

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009343.D
 Acq On : 27 Jun 2022 15:23
 Operator : KP/MD
 Sample : N3455-17
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-EXC-2-3RE

Quant Time: Jun 28 04:30:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	29324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	48926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	36098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13266	61.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.180%	
35) Dibromofluoromethane	7.710	113	13152	49.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.600%	
50) Toluene-d8	10.173	98	33525	42.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.840%	
62) 4-Bromofluorobenzene	12.477	95	14164	37.659	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.320%	

Target Compounds			Qvalue			
3) Chloromethane	2.101	50	318	1.118	ug/l #	79
5) Bromomethane	2.662	94	402	2.039	ug/l	83
10) Methyl Iodide	4.088	142	746	2.019	ug/l #	82
11) Tert butyl alcohol	4.942	59	160	Below Cal #		78
13) Acrolein	3.741	56	28	1.031	ug/l #	16
16) Acetone	3.936	43	6032	80.460	ug/l	95
17) Carbon Disulfide	4.192	76	2643	2.968	ug/l #	94
20) Methylene Chloride	4.704	84	4207	10.335	ug/l	91
25) 2-Butanone	6.978	43	1575	13.970	ug/l #	68
31) Cyclohexane	7.783	56	1199	2.261	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	2299	5.187	ug/l #	46
38) Carbon Tetrachloride	7.783	117	3036	6.662	ug/l #	12
39) Methylcyclohexane	9.148	83	2091	3.786	ug/l #	48
40) Benzene	8.149	78	3371	2.585	ug/l	99
51) 4-Methyl-2-Pentanone	10.063	43	531	2.260	ug/l #	36
52) Toluene	10.246	92	1226	1.517	ug/l	80
55) 1,1,2-Trichloroethane	10.612	97	2037	7.971	ug/l #	26
56) Ethyl methacrylate	10.514	69	1860	5.507	ug/l #	1
59) 2-Hexanone	10.837	43	210	1.285	ug/l	68
65) Chlorobenzene	11.514	112	1354	1.890	ug/l	99
67) Ethyl Benzene	11.587	91	1473	1.165	ug/l	97
68) m/p-Xylenes	11.697	106	1071	2.156	ug/l	82
73) Isopropylbenzene	12.325	105	1659	1.963	ug/l	95
74) N-amyl acetate	12.099	43	3649	16.073	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.483	83	894	5.612	ug/l	97
76) 1,2,3-Trichloropropane	12.477	75	6917	58.149	ug/l #	100
78) n-propylbenzene	12.666	91	2286	2.193	ug/l	95
79) 2-Chlorotoluene	12.843	91	973	1.680	ug/l	80
80) 1,3,5-Trimethylbenzene	12.806	105	2263	3.179	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.477	75	6917	115.108	ug/l #	14
82) 4-Chlorotoluene	12.843	91	727	1.205	ug/l	93
83) tert-Butylbenzene	13.075	119	2112	3.393	ug/l	88
84) 1,2,4-Trimethylbenzene	13.123	105	3400	4.844	ug/l	99
85) sec-Butylbenzene	13.251	105	3427	3.711	ug/l #	39
86) p-Isopropyltoluene	13.361	119	1464	1.916	ug/l	90
88) 1,4-Dichlorobenzene	13.440	146	746	1.855	ug/l #	1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

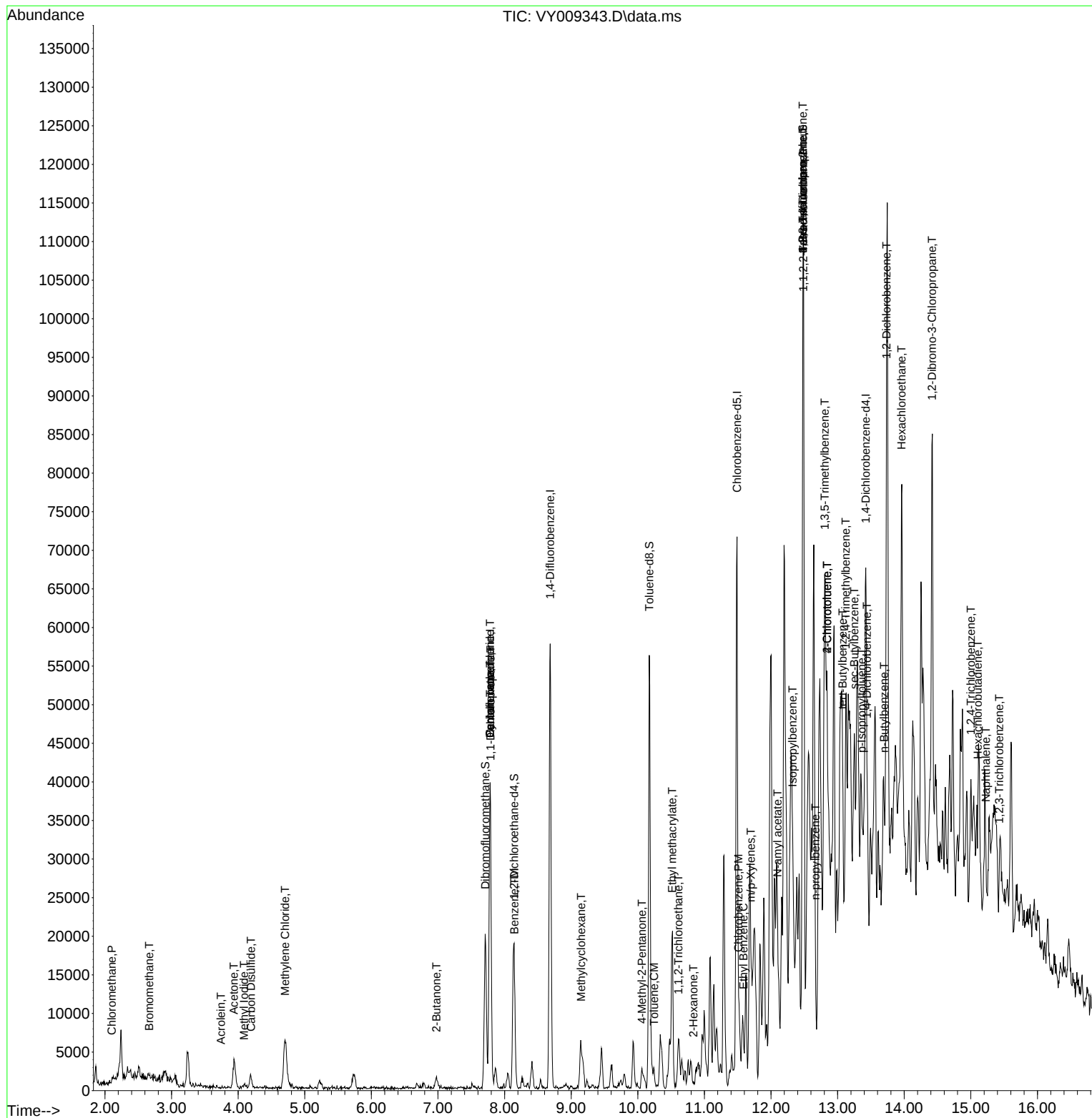
89) n-Butylbenzene	13.696	91	1541	2.151	ug/l #	70
90) Hexachloroethane	13.959	117	354	2.449	ug/l #	11
91) 1,2-Dichlorobenzene	13.733	146	933	2.608	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.416	75	55	1.998	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.001	180	902	4.191	ug/l #	2
94) Hexachlorobutadiene	15.105	225	143	1.203	ug/l	80
95) Naphthalene	15.227	128	2185	5.071	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.428	180	1127	6.045	ug/l #	60

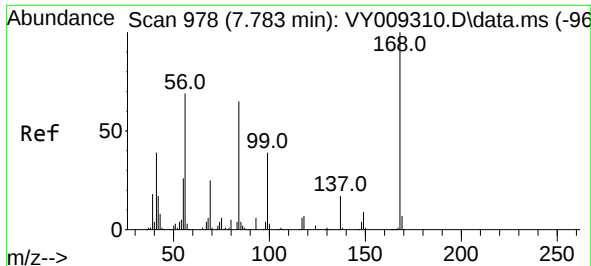
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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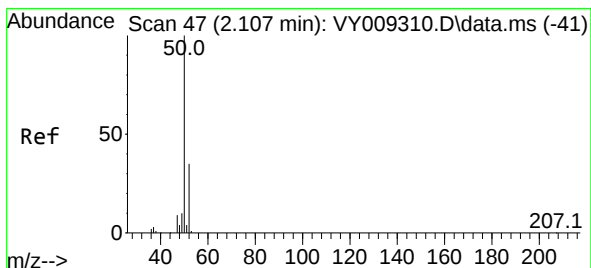
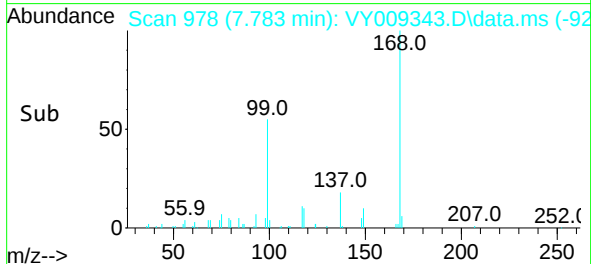
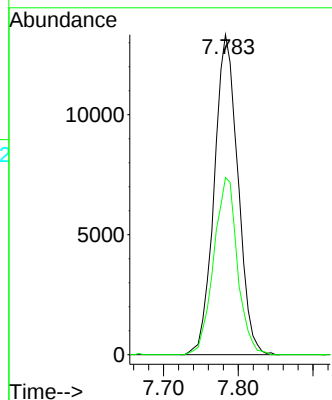
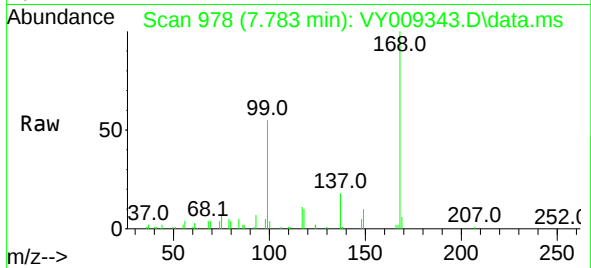




