

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000897.D
 Acq On : 06 Dec 2019 13:33
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Manual Integrations
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apatel
 12/9/2019 11:24:15 AM

Quant Time: Dec 06 18:06:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	346709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	614881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	548613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	248866	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	174999	47.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.00%	
35) Dibromofluoromethane	7.73	113	168800	47.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.20%	
50) Toluene-d8	10.18	98	698767	48.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.48	95	241170	44.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	70031	18.764	ug/l	99
3) Chloromethane	2.11	50	82157	17.858	ug/l	98
4) Vinyl Chloride	2.25	62	82580	18.213	ug/l	95
5) Bromomethane	2.65	94	40333	13.397	ug/l	92
6) Chloroethane	2.79	64	46156	16.603	ug/l	99
7) Trichlorofluoromethane	3.13	101	125358	20.174	ug/l	96
8) Diethyl Ether	3.54	74	47878	20.472	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	77008	20.068	ug/l	99
10) Methyl Iodide	4.10	142	96574	19.989	ug/l	99
11) Tert butyl alcohol	5.00	59	32392	87.393	ug/l #	74
12) 1,1-Dichloroethene	3.87	96	79343	20.872	ug/l	92
13) Acrolein	3.74	56	38021	104.135	ug/l	95
14) Allyl chloride	4.49	41	127965	19.632	ug/l	98
15) Acrylonitrile	5.18	53	118344	97.995	ug/l	98
16) Acetone	3.96	43	78084	92.394	ug/l	95
17) Carbon Disulfide	4.19	76	241745	19.662	ug/l	99
18) Methyl Acetate	4.49	43	64578	18.275	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	204764	20.169	ug/l	97
20) Methylene Chloride	4.72	84	100135	22.478	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	87276	20.199	ug/l	99
22) Diisopropyl ether	6.13	45	268532	20.044	ug/l	98
23) Vinyl Acetate	6.07	43	808112	99.222	ug/l	99
24) 1,1-Dichloroethane	6.03	63	150302	20.355	ug/l	95
25) 2-Butanone	7.00	43	141730	90.785	ug/l	98
26) 2,2-Dichloropropane	6.99	77	125782	20.240	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	95276	20.399	ug/l	98
28) Bromochloromethane	7.34	49	33711	13.965	ug/l	96
29) Tetrahydrofuran	7.36	42	95448	92.264	ug/l	98
30) Chloroform	7.52	83	142283	19.209	ug/l	95
31) Cyclohexane	7.78	56	153060	19.568	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	121273	19.827	ug/l	99
36) 1,1-Dichloropropene	7.93	75	122116	19.974	ug/l	99
37) Ethyl Acetate	7.09	43	69107	19.576	ug/l	99
38) Carbon Tetrachloride	7.91	117	106566	19.572	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	155341	19.178	ug/l	98
40) Benzene	8.17	78	352562	19.798	ug/l	100
41) Methacrylonitrile	7.32	41	28093	15.099	ug/l #	66
42) 1,2-Dichloroethane	8.24	62	89029	19.009	ug/l	100
43) Isopropyl Acetate	8.28	43	123791	18.608	ug/l	99
44) Trichloroethene	8.94	130	92385	20.186	ug/l	89
45) 1,2-Dichloropropane	9.22	63	89798	20.075	ug/l	96
46) Dibromomethane	9.31	93	46716	19.988	ug/l	99
47) Bromodichloromethane	9.50	83	107029	19.494	ug/l	99
48) Methyl methacrylate	9.30	41	53626	18.332	ug/l	96
49) 1,4-Dioxane	9.32	88	12920	390.143	ug/l #	78
51) 4-Methyl-2-Pentanone	10.07	43	327060	95.153	ug/l	99
52) Toluene	10.24	92	217239	19.702	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	115972	19.661	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	137772	19.760	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	67154	19.448	ug/l	99
56) Ethyl methacrylate	10.51	69	98516	19.944	ug/l	98
57) 1,3-Dichloropropane	10.79	76	121070	20.117	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	193762	97.283	ug/l	98
59) 2-Hexanone	10.83	43	222630	88.888	ug/l	99
60) Dibromochloromethane	10.98	129	72077	19.390	ug/l	100
61) 1,2-Dibromoethane	11.09	107	67056	20.606	ug/l	96
64) Tetrachloroethene	10.72	164	98534	20.672	ug/l	97
65) Chlorobenzene	11.51	112	225937	19.813	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	75560	19.661	ug/l	97
67) Ethyl Benzene	11.59	91	421373	19.840	ug/l	99
68) m/p-Xylenes	11.70	106	310564	38.959	ug/l	99
69) o-Xylene	12.03	106	145227	19.539	ug/l	98
70) Styrene	12.04	104	250489	19.682	ug/l	99
71) Bromoform	12.20	173	41563	19.175	ug/l #	98
73) Isopropylbenzene	12.33	105	396668	20.018	ug/l	99
74) N-amyl acetate	12.14	43	106497	19.309	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	75343	19.297	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	52376m	18.576	ug/l	
77) Bromobenzene	12.61	156	86318	20.096	ug/l	98
78) n-propylbenzene	12.67	91	484814	20.038	ug/l	100
79) 2-Chlorotoluene	12.75	91	265254	19.845	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	326386	19.894	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	27969	19.485	ug/l	97
82) 4-Chlorotoluene	12.85	91	278230	20.204	ug/l	100
83) tert-Butylbenzene	13.07	119	267777	19.413	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	326391	19.884	ug/l	99
85) sec-Butylbenzene	13.25	105	409426	20.409	ug/l	99
86) p-Isopropyltoluene	13.36	119	350753	20.102	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	170366	20.219	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	169148	20.274	ug/l	99
89) n-Butylbenzene	13.69	91	354091	20.071	ug/l	100
90) Hexachloroethane	13.95	117	64731	20.139	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	154108	20.333	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13058	19.977	ug/l	93

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	105201	20.513	ug/l	99
94) Hexachlorobutadiene	15.11	225	53207	20.925	ug/l	99
95) Naphthalene	15.23	128	245127	20.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	93510	20.413	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

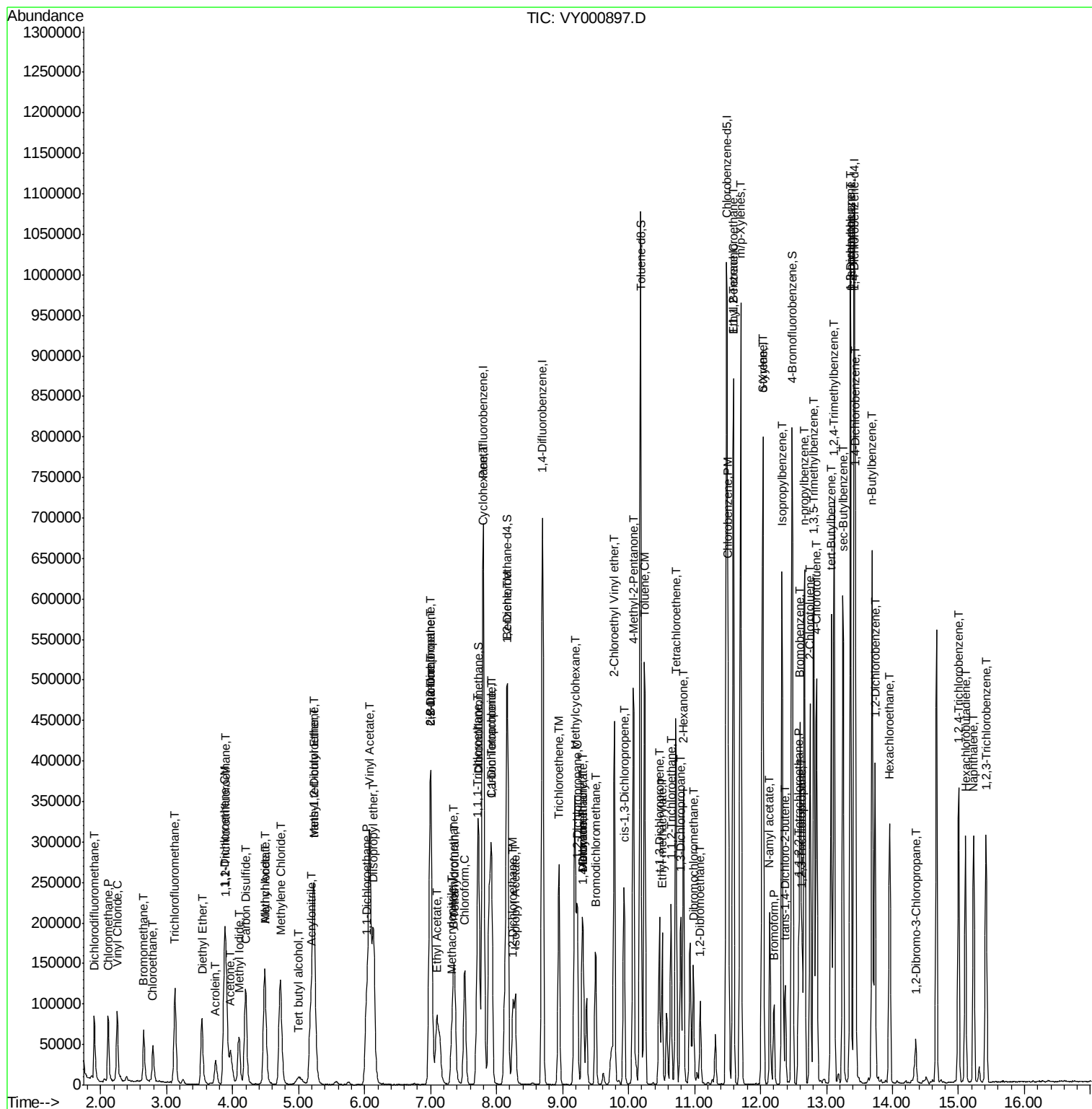
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 Data File : VY000897.D
 Acq On : 06 Dec 2019 13:33
 Operator : SY/MD
 Sample : VY1206SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

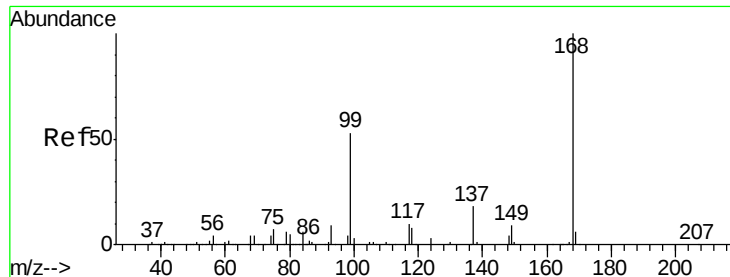
Instrument :
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 ClientSampleId :
 VY1206SBSD01

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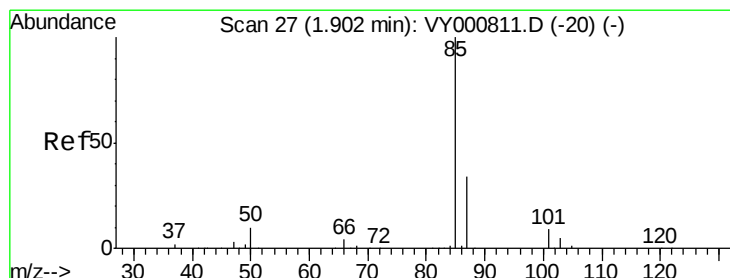
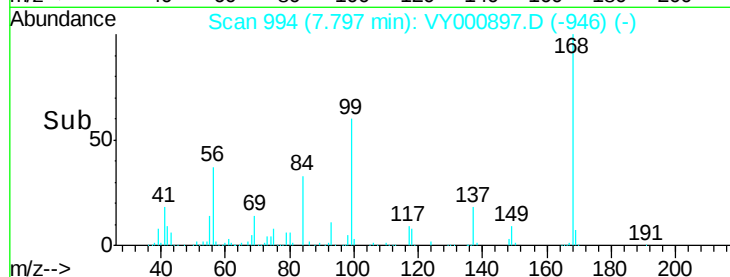
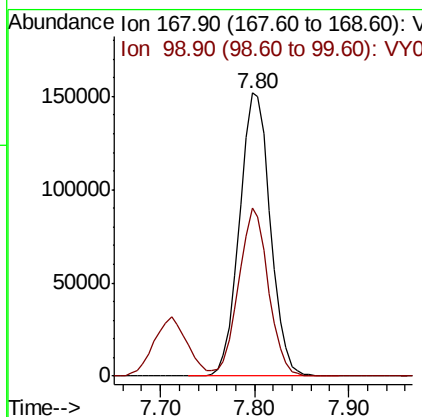
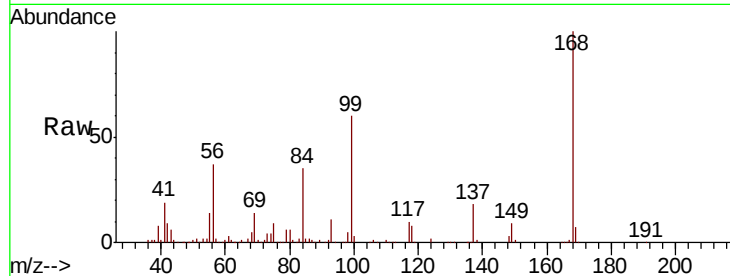
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	59.5	45.0	67.6

Manual Integrations
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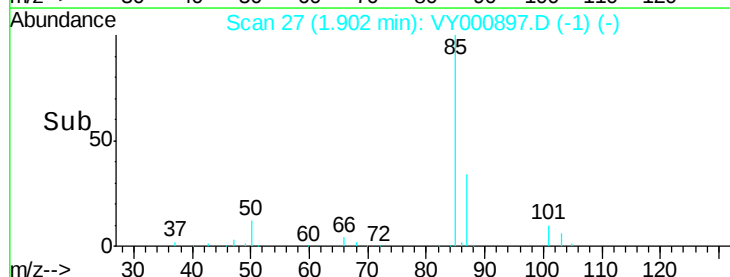
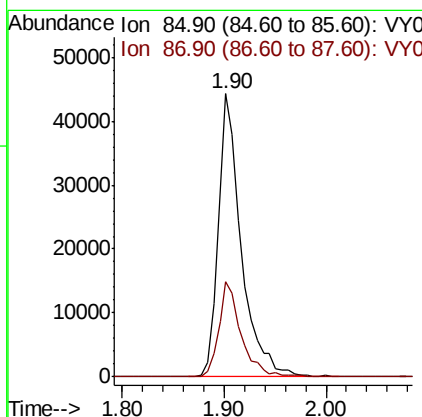
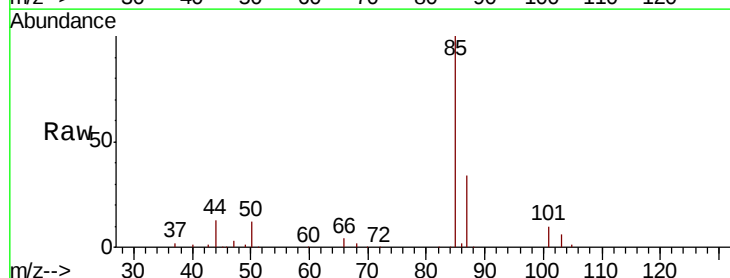
apatel
 12/9/2019 11:24:15 AM

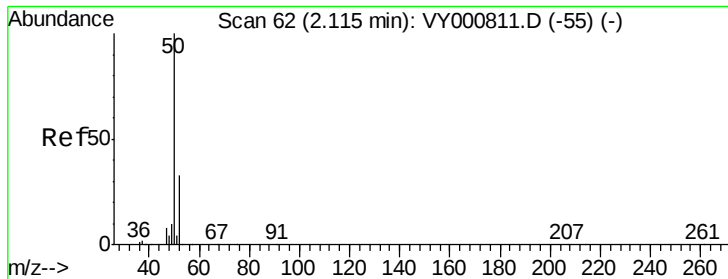


#2

Dichlorodifluoromethane
 Concen: 18.764 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.8	50.3





#3

Chloromethane

Concen: 17.858 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 50 Resp: 82157

Ion Ratio Lower Upper

50 100

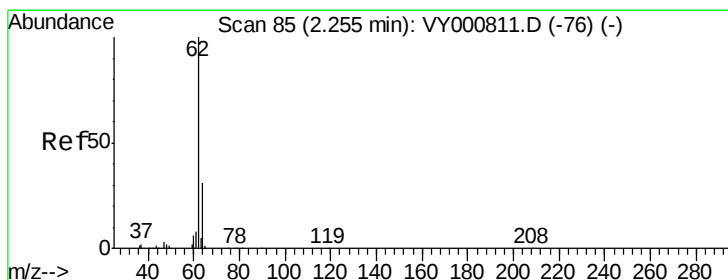
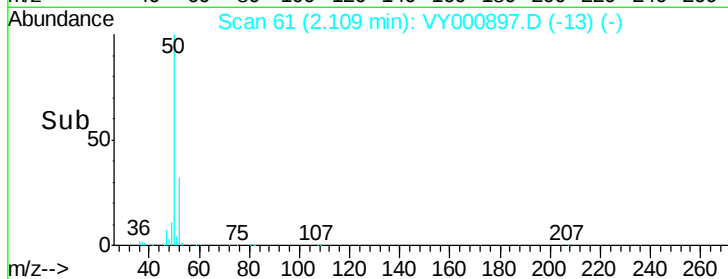
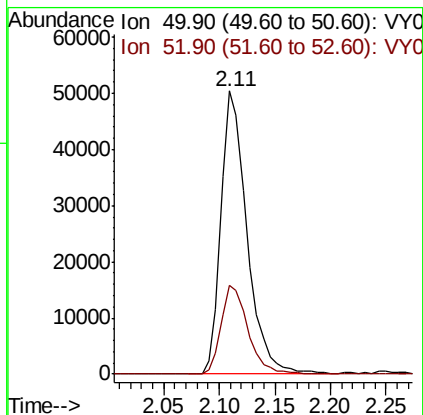
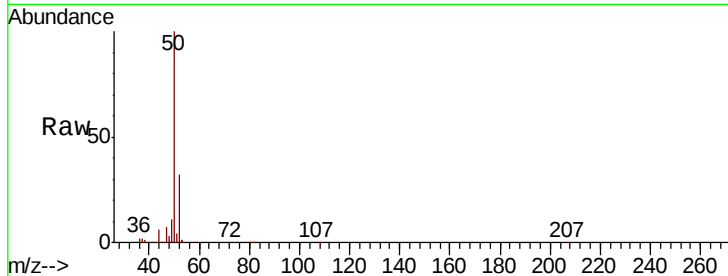
52 31.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.213 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000897.D

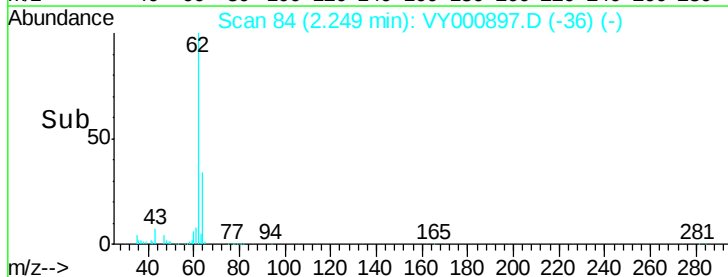
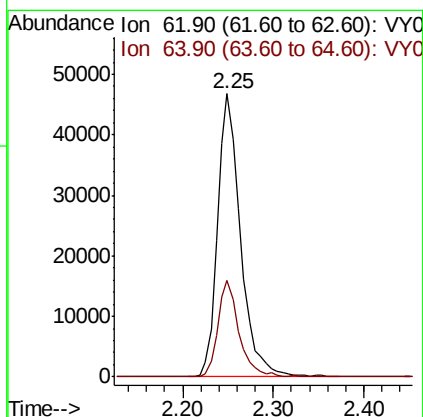
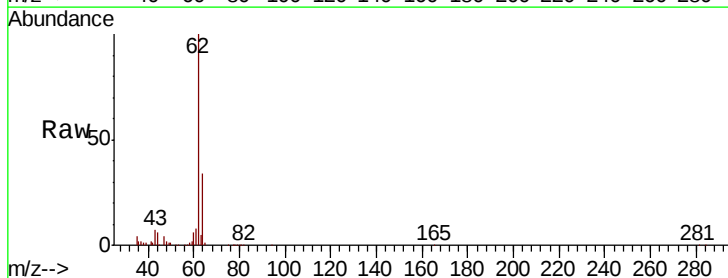
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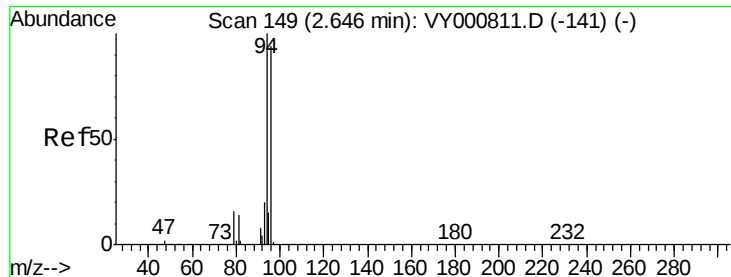
Tgt Ion: 62 Resp: 82580

Ion Ratio Lower Upper

62 100

64 34.0 25.1 37.7





#5

Bromomethane

Concen: 13.397 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 94 Resp: 40333

Ion Ratio Lower Upper

94 100

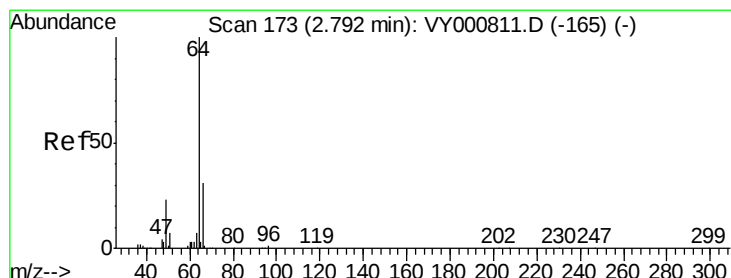
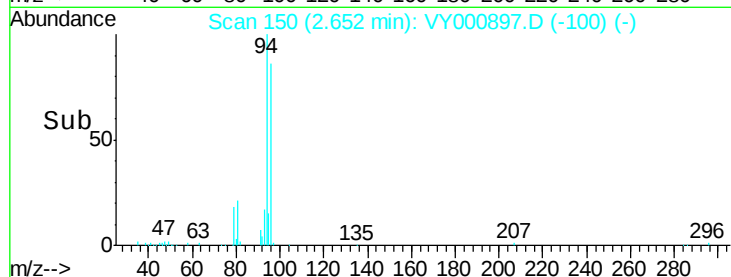
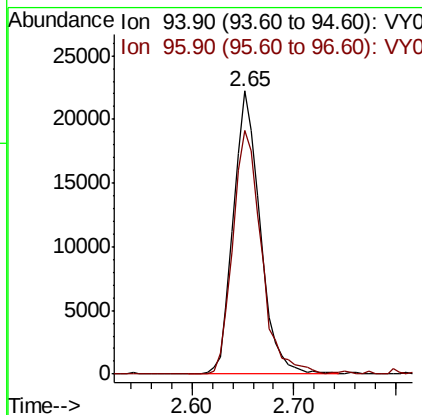
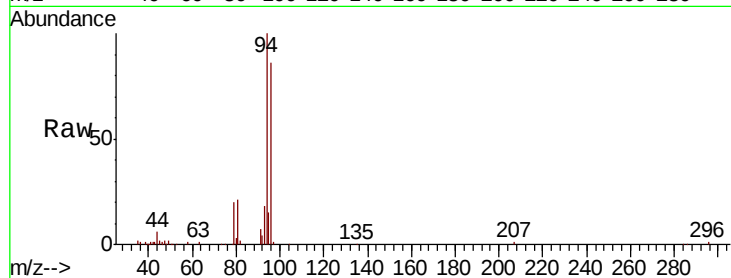
96 86.3 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 16.603 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000897.D

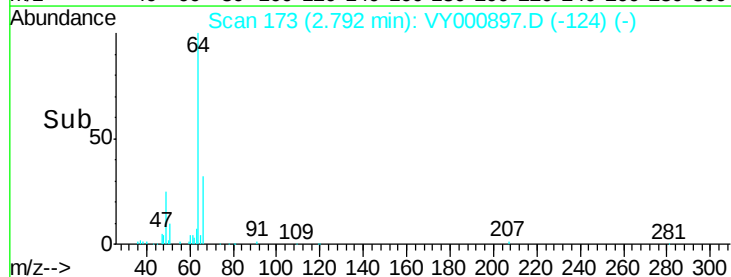
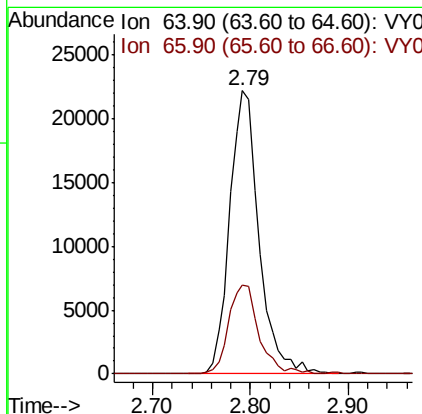
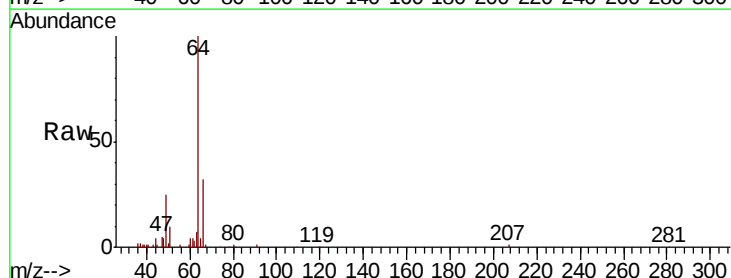
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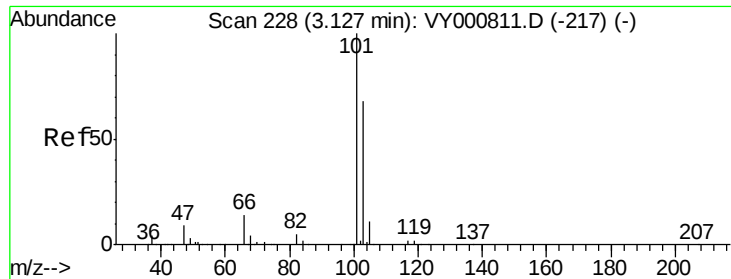
Tgt Ion: 64 Resp: 46156

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4





#7

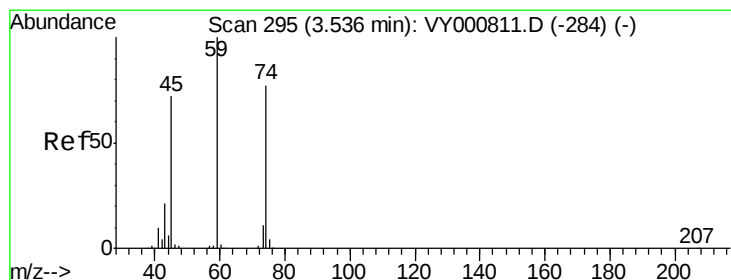
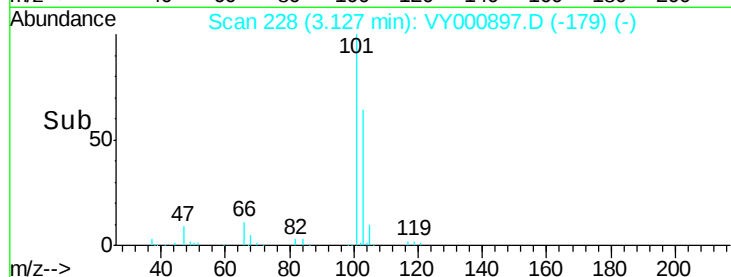
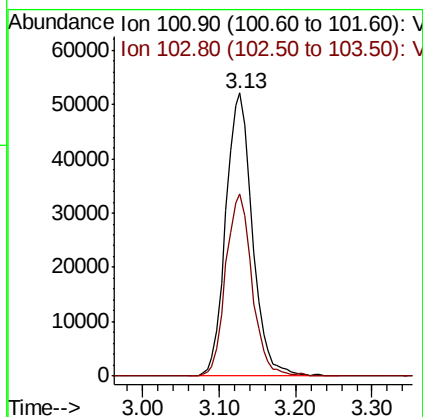
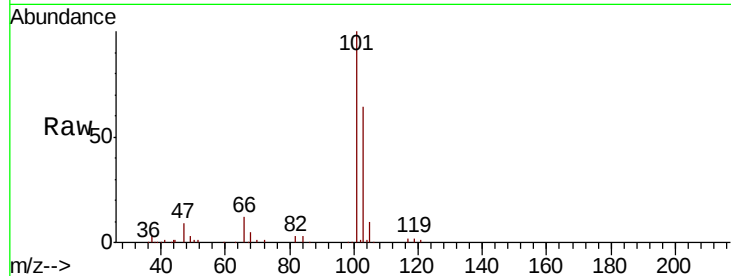
Trichlorofluoromethane
 Concen: 20.174 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	125358		
103	64.2	54.2	81.2	

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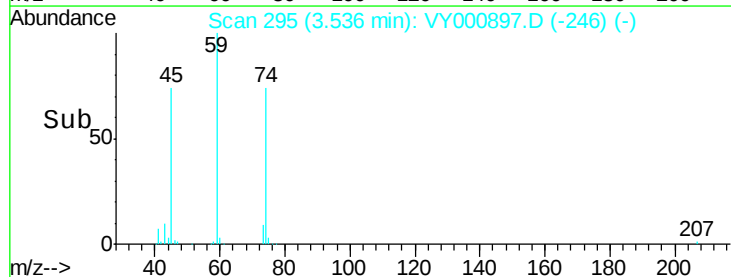
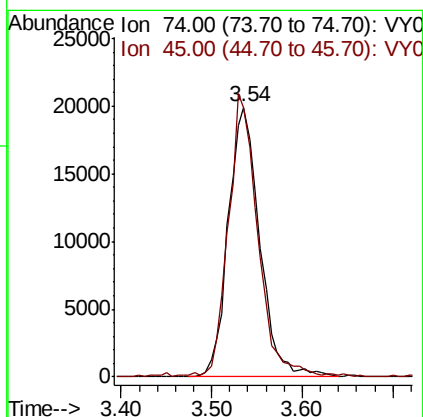
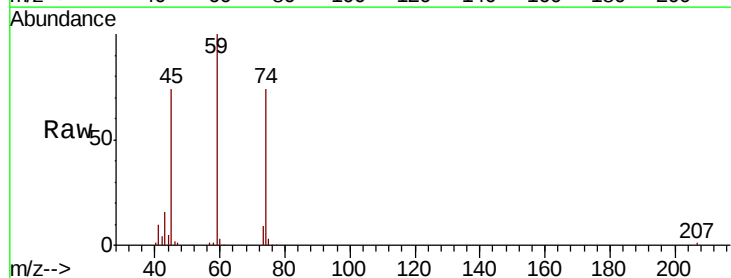
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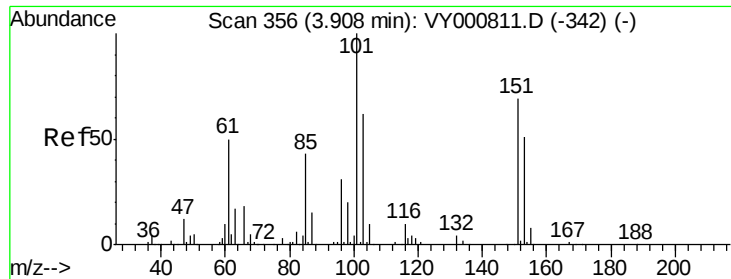


#8

Diethyl Ether
 Concen: 20.472 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	47878		
45	96.3	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.068 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion:101 Resp: 77008

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

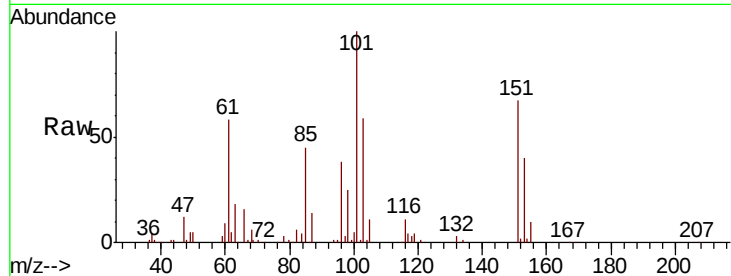
151 73.3 58.2 87.2

Manual Integrations

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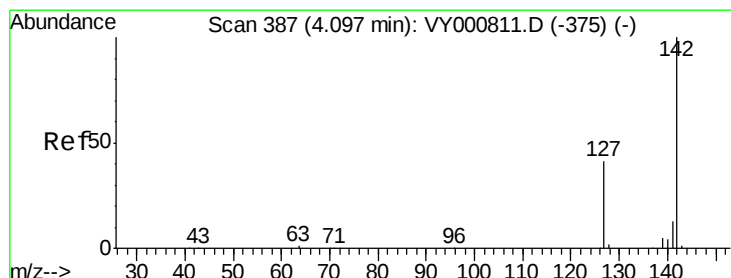
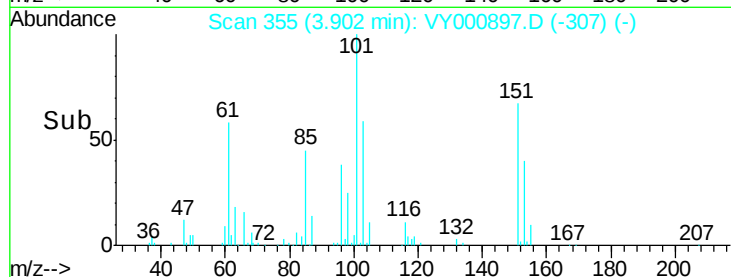
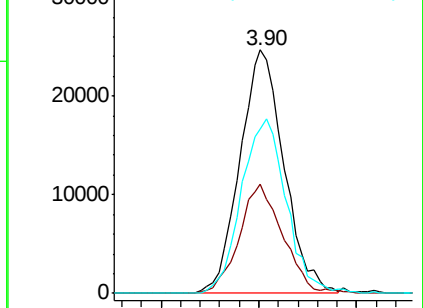
12/9/2019 11:24:15 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.989 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

