

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121919\
 Data File : VY001009.D
 Acq On : 19 Dec 2019 12:52
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Manual Integrations
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 12/20/2019 1:03:10 PM

Quant Time: Dec 20 08:24:36 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	276566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	489422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138860	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	7.72	113	135115	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.18	98	558981	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.48	95	189554	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	53582	17.998	ug/l	96
3) Chloromethane	2.12	50	66122	18.018	ug/l	99
4) Vinyl Chloride	2.26	62	67226	18.587	ug/l	98
5) Bromomethane	2.65	94	42730	18.088	ug/l	95
6) Chloroethane	2.79	64	43955	19.822	ug/l	100
7) Trichlorofluoromethane	3.13	101	95771	19.322	ug/l	96
8) Diethyl Ether	3.54	74	39295	21.063	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	64238	20.986	ug/l	99
10) Methyl Iodide	4.10	142	80018	20.763	ug/l	99
11) Tert butyl alcohol	4.97	59	27804	94.040	ug/l	100
12) 1,1-Dichloroethene	3.88	96	64229	21.181	ug/l	96
13) Acrolein	3.74	56	26179	89.886	ug/l	97
14) Allyl chloride	4.49	41	102355	19.685	ug/l	97
15) Acrylonitrile	5.18	53	101505	105.369	ug/l	98
16) Acetone	3.96	43	68570	101.714	ug/l	95
17) Carbon Disulfide	4.20	76	189994	19.372	ug/l	100
18) Methyl Acetate	4.49	43	54578	19.362	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	164855	20.356	ug/l	97
20) Methylene Chloride	4.72	84	82253	23.147	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	72292	20.974	ug/l	96
22) Diisopropyl ether	6.13	45	219207	20.512	ug/l	95
23) Vinyl Acetate	6.07	43	666299	102.558	ug/l	100
24) 1,1-Dichloroethane	6.03	63	123493	20.966	ug/l	97
25) 2-Butanone	7.00	43	116805	93.795	ug/l	95
26) 2,2-Dichloropropane	6.99	77	96682	19.503	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	79404	21.313	ug/l	98
28) Bromochloromethane	7.35	49	28631	14.739	ug/l	100
29) Tetrahydrofuran	7.36	42	84710	102.652	ug/l	98
30) Chloroform	7.52	83	115927	19.620	ug/l	97
31) Cyclohexane	7.79	56	120151	19.256	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	97917	20.069	ug/l	97
36) 1,1-Dichloropropene	7.93	75	97386	20.012	ug/l	100
37) Ethyl Acetate	7.08	43	55030	19.584	ug/l	98
38) Carbon Tetrachloride	7.91	117	84026	19.389	ug/l	99

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 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)
39) Methylcyclohexane	9.19	83	127735	19.812	ug/l	96
40) Benzene	8.17	78	290305	20.480	ug/l	100
41) Methacrylonitrile	7.32	41	24176m	16.325	ug/l	
42) 1,2-Dichloroethane	8.25	62	71792	19.258	ug/l	99
43) Isopropyl Acetate	8.28	43	100435	18.967	ug/l	97
44) Trichloroethene	8.94	130	75569	20.744	ug/l	95
45) 1,2-Dichloropropane	9.22	63	72837	20.457	ug/l #	87
46) Dibromomethane	9.31	93	38367	20.624	ug/l	99
47) Bromodichloromethane	9.50	83	88037	20.145	ug/l	99
48) Methyl methacrylate	9.29	41	42213	18.129	ug/l	89
49) 1,4-Dioxane	9.30	88	10646	403.882	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	265773	97.143	ug/l	99
52) Toluene	10.25	92	180814	20.602	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	94263	20.077	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	112349	20.244	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	57440	20.899	ug/l	94
56) Ethyl methacrylate	10.51	69	80677	20.519	ug/l	94
57) 1,3-Dichloropropane	10.79	76	101150	21.116	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	160148	101.017	ug/l	99
59) 2-Hexanone	10.83	43	182754	91.671	ug/l	100
60) Dibromochloromethane	10.99	129	59600	20.144	ug/l	96
61) 1,2-Dibromoethane	11.09	107	53192	20.535	ug/l	98
64) Tetrachloroethene	10.72	164	78645	20.953	ug/l	92
65) Chlorobenzene	11.52	112	187021	20.827	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	62736	20.731	ug/l	99
67) Ethyl Benzene	11.59	91	343525	20.541	ug/l	95
68) m/p-Xylenes	11.70	106	259001	41.260	ug/l	98
69) o-Xylene	12.03	106	122695	20.963	ug/l	97
70) Styrene	12.04	104	206527	20.608	ug/l	100
71) Bromoform	12.20	173	33266	19.490	ug/l #	100
73) Isopropylbenzene	12.33	105	328793	20.440	ug/l	100
74) N-amyl acetate	12.14	43	85208	19.031	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	63346	19.986	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	52345m	22.868	ug/l	
77) Bromobenzene	12.61	156	71651	20.549	ug/l	97
78) n-propylbenzene	12.67	91	400837	20.408	ug/l	98
79) 2-Chlorotoluene	12.75	91	219764	20.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	273458	20.532	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23190	19.900	ug/l	99
82) 4-Chlorotoluene	12.85	91	225960	20.212	ug/l	99
83) tert-Butylbenzene	13.07	119	225247	20.115	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	268977	20.186	ug/l	97
85) sec-Butylbenzene	13.25	105	335302	20.589	ug/l	100
86) p-Isopropyltoluene	13.36	119	288061	20.336	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	139068	20.331	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	140622	20.762	ug/l	99
89) n-Butylbenzene	13.69	91	292961	20.456	ug/l	99
90) Hexachloroethane	13.95	117	54205	20.774	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	128203	20.837	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10148	19.124	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

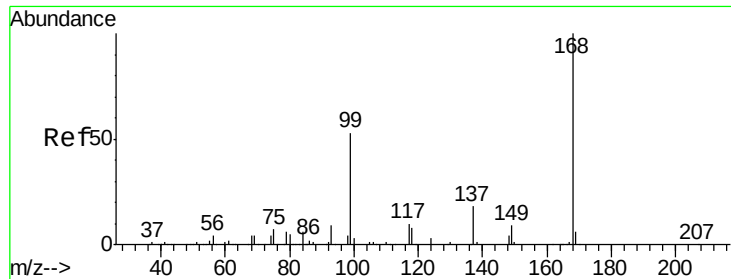
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	86674	20.818	ug/l	98
94) Hexachlorobutadiene	15.11	225	44086	21.357	ug/l	97
95) Naphthalene	15.23	128	203095	21.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	78287	21.051	ug/l	99

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



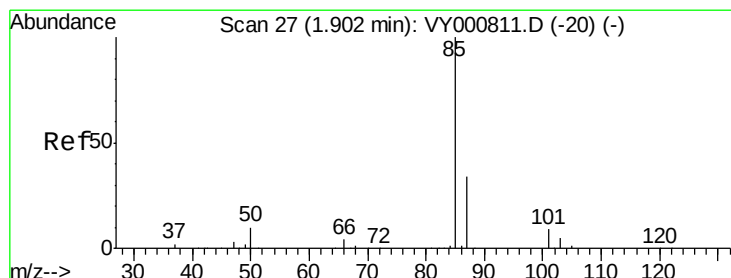
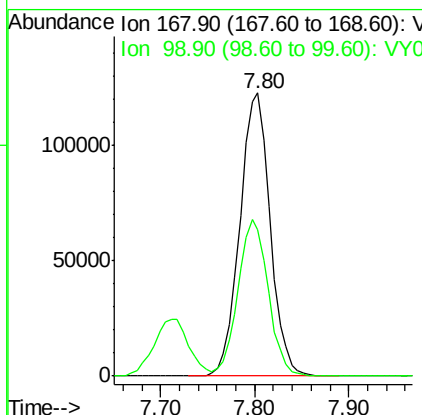
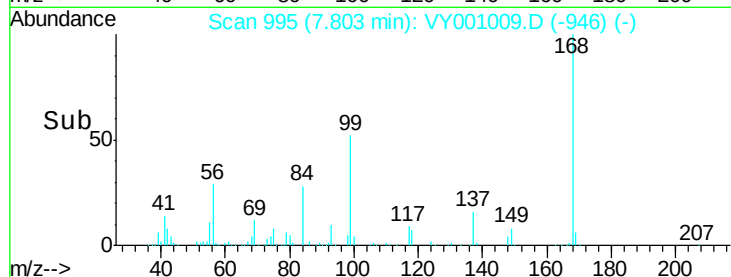
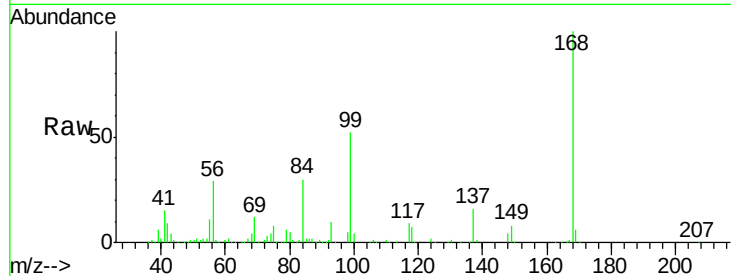
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.9	45.0	67.6

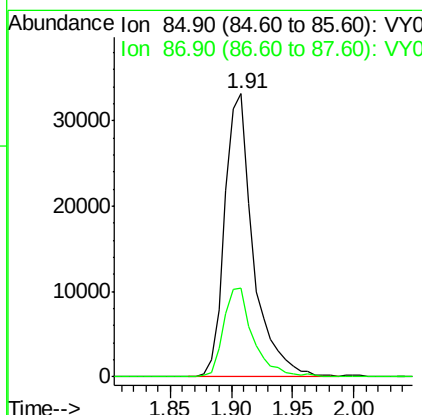
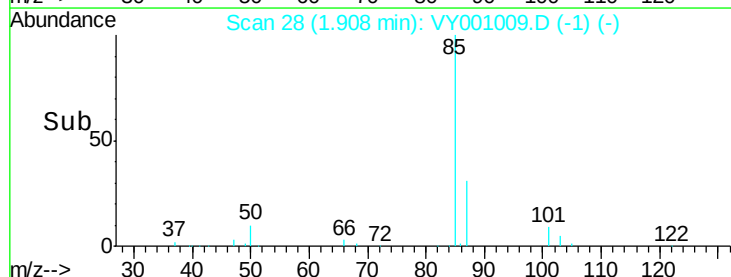
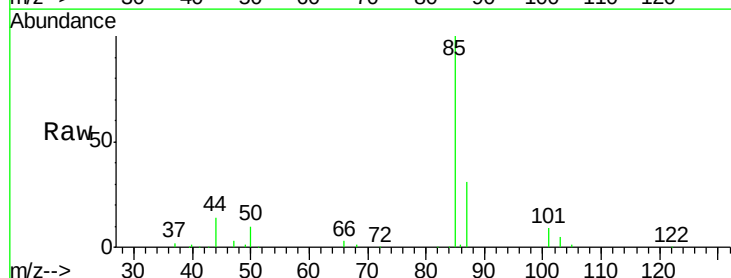
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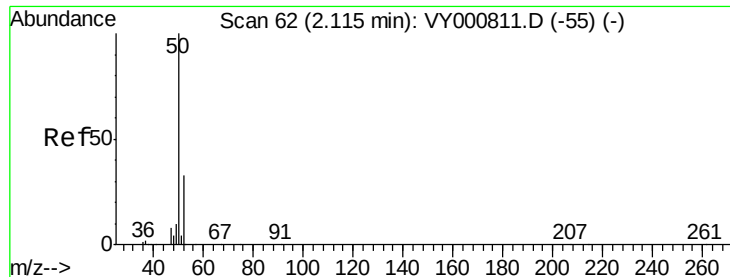
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#2
 Dichlorodifluoromethane
 Concen: 17.998 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.01 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.8	50.3





#3

Chloromethane

Concen: 18.018 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 50 Resp: 66122

Ion Ratio Lower Upper

50 100

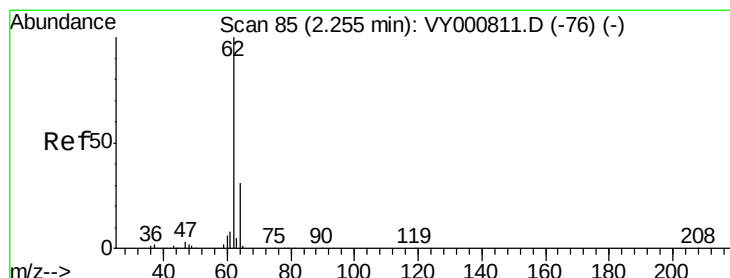
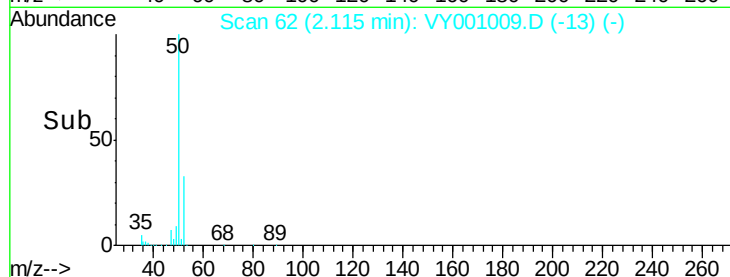
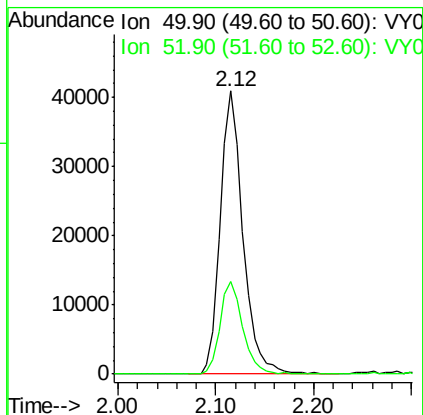
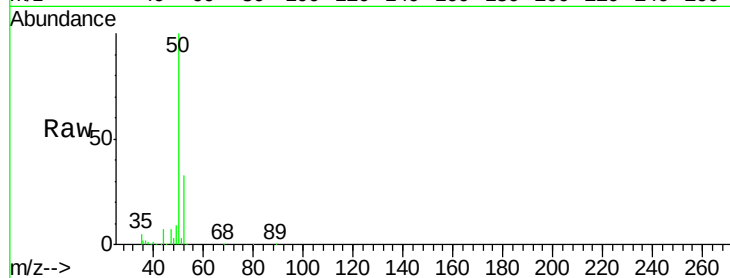
52 32.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.587 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY001009.D

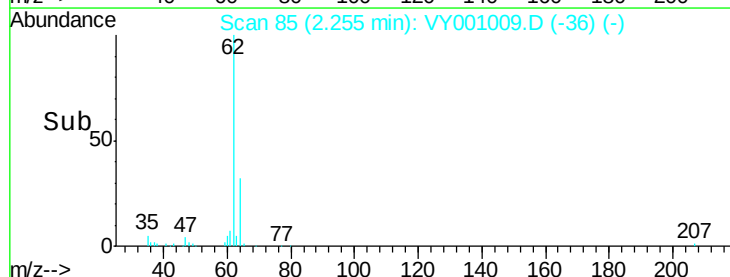
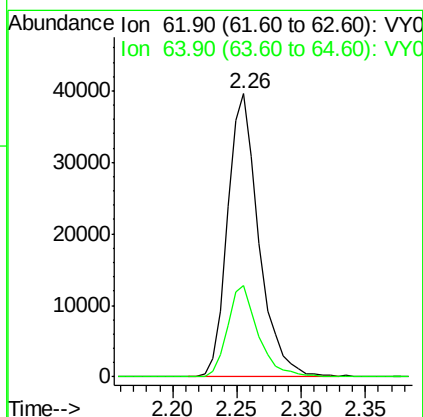
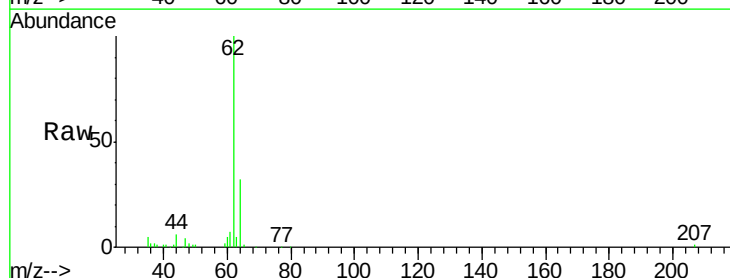
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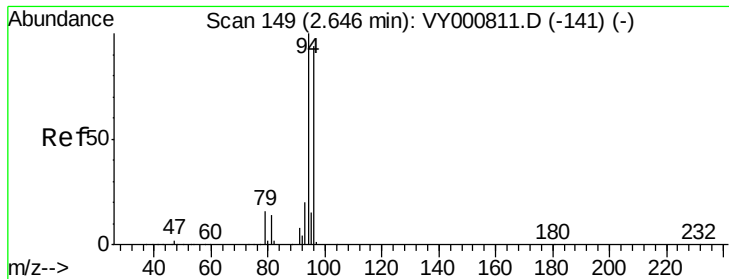
Tgt Ion: 62 Resp: 67226

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 18.088 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 94 Resp: 42730

Ion Ratio Lower Upper

94 100

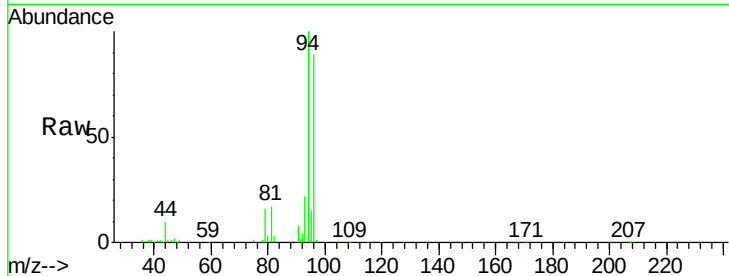
96 89.0 75.2 112.8

Manual Integrations

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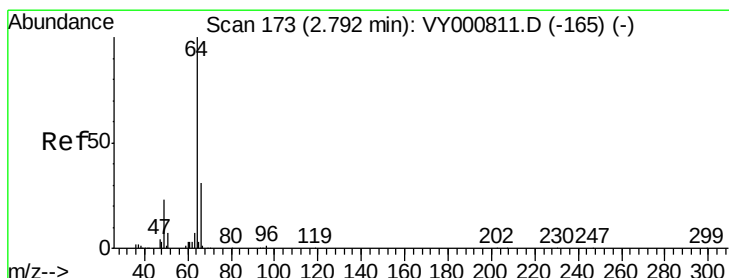
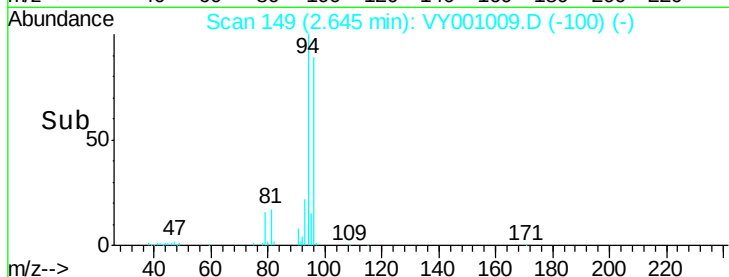
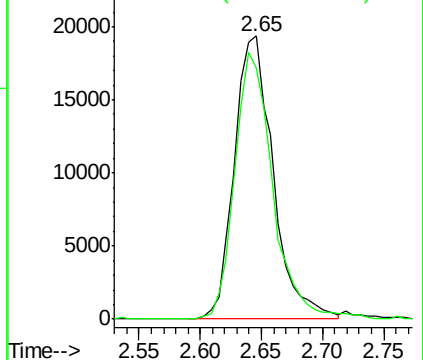
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.822 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY001009.D

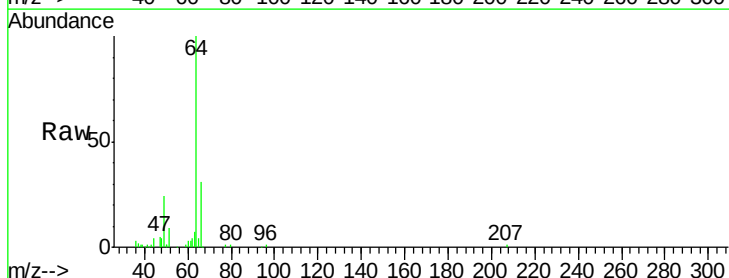
Acq: 19 Dec 2019 12:52

Tgt Ion: 64 Resp: 43955

Ion Ratio Lower Upper

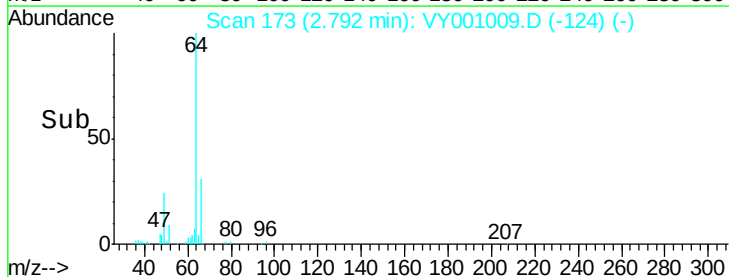
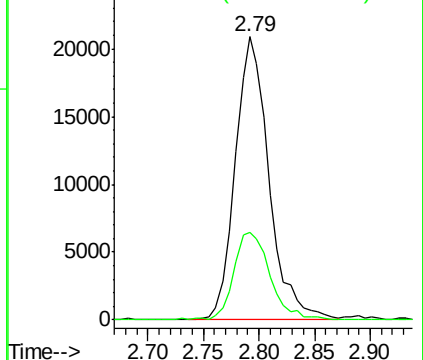
64 100

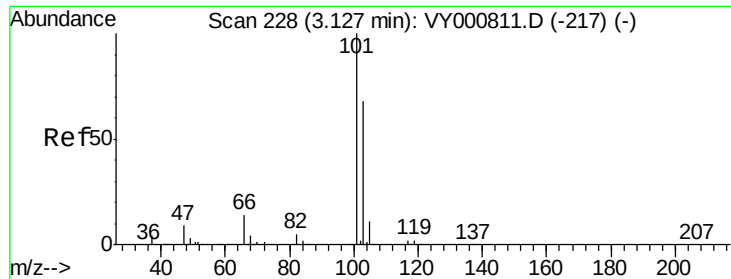
66 31.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

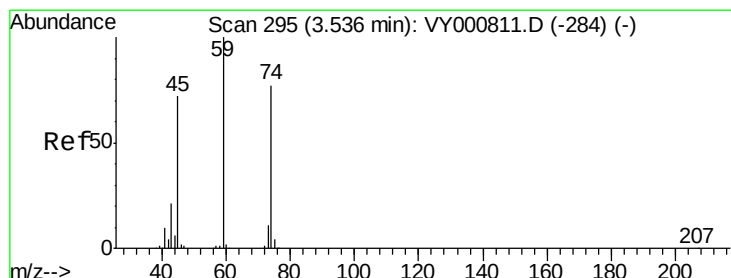
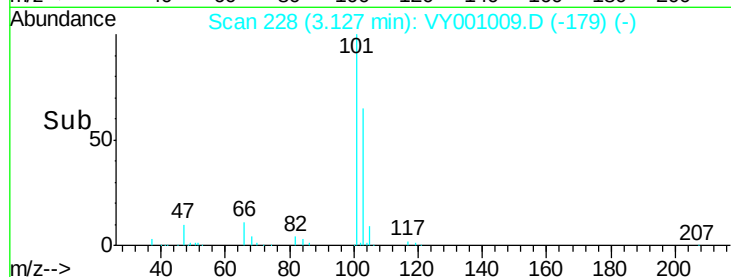
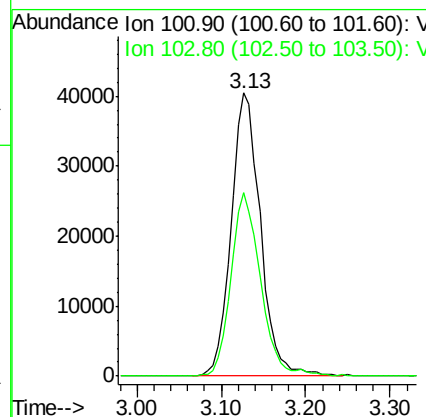
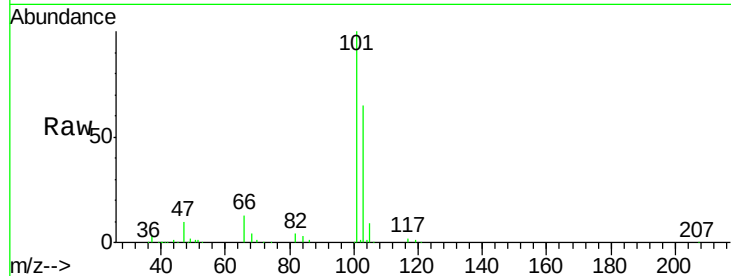
Trichlorofluoromethane
Concen: 19.322 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
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ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	54.2	81.2

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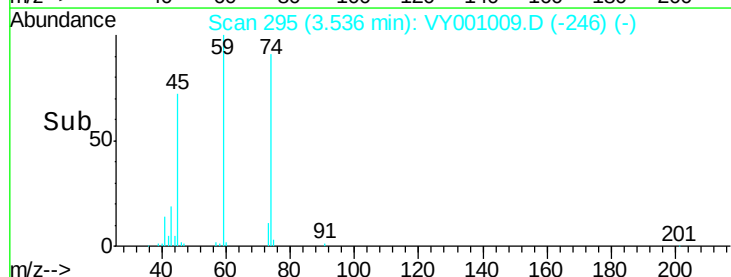
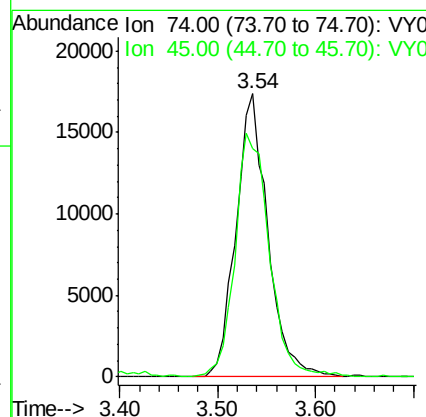
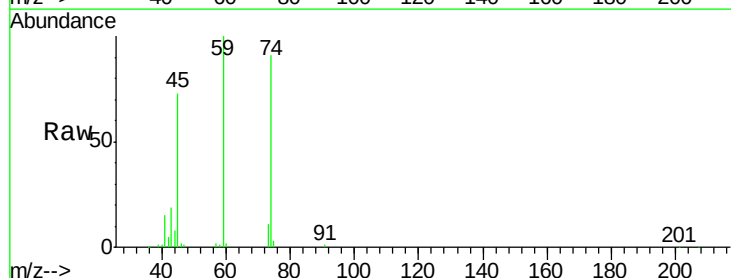
apatel
12/20/2019 1:03:10 PM

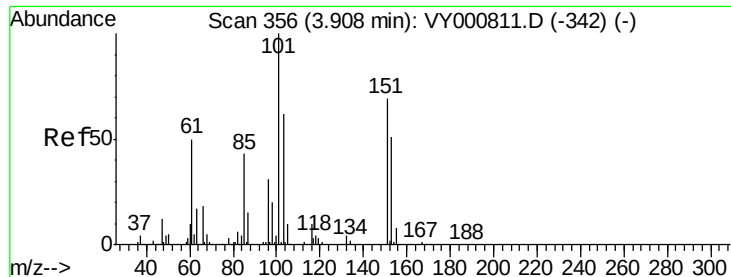


#8

Diethyl Ether
Concen: 21.063 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.986 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

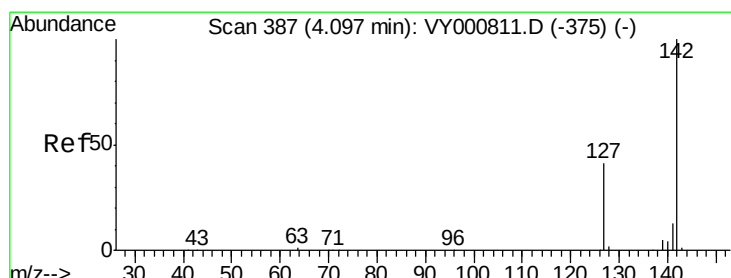
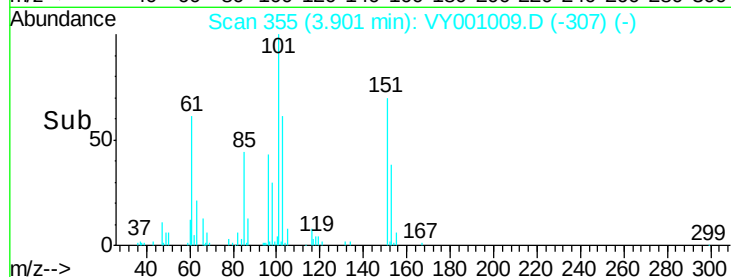
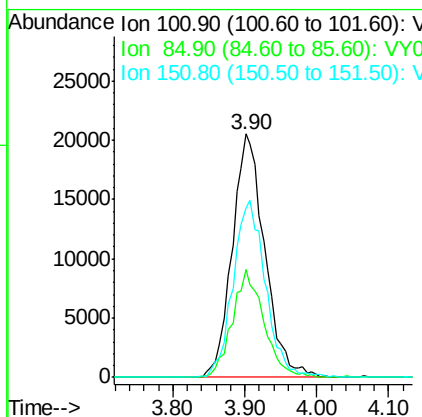
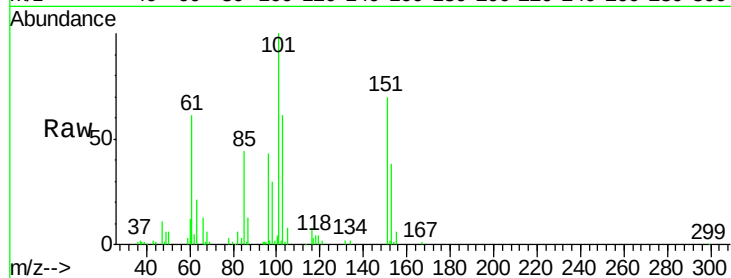
ClientSampleId :

VY1219SBS01

Tot Ion:	101	Resp:	64238
Ion Ratio	Lower	Upper	
101	100		
85	42.8	36.0	54.0
151	72.7	58.2	87.2

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#10

Methyl Iodide

Concen: 20.763 ug/l

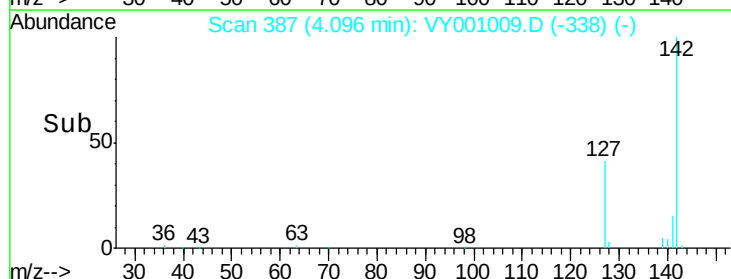
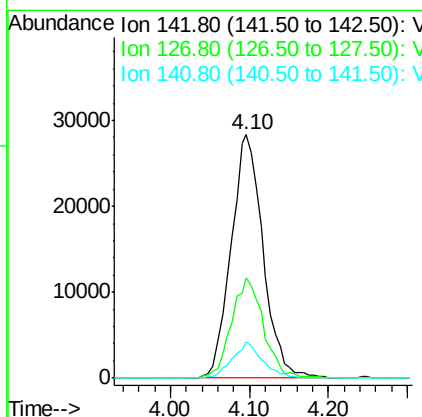
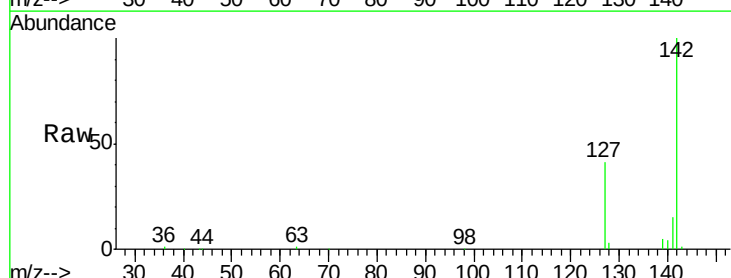
RT: 4.10 min Scan# 387