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009343.D
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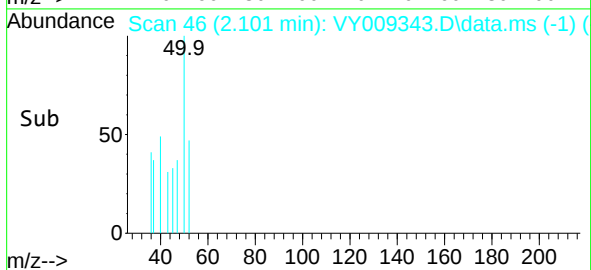
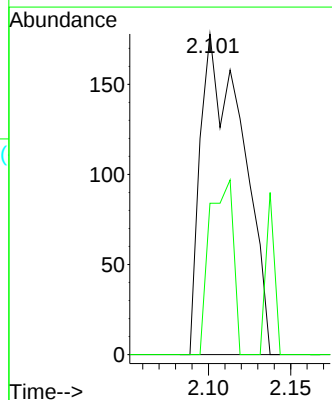
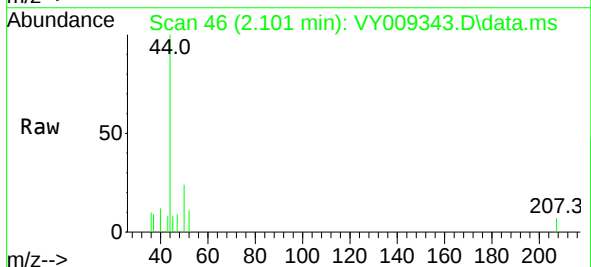
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

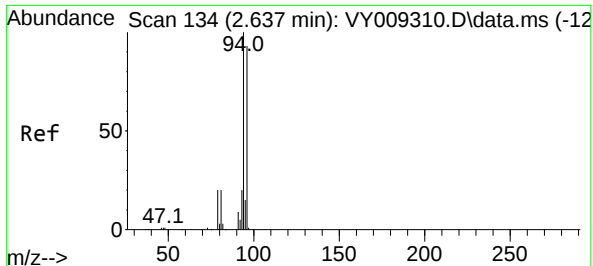
Tgt Ion:168 Resp: 29324
Ion Ratio Lower Upper
168 100
99 55.3 42.1 63.1



#3
Chloromethane
Concen: 1.118 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.006 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 47.2 27.9 41.9#

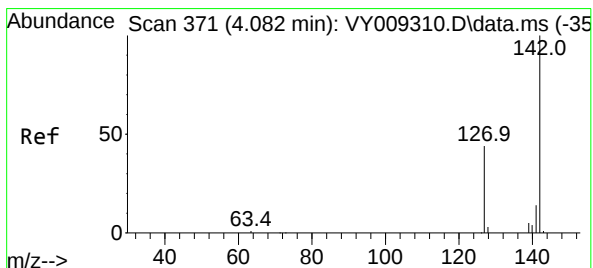
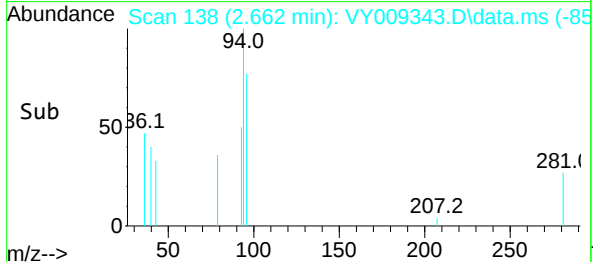
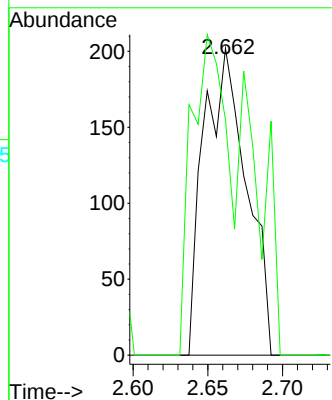
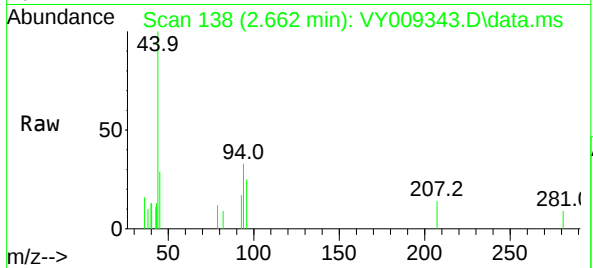




#5
Bromomethane
Concen: 2.039 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

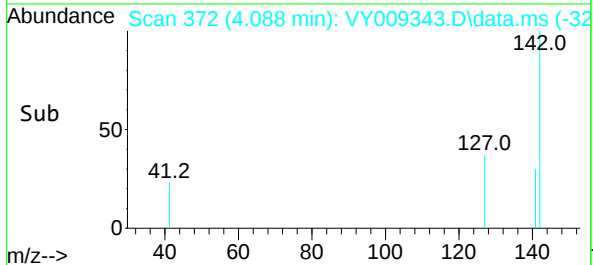
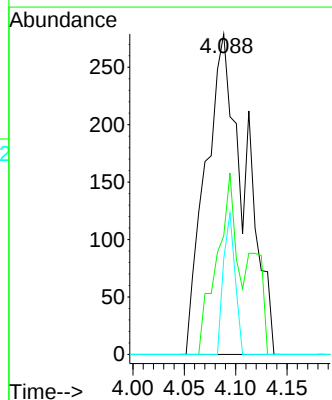
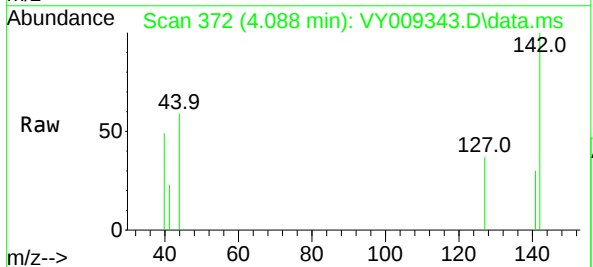
Instrument :
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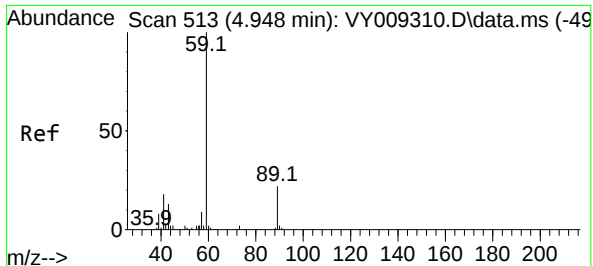
Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 76.7 74.6 111.8



#10
Methyl Iodide
Concen: 2.019 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 142 Resp: 746
Ion Ratio Lower Upper
142 100
127 29.2 35.2 52.8#
141 12.9 11.4 17.2

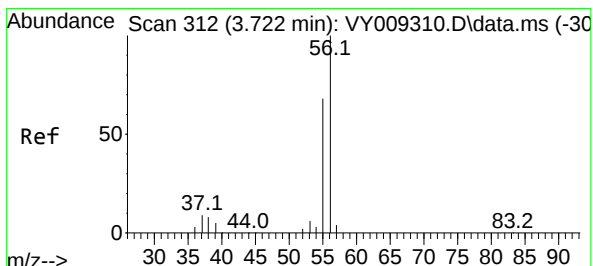
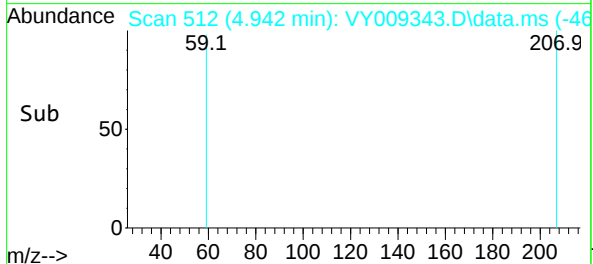
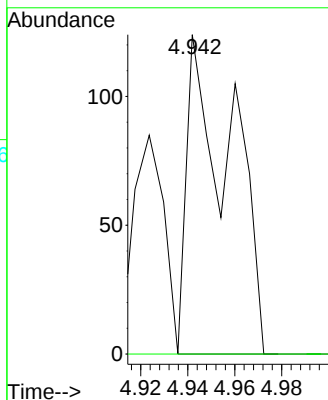
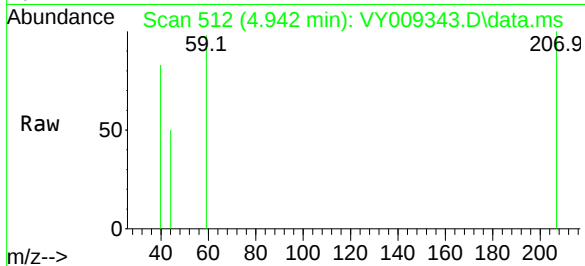