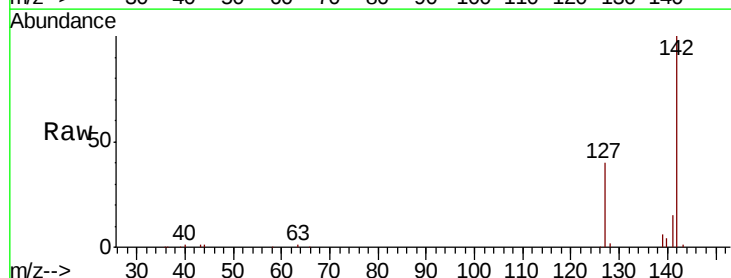
Tgt Ion:142 Resp: 96574

Ion Ratio Lower Upper

142 100

127 42.1 33.8 50.8

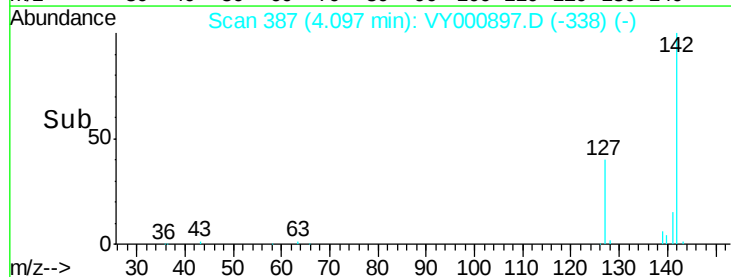
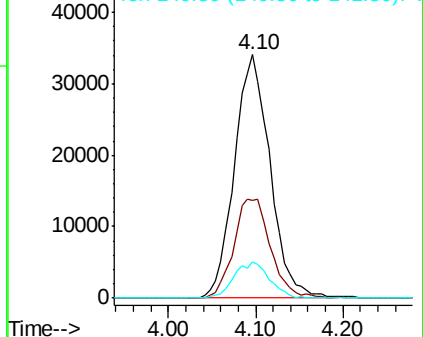
141 14.7 10.9 16.3

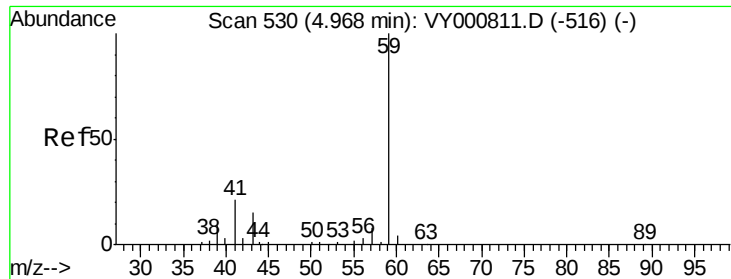


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

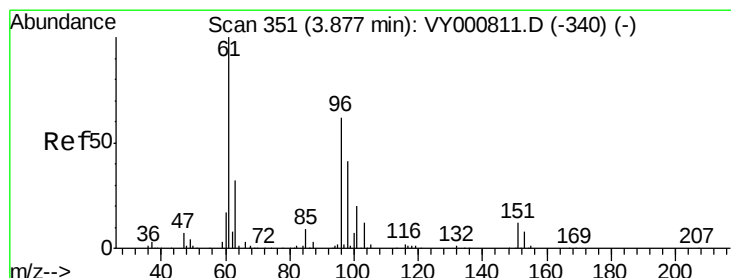
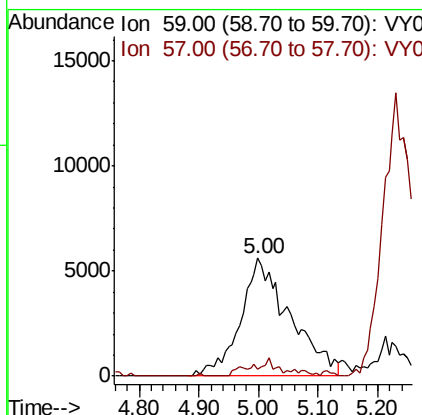
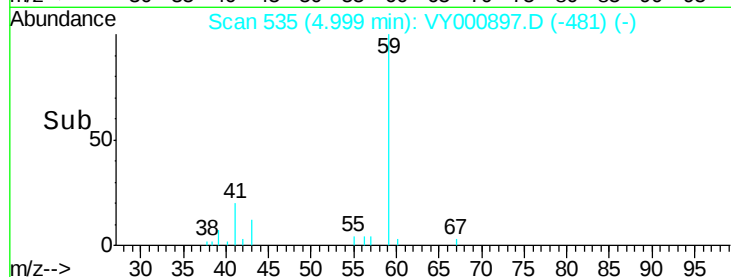
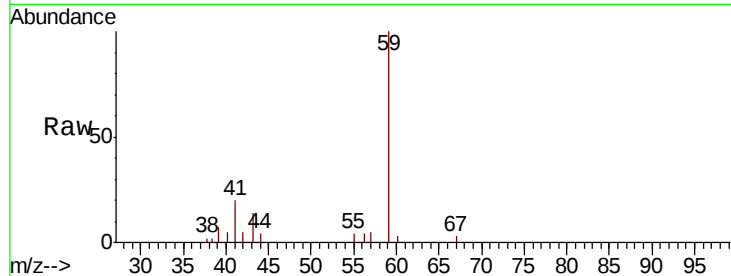
Tert butyl alcohol
Concen: 87.393 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.03 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 59 Resp: 32392
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

Manual Integrations
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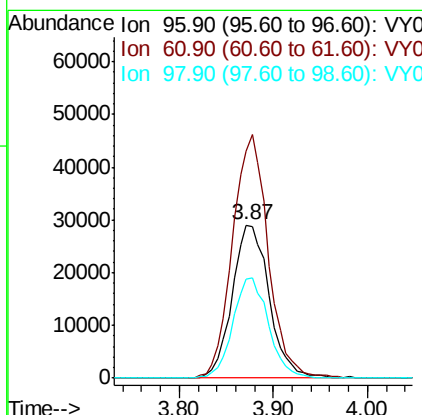
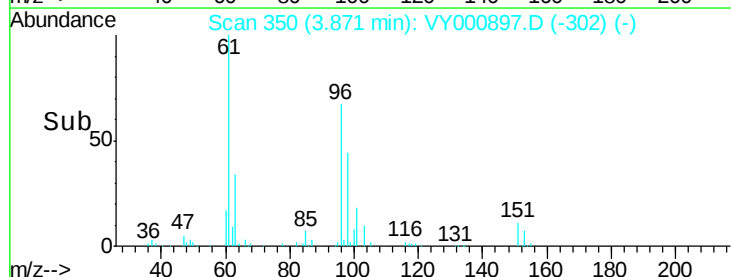
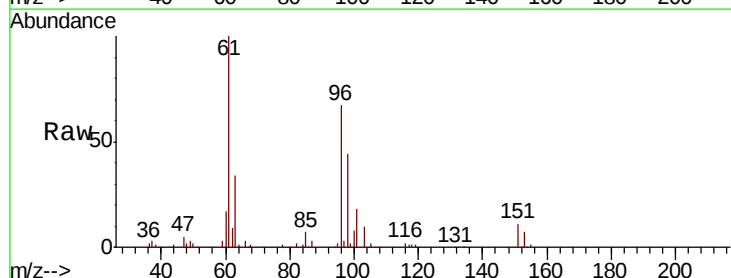
apatel
12/9/2019 11:24:15 AM

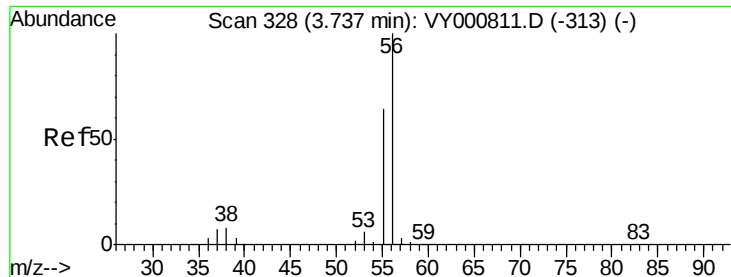


#12

1,1-Dichloroethene
Concen: 20.872 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion: 96 Resp: 79343
Ion Ratio Lower Upper
96 100
61 148.7 129.4 194.2
98 64.7 53.4 80.0





#13

Acrolein

Concen: 104.135 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 56 Resp: 38021

Ion Ratio Lower Upper

56 100

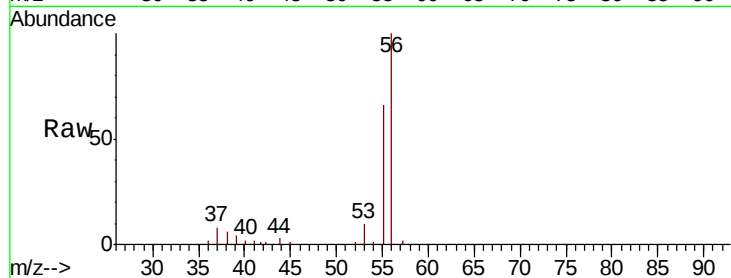
55 74.0 55.7 83.5

Manual Integrations

APPROVED

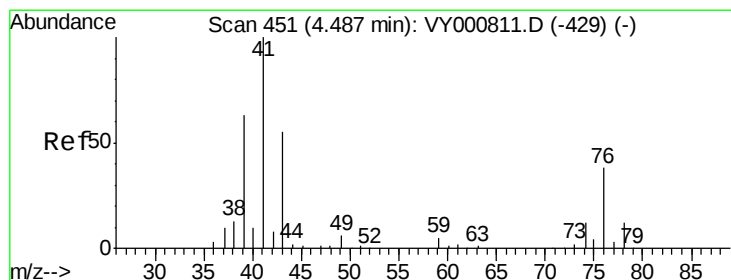
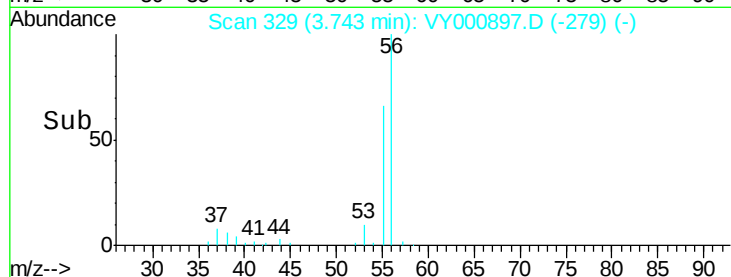
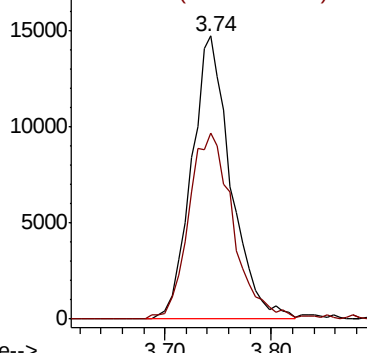
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.632 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

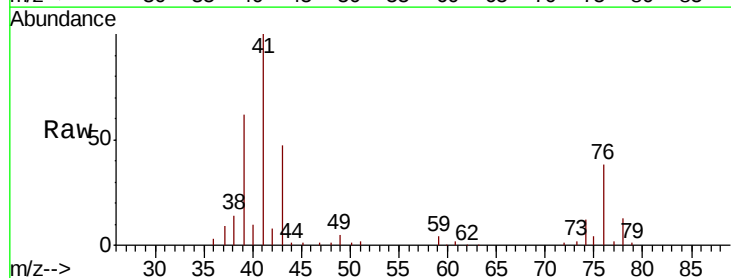
Tgt Ion: 41 Resp: 127965

Ion Ratio Lower Upper

41 100

39 60.5 49.2 73.8

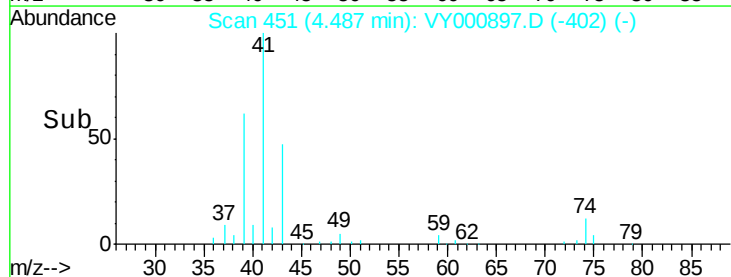
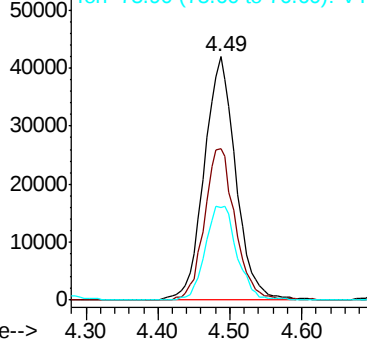
76 38.7 29.2 43.8

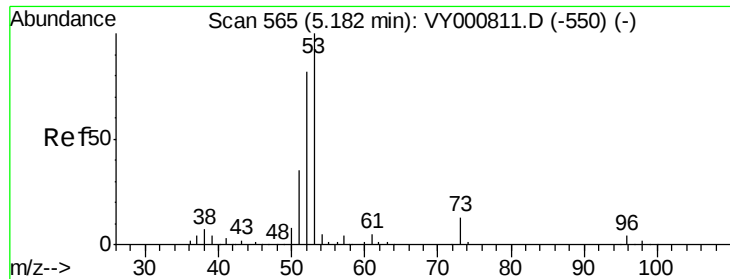


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 97.995 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

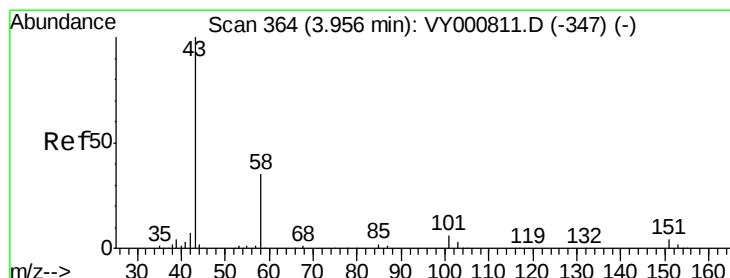
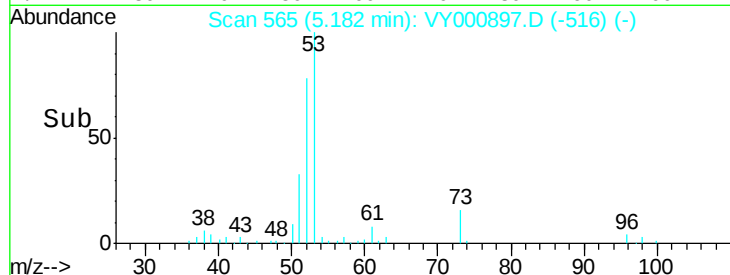
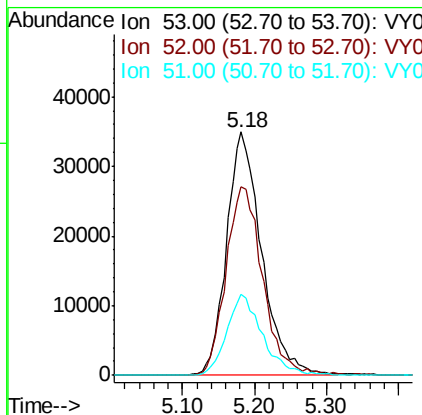
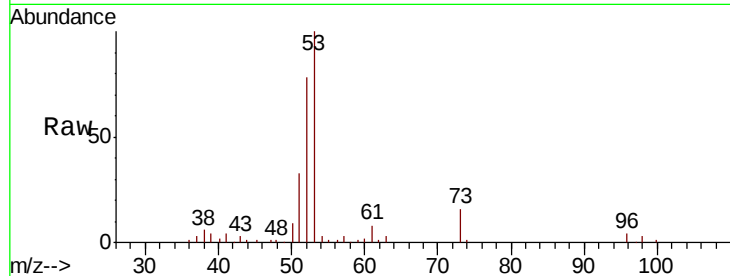
ClientSampleId :

VY1206SBS01

Tot Ion:	53	Resp:	118344
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.1	97.7
51	33.4	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 92.394 ug/l

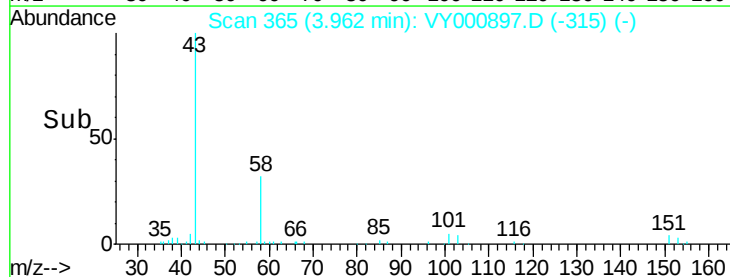
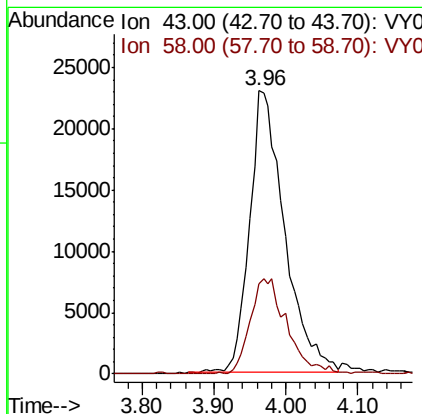
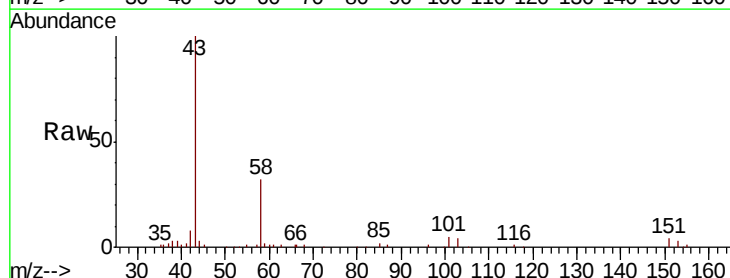
RT: 3.96 min Scan# 365

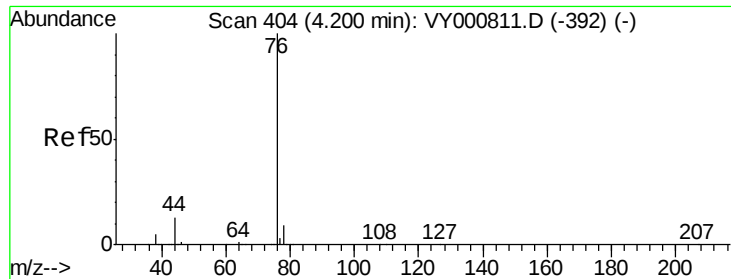
Delta R.T. 0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Tgt Ion:	43	Resp:	78084
Ion	Ratio	Lower	Upper
43	100		
58	32.0	28.0	42.0





#17

Carbon Disulfide

Concen: 19.662 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 76 Resp: 241745

Ion Ratio Lower Upper

76 100

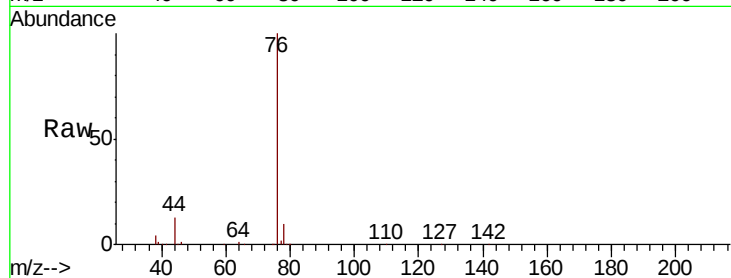
78 9.6 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

100000

80000

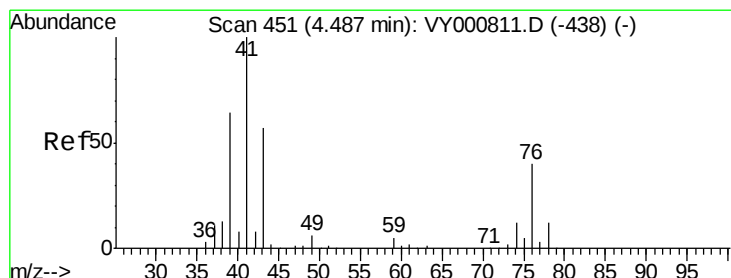
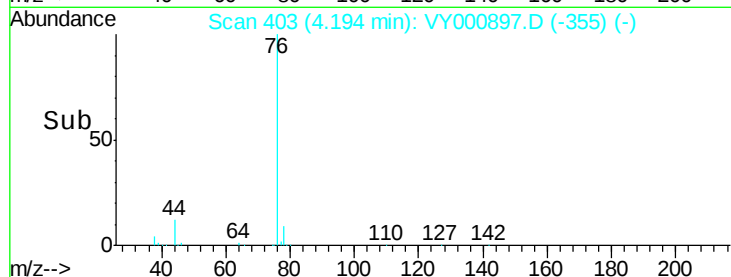
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.275 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000897.D

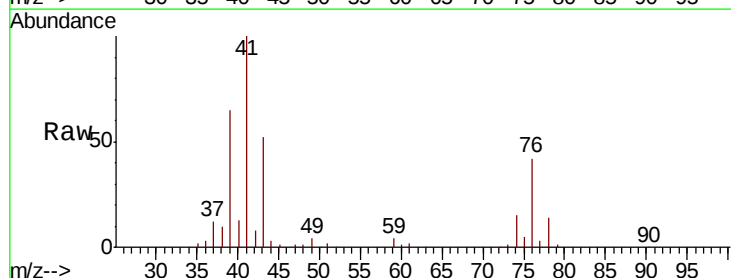
Acq: 06 Dec 2019 13:33

Tgt Ion: 43 Resp: 64578

Ion Ratio Lower Upper

43 100

74 26.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

20000

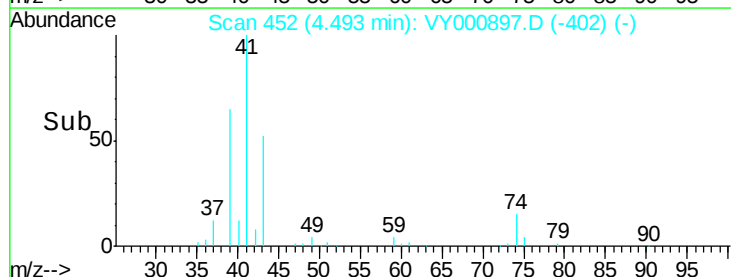
15000

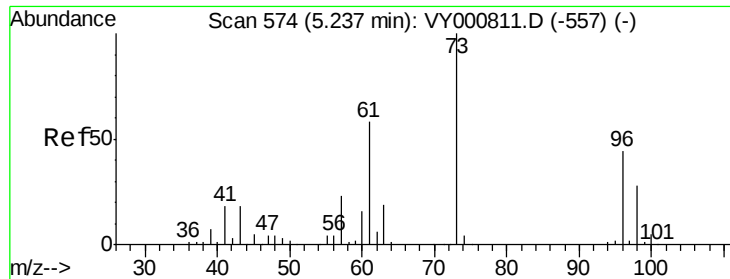
10000

5000

0

Time-->





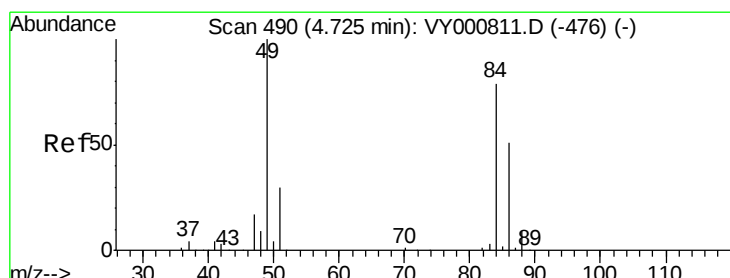
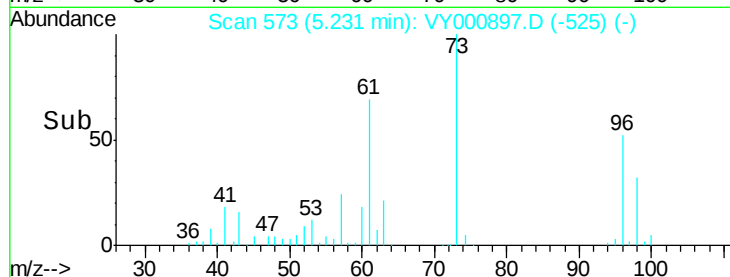
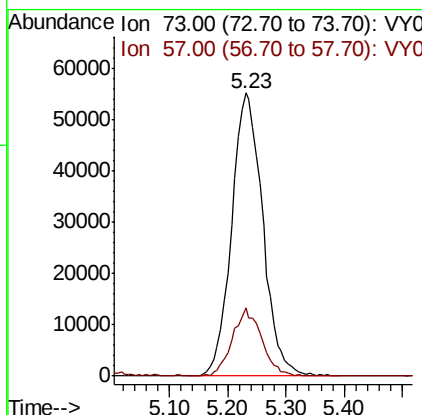
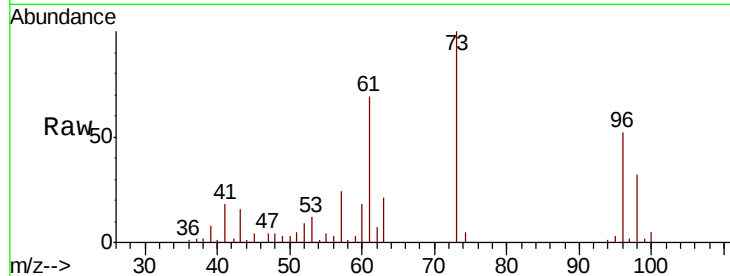
#19
Methvl tert-butvl Ether
Concen: 20.169 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 73 Resp: 204764
Ion Ratio Lower Upper
73 100
57 24.3 18.2 27.4

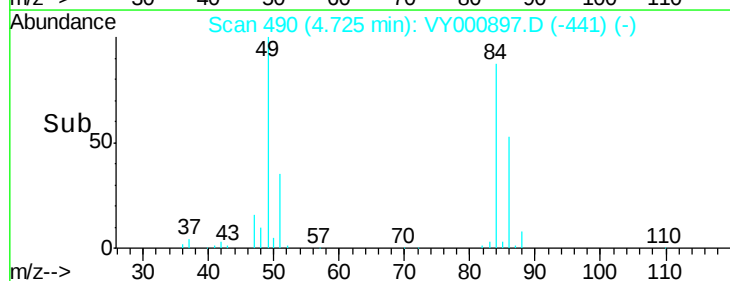
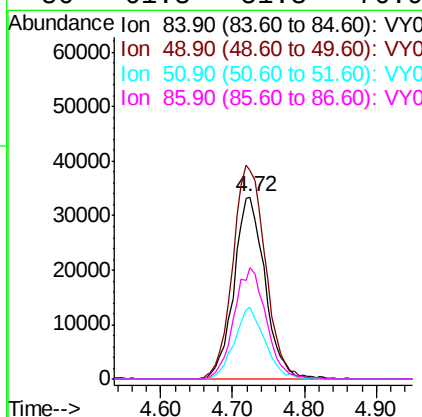
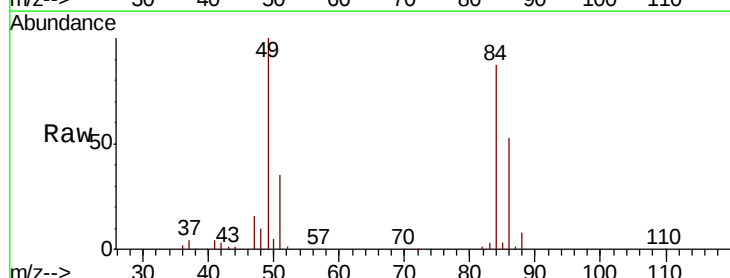
Manual Integrations
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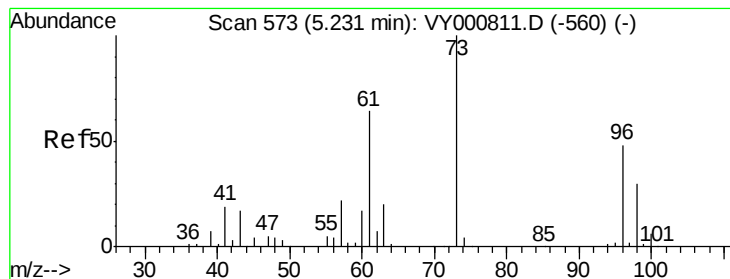
apatel
12/9/2019 11:24:15 AM



#20
Methylene Chloride
Concen: 22.478 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion: 84 Resp: 100135
Ion Ratio Lower Upper
84 100
49 114.6 101.3 151.9
51 39.6 30.6 45.8
86 61.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.199 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleID :

VY1206SBS01

Tot Ion: 96 Resp: 87276

Ion Ratio Lower Upper

96 100

61 133.4 105.9 158.9

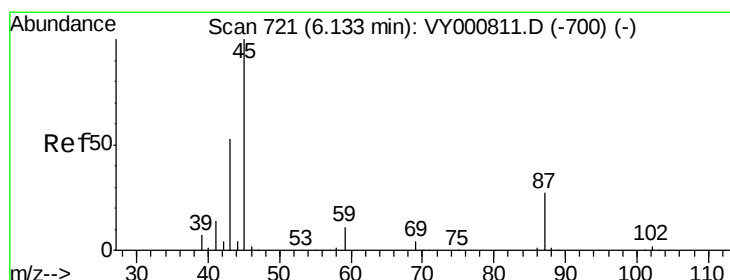
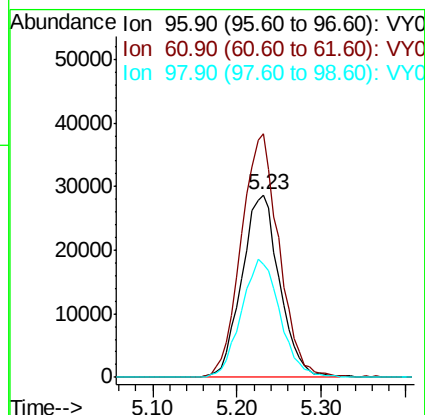
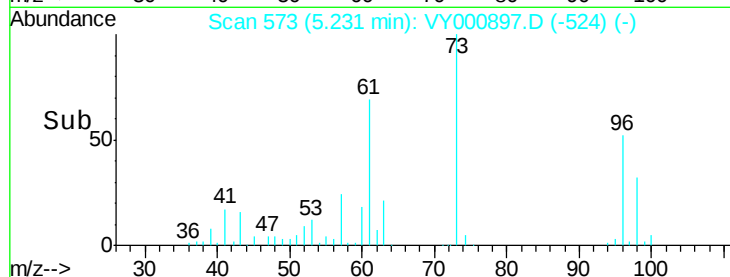
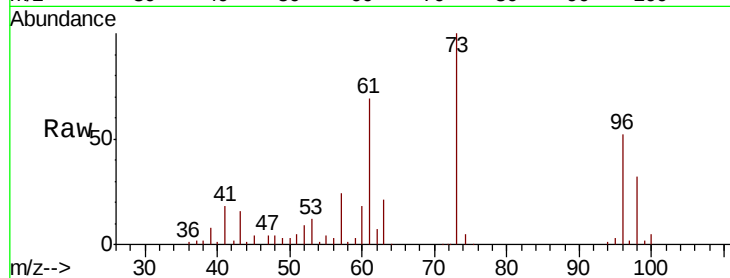
98 62.1 49.4 74.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.044 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Tgt Ion: 45 Resp: 268532