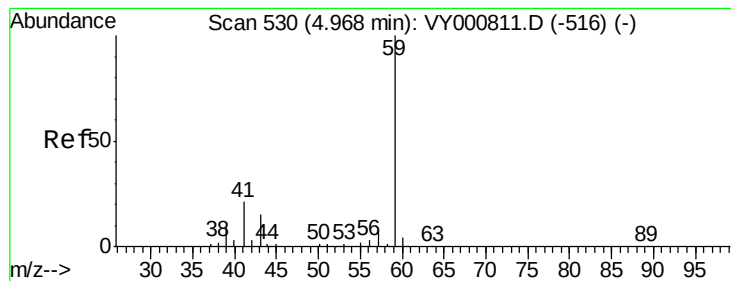
Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion:	142	Resp:	80018
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.8	50.8
141	13.7	10.9	16.3





#11

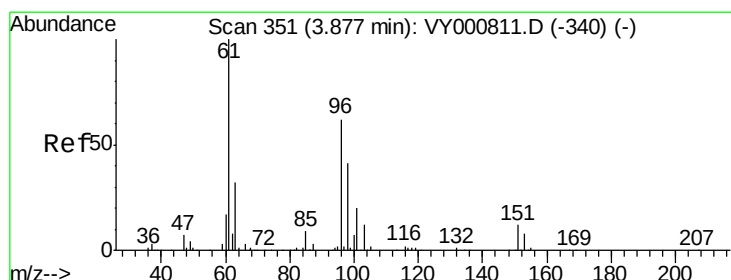
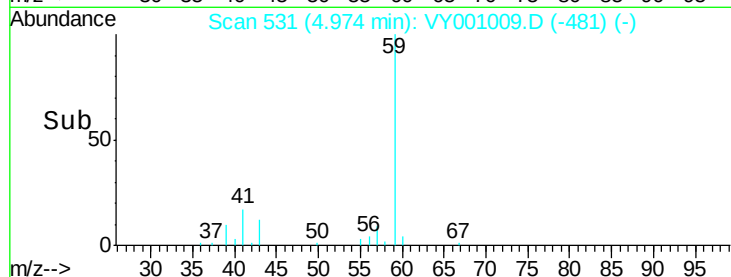
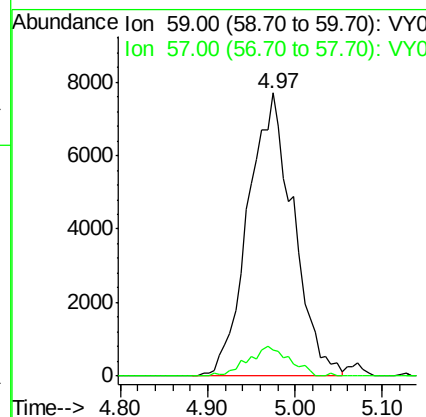
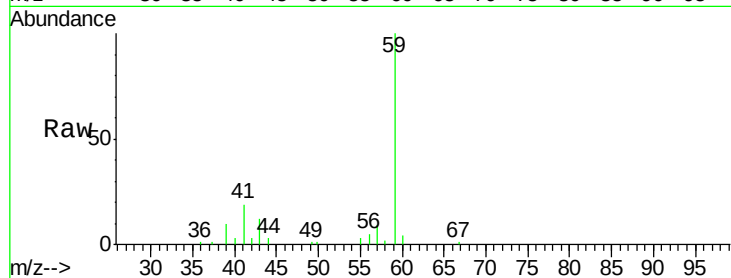
Tert butyl alcohol
 Concen: 94.040 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	59	57	Ratio	100	9.7	Resp	27804	Lower	7.8	Upper	11.6
Ion	59	57	Ratio	100	9.7	Resp	27804	Lower	7.8	Upper	11.6

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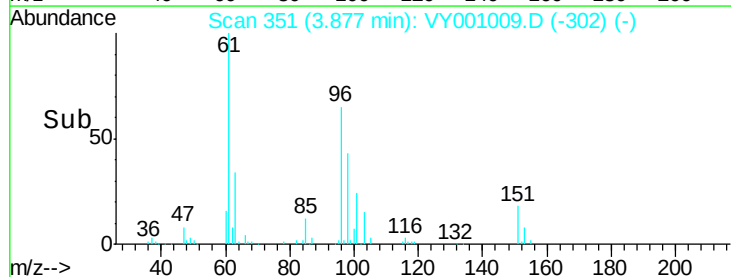
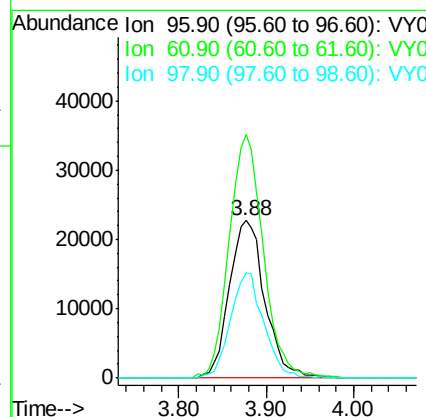
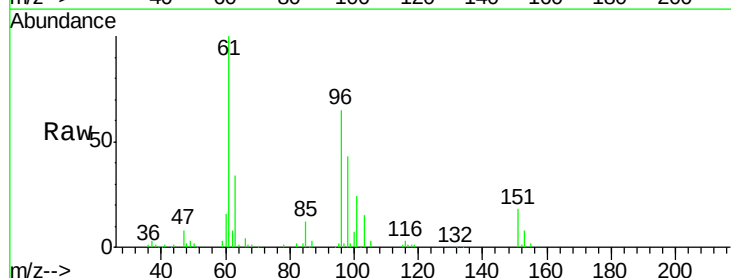
apatel
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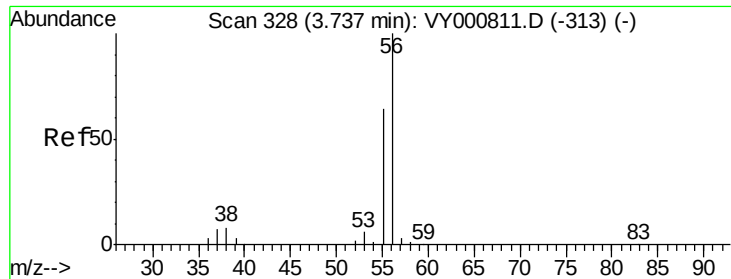


#12

1,1-Dichloroethene
 Concen: 21.181 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	96	61	98	Ratio	100	154.4	66.8	Resp	64229	Lower	129.4	53.4	Upper	194.2	80.0
Ion	96	61	98	Ratio	100	154.4	66.8	Resp	64229	Lower	129.4	53.4	Upper	194.2	80.0





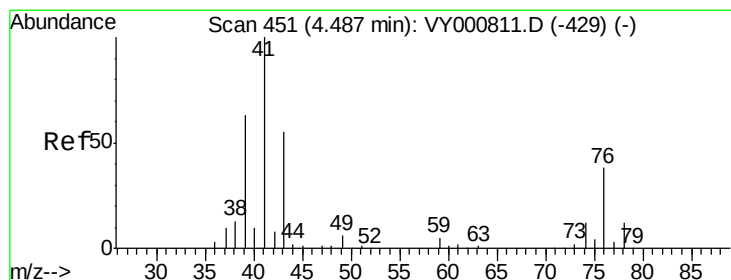
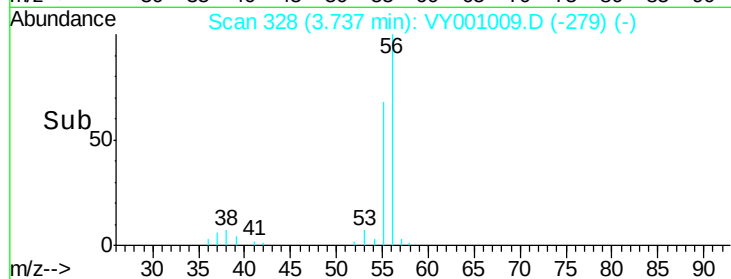
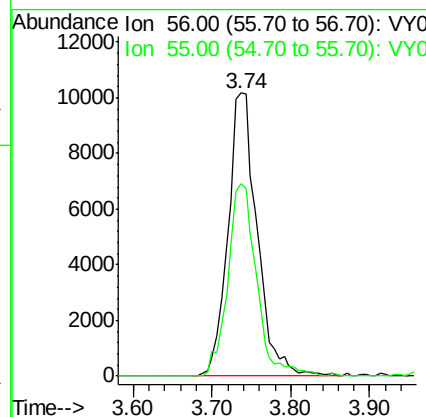
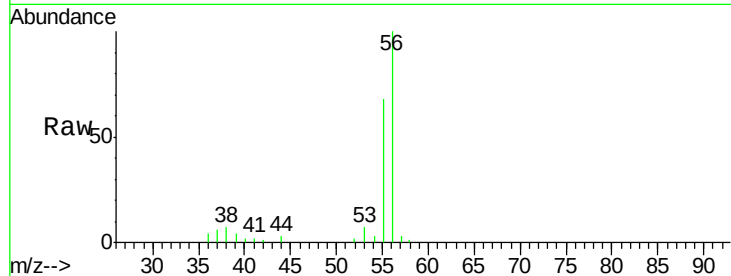
#13
Acrolein
Concen: 89.886 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 56 Resp: 26179
Ion Ratio Lower Upper
56 100
55 67.0 55.7 83.5

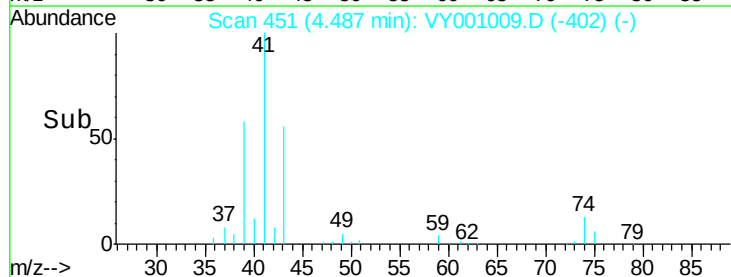
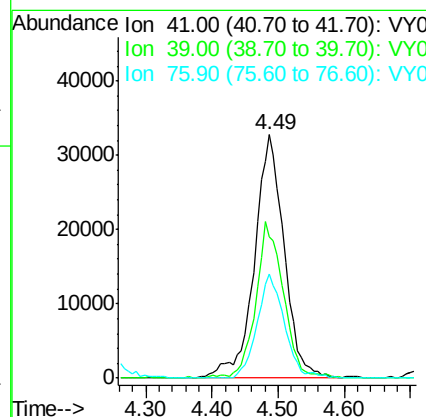
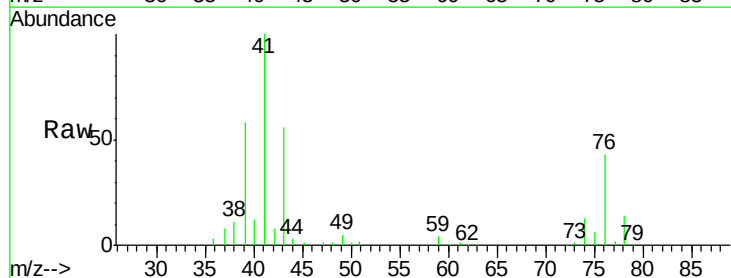
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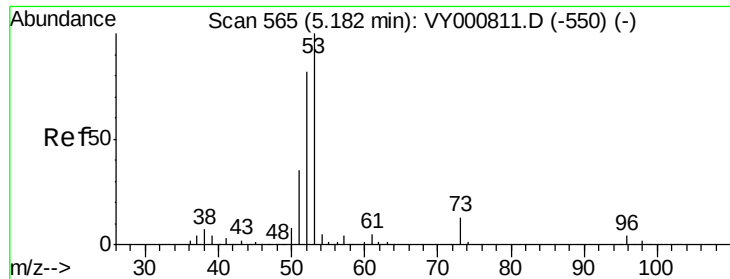
apatel
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#14
Allyl chloride
Concen: 19.685 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion: 41 Resp: 102355
Ion Ratio Lower Upper
41 100
39 59.9 49.2 73.8
76 39.3 29.2 43.8





#15

Acrylonitrile

Concen: 105.369 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

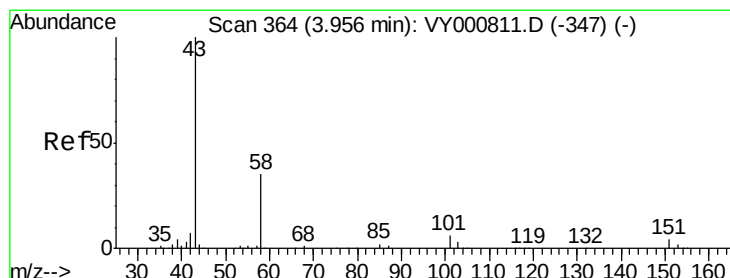
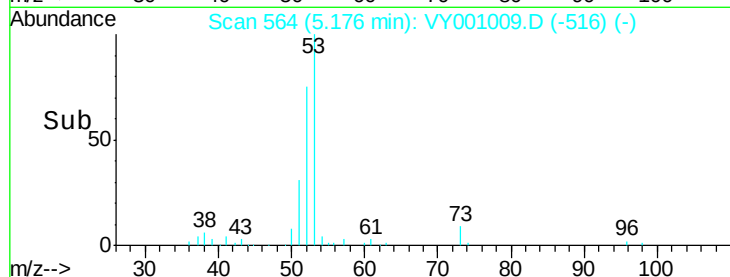
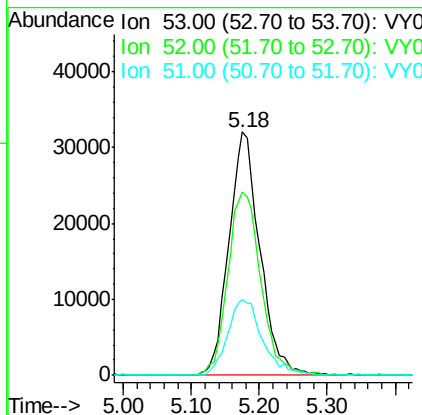
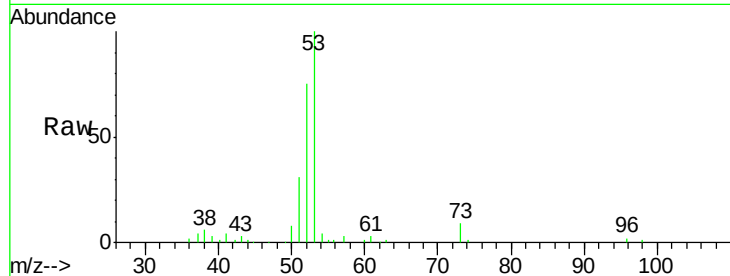
ClientSampleId :

VY1219SBS01

Tot Ion:	53	Resp:	101505
Ion	Ratio	Lower	Upper
53	100		
52	79.7	65.1	97.7
51	34.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 101.714 ug/l

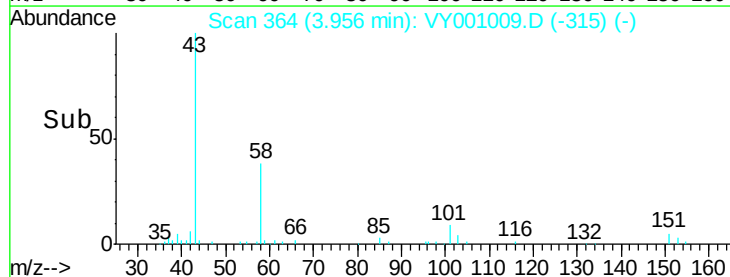
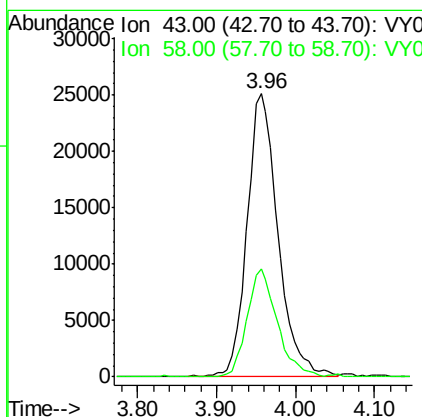
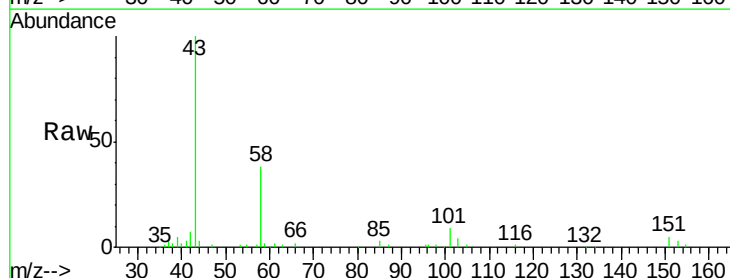
RT: 3.96 min Scan# 364

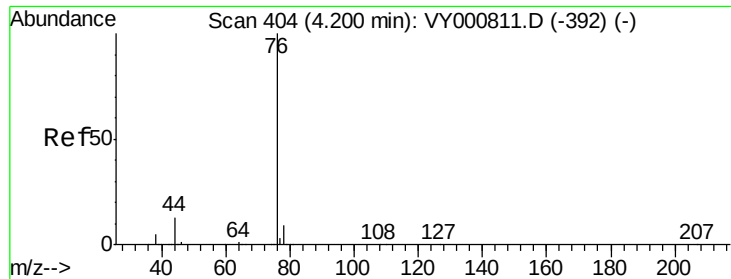
Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion:	43	Resp:	68570
Ion	Ratio	Lower	Upper
43	100		
58	38.0	28.0	42.0





#17

Carbon Disulfide

Concen: 19.372 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 76 Resp: 189994

Ion Ratio Lower Upper

76 100

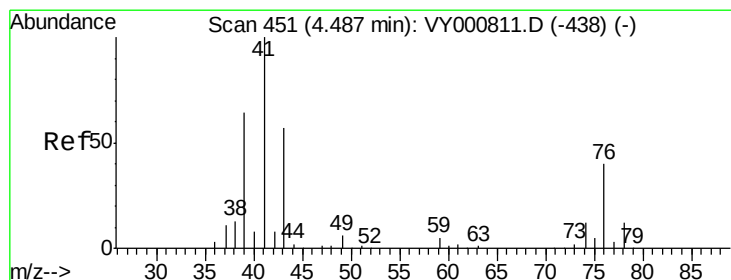
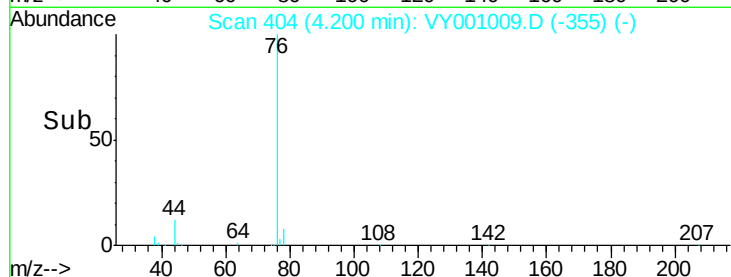
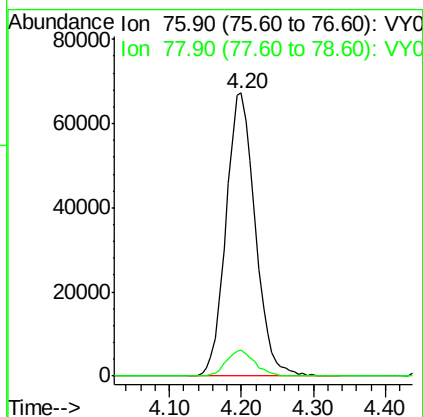
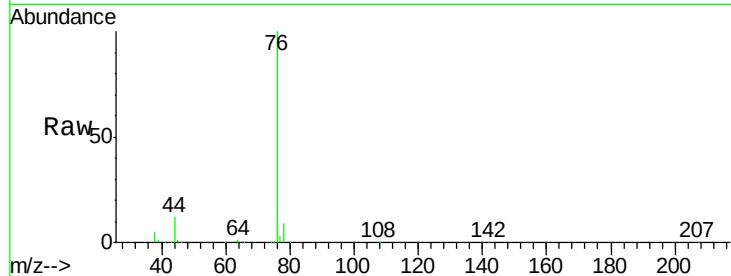
78 9.3 7.3 10.9

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#18

Methyl Acetate

Concen: 19.362 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001009.D

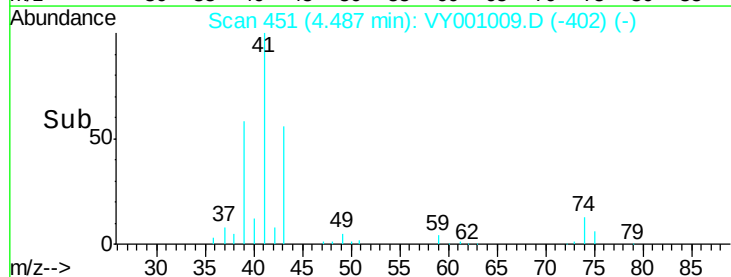
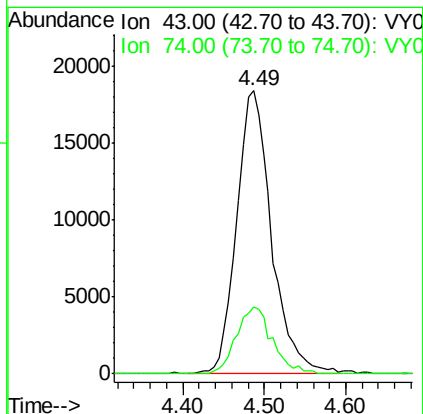
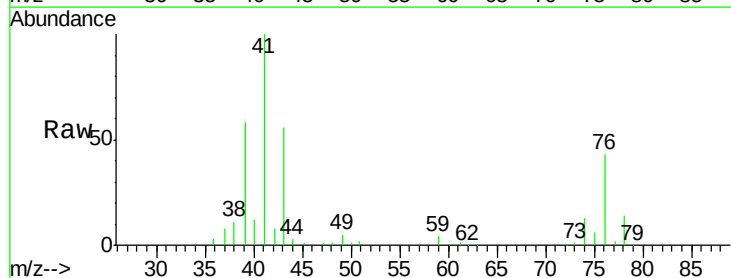
Acq: 19 Dec 2019 12:52

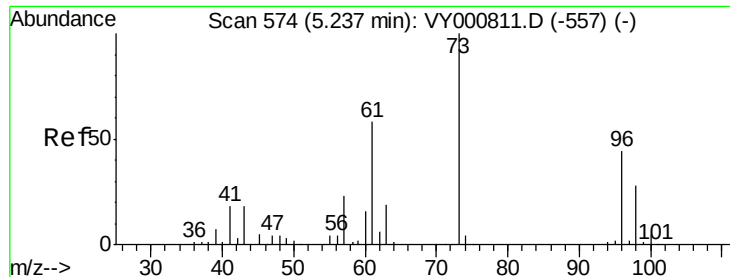
Tgt Ion: 43 Resp: 54578

Ion Ratio Lower Upper

43 100

74 24.3 18.5 27.7





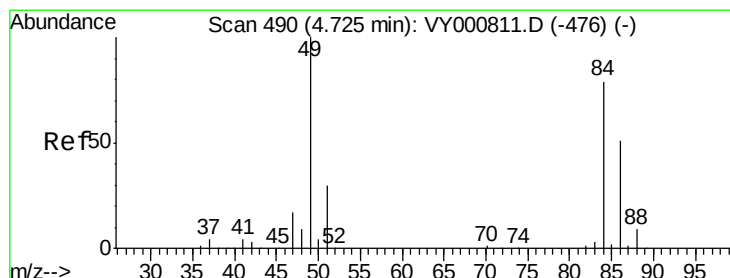
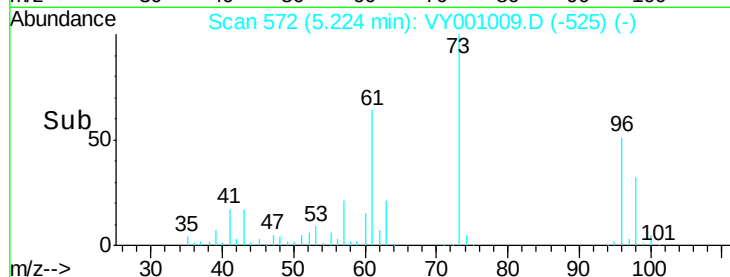
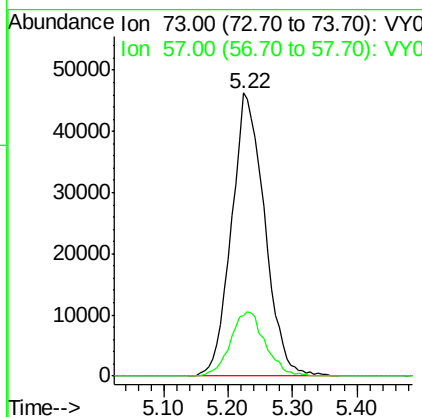
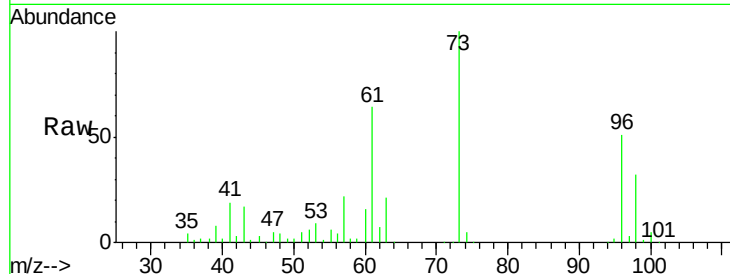
#19
Methyl tert-butyl Ether
Concen: 20.356 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 73 Resp: 164855
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4

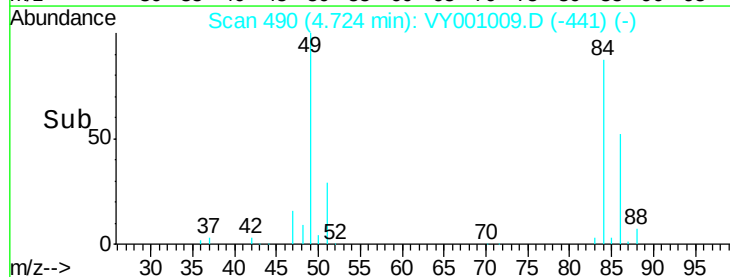
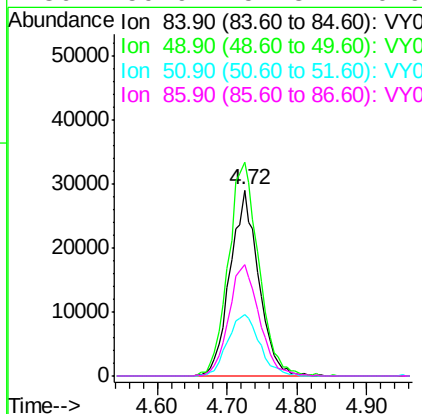
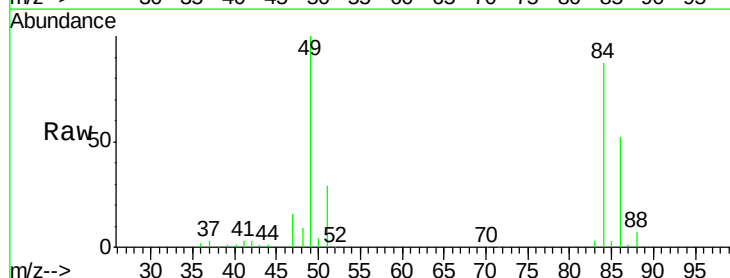
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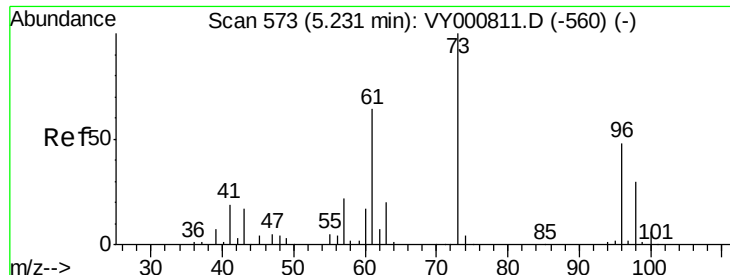
apatel
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#20
Methylene Chloride
Concen: 23.147 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion: 84 Resp: 82253
Ion Ratio Lower Upper
84 100
49 114.7 101.3 151.9
51 33.0 30.6 45.8
86 59.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.974 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 96 Resp: 72292

Ion Ratio Lower Upper

96 100

61 127.3 105.9 158.9

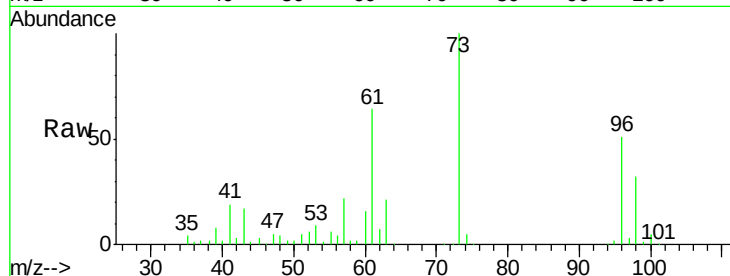
98 63.5 49.4 74.2

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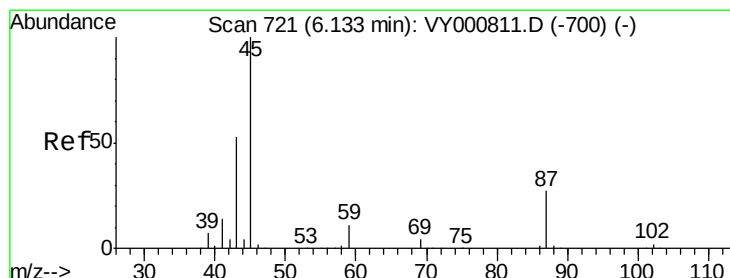
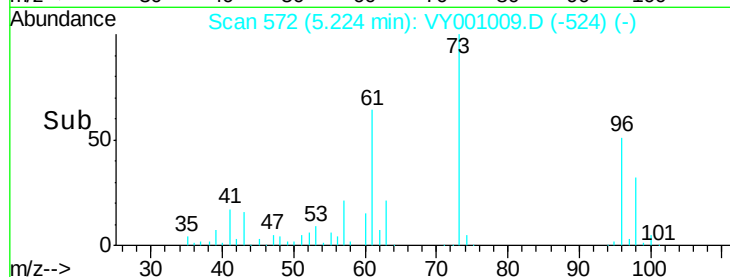
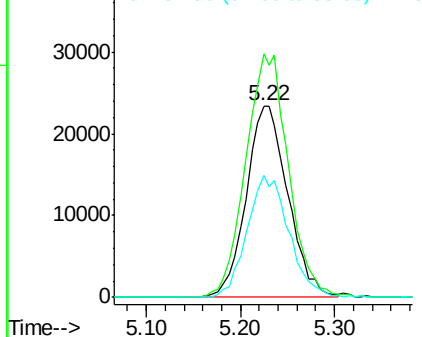


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.512 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion: 45 Resp: 219207

Ion Ratio Lower Upper

45 100

43 57.7 42.7 64.1

87 28.7 22.0 33.0

59 12.8 8.9 13.3

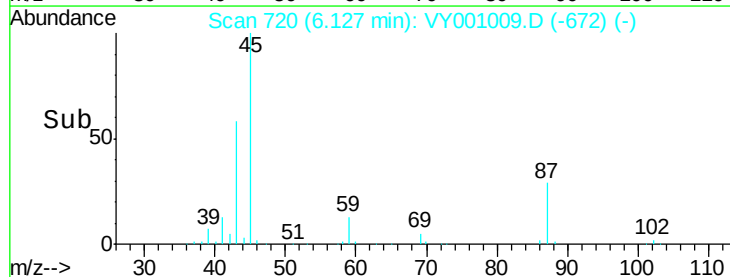
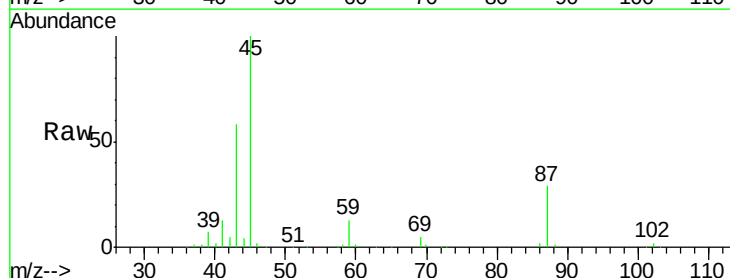
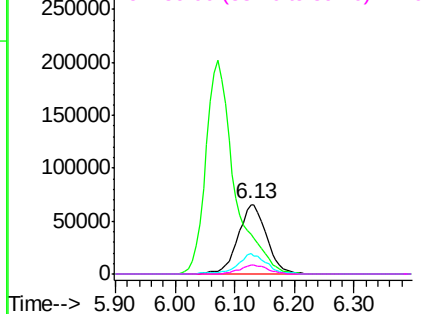
Abundance