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

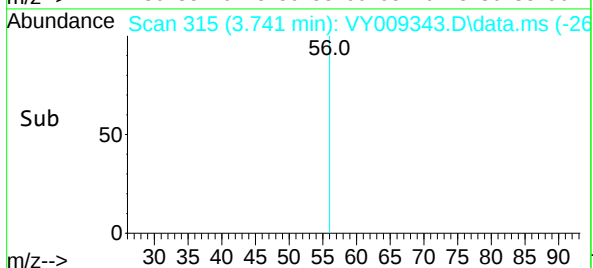
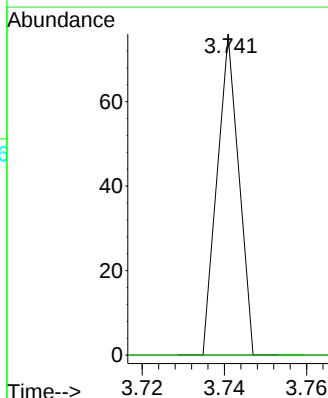
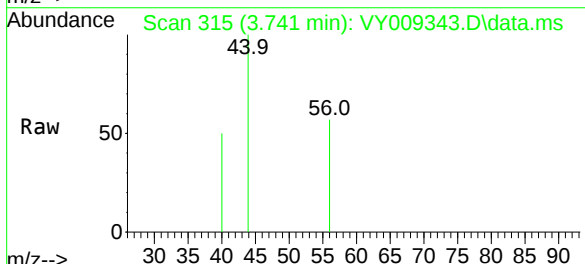
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MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

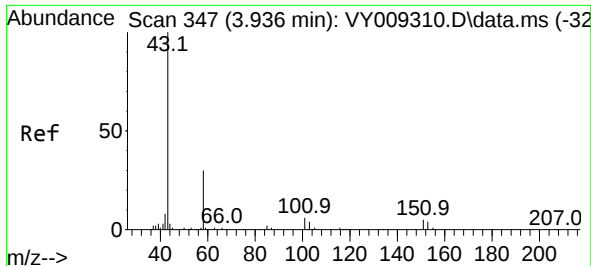
Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



#13
Acrolein
Concen: 1.031 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

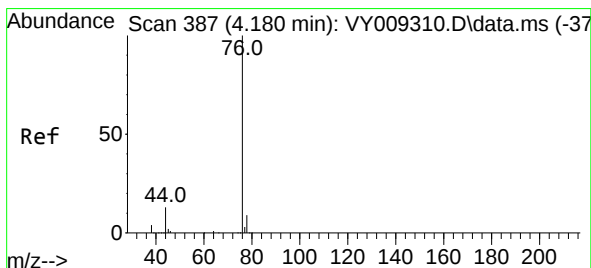
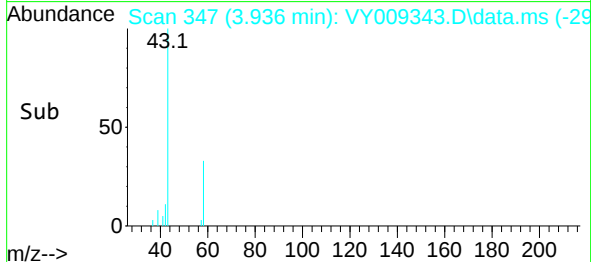
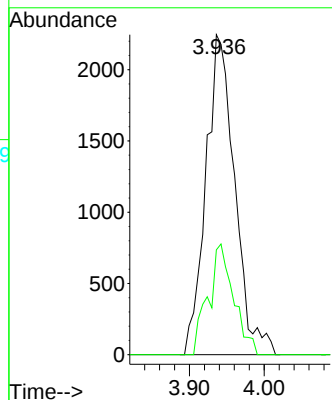
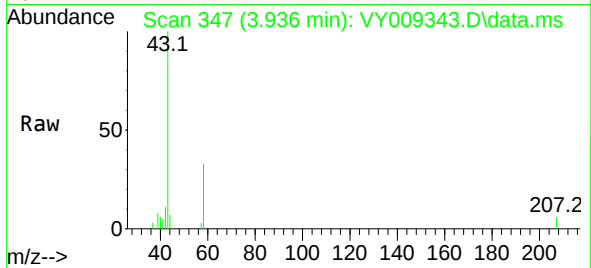




#16
Acetone
Concen: 80.460 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

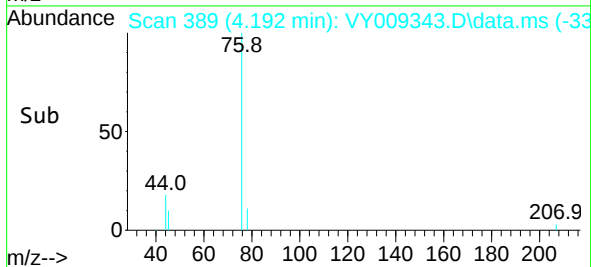
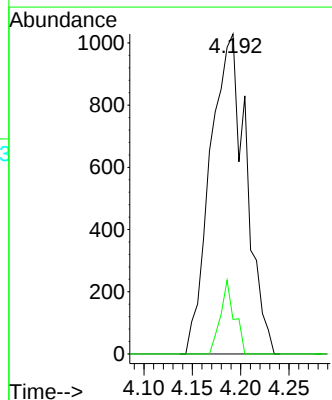
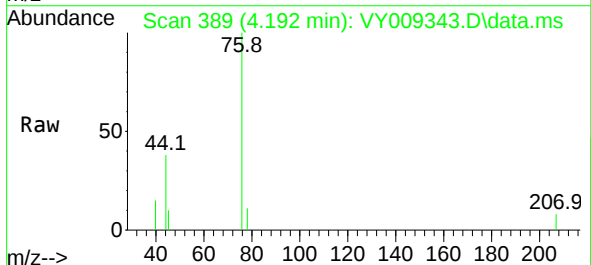
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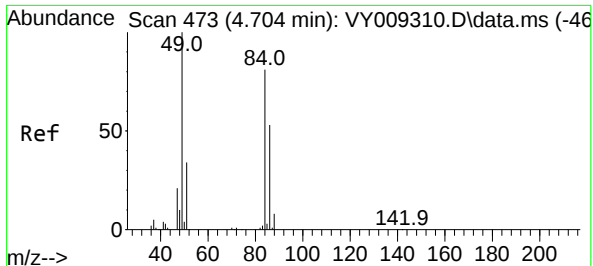
Tgt Ion: 43 Resp: 6032
Ion Ratio Lower Upper
43 100
58 32.8 24.0 36.0



#17
Carbon Disulfide
Concen: 2.968 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.012 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 76 Resp: 2643
Ion Ratio Lower Upper
76 100
78 10.8 6.8 10.2#

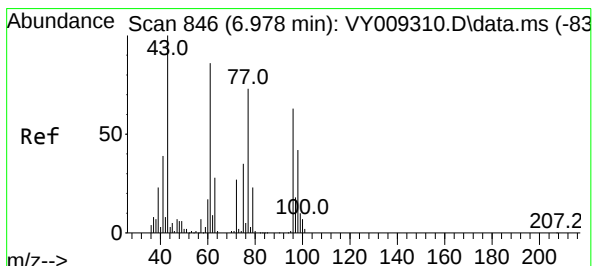
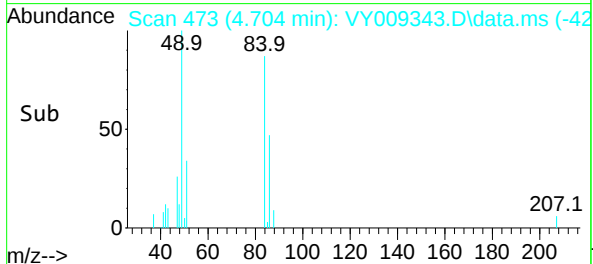
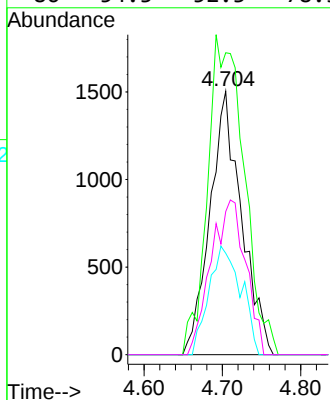
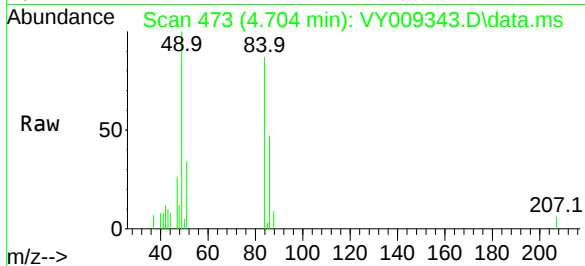