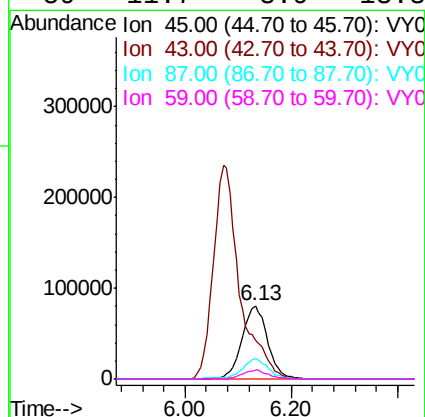
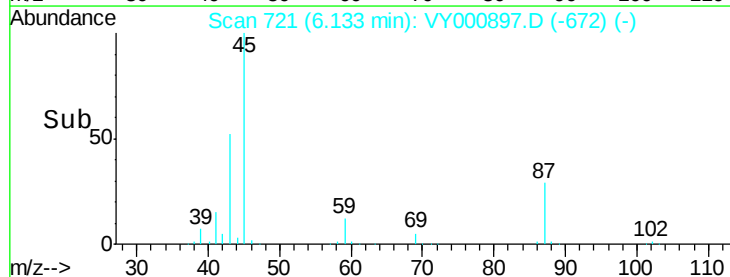
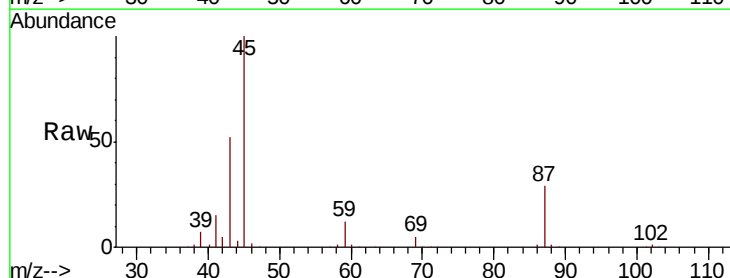
Ion Ratio Lower Upper

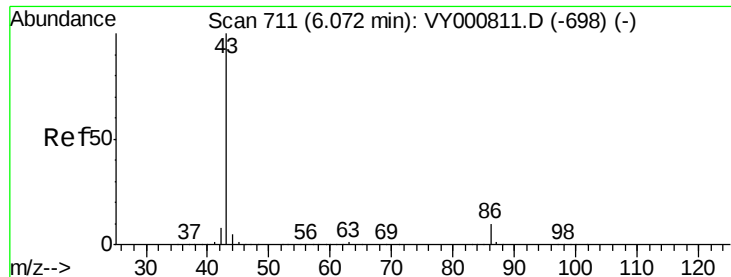
45 100

43 52.2 42.7 64.1

87 28.8 22.0 33.0

59 11.7 8.9 13.3





#23

Vinyl Acetate

Concen: 99.222 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 43 Resp: 808112

Ion Ratio Lower Upper

43 100

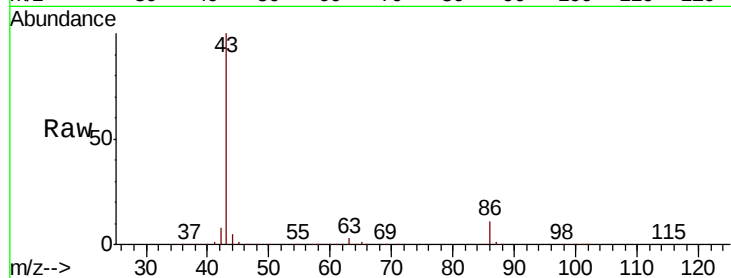
86 10.7 8.3 12.5

Manual Integrations

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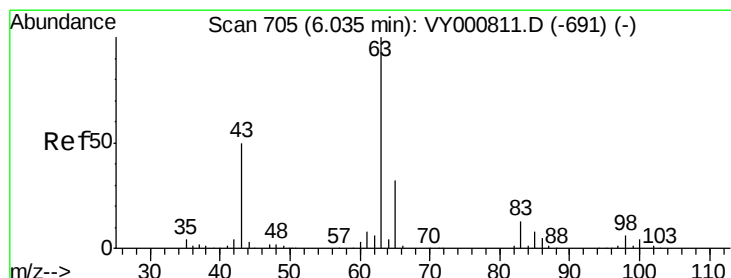
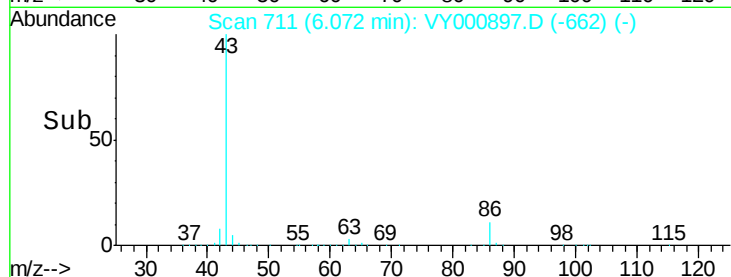
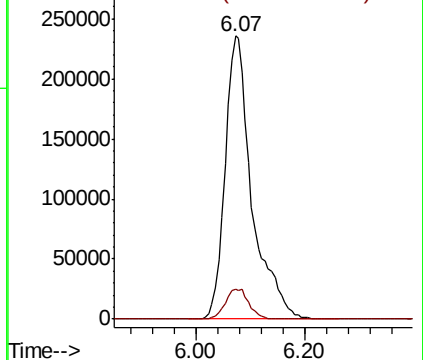
apatel

12/9/2019 11:24:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.355 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

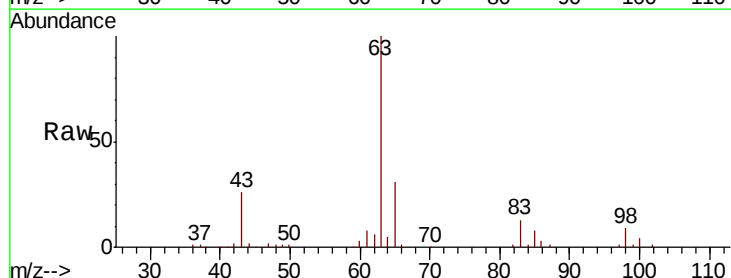
Tgt Ion: 63 Resp: 150302

Ion Ratio Lower Upper

63 100

98 9.3 3.3 9.8

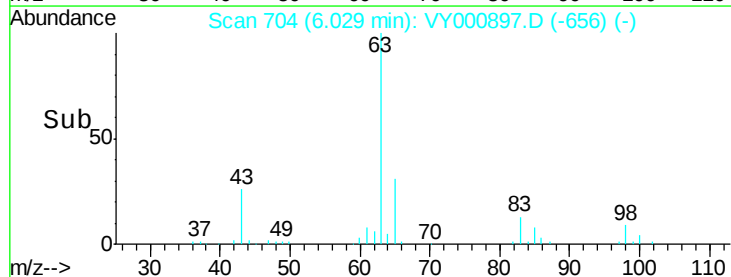
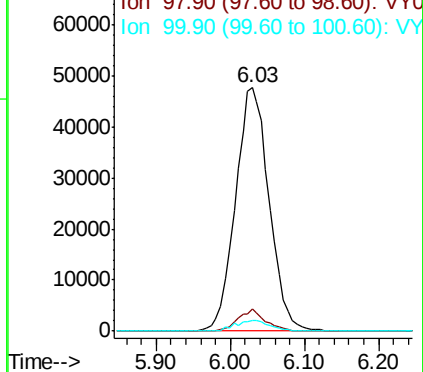
100 4.3 2.2 6.6

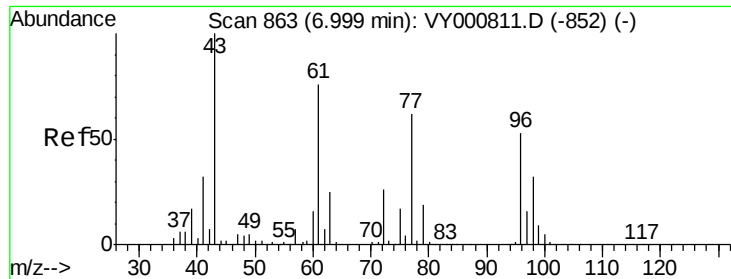


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





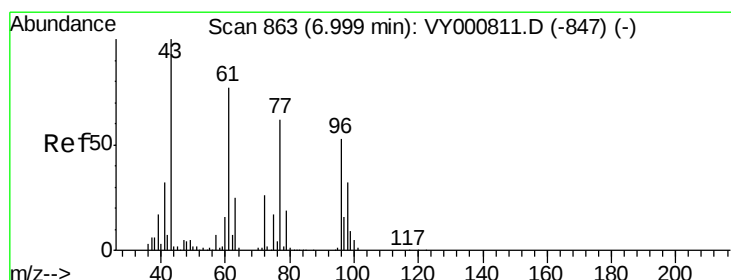
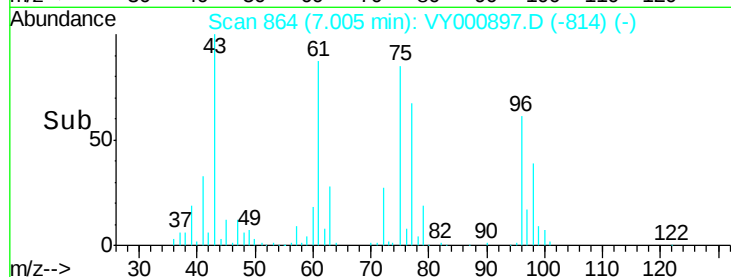
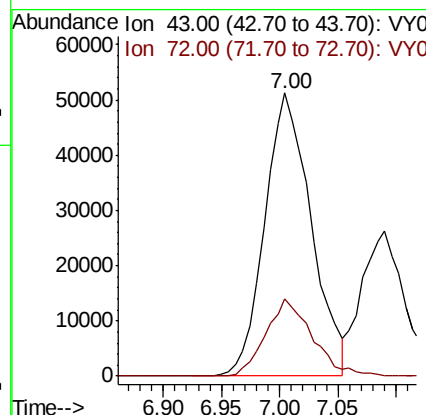
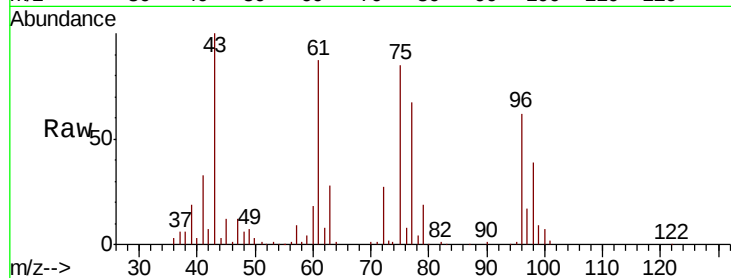
#25
2-Butanone
Concen: 90.785 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 43 Resp: 141730
Ion Ratio Lower Upper
43 100
72 27.3 21.0 31.4

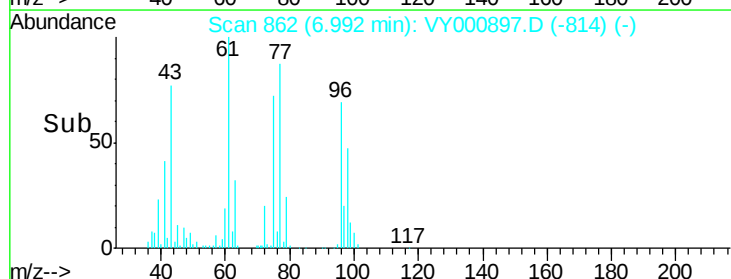
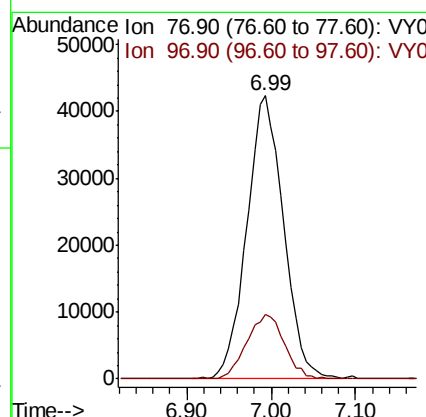
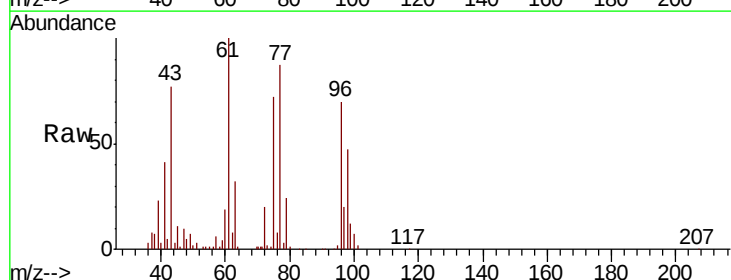
Manual Integrations
APPROVED

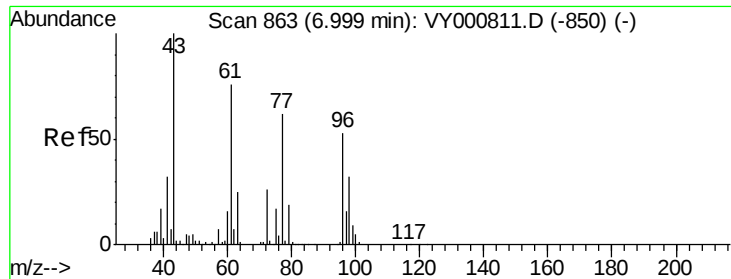
apatel
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#26
2,2-Dichloropropane
Concen: 20.240 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion: 77 Resp: 125782
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.9





#27

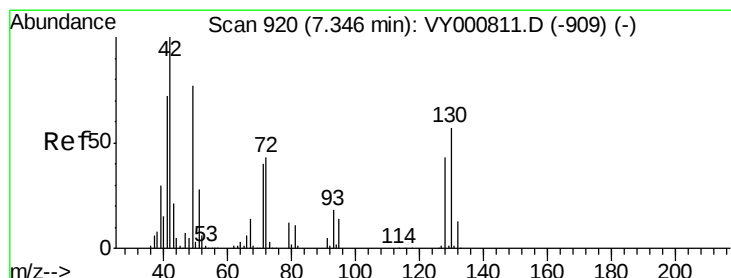
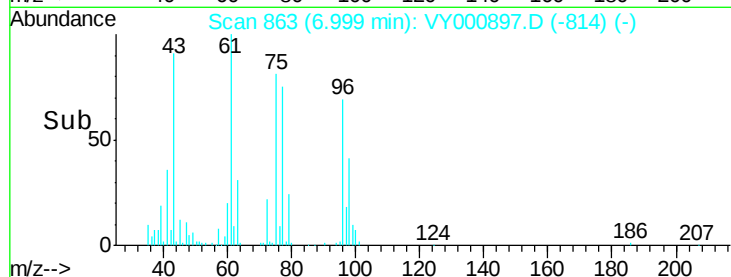
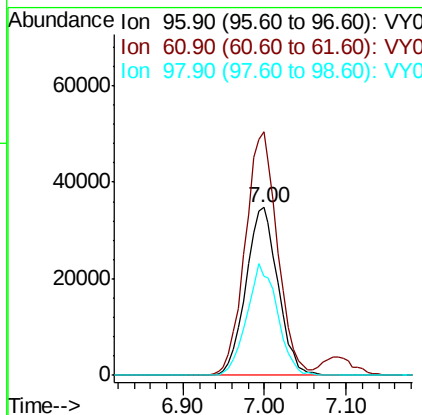
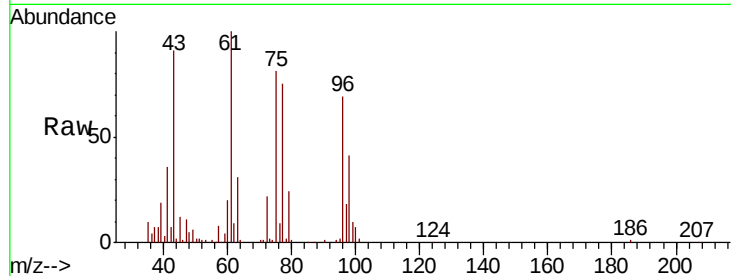
cis-1,2-Dichloroethene
Concen: 20.399 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	285.0
98	63.5	0.0	128.0

Manual Integrations
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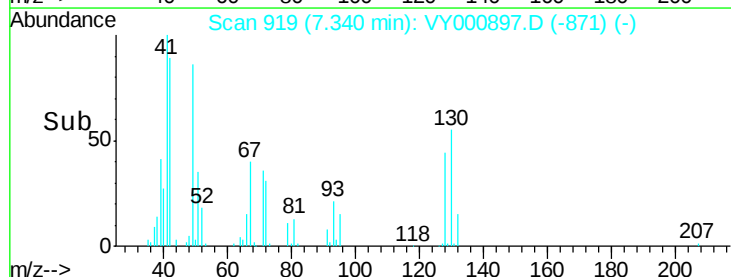
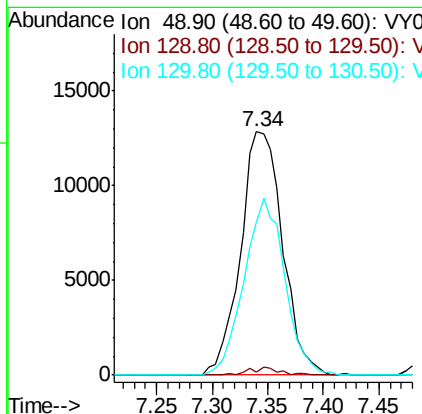
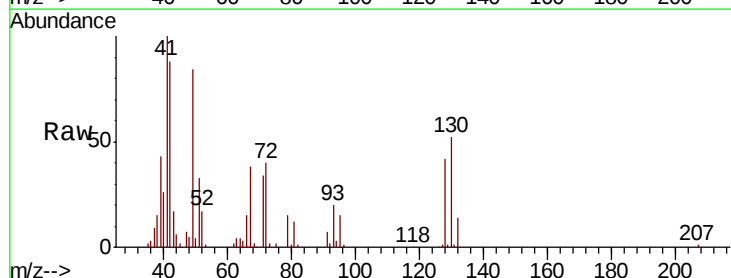
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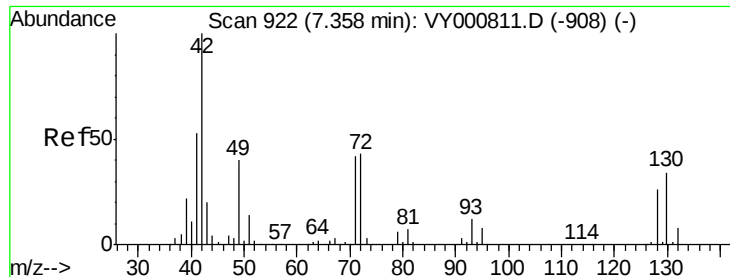


#28

Bromochloromethane
Concen: 13.965 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	70.3	58.7	88.1





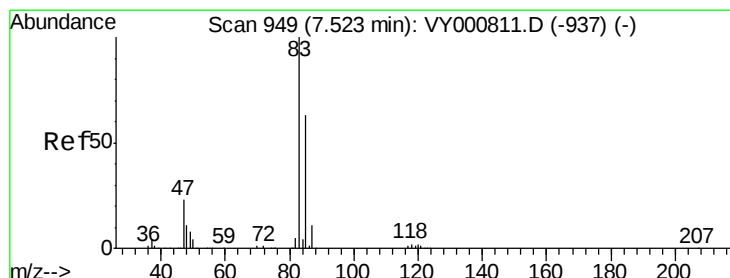
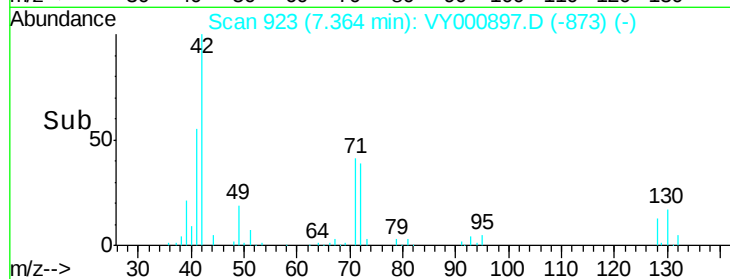
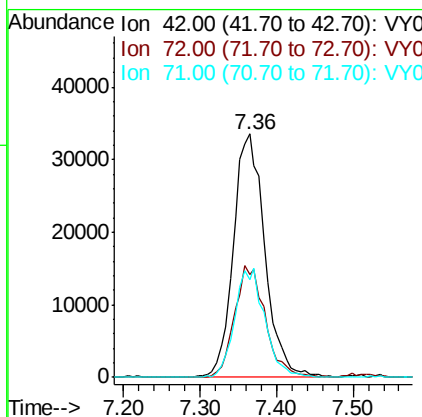
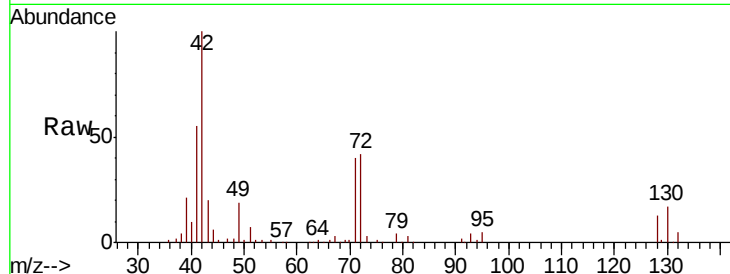
#29
Tetrahydrofuran
Concen: 92.264 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.1	52.7
71	42.8	32.8	49.2

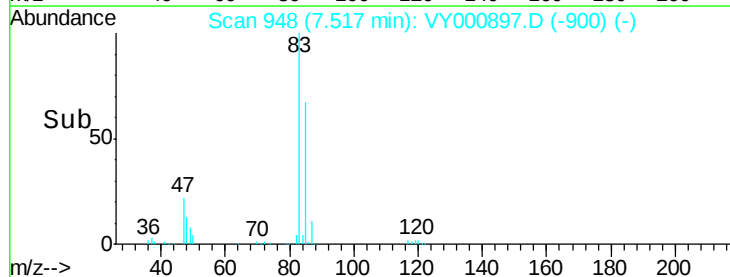
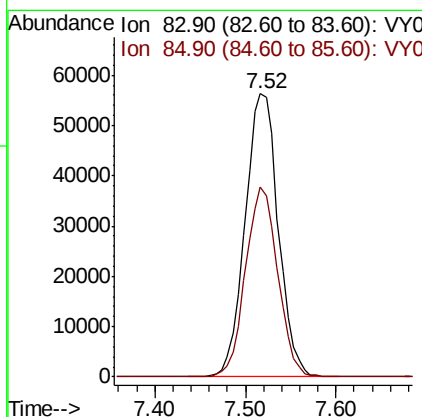
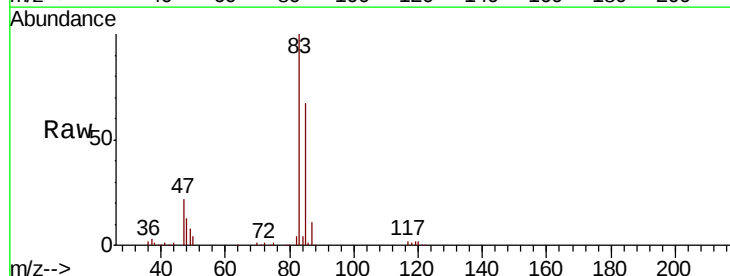
Manual Integrations
APPROVED

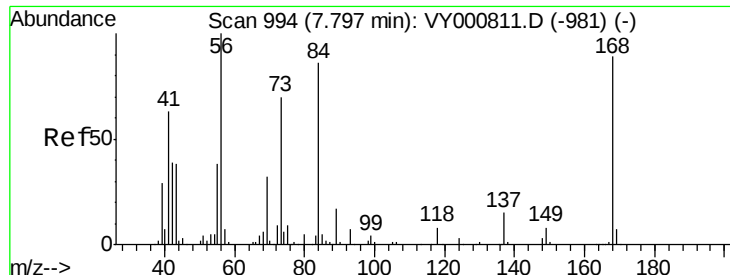
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#30
Chloroform
Concen: 19.209 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.4	75.6





#31

Cyclohexane

Concen: 19.568 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 56 Resp: 153060

Ion Ratio Lower Upper

56 100

69 34.0 25.9 38.9

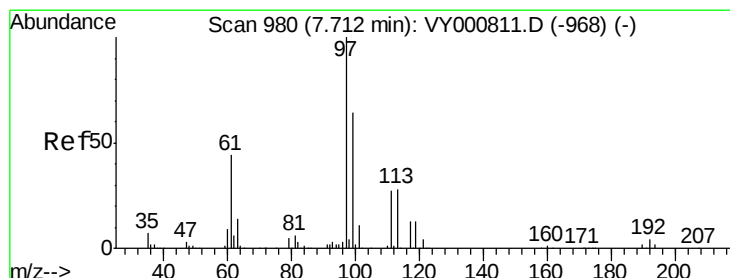
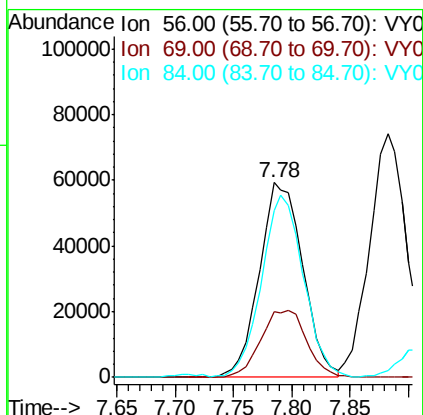
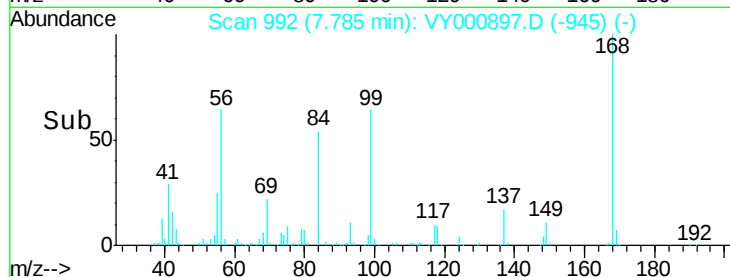
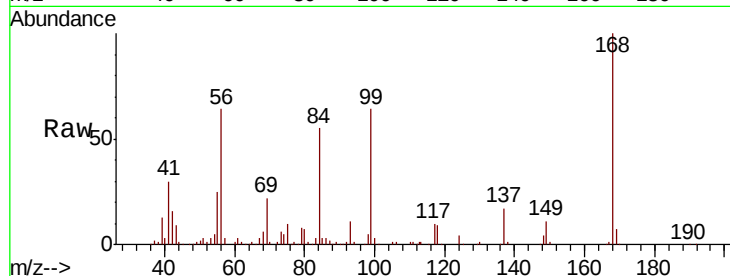
84 84.8 68.6 102.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.827 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

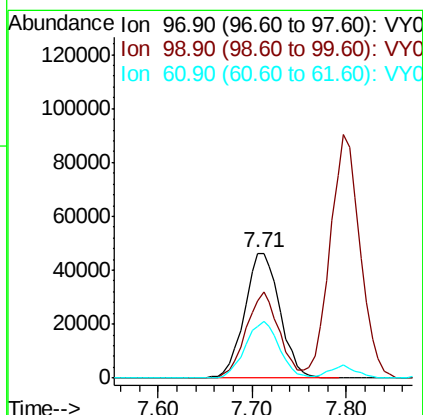
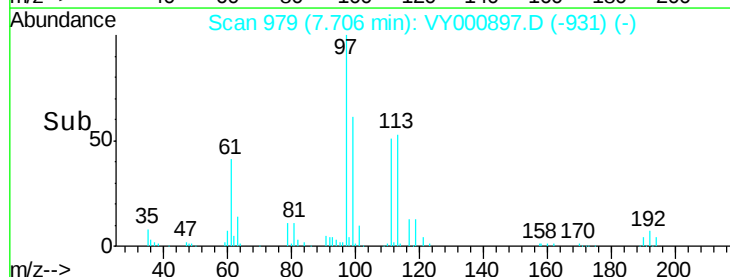
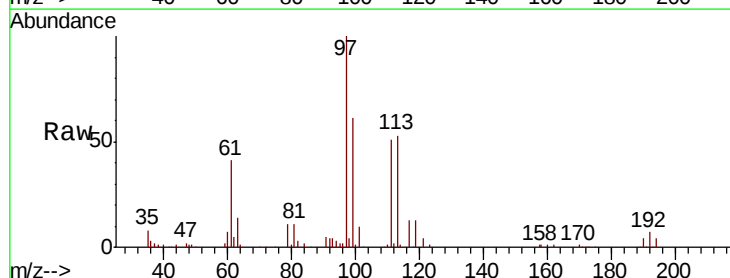
Tgt Ion: 97 Resp: 121273

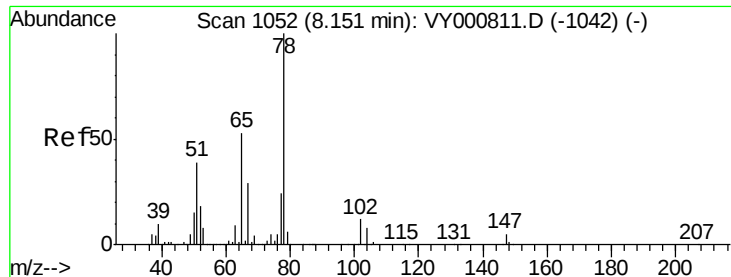
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 43.9 35.0 52.6





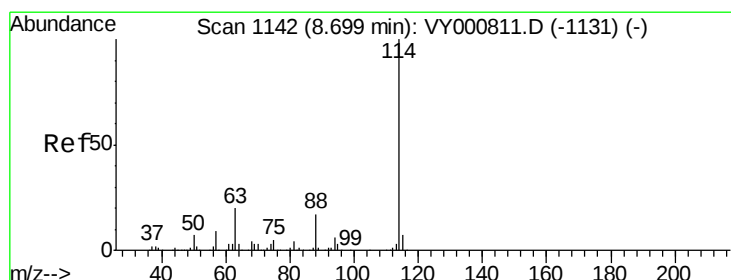
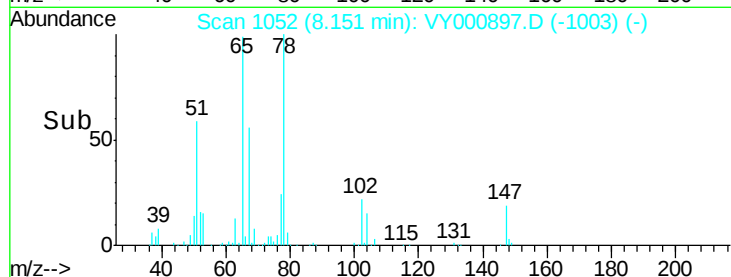
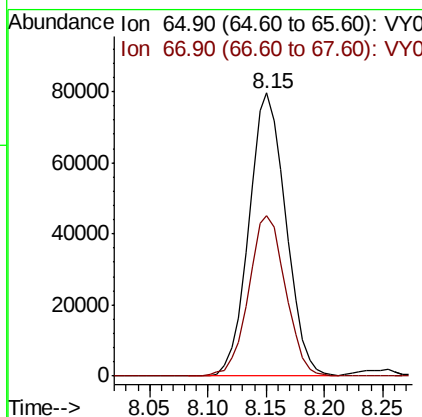
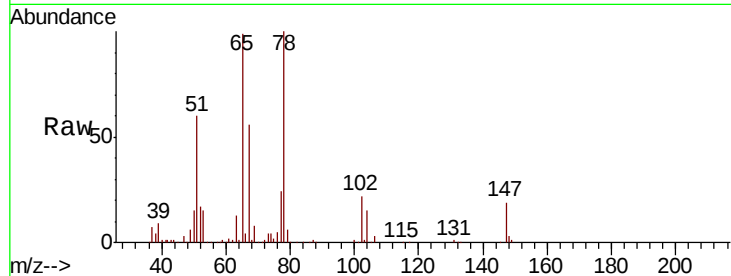
#33
 1,2-Dichloroethane-d4
 Concen: 47.501 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.9	0.0	112.0