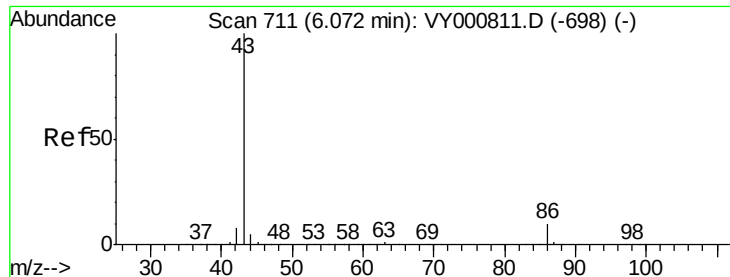
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 102.558 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 43 Resp: 666299

Ion Ratio Lower Upper

43 100

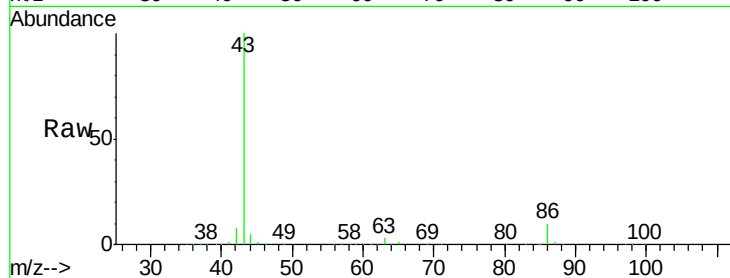
86 10.3 8.3 12.5

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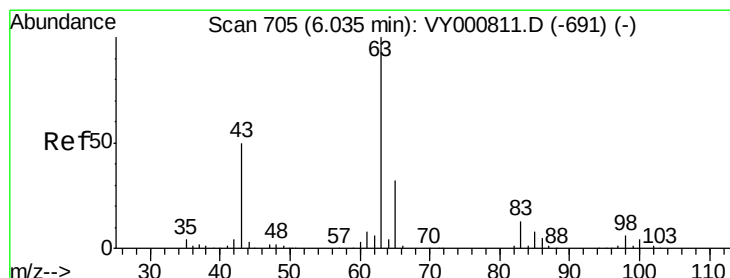
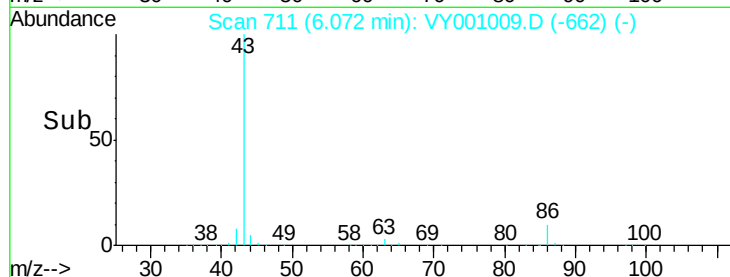
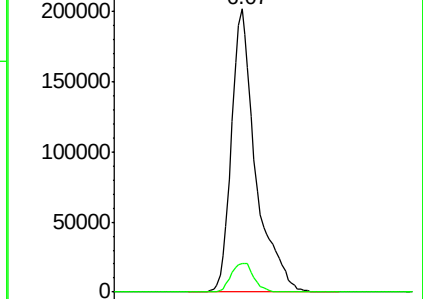
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.966 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

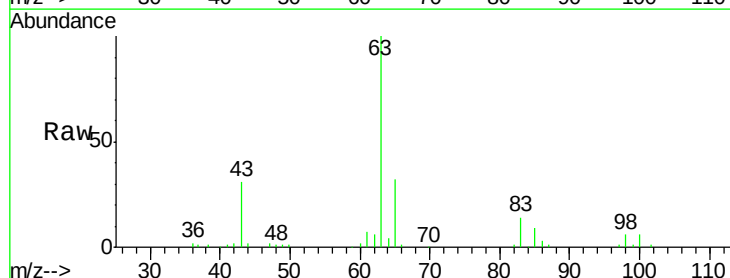
Tgt Ion: 63 Resp: 123493

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.8

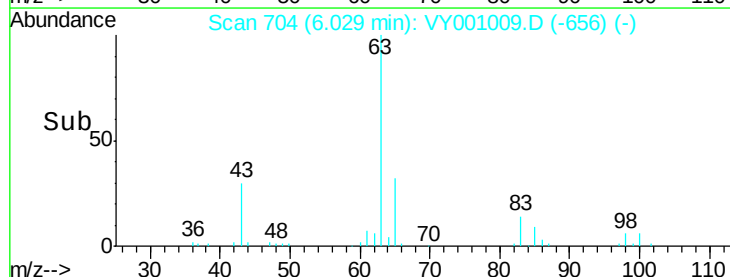
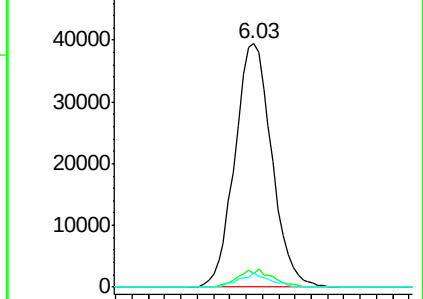
100 5.9 2.2 6.6

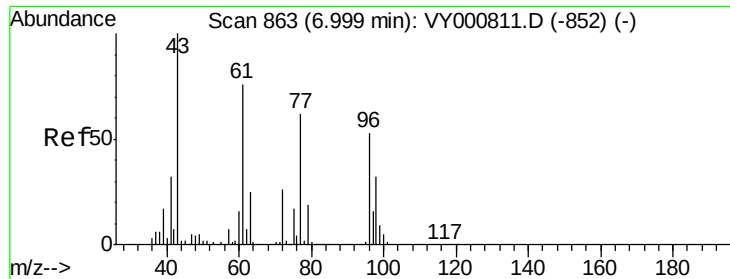


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 93.795 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 43 Resp: 116805

Ion Ratio Lower Upper

43 100

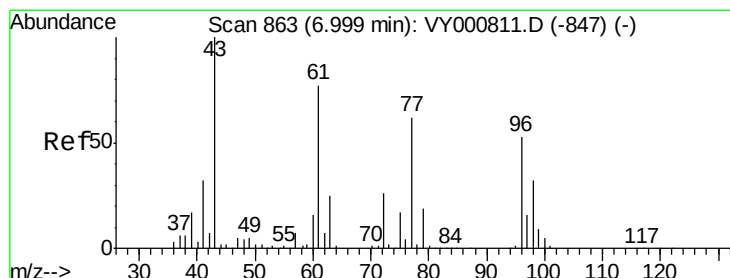
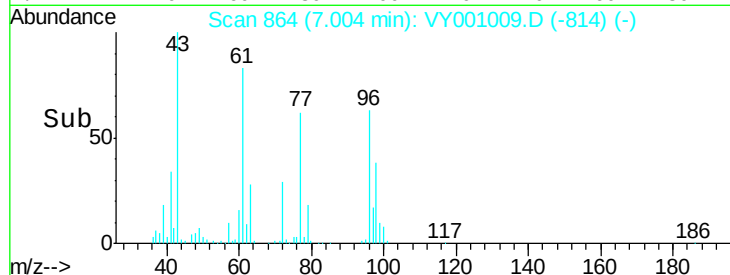
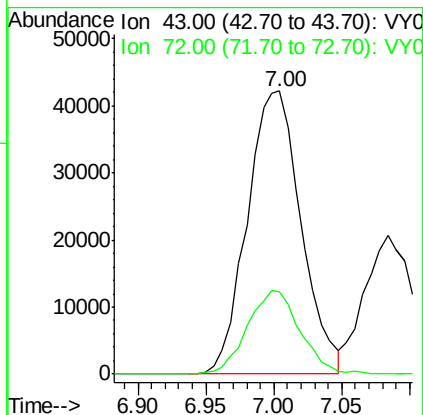
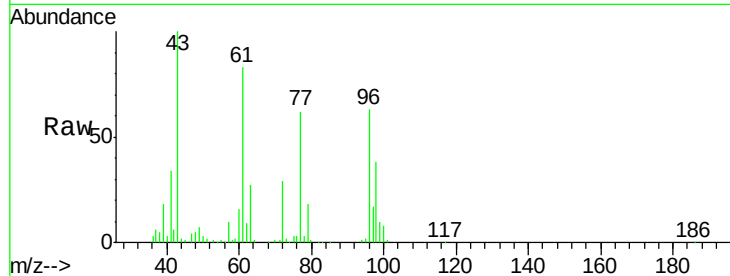
72 28.9 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 19.503 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001009.D

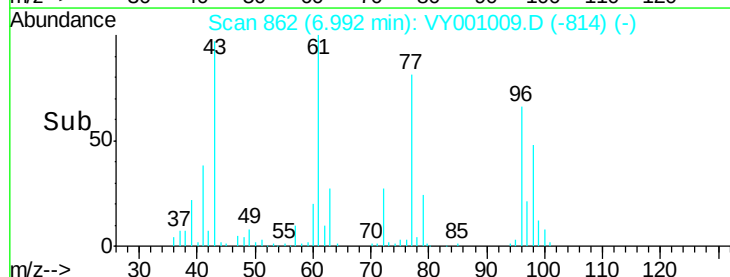
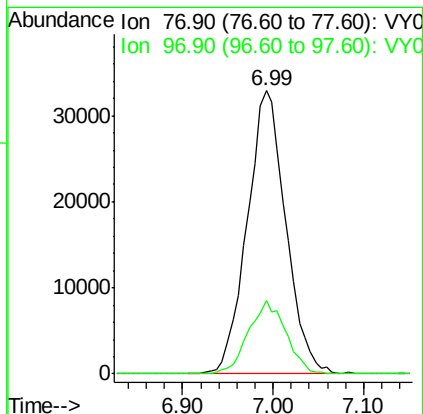
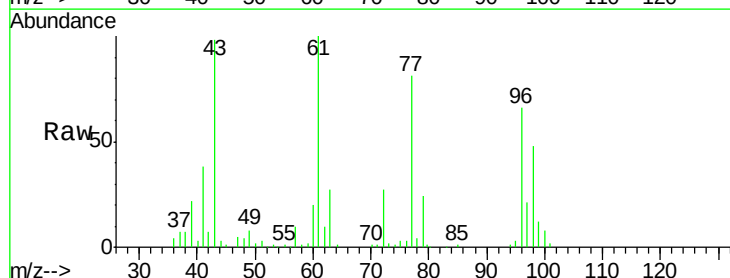
Acq: 19 Dec 2019 12:52

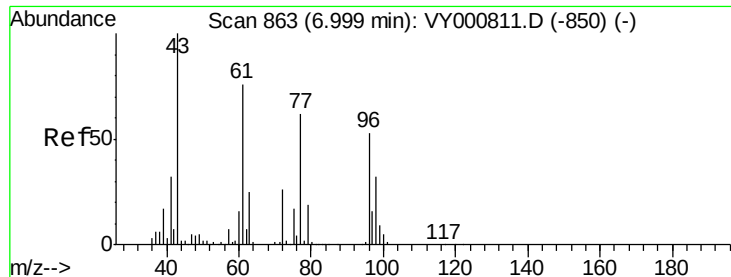
Tgt Ion: 77 Resp: 96682

Ion Ratio Lower Upper

77 100

97 25.2 11.9 35.9





#27

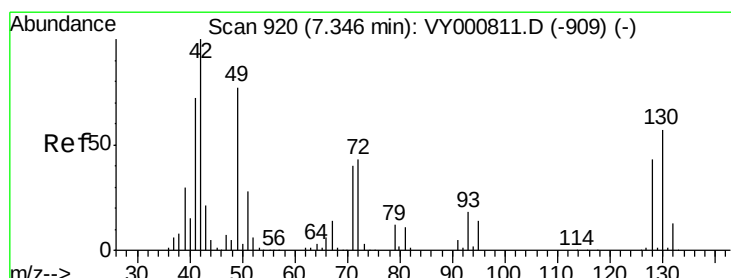
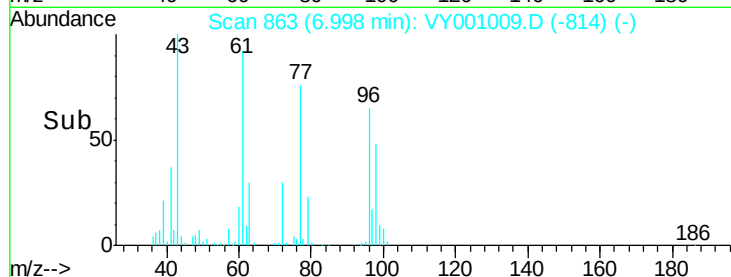
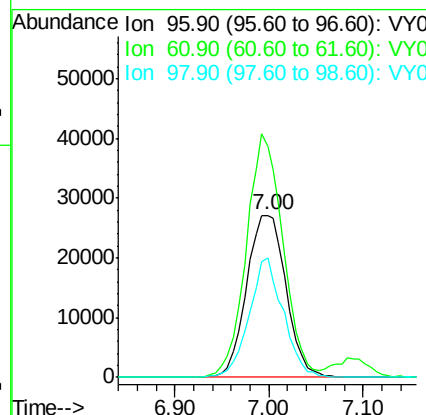
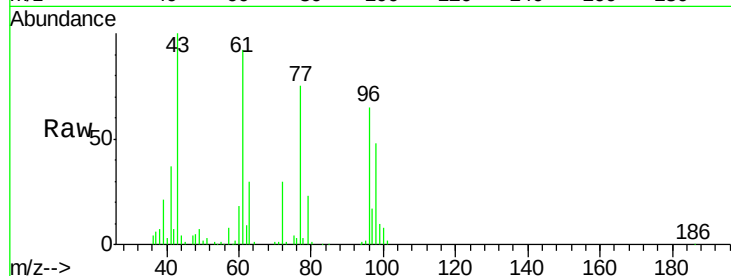
cis-1,2-Dichloroethene
Concen: 21.313 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	285.0
98	63.8	0.0	128.0

Manual Integrations
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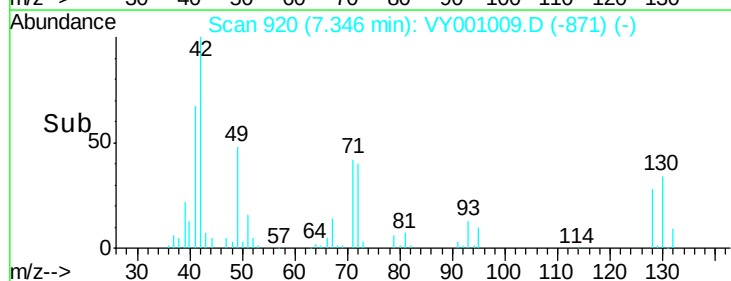
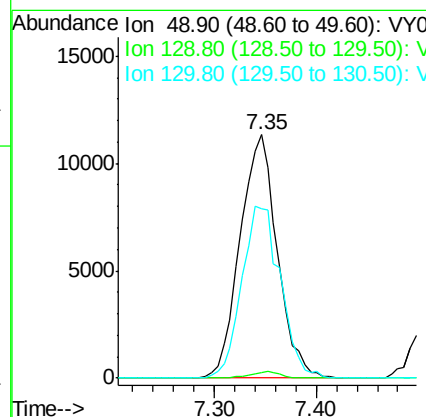
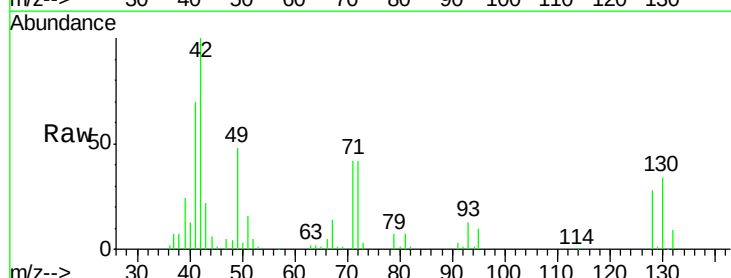
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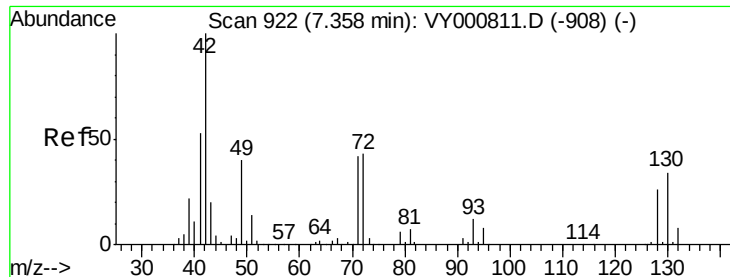


#28

Bromochloromethane
Concen: 14.739 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.6	58.7	88.1





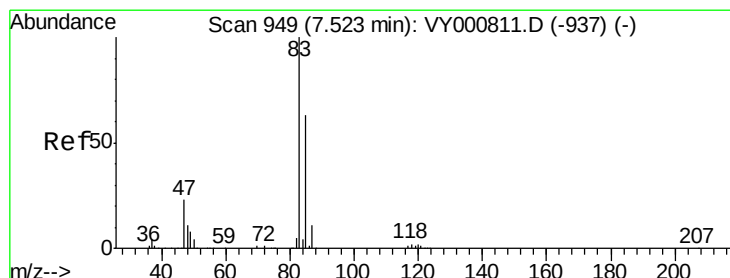
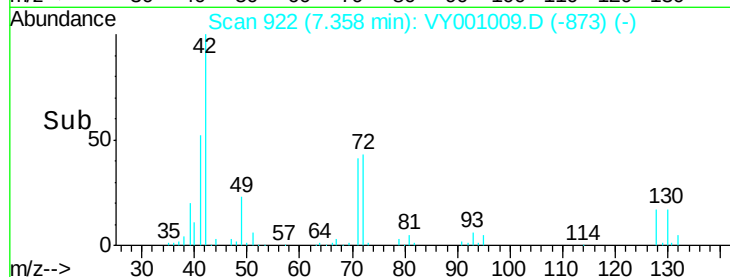
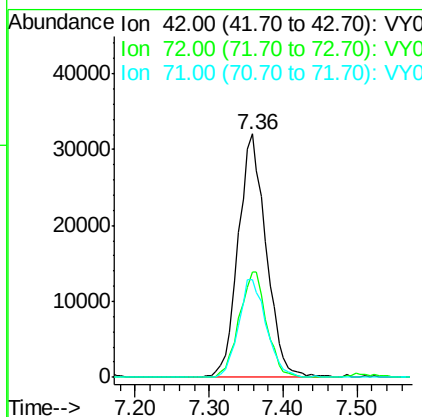
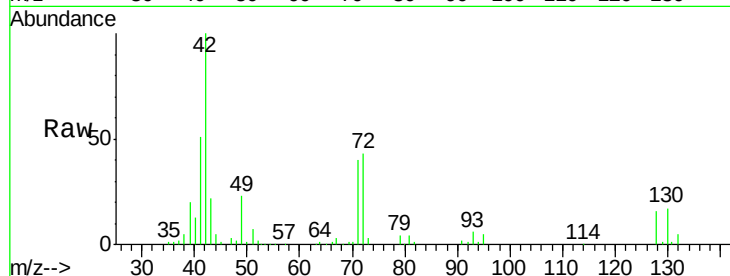
#29
Tetrahydrofuran
Concen: 102.652 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	35.1	52.7
71	39.8	32.8	49.2

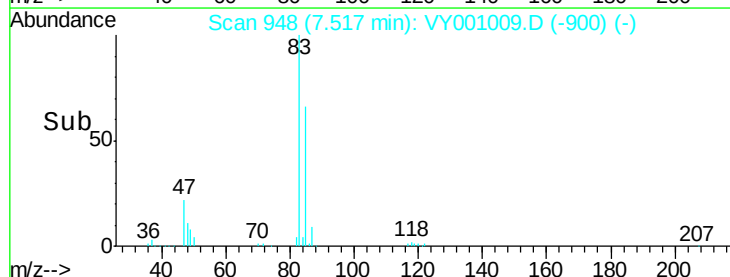
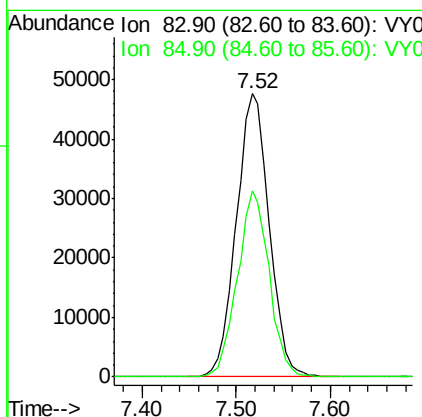
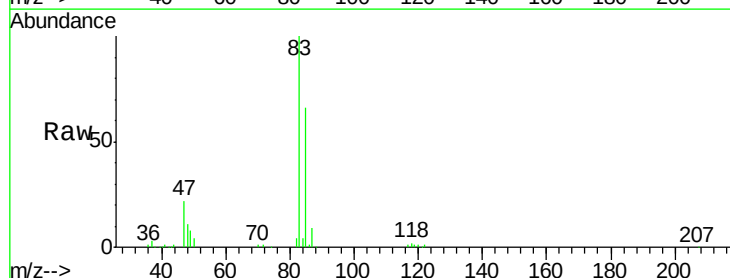
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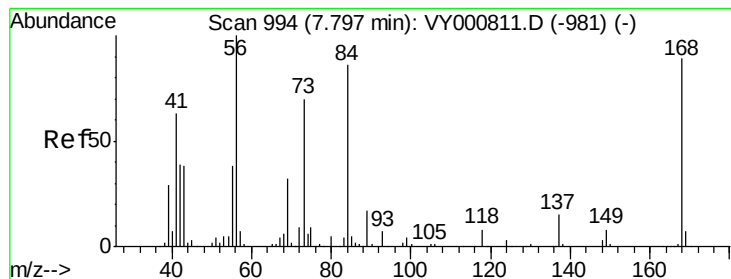
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#30
Chloroform
Concen: 19.620 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.4	75.6





#31

Cyclohexane

Concen: 19.256 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

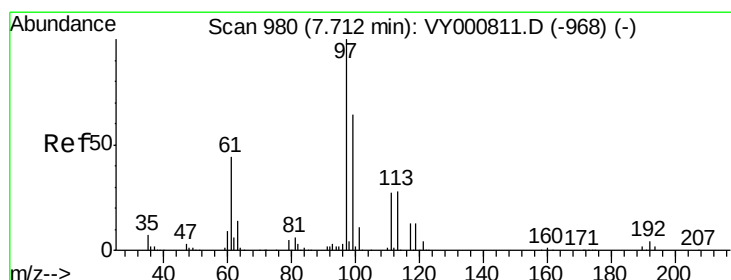
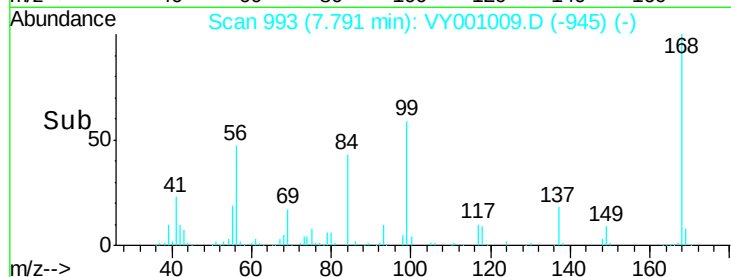
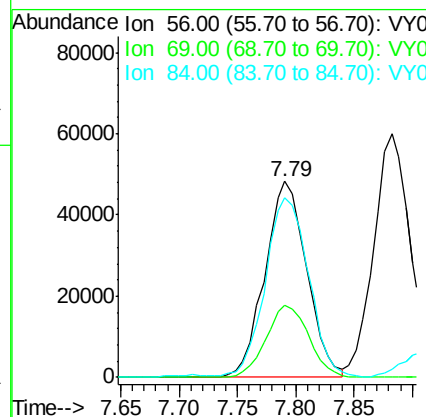
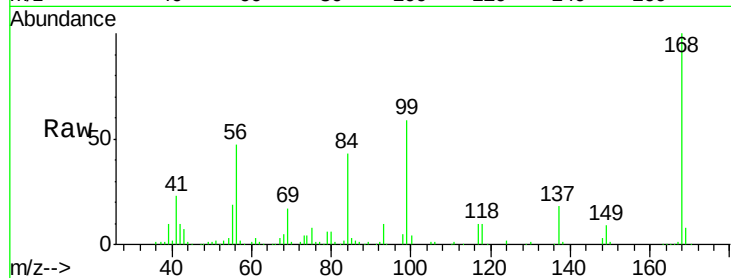
ClientSampleId :

VY1219SBS01

Tot Ion:	56	Resp:	120151
Ion Ratio	Lower	Upper	
56	100		
69	36.7	25.9	38.9
84	89.9	68.6	102.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.069 ug/l

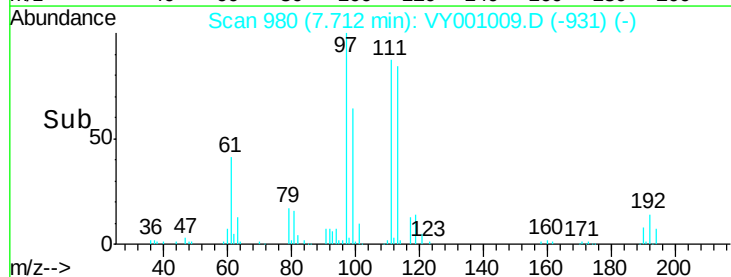
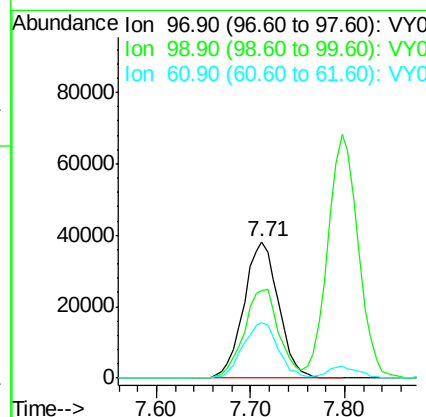
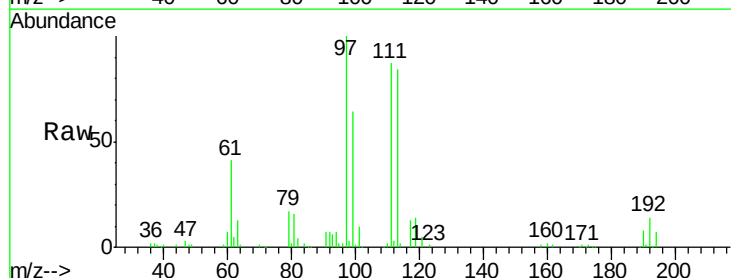
RT: 7.71 min Scan# 980

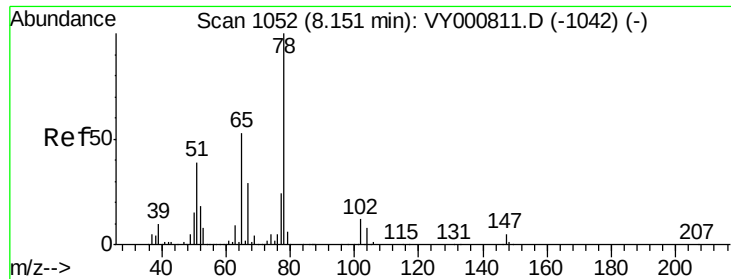
Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion:	97	Resp:	97917
Ion Ratio	Lower	Upper	
97	100		
99	65.8	51.7	77.5
61	41.2	35.0	52.6





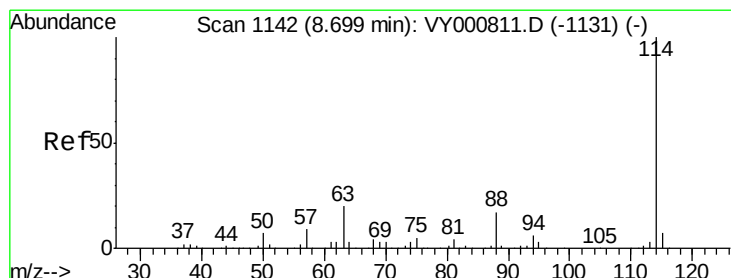
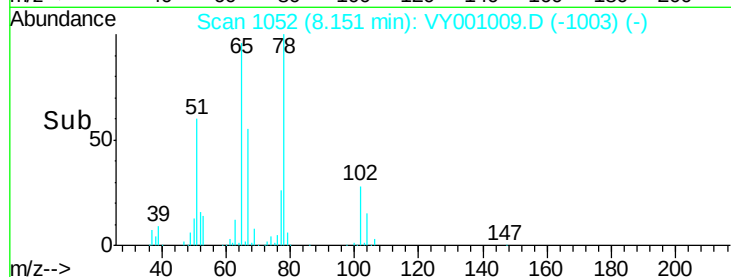
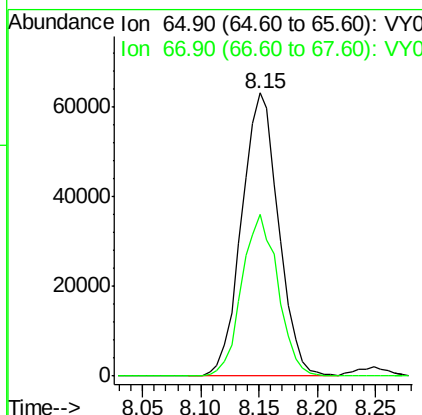
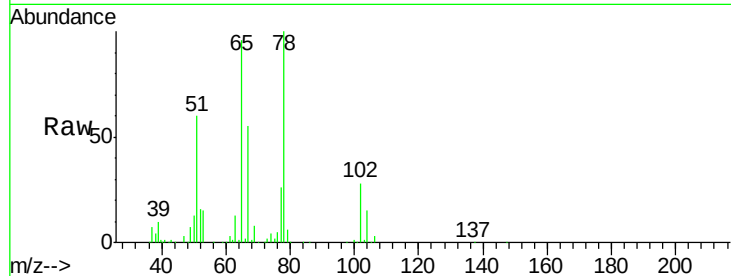
#33
 1,2-Dichloroethane-d4
 Concen: 47.251 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138860		
67	56.2	0.0	112.0	

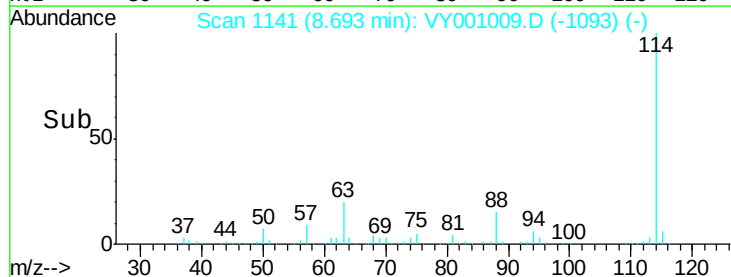
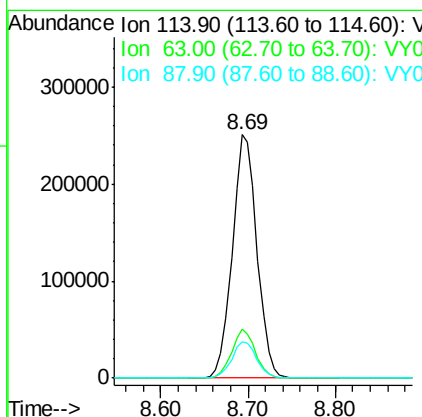
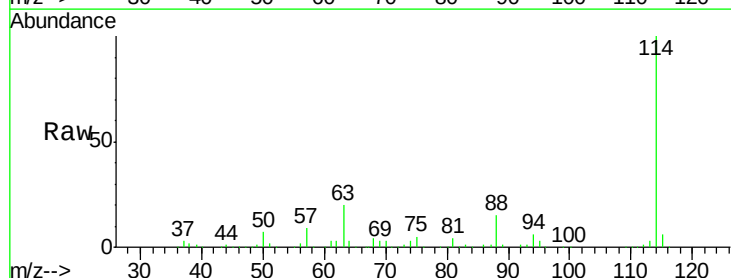
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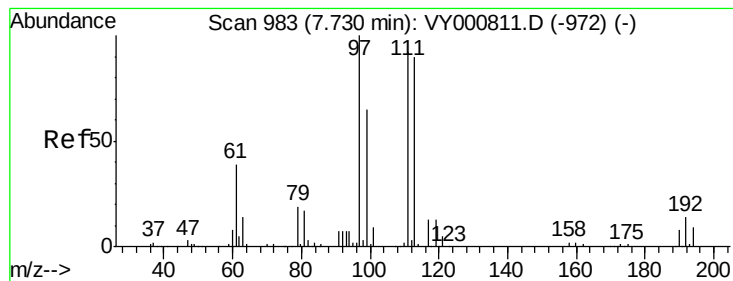
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	489422		
63	19.9	0.0	39.8	
88	15.1	0.0	33.2	