#20
Methylene Chloride
Concen: 10.335 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

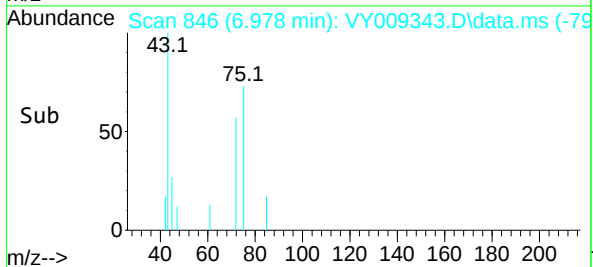
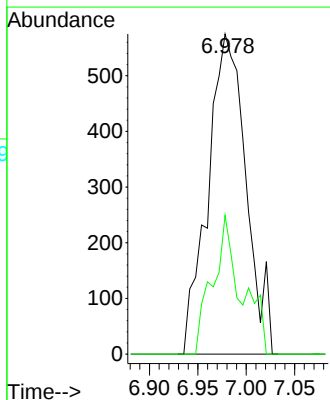
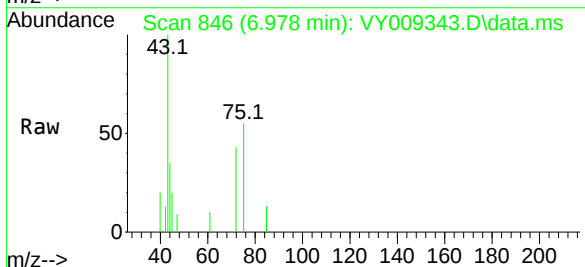
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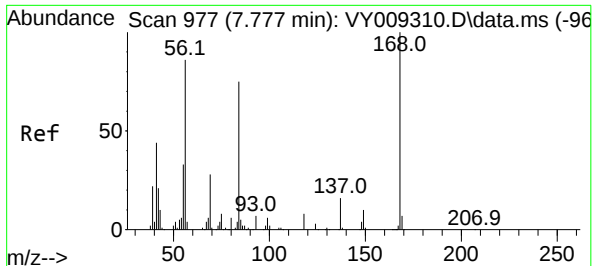
Tgt Ion:	84	Resp:	4207
Ion	Ratio	Lower	Upper
84	100		
49	114.6	98.2	147.4
51	38.5	33.4	50.0
86	54.3	52.3	78.5



#25
2-Butanone
Concen: 13.970 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion:	43	Resp:	1575
Ion	Ratio	Lower	Upper
43	100		
72	43.3	21.5	32.3#

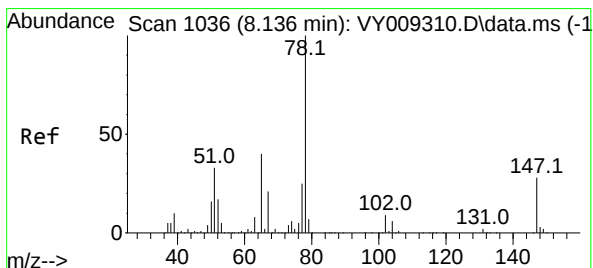
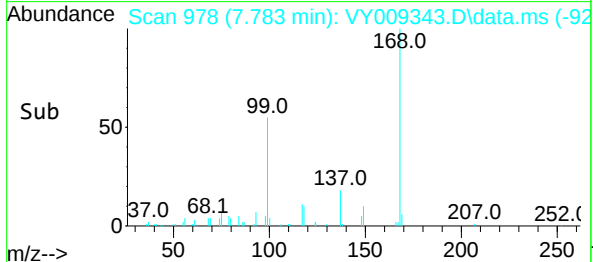
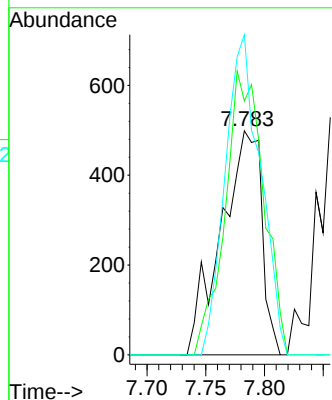
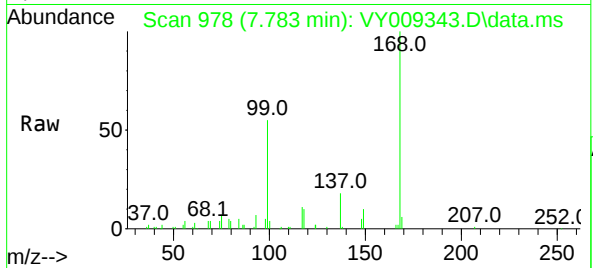




#31
Cyclohexane
Concen: 2.261 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

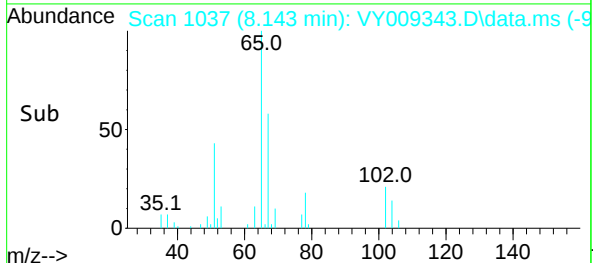
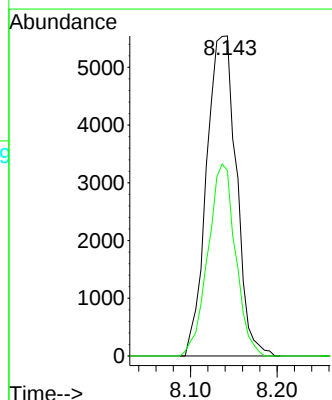
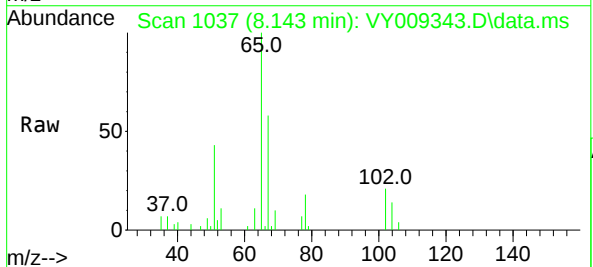
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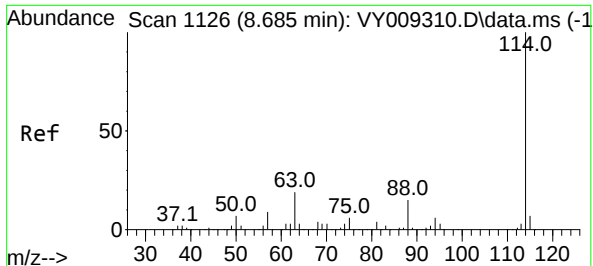
Tgt Ion: 56 Resp: 1199
Ion Ratio Lower Upper
56 100
69 113.2 26.0 39.0#
84 142.9 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 61.086 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 65 Resp: 13266
Ion Ratio Lower Upper
65 100
67 55.4 0.0 108.4

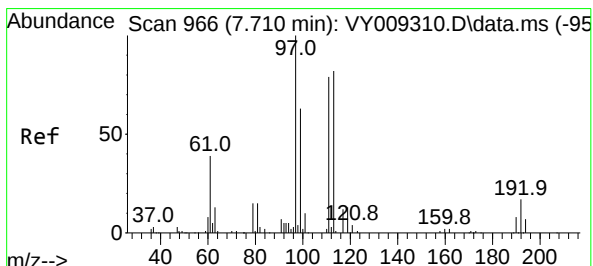
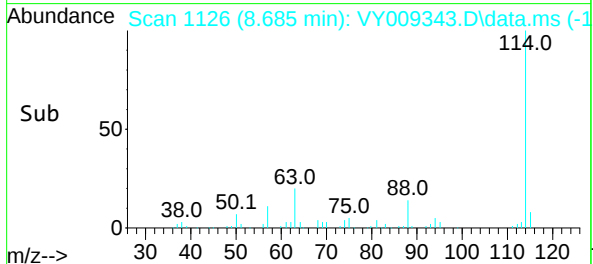
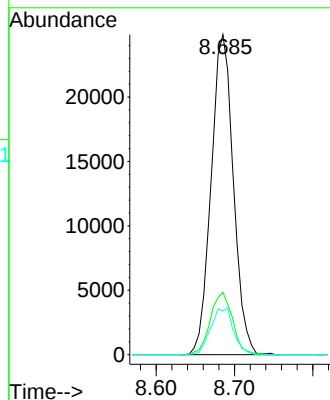
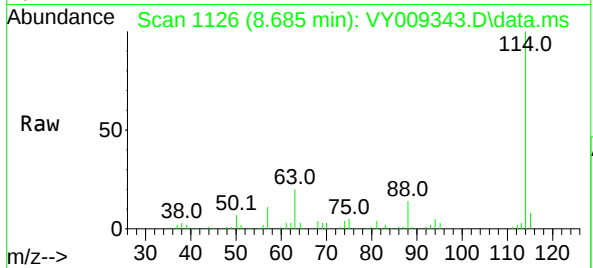




