

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000854.D
 Acq On : 04 Dec 2019 11:44
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Manual Integrations
 APPROVED

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 12/5/2019 2:58:31 PM

Quant Time: Dec 05 08:05:56 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	301226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	523128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	471746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156269	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.72	113	145850	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	10.18	98	620559	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.48	95	212790	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	62616	19.310	ug/l	97
3) Chloromethane	2.11	50	82589	20.662	ug/l	99
4) Vinyl Chloride	2.25	62	79334	20.139	ug/l	94
5) Bromomethane	2.64	94	49960	19.502	ug/l	98
6) Chloroethane	2.79	64	49926	20.671	ug/l	95
7) Trichlorofluoromethane	3.12	101	110395	20.449	ug/l	93
8) Diethyl Ether	3.54	74	40281	19.824	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65186	19.553	ug/l	99
10) Methyl Iodide	4.10	142	79437	18.925	ug/l	97
11) Tert butyl alcohol	4.97	59	29304	91.000	ug/l	96
12) 1,1-Dichloroethene	3.88	96	65014	19.685	ug/l	97
13) Acrolein	3.74	56	32225	101.588	ug/l	99
14) Allyl chloride	4.49	41	113617	20.063	ug/l	100
15) Acrylonitrile	5.18	53	100514	95.798	ug/l	99
16) Acetone	3.95	43	71645	97.575	ug/l	96
17) Carbon Disulfide	4.19	76	209938	19.653	ug/l	98
18) Methyl Acetate	4.49	43	63916	20.819	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	175548	19.902	ug/l	99
20) Methylene Chloride	4.72	84	82466	21.307	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	75290	20.056	ug/l	95
22) Diisopropyl ether	6.13	45	244235	20.983	ug/l	97
23) Vinyl Acetate	6.07	43	717553	101.406	ug/l	99
24) 1,1-Dichloroethane	6.03	63	129278	20.152	ug/l	98
25) 2-Butanone	7.00	43	126526	93.283	ug/l	98
26) 2,2-Dichloropropane	6.99	77	107487	19.907	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	82250	20.269	ug/l	100
28) Bromochloromethane	7.35	49	29258	13.953	ug/l	99
29) Tetrahydrofuran	7.35	42	90981	101.225	ug/l	96
30) Chloroform	7.52	83	124299	19.314	ug/l	99
31) Cyclohexane	7.79	56	136151	20.034	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	106853	20.107	ug/l	99
36) 1,1-Dichloropropene	7.92	75	101894	19.589	ug/l	98
37) Ethyl Acetate	7.08	43	57308	19.081	ug/l	98
38) Carbon Tetrachloride	7.91	117	93242	20.129	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	131654	19.104	ug/l	98
40) Benzene	8.17	78	303919	20.059	ug/l	100
41) Methacrylonitrile	7.33	41	33555m	21.198	ug/l	
42) 1,2-Dichloroethane	8.25	62	81589	20.476	ug/l	98
43) Isopropyl Acetate	8.28	43	107576	19.007	ug/l	100
44) Trichloroethene	8.94	130	79846	20.506	ug/l	92
45) 1,2-Dichloropropane	9.22	63	78709	20.682	ug/l	97
46) Dibromomethane	9.31	93	40125	20.179	ug/l	99
47) Bromodichloromethane	9.50	83	94957	20.328	ug/l	96
48) Methyl methacrylate	9.30	41	50220	20.178	ug/l	98
49) 1,4-Dioxane	9.30	88	11286	400.575	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	291387	99.643	ug/l	98
52) Toluene	10.24	92	191404	20.404	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	102152	20.355	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	116222	19.593	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	58128	19.786	ug/l	96
56) Ethyl methacrylate	10.51	69	84640	20.140	ug/l	99
57) 1,3-Dichloropropane	10.79	76	103789	20.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	167943	99.109	ug/l	99
59) 2-Hexanone	10.83	43	201668	94.641	ug/l	98
60) Dibromochloromethane	10.99	129	63703	20.143	ug/l	98
61) 1,2-Dibromoethane	11.09	107	55409	20.013	ug/l	98
64) Tetrachloroethene	10.72	164	82987	20.247	ug/l	97
65) Chlorobenzene	11.52	112	194041	19.788	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	64886	19.635	ug/l	98
67) Ethyl Benzene	11.59	91	362038	19.824	ug/l	100
68) m/p-Xylenes	11.70	106	276956	40.404	ug/l	99
69) o-Xylene	12.03	106	128249	20.066	ug/l	100
70) Styrene	12.05	104	220395	20.139	ug/l	99
71) Bromoform	12.20	173	37458	20.097	ug/l #	96
73) Isopropylbenzene	12.33	105	338285	19.192	ug/l	100
74) N-amyl acetate	12.14	43	92893	18.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66319	19.095	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	51564m	20.558	ug/l	
77) Bromobenzene	12.61	156	74828	19.584	ug/l	98
78) n-propylbenzene	12.67	91	418469	19.444	ug/l	100
79) 2-Chlorotoluene	12.75	91	230989	19.427	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	287625	19.708	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	24620	19.281	ug/l	96
82) 4-Chlorotoluene	12.86	91	247405	20.197	ug/l	97
83) tert-Butylbenzene	13.08	119	241670	19.696	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	285866	19.578	ug/l	99
85) sec-Butylbenzene	13.25	105	350206	19.625	ug/l	100
86) p-Isopropyltoluene	13.37	119	305729	19.697	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	148273	19.782	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	147177	19.831	ug/l	98
89) n-Butylbenzene	13.70	91	314332	20.030	ug/l	99
90) Hexachloroethane	13.96	117	57921	20.258	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	136906	20.306	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10761	18.507	ug/l	97

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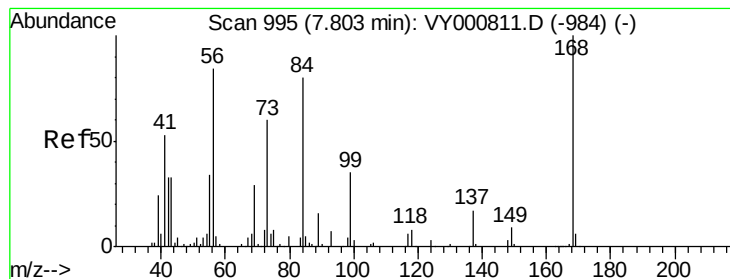
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	92196	20.209	ug/l	98
94) Hexachlorobutadiene	15.11	225	45715	20.211	ug/l	99
95) Naphthalene	15.23	128	205011	19.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	79591	19.532	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion:168 Resp: 301226

Ion Ratio Lower Upper

168 100

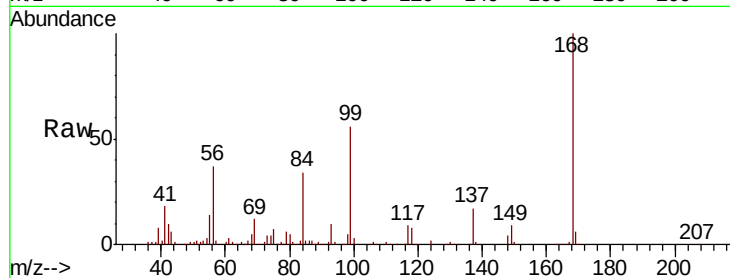
99 56.4 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

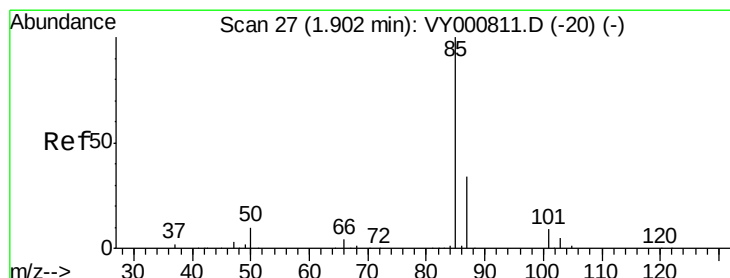
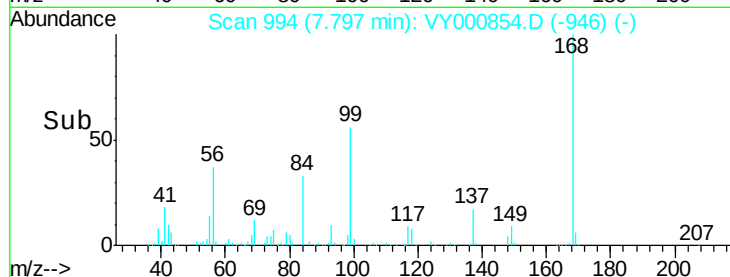
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.310 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000854.D

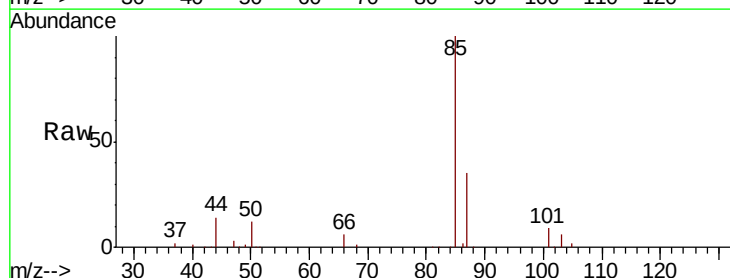
Acq: 04 Dec 2019 11:44

Tgt Ion: 85 Resp: 62616

Ion Ratio Lower Upper

85 100

87 35.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

40000

30000

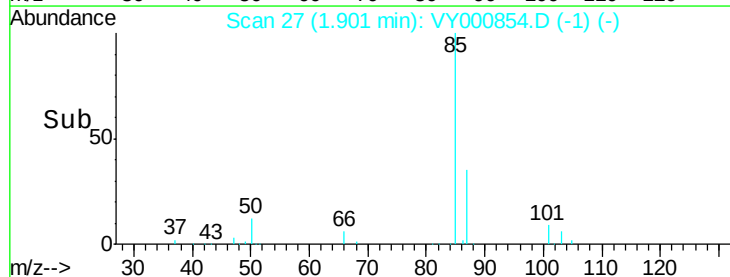
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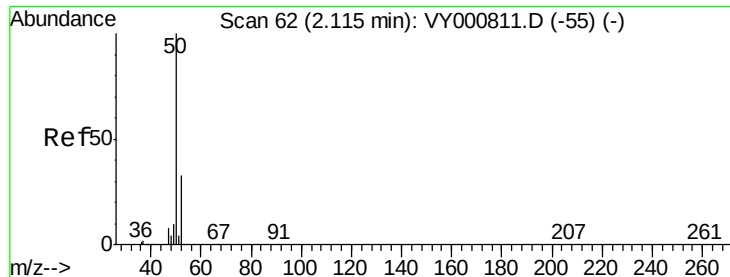
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.662 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 50 Resp: 82589

Ion Ratio Lower Upper

50 100

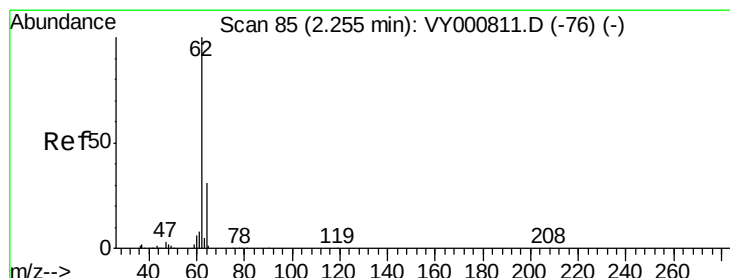
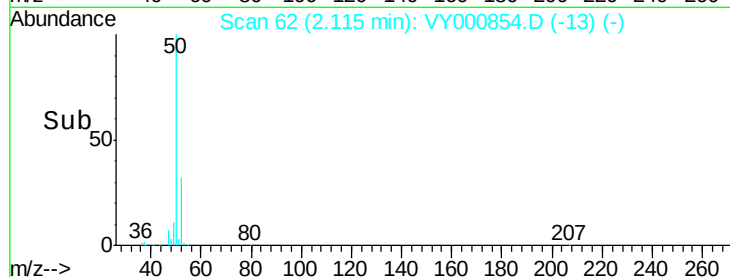
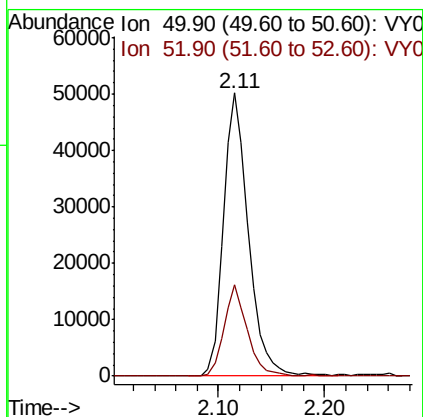
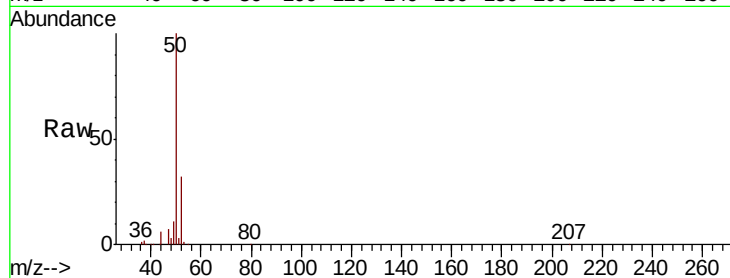
52 32.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.139 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000854.D

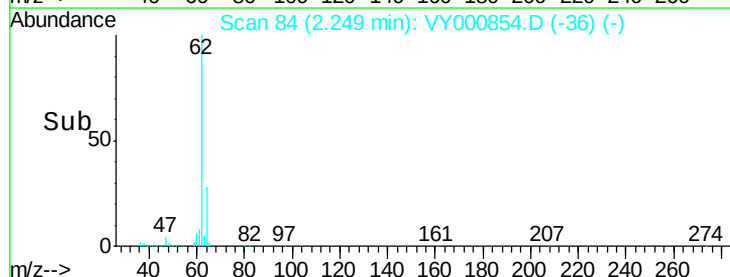
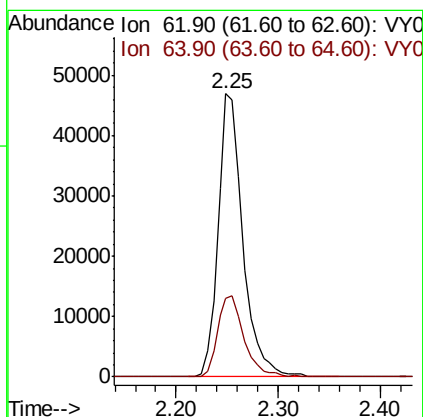
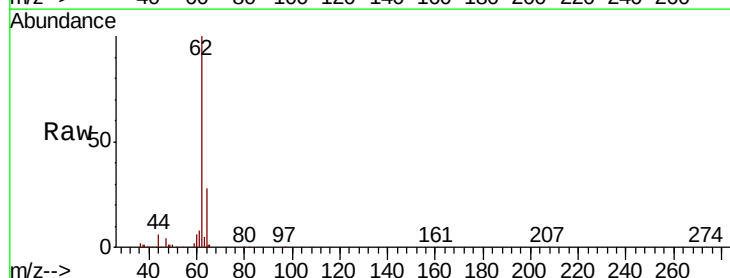
Acq: 04 Dec 2019 11:44

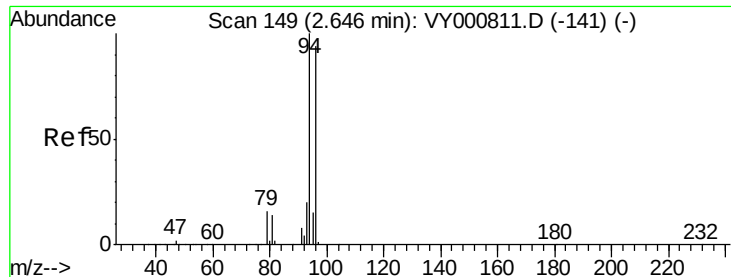
Tgt Ion: 62 Resp: 79334

Ion Ratio Lower Upper

62 100

64 27.9 25.1 37.7





#5

Bromomethane

Concen: 19.502 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 94 Resp: 49960

Ion Ratio Lower Upper

94 100

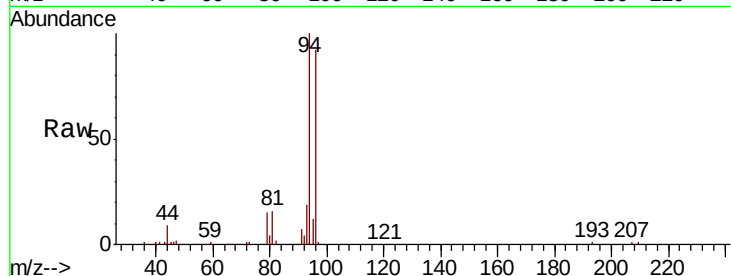
96 92.1 75.2 112.8

Manual Integrations

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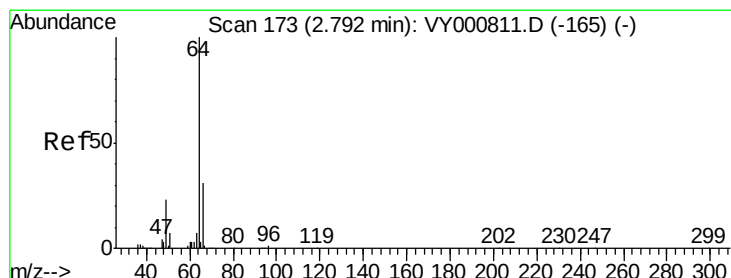
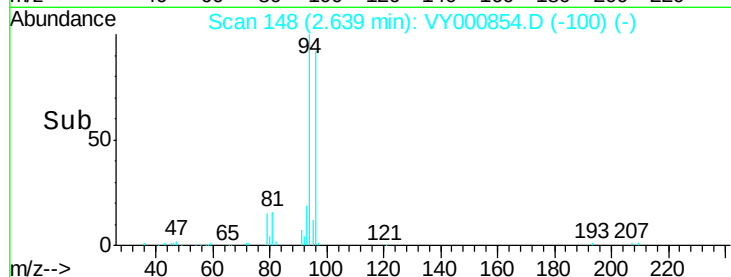
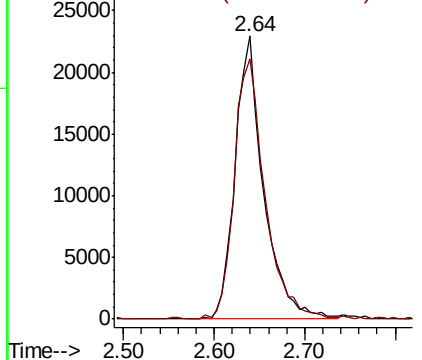
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.671 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000854.D

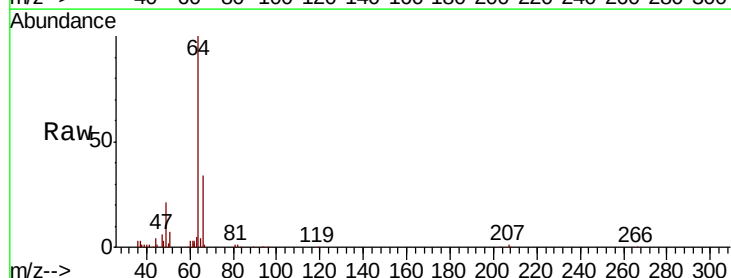
Acq: 04 Dec 2019 11:44

Tgt Ion: 64 Resp: 49926

Ion Ratio Lower Upper

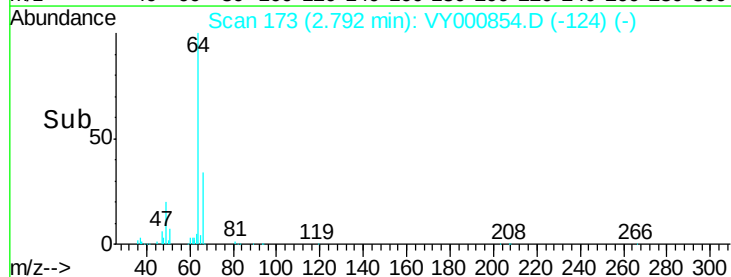
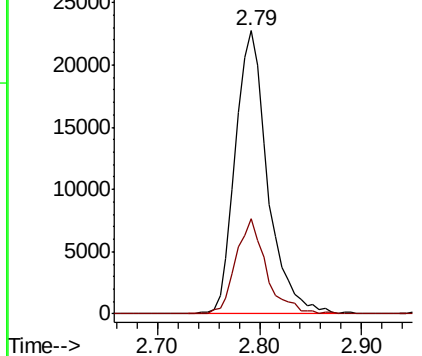
64 100

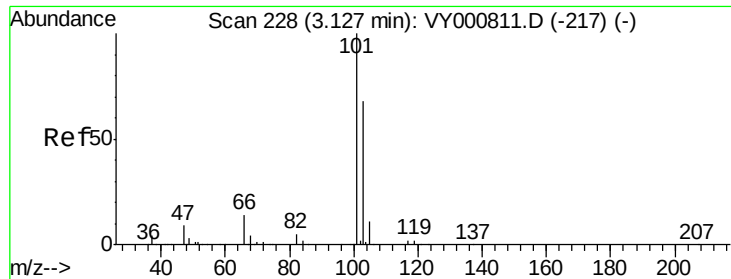
66 33.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

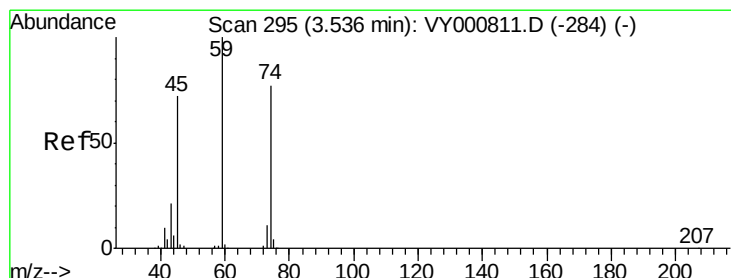
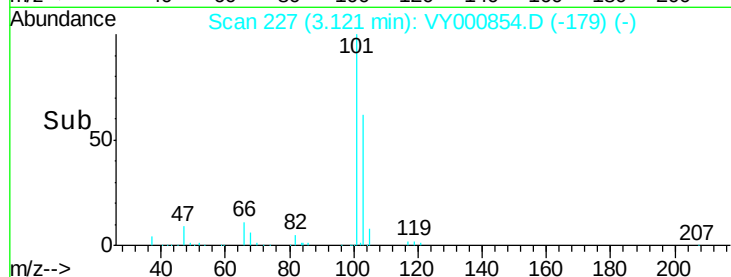
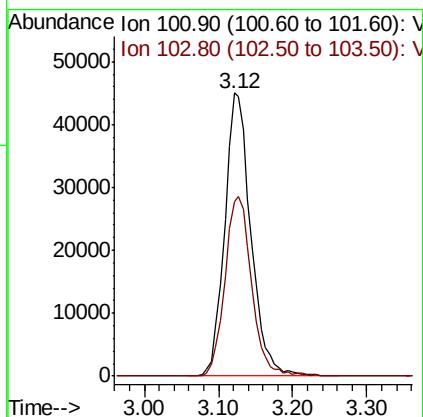
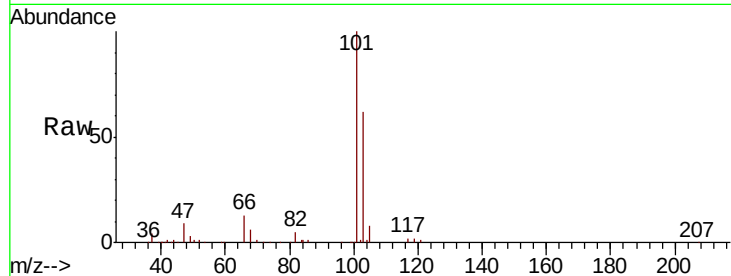
Trichlorofluoromethane
 Concen: 20.449 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	110395		
103	61.8	54.2	81.2	

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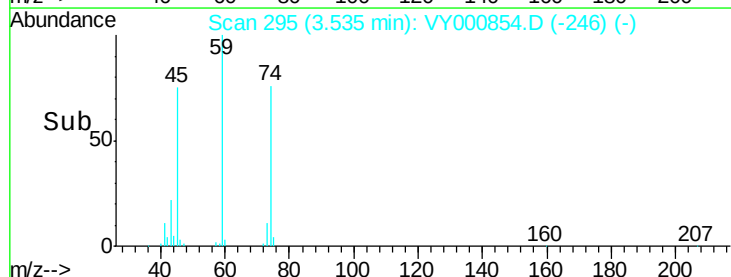
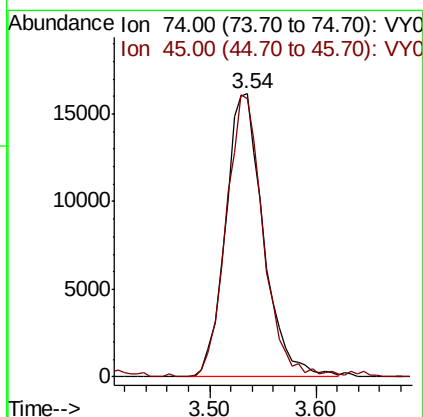
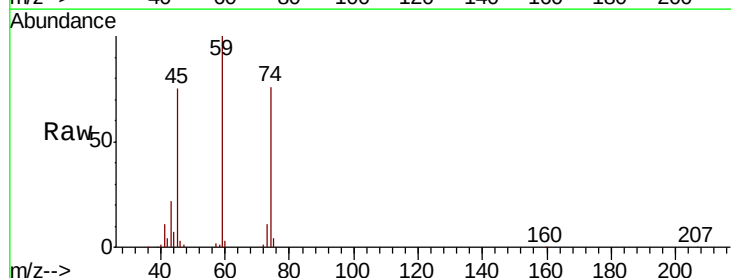
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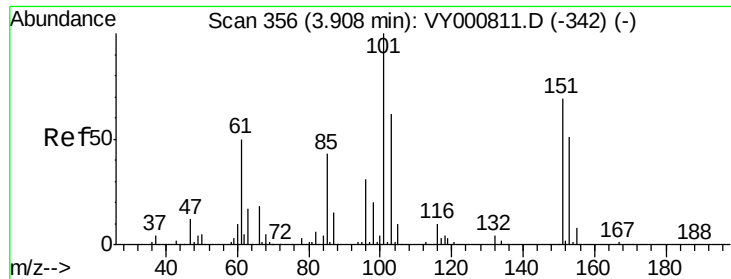


#8

Diethyl Ether
 Concen: 19.824 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40281		
45	97.4	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.553 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

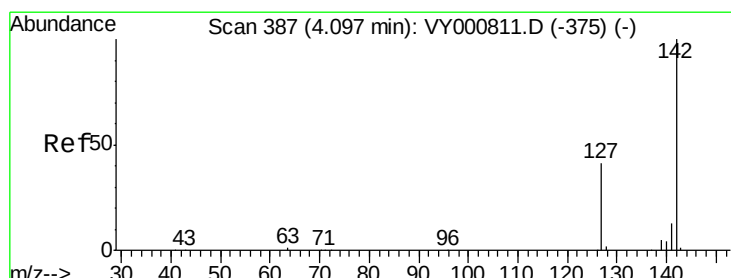
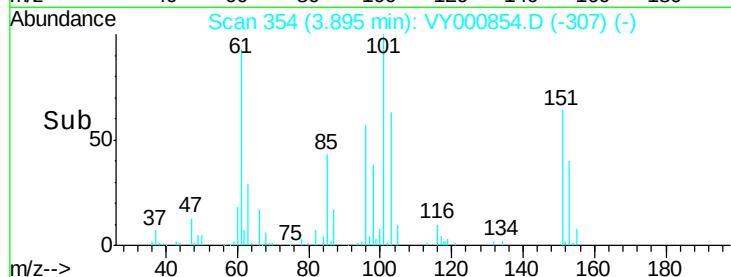
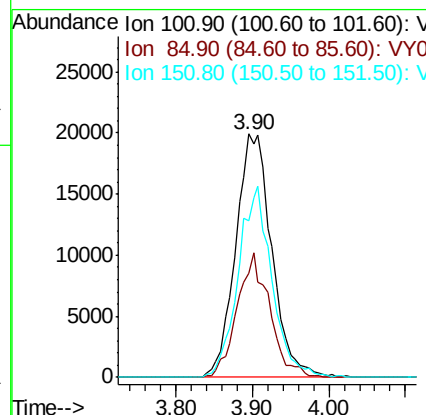
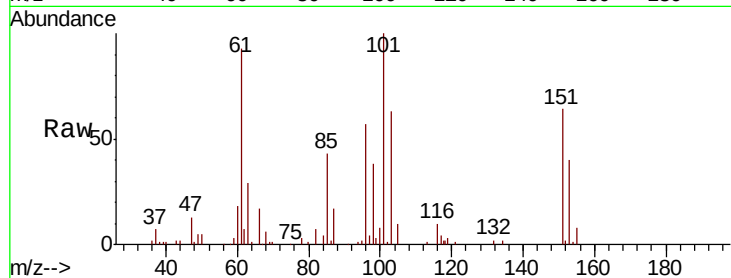
ClientSampleId :

VY1204SBS01

Tot Ion:	101	Resp:	65186
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.0	54.0
151	73.5	58.2	87.2

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#10

Methyl Iodide

Concen: 18.925 ug/l

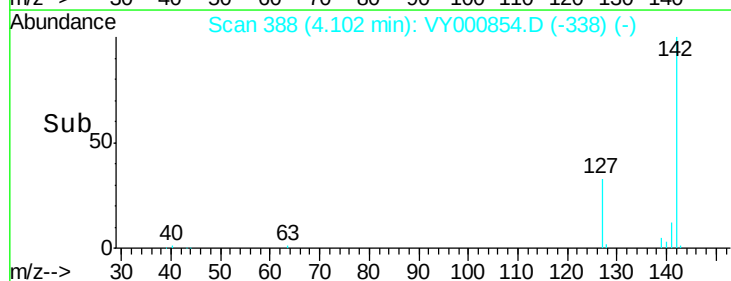
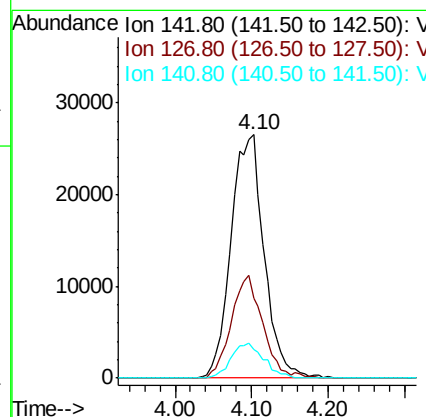
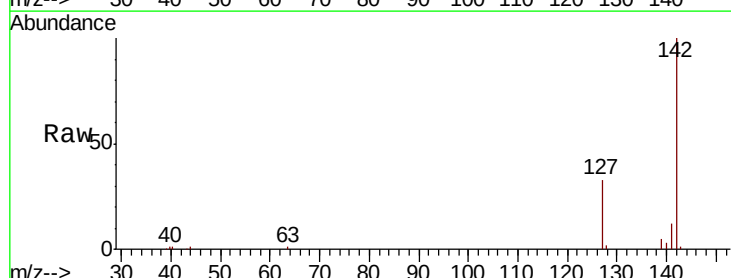
RT: 4.10 min Scan# 388

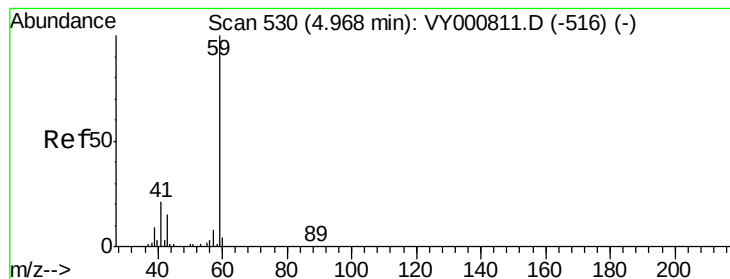
Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion:	142	Resp:	79437
Ion Ratio	Lower	Upper	
142	100		
127	39.8	33.8	50.8
141	13.9	10.9	16.3