#35

Dibromofluoromethane

Concen: 47.370 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

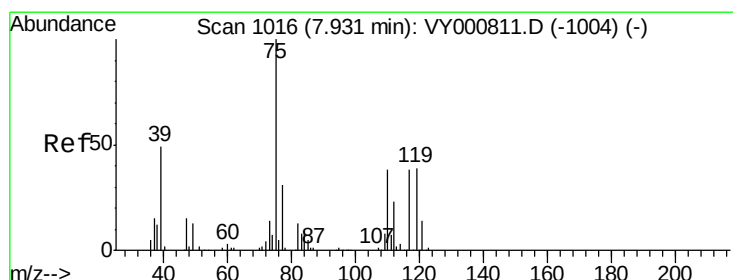
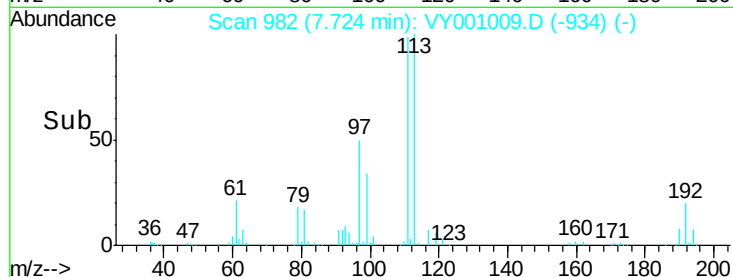
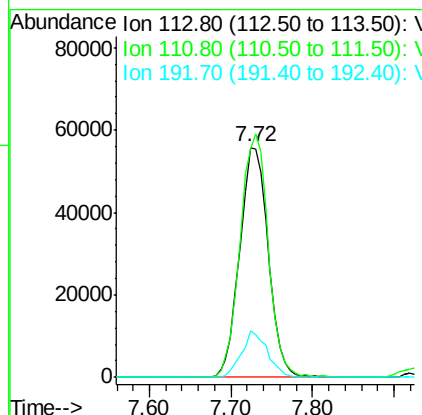
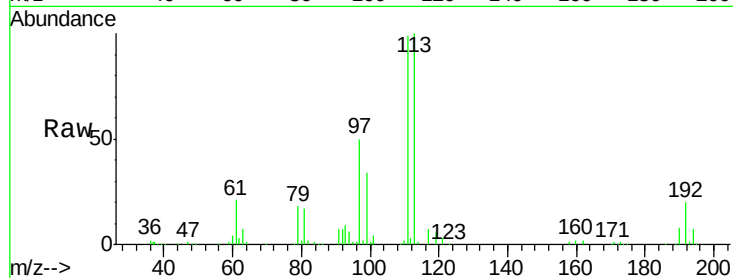
ClientSampleId :

VY1219SBS01

Tot Ion:	113	Resp:	135115
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.4	123.6
192	18.4	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 20.012 ug/l

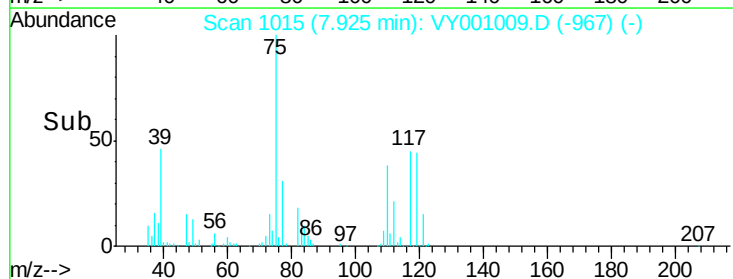
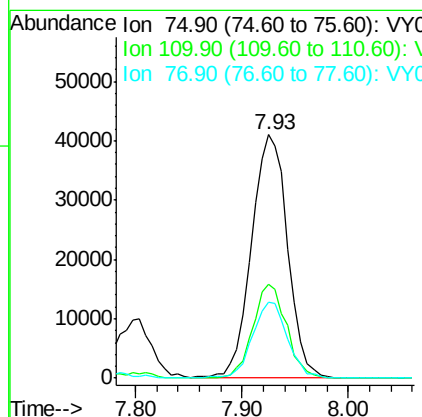
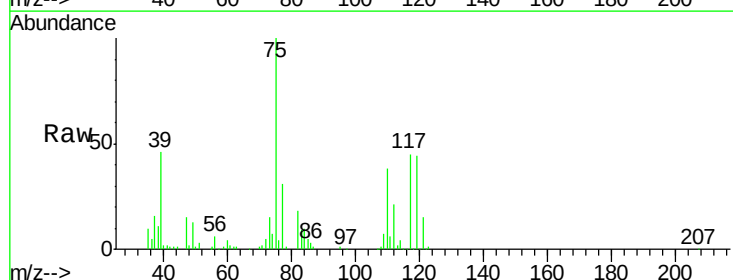
RT: 7.93 min Scan# 1015

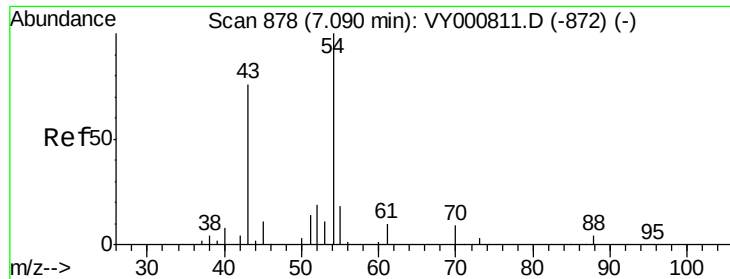
Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion:	75	Resp:	97386
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.9	53.7
77	30.6	24.7	37.1





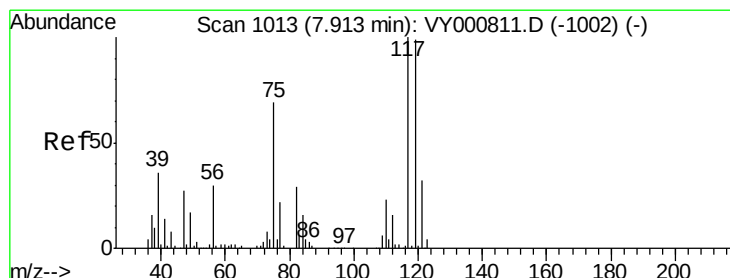
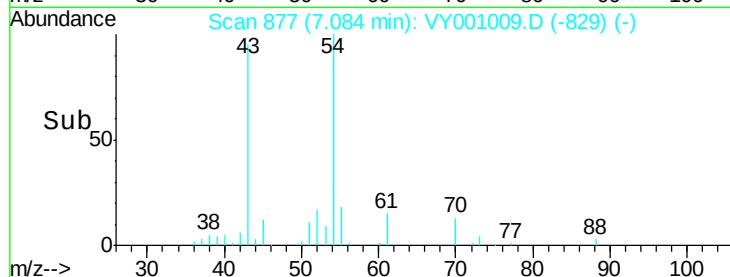
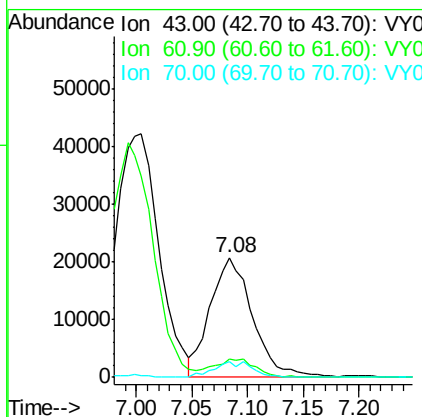
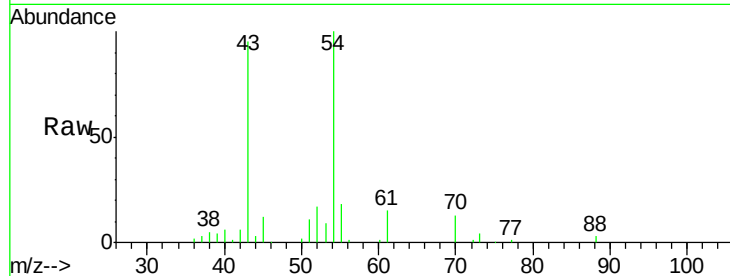
#37
Ethyl Acetate
Concen: 19.584 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.8	17.8
70	12.1	8.7	13.1

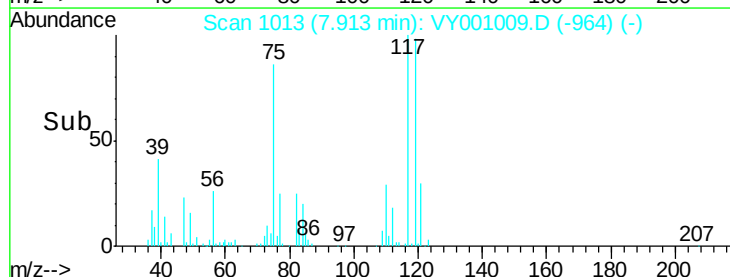
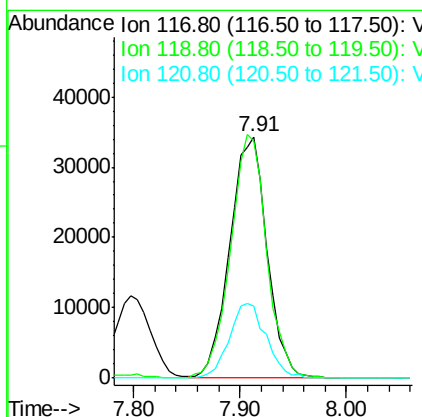
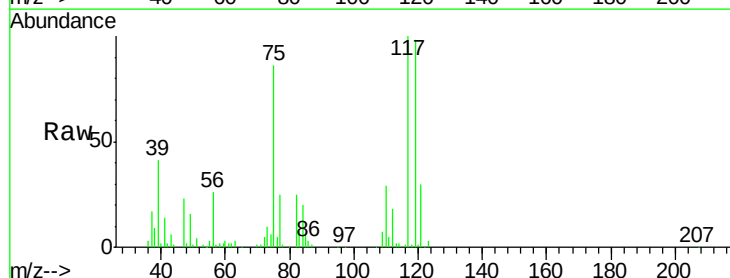
Manual Integrations
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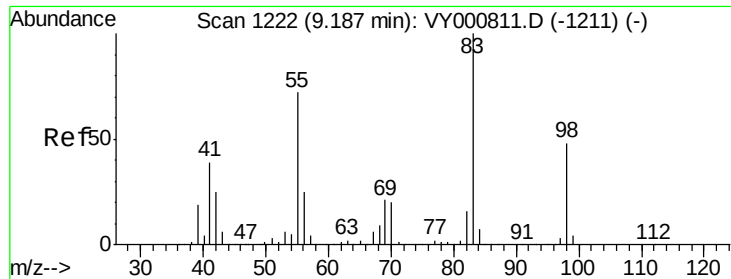
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#38
Carbon Tetrachloride
Concen: 19.389 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	79.3	118.9
121	29.7	25.5	38.3





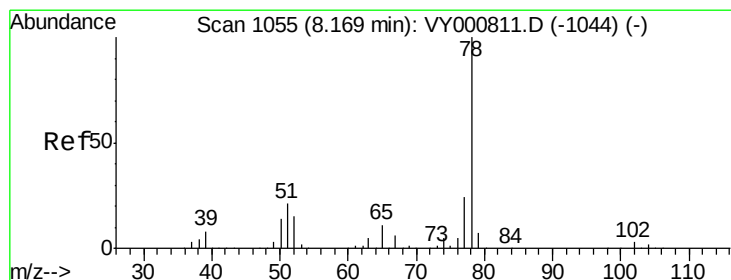
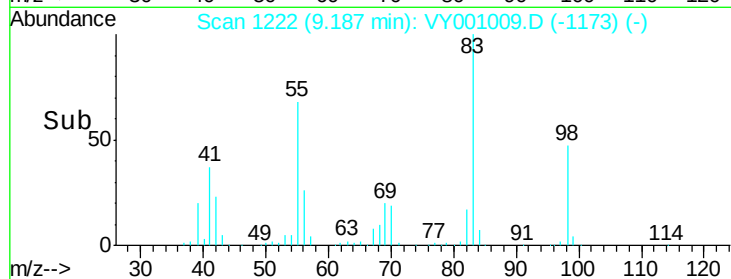
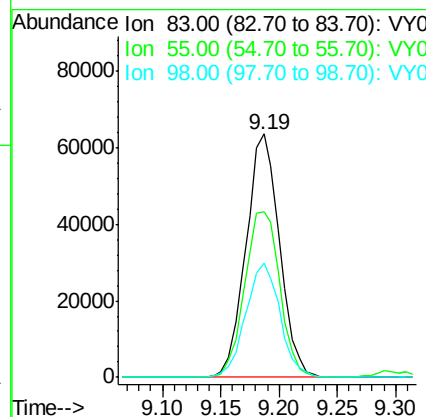
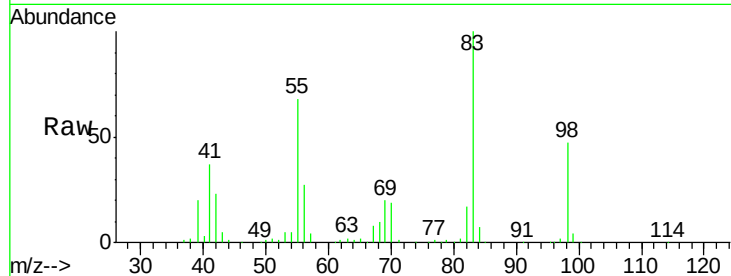
#39
Methylvlcyclohexane
Concen: 19.812 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.2	57.8	86.6
98	47.2	38.6	58.0

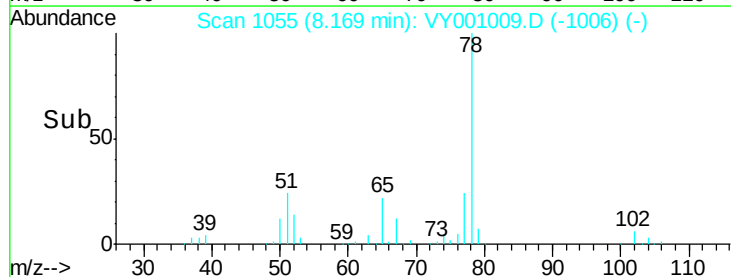
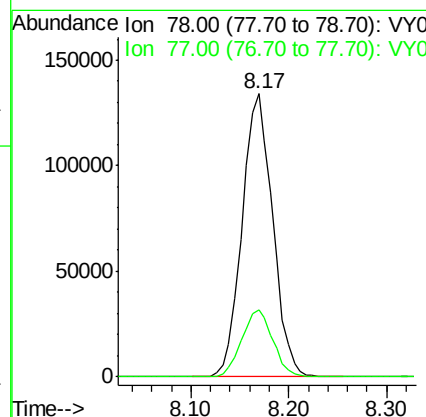
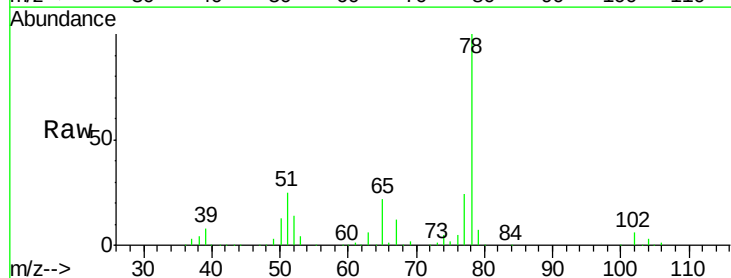
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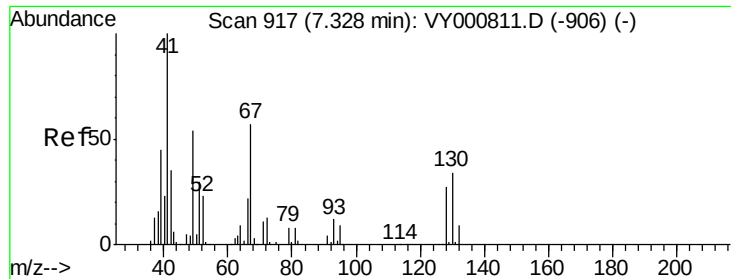
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#40
Benzene
Concen: 20.480 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





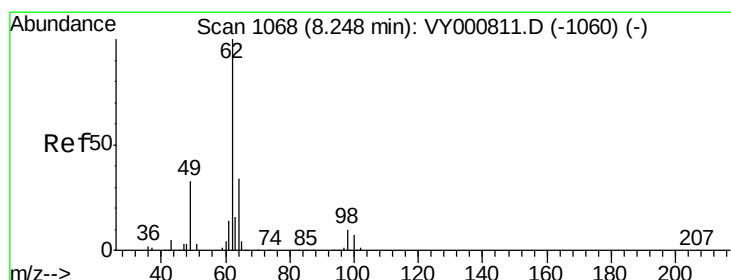
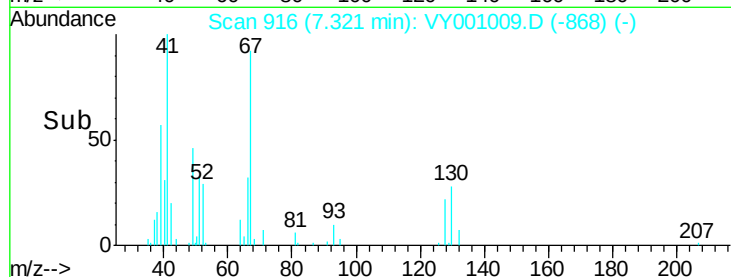
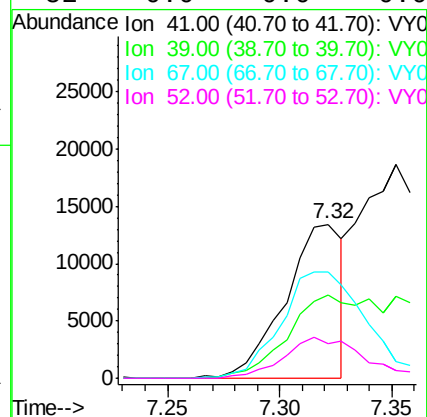
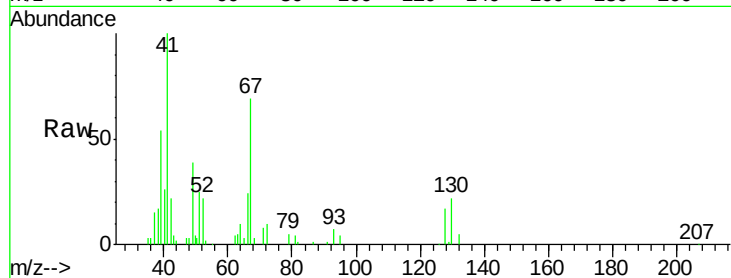
#41
Methacrylonitrile
Concen: 16.325 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	41	Resp	24176
Ion Ratio	Lower	Upper	
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

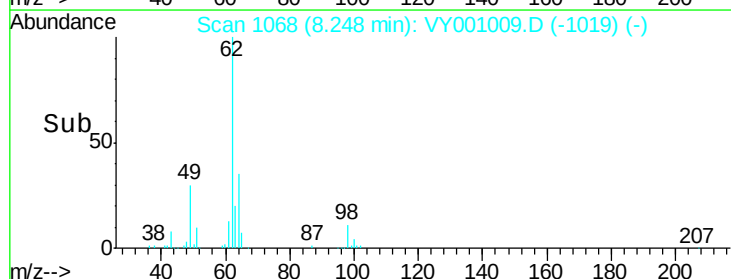
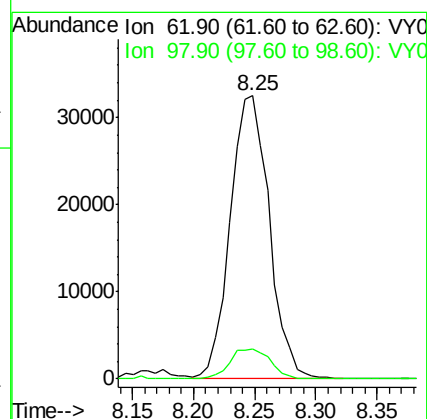
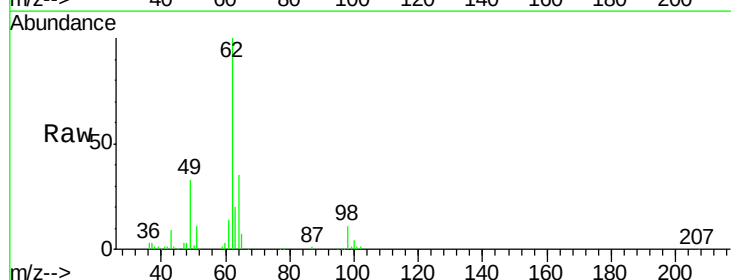
Manual Integrations
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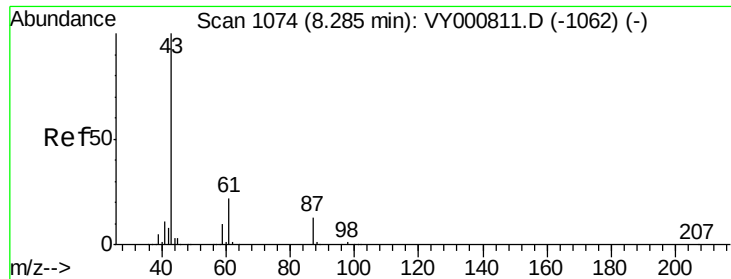
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#42
1,2-Dichloroethane
Concen: 19.258 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	62	Resp	71792
Ion Ratio	Lower	Upper	
62	100		
98	11.1	0.0	21.4





#43

Isopropyl Acetate

Concen: 18.967 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

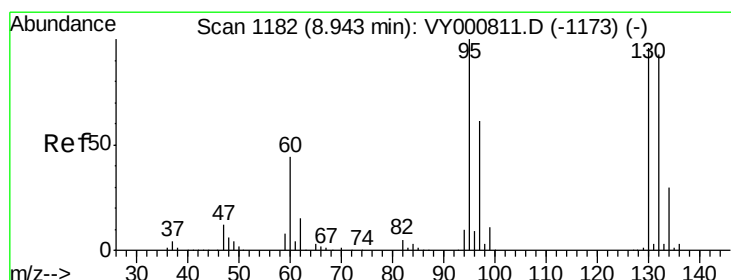
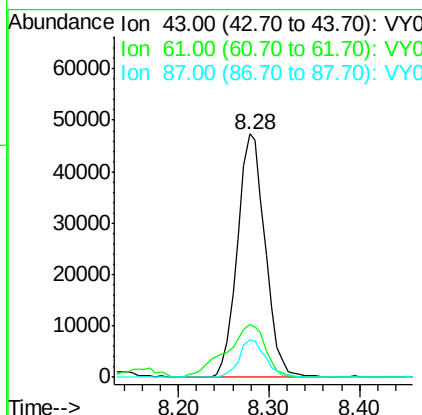
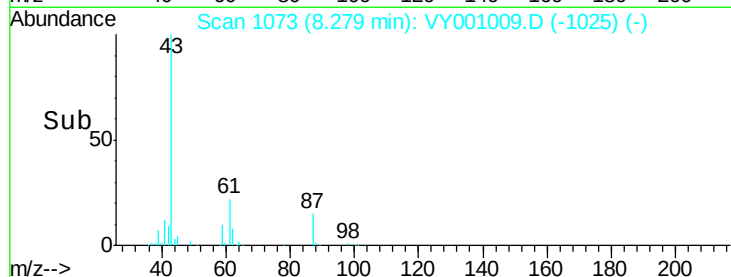
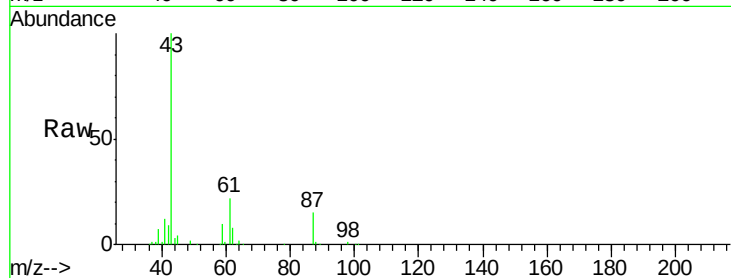
ClientSampleId :

VY1219SBS01

Tot Ion:	43	Resp:	100435
Ion Ratio	Lower	Upper	
43	100		
61	30.9	23.7	35.5
87	14.4	10.6	15.8

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#44

Trichloroethene

Concen: 20.744 ug/l

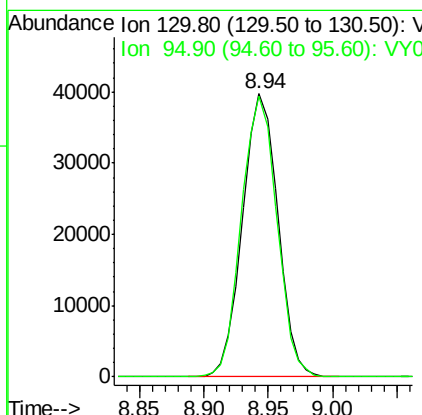
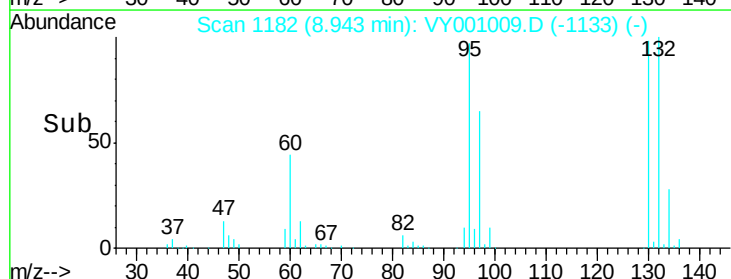
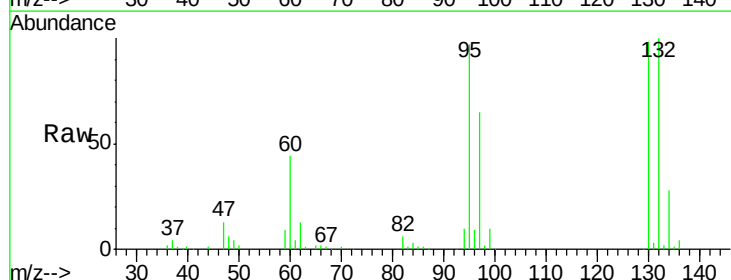
RT: 8.94 min Scan# 1182

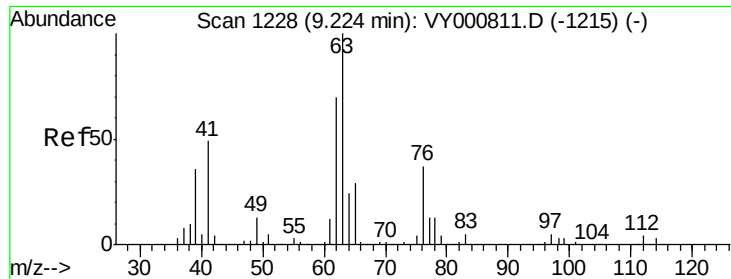
Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion:	130	Resp:	75569
Ion Ratio	Lower	Upper	
130	100		
95	99.2	0.0	207.8





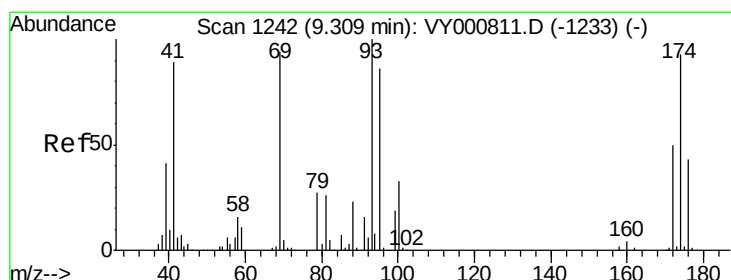
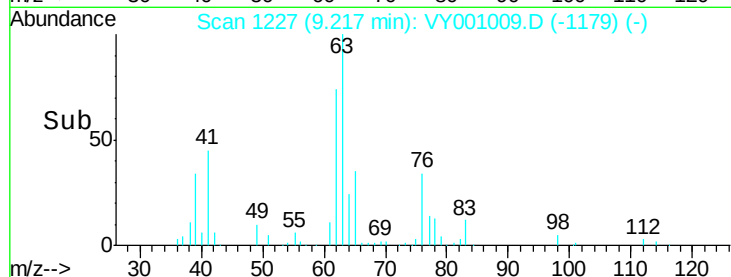
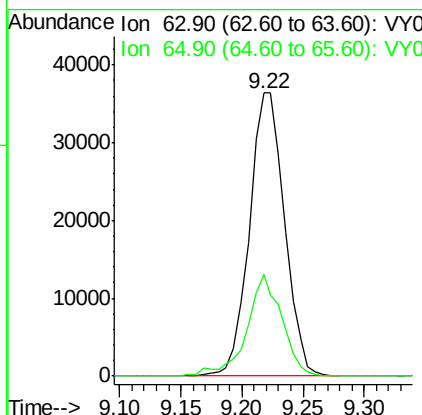
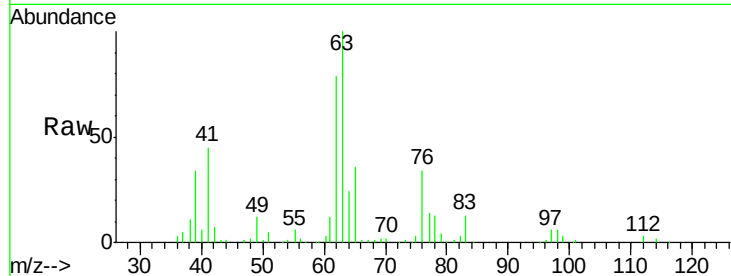
#45
 1,2-Dichloropropane
 Concen: 20.457 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion: 63 Resp: 72837
 Ion Ratio Lower Upper
 63 100
 65 35.7 23.2 34.8#

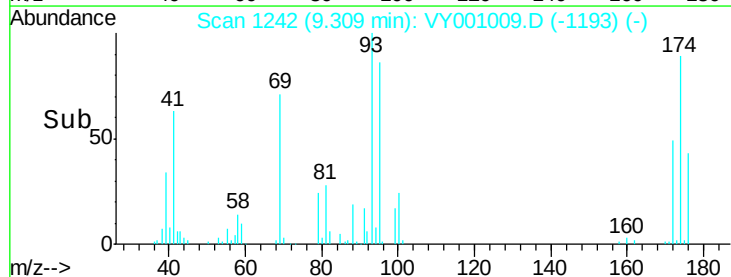
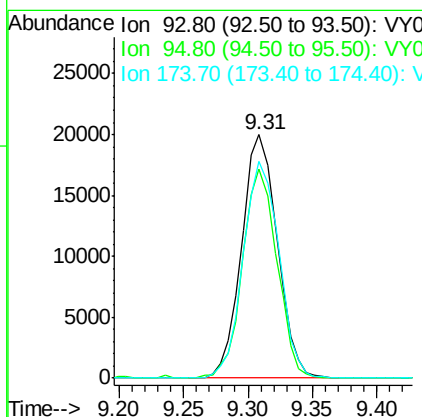
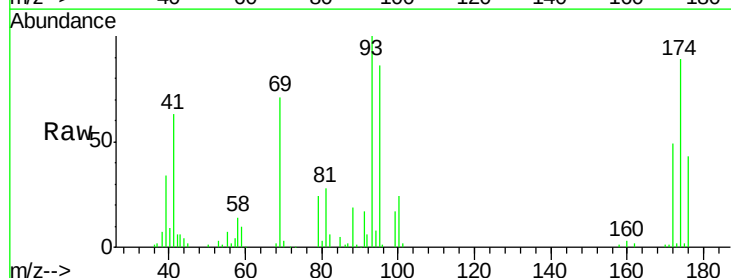
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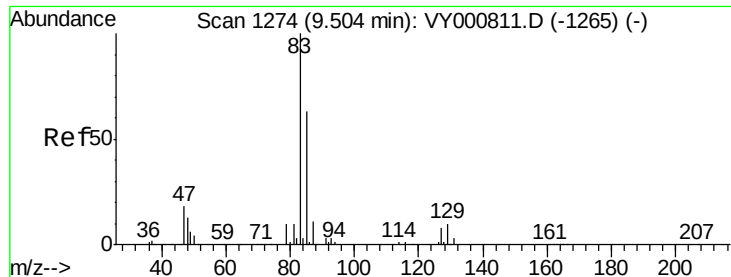
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#46
 Dibromomethane
 Concen: 20.624 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion: 93 Resp: 38367
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 89.1 73.0 109.6