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

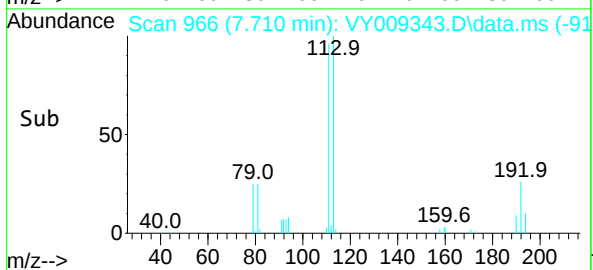
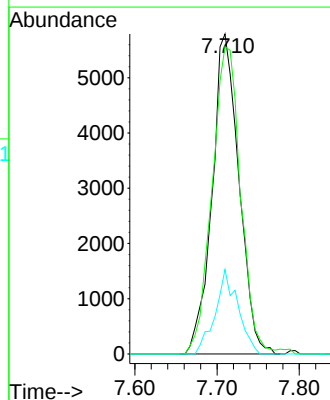
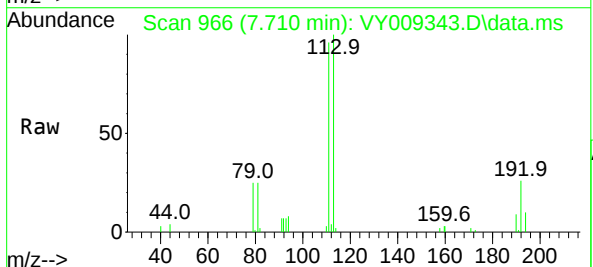
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

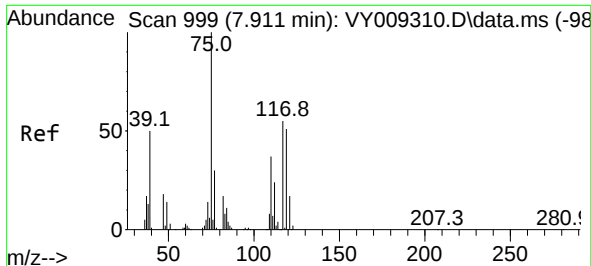
Tgt Ion:114 Resp: 48926
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.0
88 13.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.803 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion:113 Resp: 13152
Ion Ratio Lower Upper
113 100
111 101.9 80.6 120.8
192 22.2 16.2 24.4





#36

1,1-Dichloropropene

Concen: 5.187 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SP-EXC-2-3RE

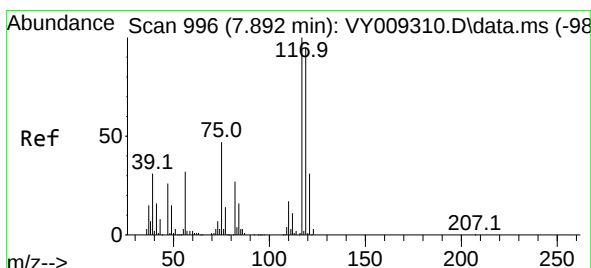
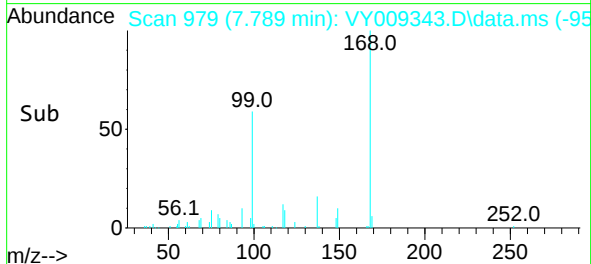
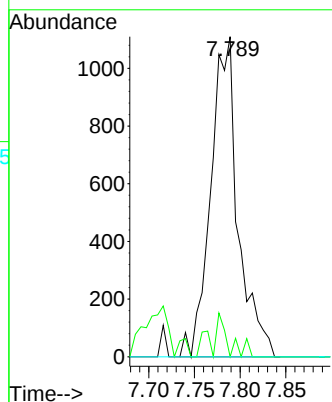
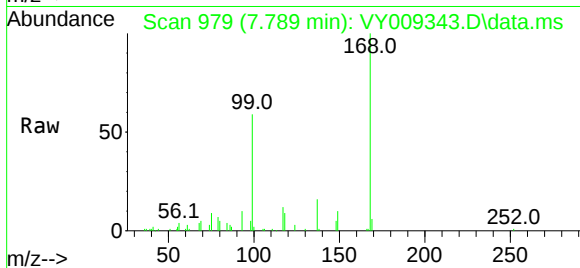
Tgt Ion: 75 Resp: 2299

Ion Ratio Lower Upper

75 100

110 5.9 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.662 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

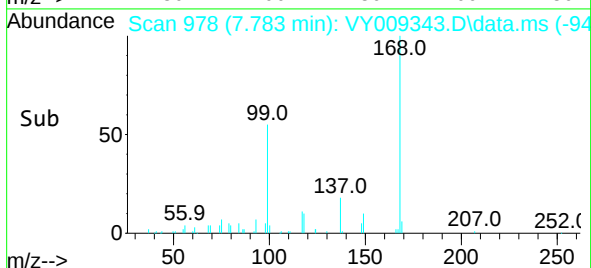
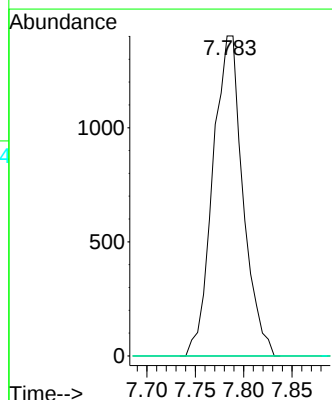
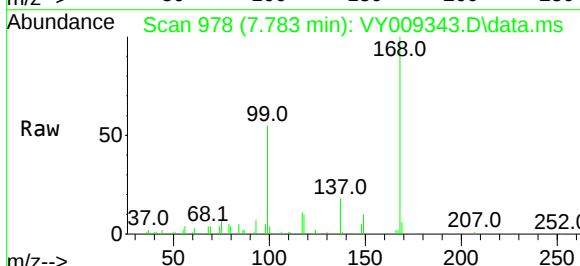
Tgt Ion: 117 Resp: 3036

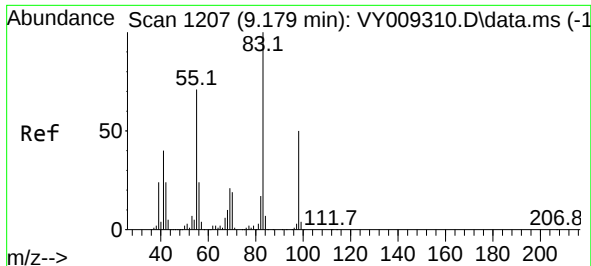
Ion Ratio Lower Upper

117 100

119 0.0 75.9 113.9#

121 0.0 24.9 37.3#





#39

Methylcyclohexane

Concen: 3.786 ug/l

RT: 9.148 min Scan# 11

Delta R.T. -0.030 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SP-EXC-2-3RE

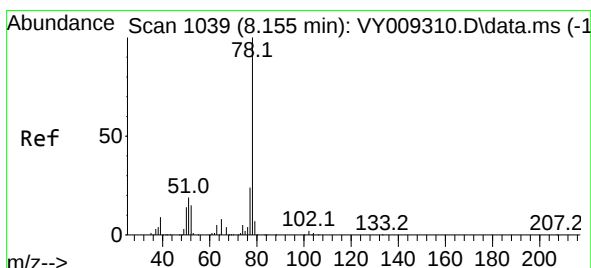
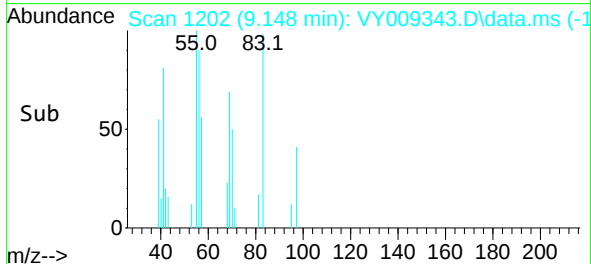
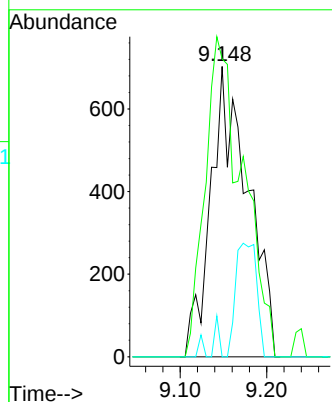
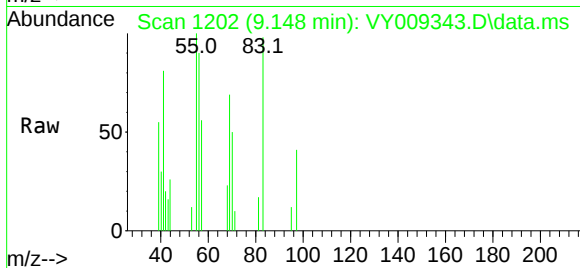
Tgt Ion: 83 Resp: 2091