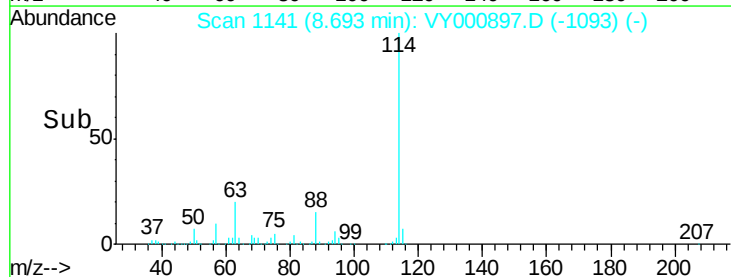
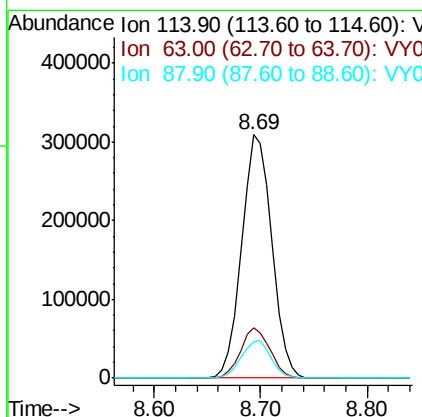
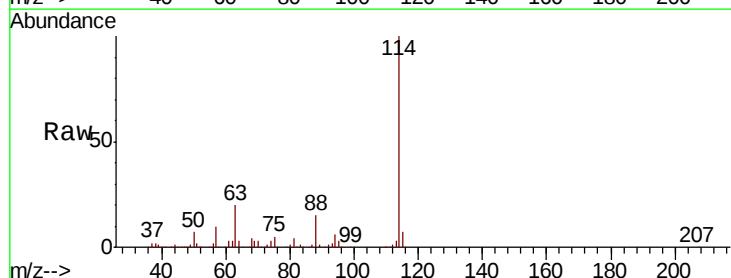
Manual Integrations
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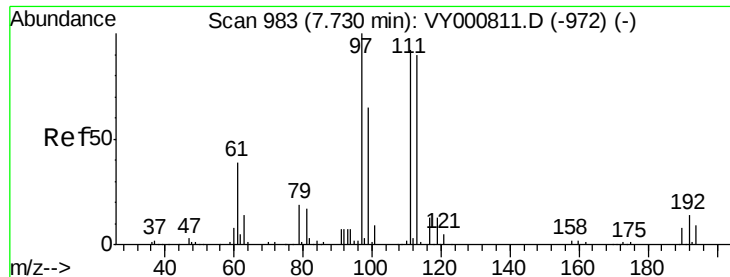
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	14.8	0.0	33.2





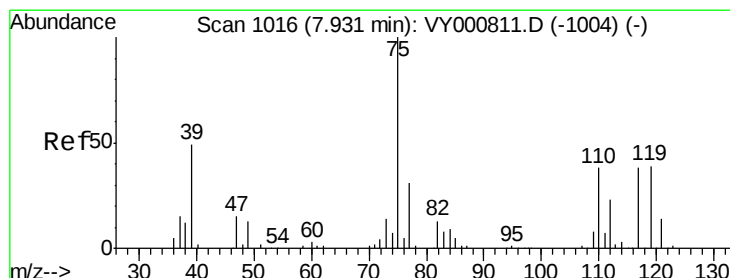
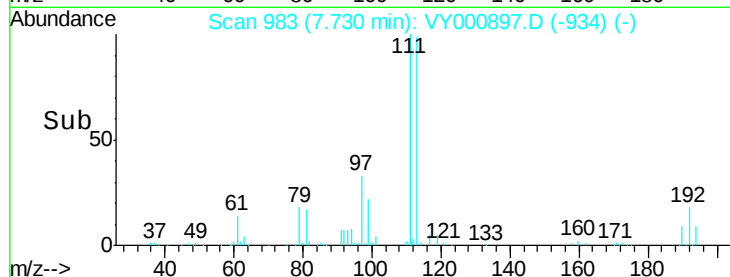
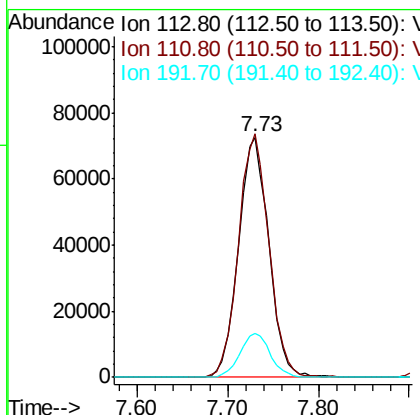
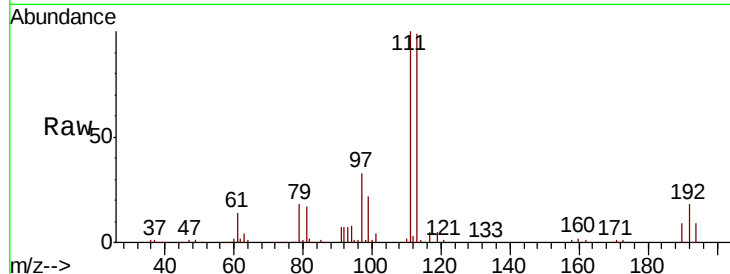
#35
Dibromofluoromethane
Concen: 47.104 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168800		
111	101.9	82.4	123.6	
192	18.3	14.2	21.2	

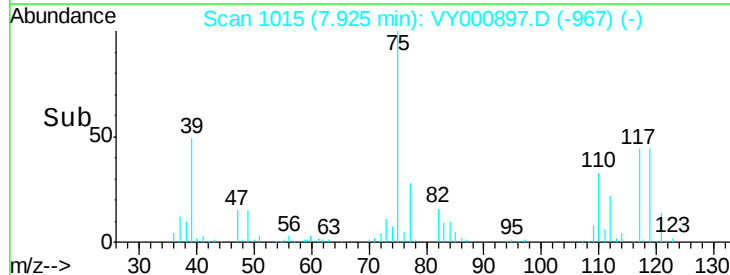
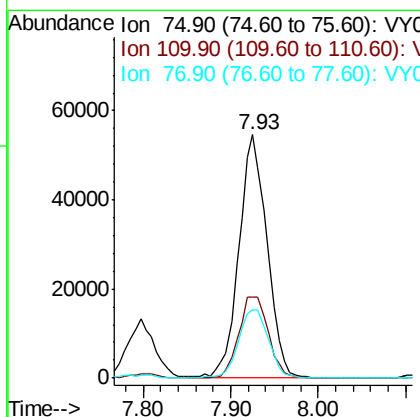
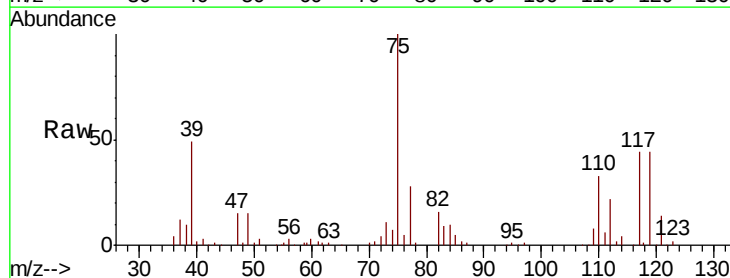
Manual Integrations
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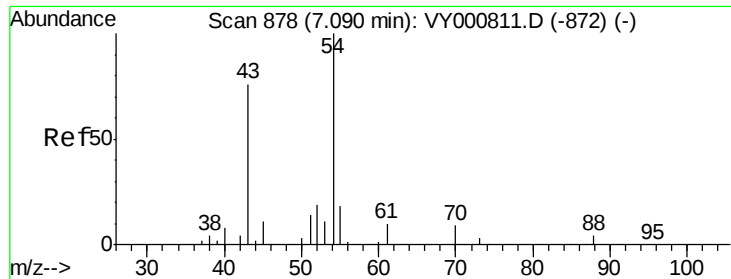
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#36
1,1-Dichloropropene
Concen: 19.974 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	122116		
110	35.2	17.9	53.7	
77	30.2	24.7	37.1	





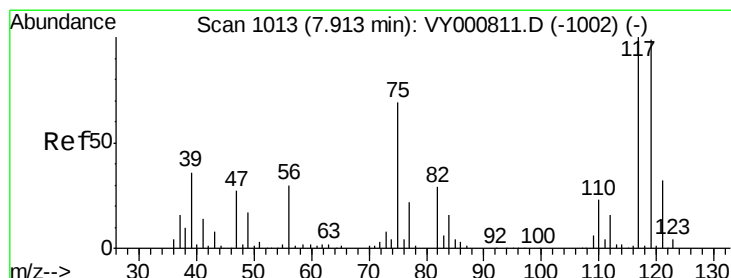
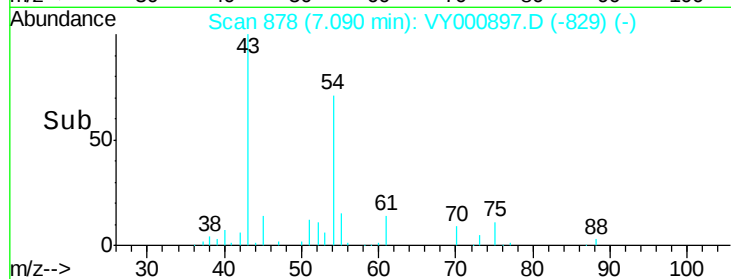
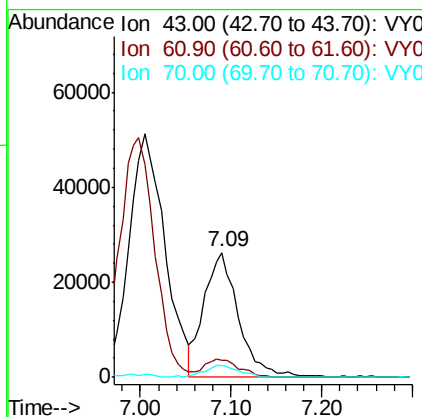
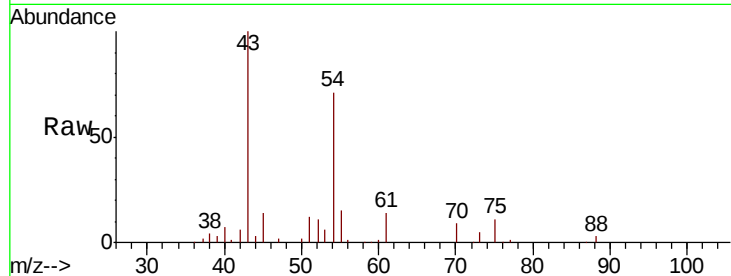
#37
Ethyl Acetate
Concen: 19.576 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.8
70	10.2	8.7	13.1

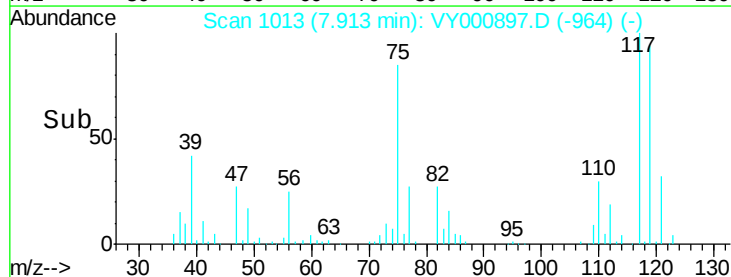
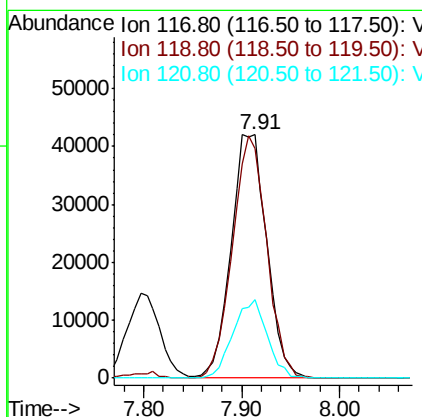
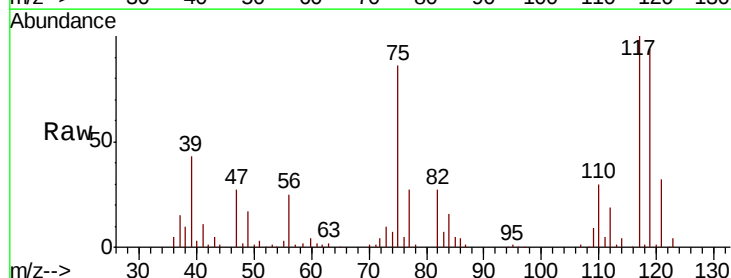
Manual Integrations
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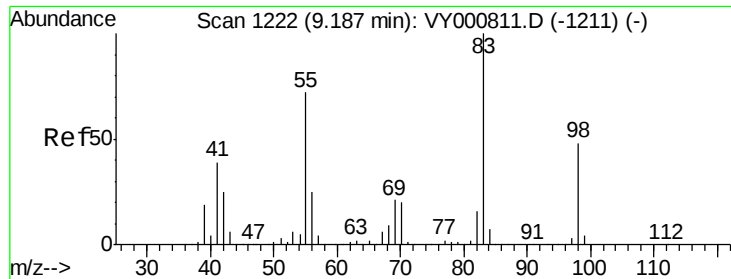
apatel
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#38
Carbon Tetrachloride
Concen: 19.572 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	79.3	118.9
121	32.2	25.5	38.3





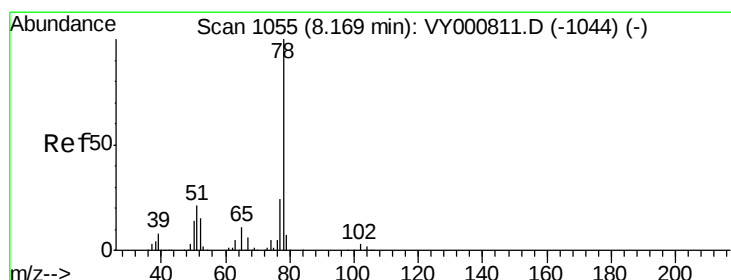
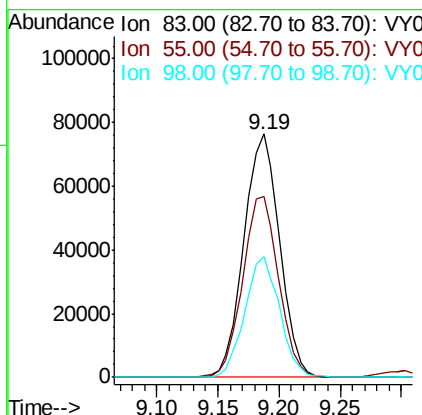
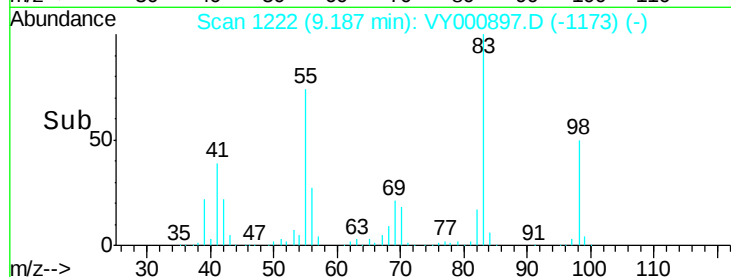
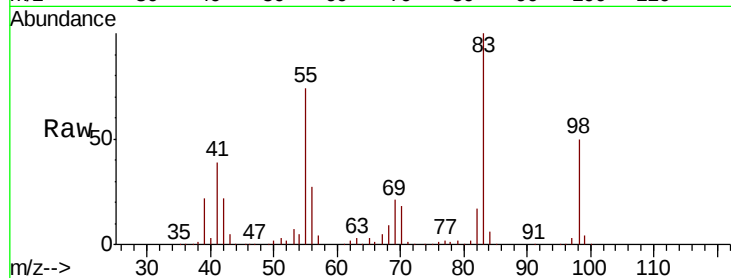
#39
Methvlcvclohexane
Concen: 19.178 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	83	Resp	155341
Ion Ratio	100	Lower	Upper
83	100		
55	74.1	57.8	86.6
98	49.6	38.6	58.0

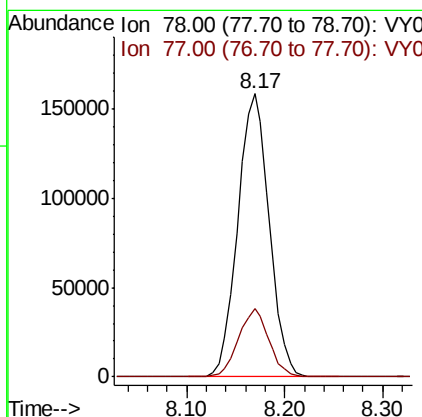
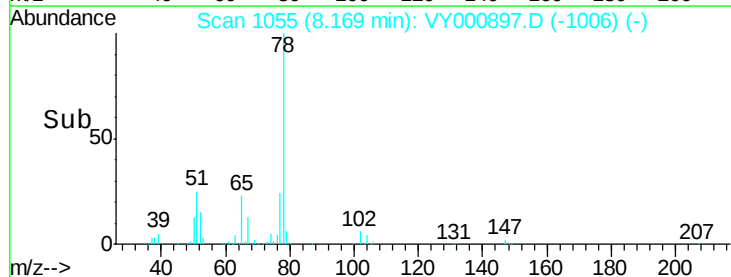
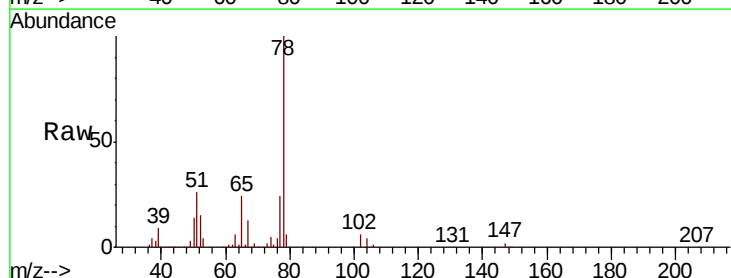
Manual Integrations
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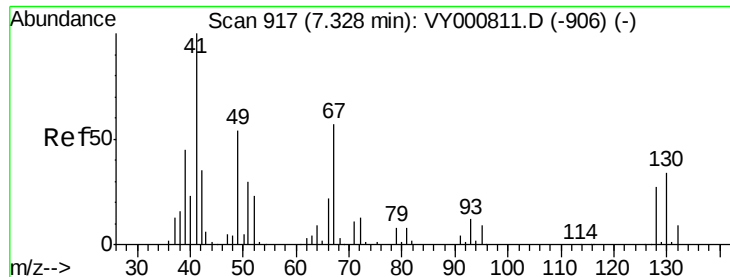
apatel
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#40
Benzene
Concen: 19.798 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	78	Resp	352562
Ion Ratio	100	Lower	Upper
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 15.099 ug/l

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 41 Resp: 28093

Ion Ratio Lower Upper

41 100

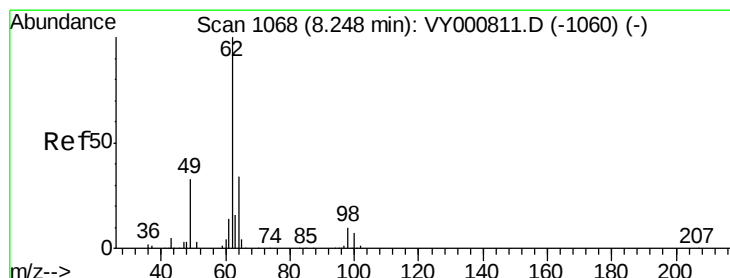
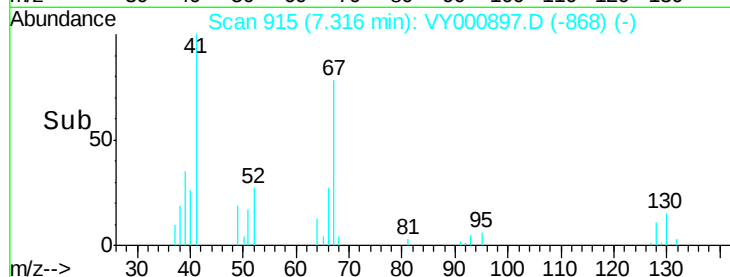
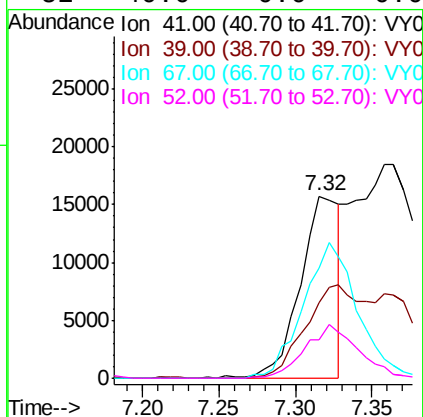
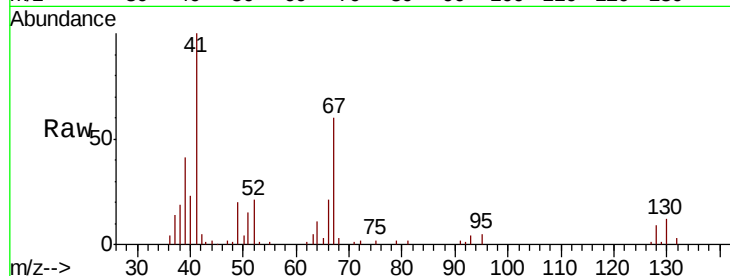
39 81.9 95.7 143.5#

67 103.6 0.0 0.0#

52 40.0 0.0 0.0#

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#42

1,2-Dichloroethane

Concen: 19.009 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000897.D

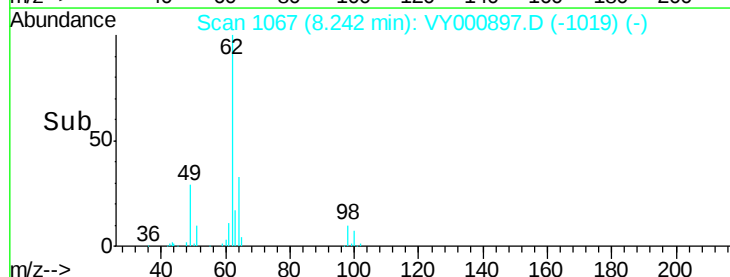
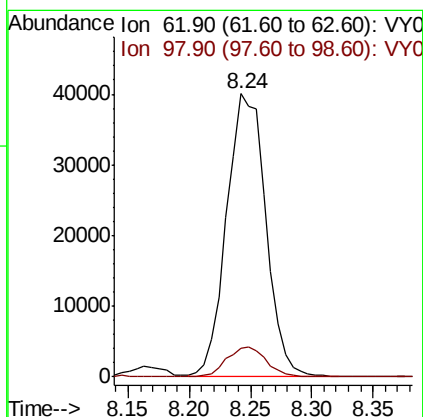
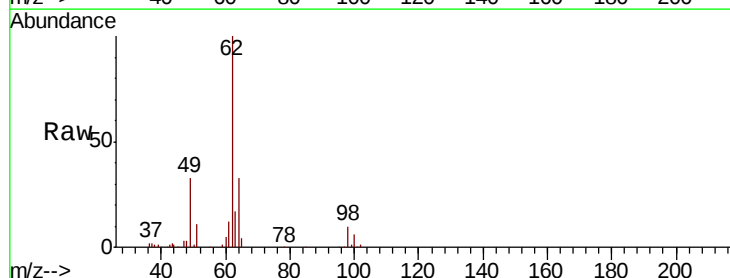
Acq: 06 Dec 2019 13:33

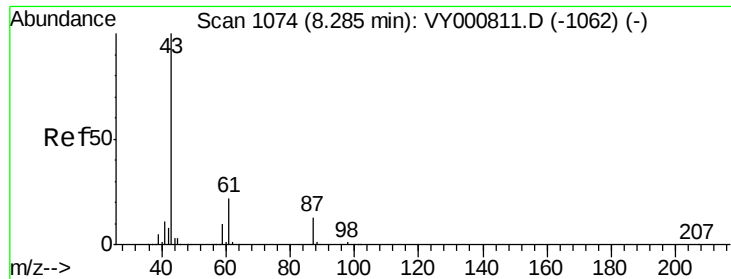
Tgt Ion: 62 Resp: 89029

Ion Ratio Lower Upper

62 100

98 10.7 0.0 21.4





#43

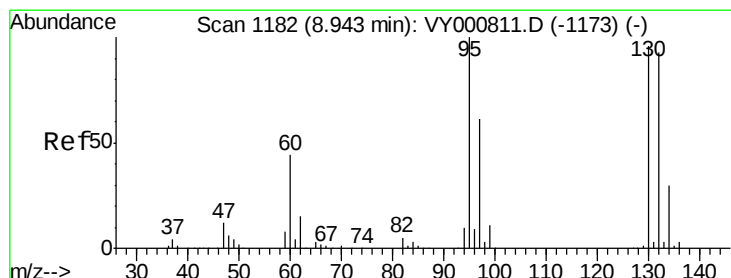
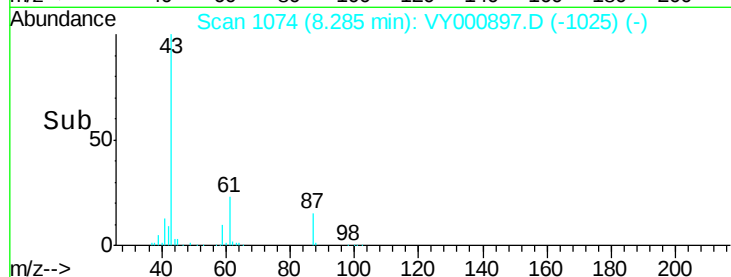
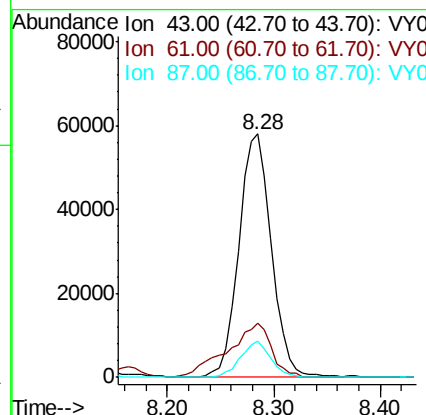
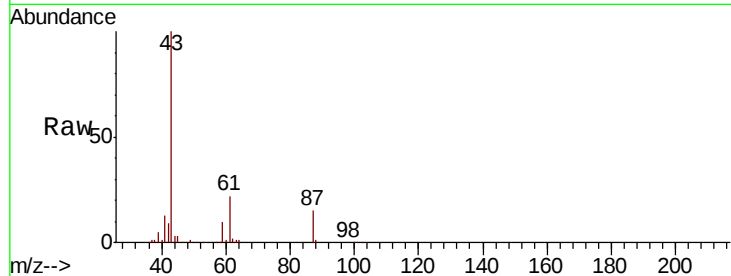
Isopropyl Acetate
 Concen: 18.608 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.7	35.5
87	13.9	10.6	15.8

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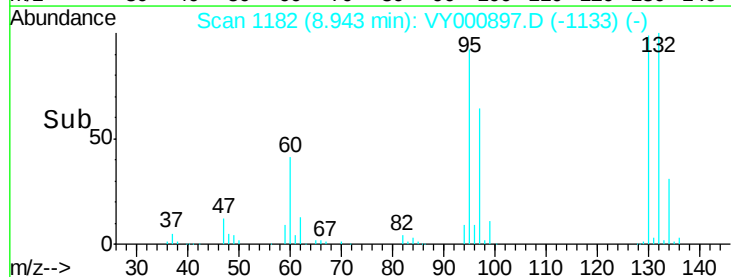
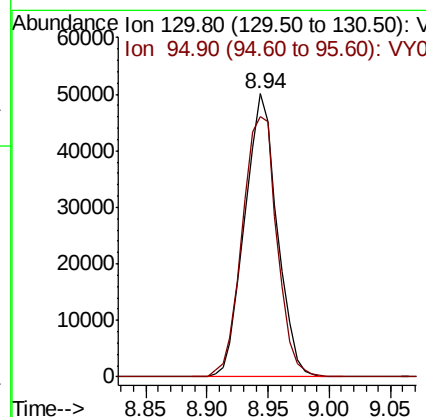
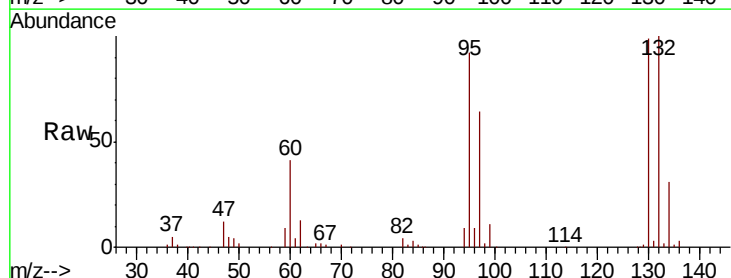
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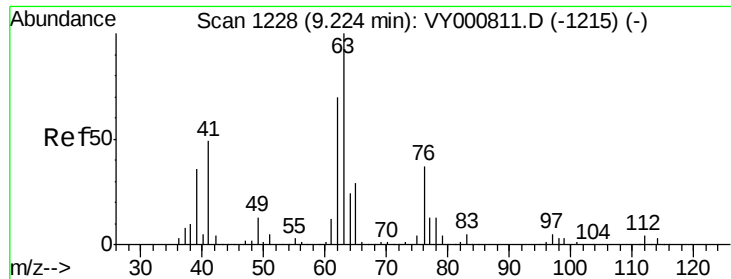


#44

Trichloroethene
 Concen: 20.186 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	207.8





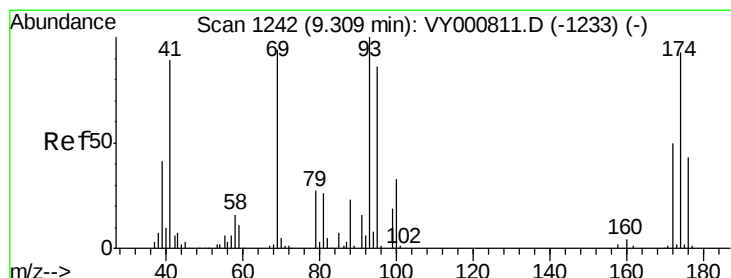
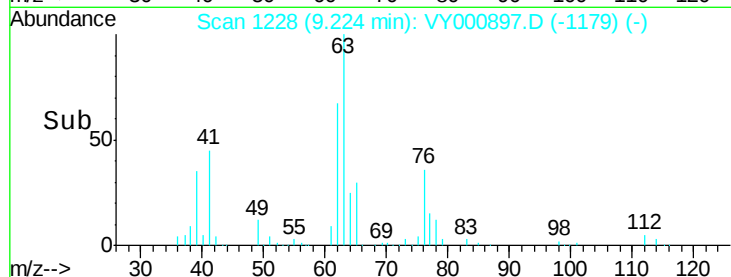
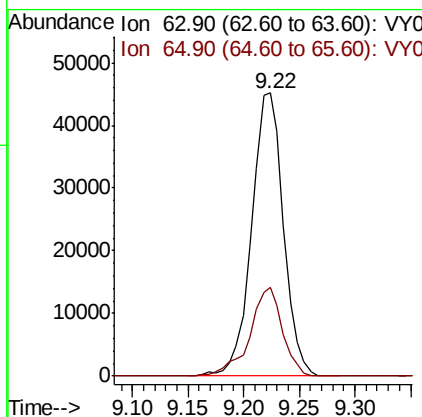
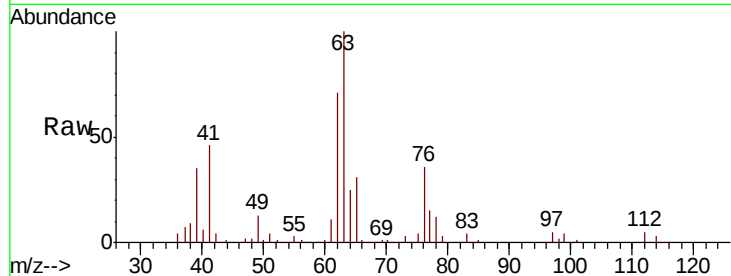
#45
 1,2-Dichloropropane
 Concen: 20.075 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.2	34.8

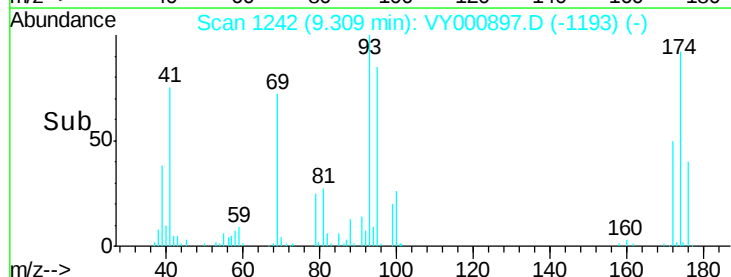
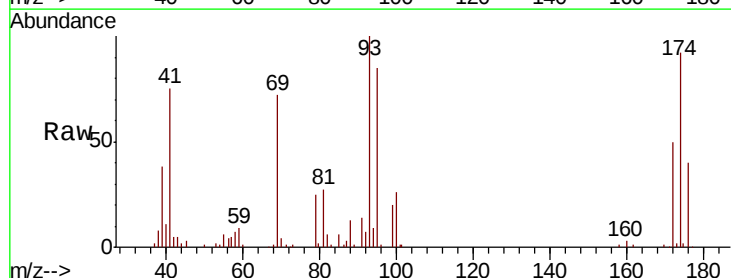
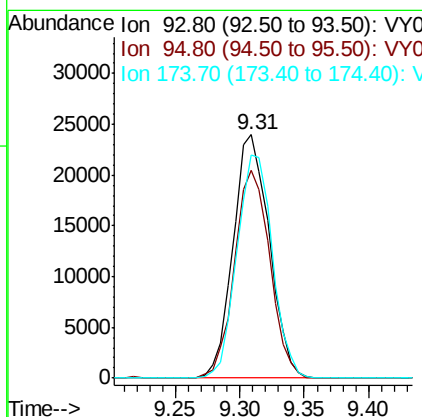
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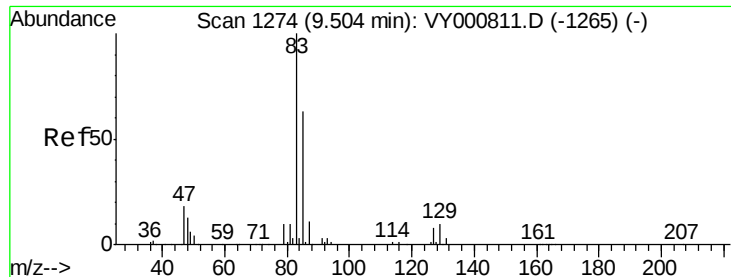
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#46
 Dibromomethane
 Concen: 19.988 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.4	99.6
174	89.8	73.0	109.6