#11

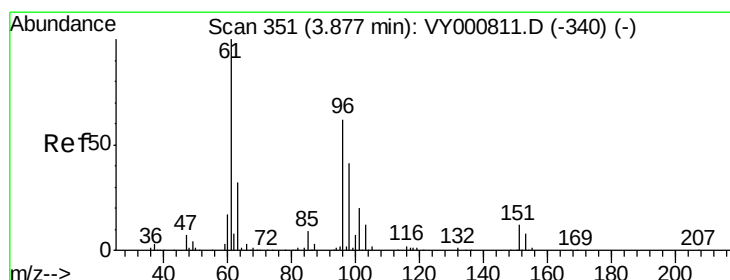
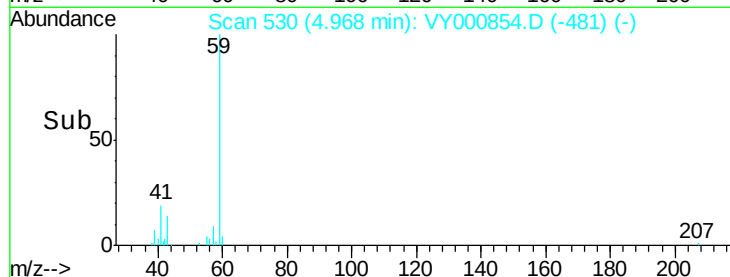
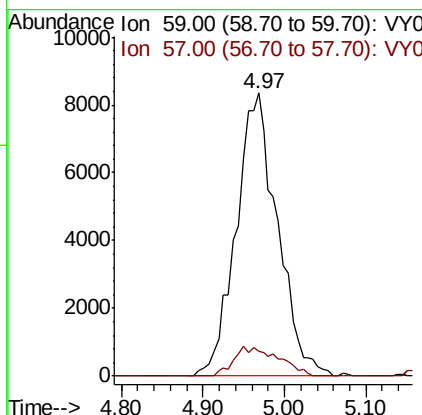
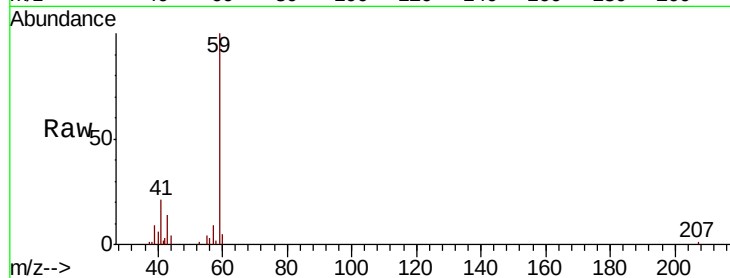
Tert butyl alcohol
 Concen: 91.000 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	7.8	11.6

Manual Integrations
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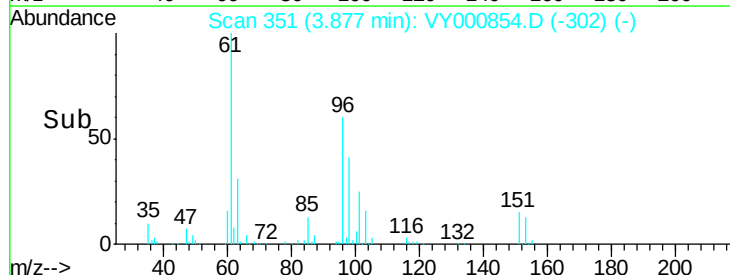
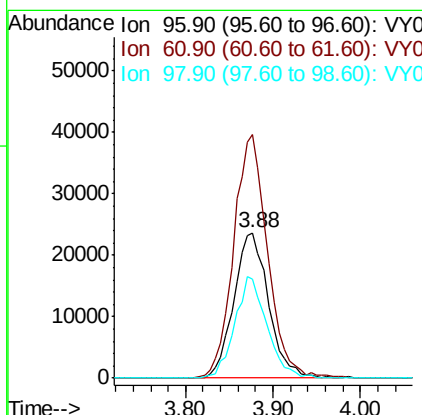
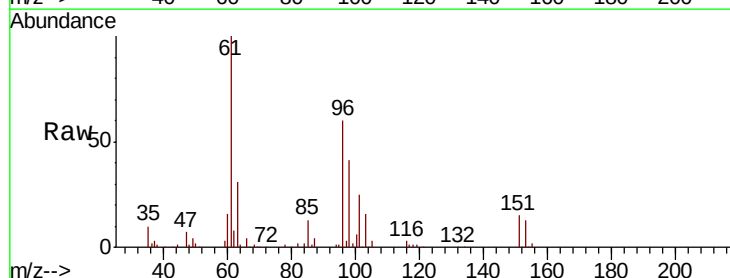
apatel
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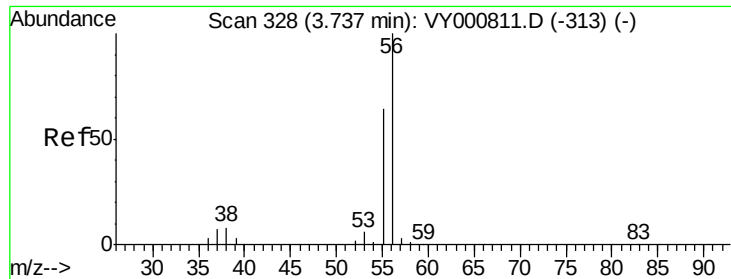


#12

1,1-Dichloroethene
 Concen: 19.685 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	129.4	194.2
98	68.0	53.4	80.0





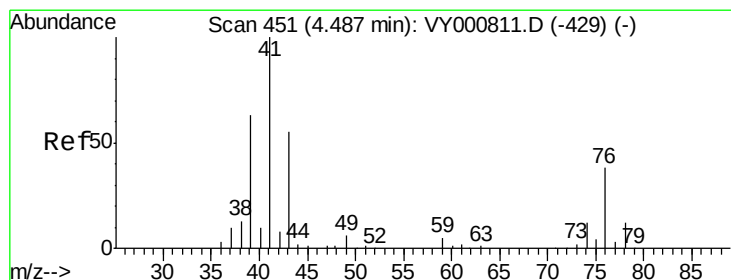
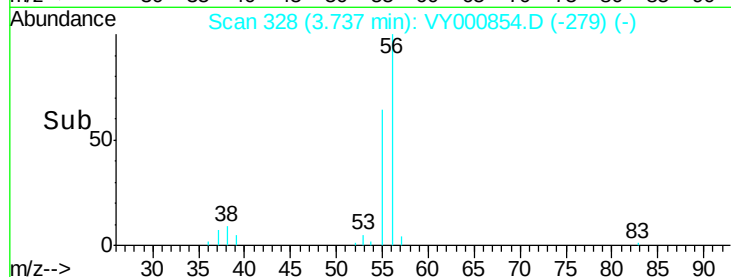
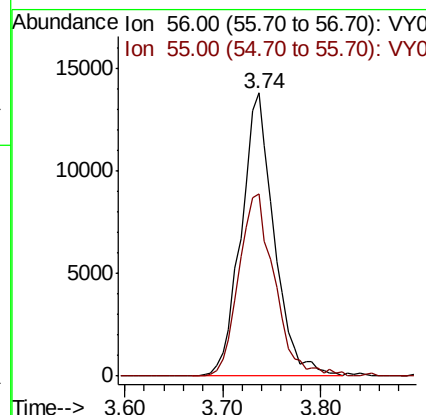
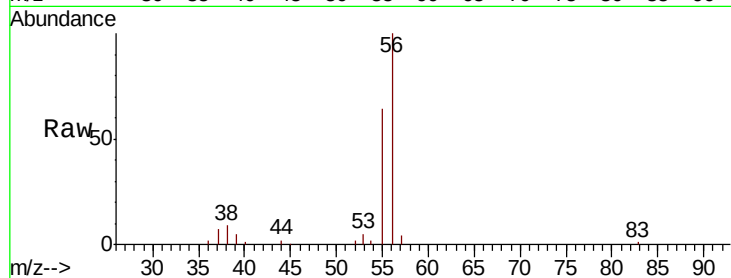
#13
Acrolein
Concen: 101.588 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion: 56 Resp: 32225
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5

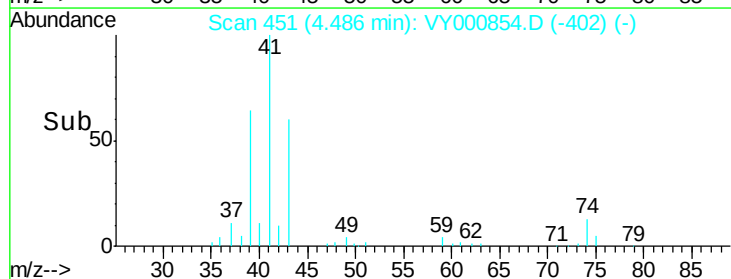
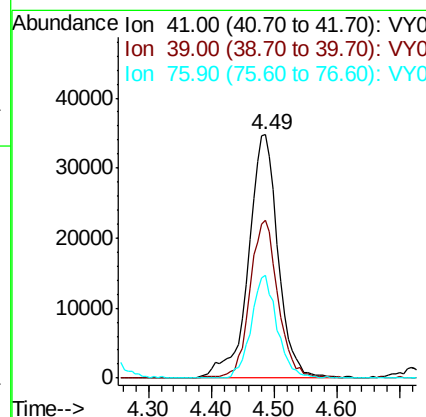
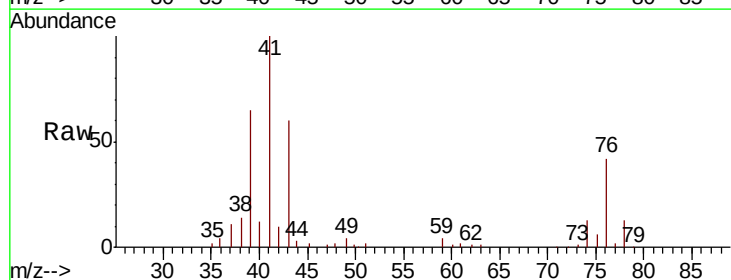
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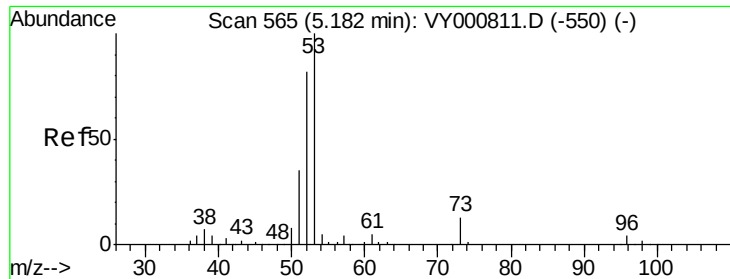
apatel
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#14
Allyl chloride
Concen: 20.063 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 41 Resp: 113617
Ion Ratio Lower Upper
41 100
39 61.5 49.2 73.8
76 36.7 29.2 43.8





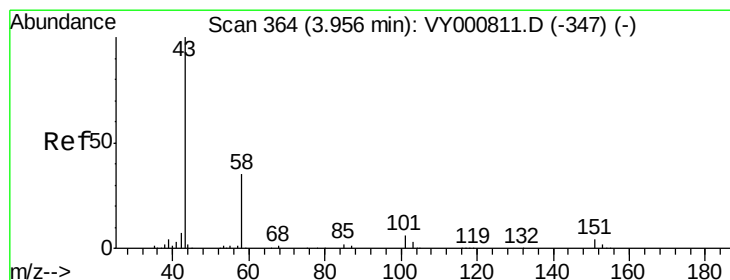
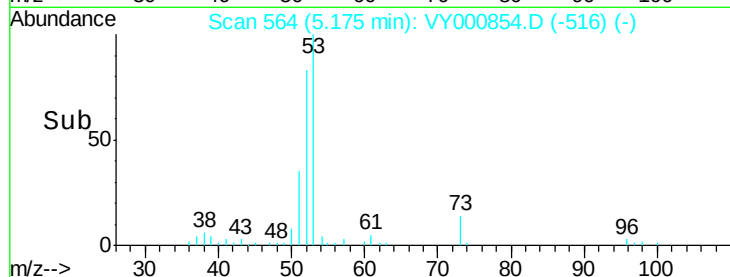
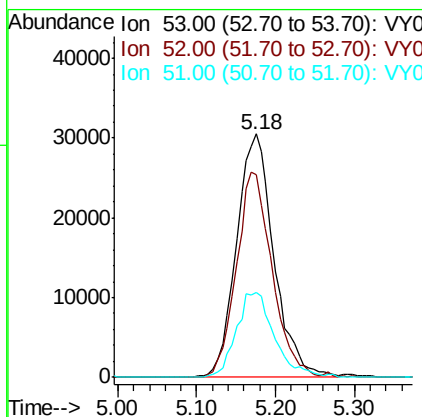
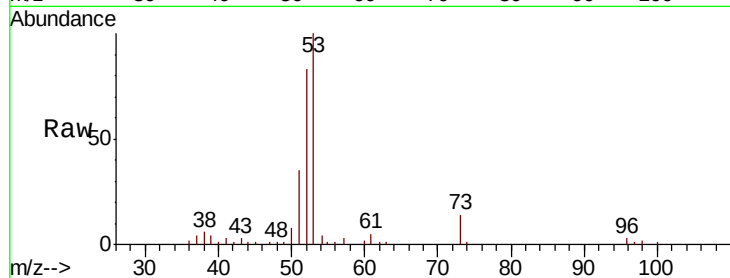
#15
 Acrylonitrile
 Concen: 95.798 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.1	97.7
51	35.5	29.0	43.4

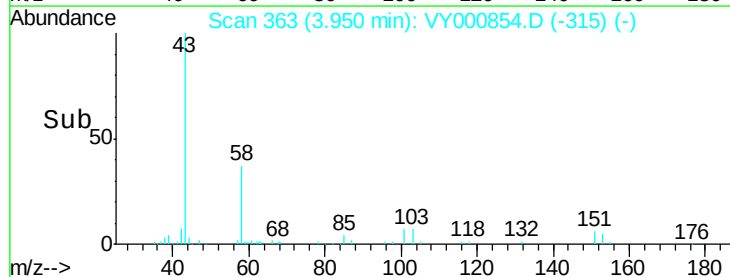
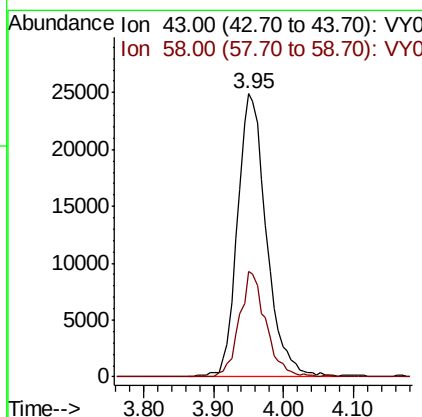
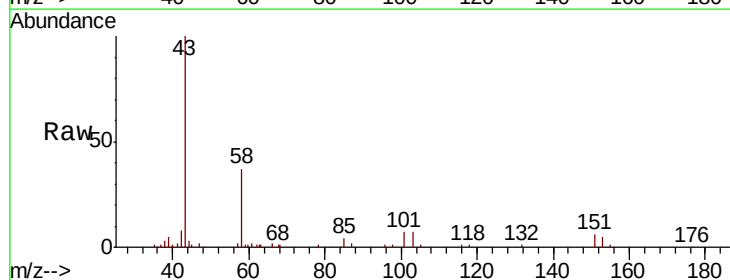
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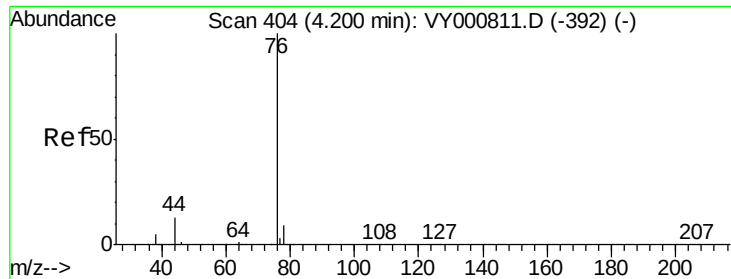
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#16
 Acetone
 Concen: 97.575 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.2	28.0	42.0





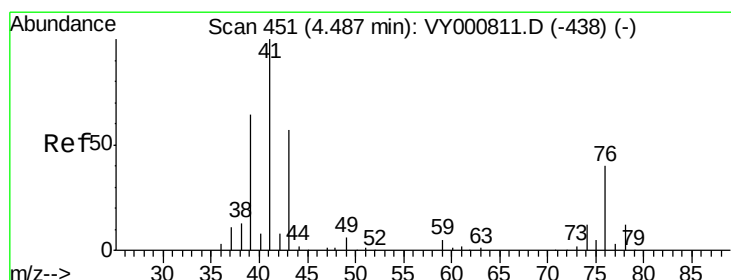
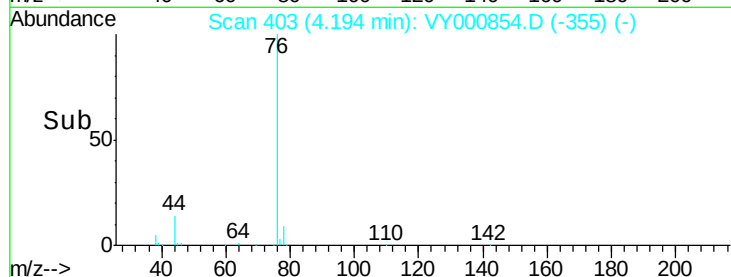
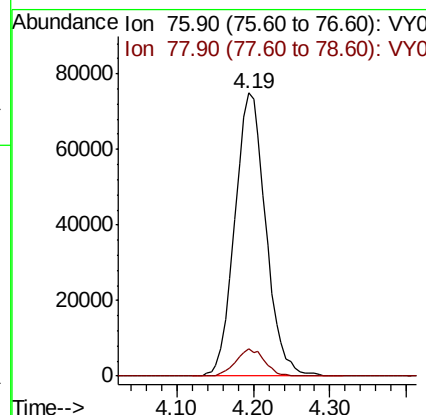
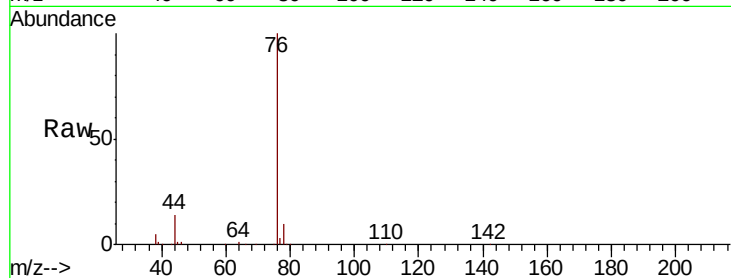
#17
Carbon Disulfide
Concen: 19.653 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.3	10.9

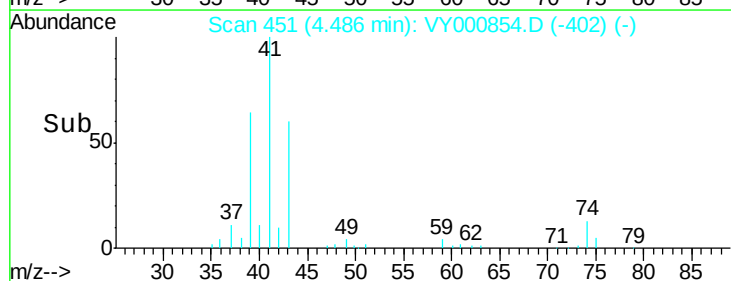
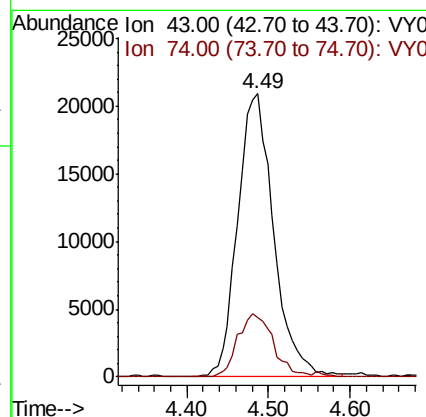
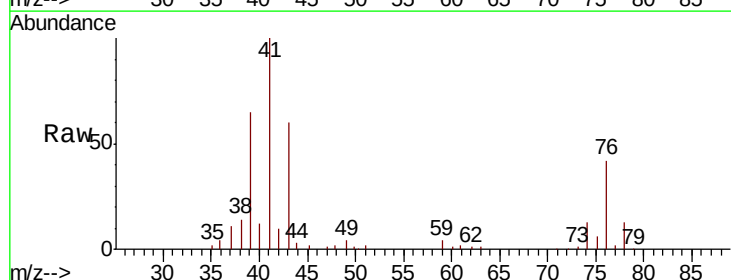
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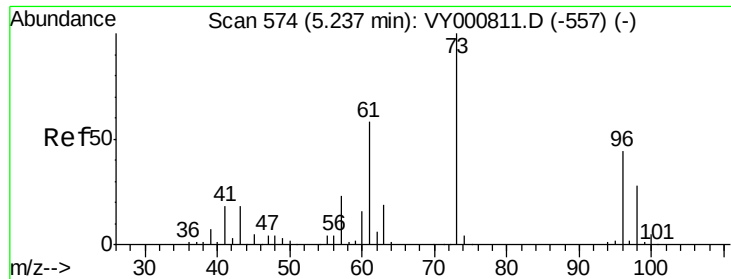
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#18
Methyl Acetate
Concen: 20.819 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.5	27.7





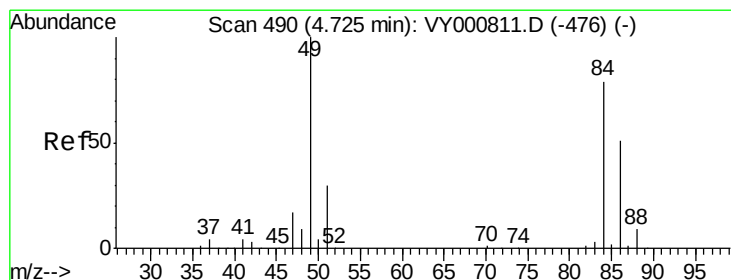
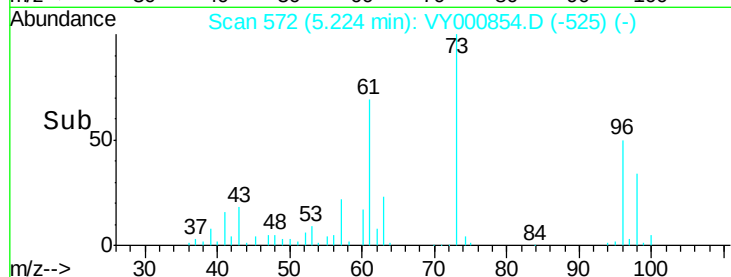
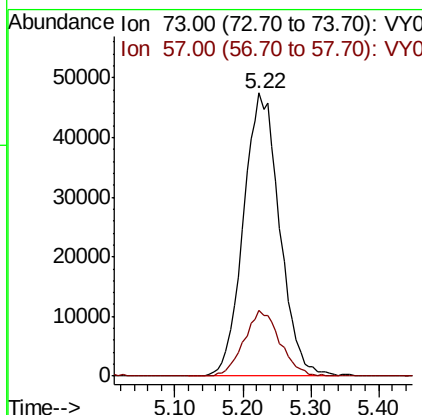
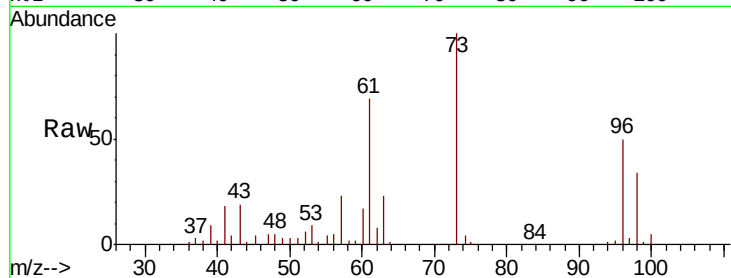
#19
Methyl tert-butyl Ether
Concen: 19.902 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampled :
VY1204SBS01

Tot Ion: 73 Resp: 175548
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4

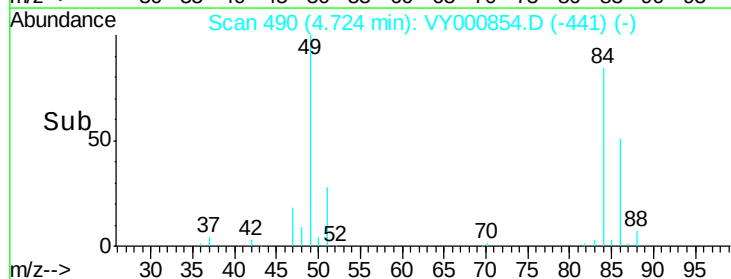
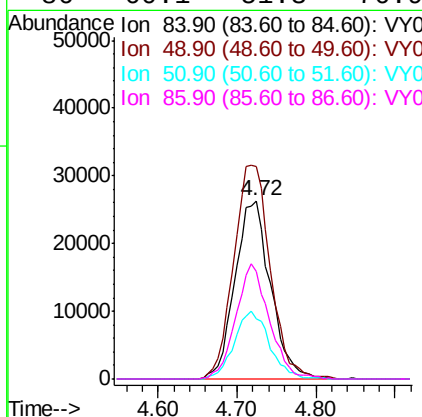
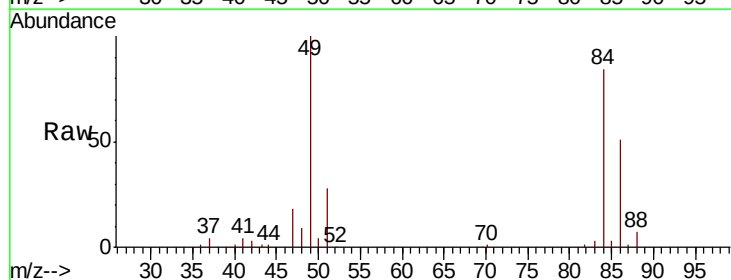
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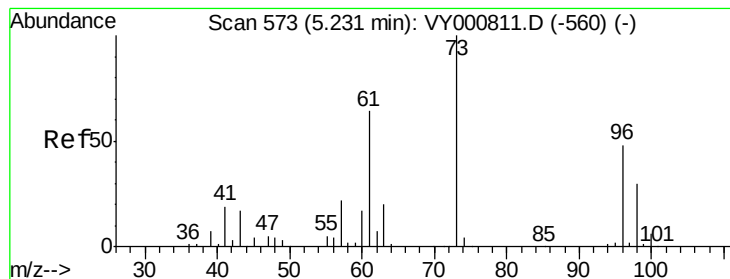
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#20
Methylene Chloride
Concen: 21.307 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 84 Resp: 82466
Ion Ratio Lower Upper
84 100
49 118.9 101.3 151.9
51 33.9 30.6 45.8
86 60.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.056 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 96 Resp: 75290

Ion Ratio Lower Upper

96 100

61 137.0 105.9 158.9

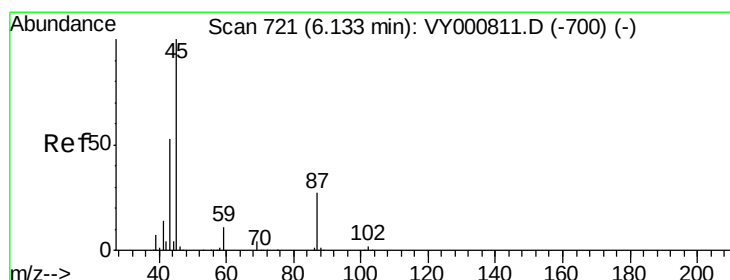
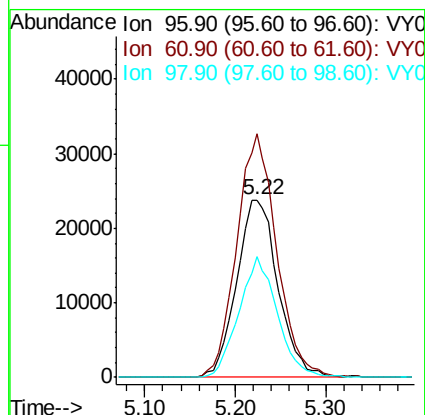
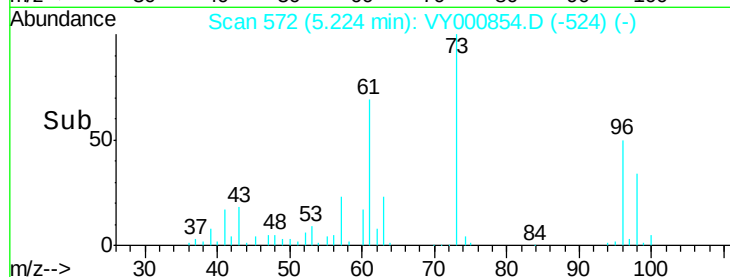
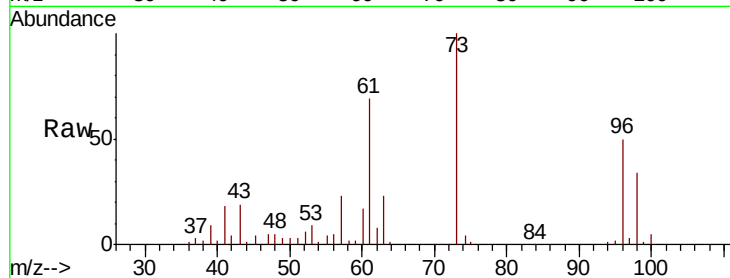
98 68.0 49.4 74.2

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#22

Diisopropyl ether

Concen: 20.983 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion: 45 Resp: 244235

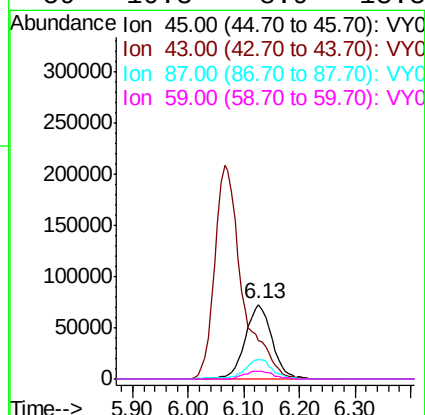
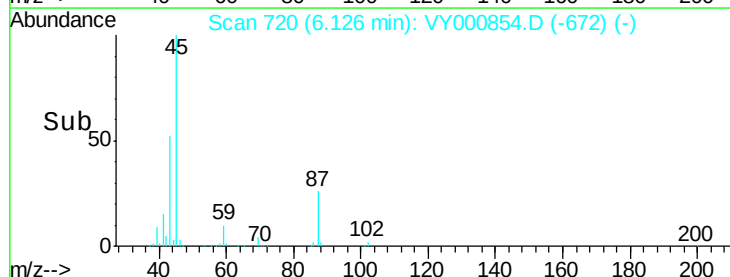
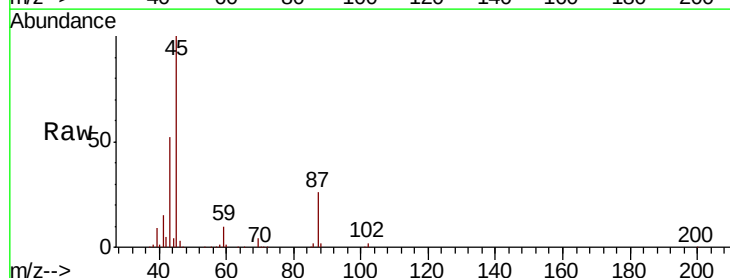
Ion Ratio Lower Upper

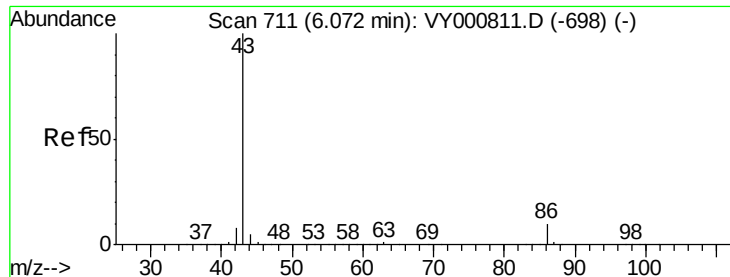
45 100

43 51.7 42.7 64.1

87 25.8 22.0 33.0

59 10.3 8.9 13.3





#23

Vinyl Acetate

Concen: 101.406 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 43 Resp: 717553