Ion Ratio Lower Upper

83 100

55 102.6 56.7 85.1#

98 0.0 39.9 59.9#



#40

Benzene

Concen: 2.585 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009343.D

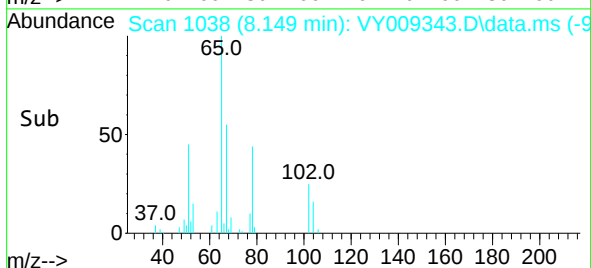
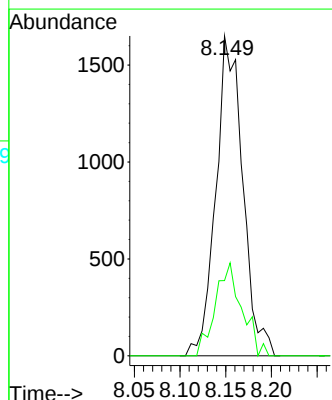
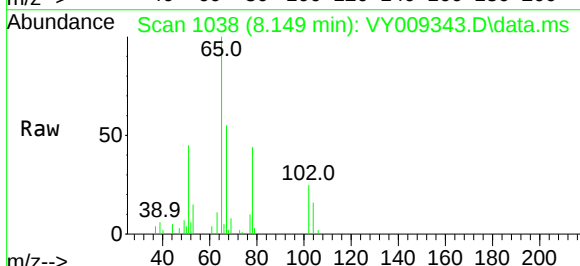
Acq: 27 Jun 2022 15:23

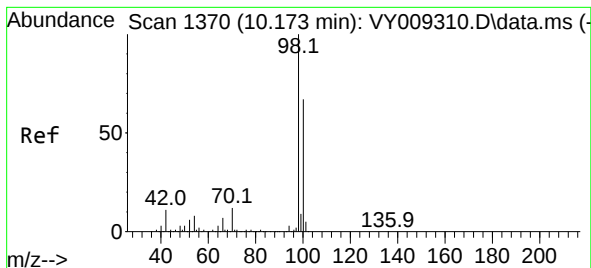
Tgt Ion: 78 Resp: 3371

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0





#50

Toluene-d8

Concen: 42.420 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

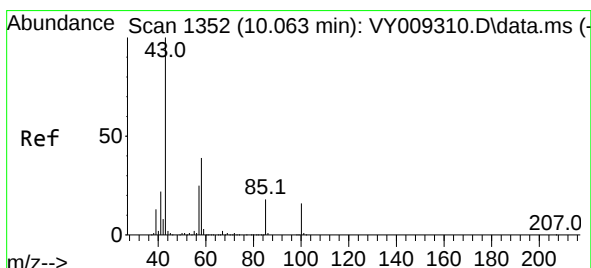
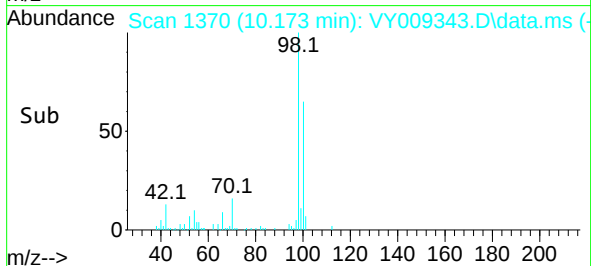
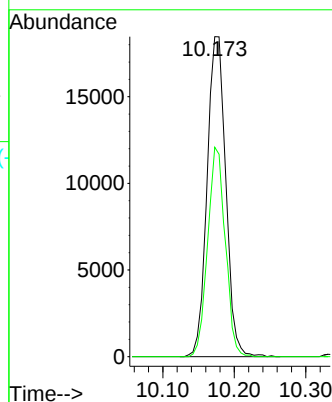
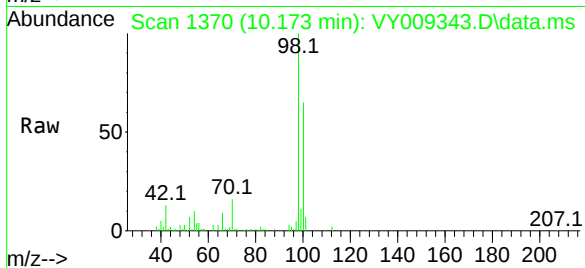
SP-EXC-2-3RE

Tgt Ion: 98 Resp: 33525

Ion Ratio Lower Upper

98 100

100 61.7 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 2.260 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY009343.D

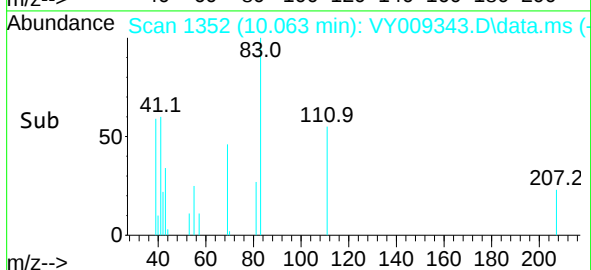
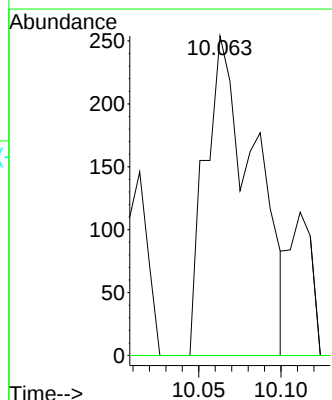
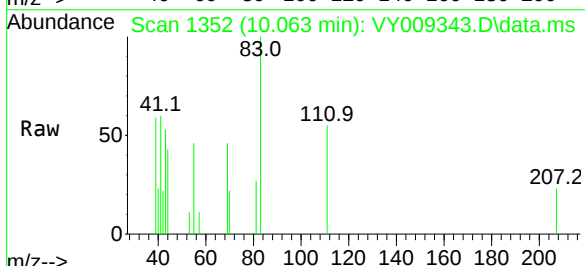
Acq: 27 Jun 2022 15:23

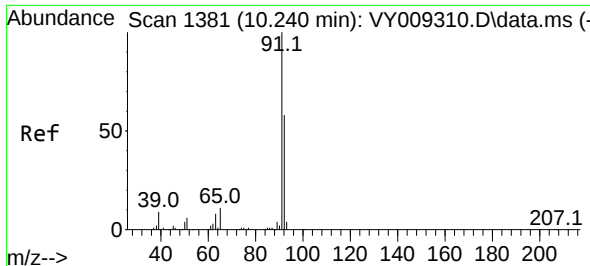
Tgt Ion: 43 Resp: 531

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#

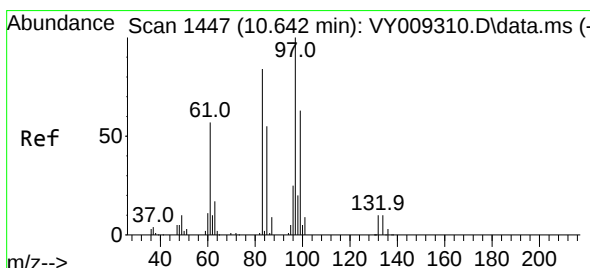
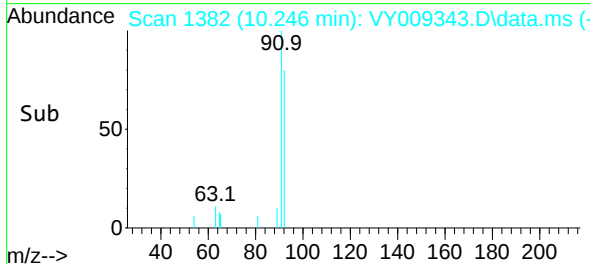
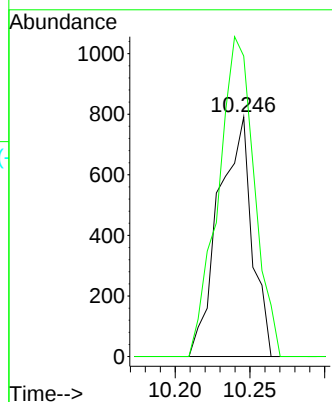
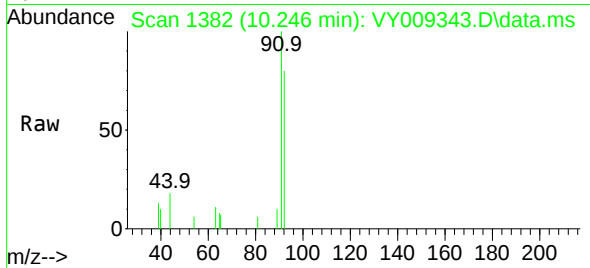