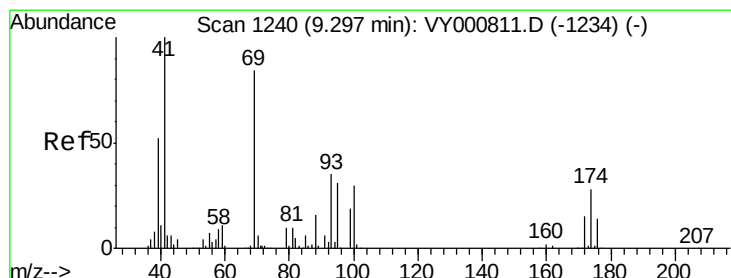
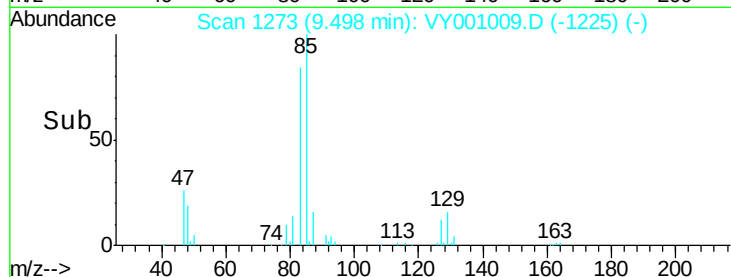
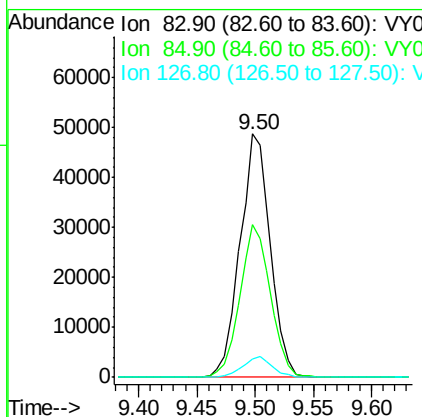
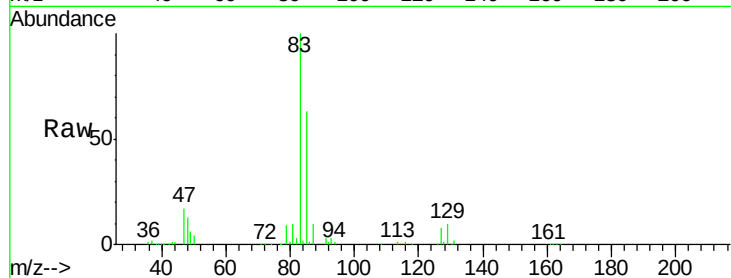
#47
Bromodichloromethane
Concen: 20.145 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	83	Resp	88037
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	50.8	76.2
127	7.5	6.6	10.0

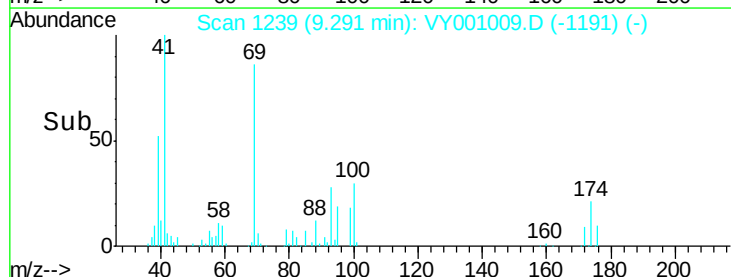
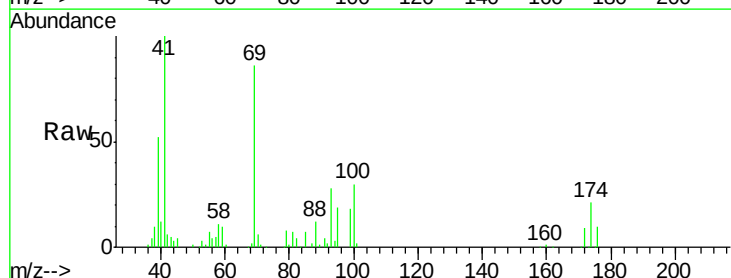
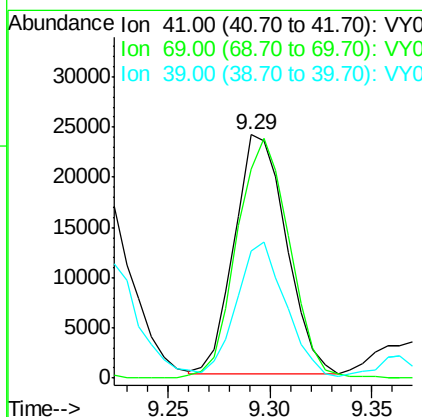
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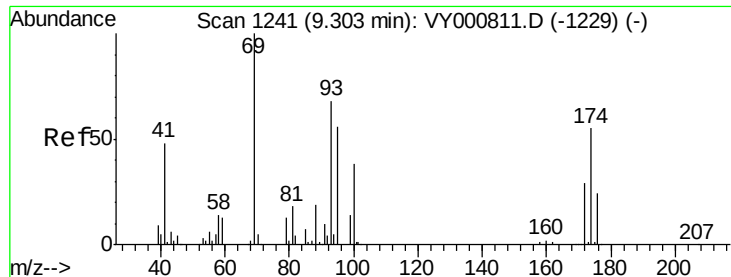
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#48
Methyl methacrylate
Concen: 18.129 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	41	Resp	42213
Ion Ratio	100	Lower	Upper
41	100		
69	101.5	70.4	105.6
39	54.4	40.9	61.3





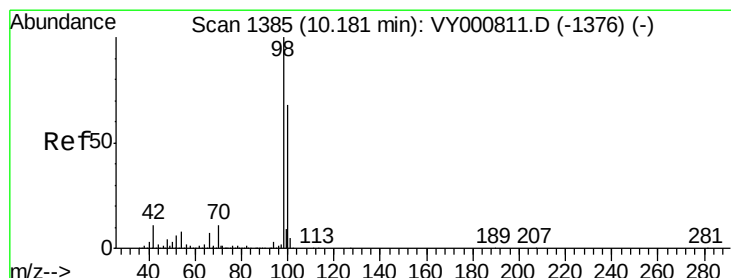
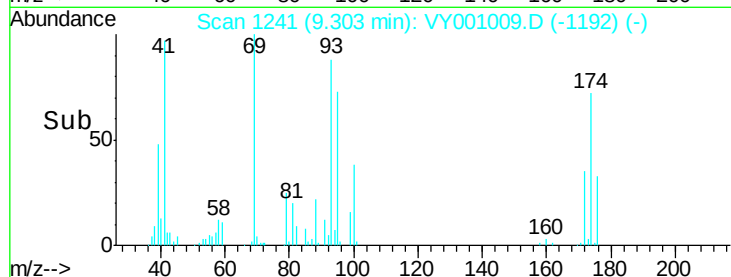
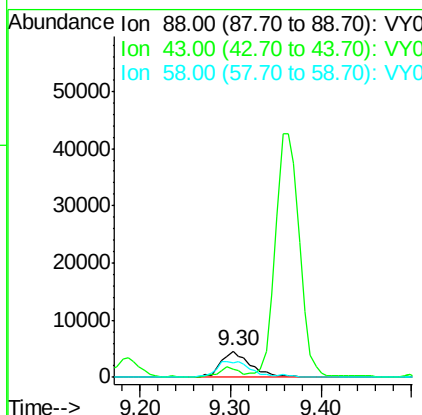
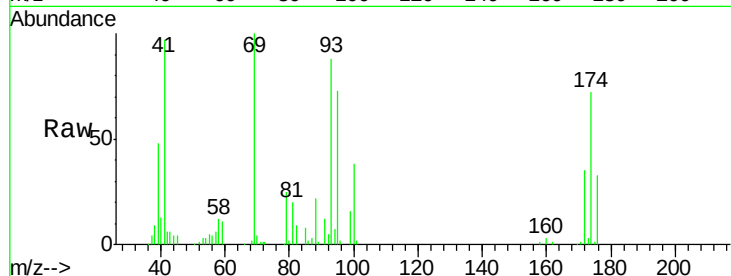
#49
1,4-Dioxane
Concen: 403.882 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	88	Resp	10646
Ion Ratio	Lower	Upper	
88	100		
43	25.7	21.1	31.7
58	69.2	50.7	76.1

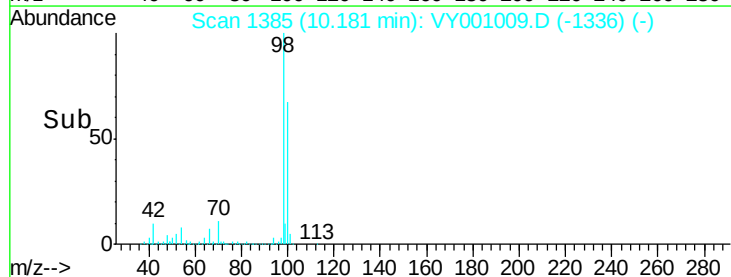
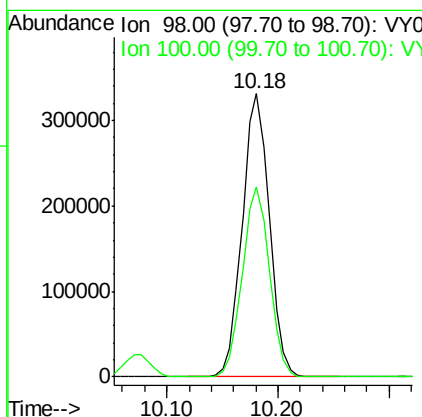
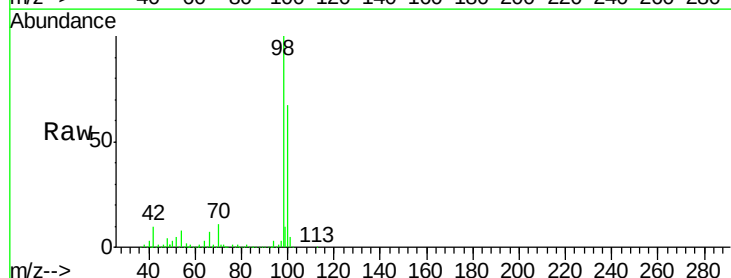
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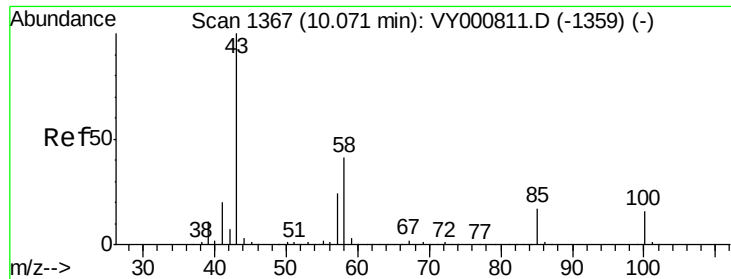
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#50
Toluene-d8
Concen: 49.018 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	98	Resp	558981
Ion Ratio	Lower	Upper	
98	100		
100	66.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 97.143 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 43 Resp: 265773

Ion Ratio Lower Upper

43 100

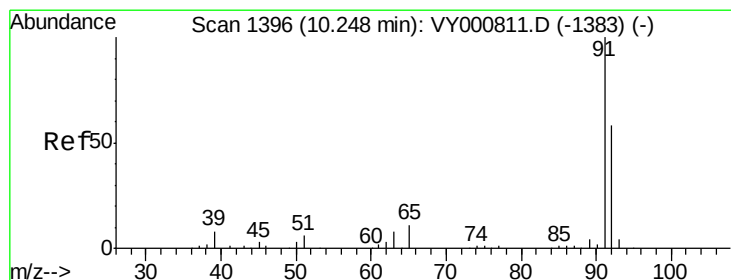
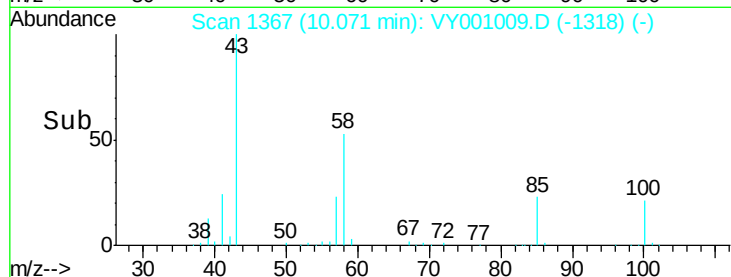
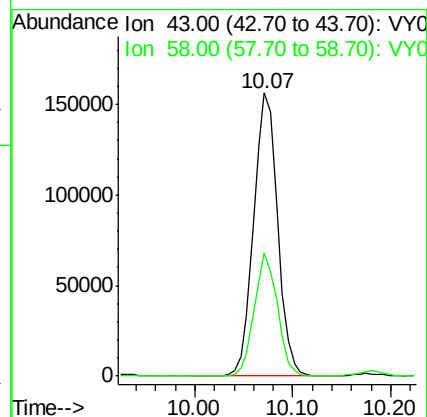
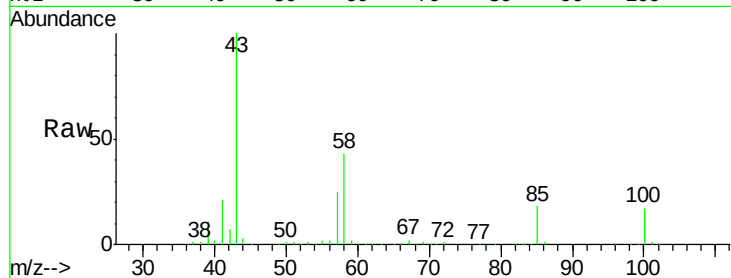
58 42.0 33.1 49.7

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#52

Toluene

Concen: 20.602 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY001009.D

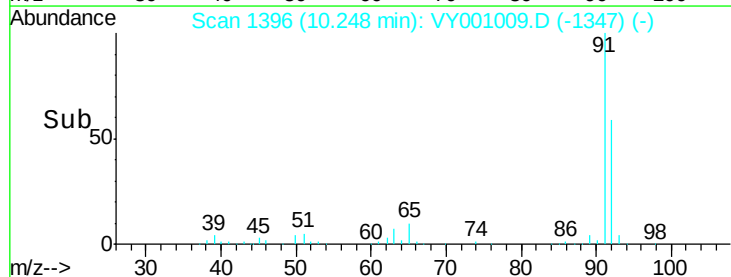
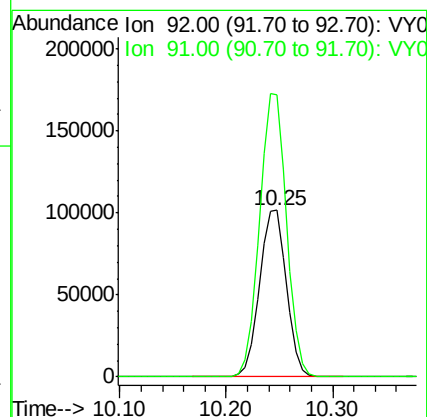
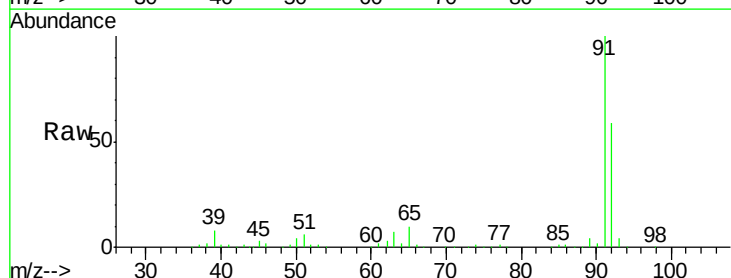
Acq: 19 Dec 2019 12:52

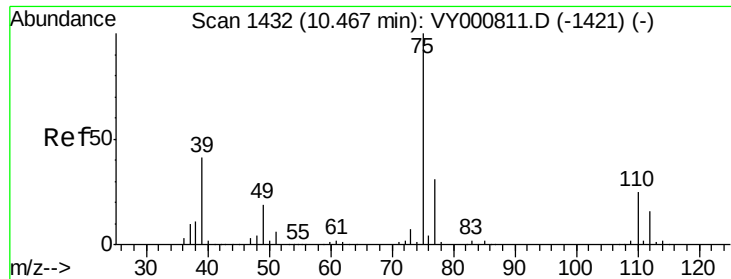
Tgt Ion: 92 Resp: 180814

Ion Ratio Lower Upper

92 100

91 169.6 136.6 204.8





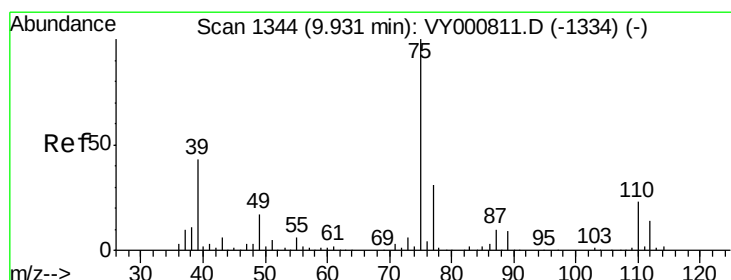
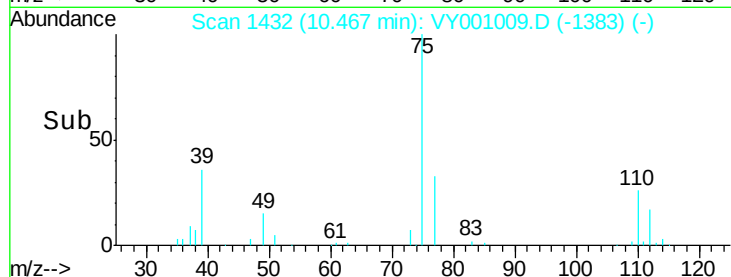
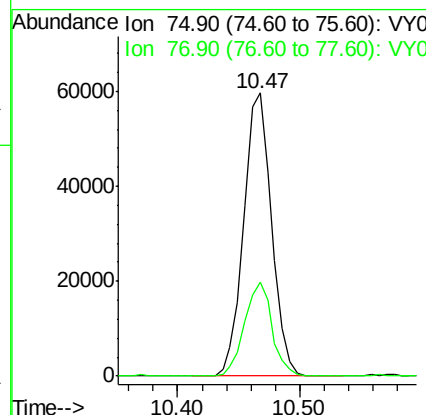
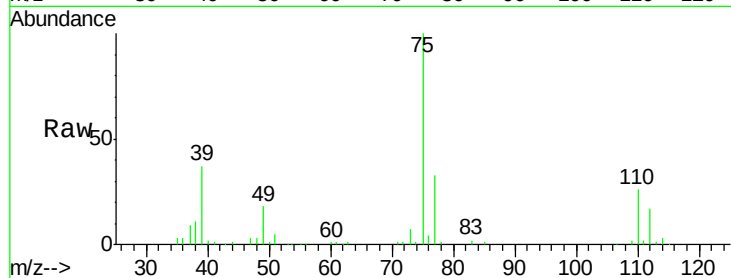
#53
 t-1,3-Dichloropropene
 Concen: 20.077 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion: 75 Resp: 94263
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.1 37.7

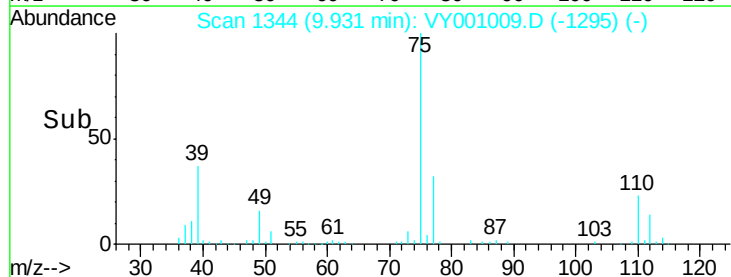
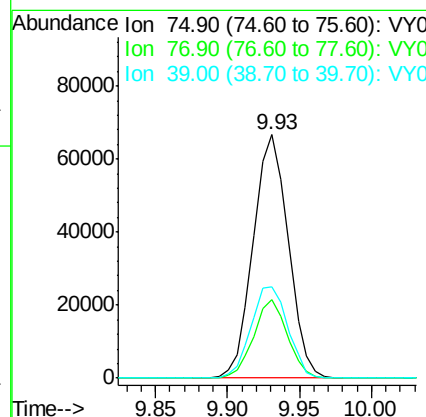
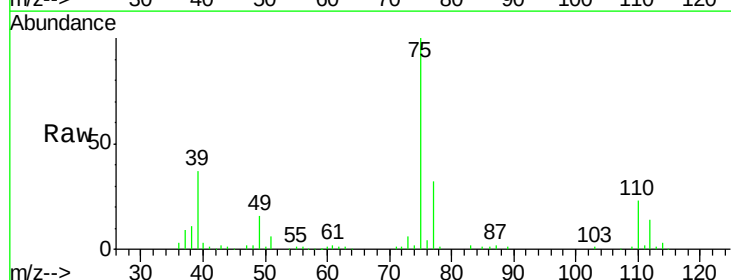
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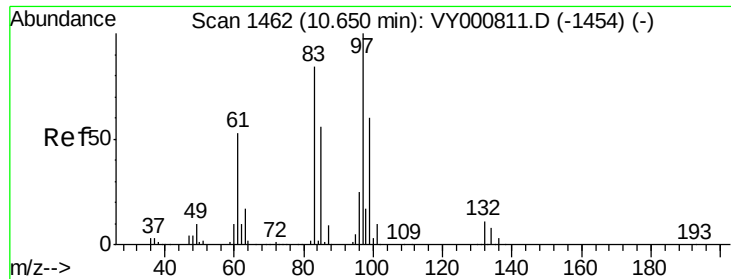
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#54
 cis-1,3-Dichloropropene
 Concen: 20.244 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion: 75 Resp: 112349
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.7 37.1
 39 37.3 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.899 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 97 Resp: 57440

Ion Ratio Lower Upper

97 100

83 93.0 67.5 101.3

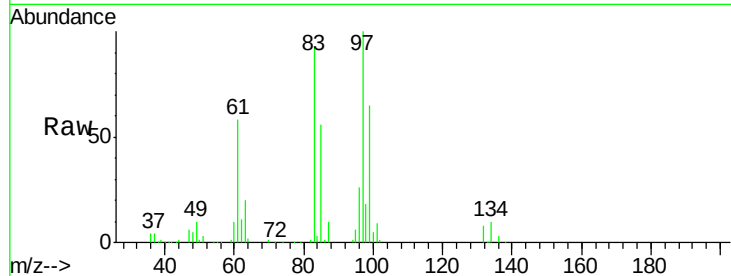
85 56.1 44.5 66.7

99 64.8 47.7 71.5

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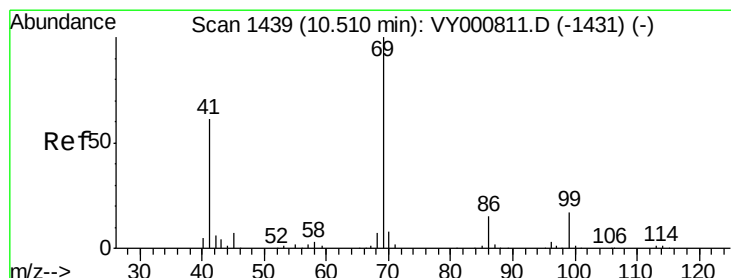
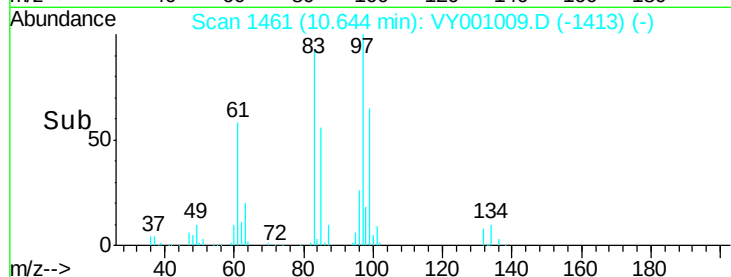
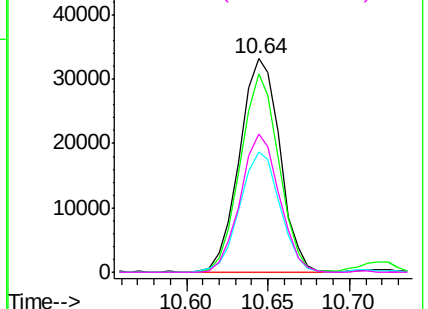
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.519 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

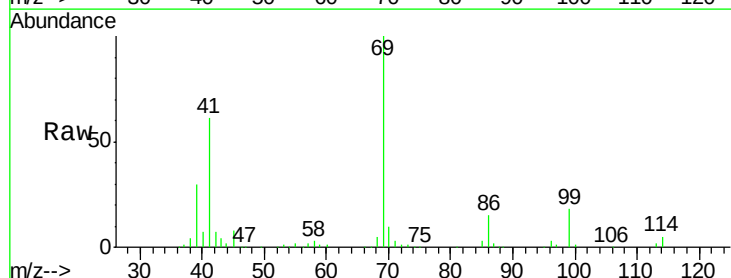
Tgt Ion: 69 Resp: 80677

Ion Ratio Lower Upper

69 100

41 57.1 49.0 73.6

39 25.6 23.1 34.7

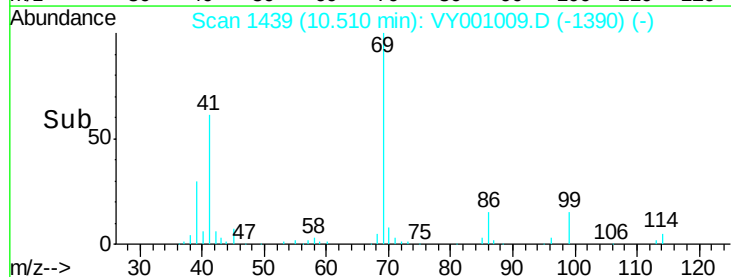
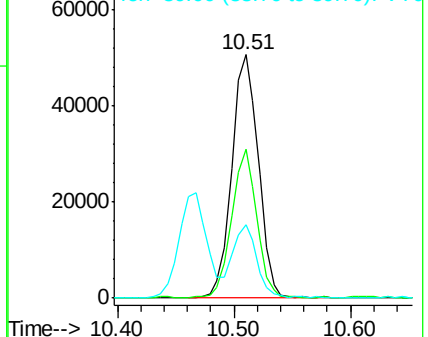


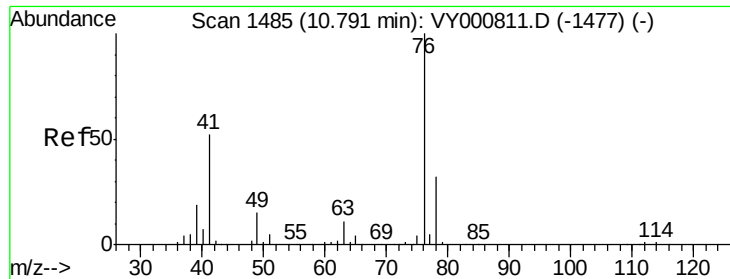
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





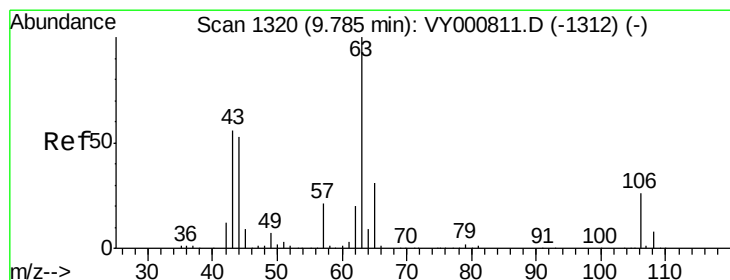
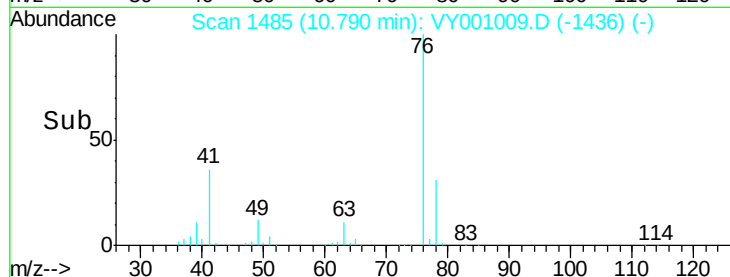
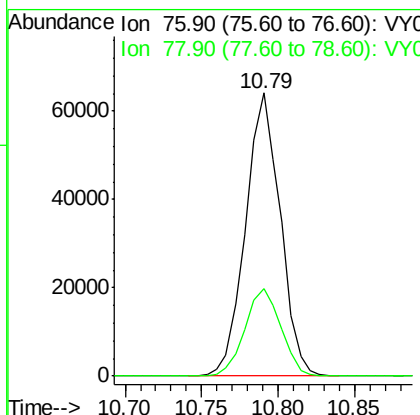
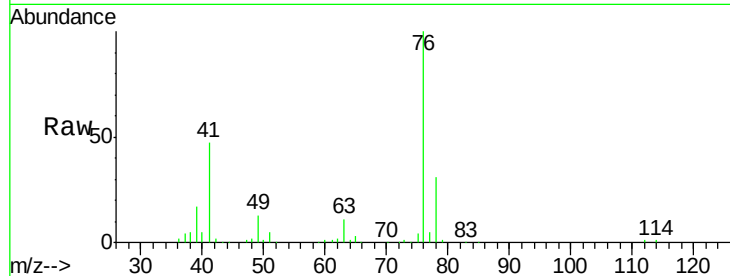
#57
 1,3-Dichloropropane
 Concen: 21.116 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.4	39.6

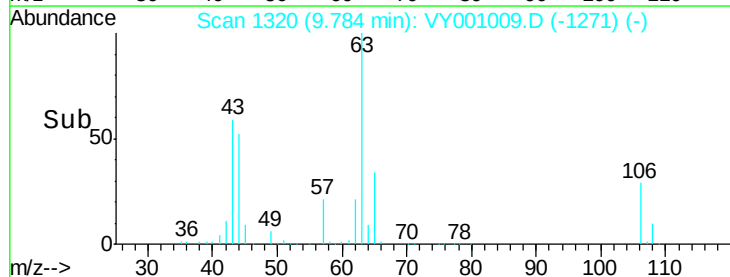
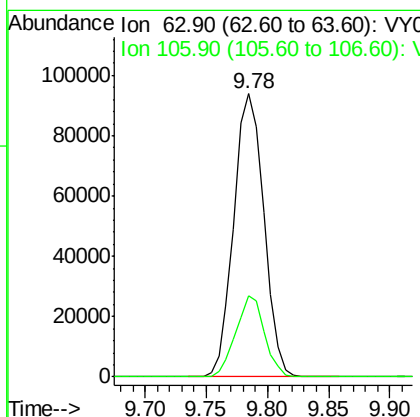
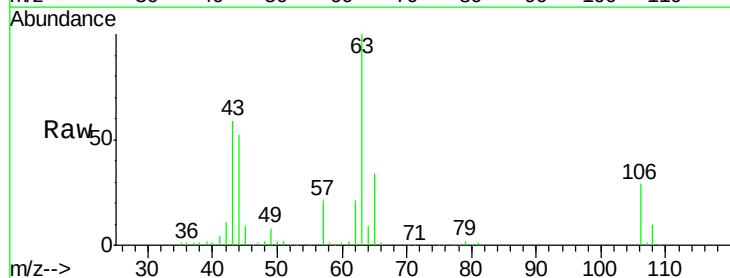
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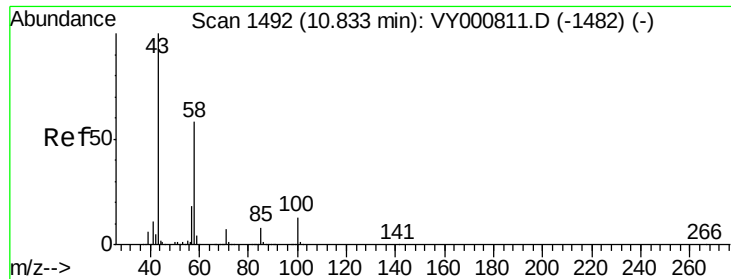
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.017 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.5	32.3