Ion Ratio Lower Upper

43 100

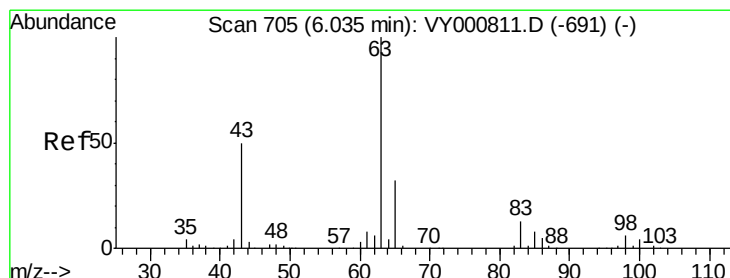
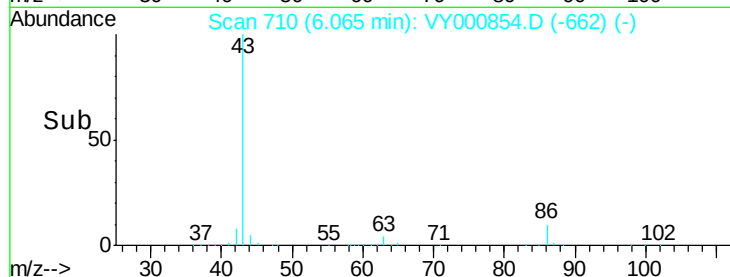
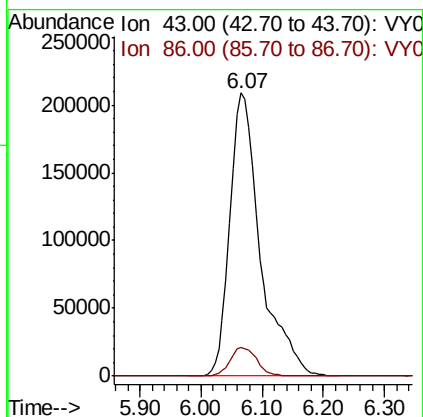
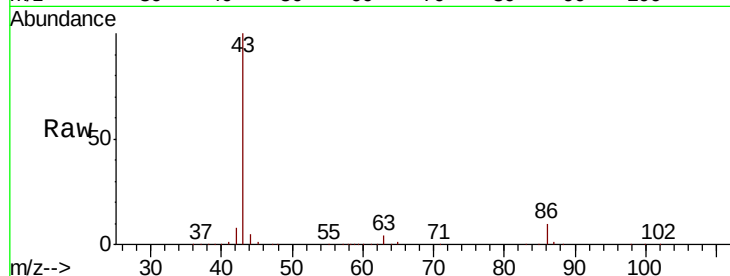
86 9.9 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.152 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

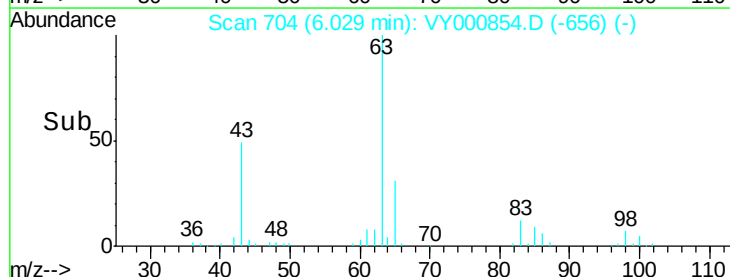
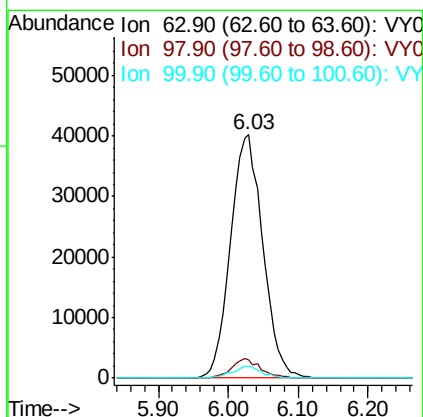
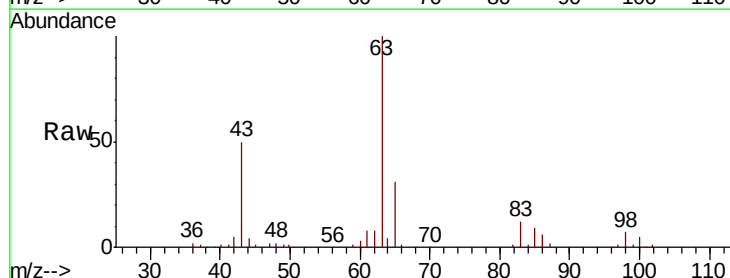
Tgt Ion: 63 Resp: 129278

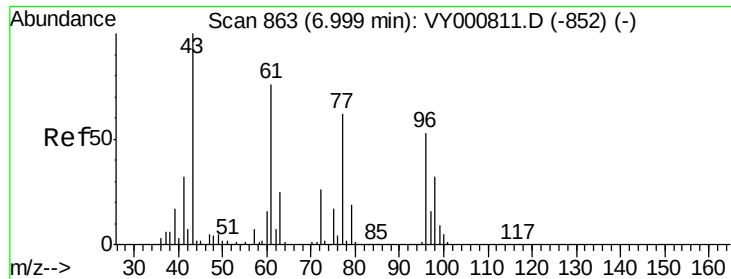
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 93.283 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tot Ion: 43 Resp: 126526

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4

Instrument :

MSVOA_Y

ClientSampled :

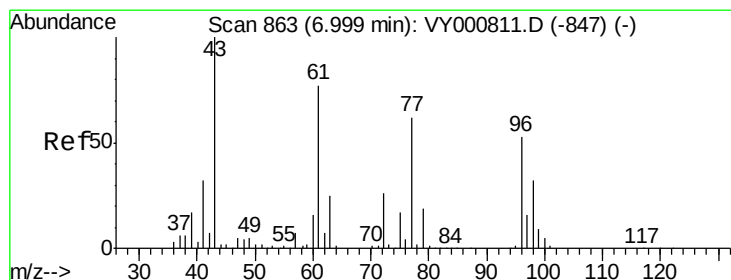
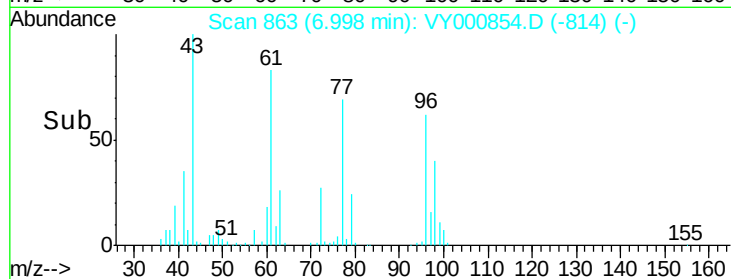
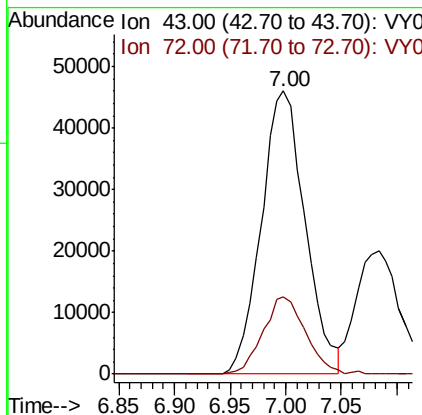
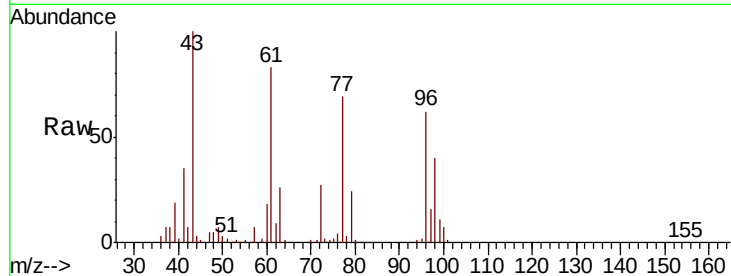
VY1204SBS01

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#26

2,2-Dichloropropane

Concen: 19.907 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000854.D

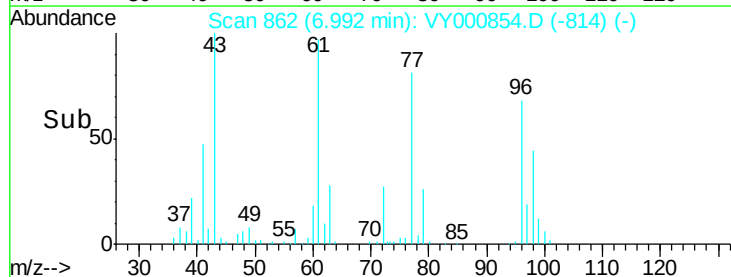
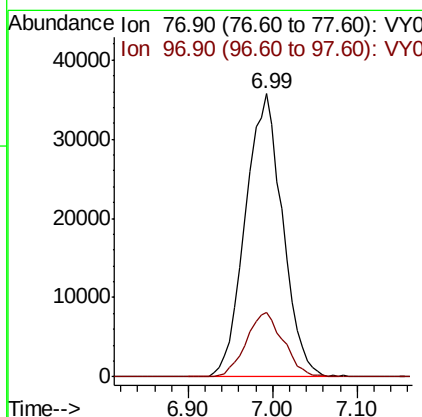
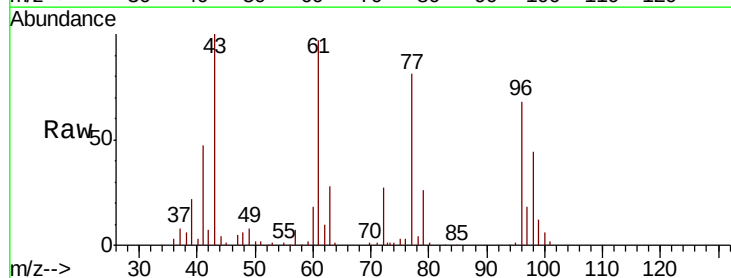
Acq: 04 Dec 2019 11:44

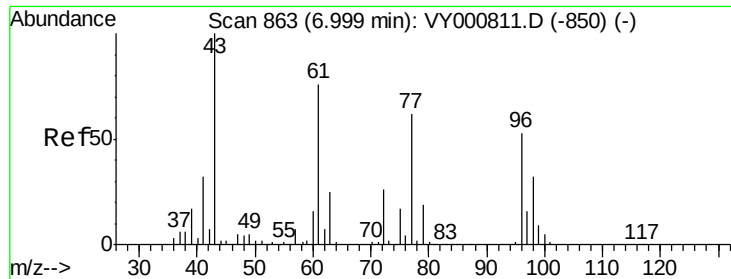
Tgt Ion: 77 Resp: 107487

Ion Ratio Lower Upper

77 100

97 22.6 11.9 35.9





#27

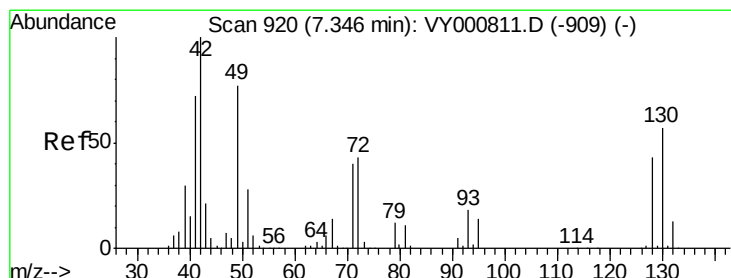
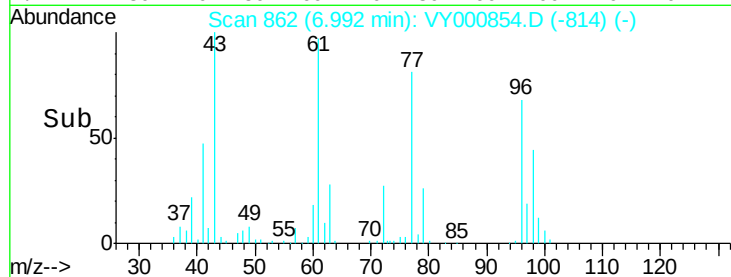
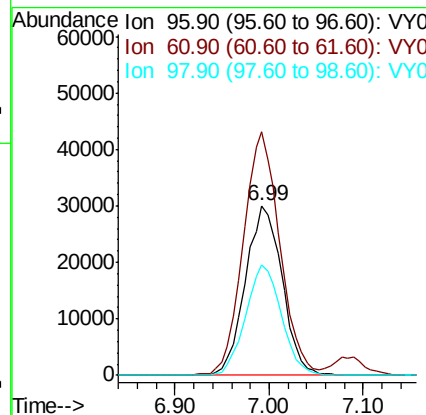
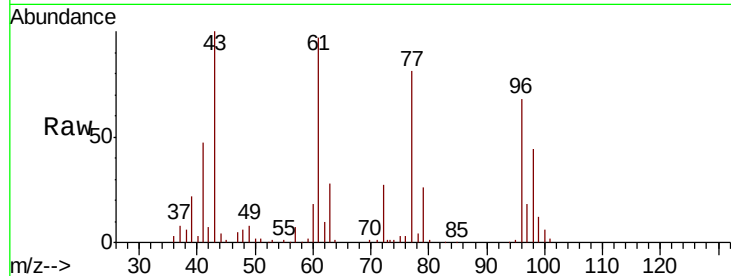
cis-1,2-Dichloroethene
Concen: 20.269 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	82250		
61	142.4	0.0	285.0	
98	63.4	0.0	128.0	

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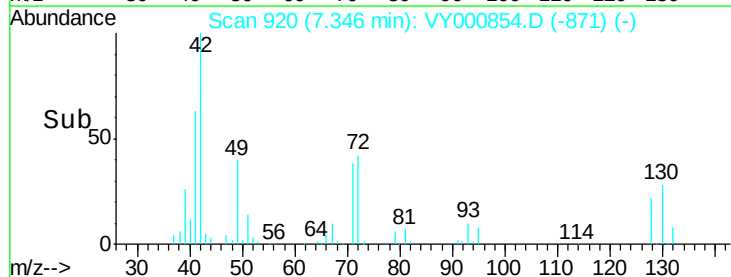
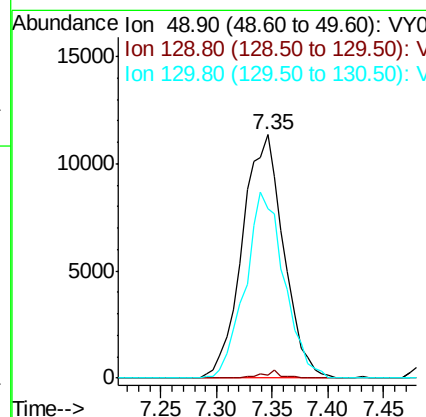
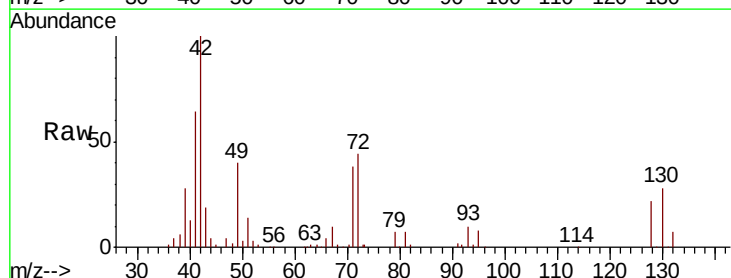
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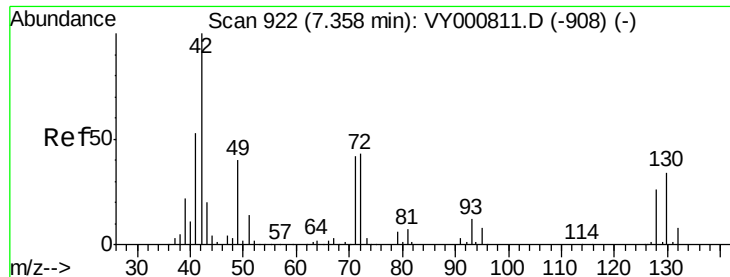


#28

Bromochloromethane
Concen: 13.953 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29258		
129	1.4	0.0	3.8	
130	72.2	58.7	88.1	





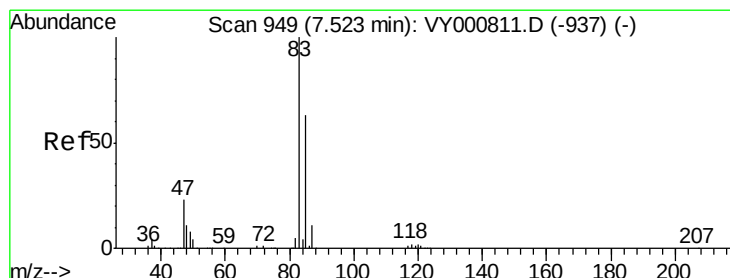
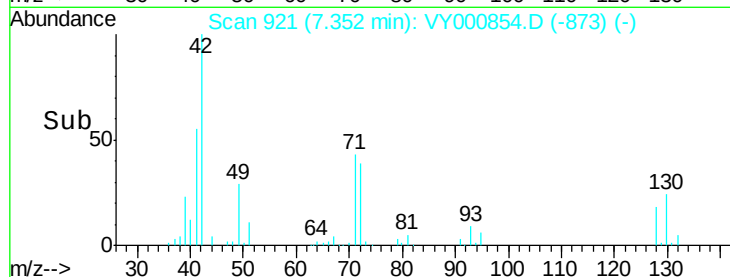
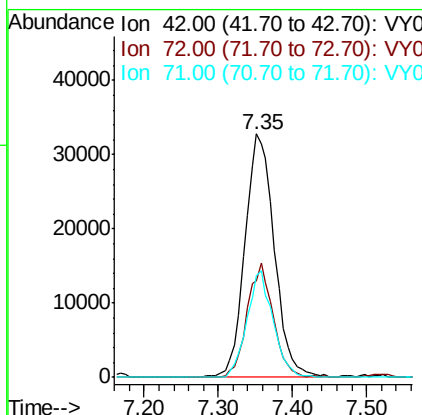
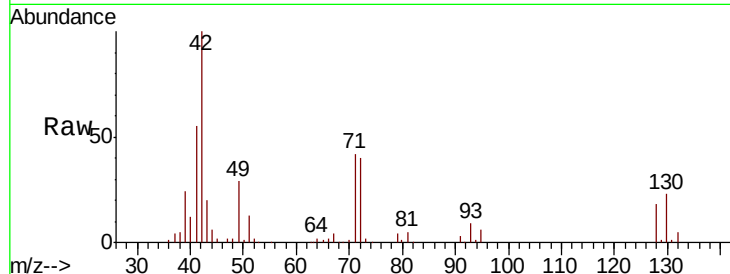
#29
Tetrahydrofuran
Concen: 101.225 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	35.1	52.7
71	39.1	32.8	49.2

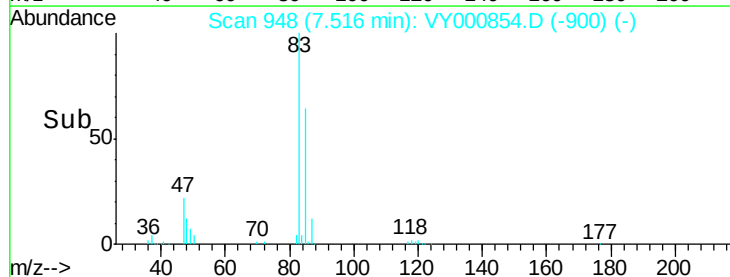
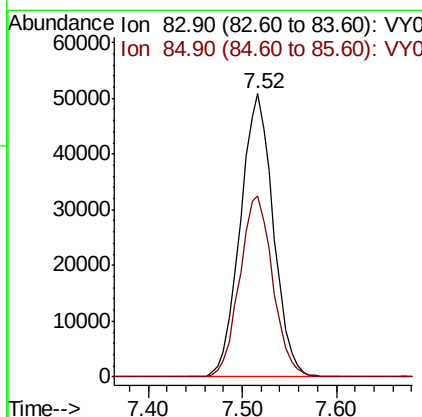
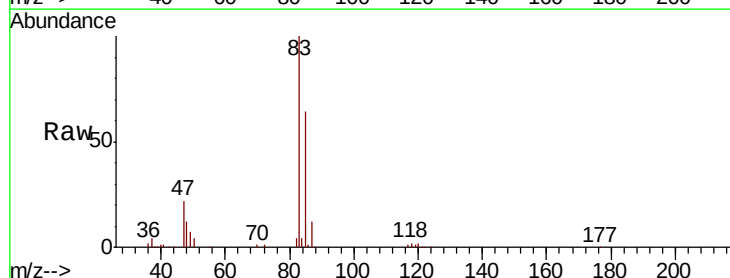
Manual Integrations
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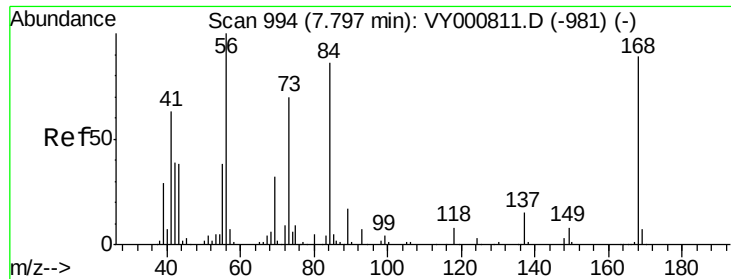
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#30
Chloroform
Concen: 19.314 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.4	75.6





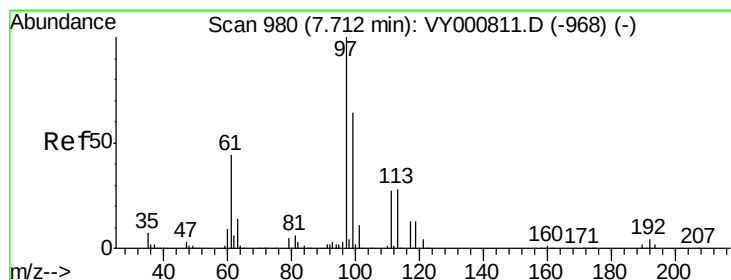
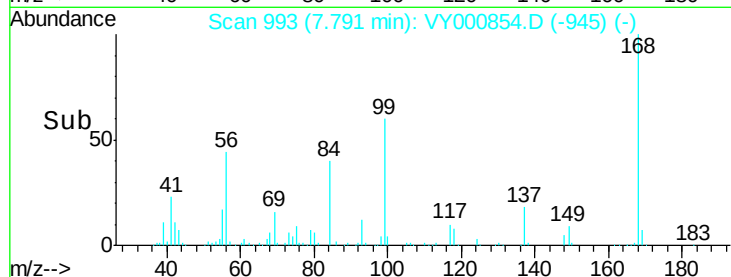
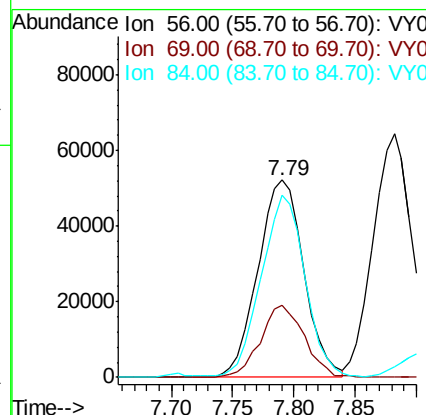
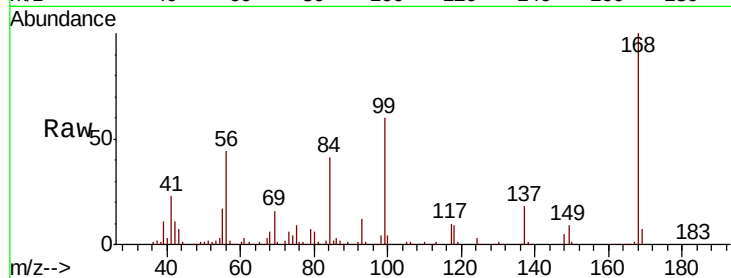
#31
Cyclohexane
Concen: 20.034 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	25.9	38.9
84	91.3	68.6	102.8

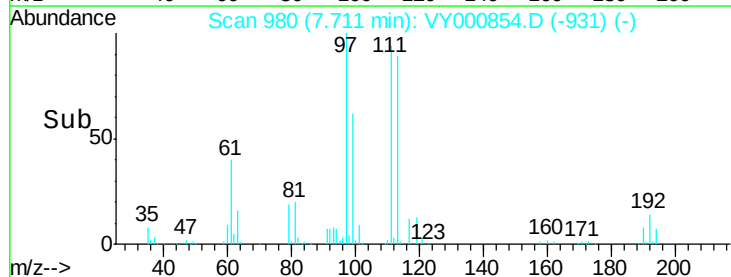
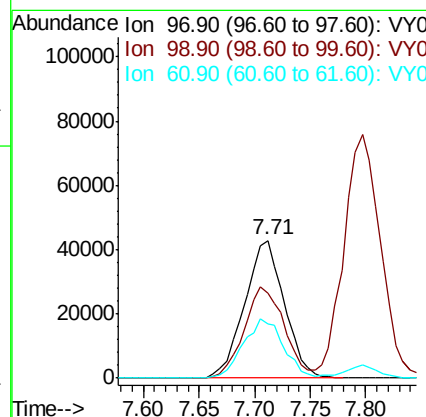
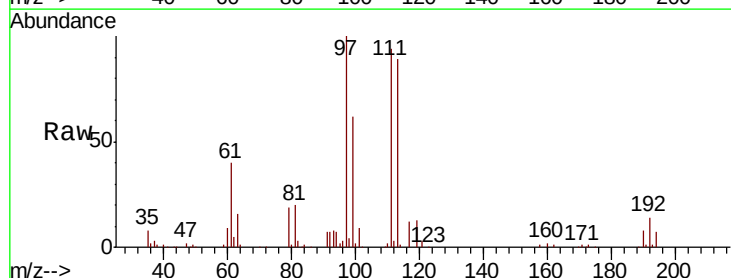
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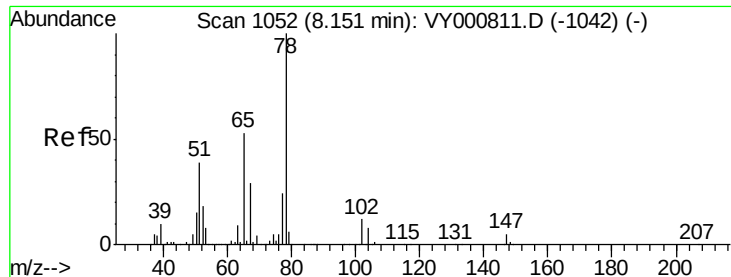
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#32
1,1,1-Trichloroethane
Concen: 20.107 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.7	77.5
61	43.8	35.0	52.6





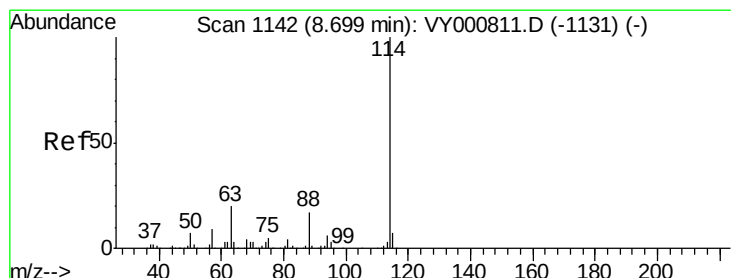
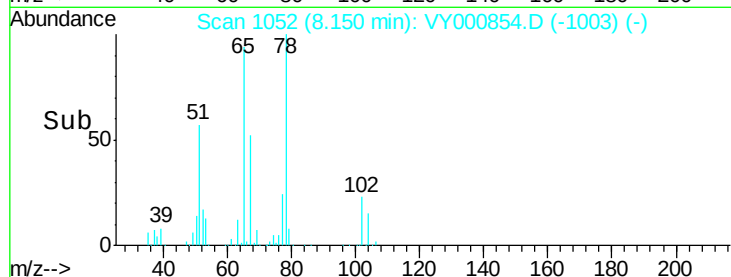
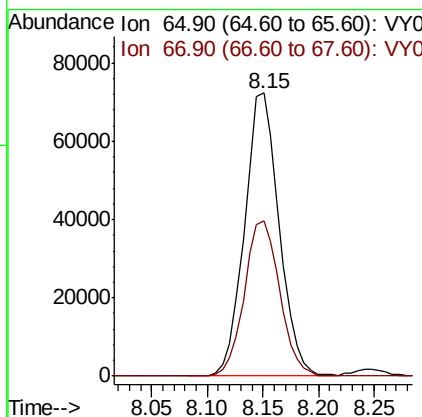
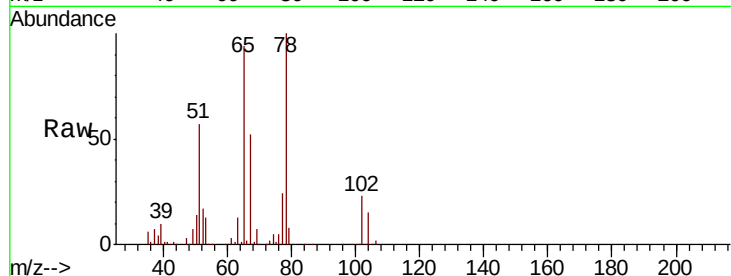
#33
 1,2-Dichloroethane-d4
 Concen: 48.822 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	156269		
67	56.1	0.0	112.0	

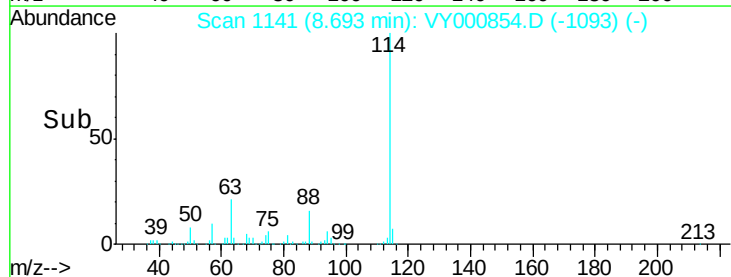
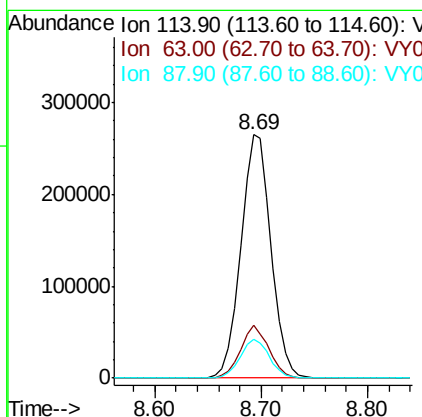
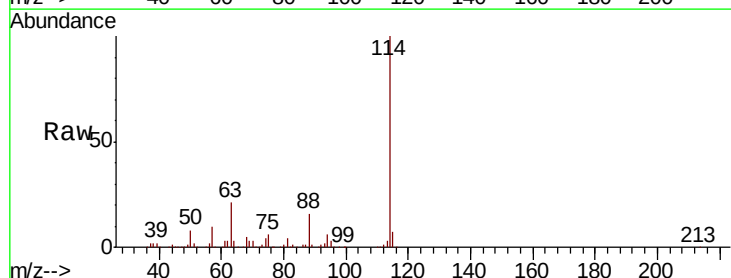
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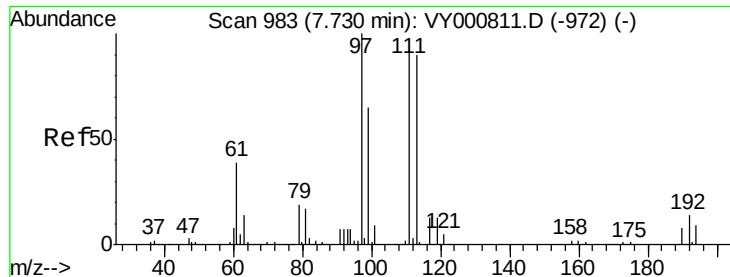
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	523128		
63	21.5	0.0	39.8	
88	15.9	0.0	33.2	