#52
Toluene
Concen: 1.517 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

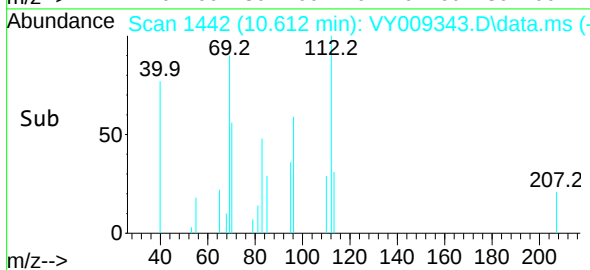
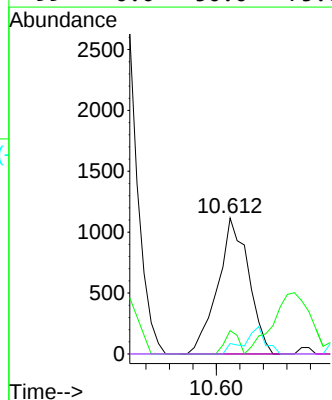
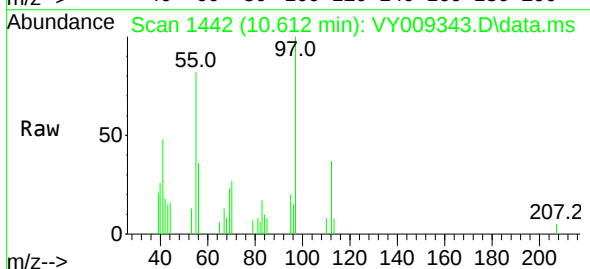
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

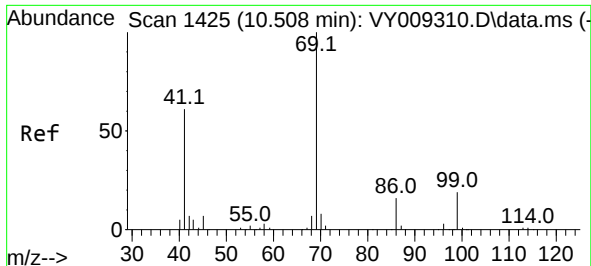
Tgt Ion: 92 Resp: 1226
Ion Ratio Lower Upper
92 100
91 145.0 138.7 208.1



#55
1,1,2-Trichloroethane
Concen: 7.971 ug/l
RT: 10.612 min Scan# 1442
Delta R.T. -0.030 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 97 Resp: 2037
Ion Ratio Lower Upper
97 100
83 17.2 66.9 100.3#
85 7.6 44.2 66.4#
99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 5.507 ug/l

RT: 10.514 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SP-EXC-2-3RE

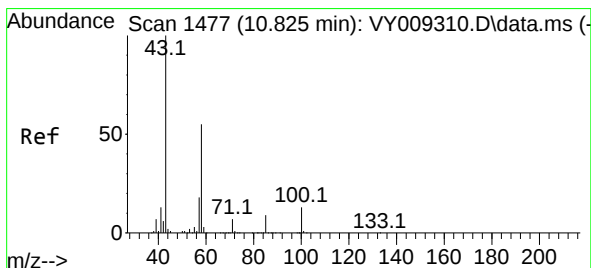
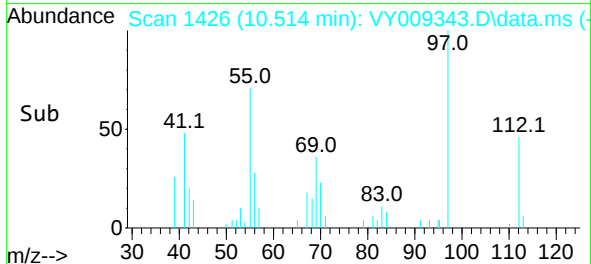
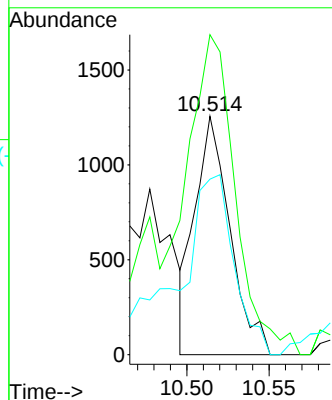
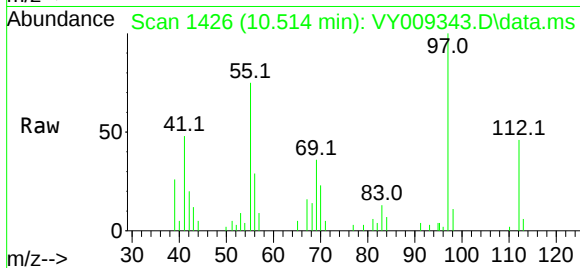
Tgt Ion: 69 Resp: 1860

Ion Ratio Lower Upper

69 100

41 188.9 50.4 75.6#

39 132.6 27.6 41.4#



#59

2-Hexanone

Concen: 1.285 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.012 min

Lab File: VY009343.D

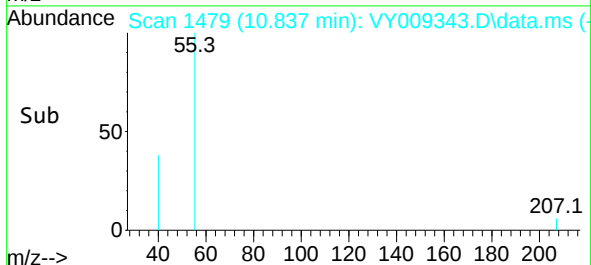
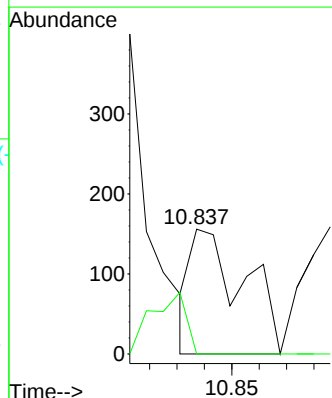
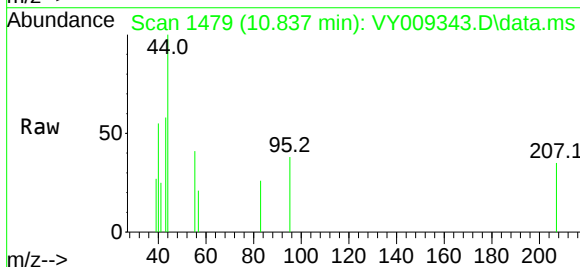
Acq: 27 Jun 2022 15:23

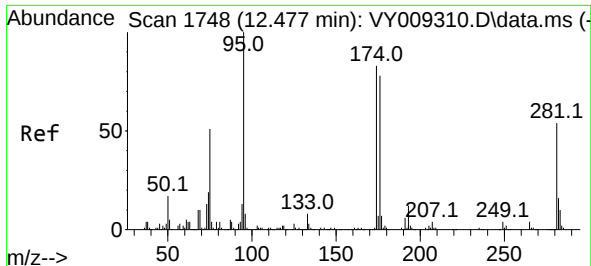
Tgt Ion: 43 Resp: 210

Ion Ratio Lower Upper

43 100

58 31.9 27.6 82.8





#62

4-Bromofluorobenzene

Concen: 37.659 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SP-EXC-2-3RE

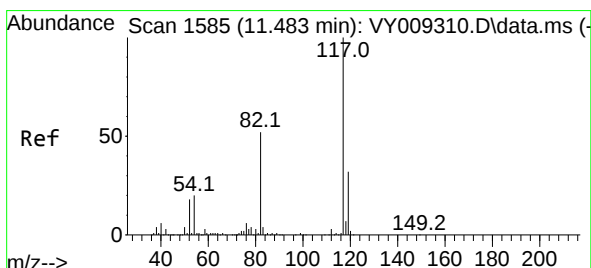
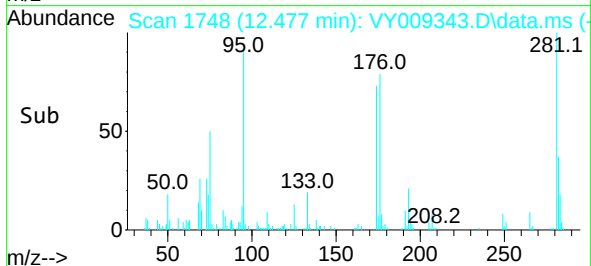
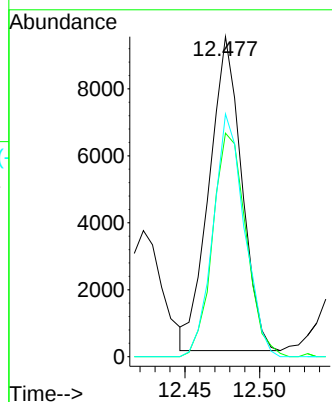
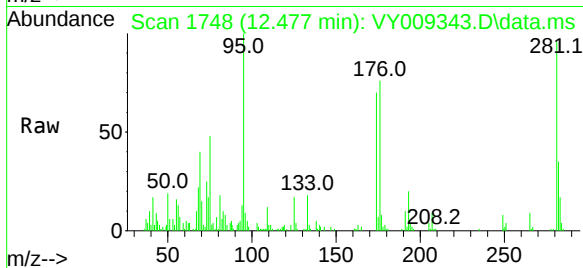
Tgt Ion: 95 Resp: 14164