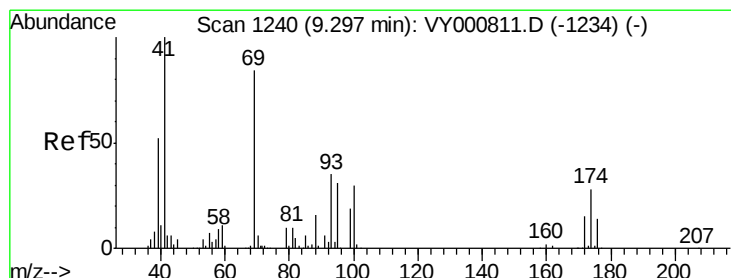
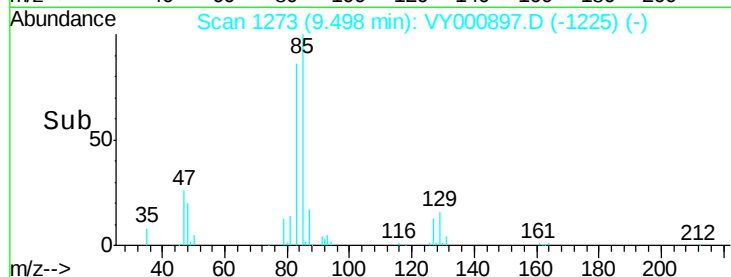
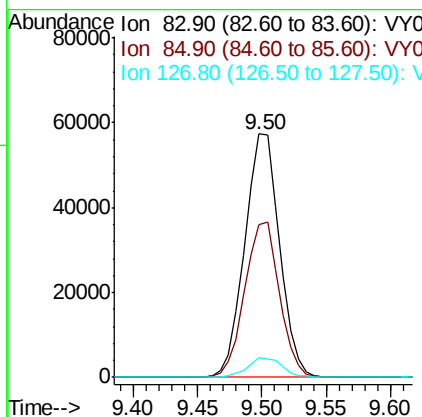
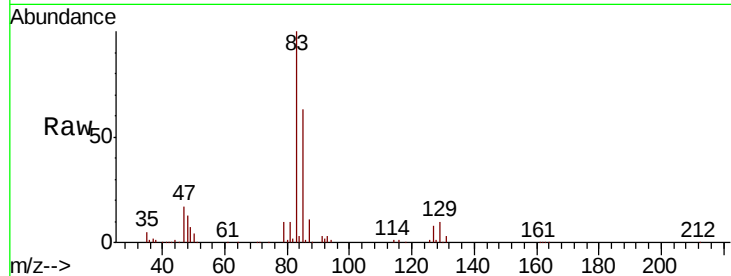
#47
Bromodichloromethane
Concen: 19.494 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	83	Resp	107029
Ion Ratio	100	Lower	Upper
85	62.7	50.8	76.2
127	8.2	6.6	10.0

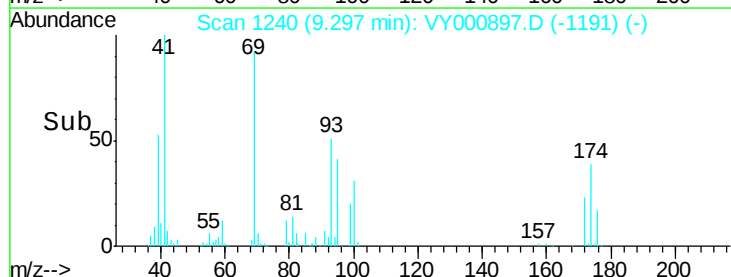
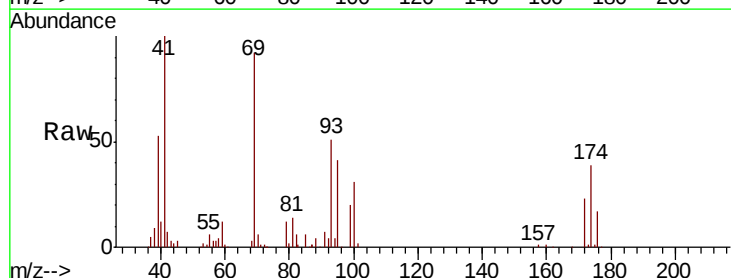
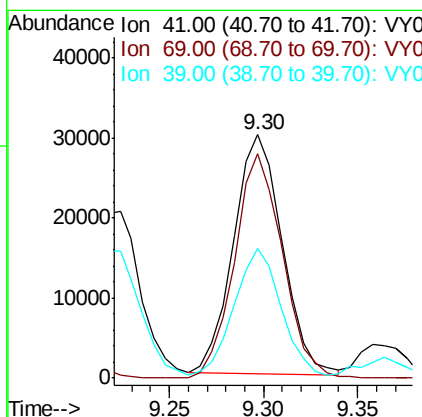
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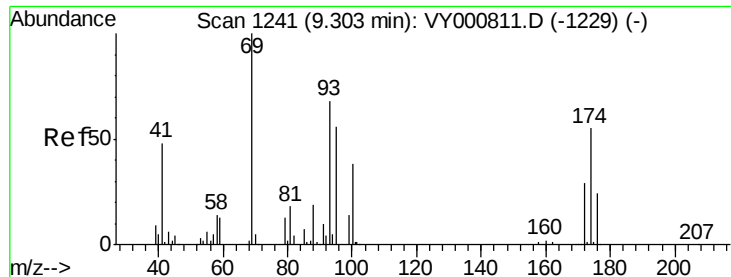
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#48
Methyl methacrylate
Concen: 18.332 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	41	Resp	53626
Ion Ratio	100	Lower	Upper
69	92.7	70.4	105.6
39	53.0	40.9	61.3





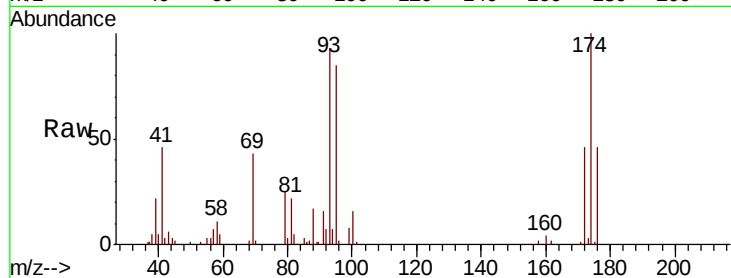
#49
1,4-Dioxane
Concen: 390.143 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

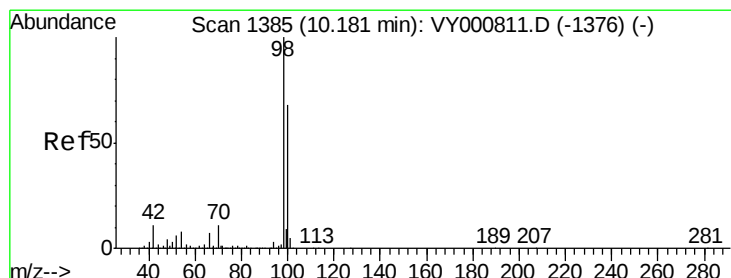
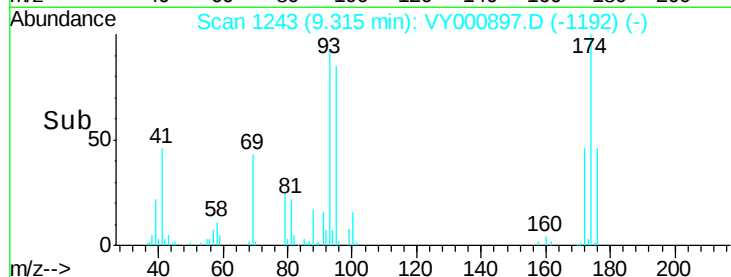
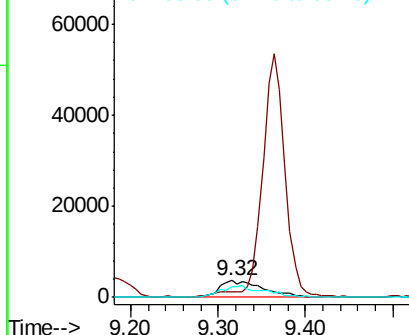
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.1	31.7#
58	70.8	50.7	76.1

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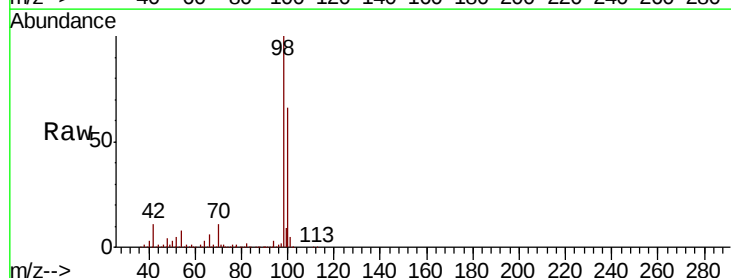


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

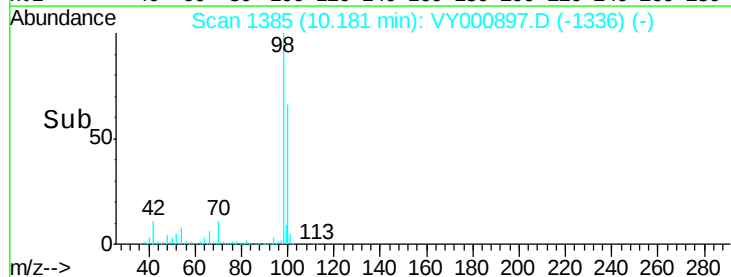
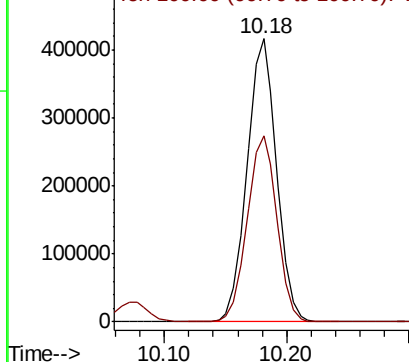


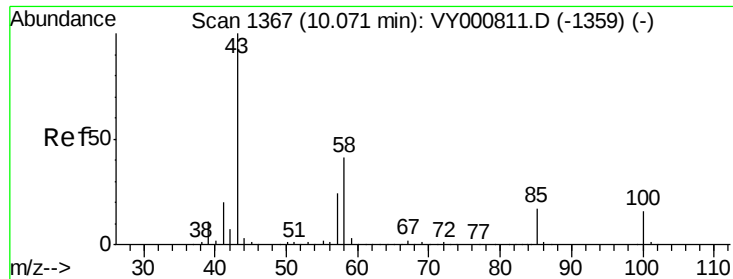
#50
Toluene-d8
Concen: 48.774 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 95.153 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 43 Resp: 327060

Ion Ratio Lower Upper

43 100

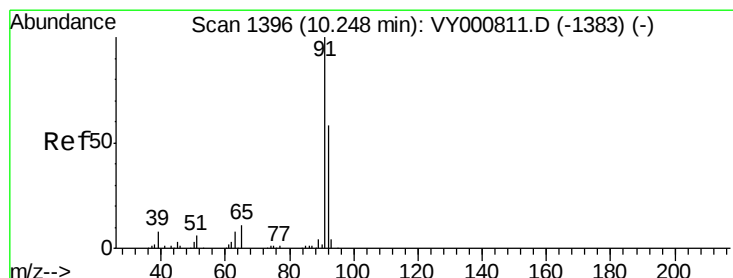
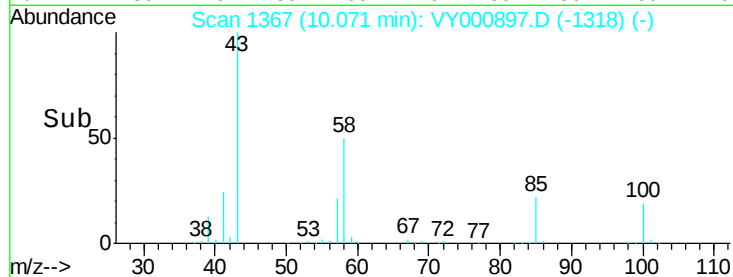
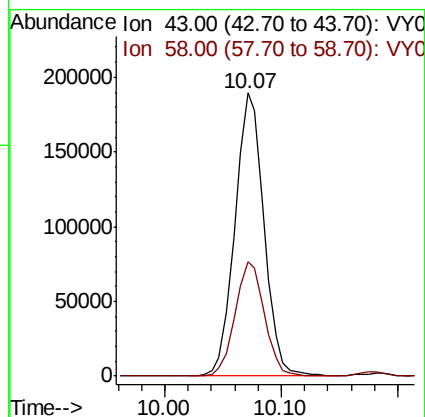
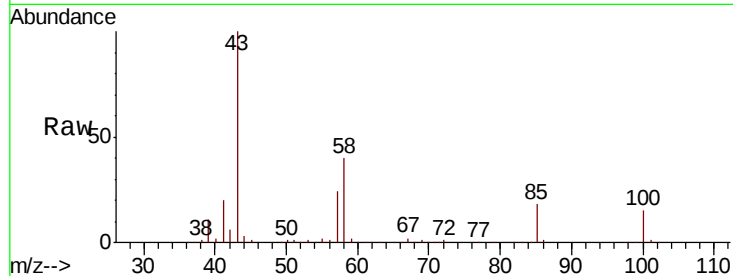
58 40.8 33.1 49.7

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#52

Toluene

Concen: 19.702 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000897.D

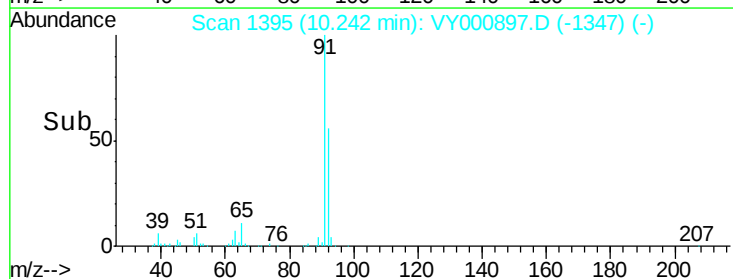
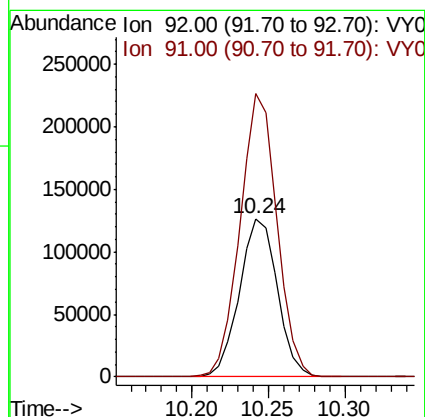
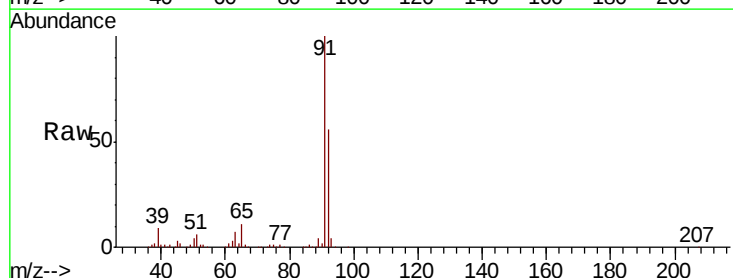
Acq: 06 Dec 2019 13:33

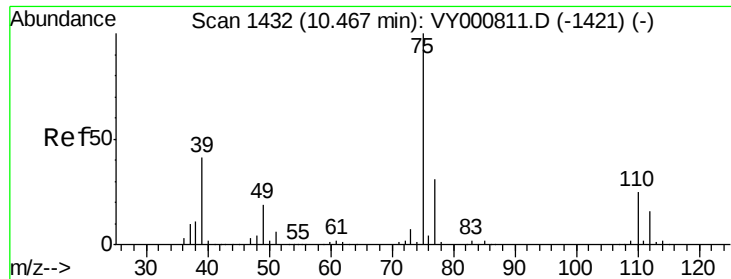
Tgt Ion: 92 Resp: 217239

Ion Ratio Lower Upper

92 100

91 174.3 136.6 204.8





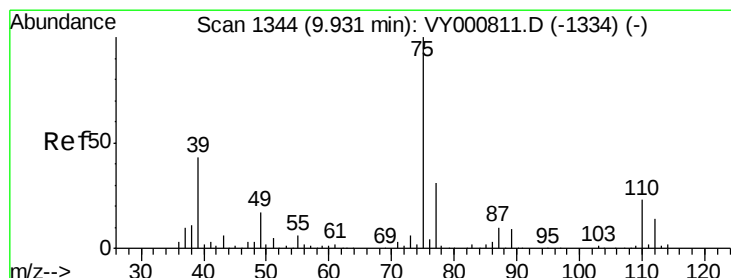
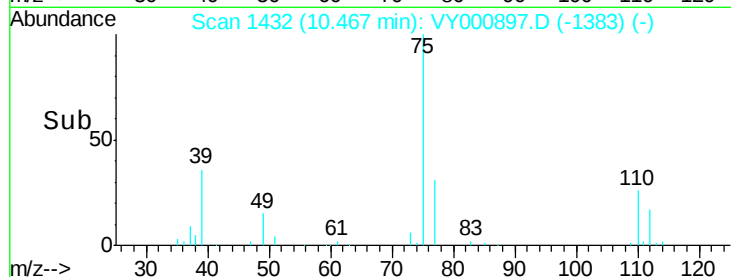
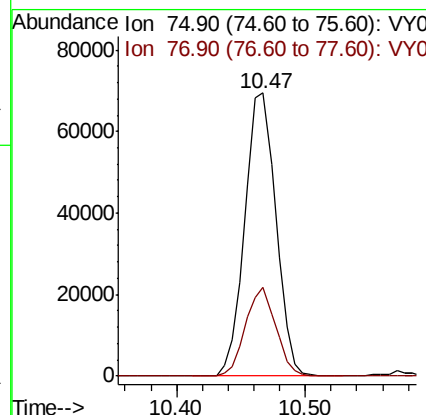
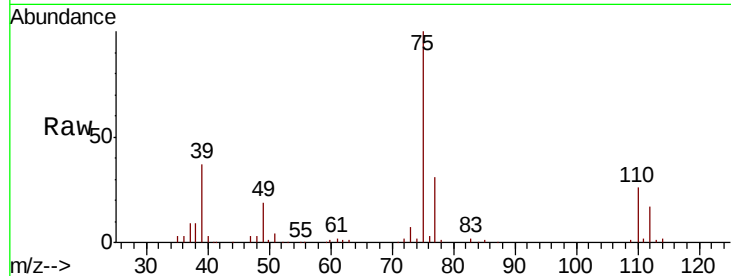
#53
t-1,3-Dichloropropene
Concen: 19.661 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 75 Resp: 115972
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

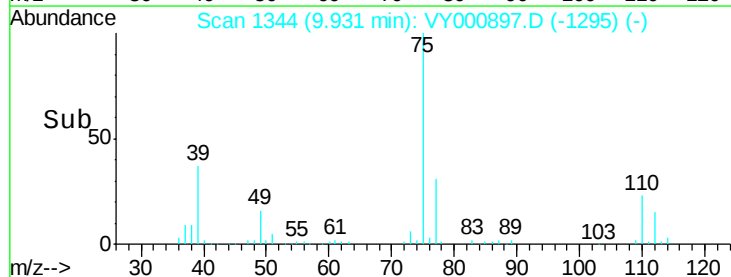
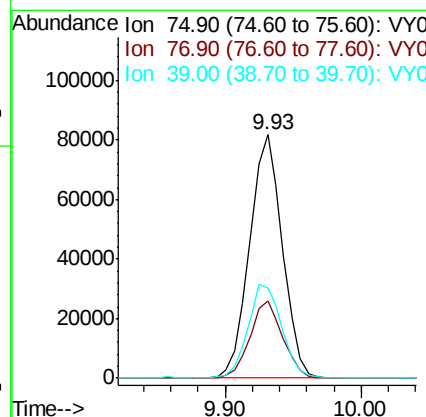
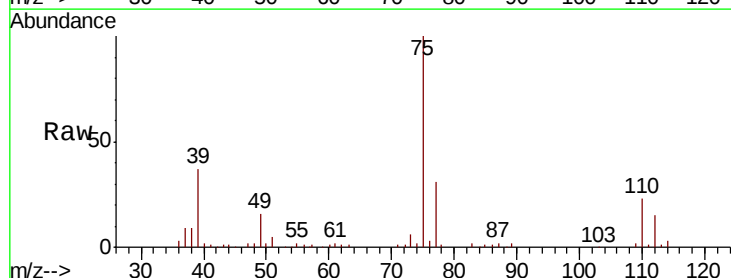
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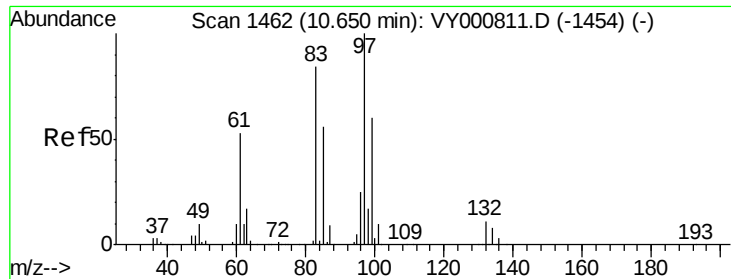
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#54
cis-1,3-Dichloropropene
Concen: 19.760 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion: 75 Resp: 137772
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1
39 36.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.448 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

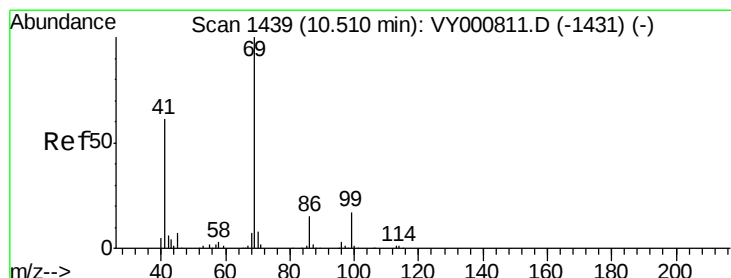
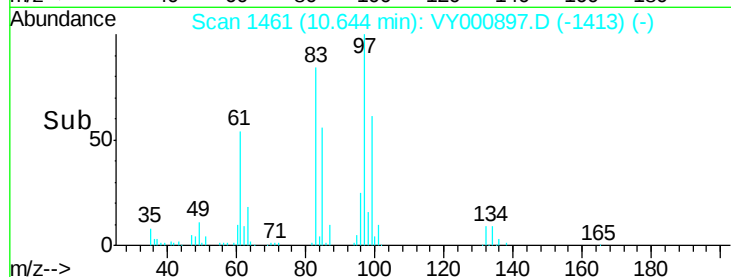
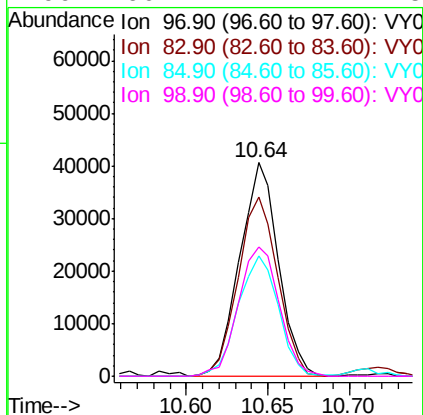
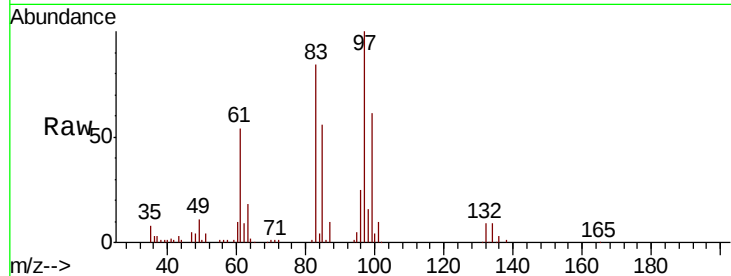
ClientSampleId :

VY1206SBS01

Tot Ion:	97	Resp:	67154
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.5	101.3
85	56.1	44.5	66.7
99	60.7	47.7	71.5

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#56

Ethyl methacrylate

Concen: 19.944 ug/l

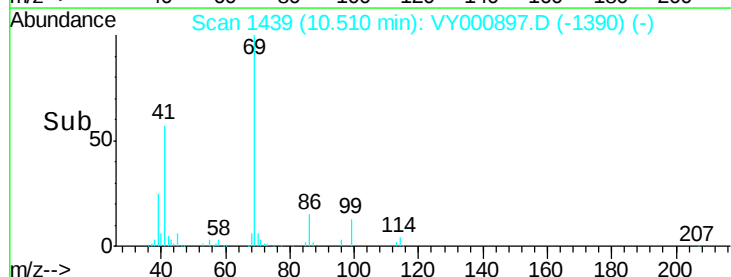
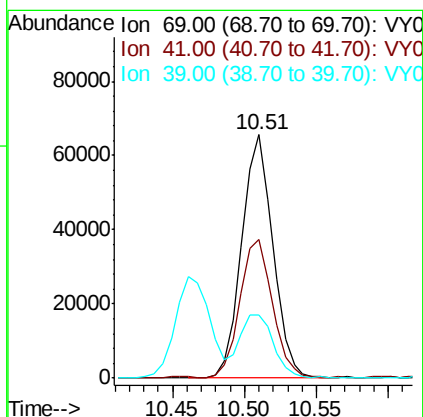
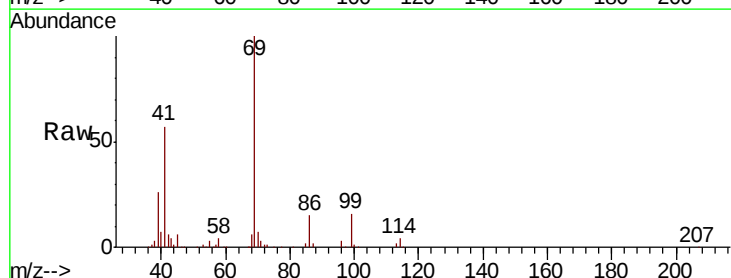
RT: 10.51 min Scan# 1439

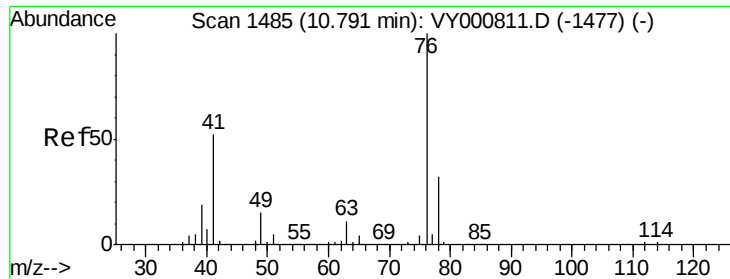
Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Tgt Ion:	69	Resp:	98516
Ion	Ratio	Lower	Upper
69	100		
41	59.1	49.0	73.6
39	28.8	23.1	34.7





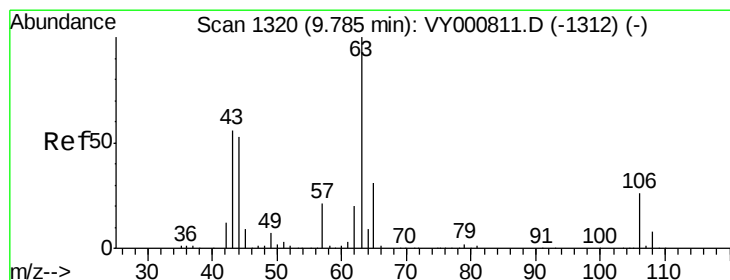
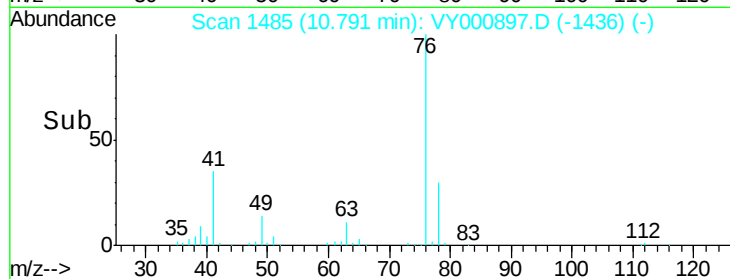
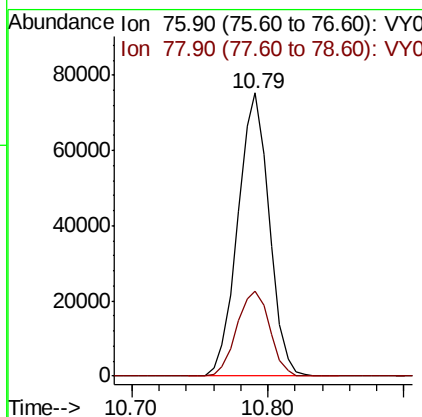
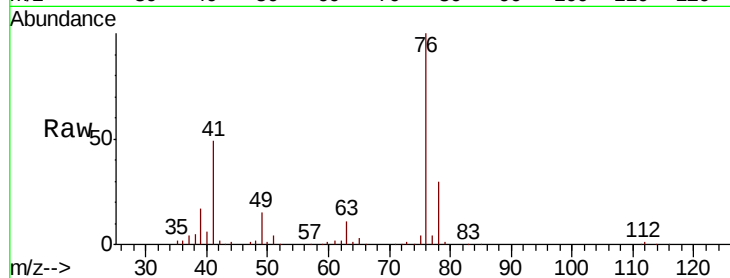
#57
 1,3-Dichloropropane
 Concen: 20.117 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.4	39.6

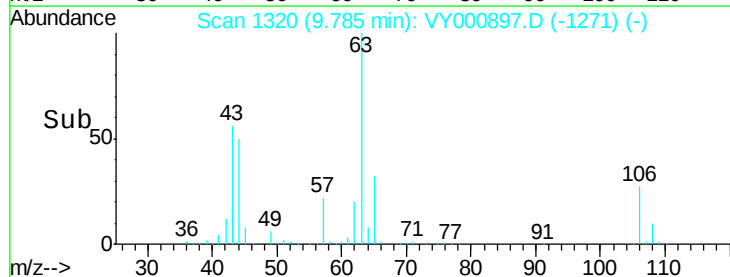
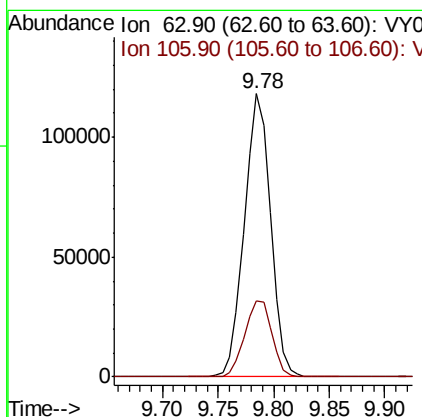
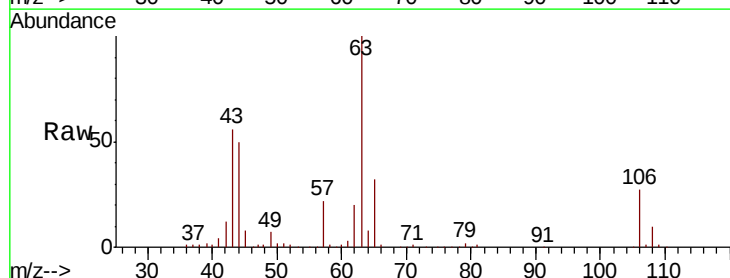
Manual Integrations
 APPROVED

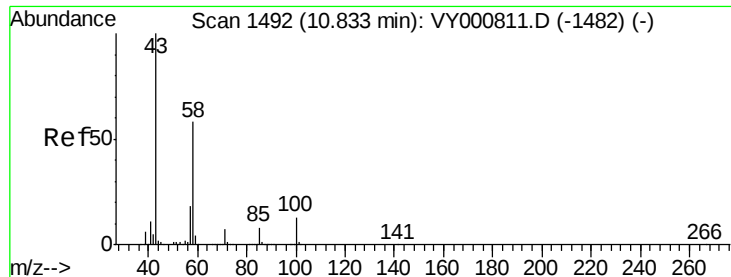
apatel
 12/9/2019 11:24:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.283 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.5	32.3