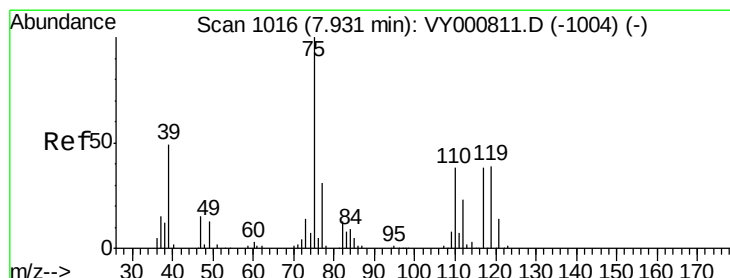
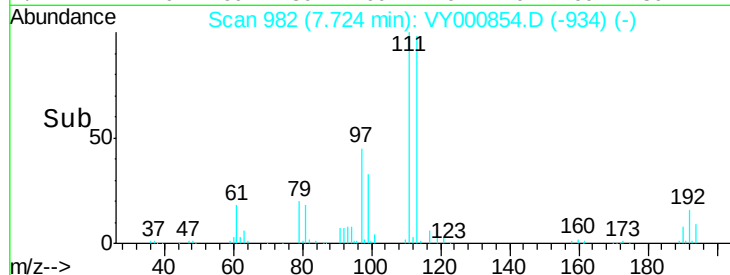
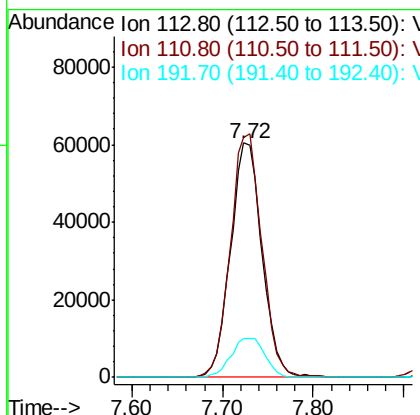
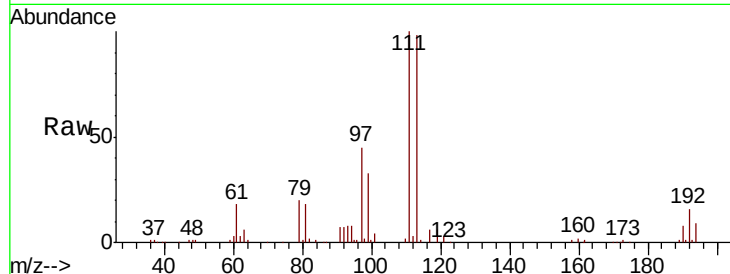
#35
 Dibromofluoromethane
 Concen: 47.839 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145850		
111	103.2	82.4	123.6	
192	18.1	14.2	21.2	

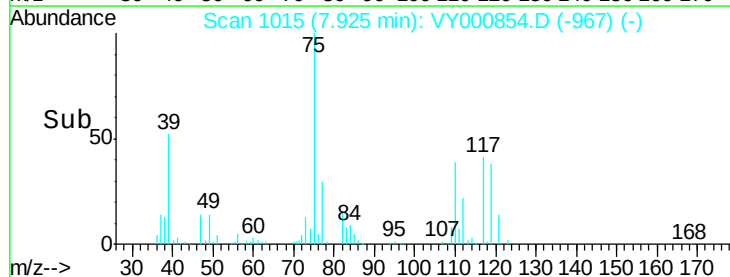
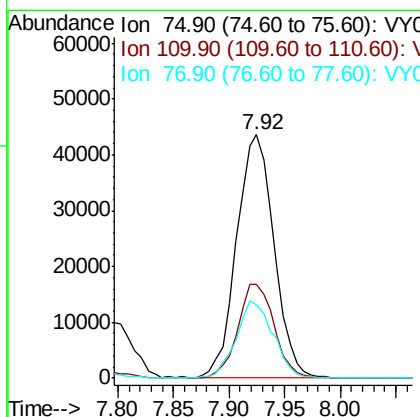
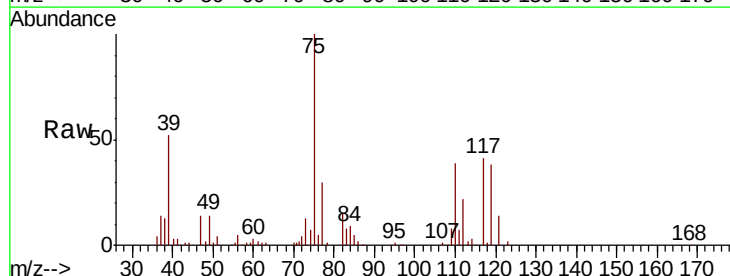
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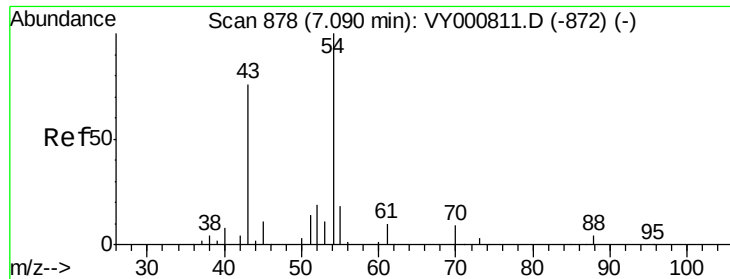
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#36
 1,1-Dichloropropene
 Concen: 19.589 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101894		
110	37.4	17.9	53.7	
77	31.4	24.7	37.1	





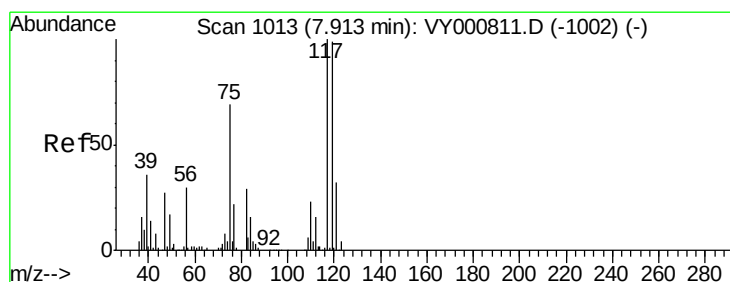
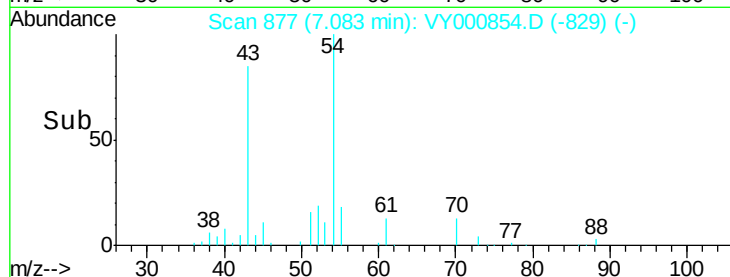
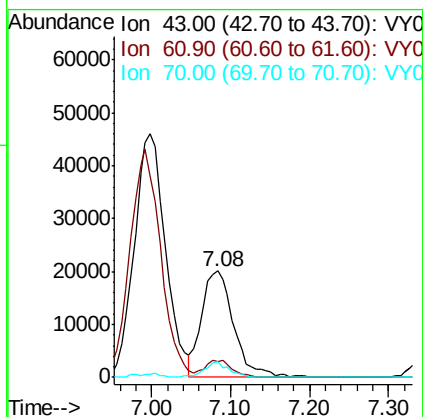
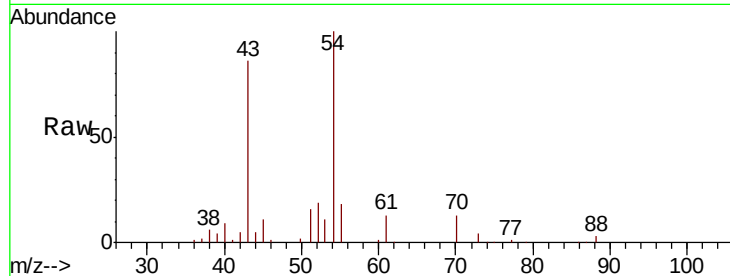
#37
Ethyl Acetate
Concen: 19.081 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.8	17.8
70	11.2	8.7	13.1

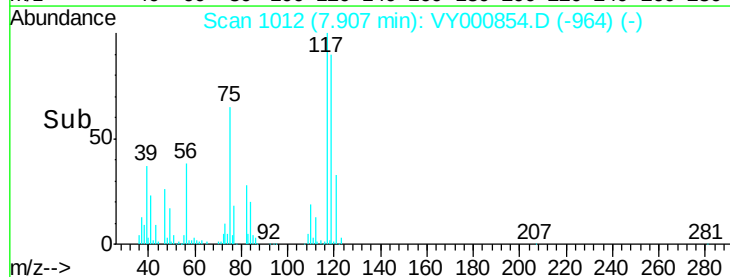
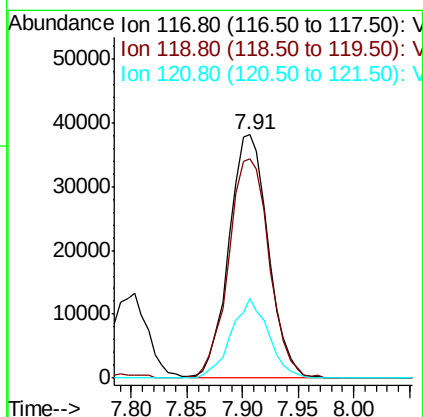
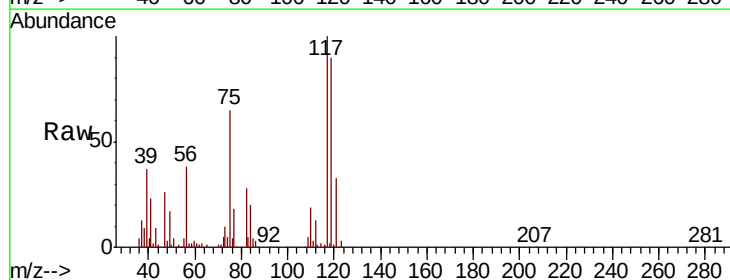
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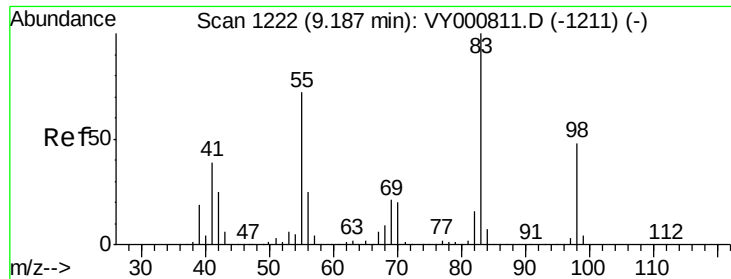
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#38
Carbon Tetrachloride
Concen: 20.129 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.9	79.3	118.9
121	32.8	25.5	38.3





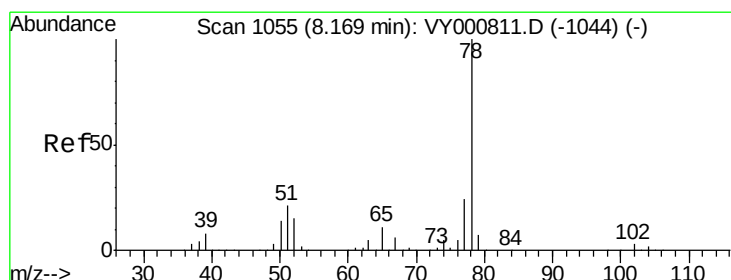
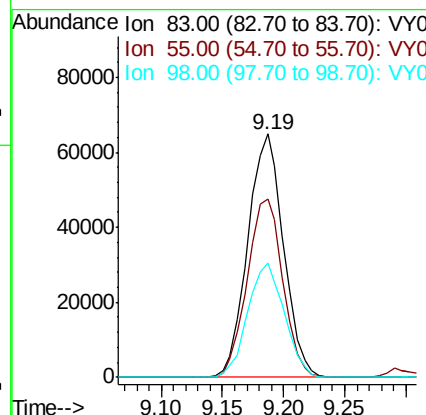
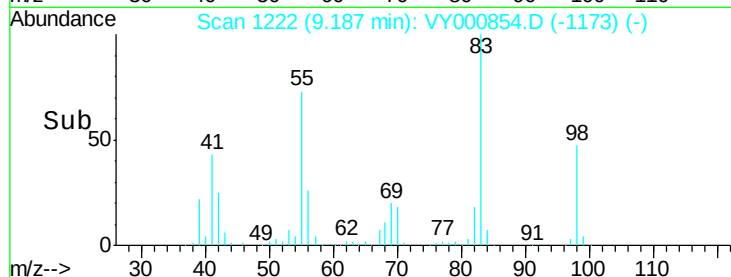
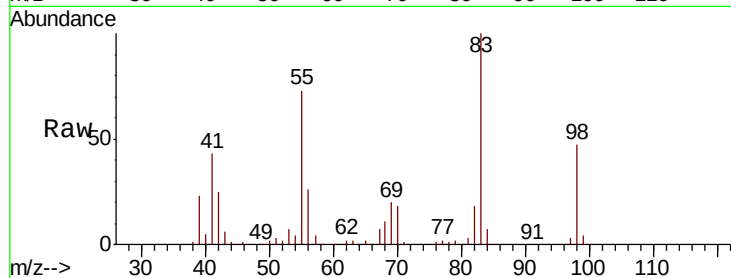
#39
Methylvlcyclohexane
Concen: 19.104 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	83	Resp	131654
Ion Ratio	Lower	Upper	
83	100		
55	73.4	57.8	86.6
98	46.8	38.6	58.0

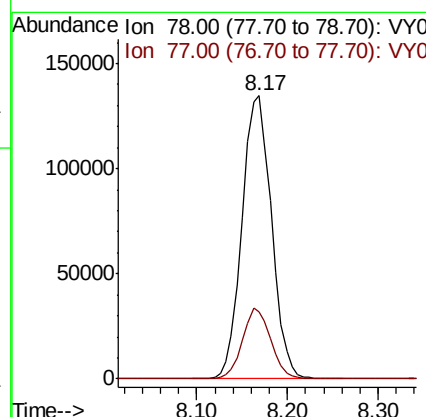
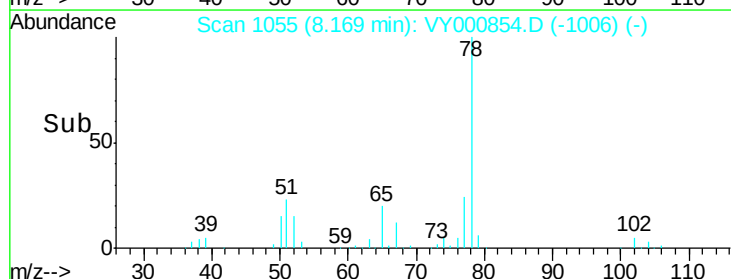
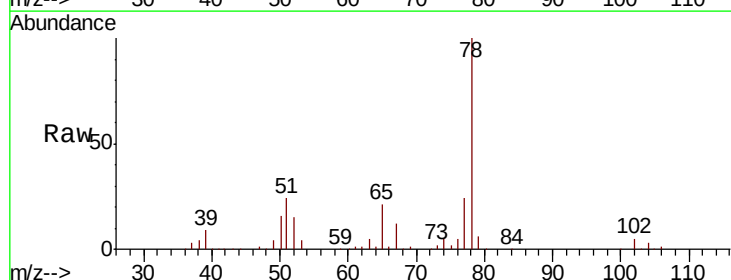
Manual Integrations
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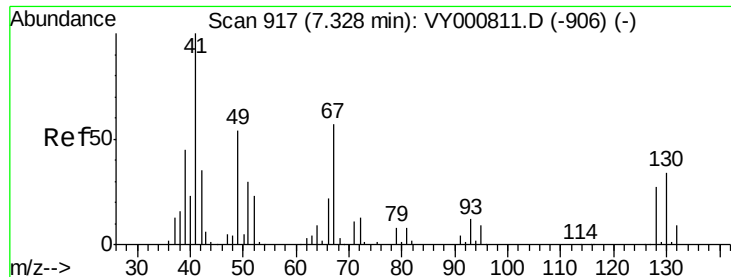
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#40
Benzene
Concen: 20.059 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	78	Resp	303919
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 21.198 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tot Ion:	41	Resp:	33555
Ion	Ratio	Lower	Upper
41	100		
39	104.9	95.7	143.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :

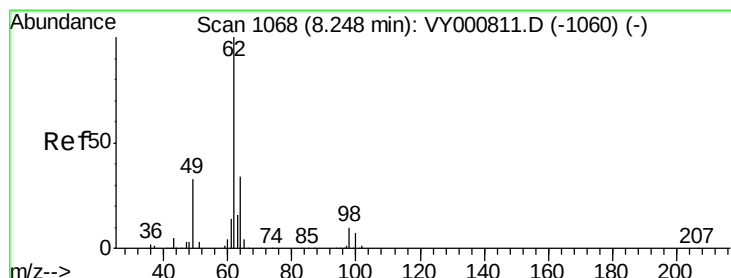
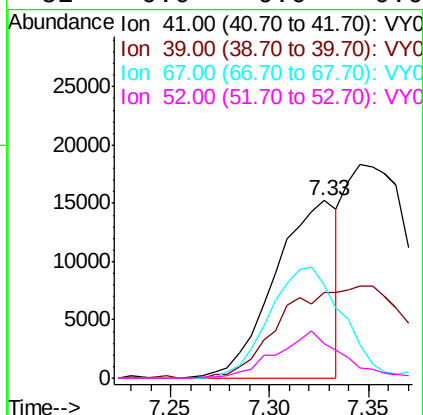
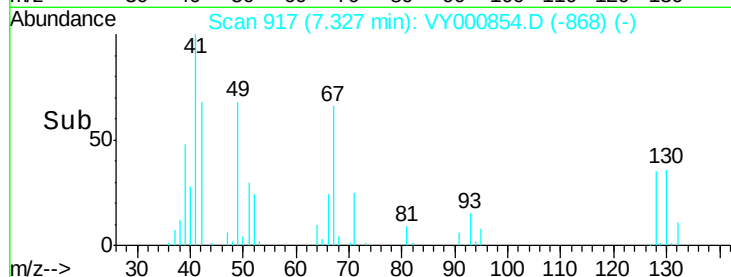
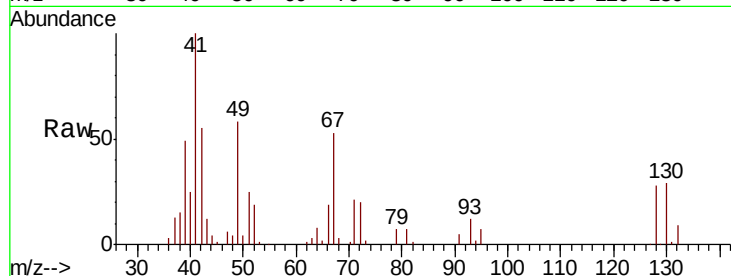
MSVOA_Y

ClientSampleId :

VY1204SBS01

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#42

1,2-Dichloroethane

Concen: 20.476 ug/l

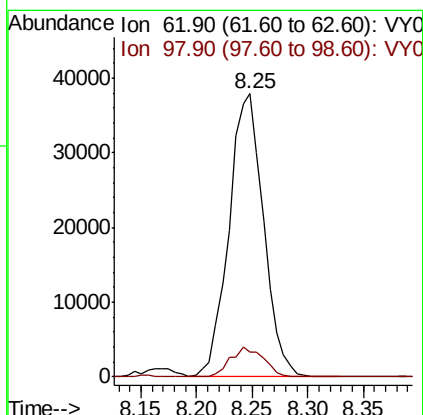
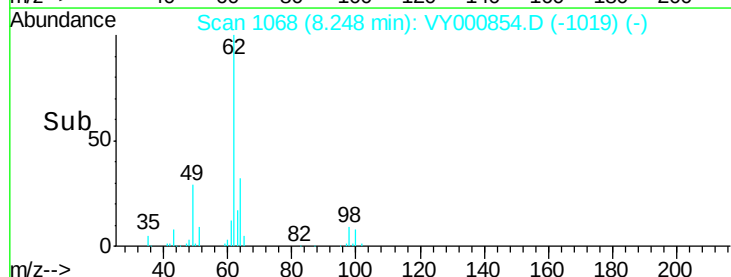
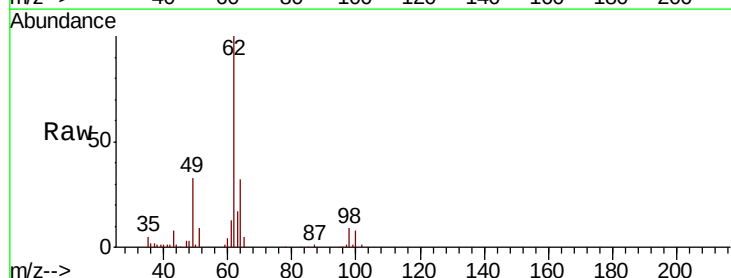
RT: 8.25 min Scan# 1068

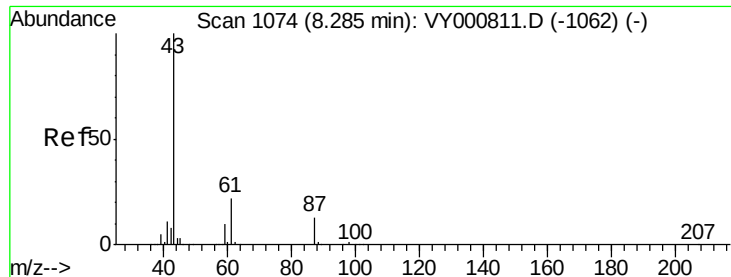
Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion:	62	Resp:	81589
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.4





#43

Isopropyl Acetate

Concen: 19.007 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

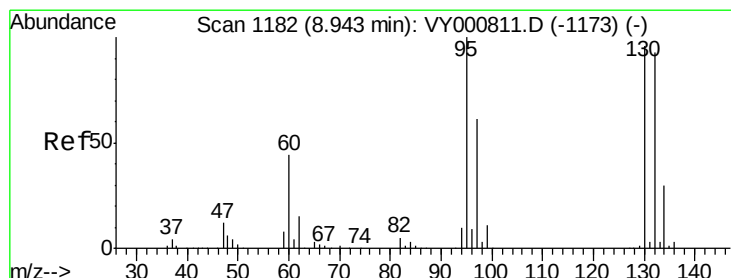
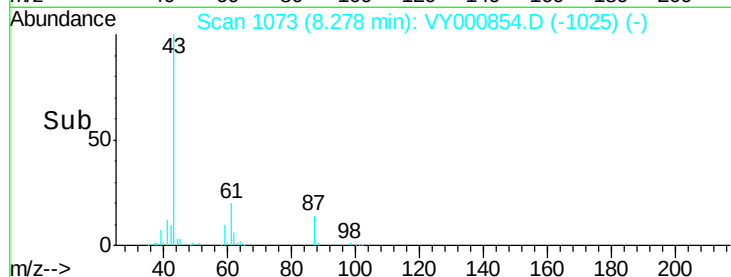
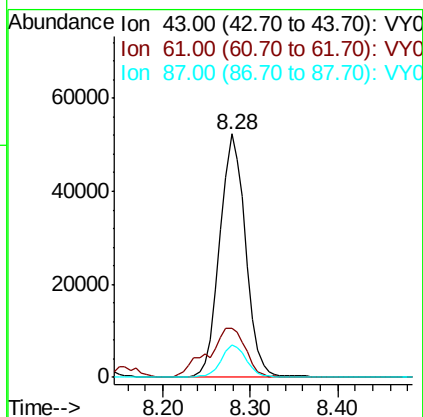
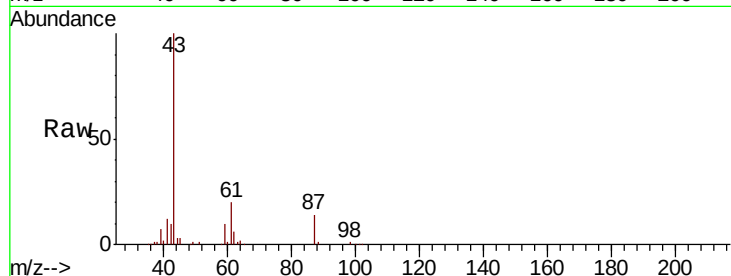
ClientSampleId :

VY1204SBS01

Tot Ion:	43	Resp:	107576
Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.7	35.5
87	12.9	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 20.506 ug/l

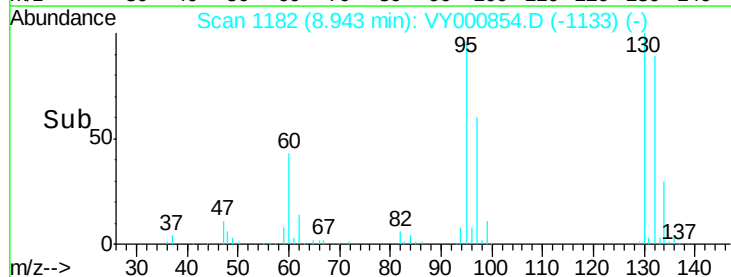
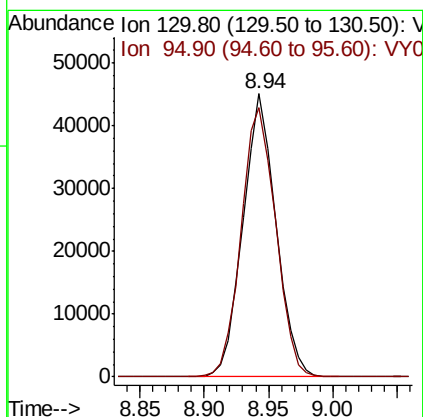
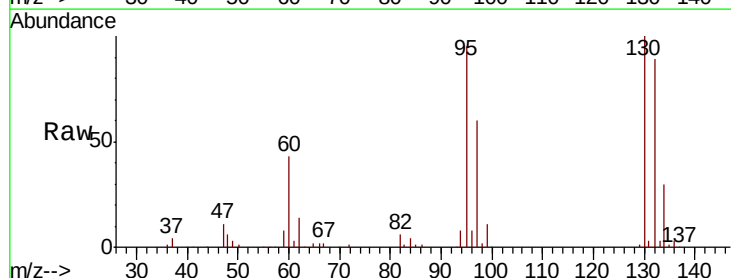
RT: 8.94 min Scan# 1182

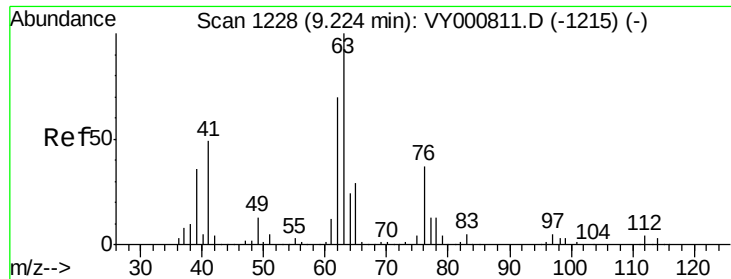
Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion:	130	Resp:	79846
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	207.8





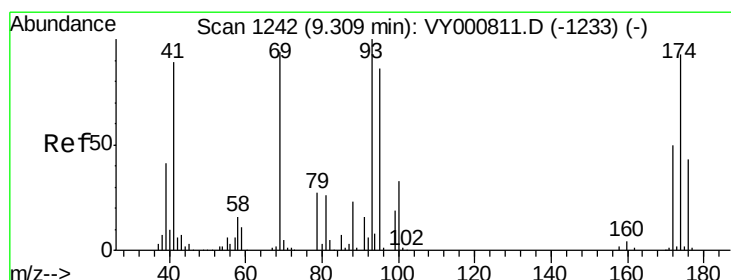
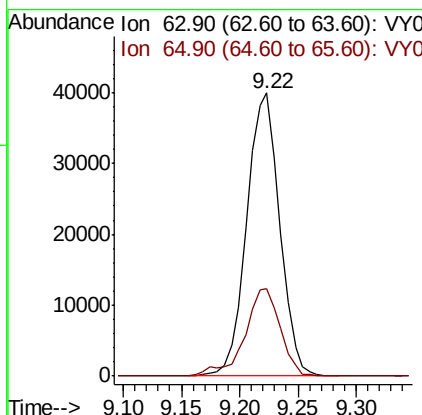
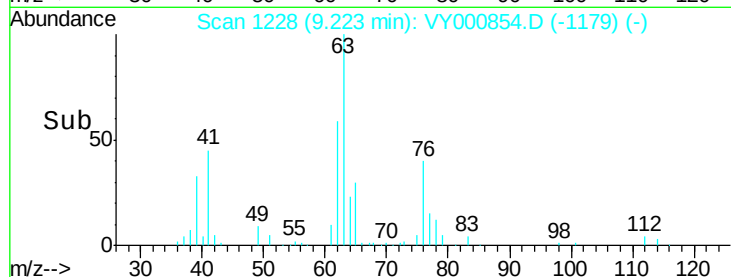
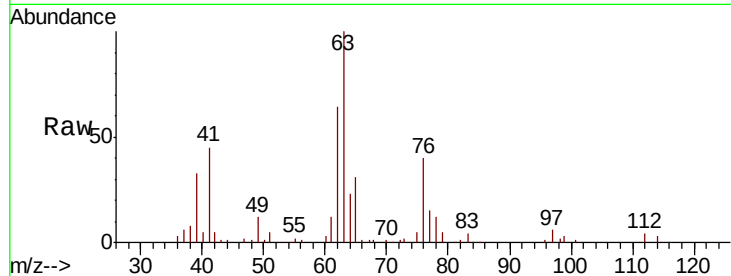
#45
 1,2-Dichloropropane
 Concen: 20.682 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion: 63 Resp: 78709
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.2 34.8

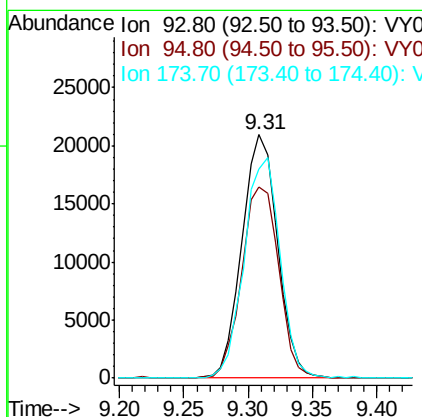
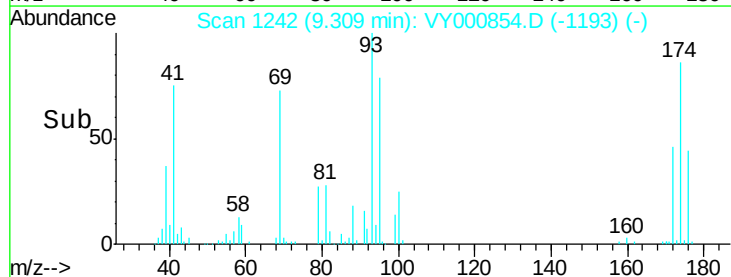
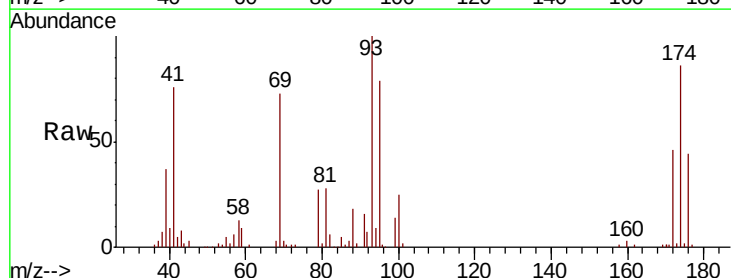
Manual Integrations
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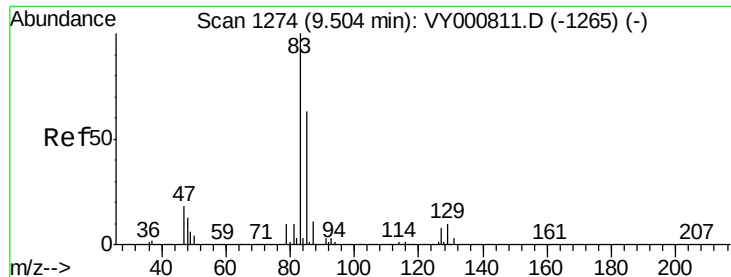
apatel
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#46
 Dibromomethane
 Concen: 20.179 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion: 93 Resp: 40125
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.4 99.6
 174 90.8 73.0 109.6