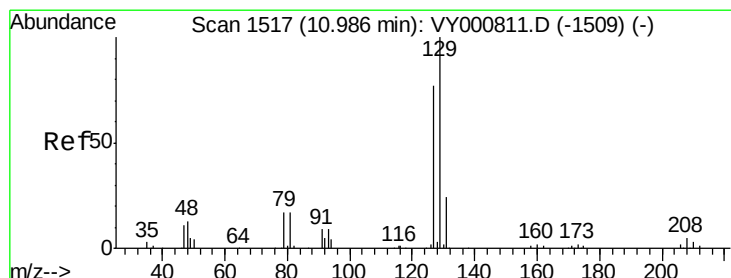
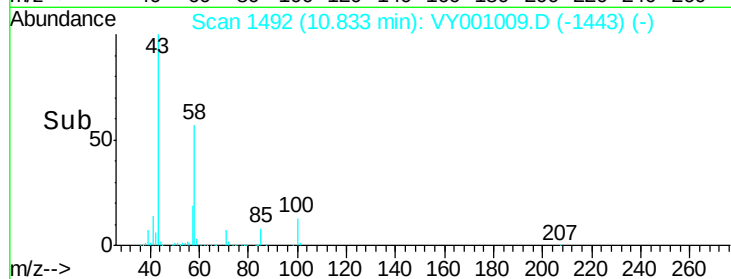
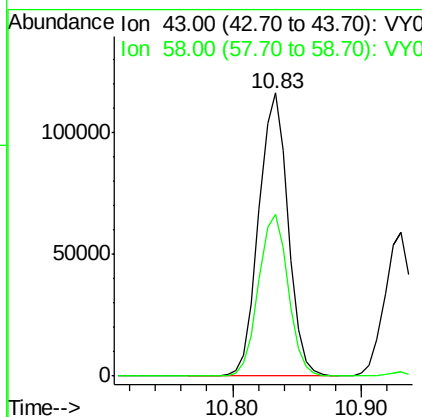
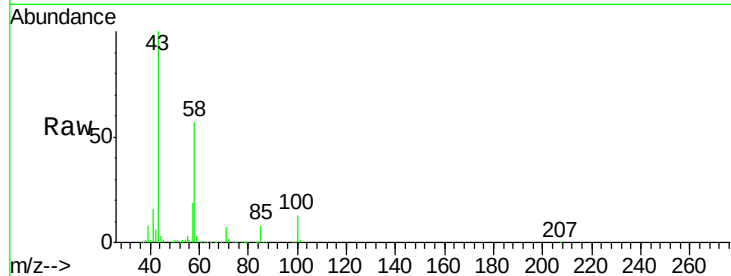
#59
2-Hexanone
Concen: 91.671 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 43 Resp: 182754
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.1

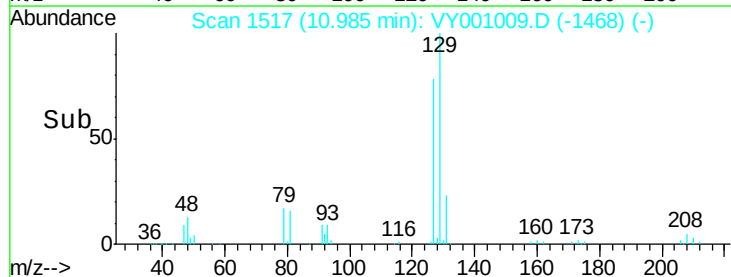
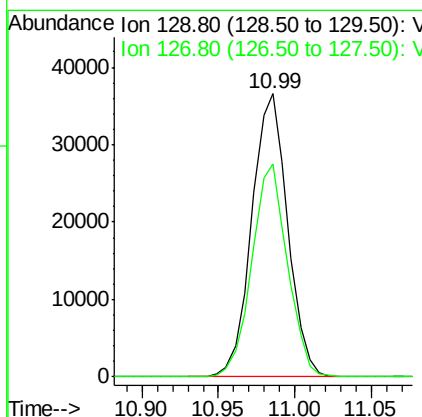
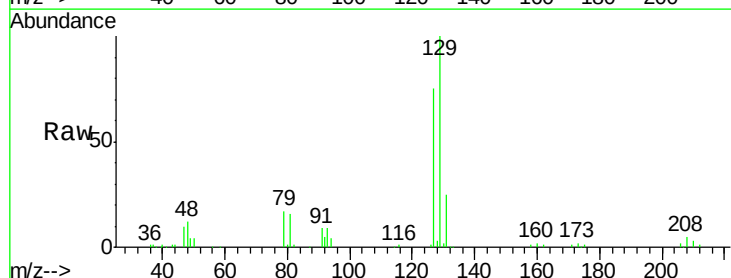
Manual Integrations
APPROVED

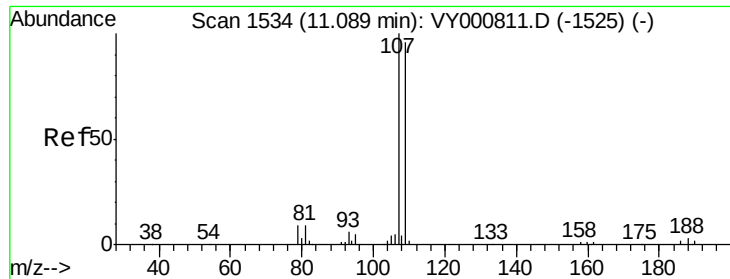
apatel
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#60
Dibromochloromethane
Concen: 20.144 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion: 129 Resp: 59600
Ion Ratio Lower Upper
129 100
127 74.6 39.1 117.2





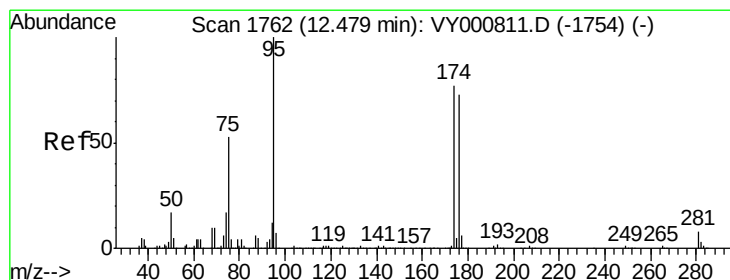
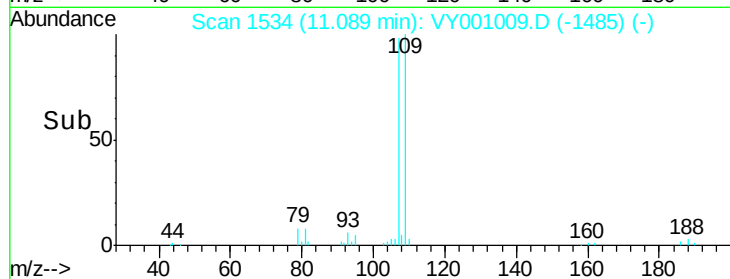
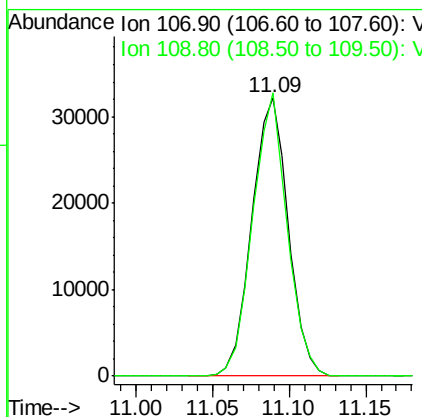
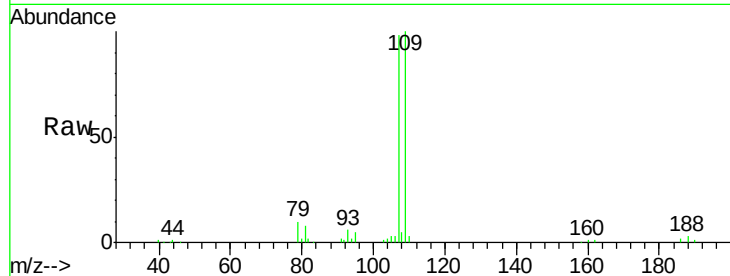
#61
 1,2-Dibromoethane
 Concen: 20.535 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.9	113.9

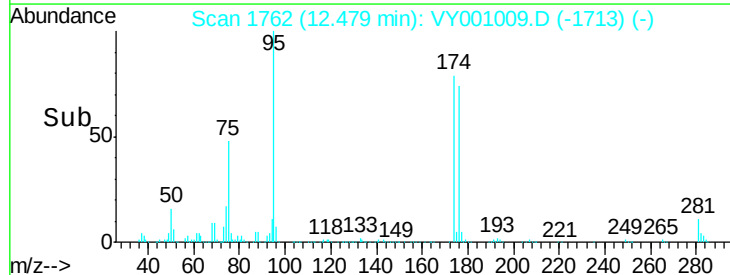
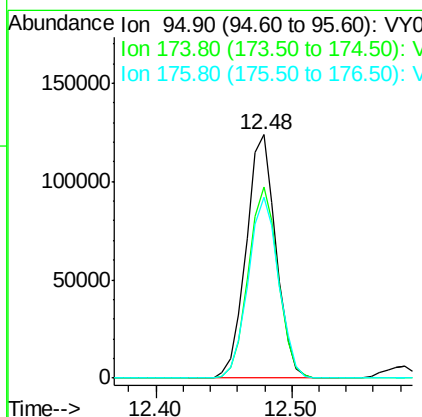
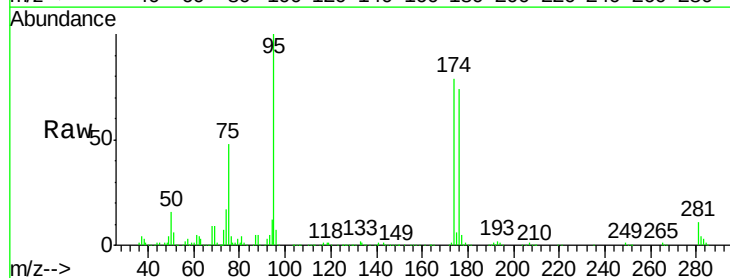
Manual Integrations
 APPROVED

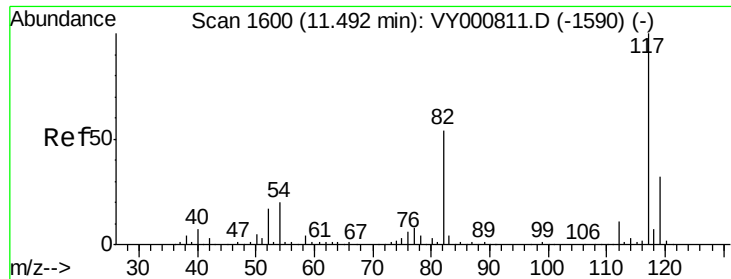
apatel
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#62
 4-Bromofluorobenzene
 Concen: 44.261 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	150.6
176	76.5	0.0	145.2





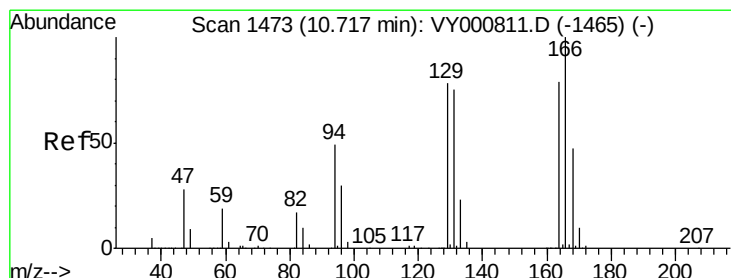
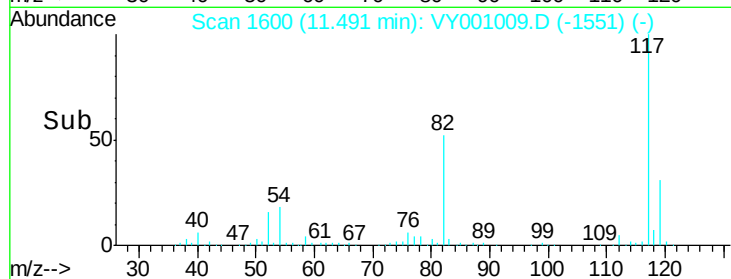
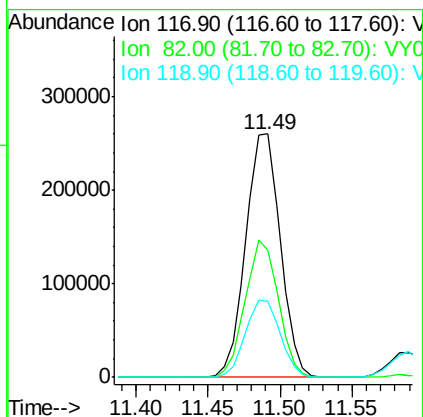
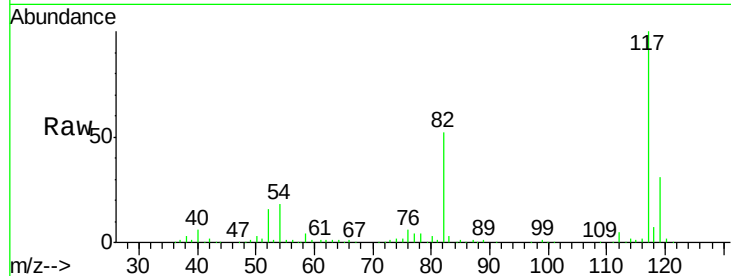
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.1	64.7
119	31.1	25.3	37.9

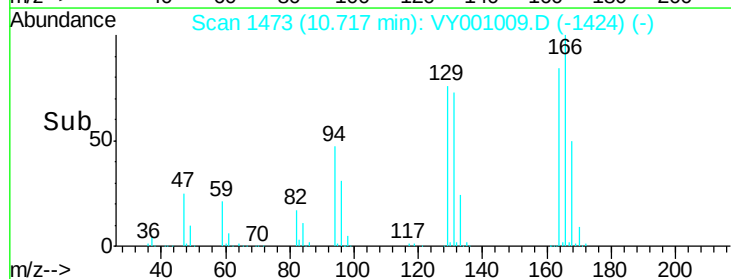
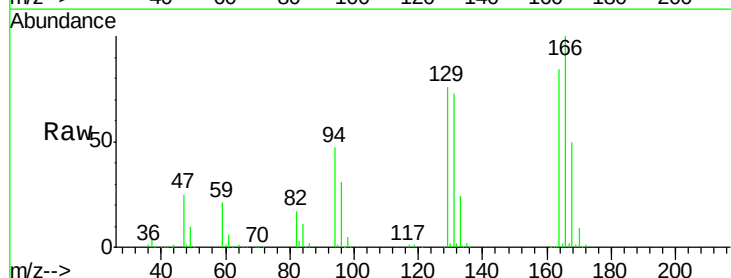
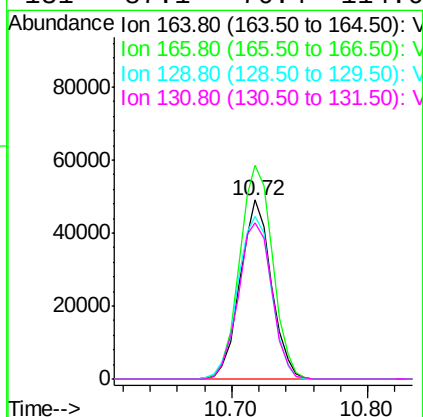
Manual Integrations
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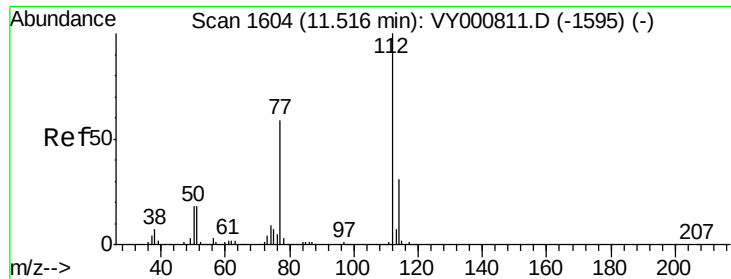
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#64
Tetrachloroethene
Concen: 20.953 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.4	101.8	152.8
129	90.5	79.3	118.9
131	87.1	76.4	114.6





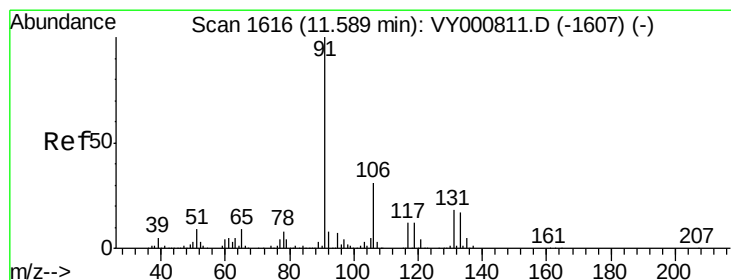
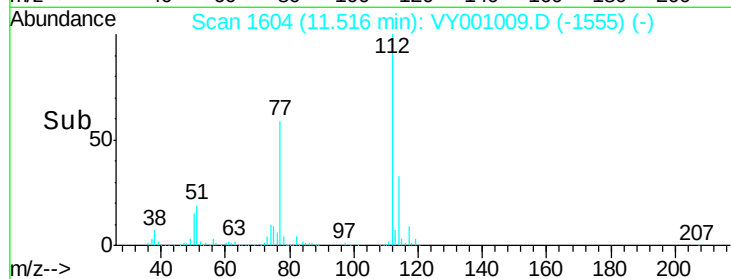
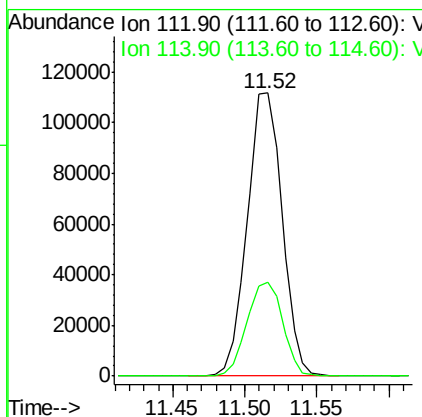
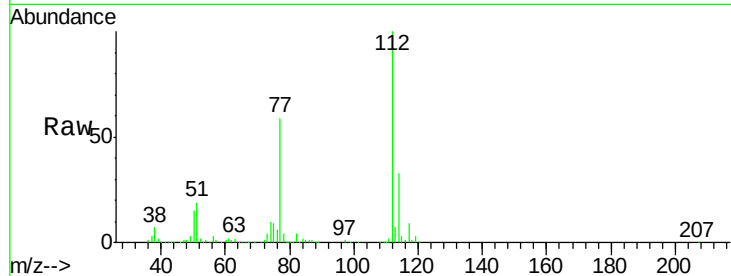
#65
Chlorobenzene
Concen: 20.827 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.1	37.7

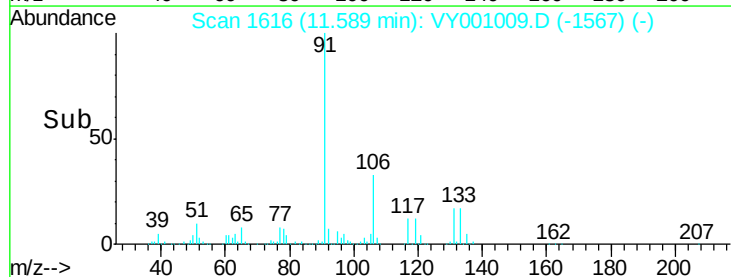
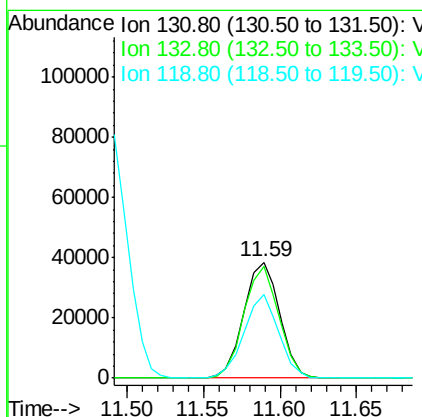
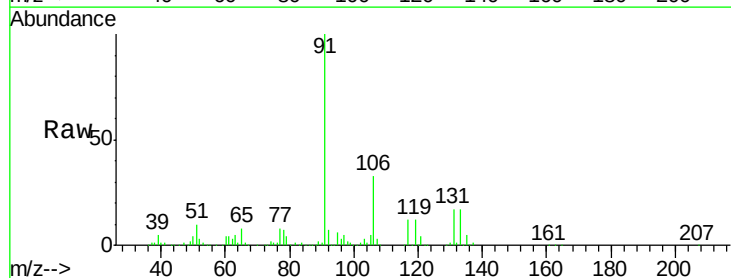
Manual Integrations
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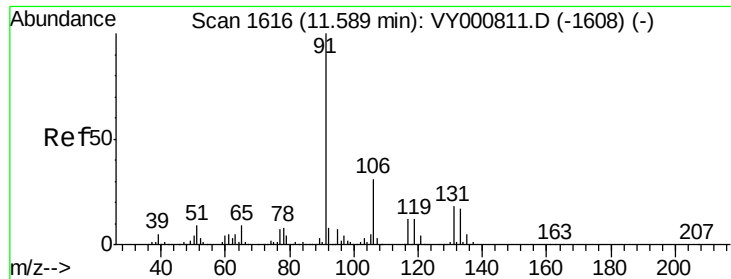
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.731 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.4	142.2
119	70.0	33.8	101.3





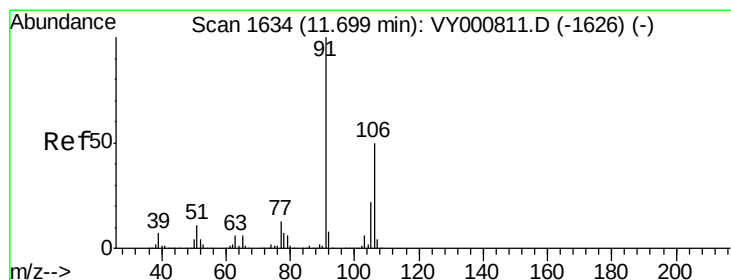
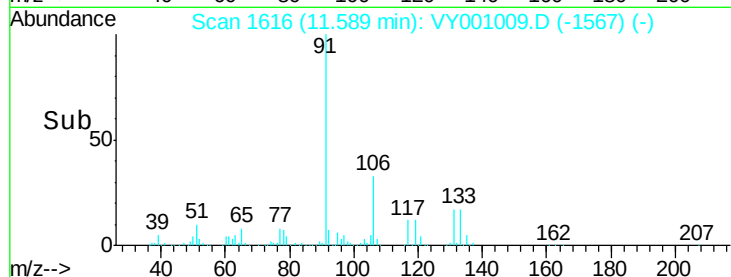
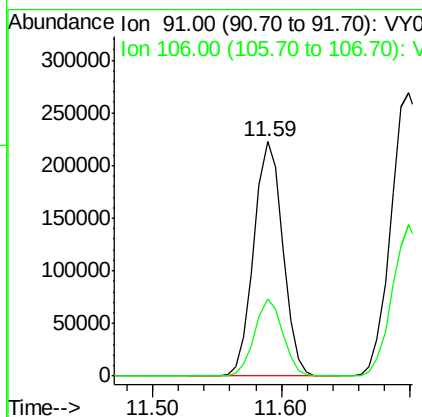
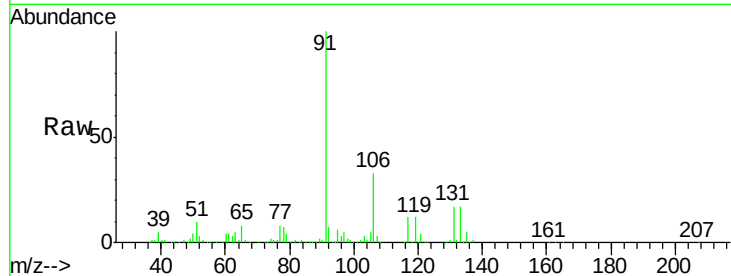
#67
Ethyl Benzene
Concen: 20.541 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 91 Resp: 343525
Ion Ratio Lower Upper
91 100
106 33.0 24.4 36.6

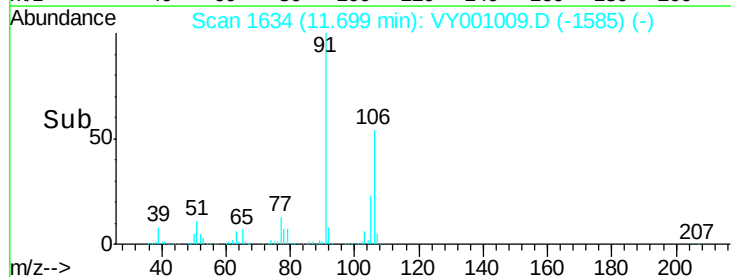
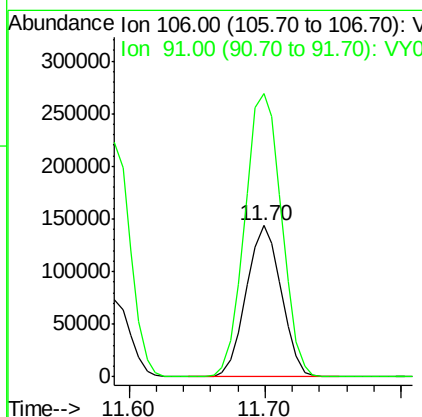
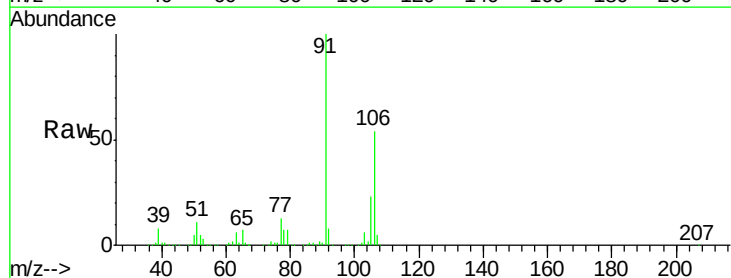
Manual Integrations
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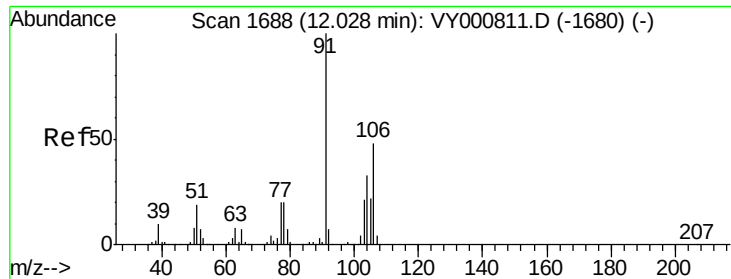
apatel
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#68
m/p-Xylenes
Concen: 41.260 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion: 106 Resp: 259001
Ion Ratio Lower Upper
106 100
91 196.4 159.6 239.4





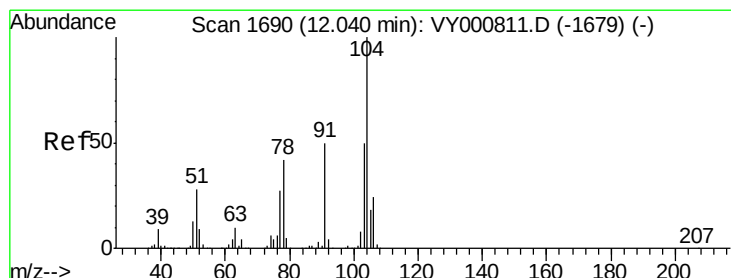
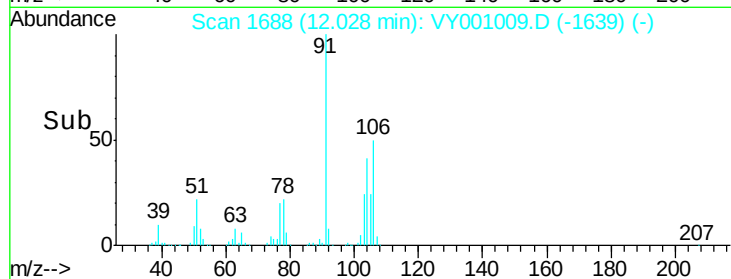
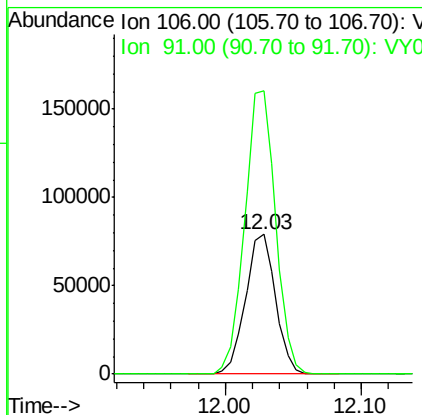
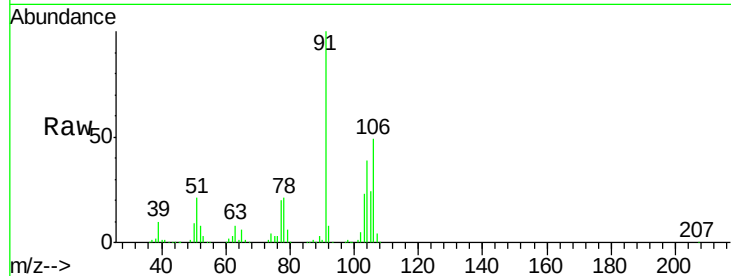
#69
o-Xylene
Concen: 20.963 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		122695		
91	207.4	106.1	318.1		

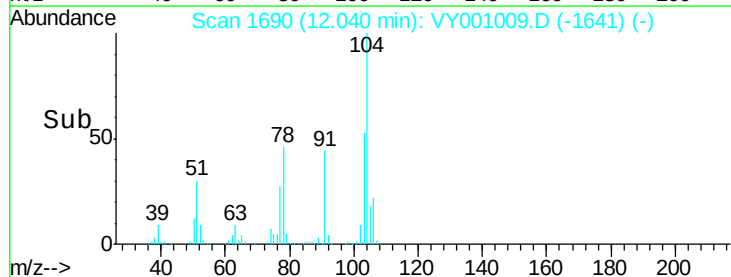
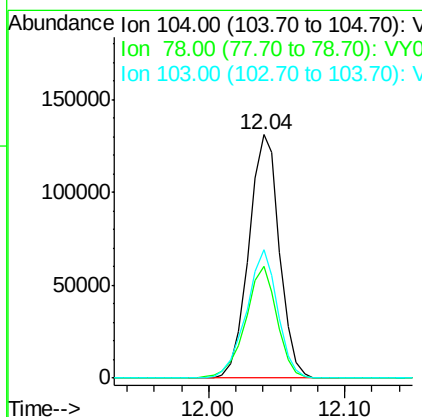
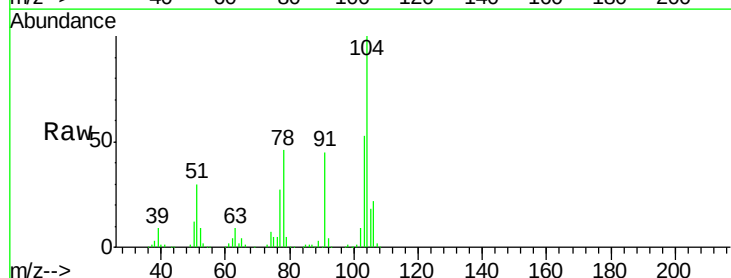
Manual Integrations
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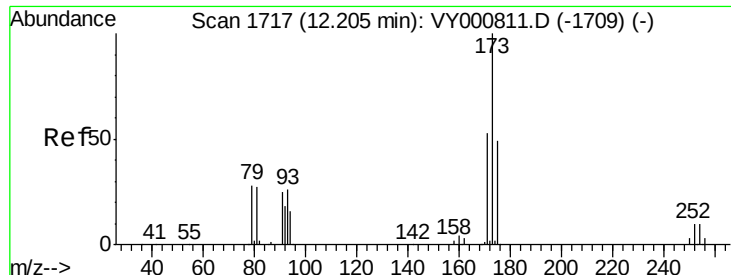
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#70
Styrene
Concen: 20.608 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		206527		
78	47.3	38.2	57.4		
103	54.1	43.4	65.0		





#71

Bromoform

Concen: 19.490 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion:173 Resp: 33266