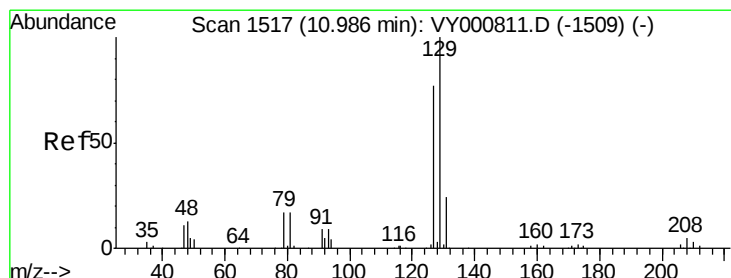
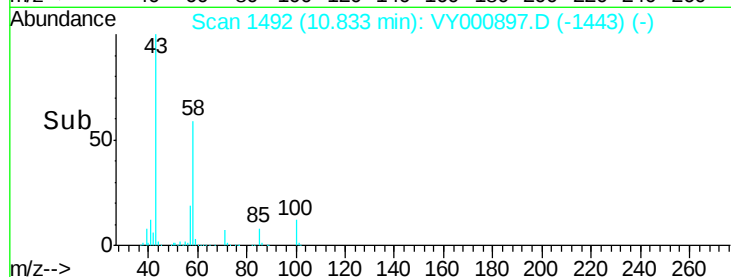
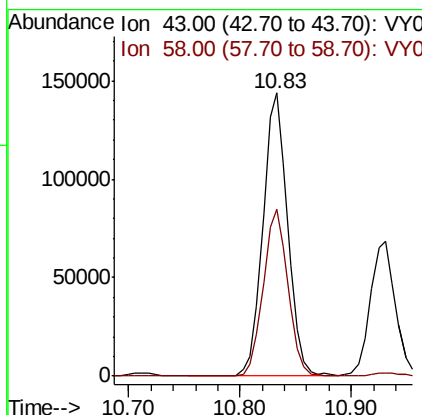
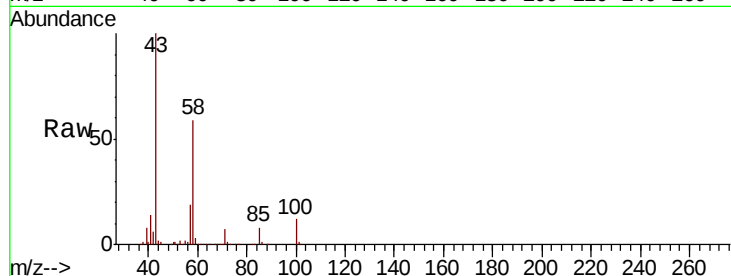
#59
2-Hexanone
Concen: 88.888 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 43 Resp: 222630
Ion Ratio Lower Upper
43 100
58 59.0 29.0 87.1

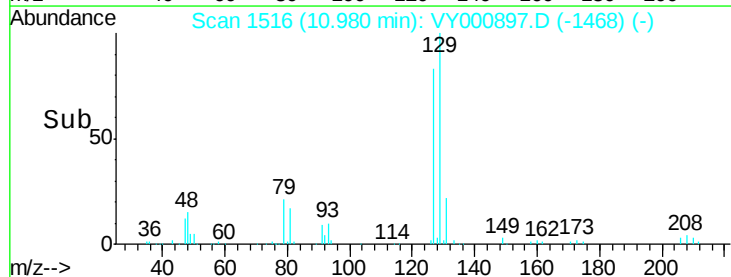
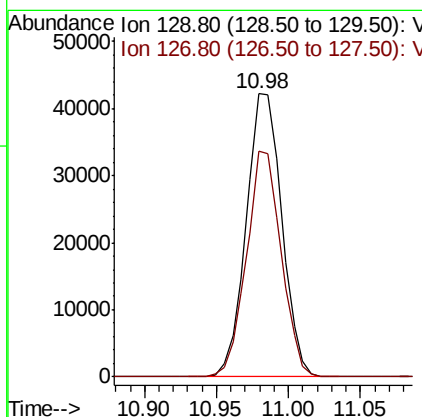
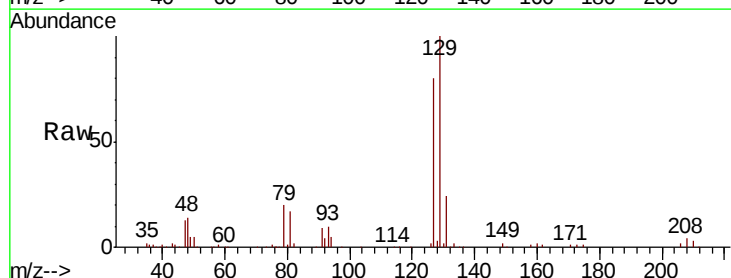
Manual Integrations
APPROVED

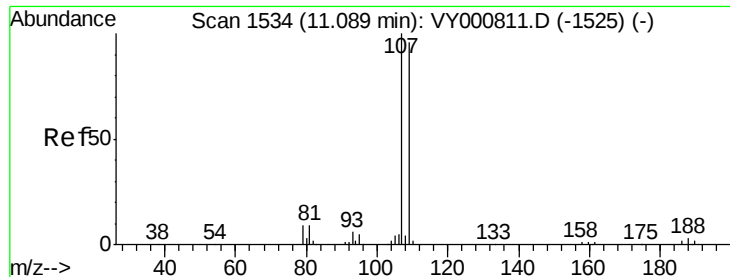
apatel
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#60
Dibromochloromethane
Concen: 19.390 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion: 129 Resp: 72077
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.606 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 107 Resp: 67056

Ion Ratio Lower Upper

107 100

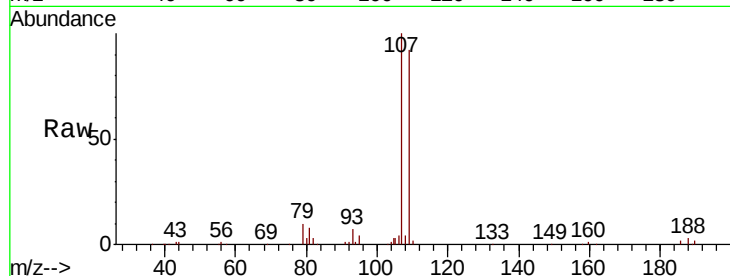
109 91.4 75.9 113.9

Manual Integrations

APPROVED

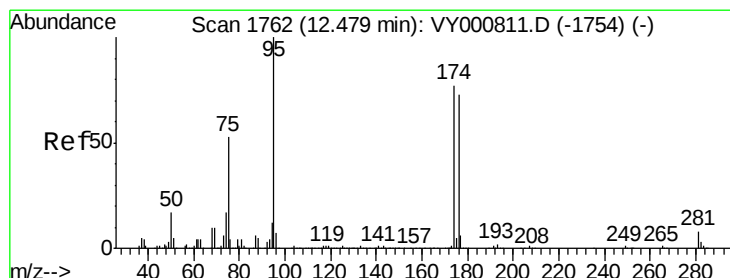
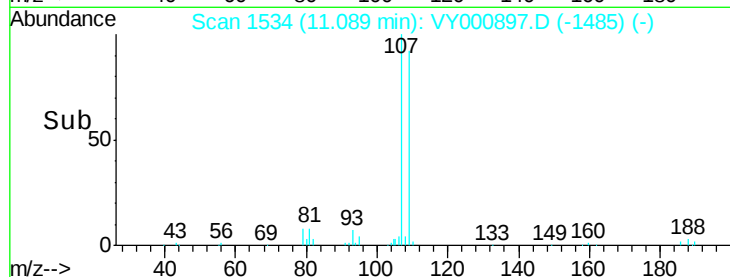
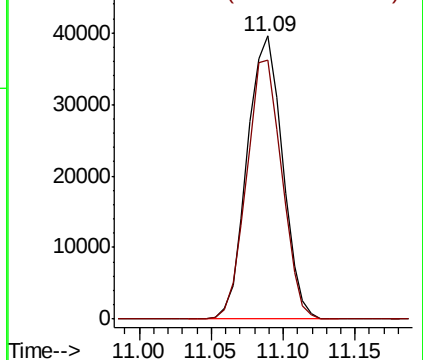
apatel

12/9/2019 11:24:15 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.823 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

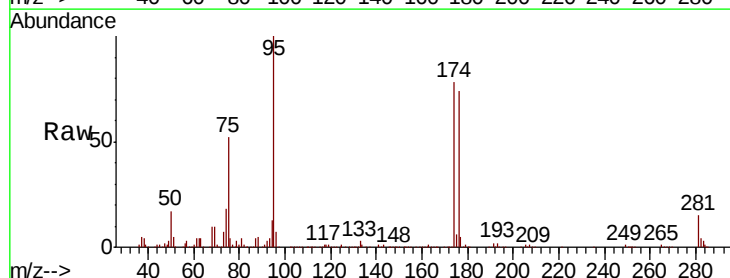
Tgt Ion: 95 Resp: 241170

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.6

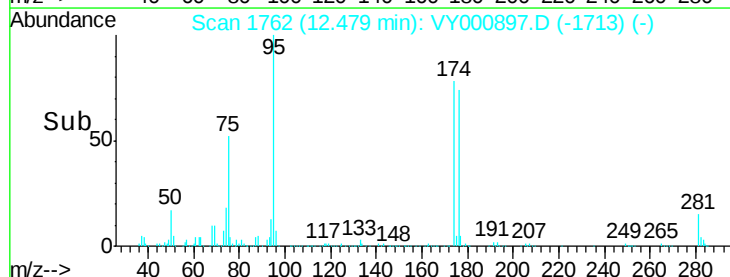
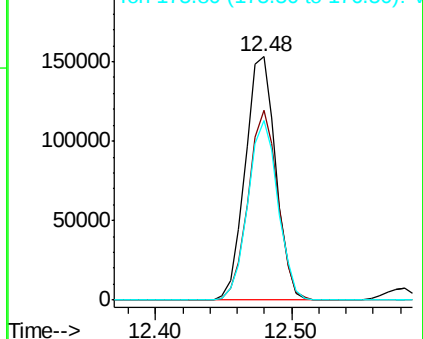
176 72.9 0.0 145.2

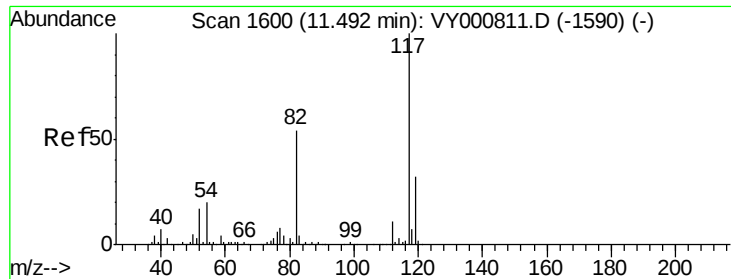


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





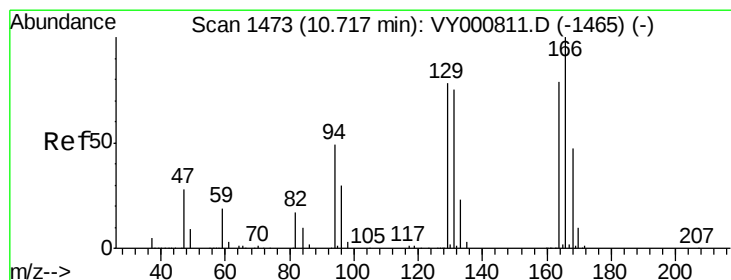
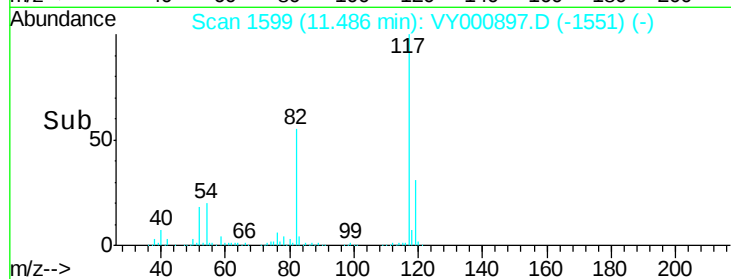
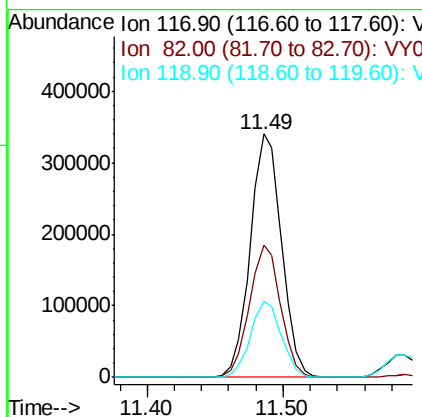
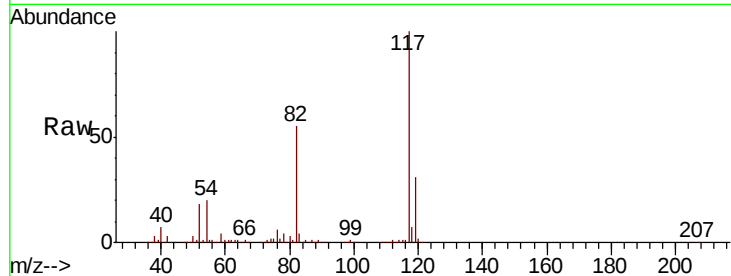
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	548613		
82	54.6		43.1	64.7
119	31.3		25.3	37.9

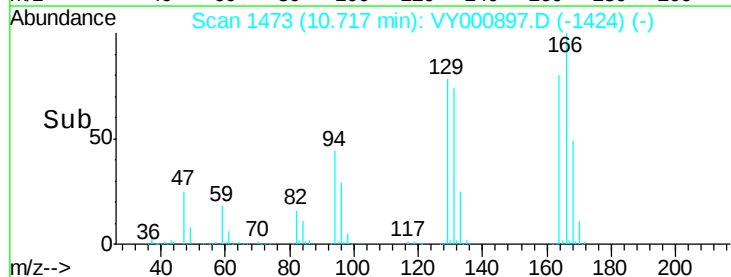
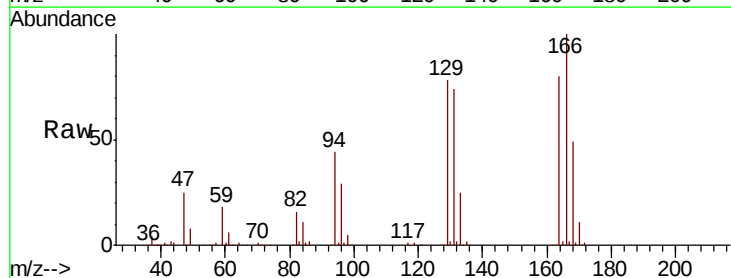
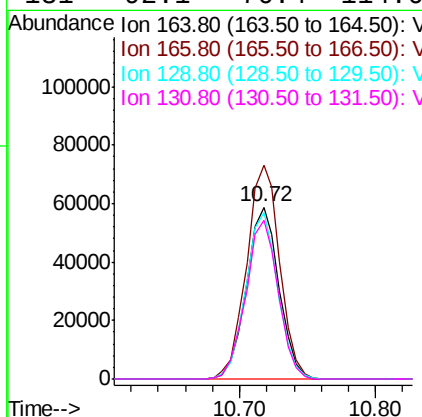
Manual Integrations
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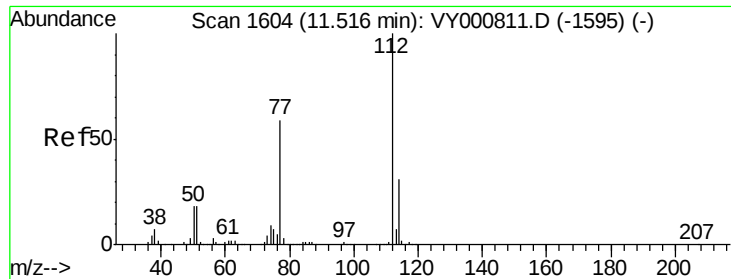
apatel
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#64
Tetrachloroethene
Concen: 20.672 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98534		
166	124.3		101.8	152.8
129	96.9		79.3	118.9
131	92.1		76.4	114.6





#65

Chlorobenzene

Concen: 19.813 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion:112 Resp: 225937

Ion Ratio Lower Upper

112 100

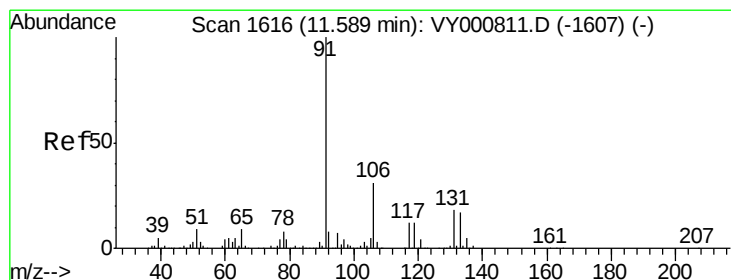
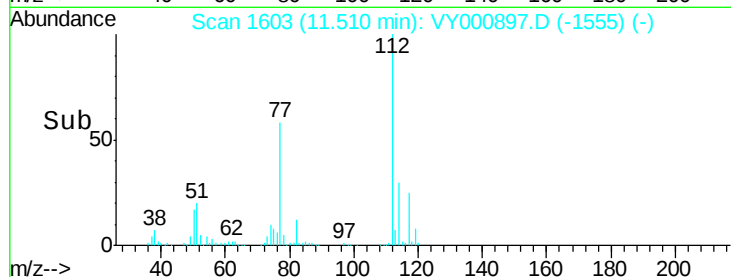
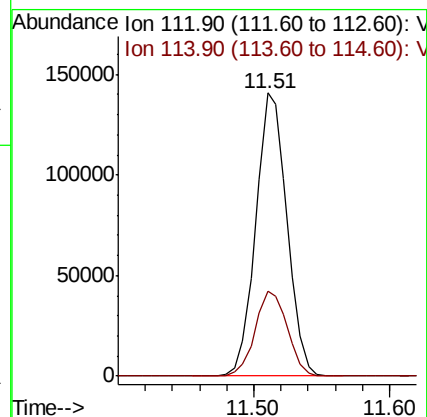
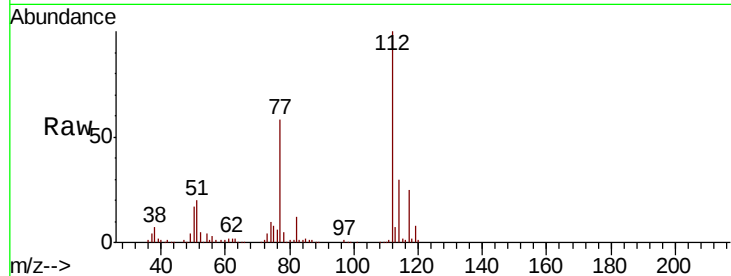
114 30.0 25.1 37.7

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.661 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

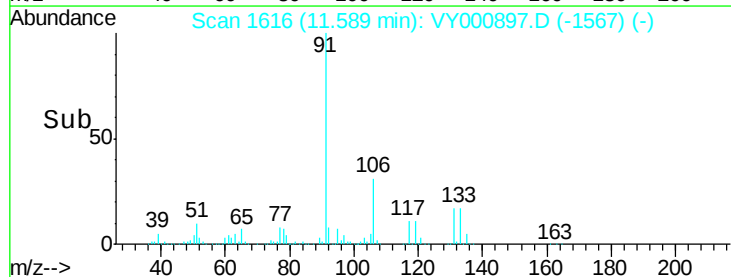
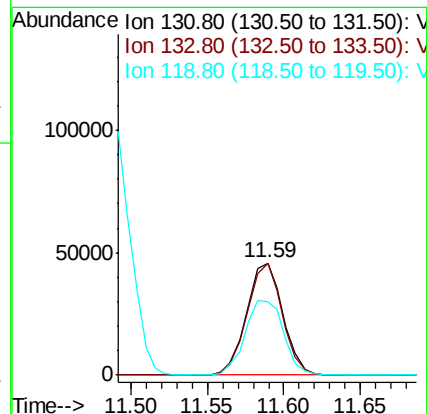
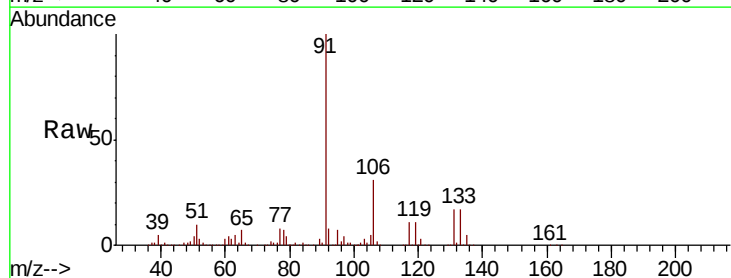
Tgt Ion:131 Resp: 75560

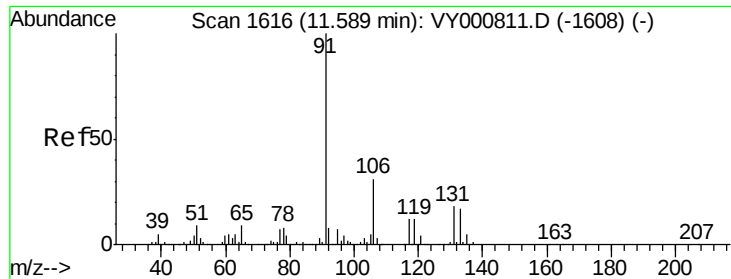
Ion Ratio Lower Upper

131 100

133 96.3 47.4 142.2

119 71.2 33.8 101.3





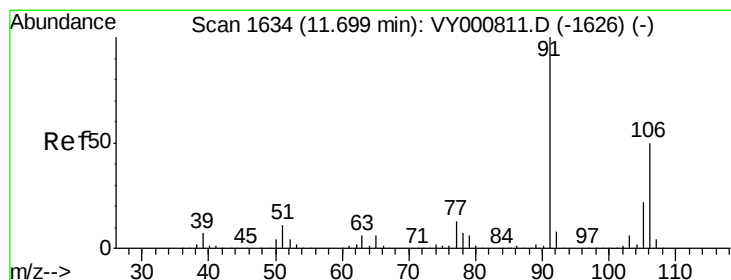
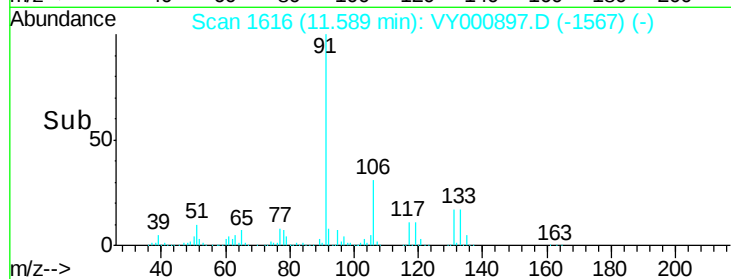
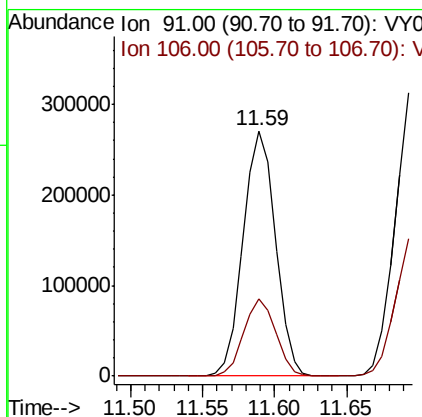
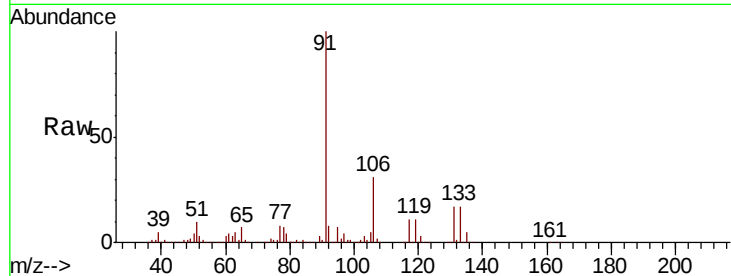
#67
Ethyl Benzene
Concen: 19.840 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 91 Resp: 421373
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6

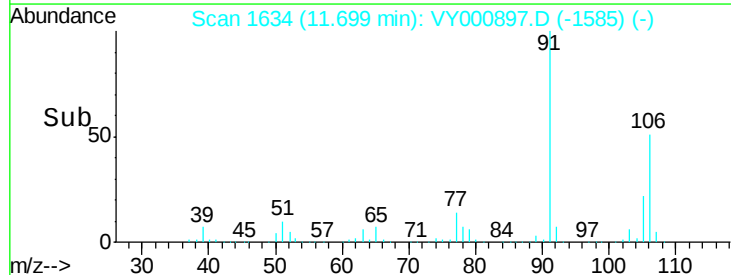
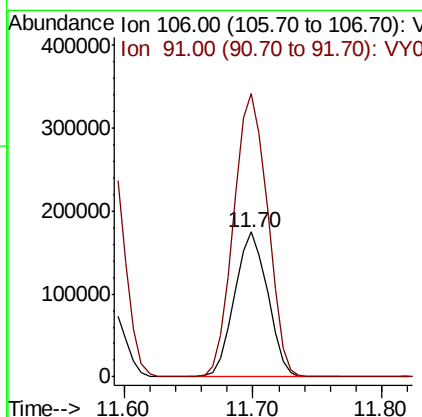
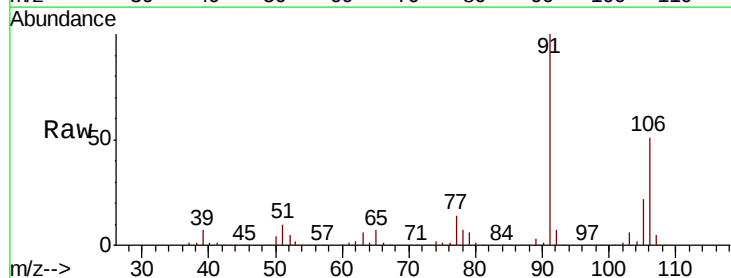
Manual Integrations
APPROVED

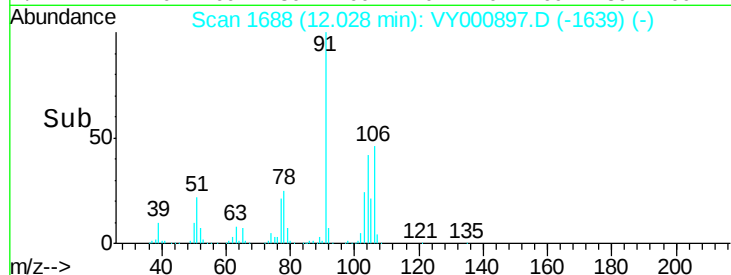
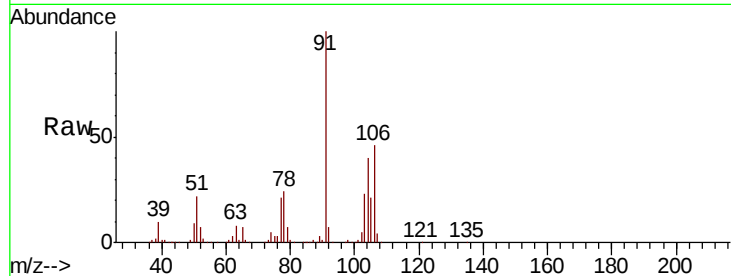
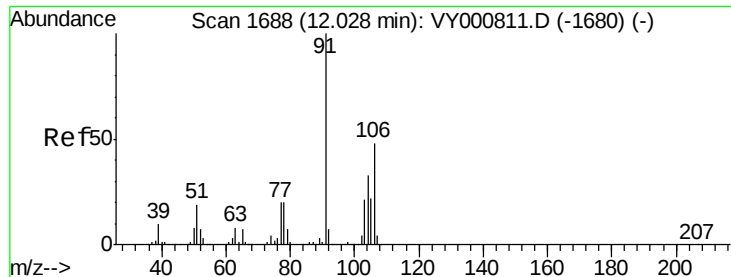
apatel
12/9/2019 11:24:15 AM



#68
m/p-Xylenes
Concen: 38.959 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion: 106 Resp: 310564
Ion Ratio Lower Upper
106 100
91 201.4 159.6 239.4





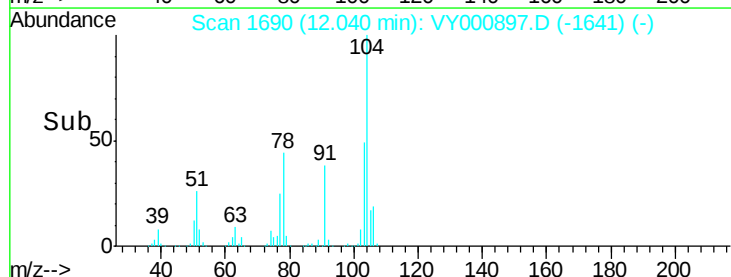
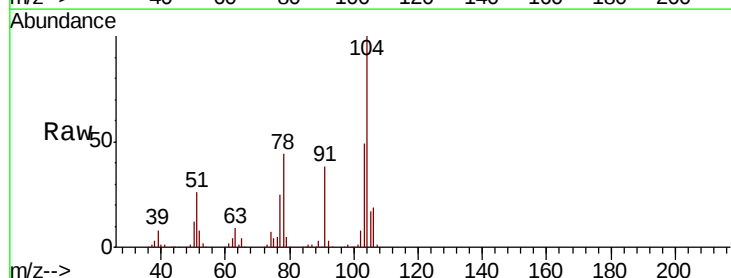
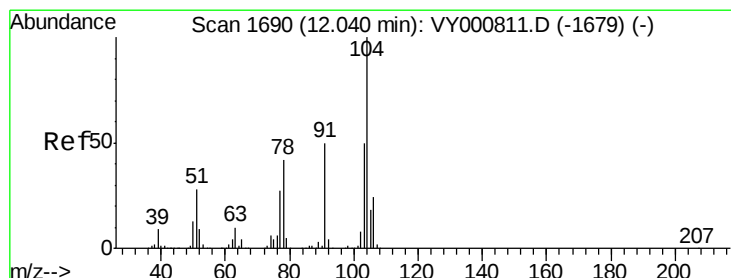
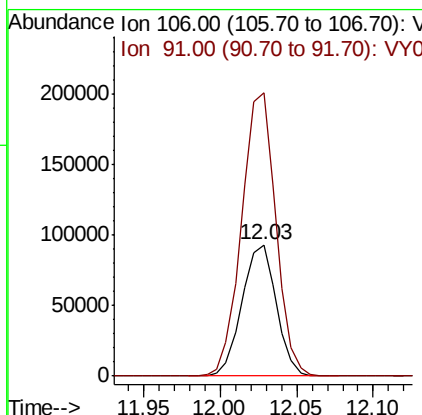
#69
o-Xylene
Concen: 19.539 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tot Ion:106 Resp: 145227
Ion Ratio Lower Upper
106 100
91 214.5 106.1 318.1

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

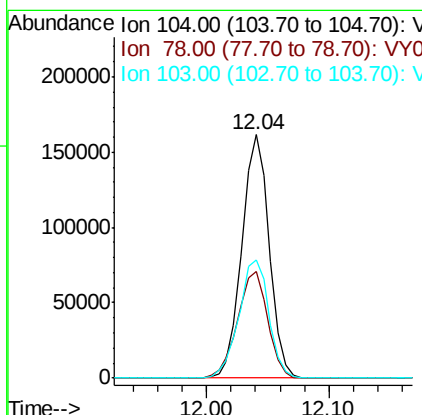
Manual Integrations
APPROVED

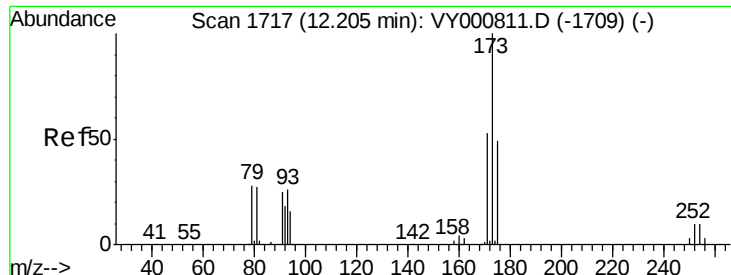
apatel
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#70
Styrene
Concen: 19.682 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion:104 Resp: 250489
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 53.4 43.4 65.0





#71

Bromoform

Concen: 19.175 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion:173 Resp: 41563