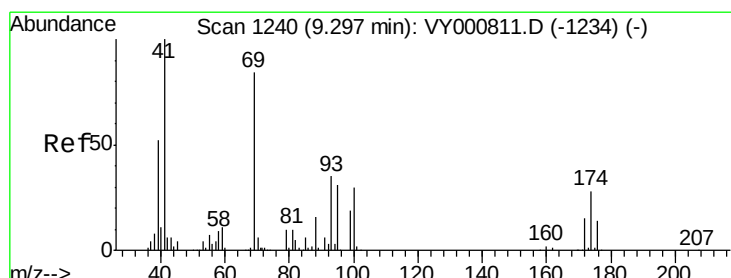
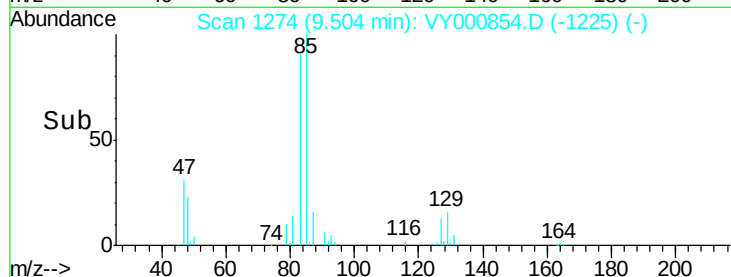
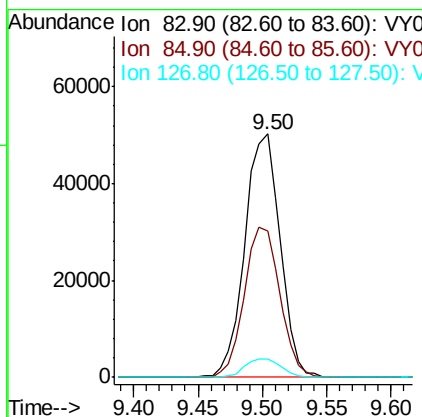
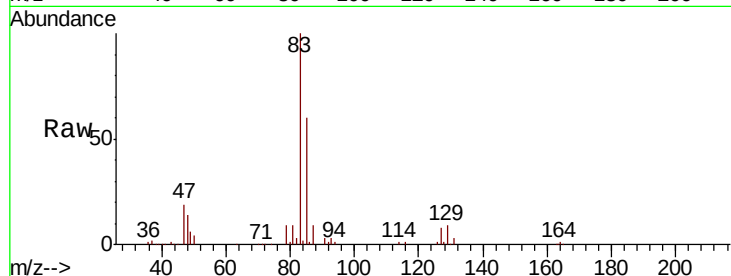
#47
Bromodichloromethane
Concen: 20.328 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	59.9	50.8	76.2
127	7.8	6.6	10.0

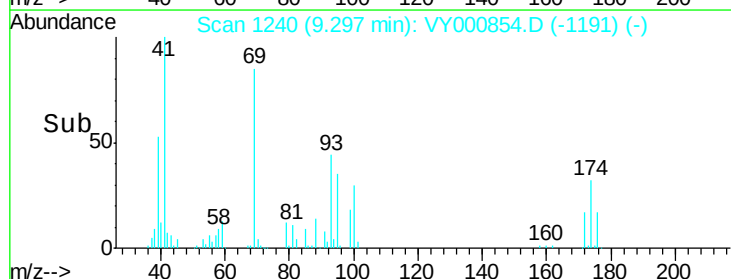
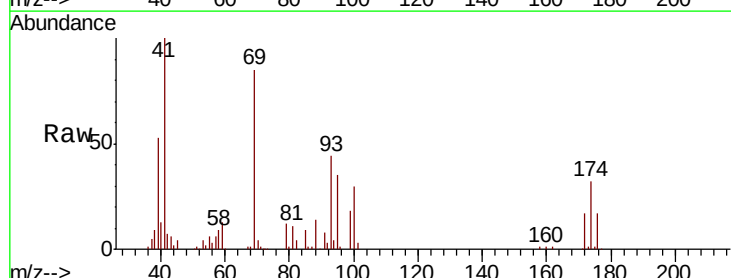
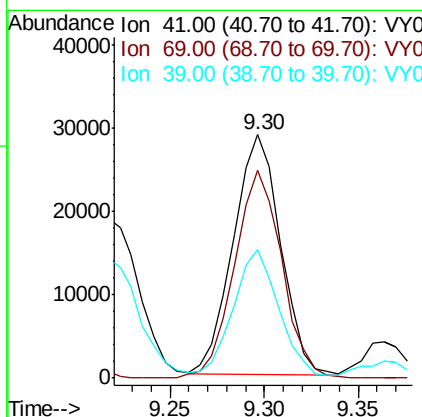
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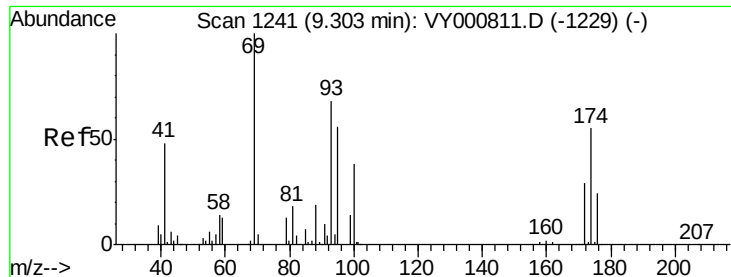
apatel
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#48
Methyl methacrylate
Concen: 20.178 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.6	70.4	105.6
39	49.3	40.9	61.3





#49

1,4-Dioxane

Concen: 400.575 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 88 Resp: 11286

Ion Ratio Lower Upper

88 100

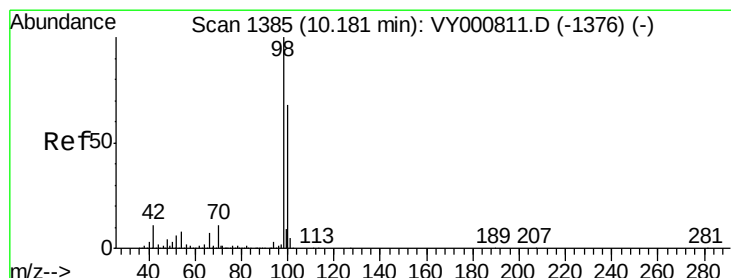
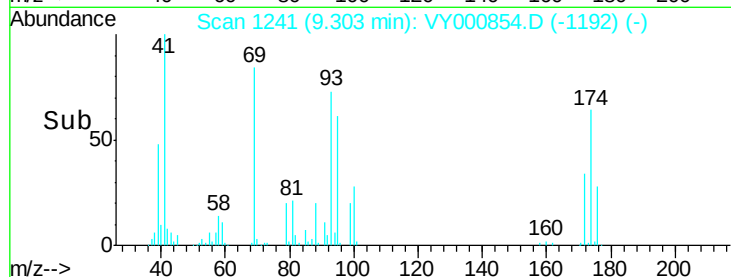
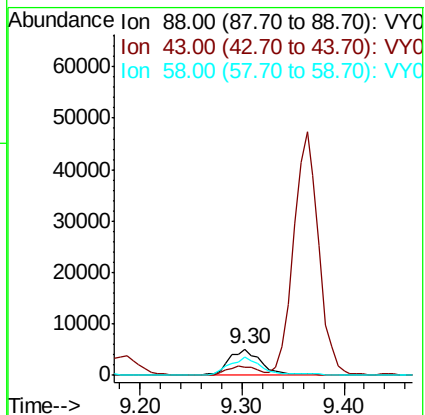
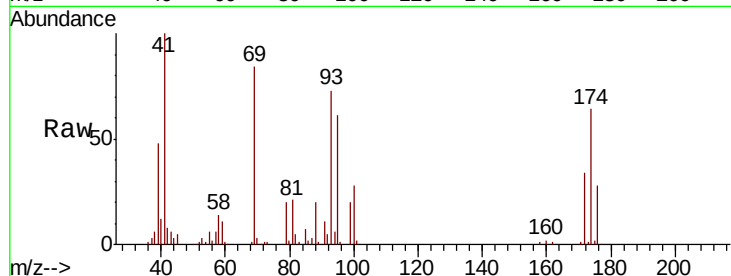
43 34.1 21.1 31.7#

58 72.1 50.7 76.1

Manual Integrations
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#50

Toluene-d8

Concen: 50.912 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000854.D

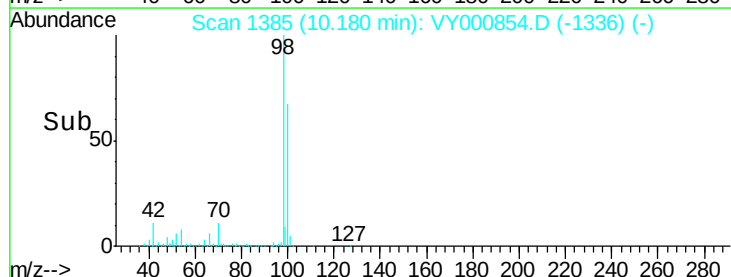
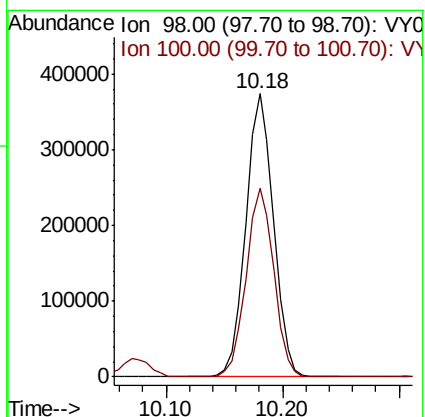
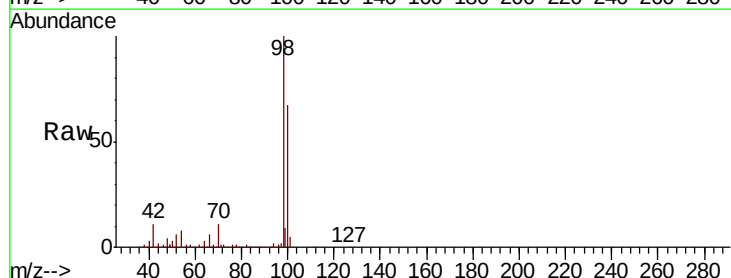
Acq: 04 Dec 2019 11:44

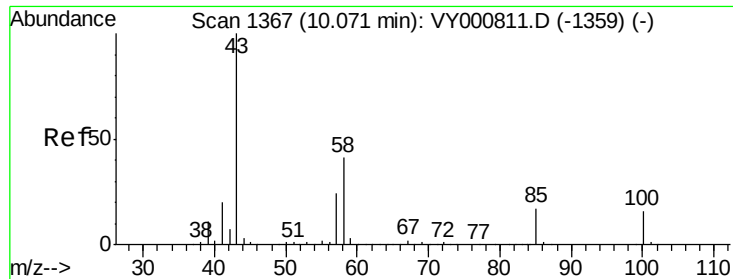
Tgt Ion: 98 Resp: 620559

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 99.643 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 43 Resp: 291387

Ion Ratio Lower Upper

43 100

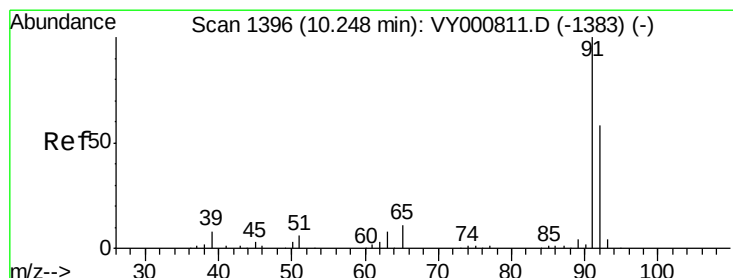
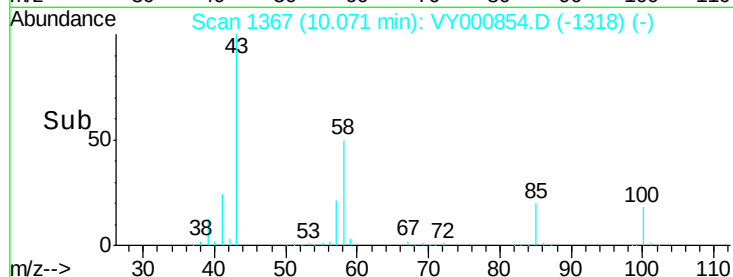
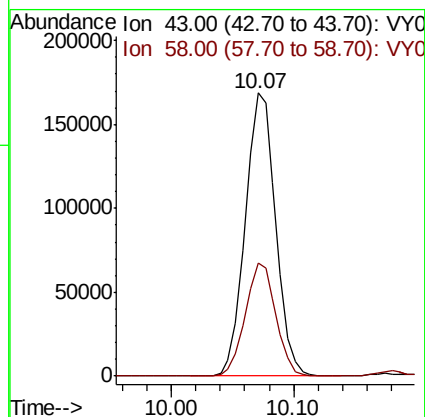
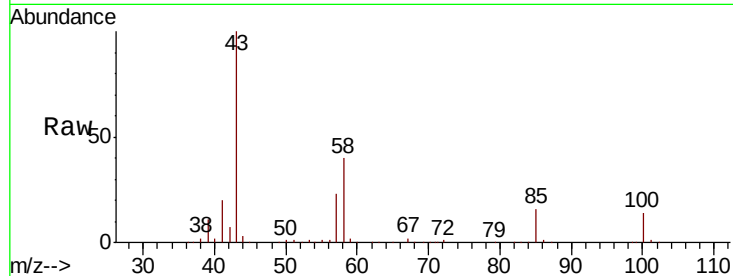
58 40.3 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 20.404 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000854.D

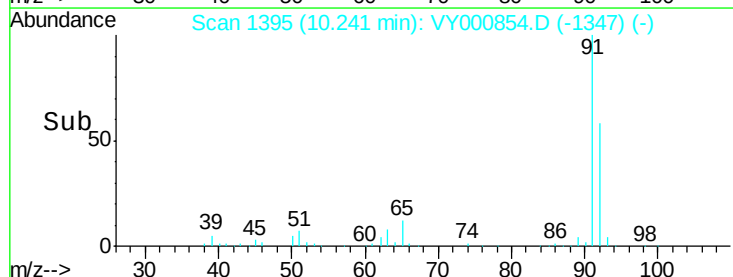
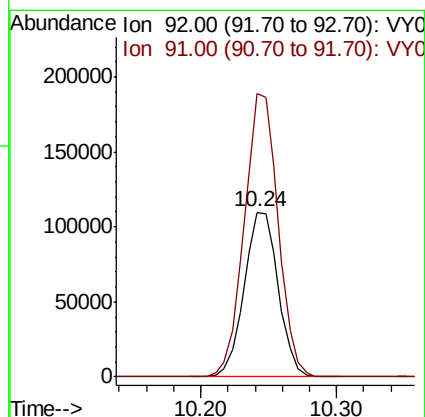
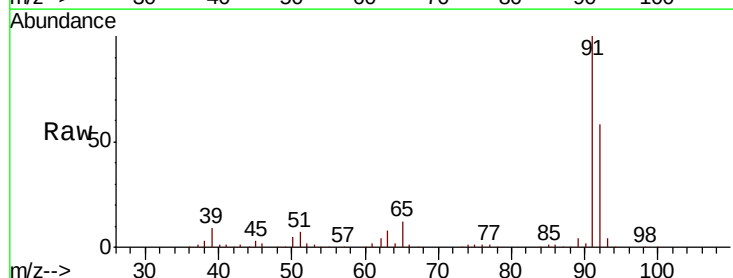
Acq: 04 Dec 2019 11:44

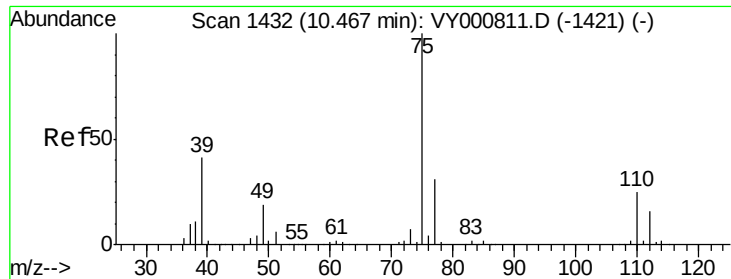
Tgt Ion: 92 Resp: 191404

Ion Ratio Lower Upper

92 100

91 171.5 136.6 204.8





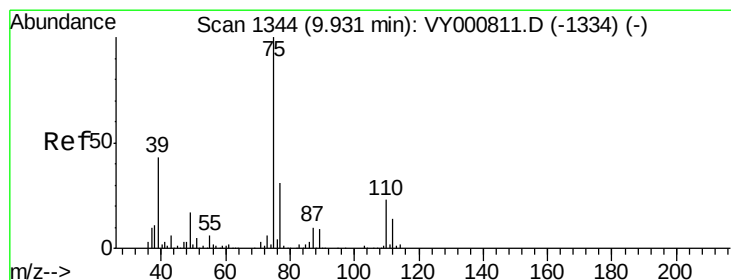
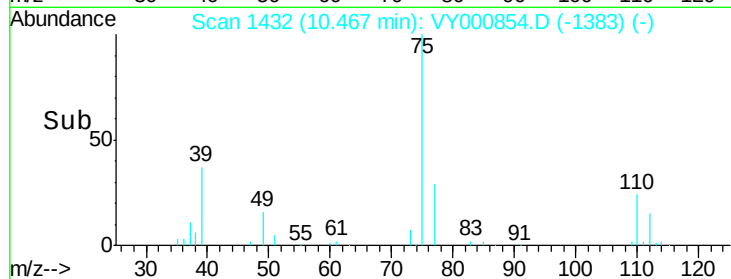
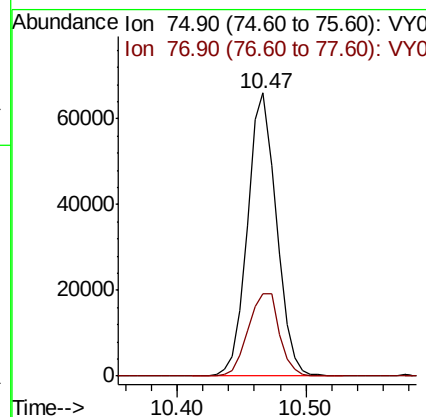
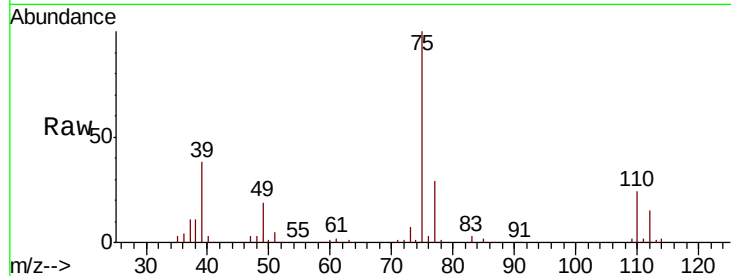
#53
t-1,3-Dichloropropene
Concen: 20.355 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.1	25.1	37.7

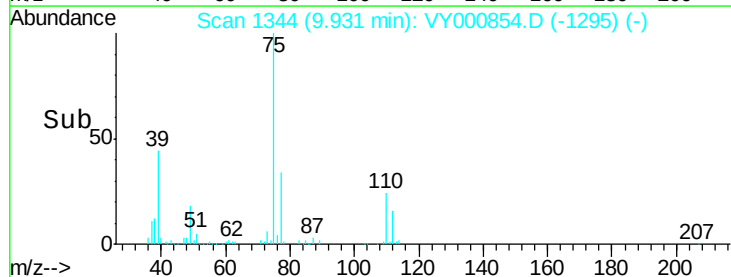
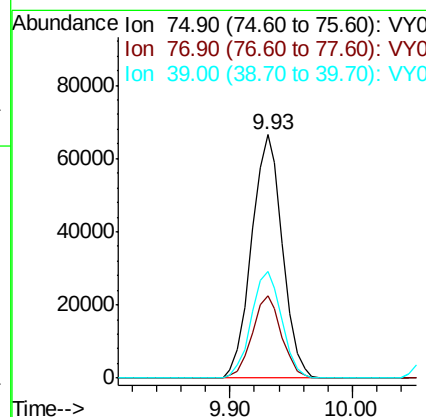
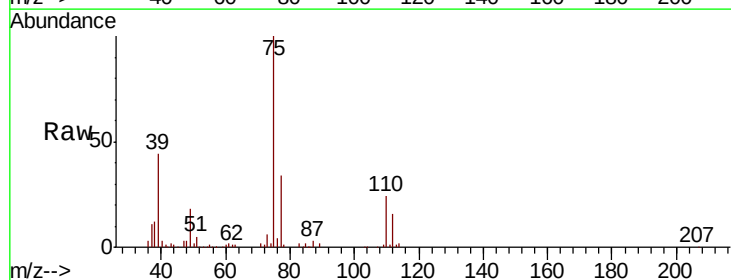
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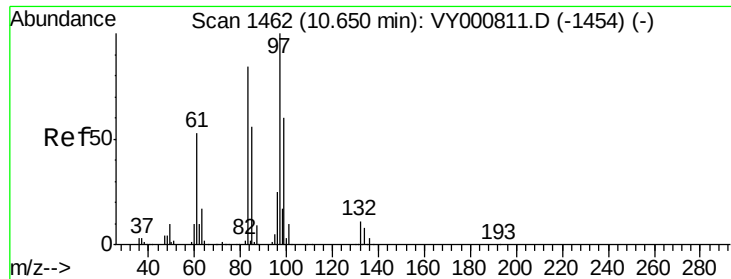
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#54
cis-1,3-Dichloropropene
Concen: 19.593 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.0	24.7	37.1
39	43.7	34.5	51.7





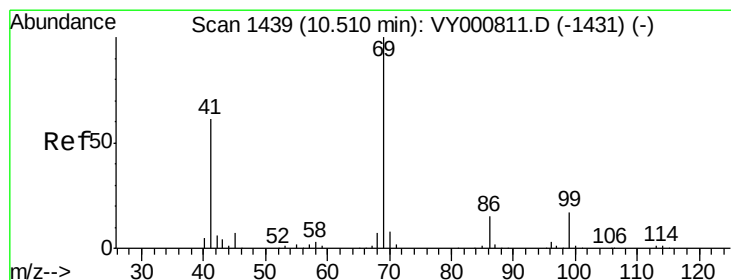
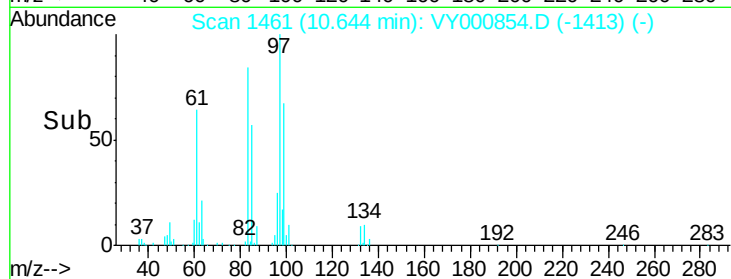
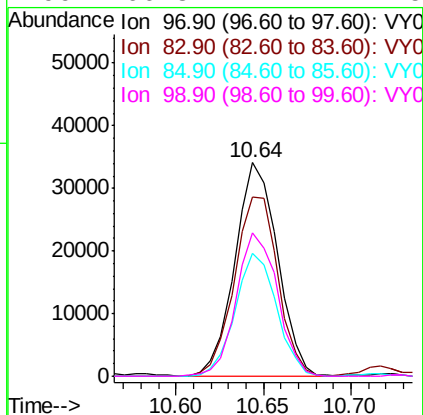
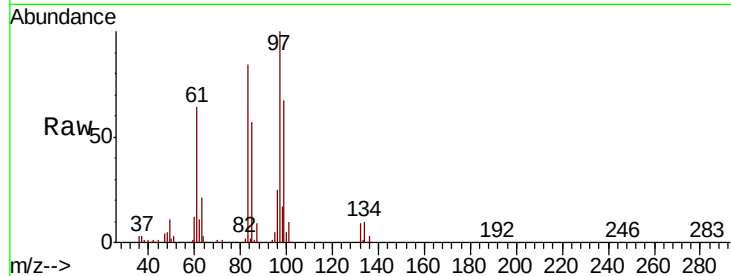
#55
 1,1,2-Trichloroethane
 Concen: 19.786 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion:	97	Resp:	58128
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.5	101.3
85	57.3	44.5	66.7
99	66.8	47.7	71.5

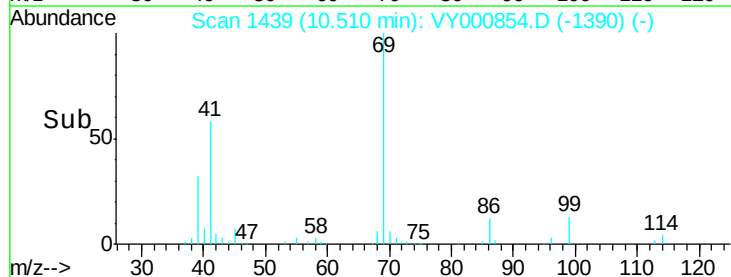
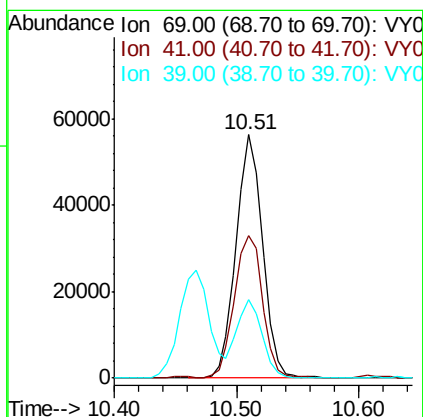
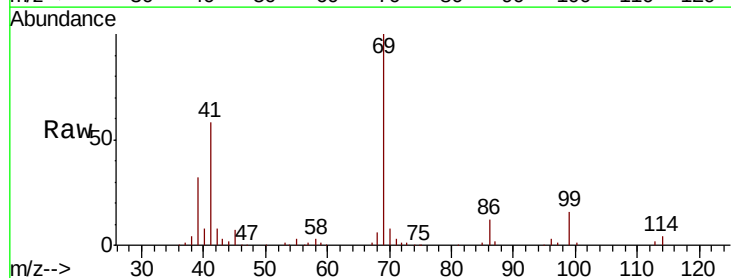
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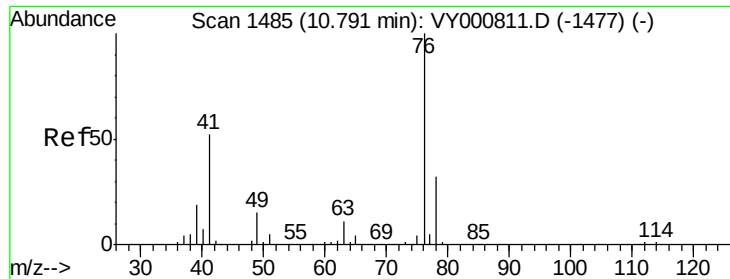
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#56
 Ethyl methacrylate
 Concen: 20.140 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion:	69	Resp:	84640
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.0	73.6
39	30.6	23.1	34.7





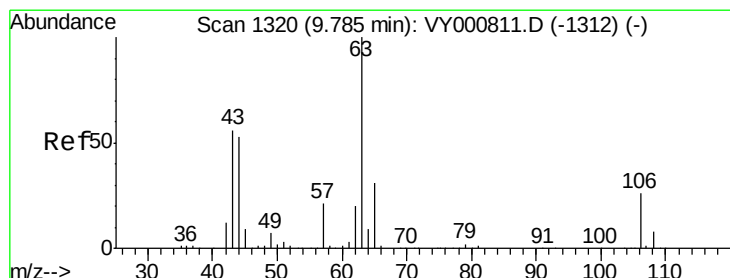
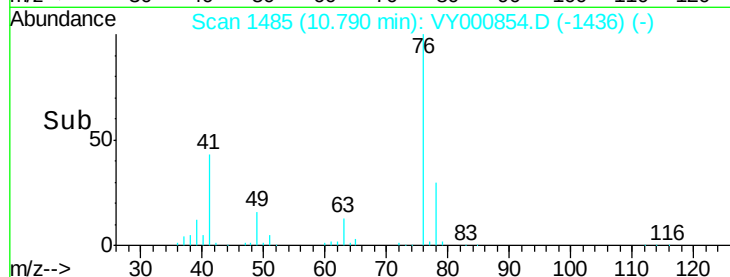
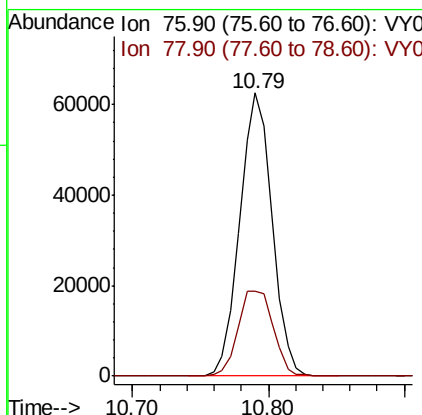
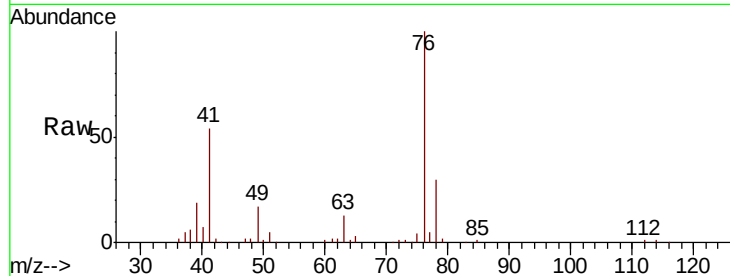
#57
 1,3-Dichloropropane
 Concen: 20.270 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion: 76 Resp: 103789
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6

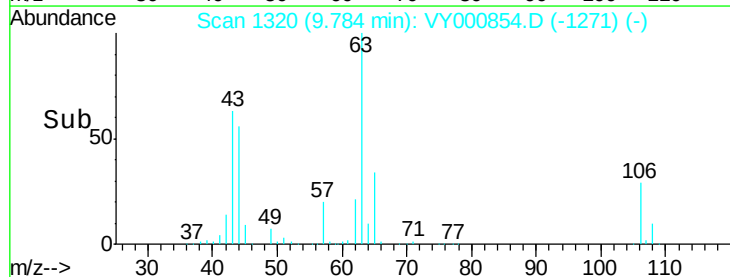
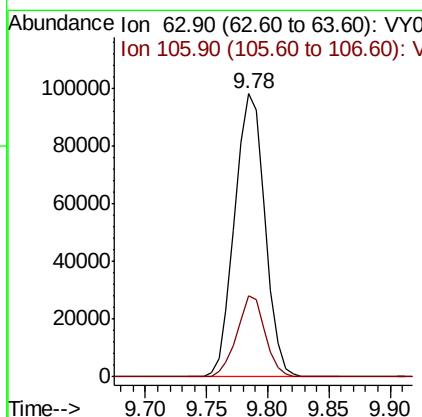
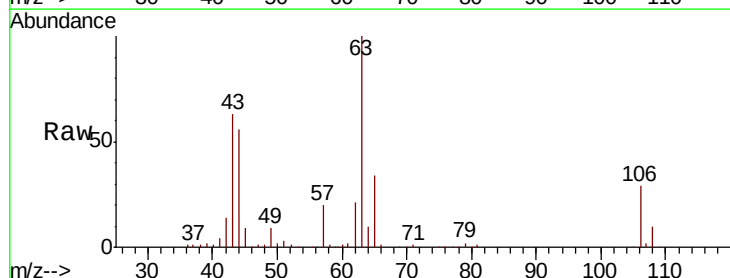
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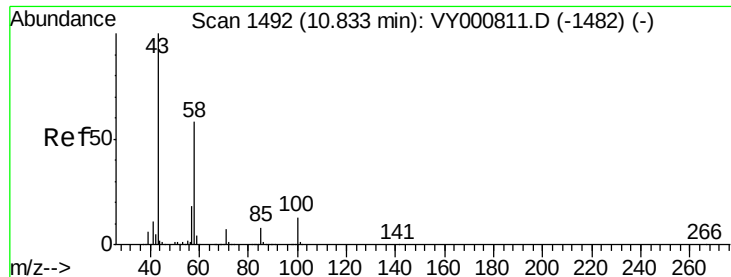
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.109 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion: 63 Resp: 167943
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.5 32.3





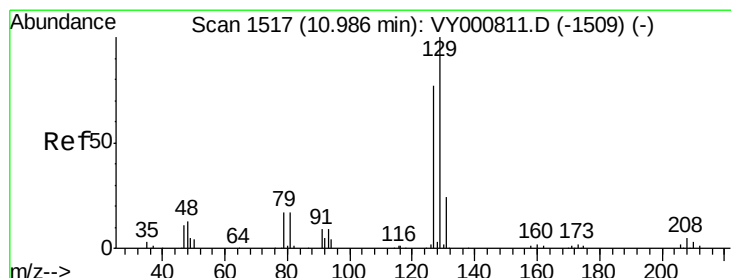
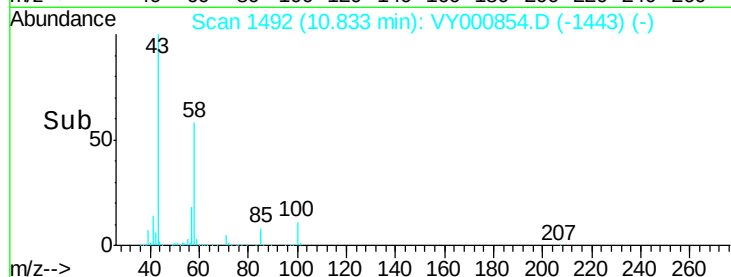
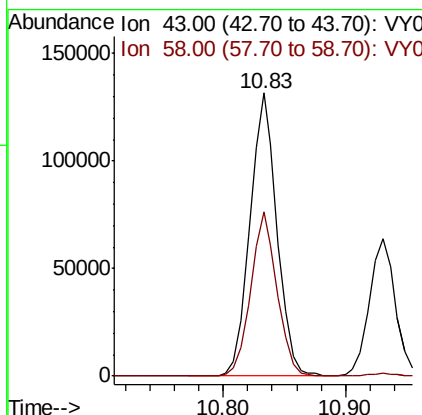
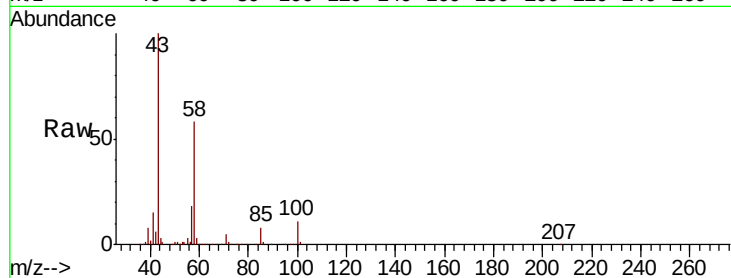
#59
2-Hexanone
Concen: 94.641 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.5	29.0	87.1