Ion Ratio Lower Upper

173 100

175 49.2 24.5 73.5

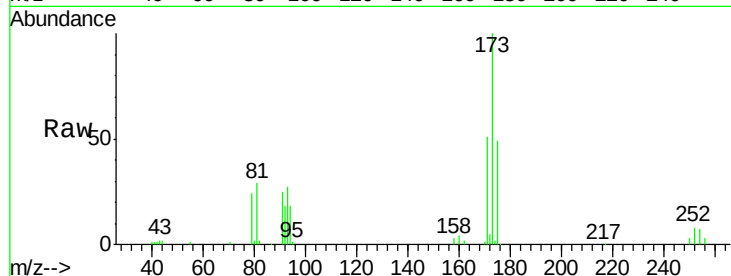
254 0.0 0.0 0.0

Manual Integrations

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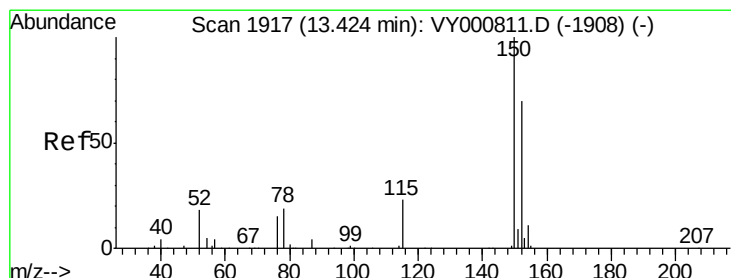
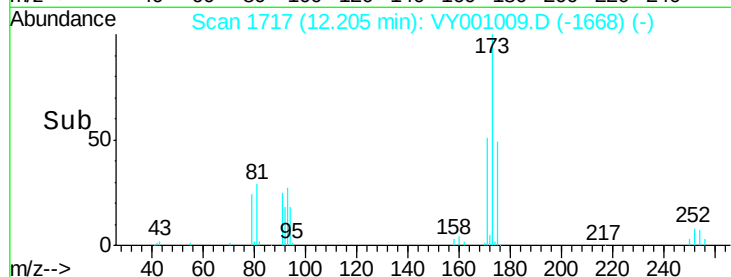
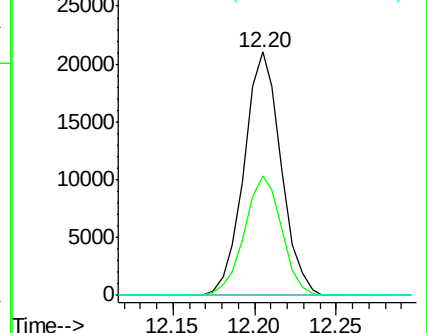
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1916

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

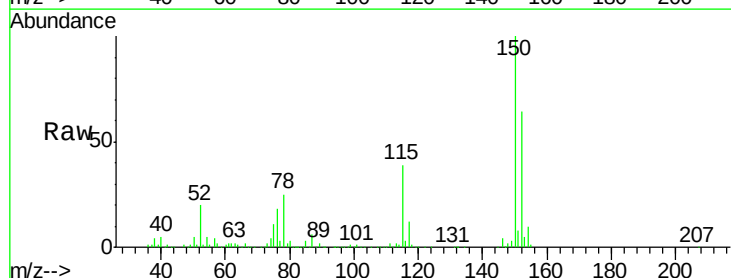
Tgt Ion:152 Resp: 202030

Ion Ratio Lower Upper

152 100

115 59.3 29.3 87.8

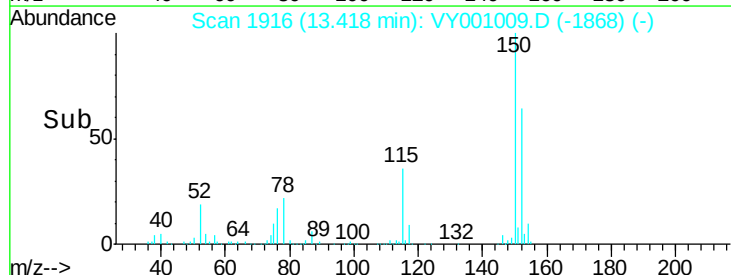
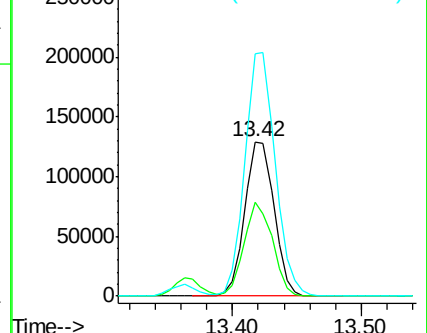
150 163.7 0.0 351.2

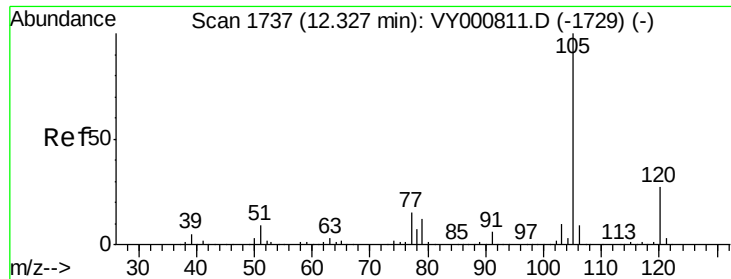


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.440 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 105 Resp: 328793

Ion Ratio Lower Upper

105 100

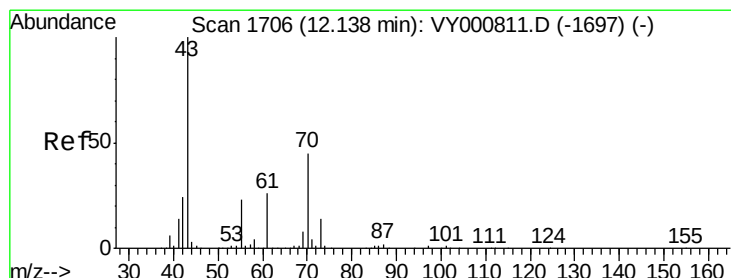
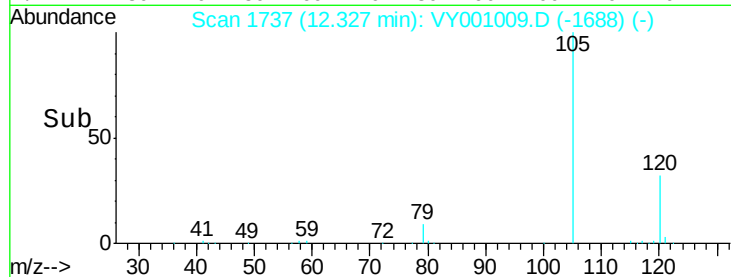
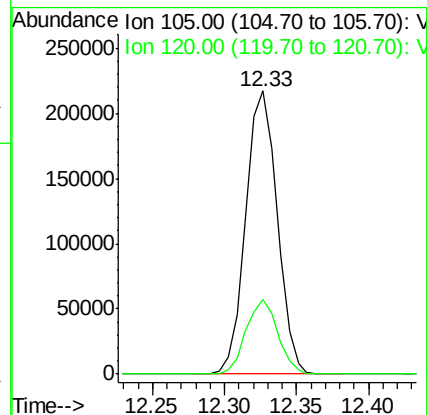
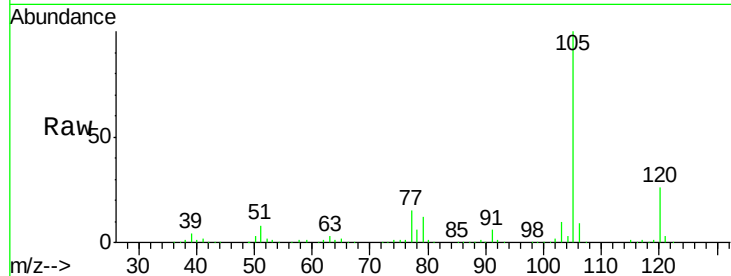
120 26.6 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.031 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion: 43 Resp: 85208

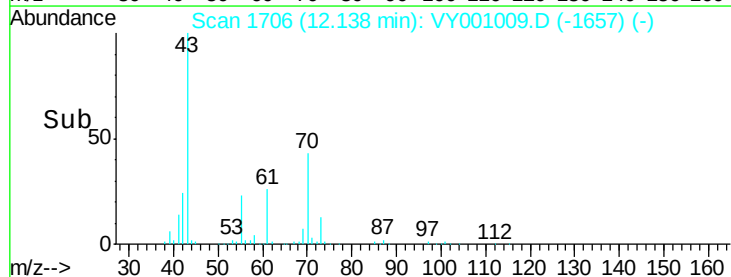
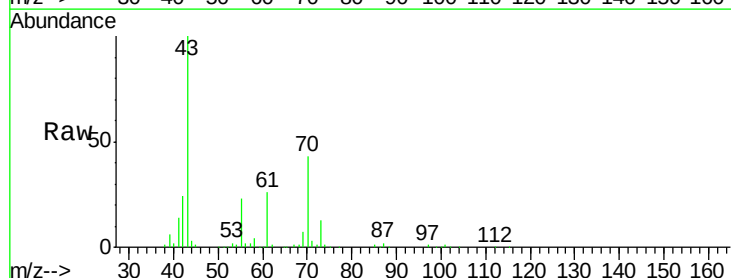
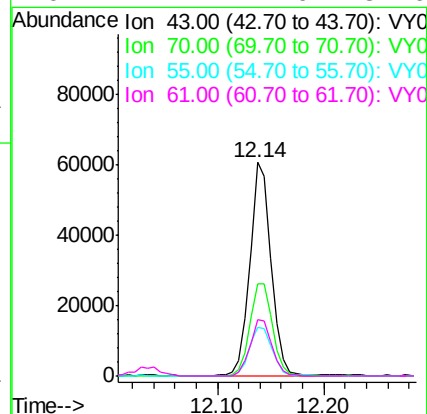
Ion Ratio Lower Upper

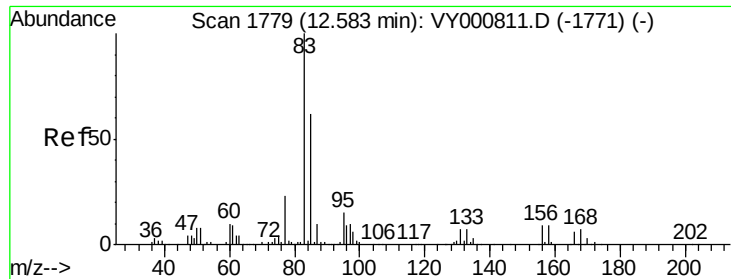
43 100

70 46.2 36.6 54.8

55 24.6 18.8 28.2

61 27.4 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.986 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

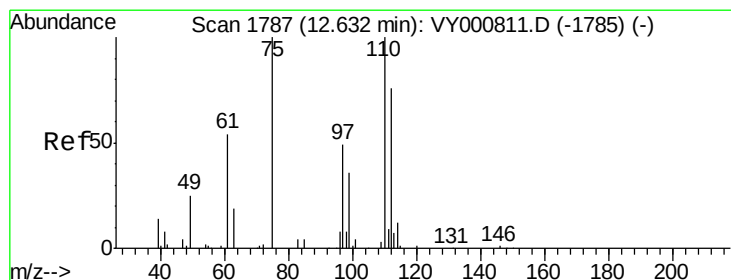
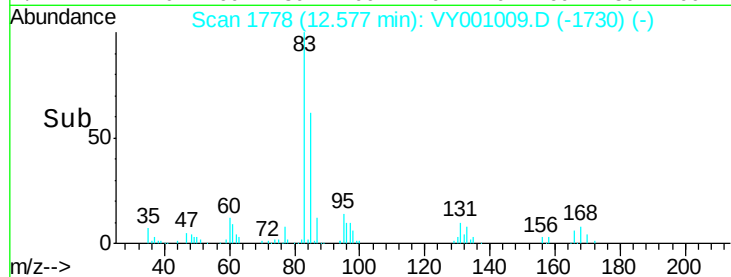
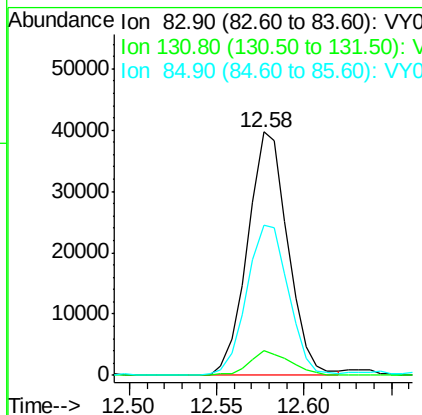
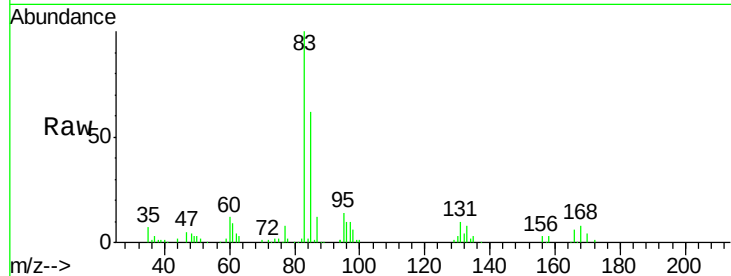
ClientSampleId :

VY1219SBS01

Tot Ion:	83	Resp:	63346
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.3	13.1
85	64.3	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.868 ug/l m

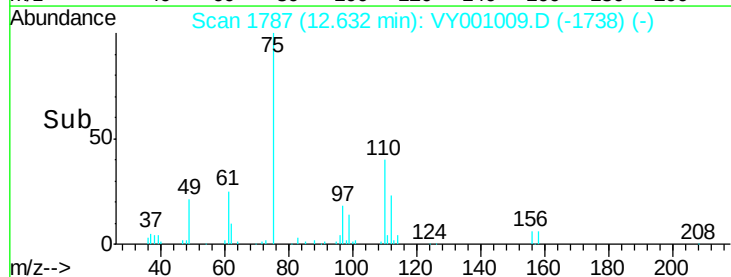
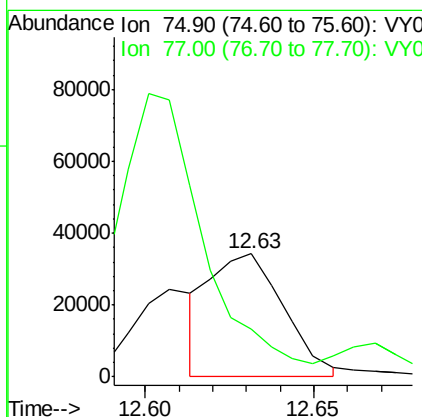
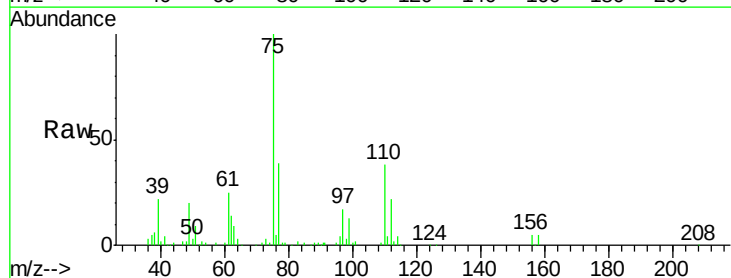
RT: 12.63 min Scan# 1787

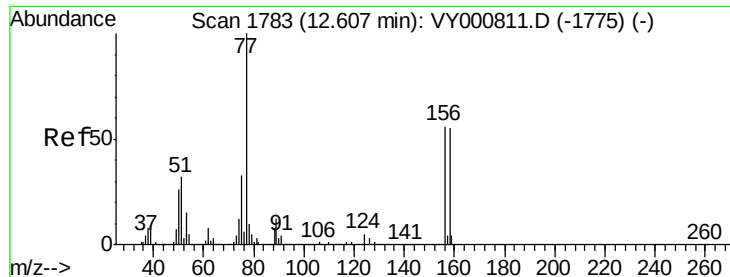
Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion:	75	Resp:	52345
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





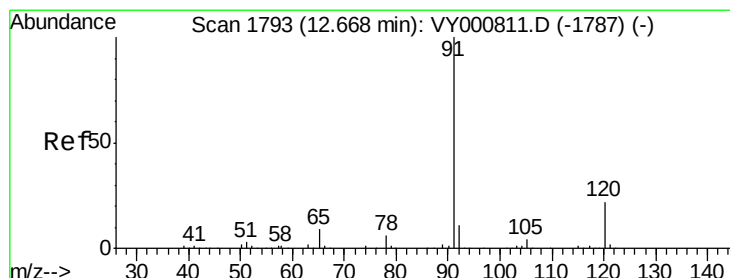
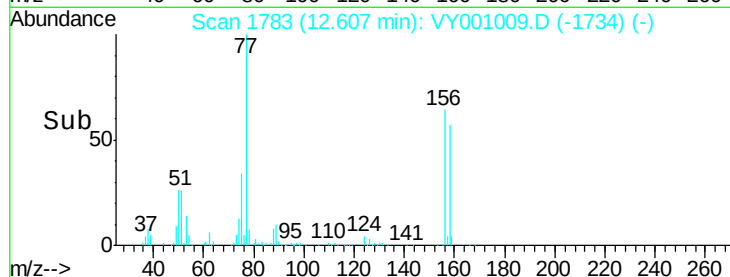
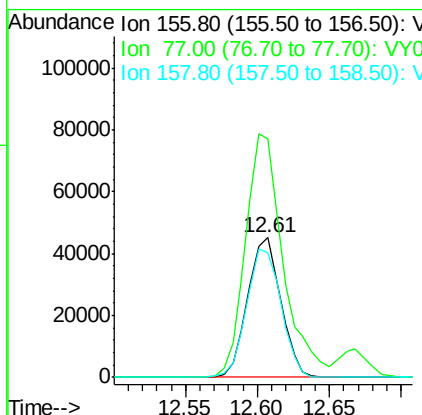
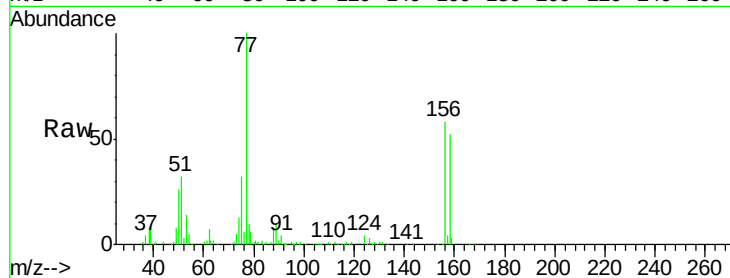
#77
Bromobenzene
Concen: 20.549 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.0	102.6	307.7
158	95.7	47.6	142.8

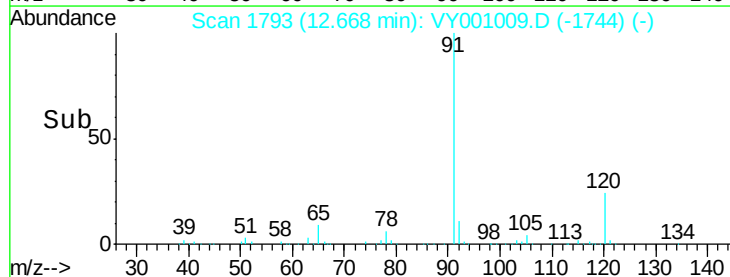
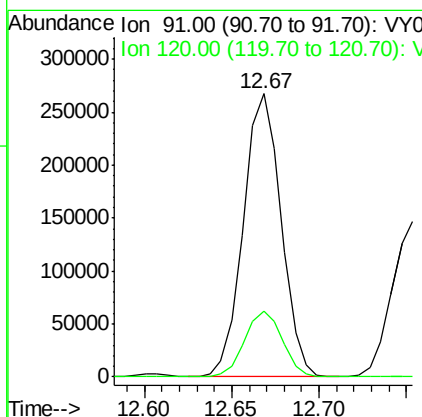
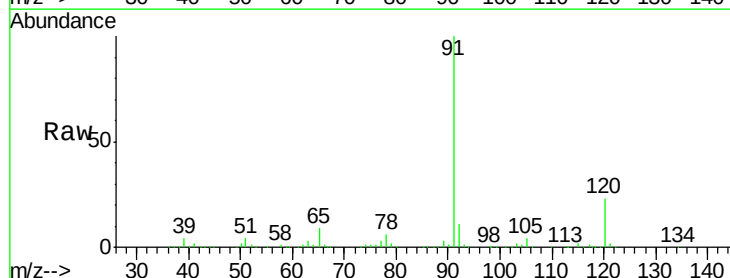
Manual Integrations
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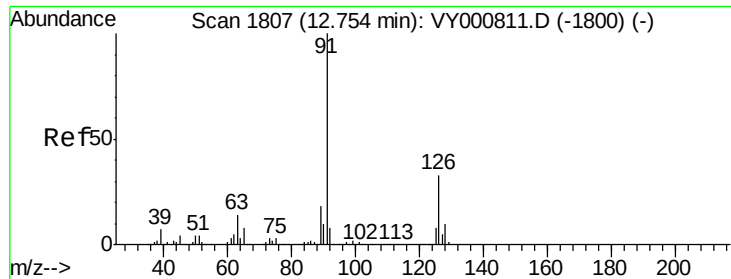
apatel
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#78
n-propylbenzene
Concen: 20.408 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 20.253 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 91 Resp: 219764

Ion Ratio Lower Upper

91 100

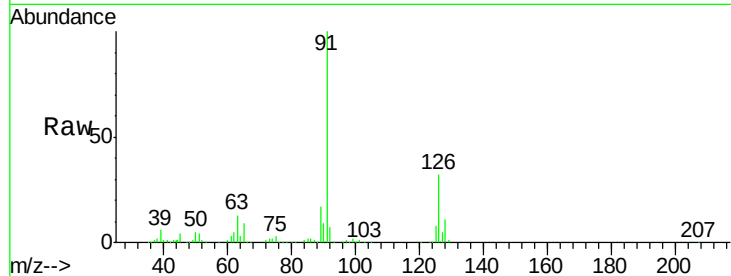
126 33.9 17.0 51.0

Manual Integrations

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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) (-)

250000

200000

150000

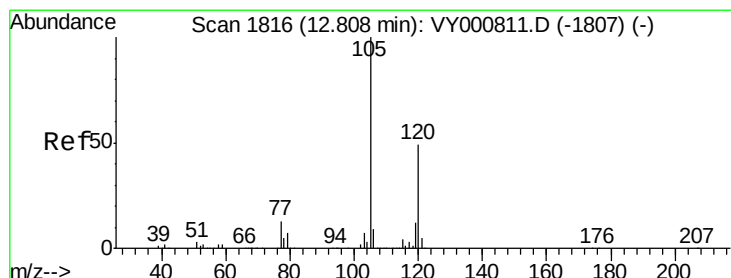
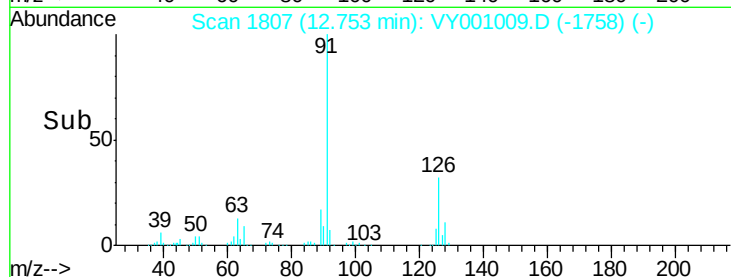
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.532 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001009.D

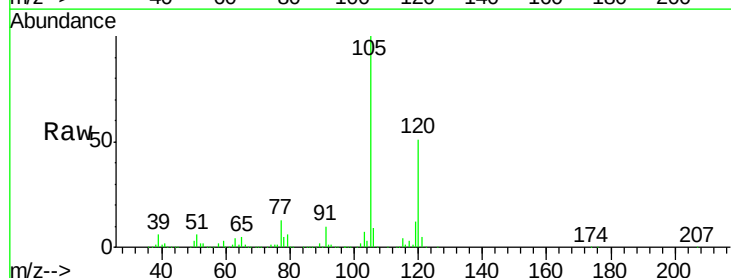
Acq: 19 Dec 2019 12:52

Tgt Ion:105 Resp: 273458

Ion Ratio Lower Upper

105 100

120 50.0 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) (-)

200000

150000

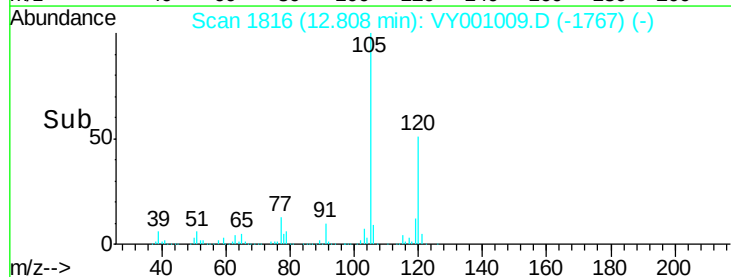
100000

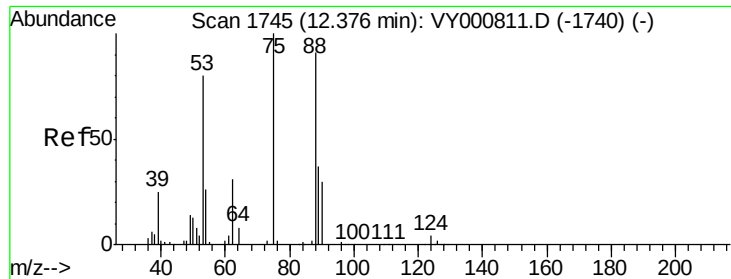
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.900 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

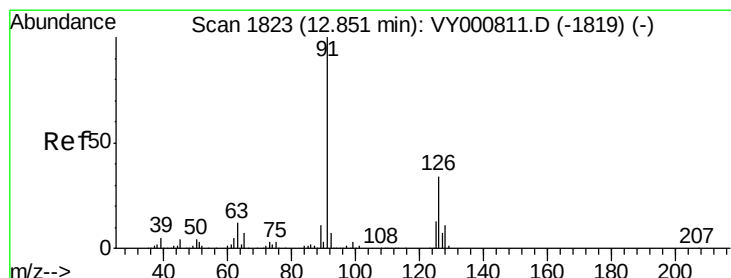
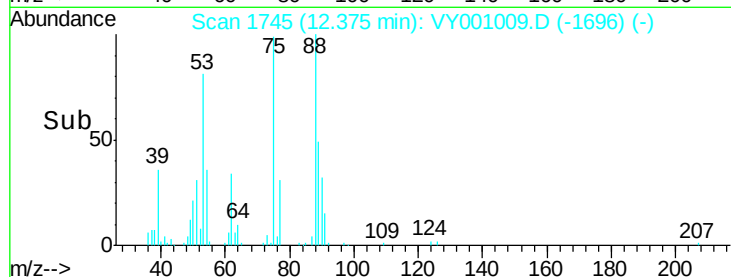
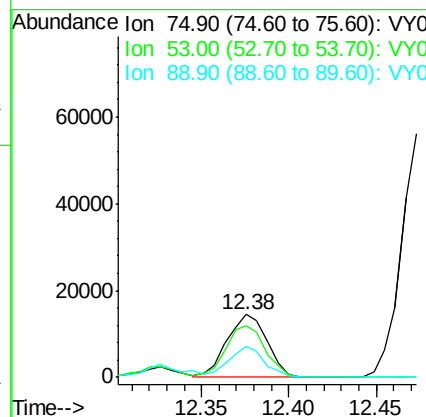
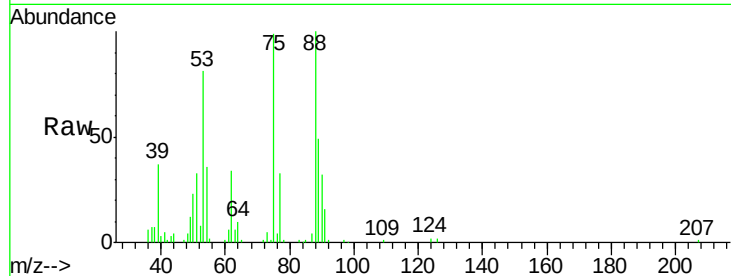
ClientSampleId :

VY1219SBS01

Tot Ion:	75	Resp:	23190
Ion Ratio	Lower	Upper	
75	100		
53	81.0	64.6	96.8
89	43.5	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.212 ug/l

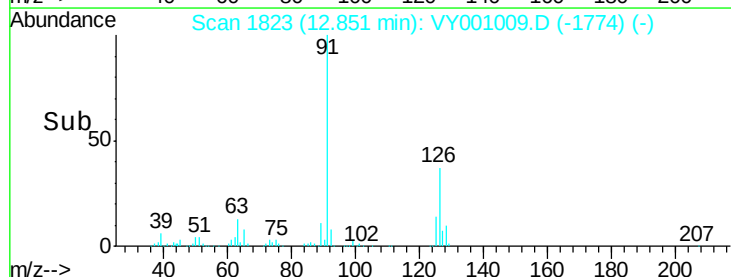
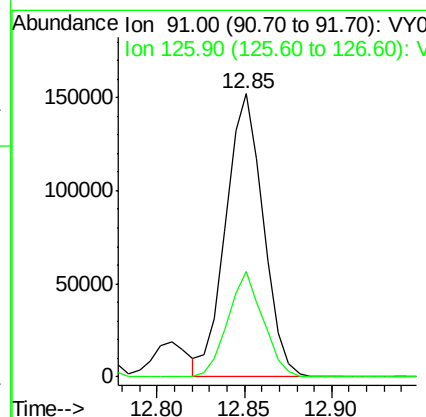
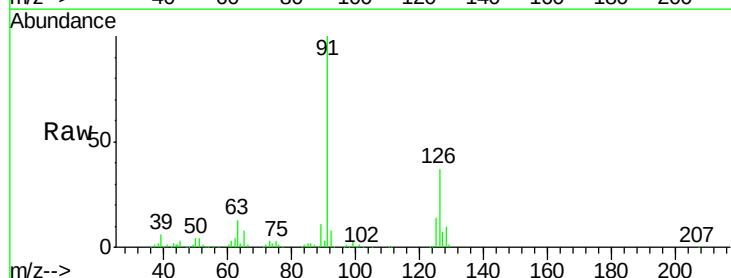
RT: 12.85 min Scan# 1823

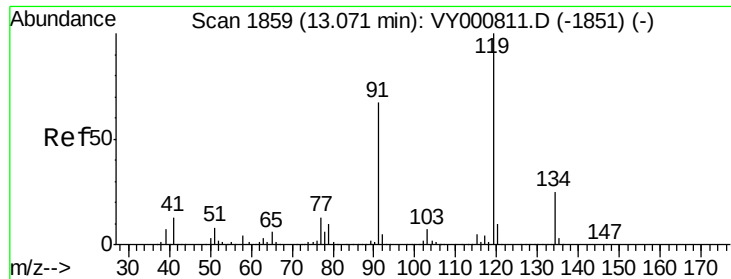
Delta R.T. -0.00 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Tgt Ion:	91	Resp:	225960
Ion Ratio	Lower	Upper	
91	100		
126	35.2	17.3	51.9





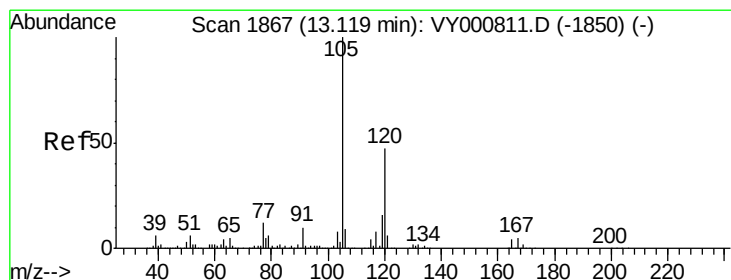
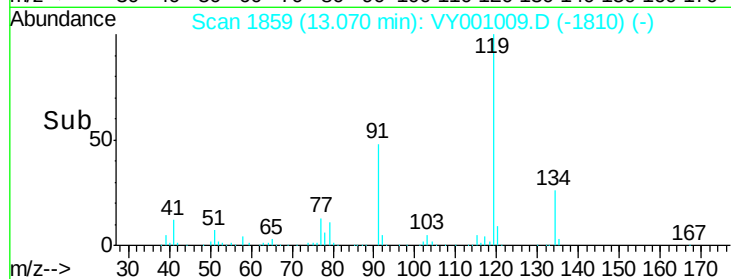
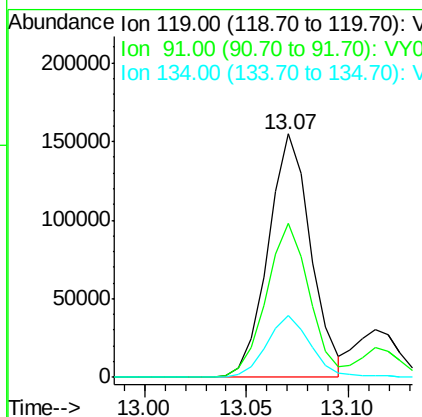
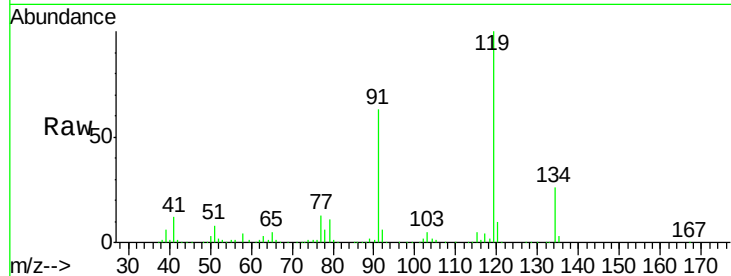
#83
 tert-Butylbenzene
 Concen: 20.115 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.3	96.8
134	26.6	12.9	38.7