Ion Ratio Lower Upper

173 100

175 47.5 24.5 73.5

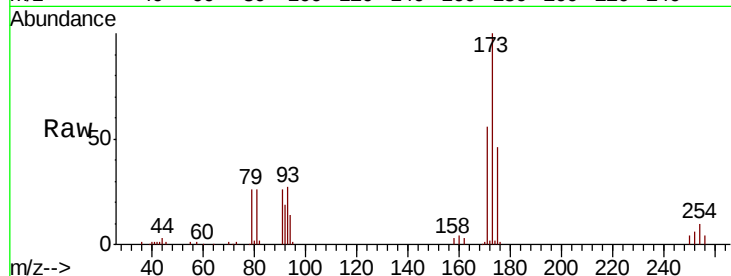
254 0.0 0.0 0.0

Manual Integrations

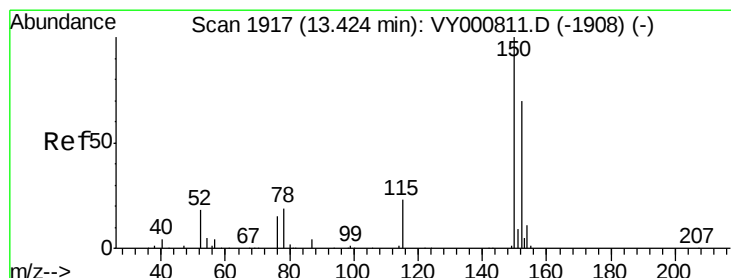
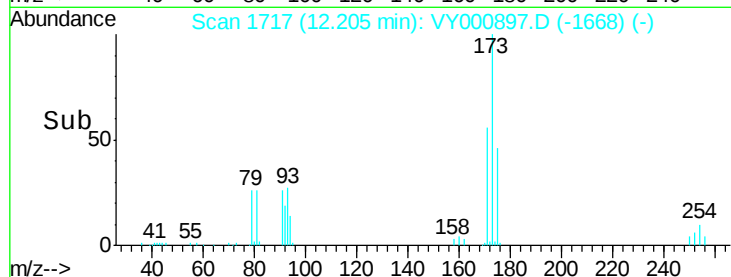
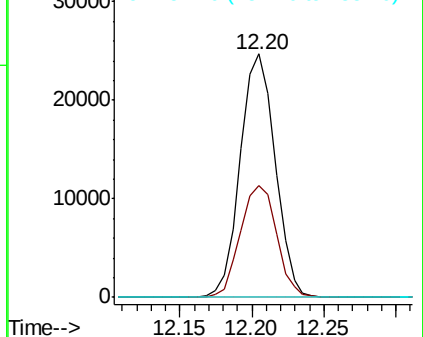
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

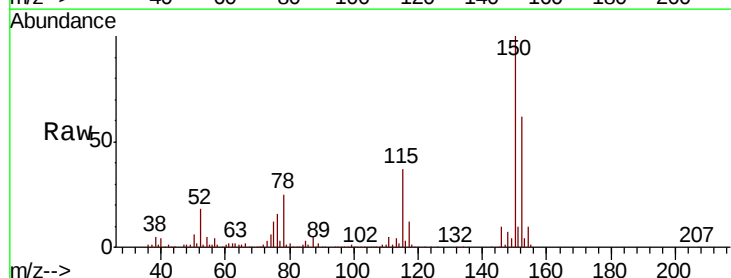
Tgt Ion:152 Resp: 248866

Ion Ratio Lower Upper

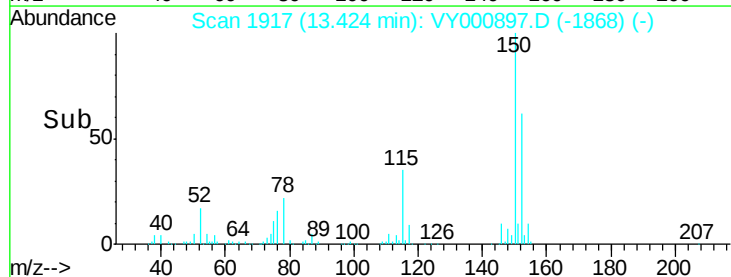
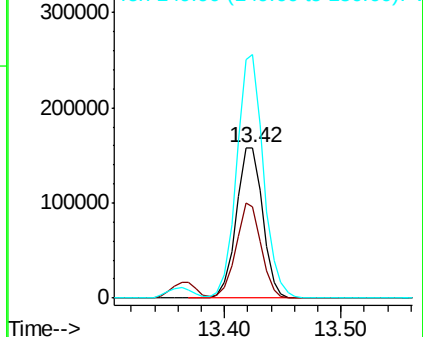
152 100

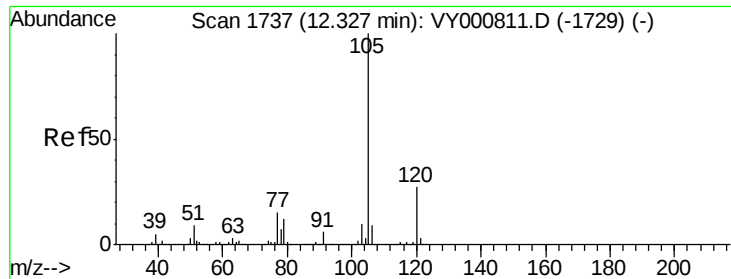
115 59.9 29.3 87.8

150 164.0 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





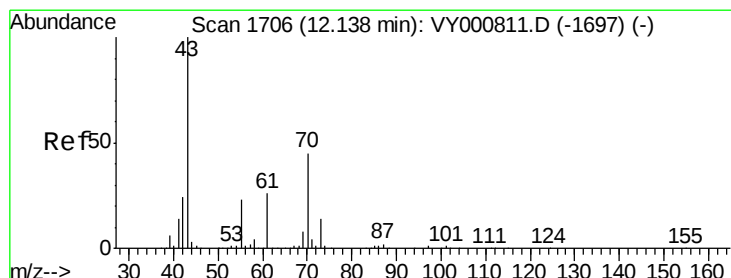
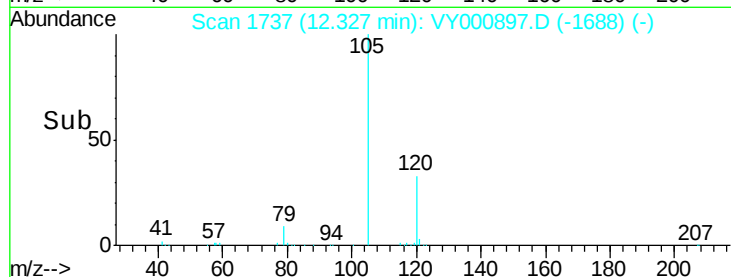
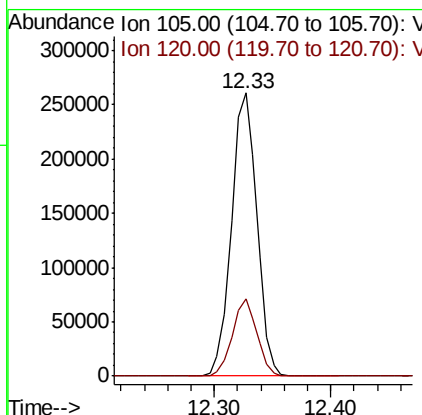
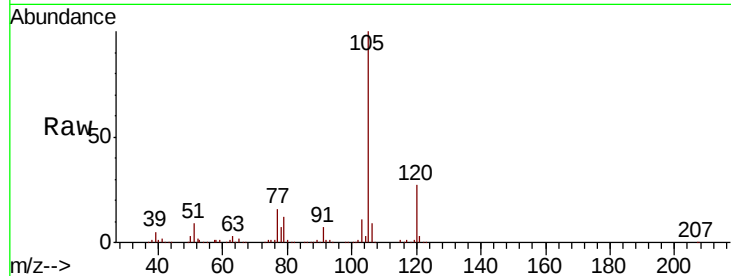
#73
Isopropylbenzene
Concen: 20.018 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	396668		
120	26.4		13.4	40.2

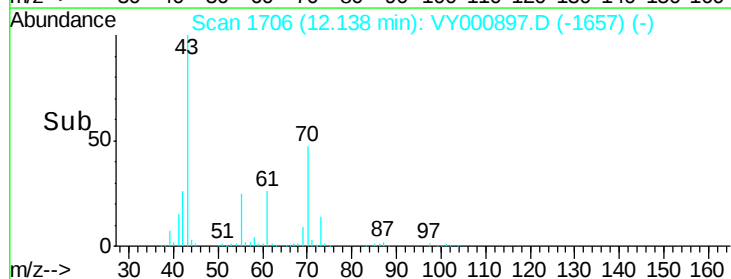
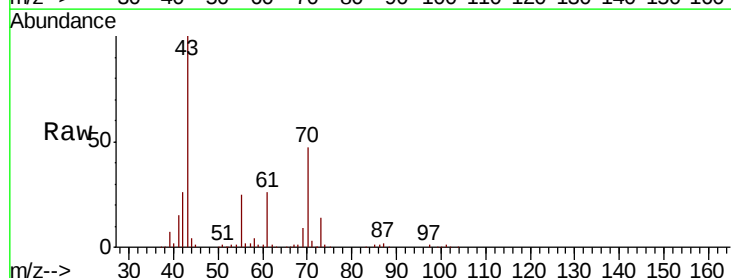
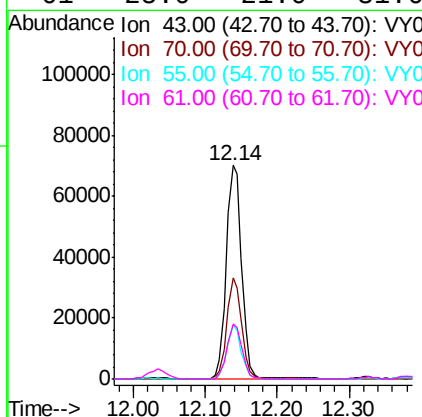
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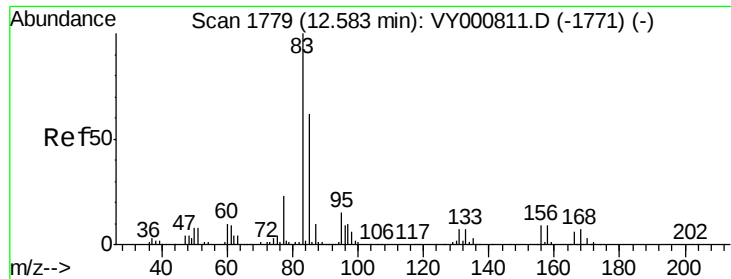
apatel
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#74
N-ethyl acetate
Concen: 19.309 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	106497		
70	45.0		36.6	54.8
55	23.8		18.8	28.2
61	25.0		21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.297 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

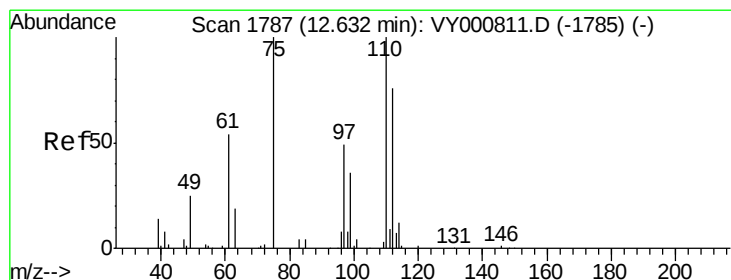
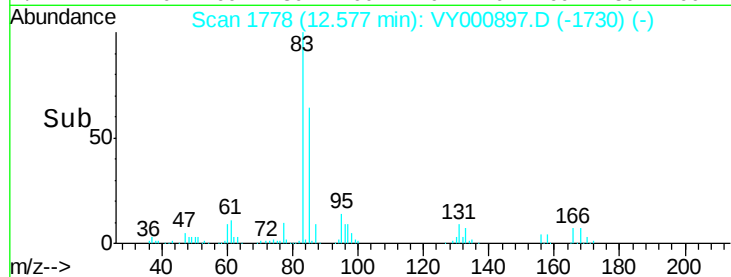
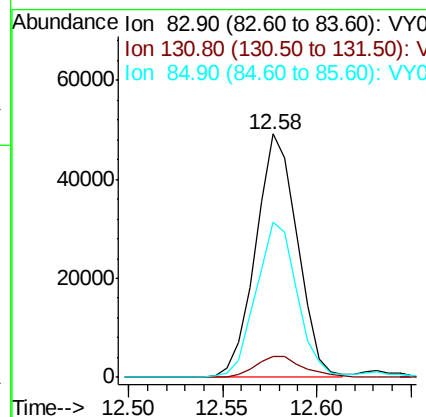
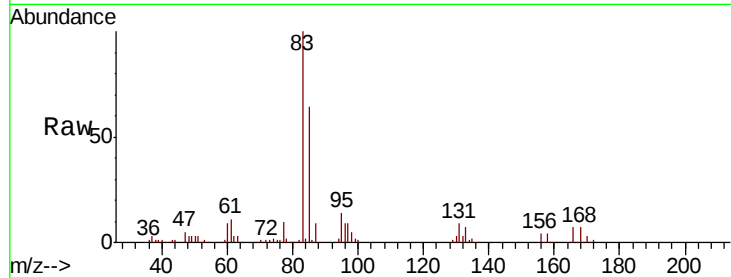
ClientSampleId :

VY1206SBS01

Tot Ion:	83	Resp:	75343
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.3	13.1
85	63.3	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.576 ug/l m

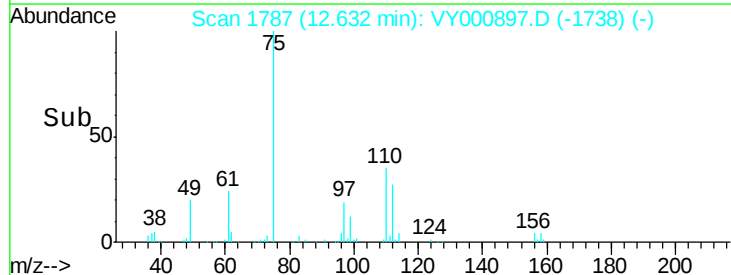
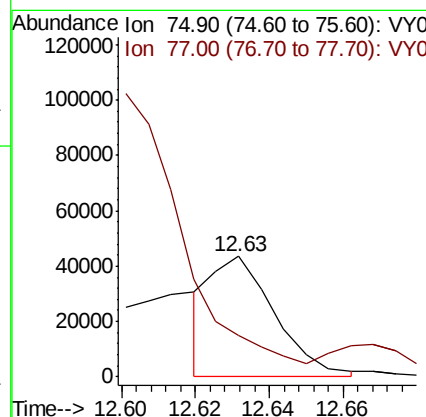
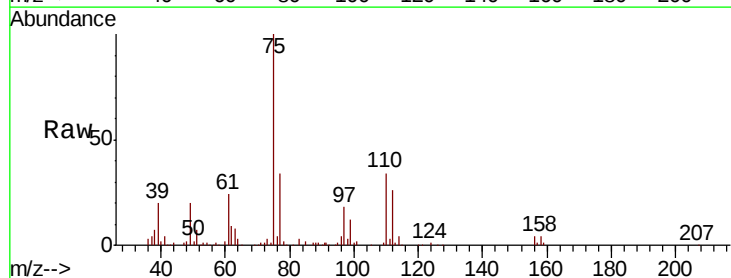
RT: 12.63 min Scan# 1787

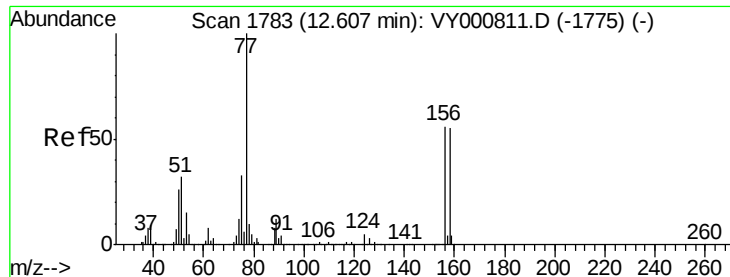
Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Tgt Ion:	75	Resp:	52376
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





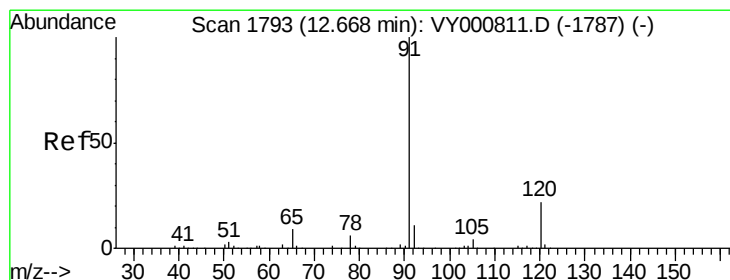
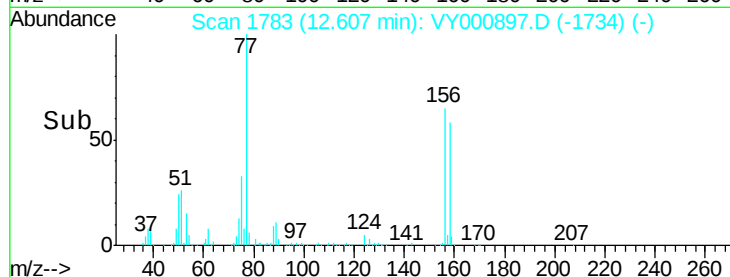
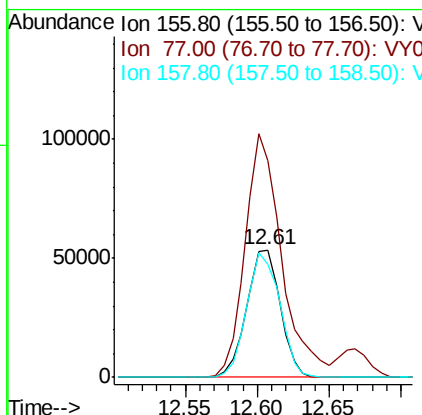
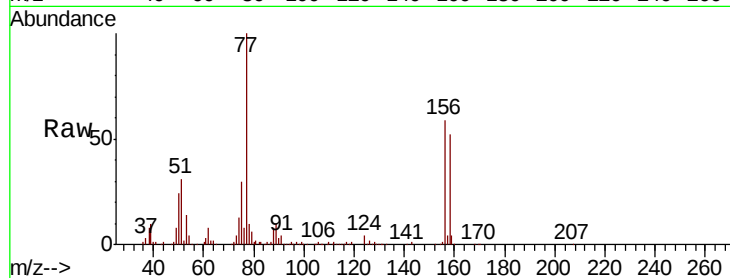
#77
Bromobenzene
Concen: 20.096 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	208.2	102.6	307.7
158	96.2	47.6	142.8

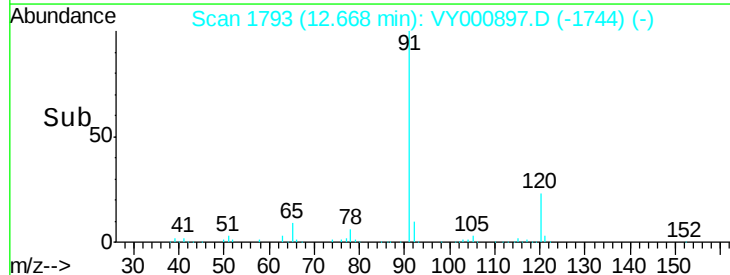
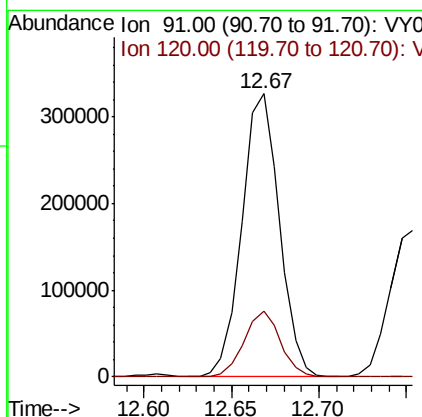
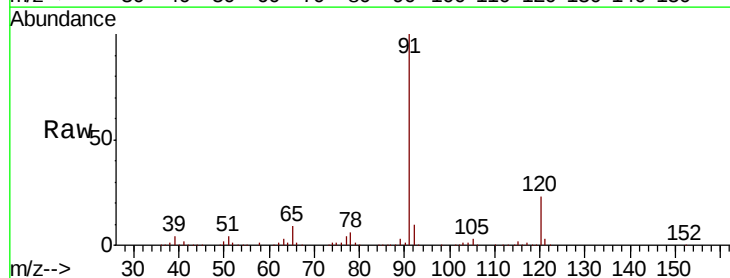
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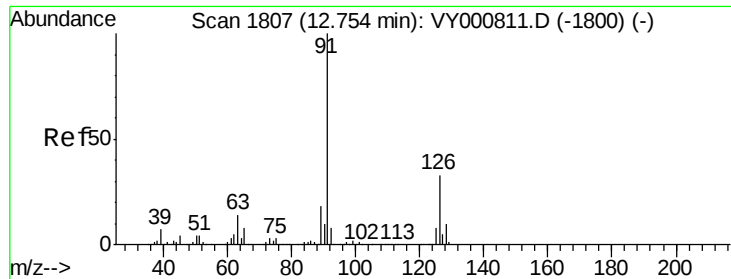
apatel
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#78
n-propylbenzene
Concen: 20.038 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.5





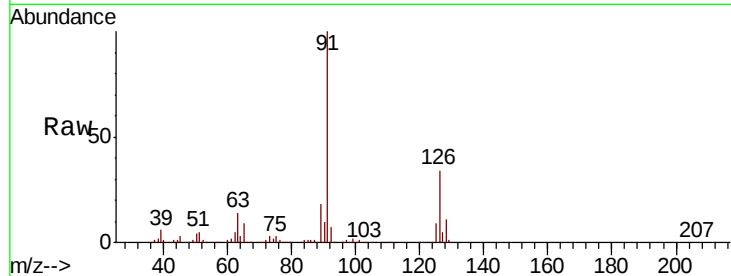
#79
2-Chlorotoluene
Concen: 19.845 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

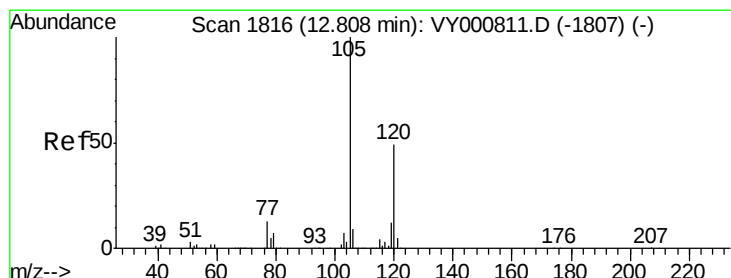
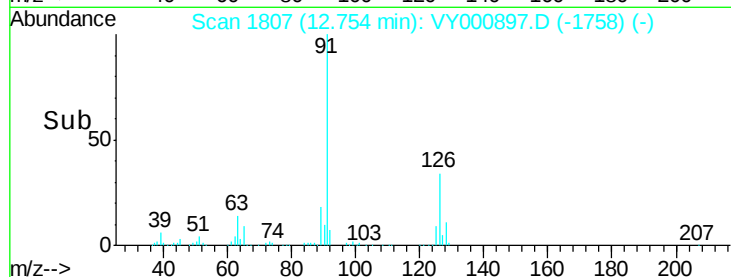
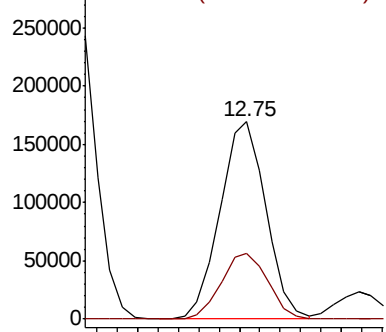
Tot Ion: 91 Resp: 265254
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

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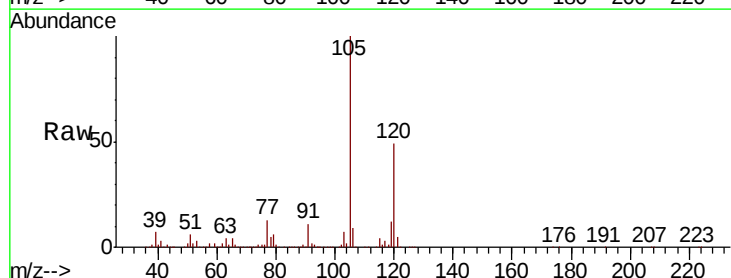


Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)
Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

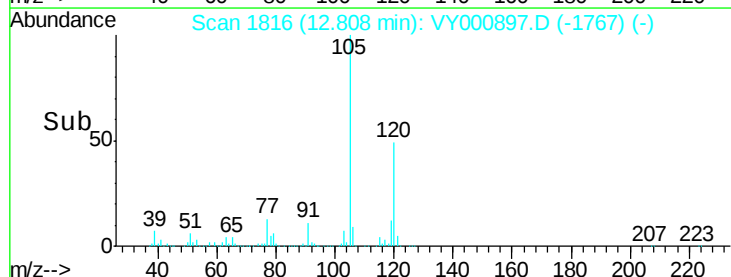
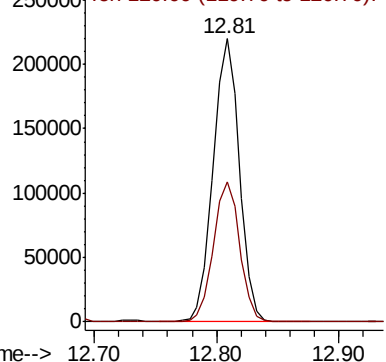


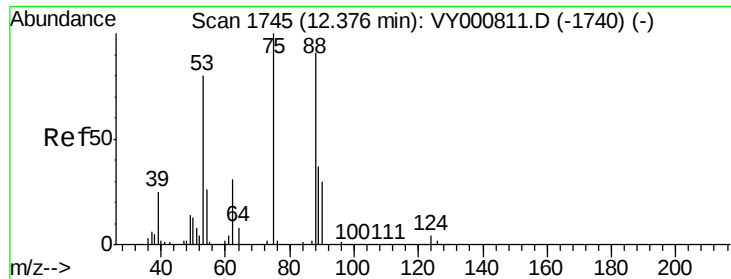
#80
1,3,5-Trimethylbenzene
Concen: 19.894 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion: 105 Resp: 326386
Ion Ratio Lower Upper
105 100
120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)
Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.485 ug/l

RT: 12.37 min Scan# 1744

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

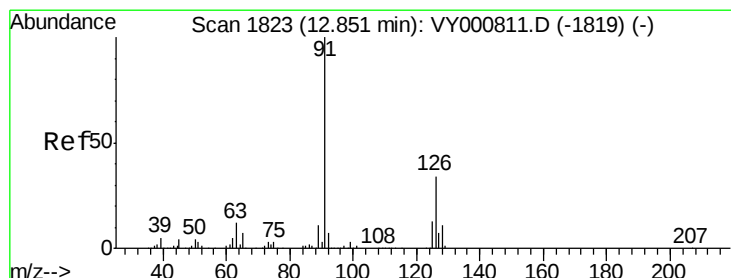
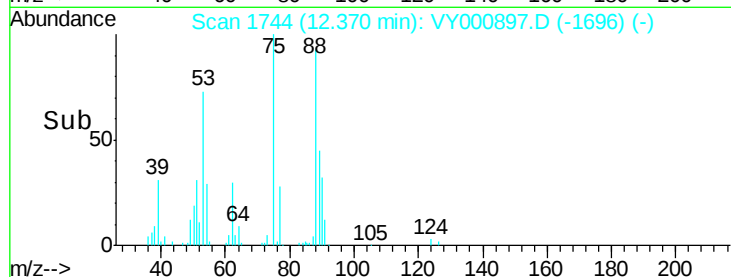
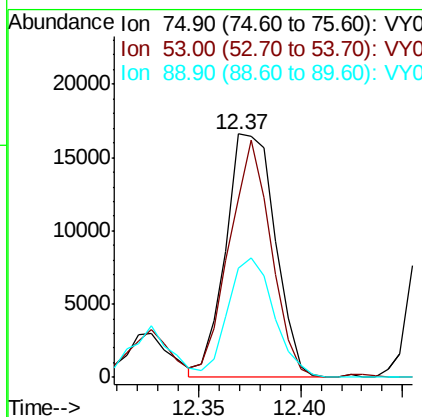
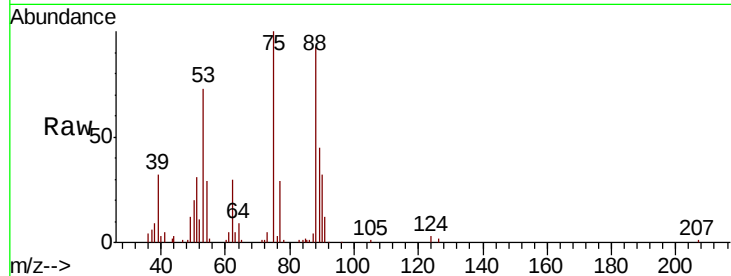
ClientSampleId :

VY1206SBS01

Tot Ion:	75	Resp:	27969
Ion	Ratio	Lower	Upper
75	100		
53	82.6	64.6	96.8
89	45.3	33.6	50.4

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#82

4-Chlorotoluene

Concen: 20.204 ug/l

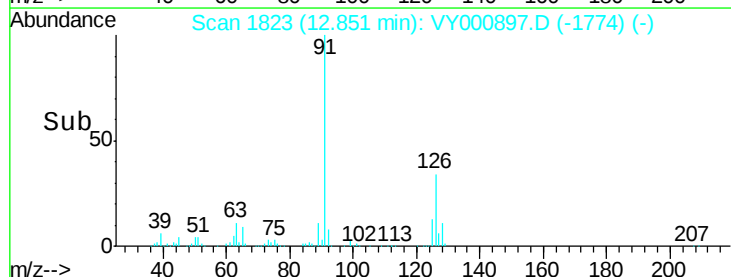
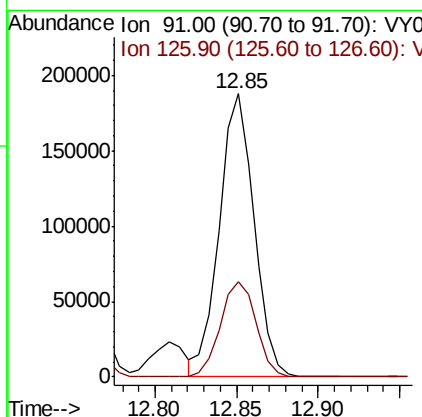
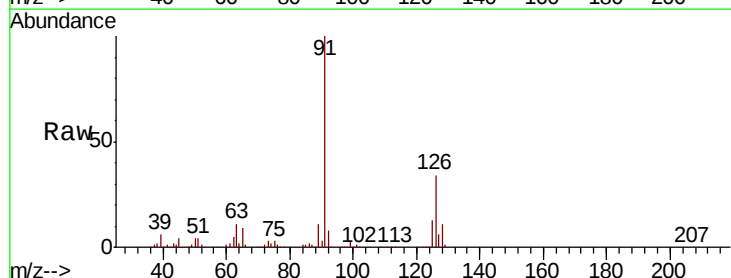
RT: 12.85 min Scan# 1823

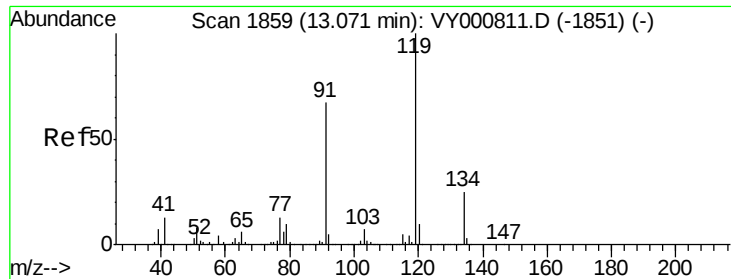
Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Tgt Ion:	91	Resp:	278230
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	51.9





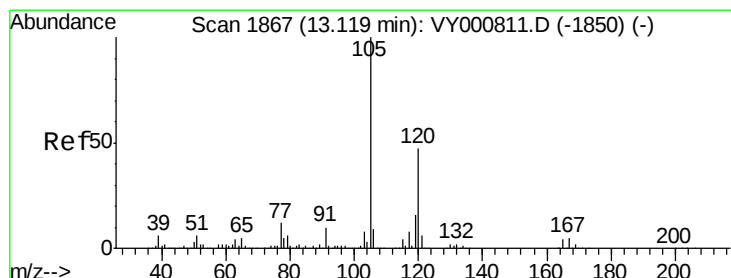
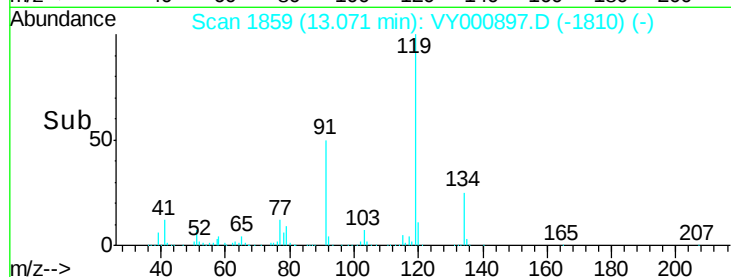
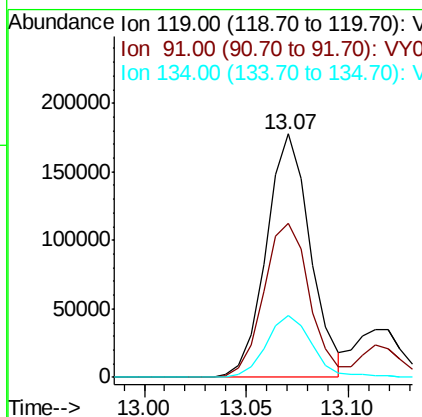
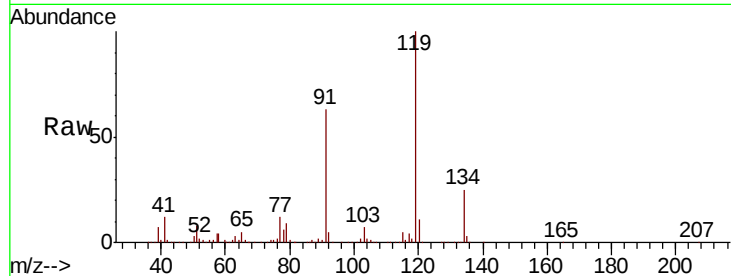
#83
 tert-Butylbenzene
 Concen: 19.413 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.3	96.8
134	26.5	12.9	38.7