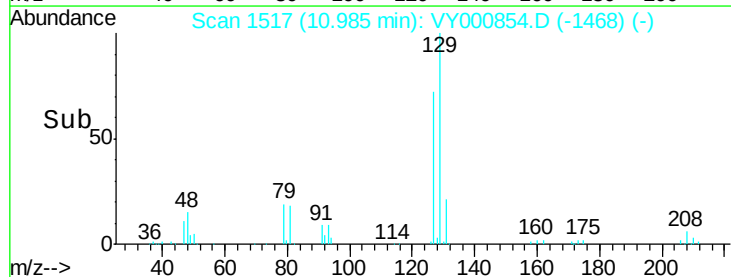
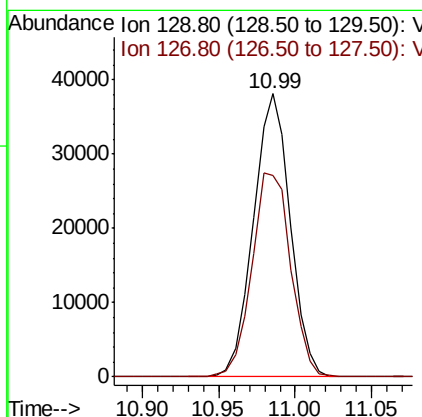
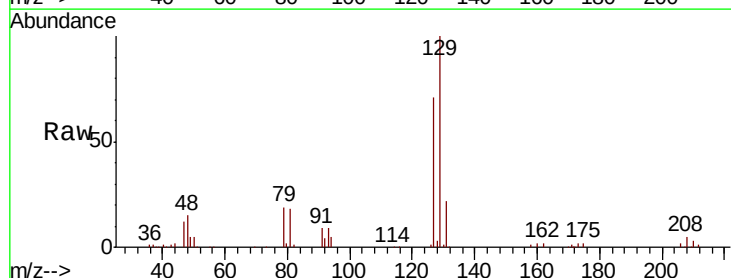
Manual Integrations
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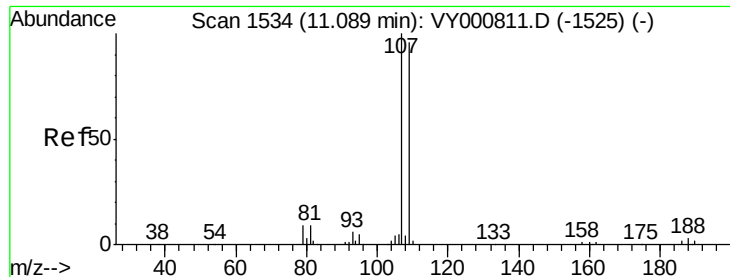
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#60
Dibromochloromethane
Concen: 20.143 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.1	117.2





#61

1,2-Dibromoethane

Concen: 20.013 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion:107 Resp: 55409

Ion Ratio Lower Upper

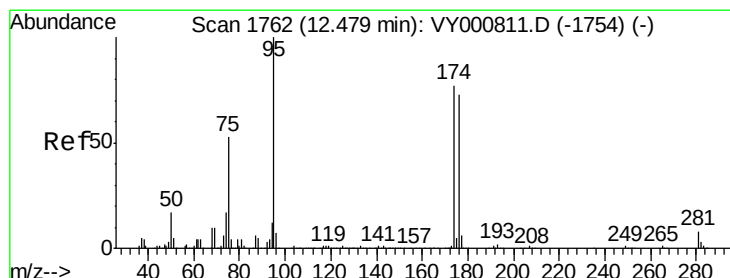
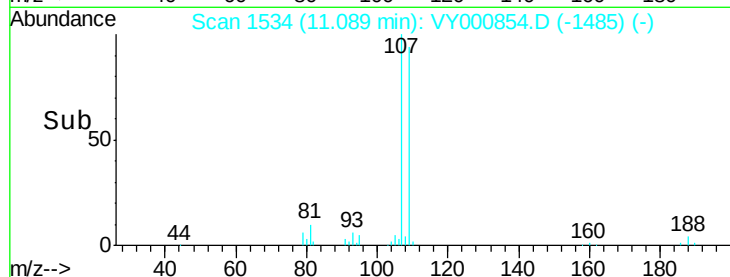
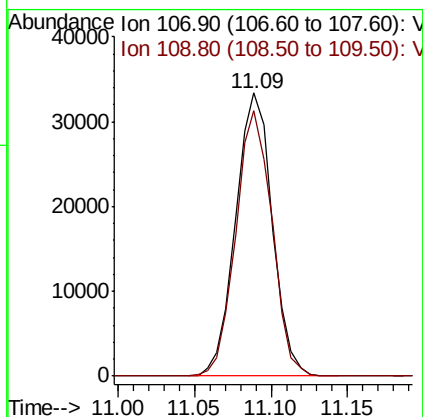
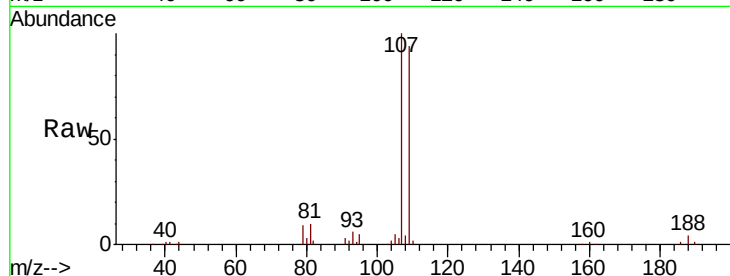
107 100

109 92.6 75.9 113.9

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#62

4-Bromofluorobenzene

Concen: 46.485 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

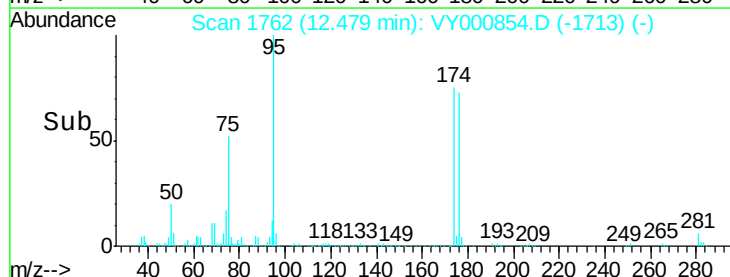
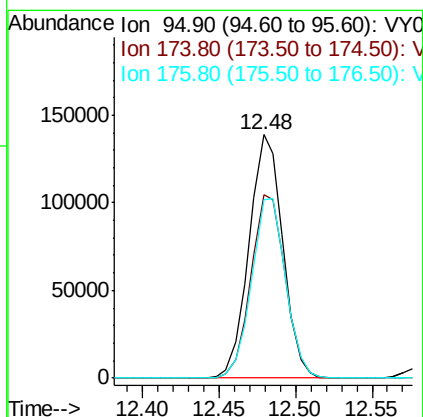
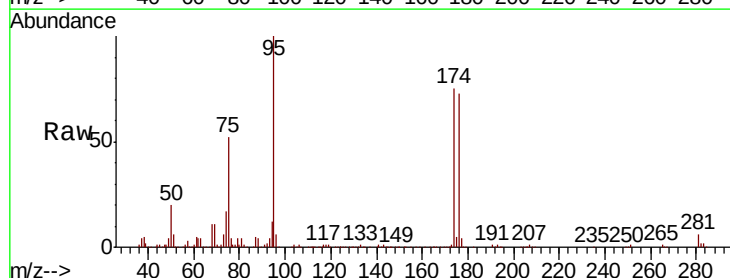
Tgt Ion: 95 Resp: 212790

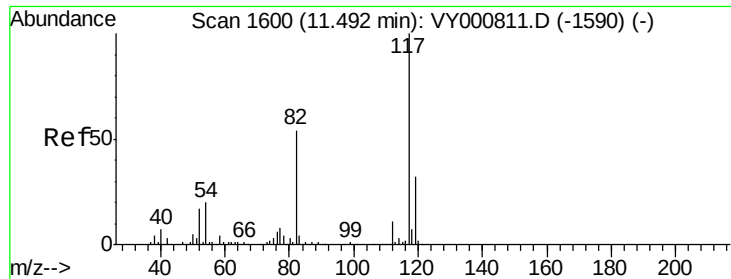
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.6

176 74.8 0.0 145.2





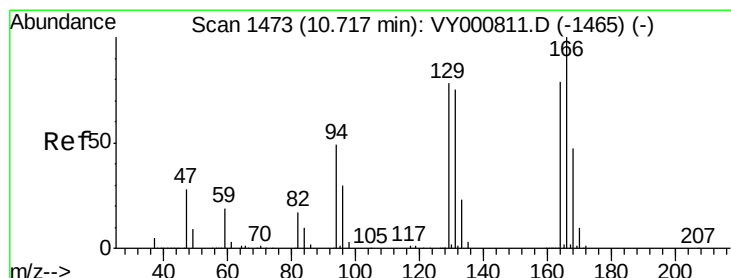
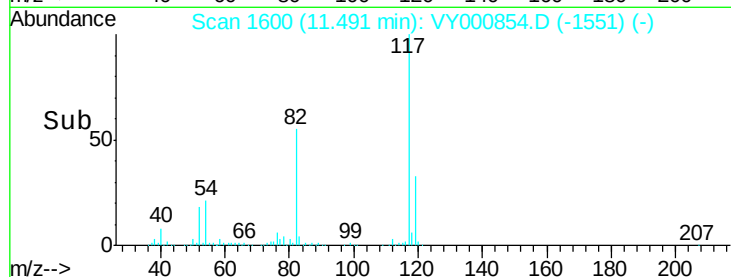
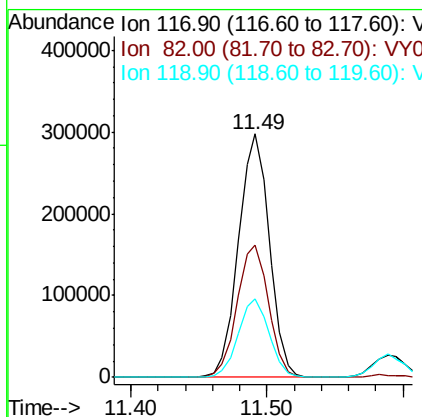
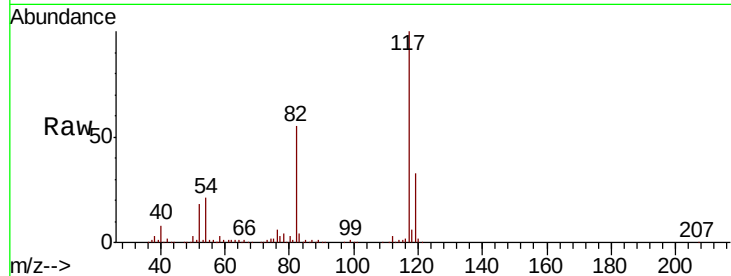
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.1	64.7
119	32.5	25.3	37.9

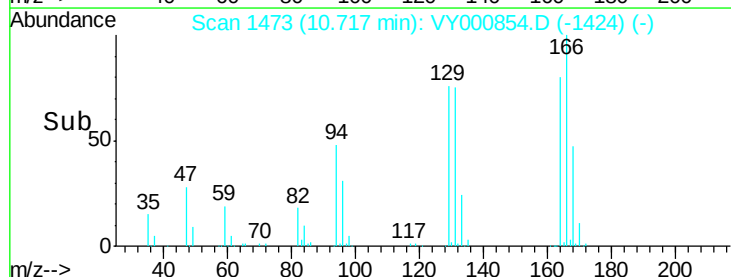
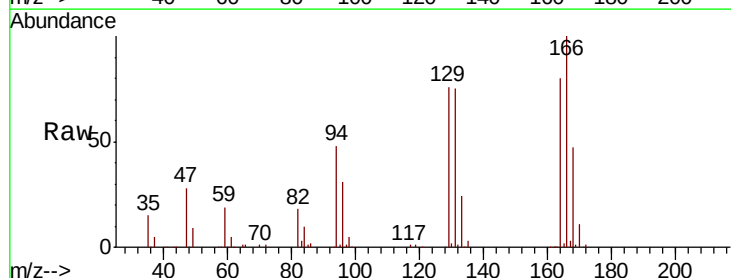
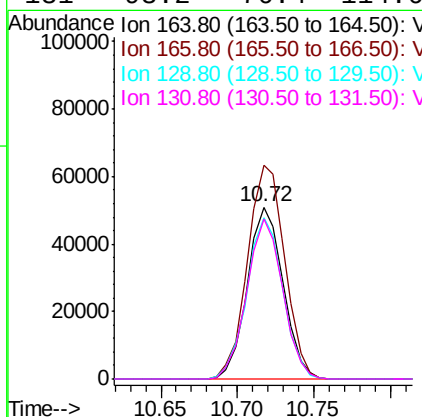
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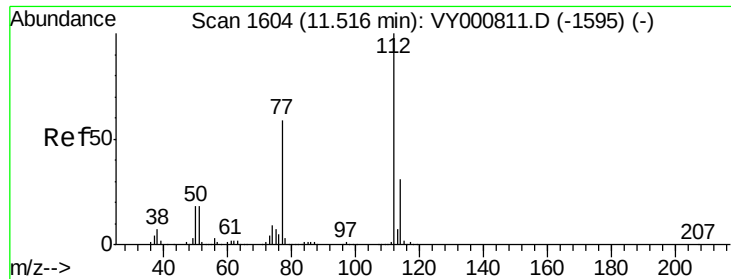
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#64
Tetrachloroethene
Concen: 20.247 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.8	152.8
129	94.0	79.3	118.9
131	93.2	76.4	114.6





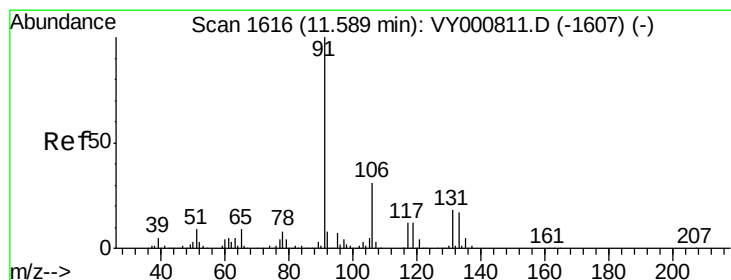
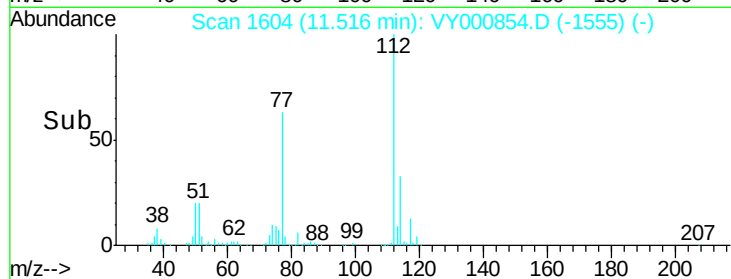
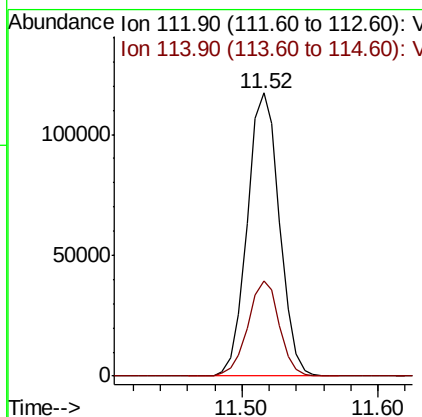
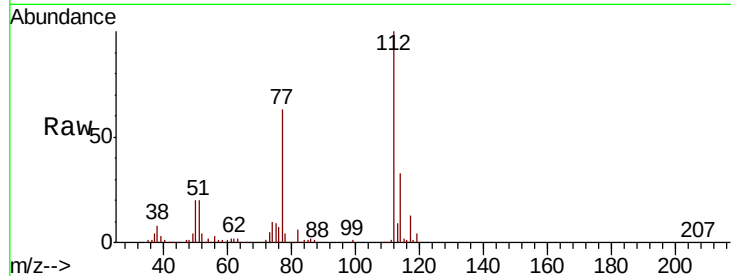
#65
Chlorobenzene
Concen: 19.788 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	194041		
114	33.4	25.1	37.7	

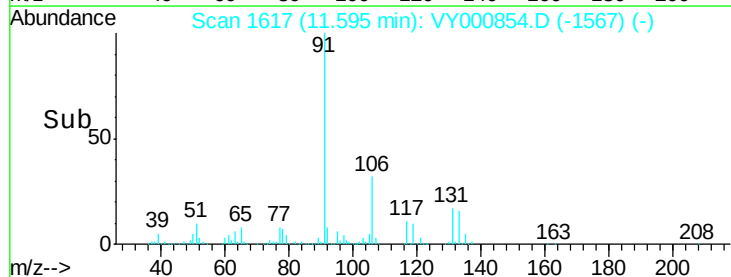
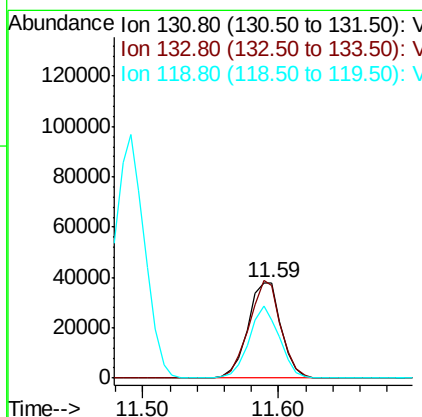
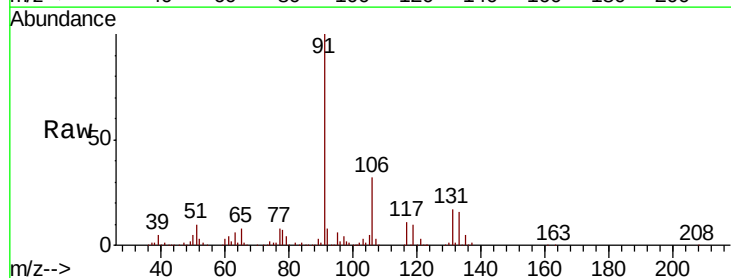
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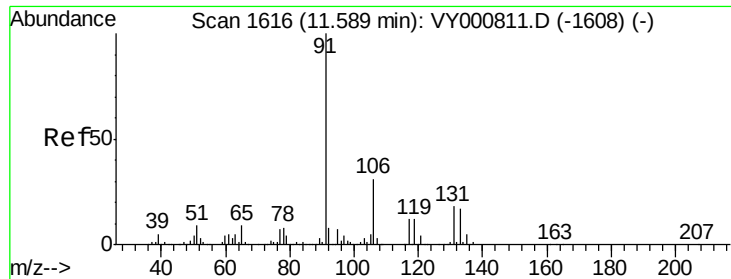
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.635 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	64886		
133	97.2	47.4	142.2	
119	69.1	33.8	101.3	





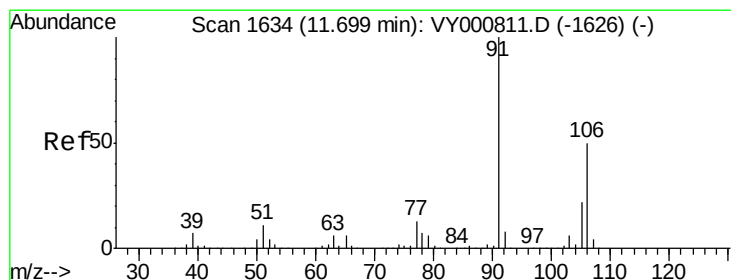
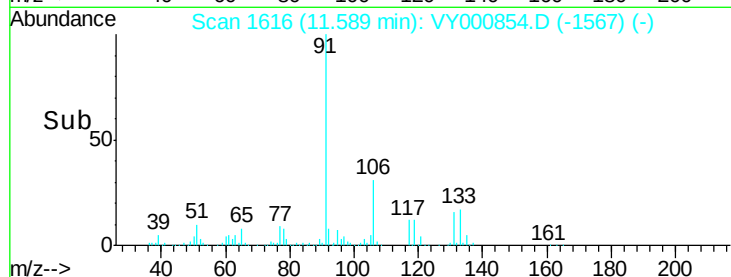
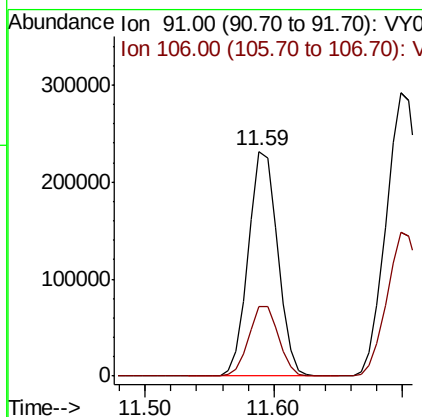
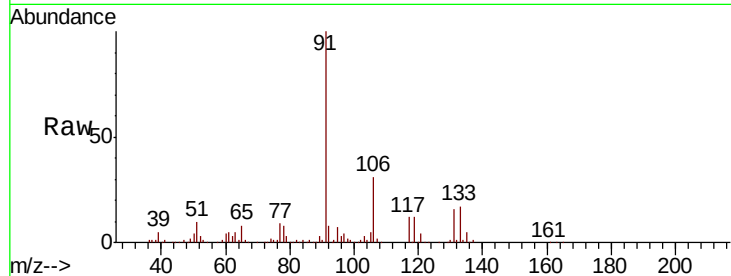
#67
Ethyl Benzene
Concen: 19.824 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion: 91 Resp: 362038
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

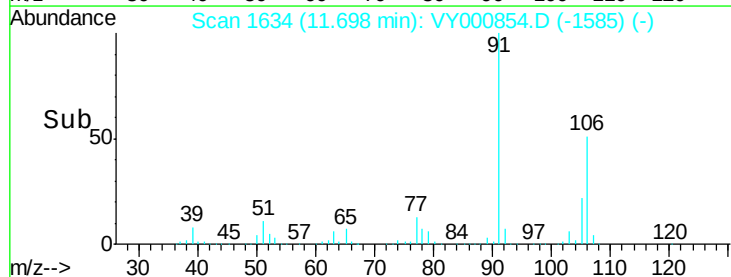
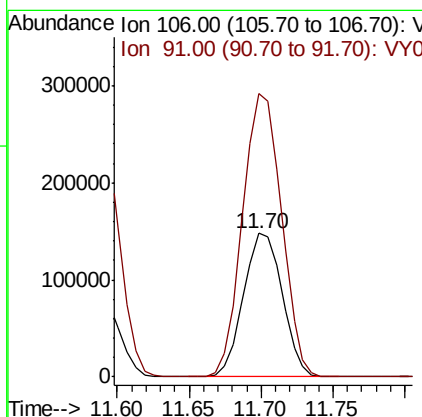
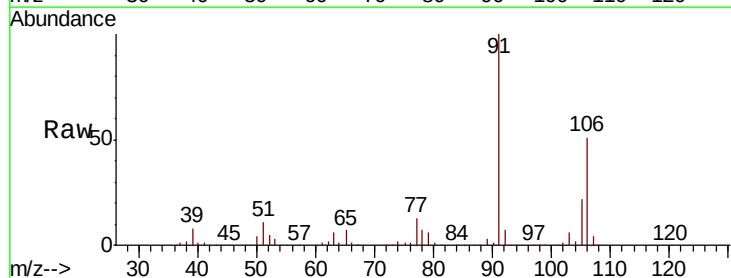
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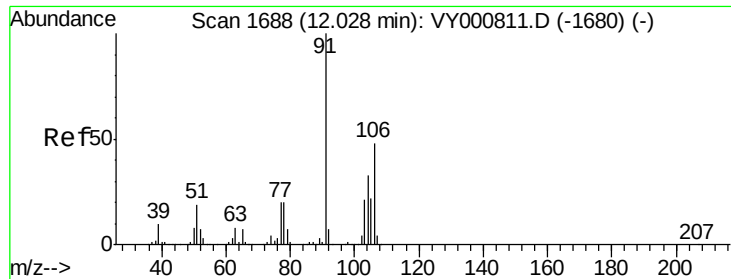
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#68
m/p-Xylenes
Concen: 40.404 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 106 Resp: 276956
Ion Ratio Lower Upper
106 100
91 198.0 159.6 239.4





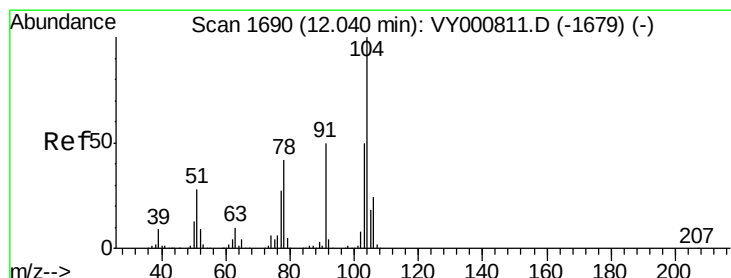
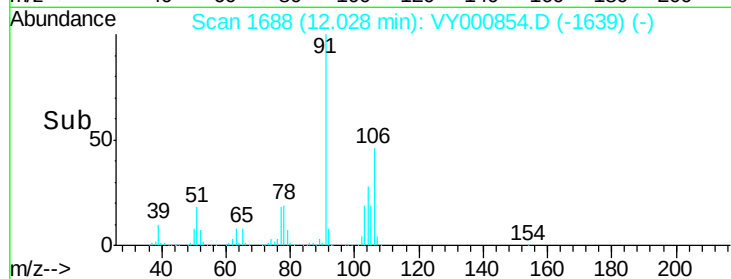
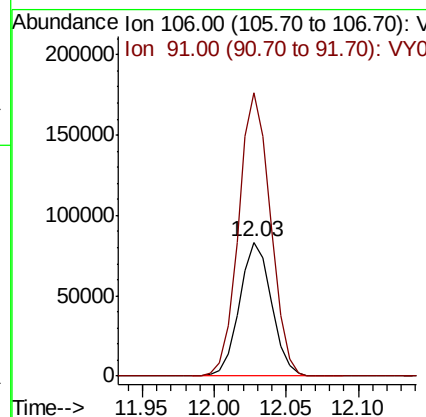
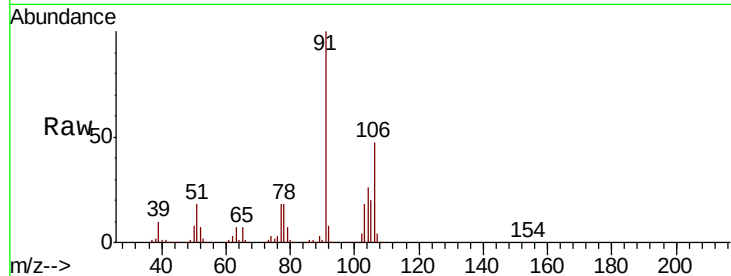
#69
o-Xylene
Concen: 20.066 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	211.3	106.1	318.1

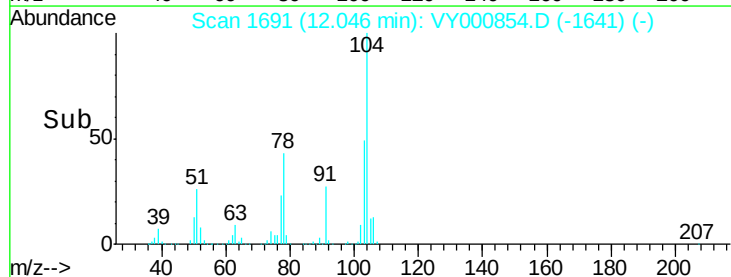
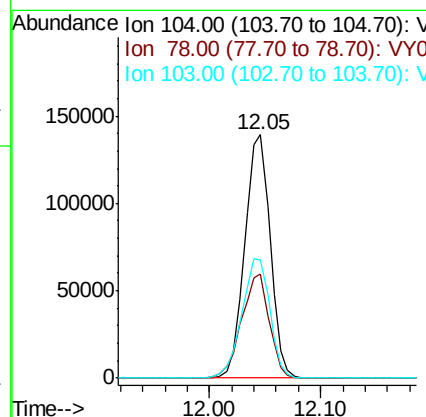
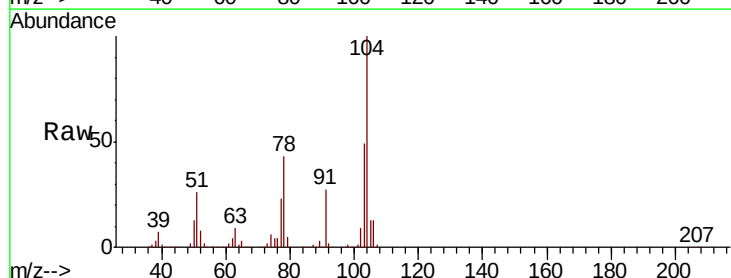
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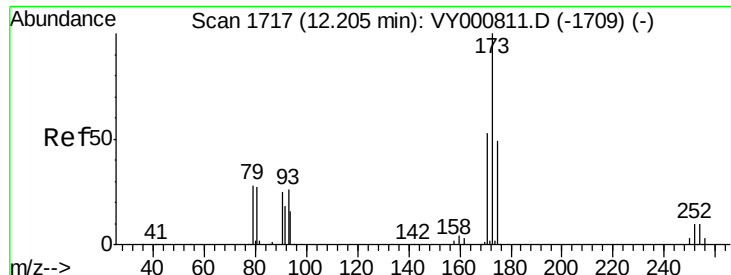
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#70
Styrene
Concen: 20.139 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	46.6	38.2	57.4
103	103	53.9	43.4	65.0





#71

Bromoform

Concen: 20.097 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

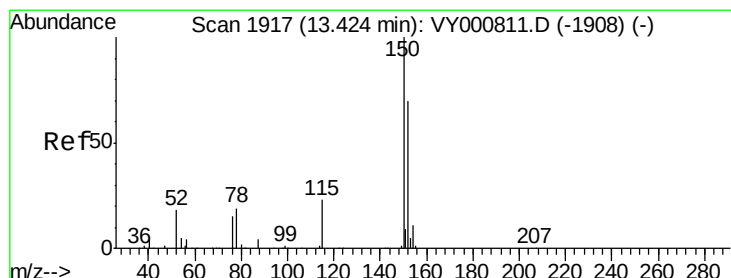
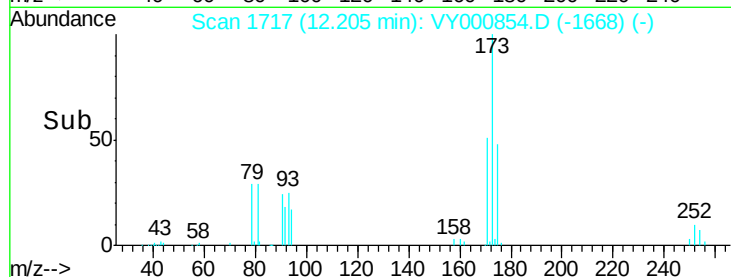
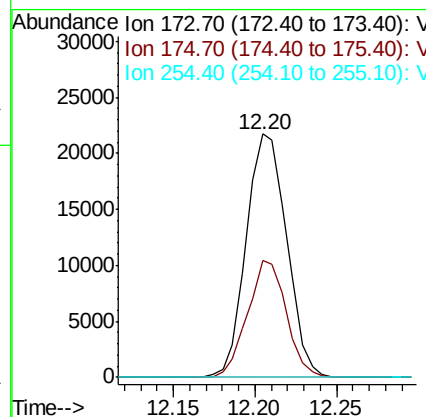
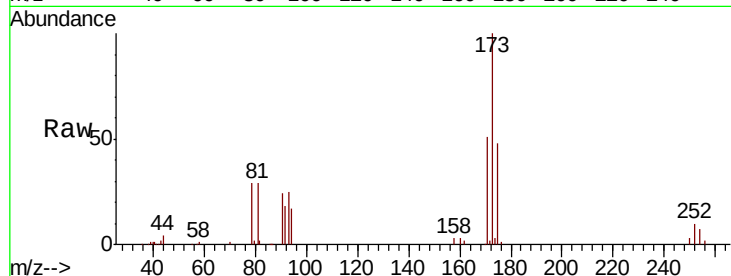
ClientSampleId :