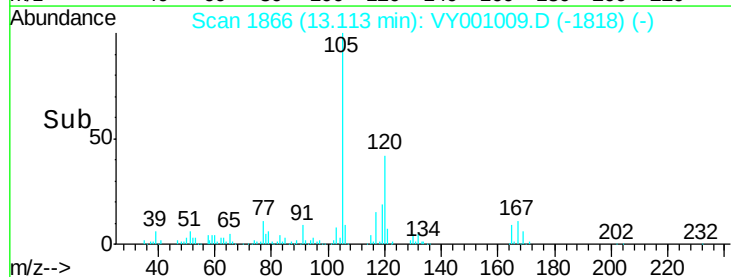
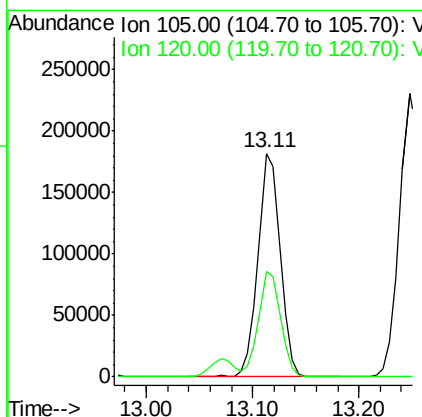
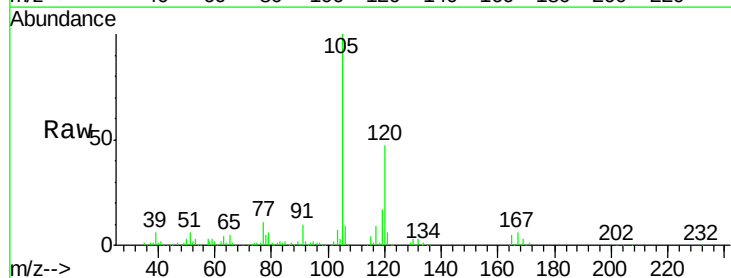
Manual Integrations
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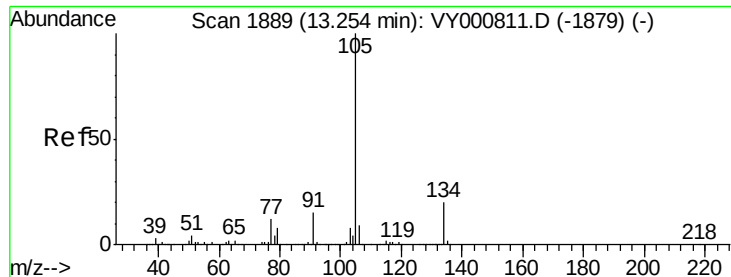
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.186 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.589 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion:105 Resp: 335302

Ion Ratio Lower Upper

105 100

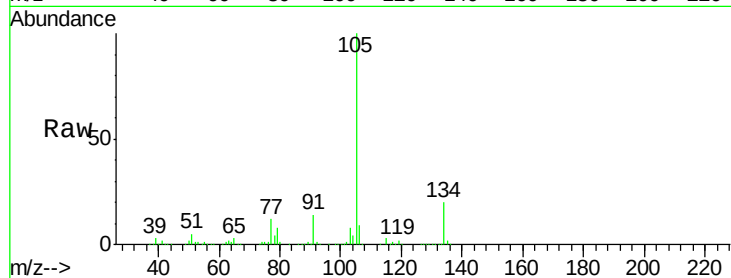
134 19.9 10.1 30.1

Manual Integrations

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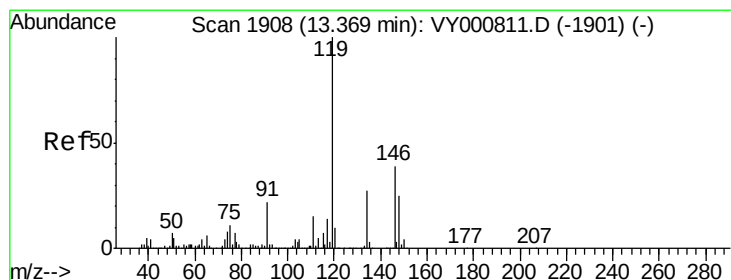
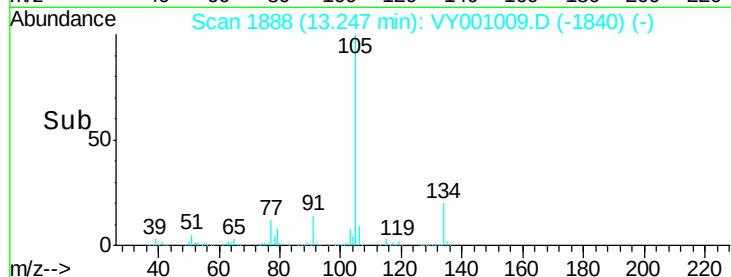
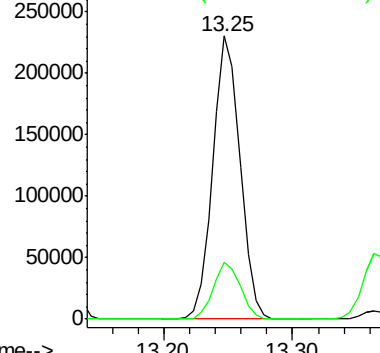
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.336 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY001009.D

Acq: 19 Dec 2019 12:52

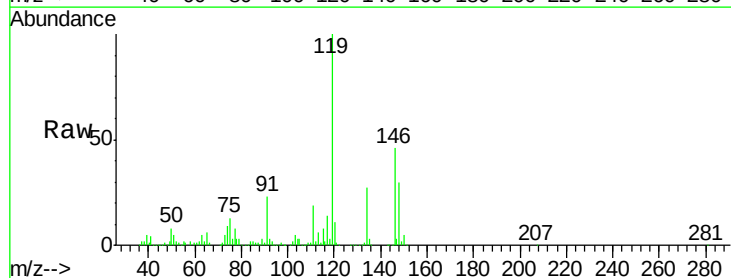
Tgt Ion:119 Resp: 288061

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

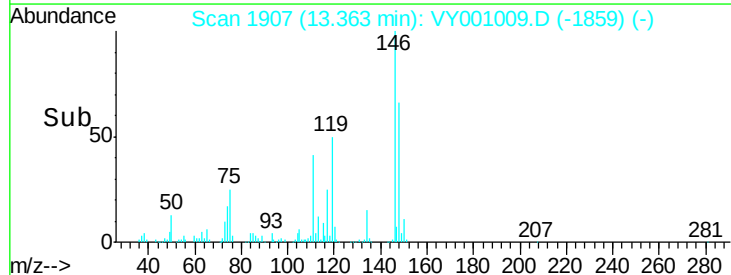
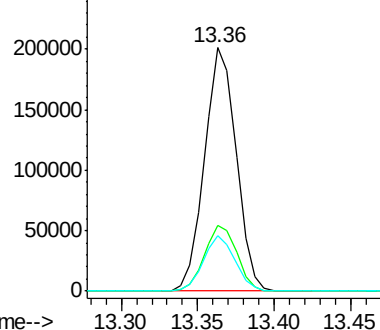
91 22.7 11.5 34.5

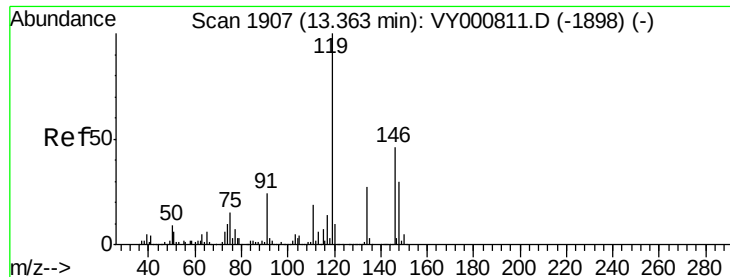


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





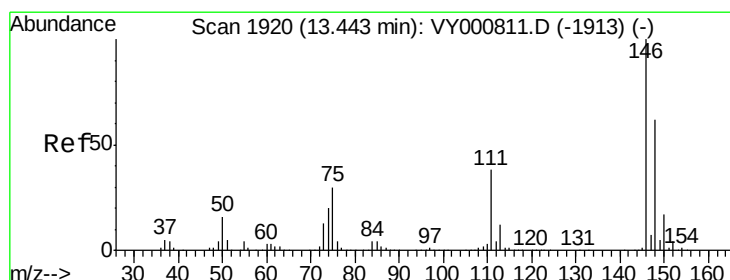
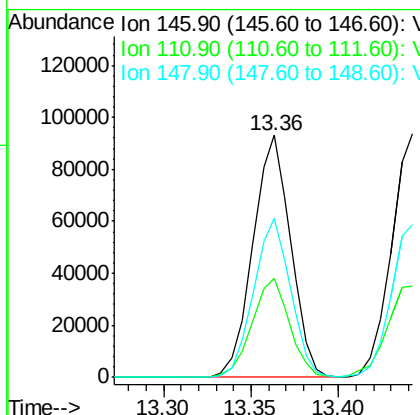
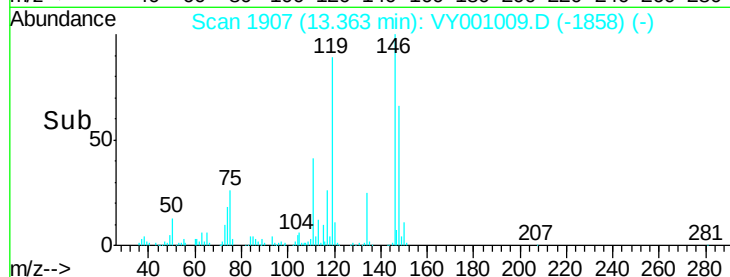
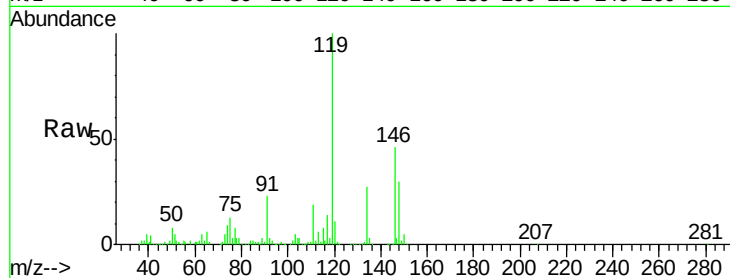
#87
 1,3-Dichlorobenzene
 Concen: 20.331 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.0	60.0
148	64.4	32.1	96.5

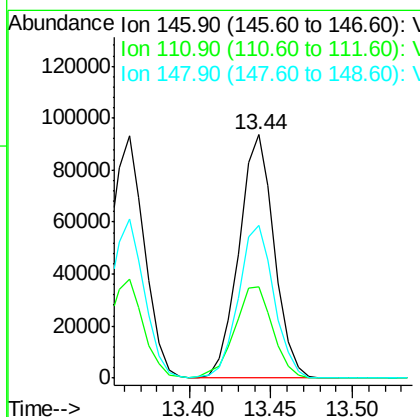
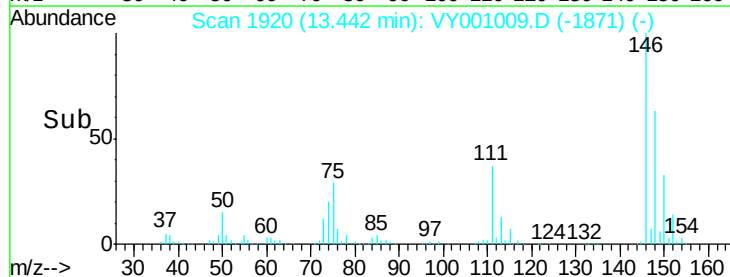
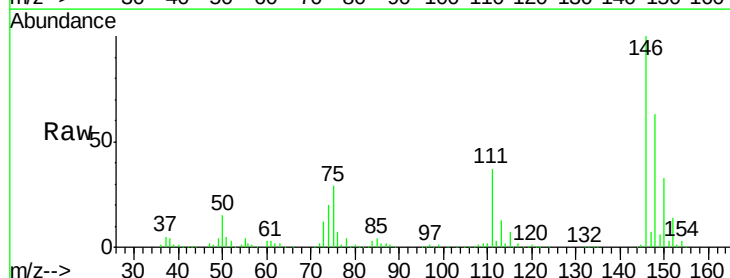
Manual Integrations
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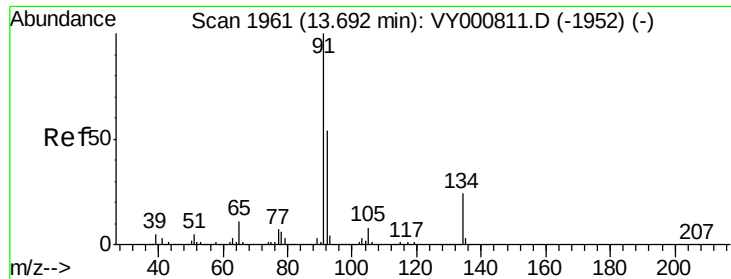
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#88
 1,4-Dichlorobenzene
 Concen: 20.762 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	59.9
148	63.3	31.7	95.1





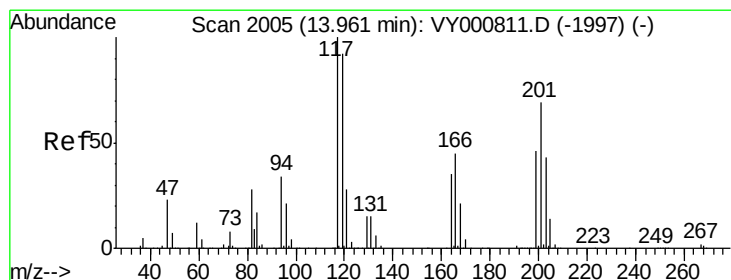
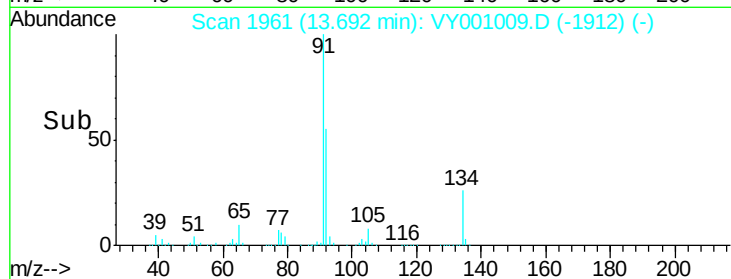
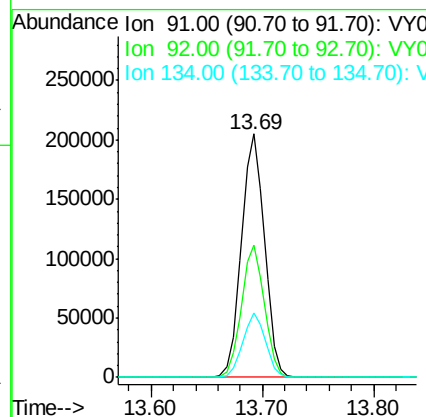
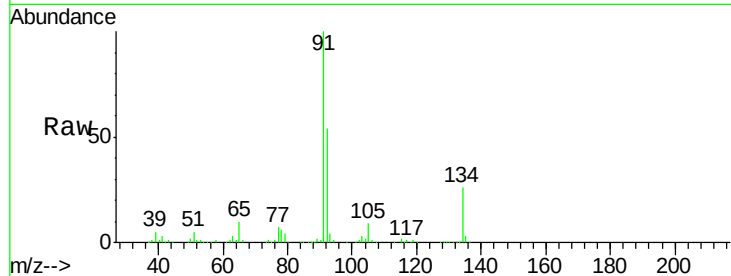
#89
n-Butylbenzene
Concen: 20.456 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.9	26.9	80.7	
134	25.9	12.6	37.6	

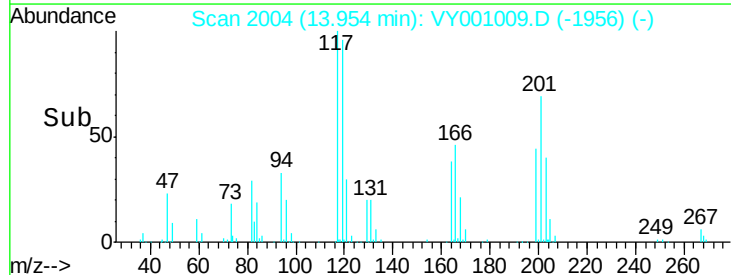
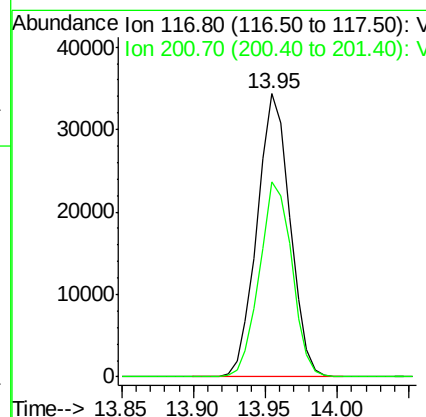
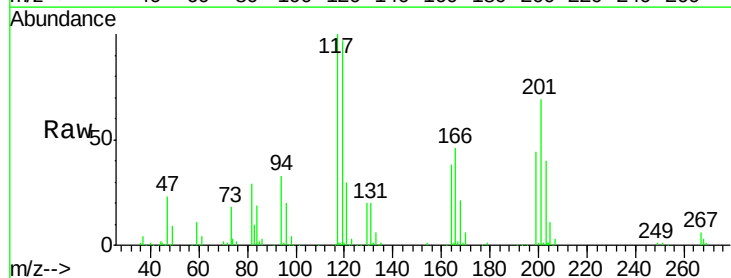
Manual Integrations
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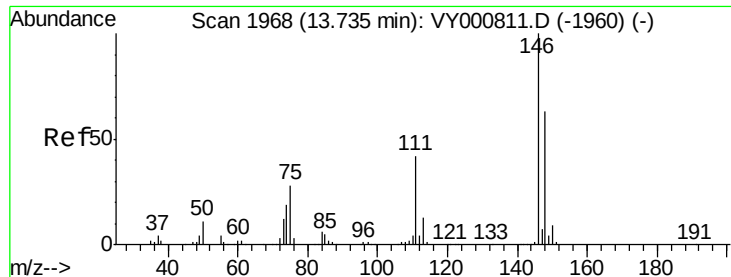
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#90
Hexachloroethane
Concen: 20.774 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.8	34.0	102.0	





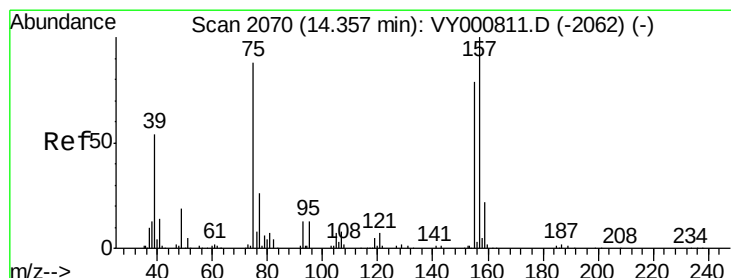
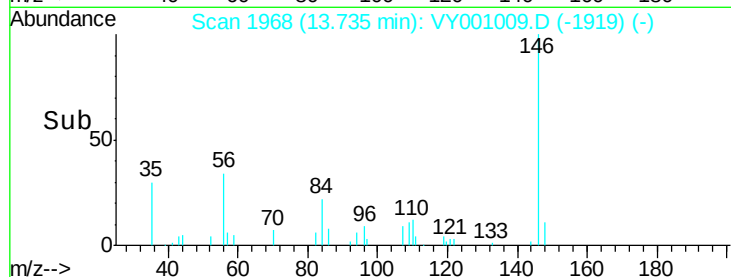
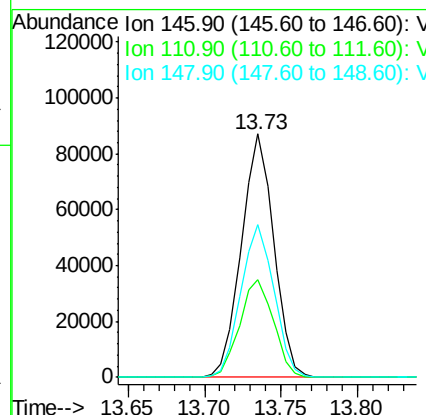
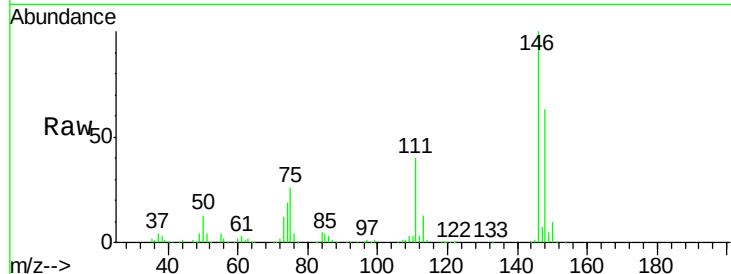
#91
 1,2-Dichlorobenzene
 Concen: 20.837 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	64.2	32.1	96.3

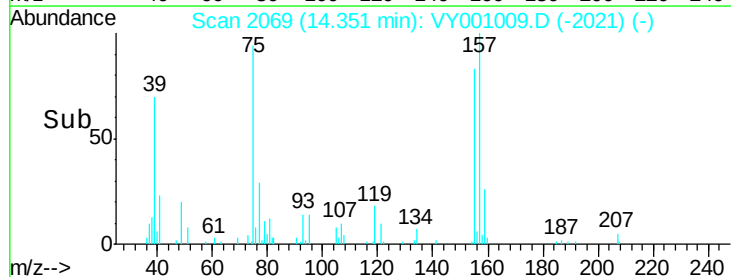
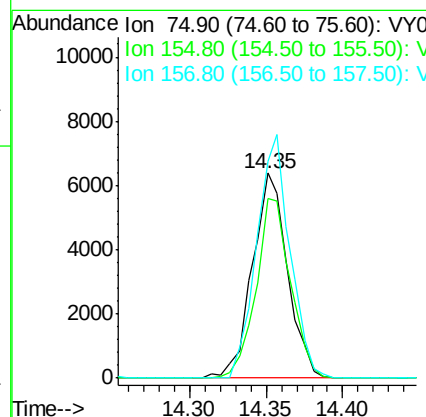
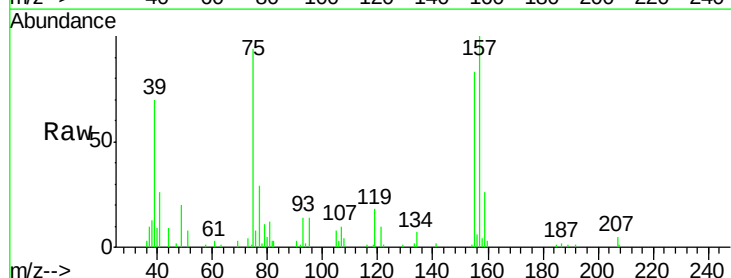
Manual Integrations
 APPROVED

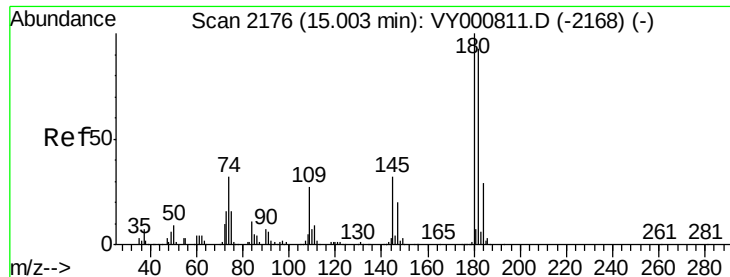
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.124 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	44.3	132.9
157	113.1	56.3	168.9





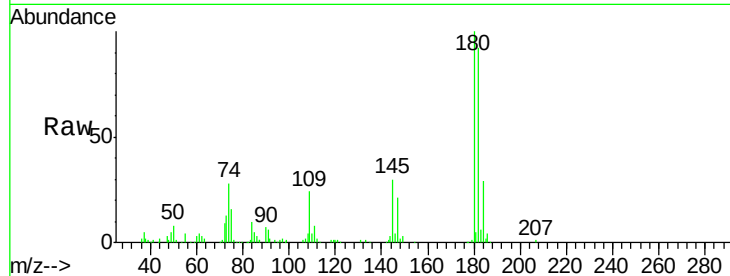
#93
 1,2,4-Trichlorobenzene
 Concen: 20.818 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

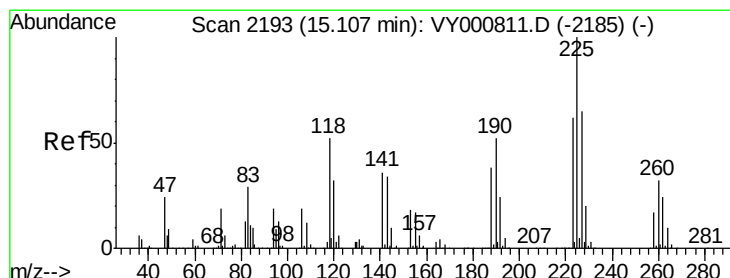
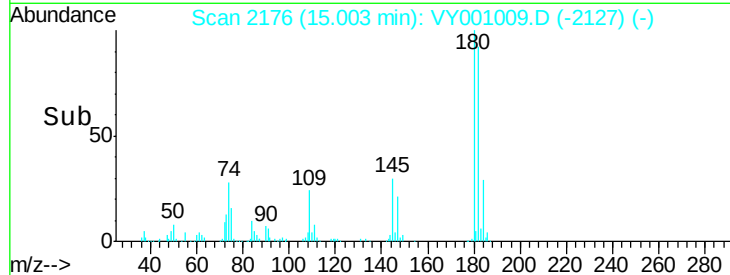
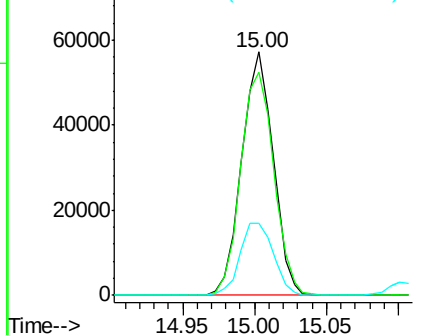
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	141.9
145	31.7	16.0	47.9

Manual Integrations
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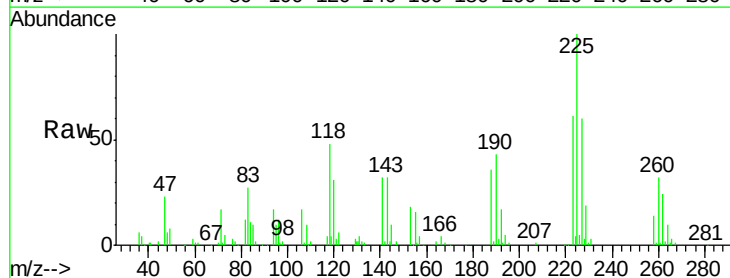


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

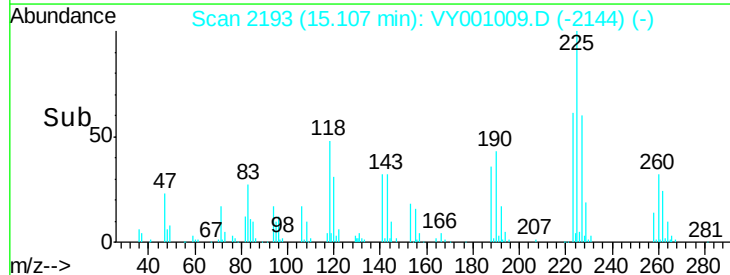
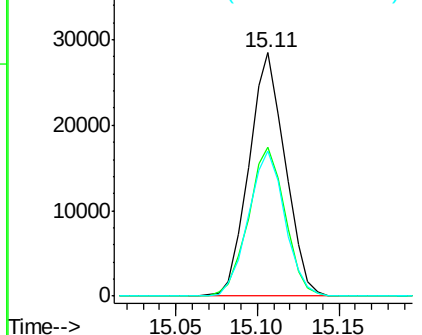


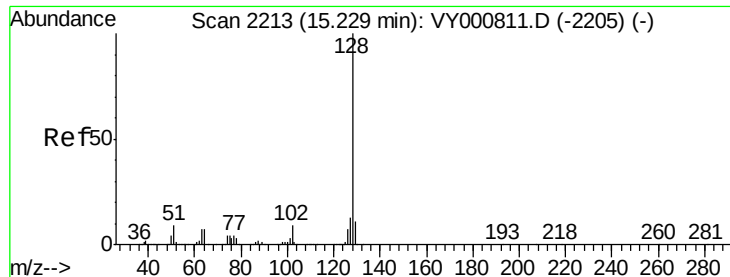
#94
 Hexachlorobutadiene
 Concen: 21.357 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY001009.D
 Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.3
227	59.8	31.8	95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





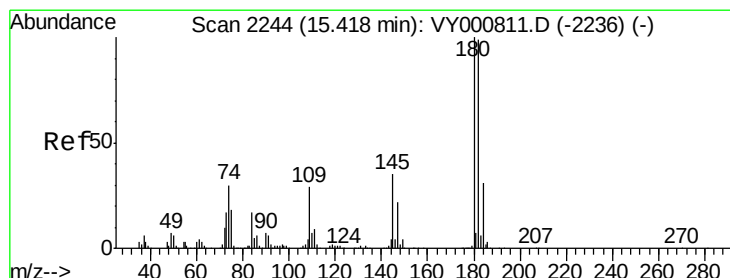
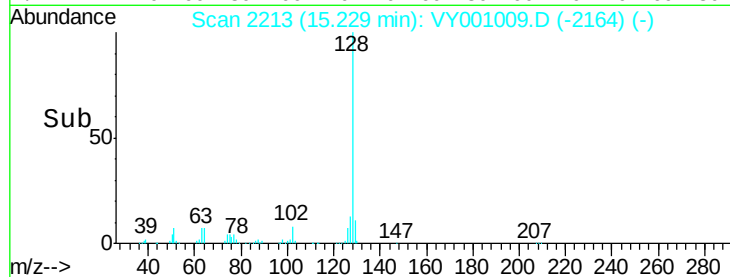
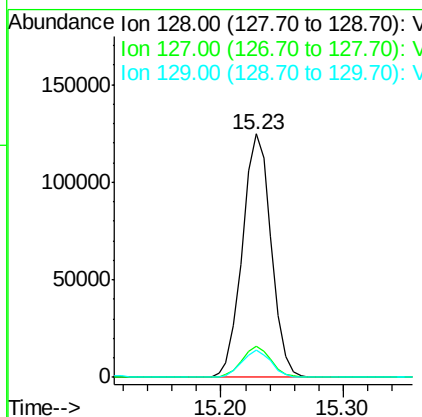
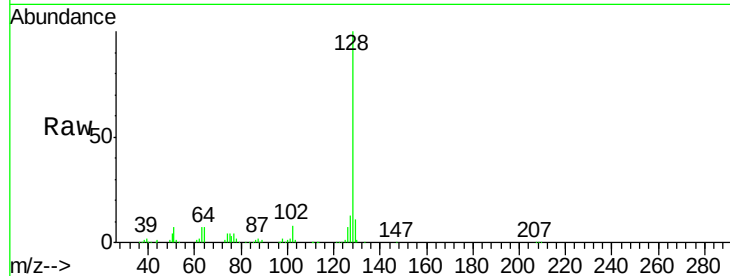
#95
Naphthalene
Concen: 21.008 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	203095		
127	12.8		10.1	15.1
129	11.4		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.051 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001009.D
Acq: 19 Dec 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78287		
182	95.6		48.0	144.0
145	31.8		16.9	50.6