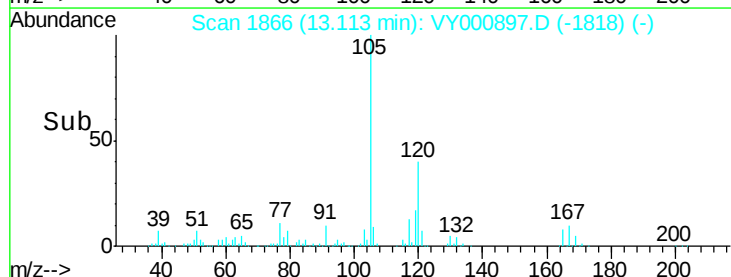
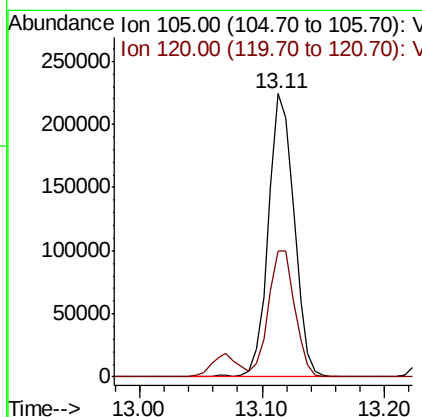
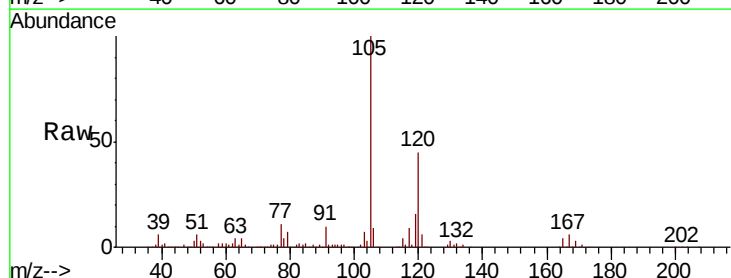
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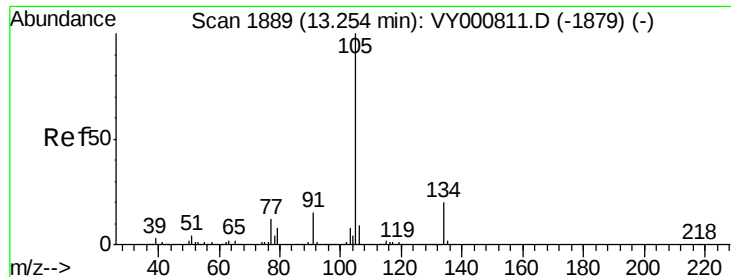
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.884 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.409 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion:105 Resp: 409426

Ion Ratio Lower Upper

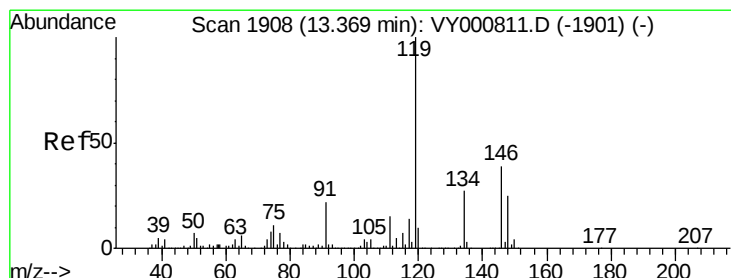
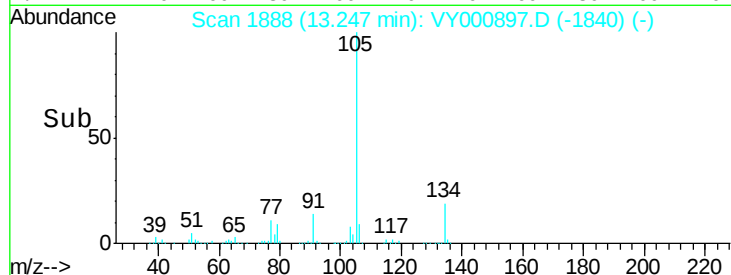
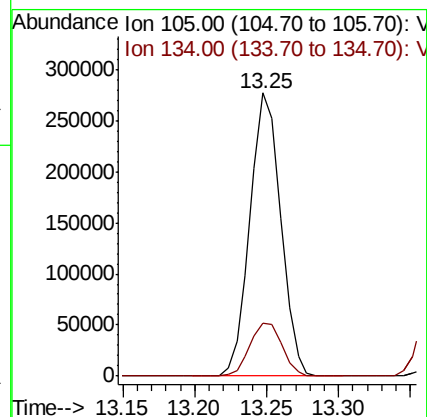
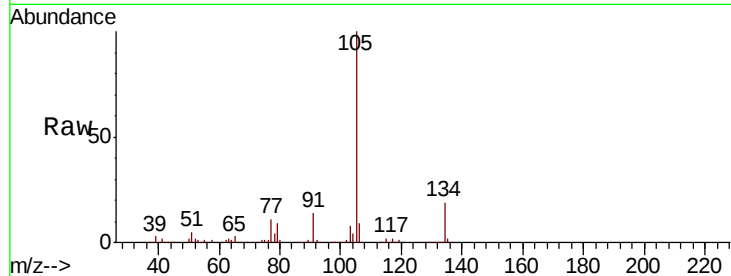
105 100

134 19.5 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.102 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

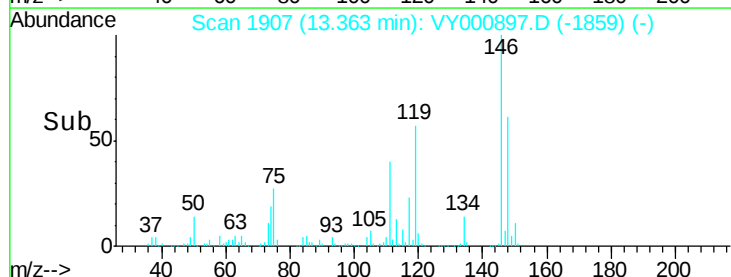
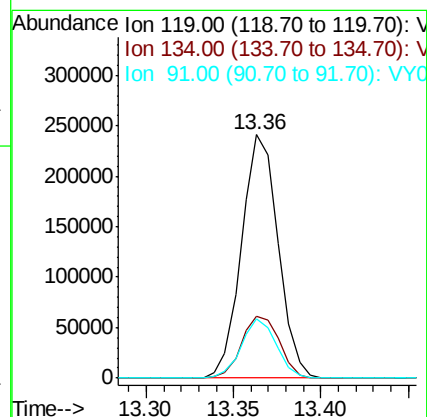
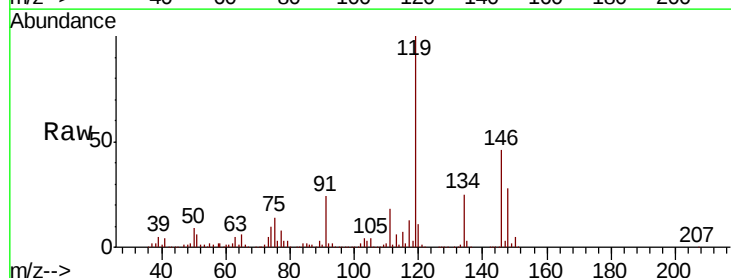
Tgt Ion:119 Resp: 350753

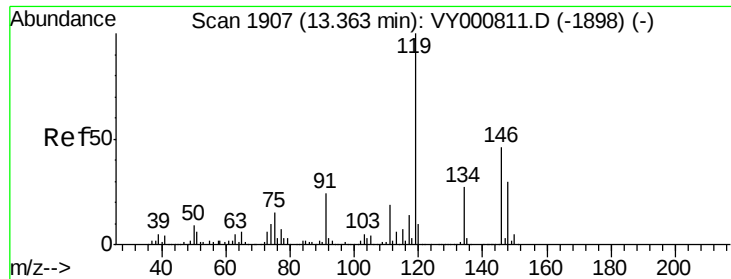
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.1 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 20.219 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Instrument :

MSVOA_Y

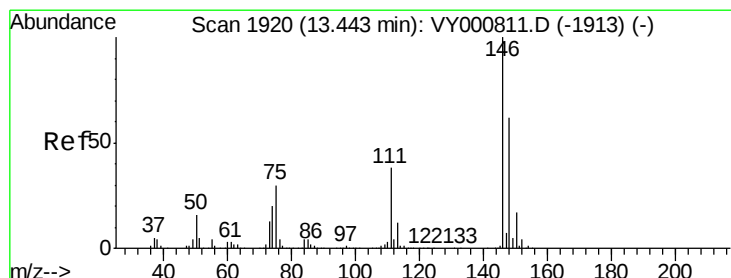
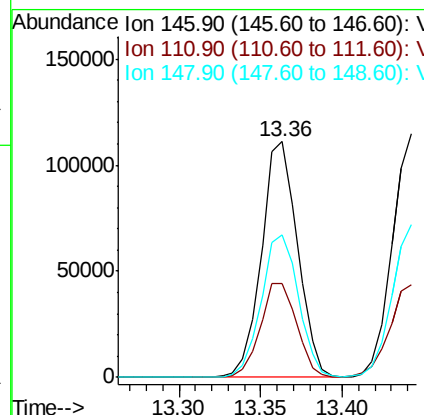
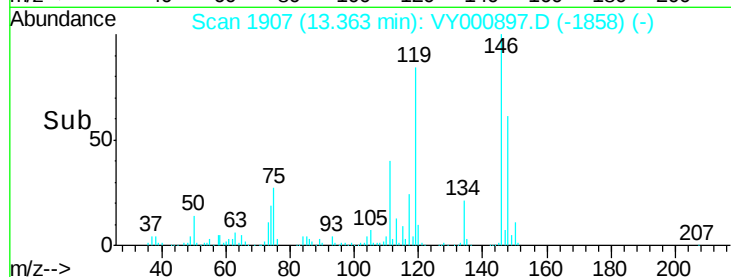
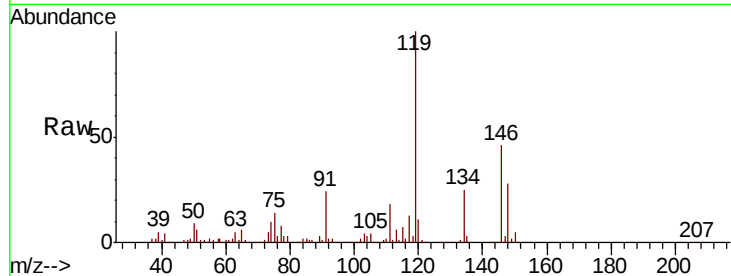
ClientSampleId :

VY1206SBS01

Tot Ion:	146	Resp:	170366
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.0	60.0
148	62.3	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 20.274 ug/l

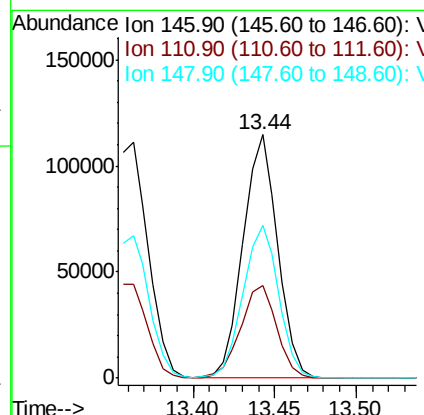
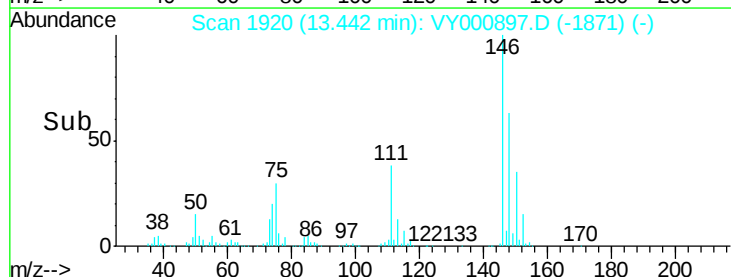
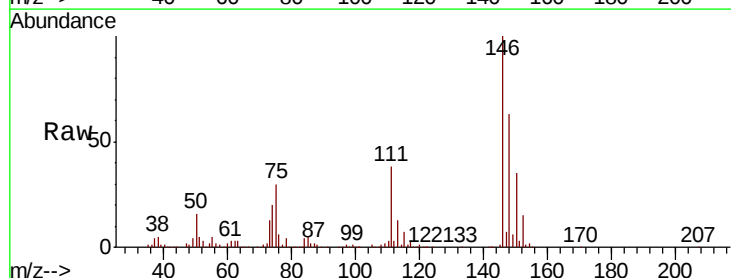
RT: 13.44 min Scan# 1920

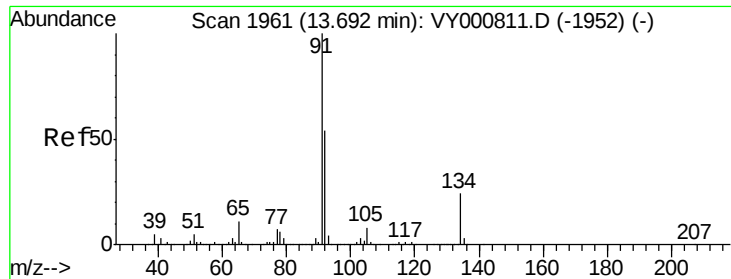
Delta R.T. -0.00 min

Lab File: VY000897.D

Acq: 06 Dec 2019 13:33

Tgt Ion:	146	Resp:	169148
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.0	59.9
148	64.8	31.7	95.1





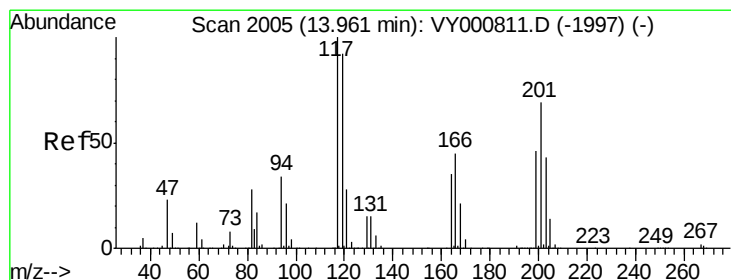
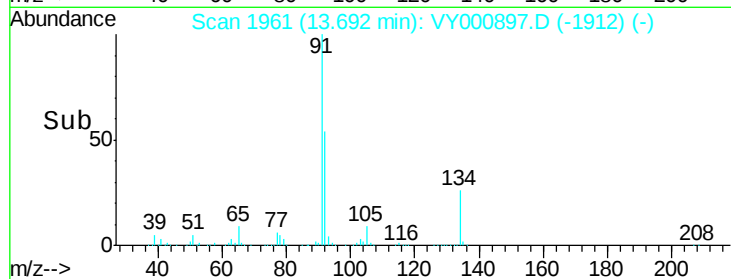
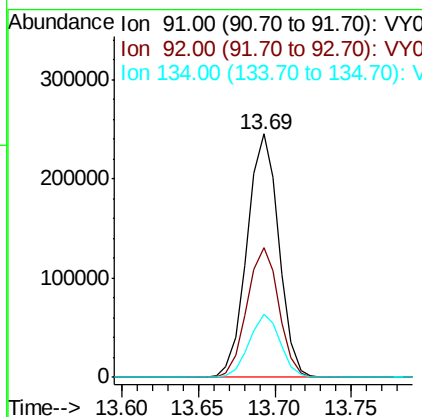
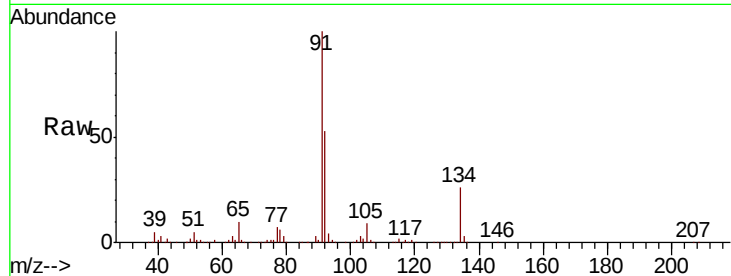
#89
n-Butylbenzene
Concen: 20.071 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	25.5	12.6	37.6

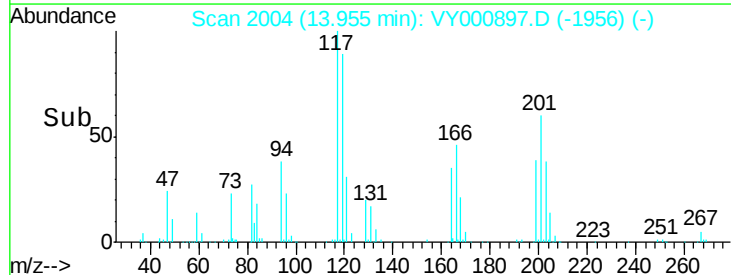
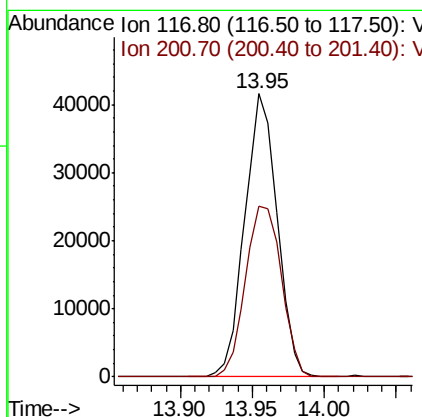
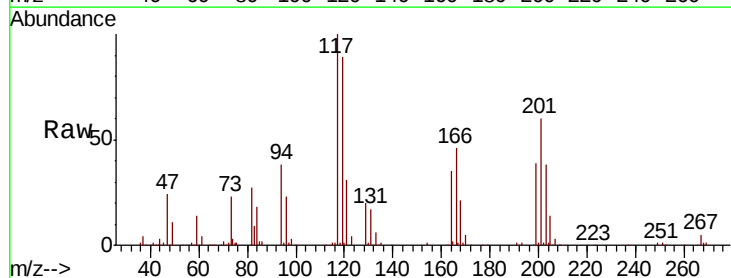
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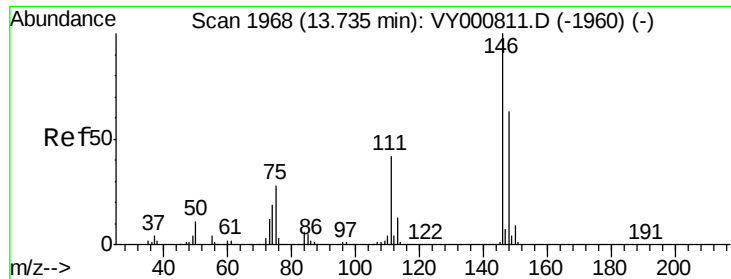
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#90
Hexachloroethane
Concen: 20.139 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.0	102.0





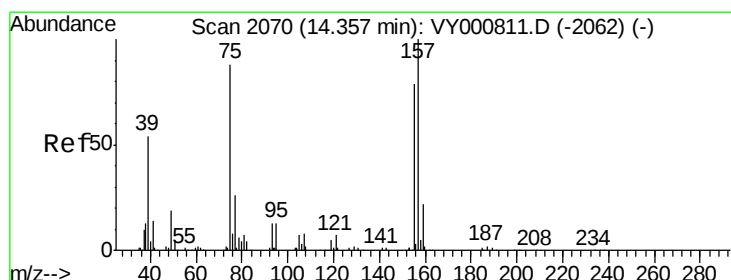
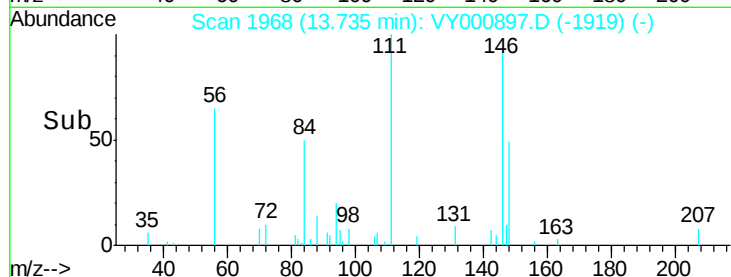
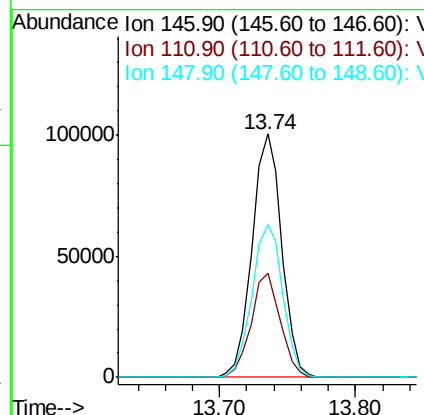
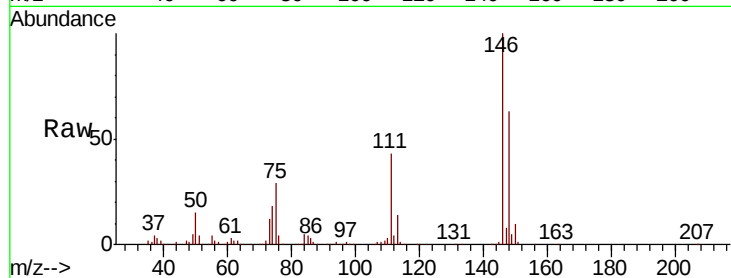
#91
 1,2-Dichlorobenzene
 Concen: 20.333 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	65.2	32.1	96.3

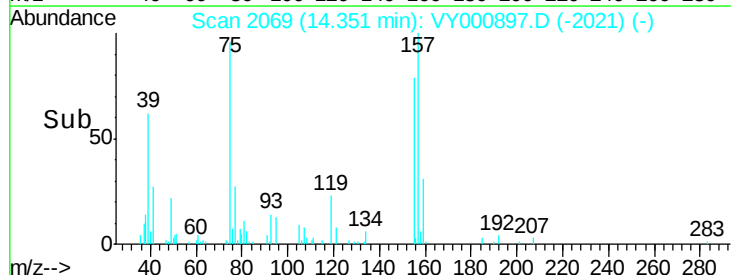
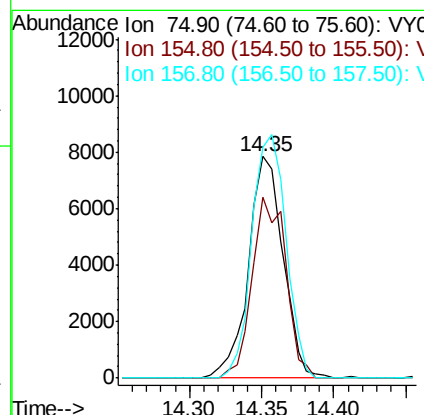
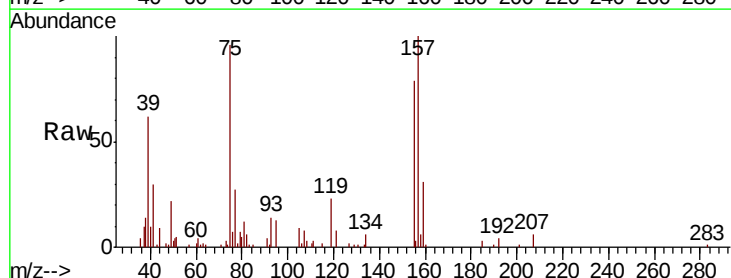
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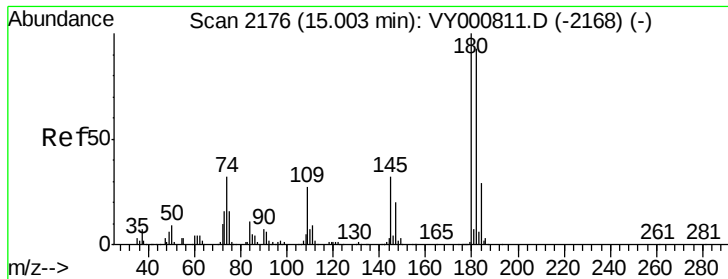
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.977 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	44.3	132.9
157	107.8	56.3	168.9





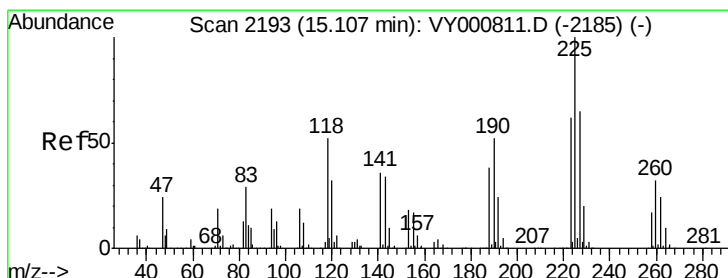
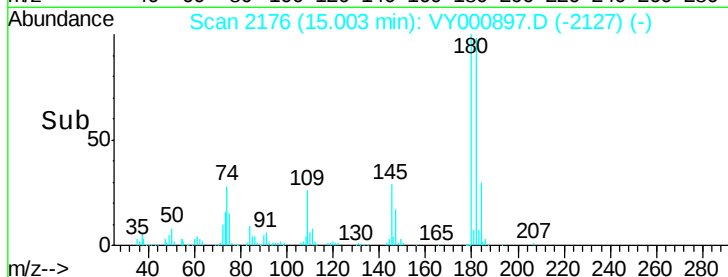
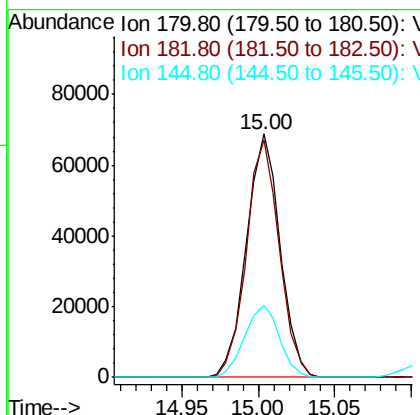
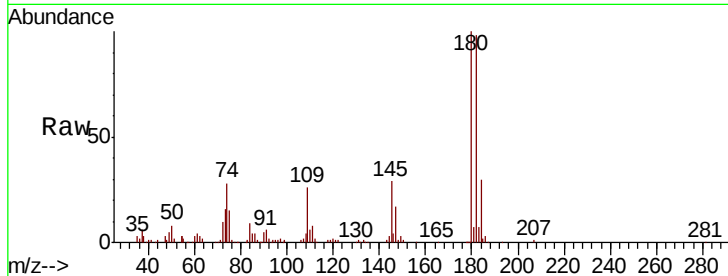
#93
 1,2,4-Trichlorobenzene
 Concen: 20.513 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.3	141.9	
145	30.7	16.0	47.9	

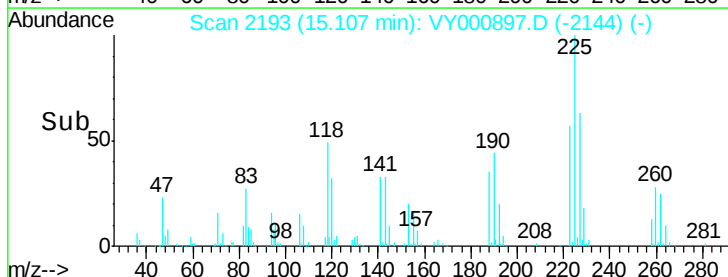
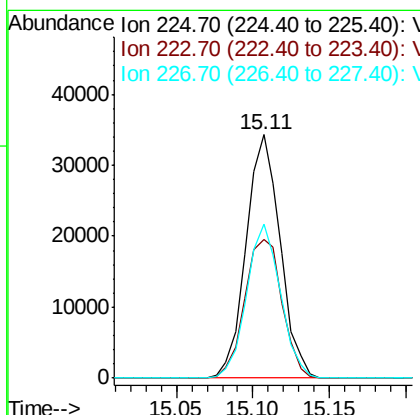
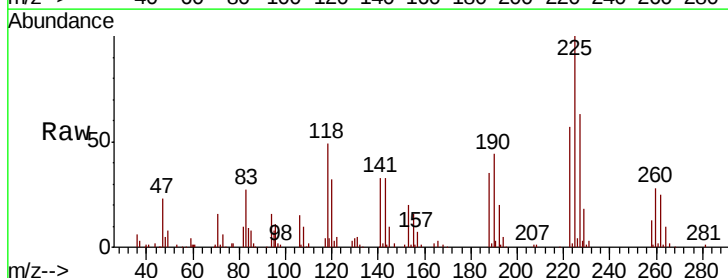
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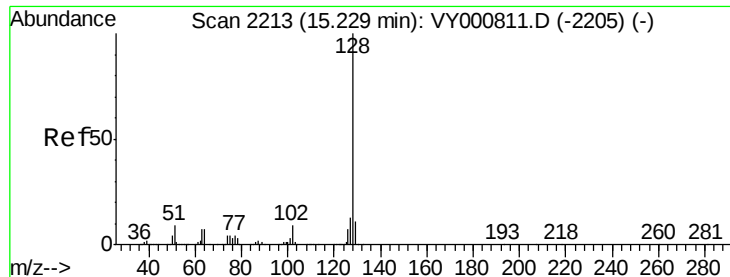
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#94
 Hexachlorobutadiene
 Concen: 20.925 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000897.D
 Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.4	94.3	
227	62.9	31.8	95.3	





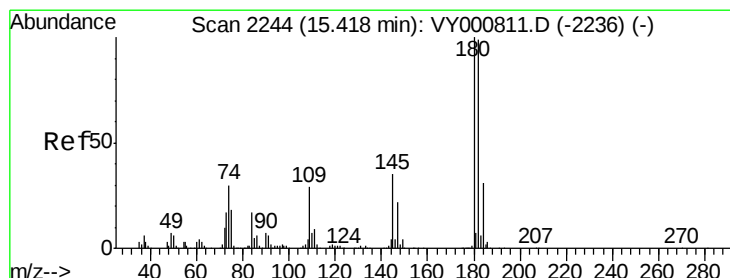
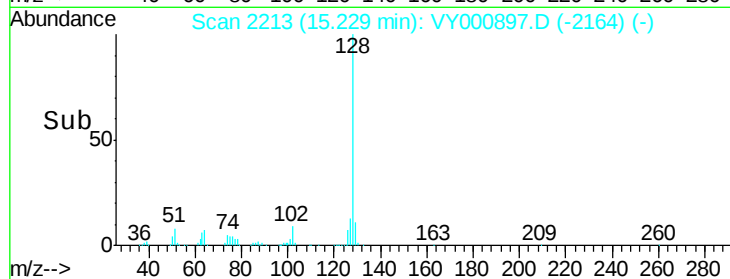
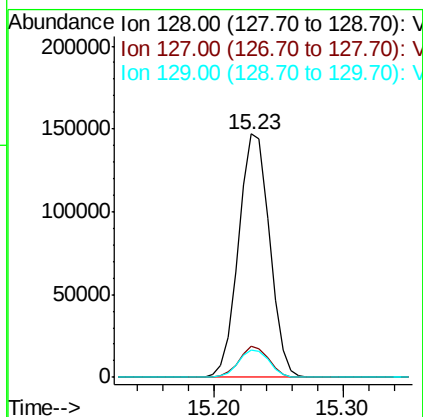
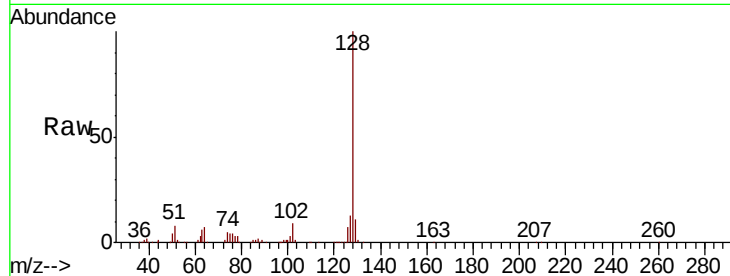
#95
Naphthalene
Concen: 20.584 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.3	10.1	15.1
129	11.2	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.413 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000897.D
Acq: 06 Dec 2019 13:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	48.0	144.0
145	34.1	16.9	50.6