VY1204SBS01

Tot Ion:	173	Resp:	37458
Ion Ratio	Lower	Upper	
173	100		
175	46.0	24.5	73.5
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

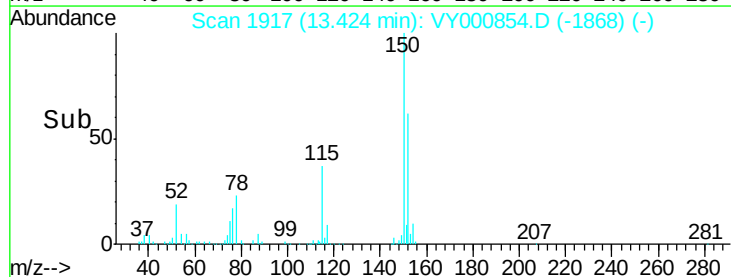
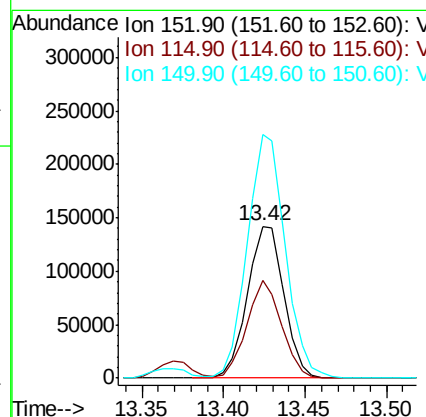
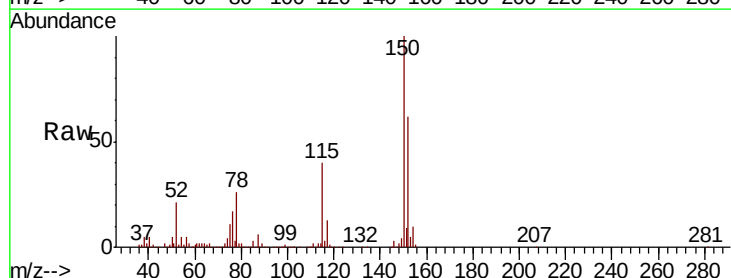
RT: 13.42 min Scan# 1917

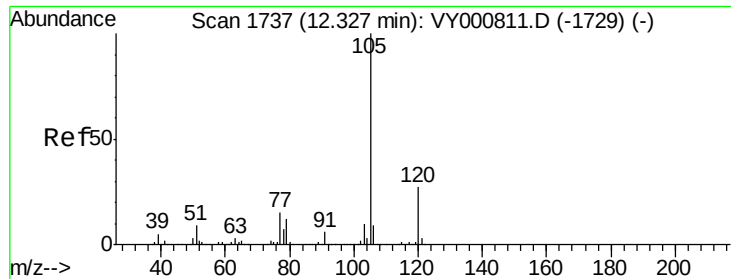
Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion:	152	Resp:	221377
Ion Ratio	Lower	Upper	
152	100		
115	61.0	29.3	87.8
150	167.2	0.0	351.2





#73

Isopropylbenzene

Concen: 19.192 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion:105 Resp: 338285

Ion Ratio Lower Upper

105 100

120 27.0

13.4

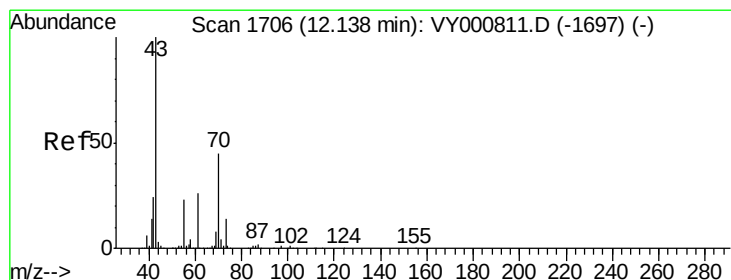
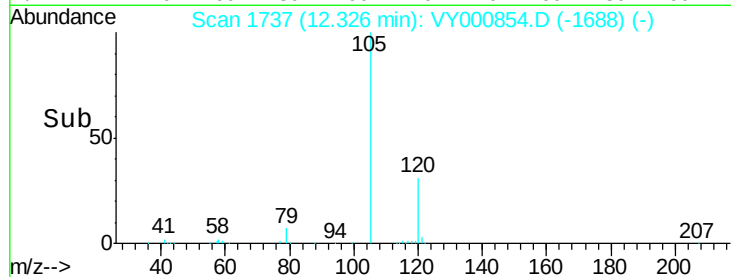
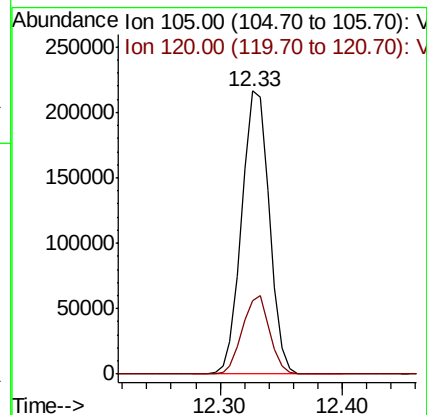
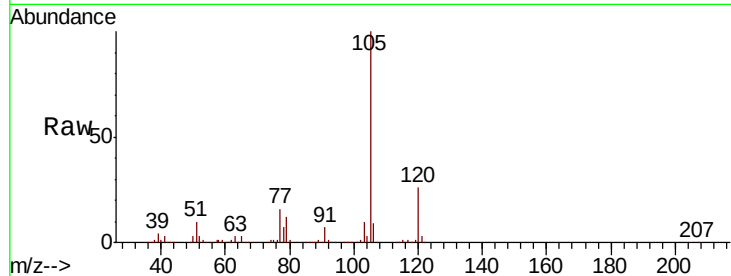
40.2

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#74

N-ethyl acetate

Concen: 18.934 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion: 43 Resp: 92893

Ion Ratio Lower Upper

43 100

70 45.0

36.6

54.8

55 23.8

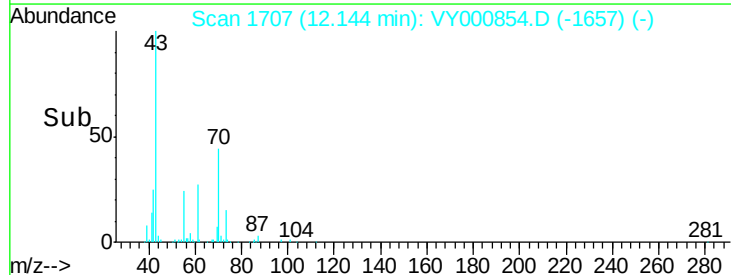
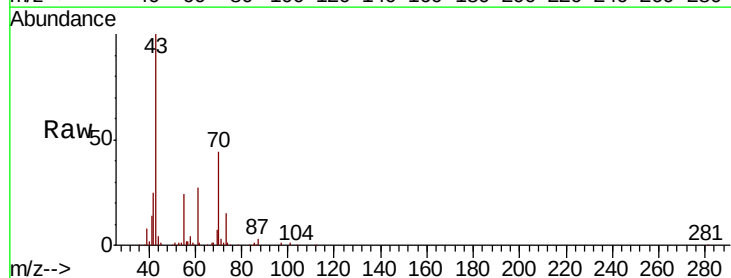
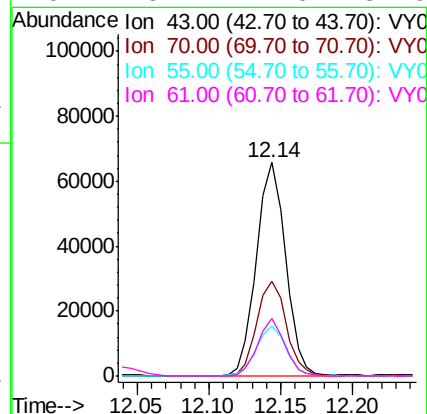
18.8

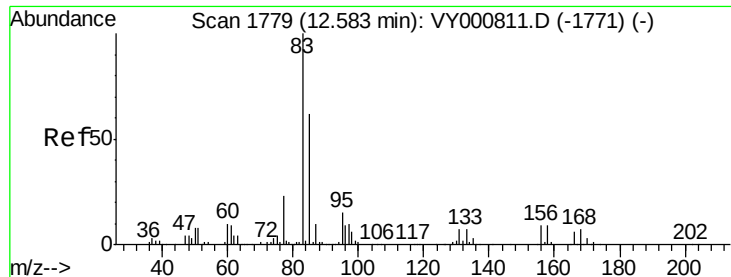
28.2

61 25.1

21.0

31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.095 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

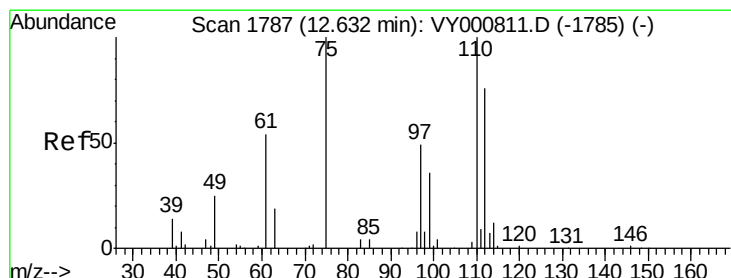
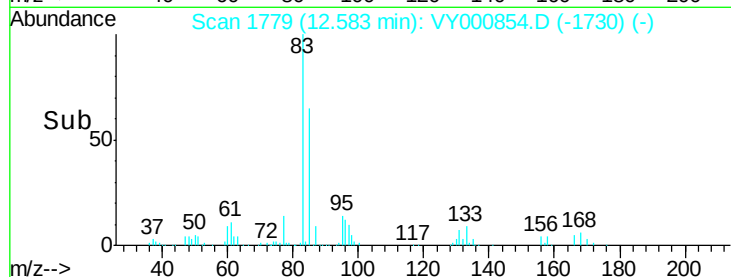
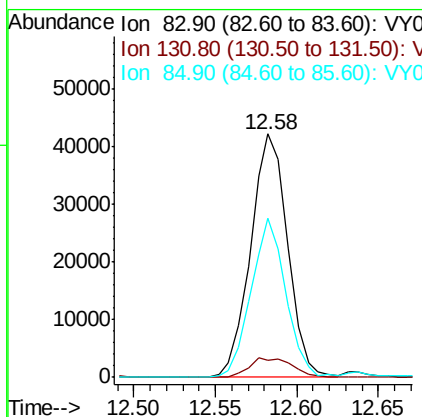
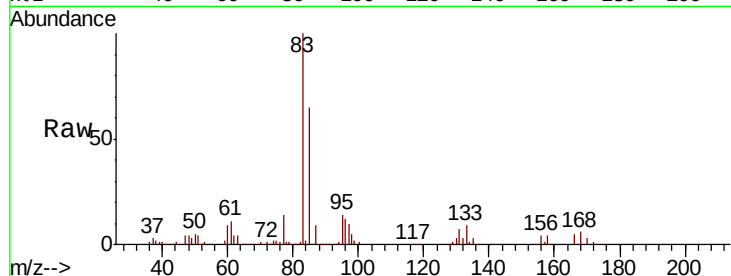
ClientSampleId :

VY1204SBS01

Tot Ion:	83	Resp:	66319
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.3	13.1
85	61.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 20.558 ug/l m

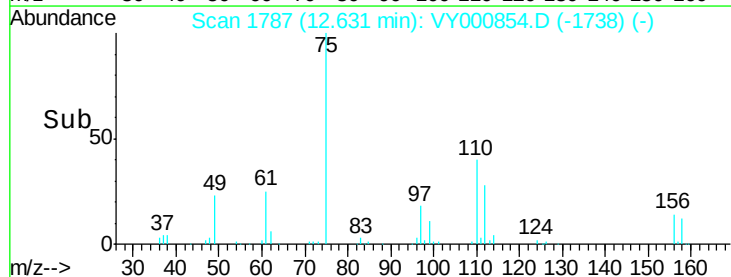
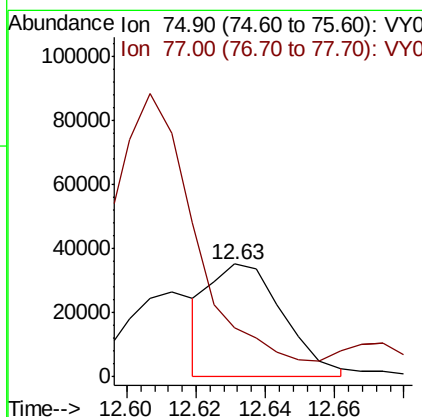
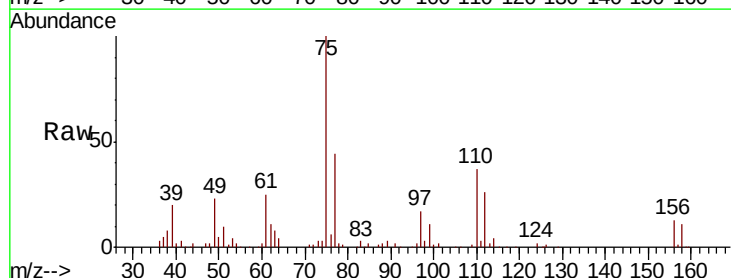
RT: 12.63 min Scan# 1787

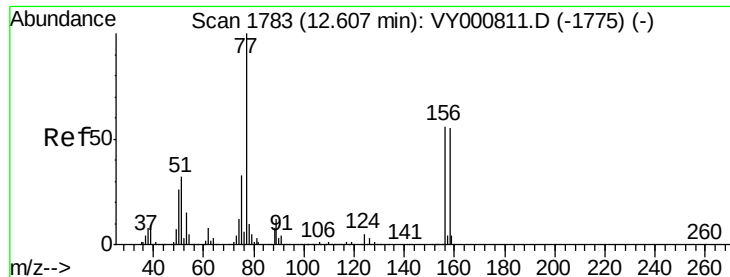
Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion:	75	Resp:	51564
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.584 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion:156 Resp: 74828

Ion Ratio Lower Upper

156 100

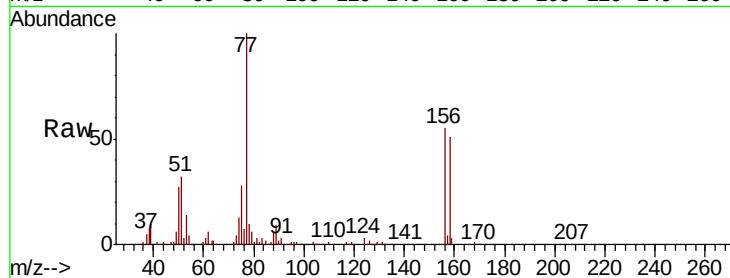
77 208.4 102.6 307.7

158 97.7 47.6 142.8

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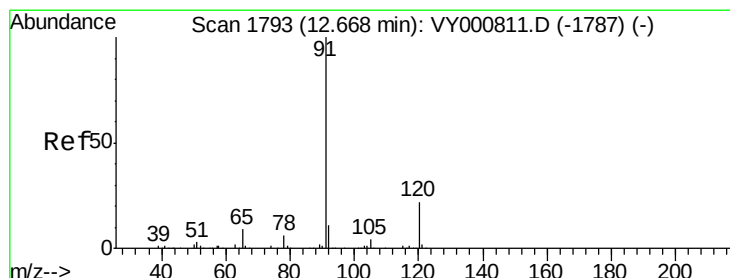
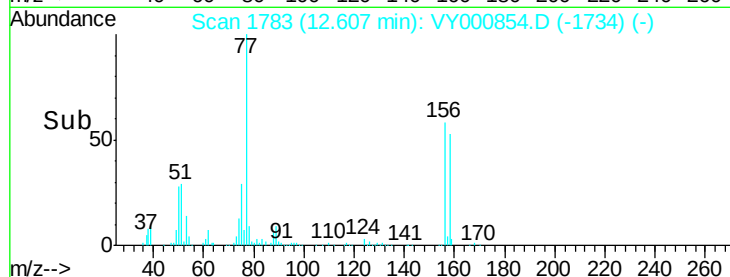
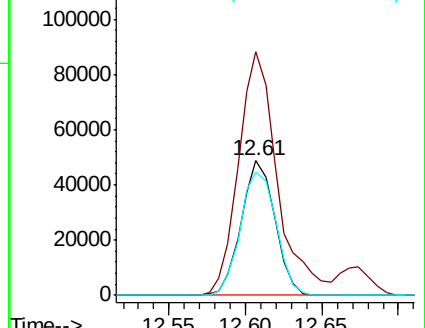
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.444 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000854.D

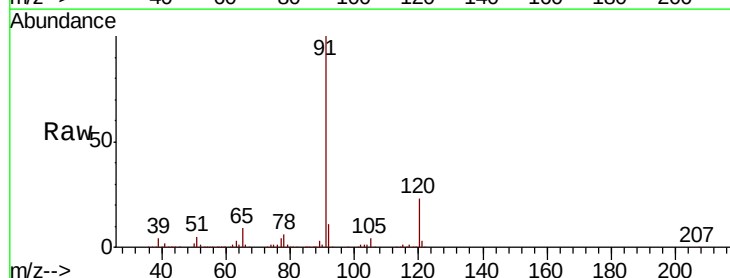
Acq: 04 Dec 2019 11:44

Tgt Ion: 91 Resp: 418469

Ion Ratio Lower Upper

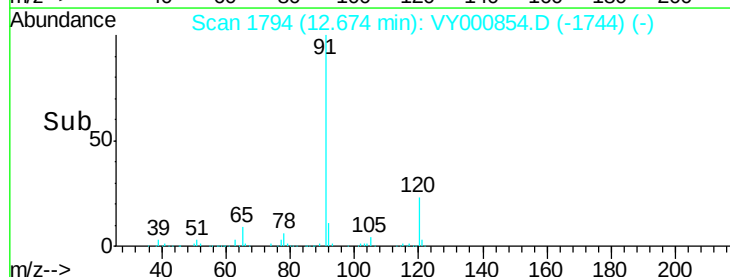
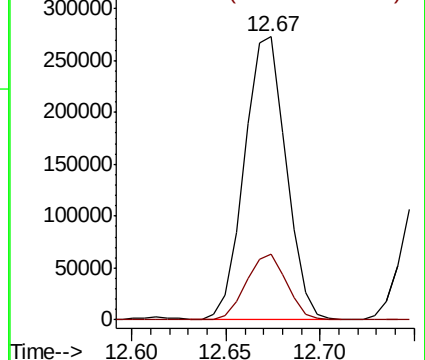
91 100

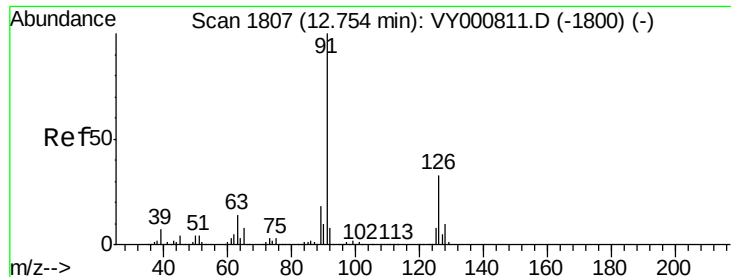
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





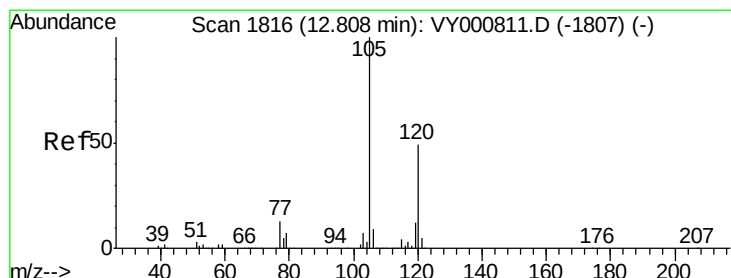
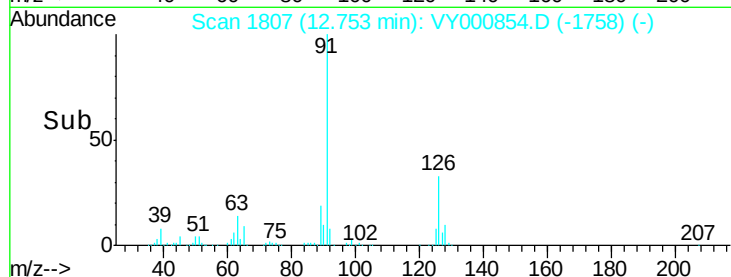
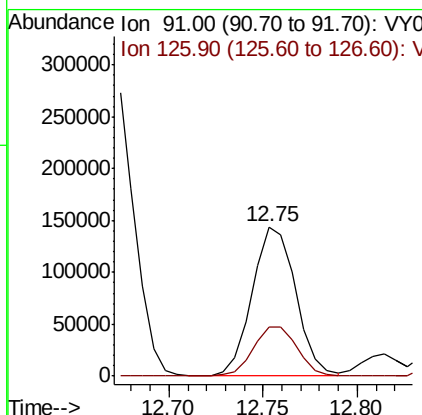
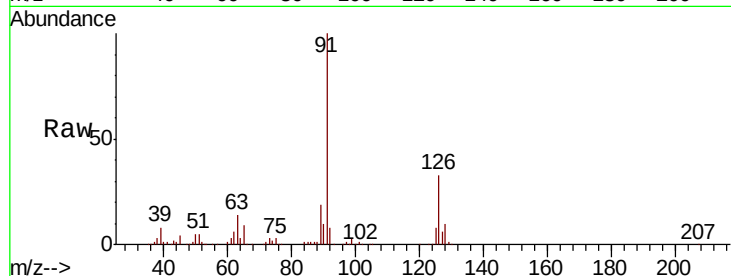
#79
 2-Chlorotoluene
 Concen: 19.427 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	51.0

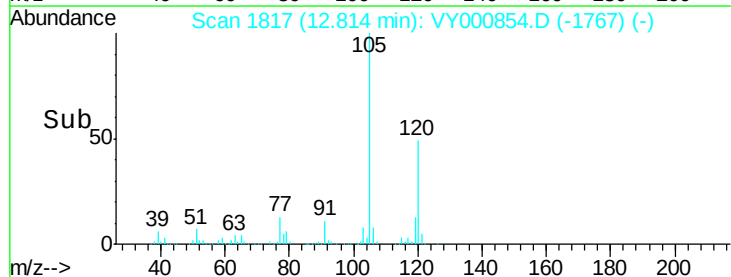
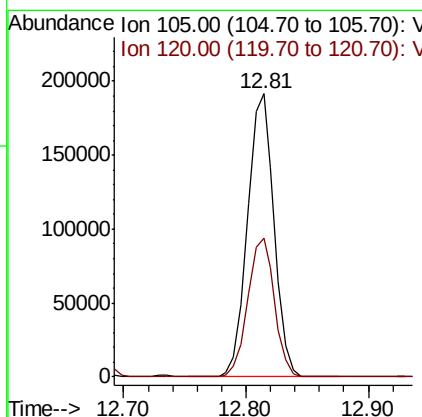
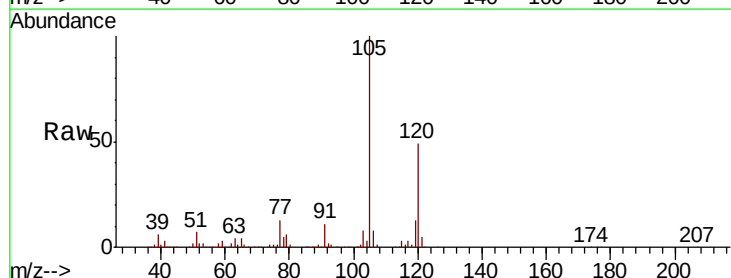
Manual Integrations
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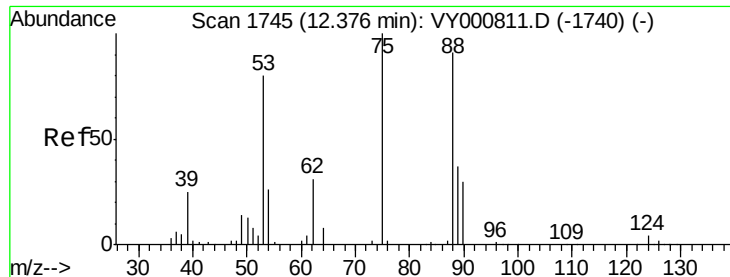
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.708 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.6	74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.281 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

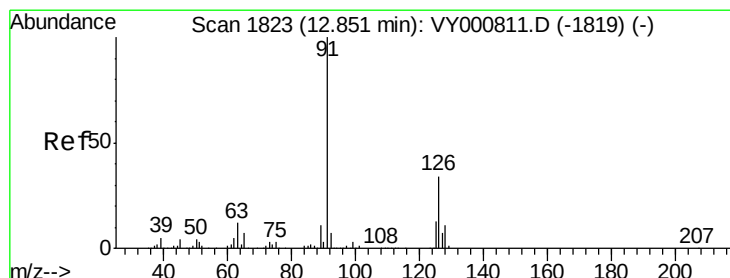
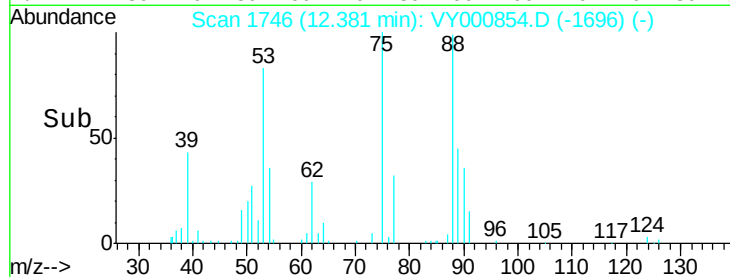
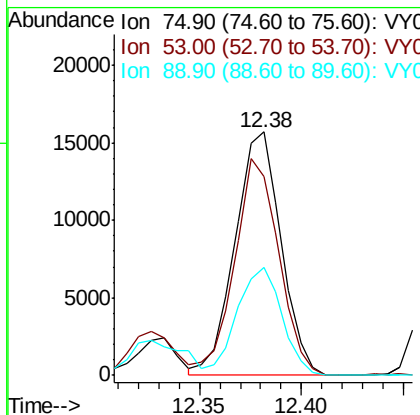
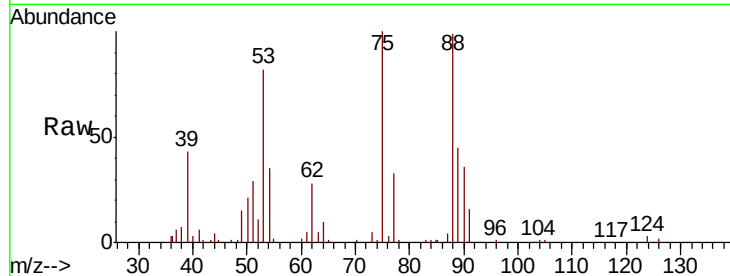
ClientSampleId :

VY1204SBS01

Tot Ion:	75	Resp:	24620
Ion Ratio	Lower	Upper	
75	100		
53	85.7	64.6	96.8
89	43.2	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.197 ug/l

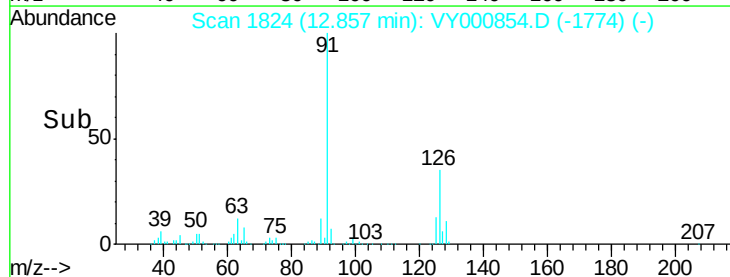
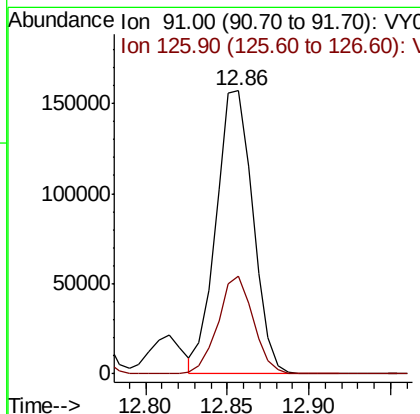
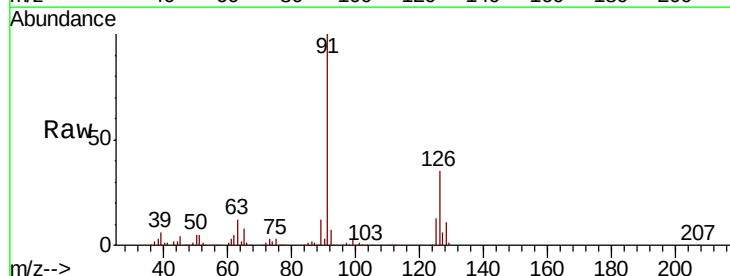
RT: 12.86 min Scan# 1824

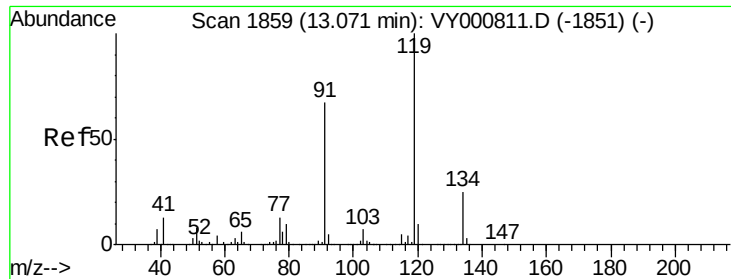
Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion:	91	Resp:	247405
Ion Ratio	Lower	Upper	
91	100		
126	32.9	17.3	51.9





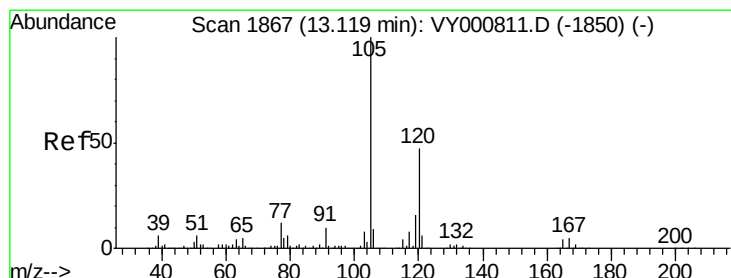
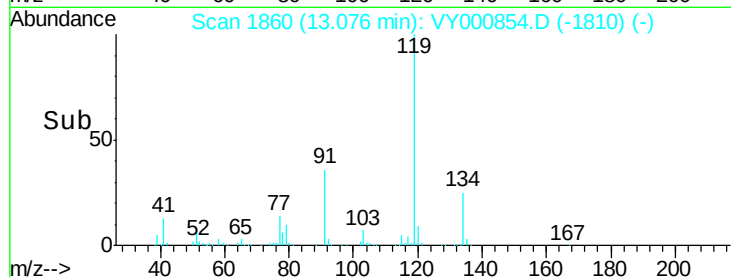
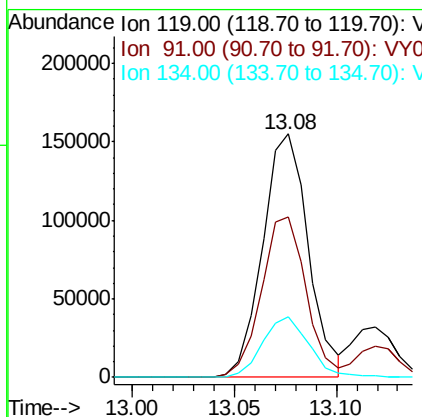
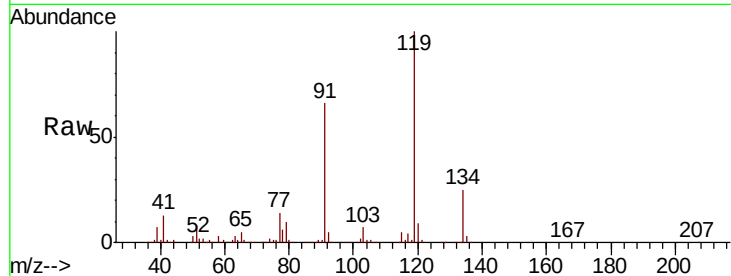
#83
 tert-Butylbenzene
 Concen: 19.696 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	241670		
91	64.5	32.3	96.8	
134	25.8	12.9	38.7	

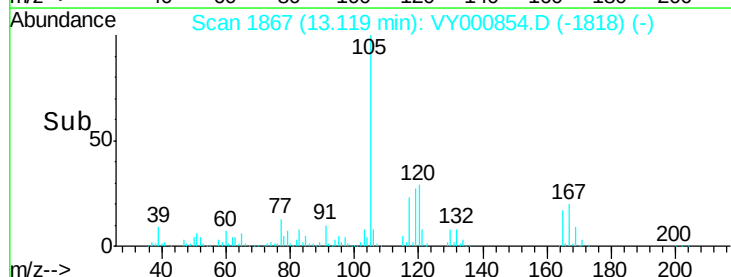
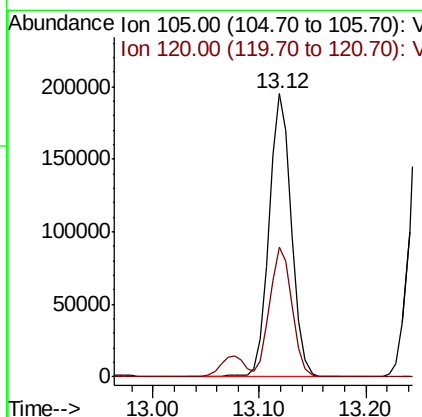
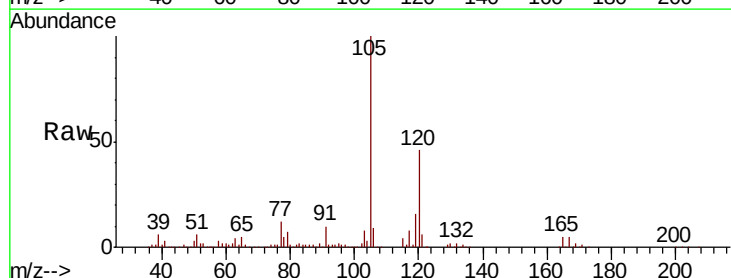
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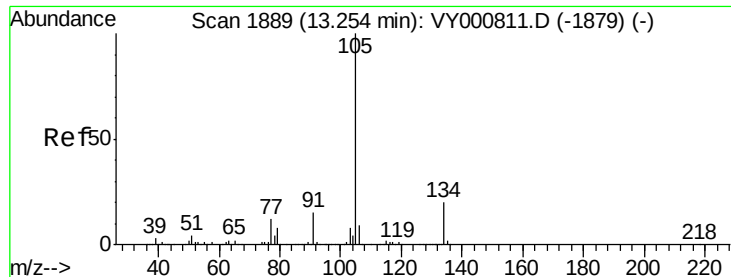
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.578 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	285866		
120	45.6	22.6	67.8	





#85

sec-Butylbenzene

Concen: 19.625 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion:105 Resp: 350206

Ion Ratio Lower Upper

105 100

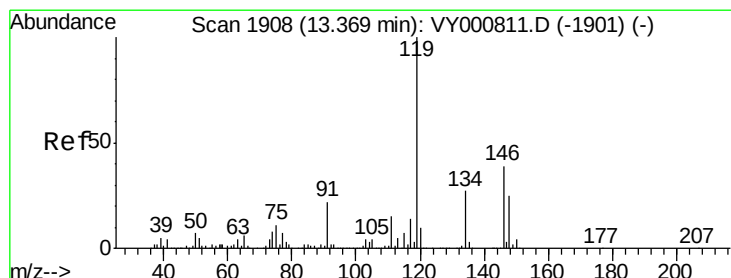
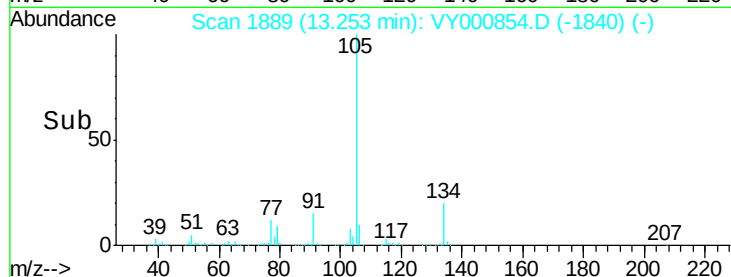
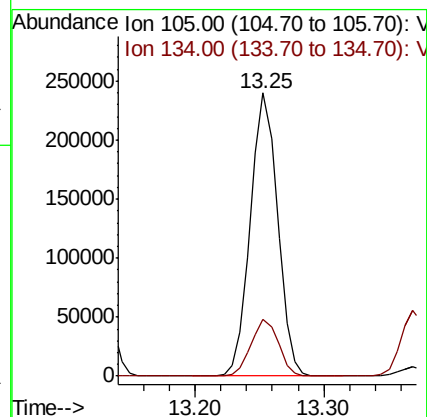
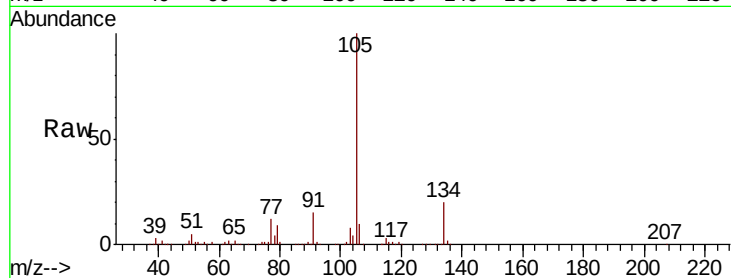
134 20.1 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.697 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

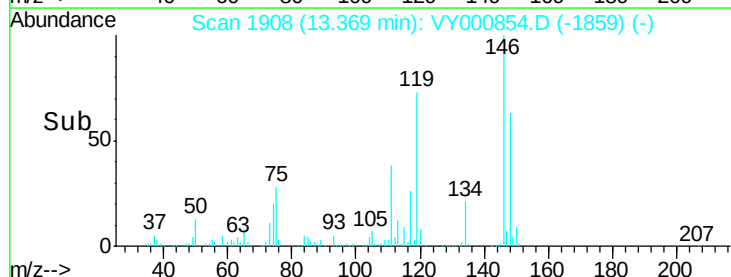
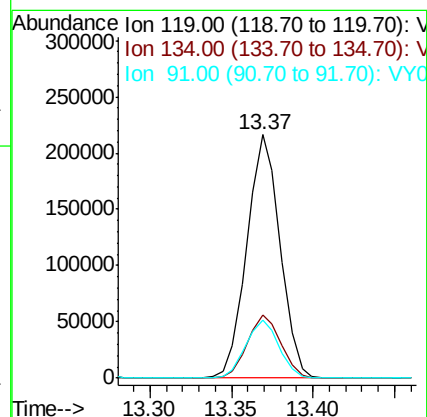
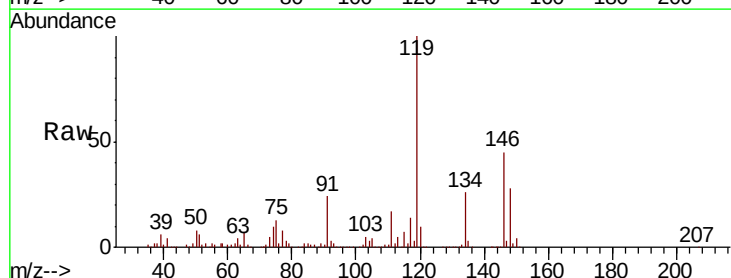
Tgt Ion:119 Resp: 305729

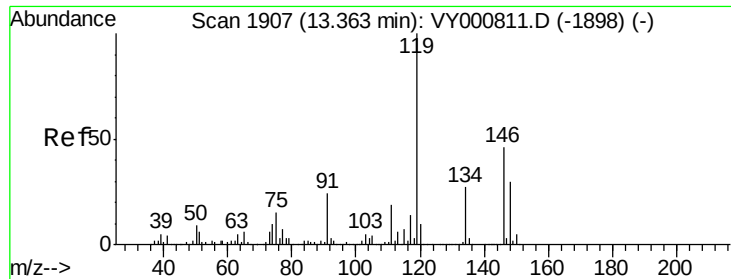
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 24.0 11.5 34.5





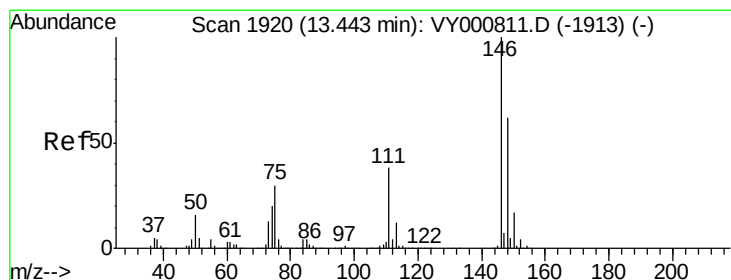
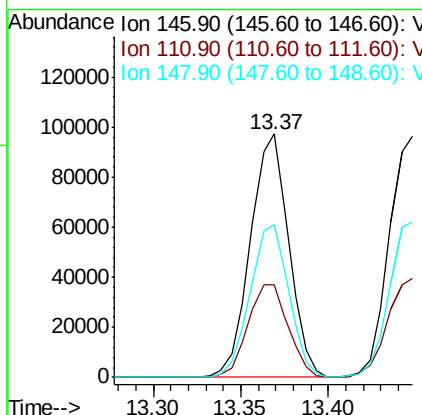
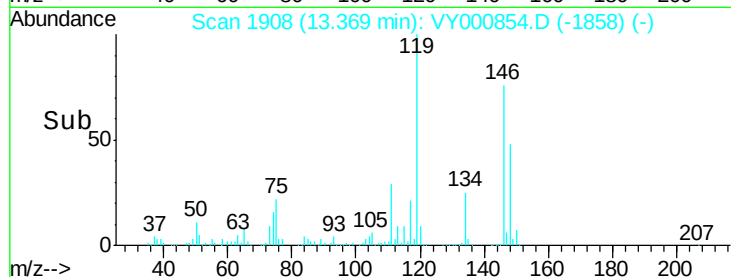
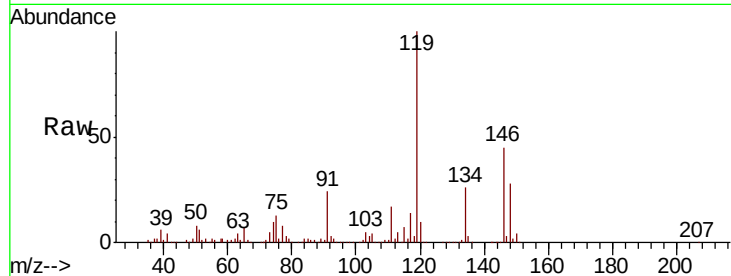
#87
 1,3-Dichlorobenzene
 Concen: 19.782 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	63.3	32.1	96.5

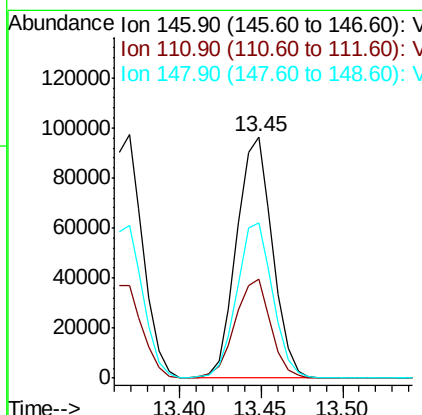
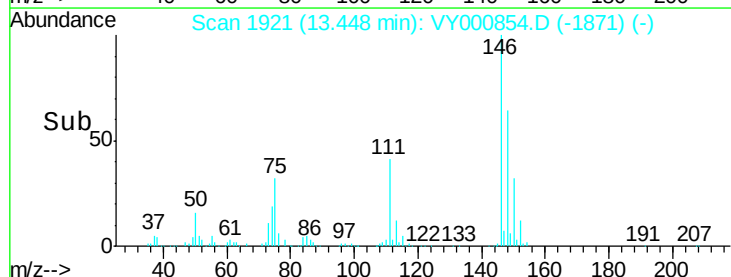
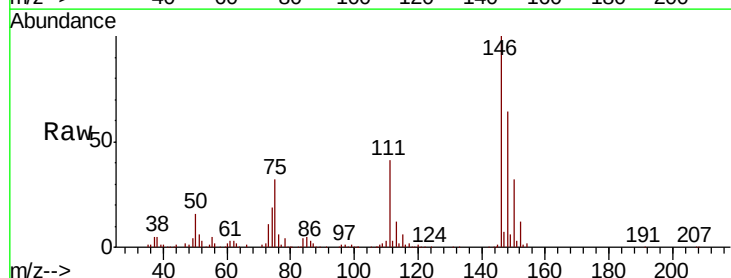
Manual Integrations
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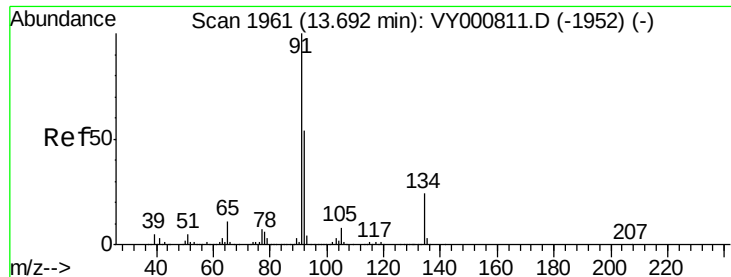
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#88
 1,4-Dichlorobenzene
 Concen: 19.831 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	59.9
148	64.7	31.7	95.1





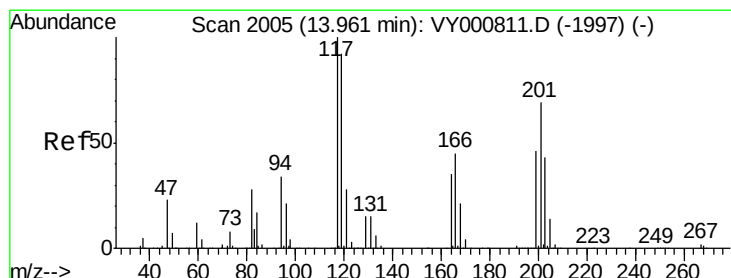
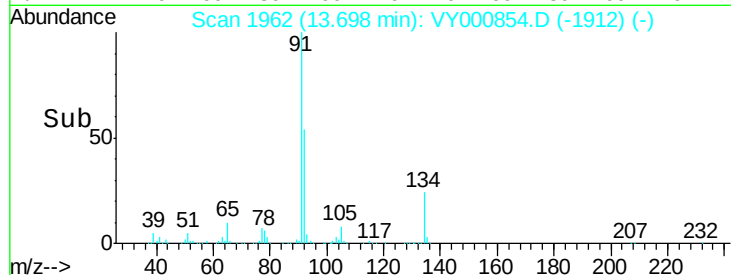
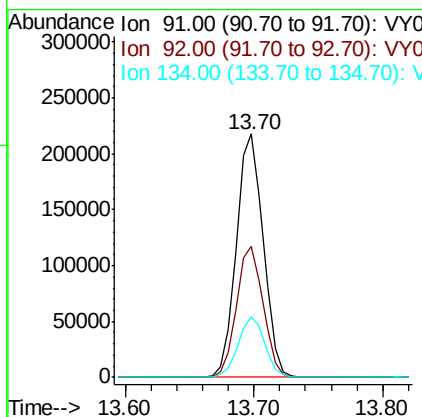
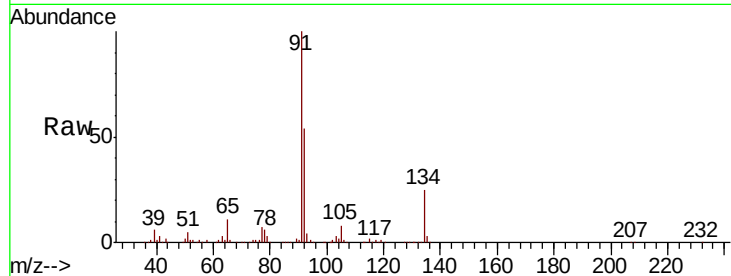
#89
n-Butylbenzene
Concen: 20.030 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	24.7	12.6	37.6

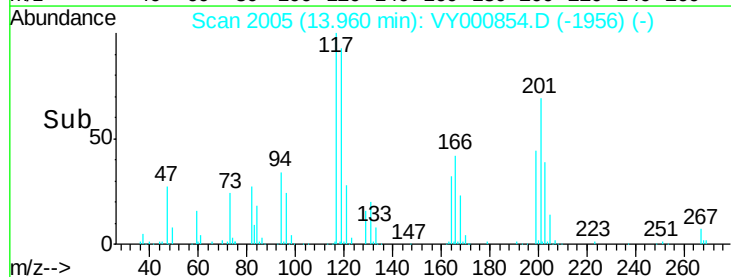
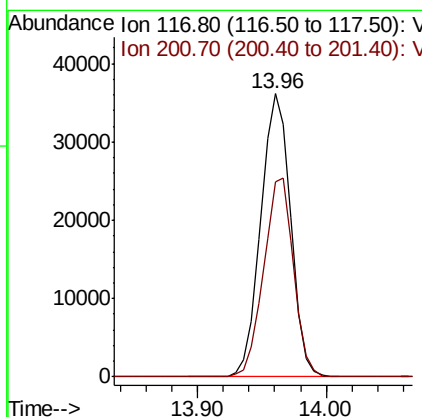
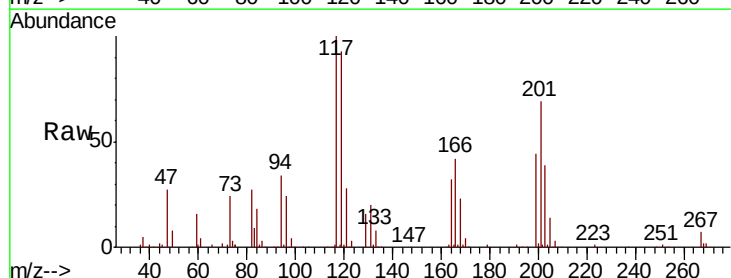
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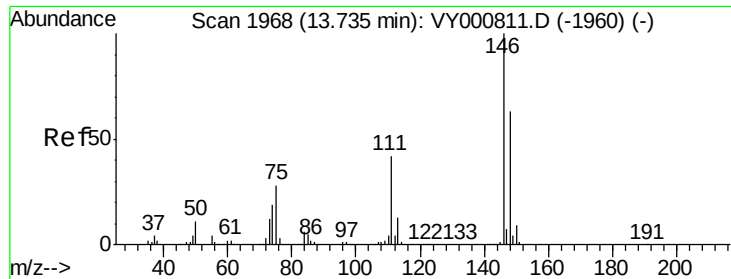
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#90
Hexachloroethane
Concen: 20.258 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.0	102.0





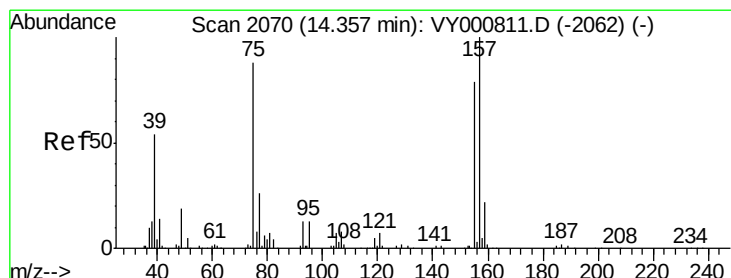
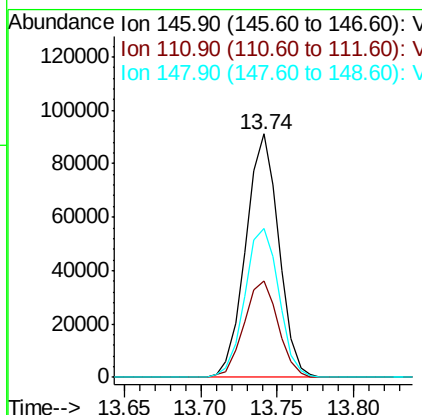
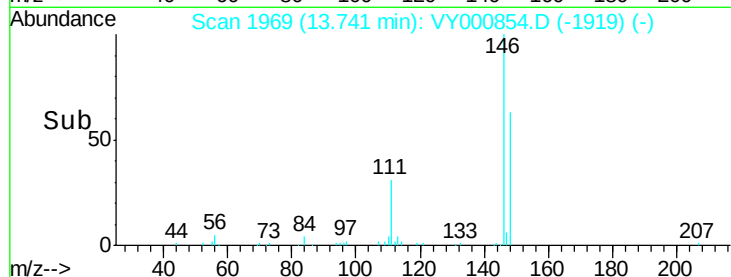
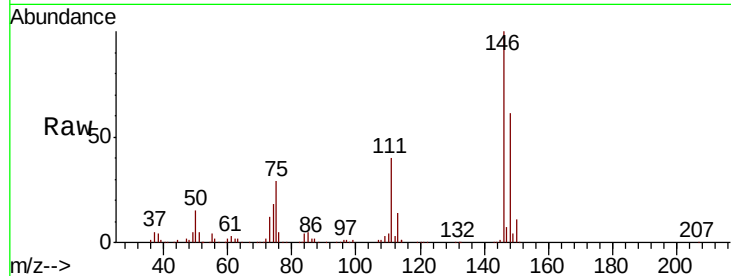
#91
 1,2-Dichlorobenzene
 Concen: 20.306 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.7
148	63.2	32.1	96.3

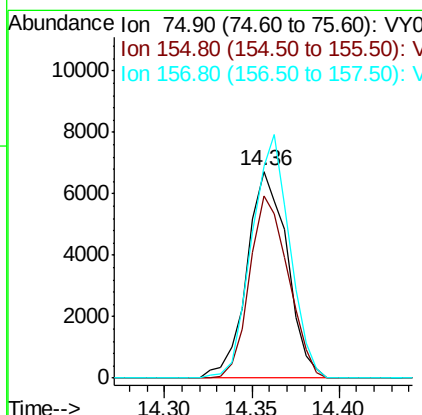
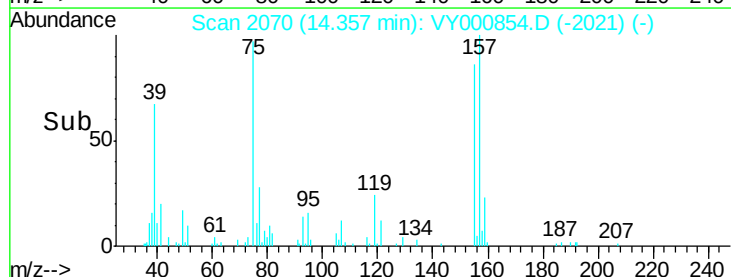
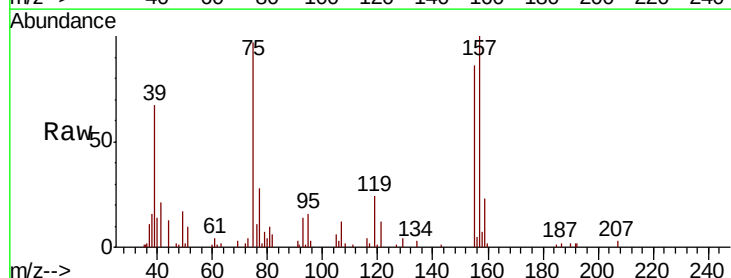
Manual Integrations
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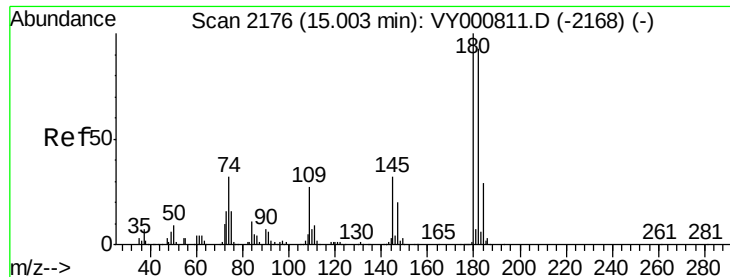
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.507 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	44.3	132.9
157	110.9	56.3	168.9





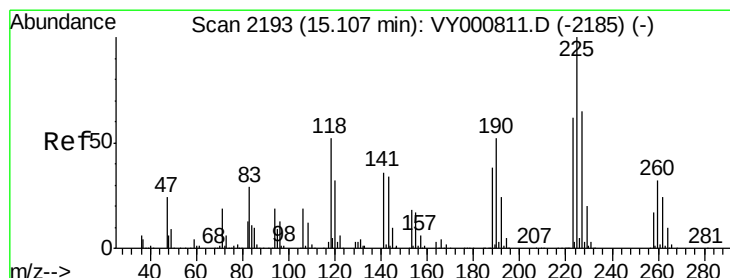
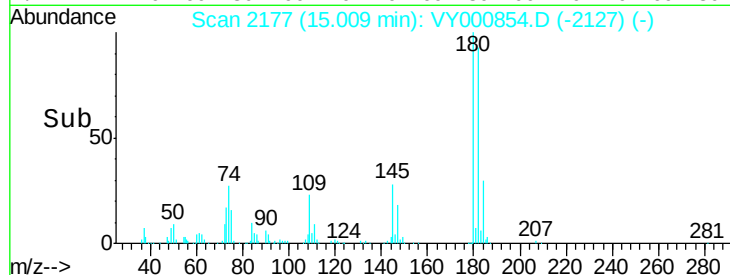
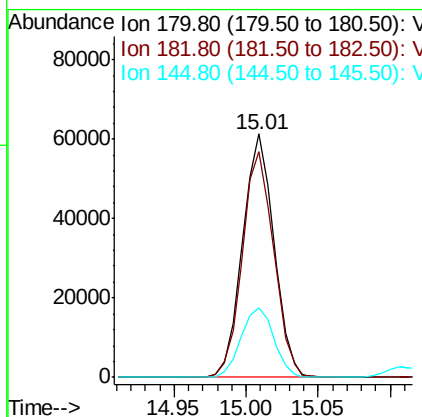
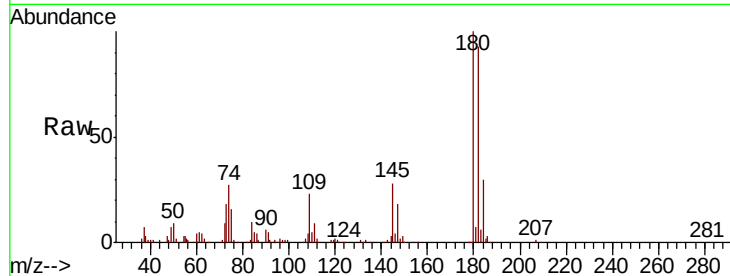
#93
 1,2,4-Trichlorobenzene
 Concen: 20.209 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.3	47.3	141.9	
145	30.0	16.0	47.9	

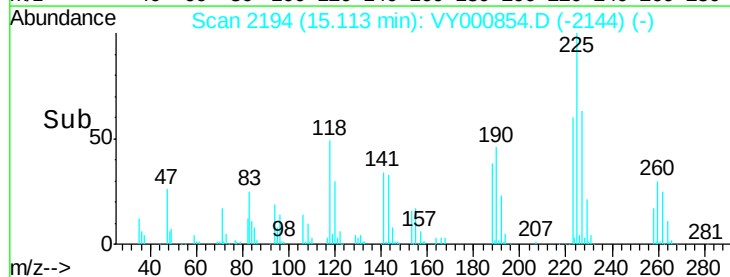
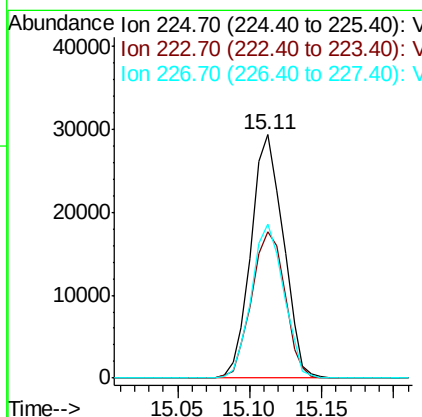
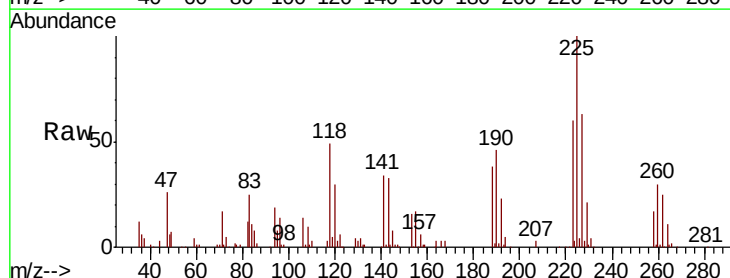
Manual Integrations
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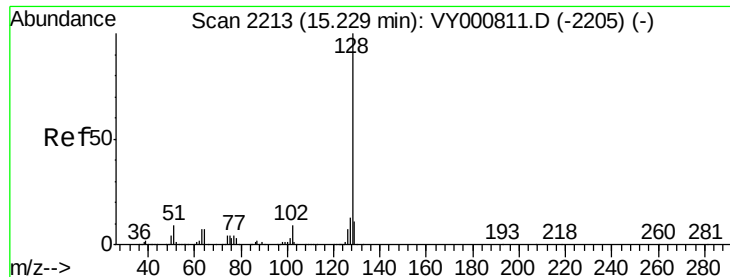
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#94
 Hexachlorobutadiene
 Concen: 20.211 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	31.4	94.3	
227	63.1	31.8	95.3	





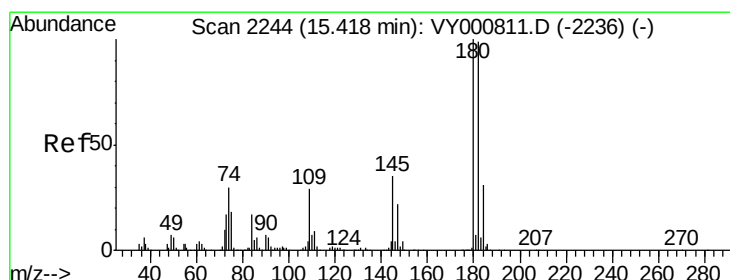
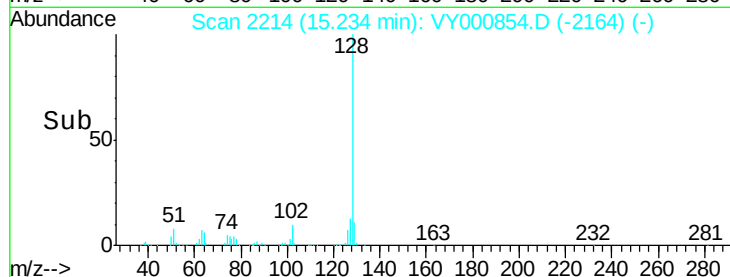
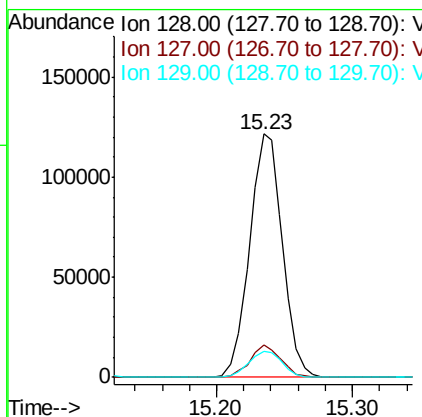
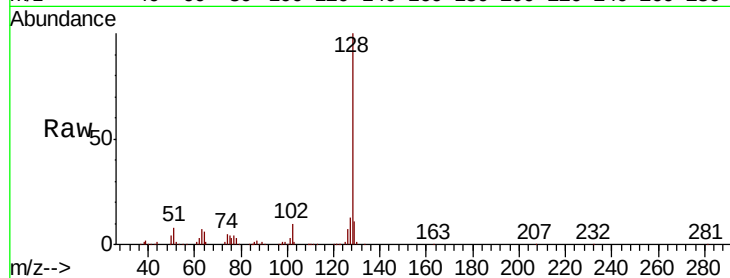
#95
Naphthalene
Concen: 19.353 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	205011		
127	12.6		10.1	15.1
129	11.0		8.8	13.2

Manual Integrations
APPROVED

apatel
12/5/2019 2:58:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.532 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	79591		
182	95.5		48.0	144.0
145	33.2		16.9	50.6