Ion Ratio Lower Upper

95 100

174 73.0 0.0 173.8

176 74.1 0.0 167.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.006 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

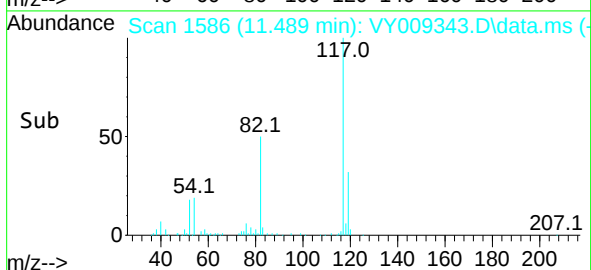
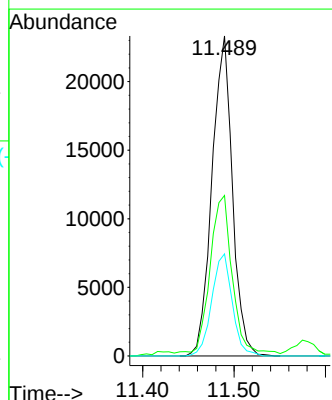
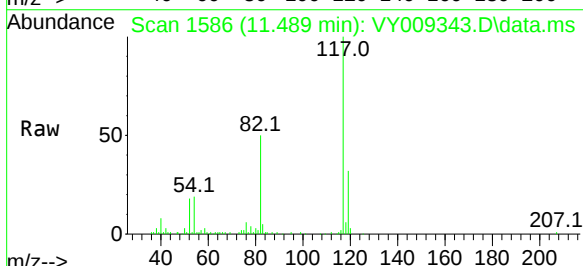
Tgt Ion: 117 Resp: 36098

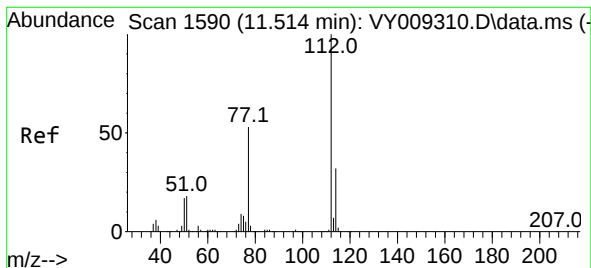
Ion Ratio Lower Upper

117 100

82 49.4 41.8 62.6

119 31.9 25.6 38.4





#65

Chlorobenzene

Concen: 1.890 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

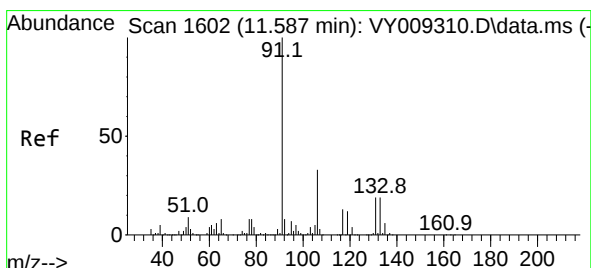
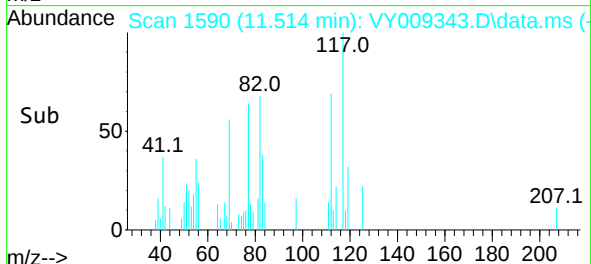
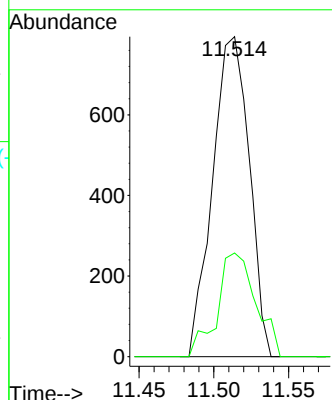
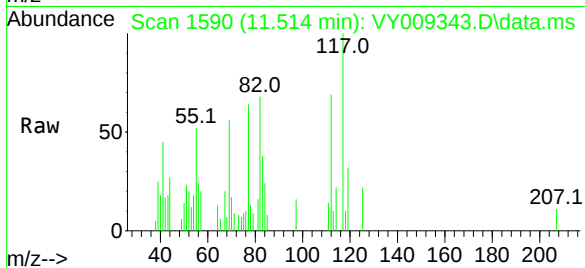
SP-EXC-2-3RE

Tgt Ion:112 Resp: 1354

Ion Ratio Lower Upper

112 100

114 32.4 25.3 37.9



#67

Ethyl Benzene

Concen: 1.165 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009343.D

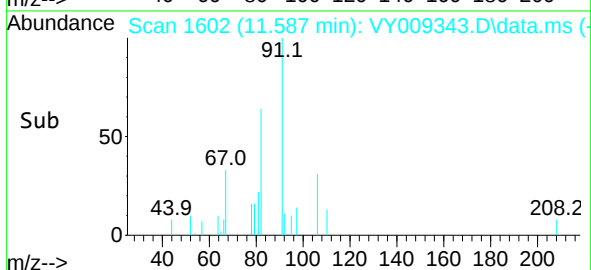
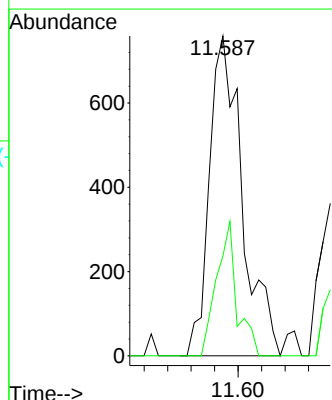
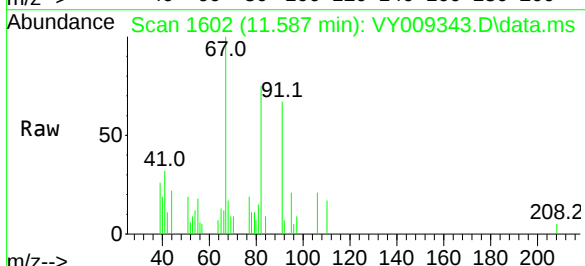
Acq: 27 Jun 2022 15:23

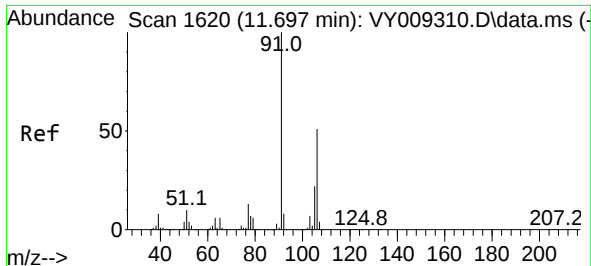
Tgt Ion: 91 Resp: 1473

Ion Ratio Lower Upper

91 100

106 31.2 26.2 39.4

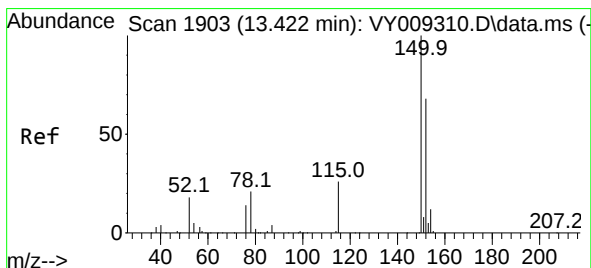
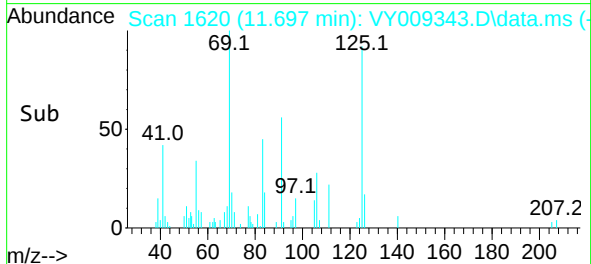
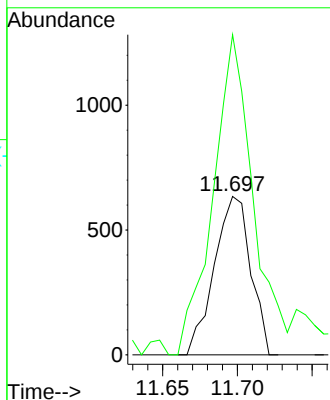
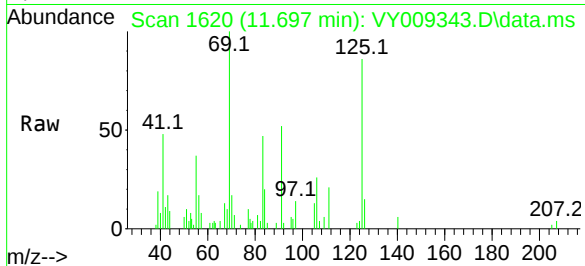




#68
m/p-Xylenes
Concen: 2.156 ug/l
RT: 11.697 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

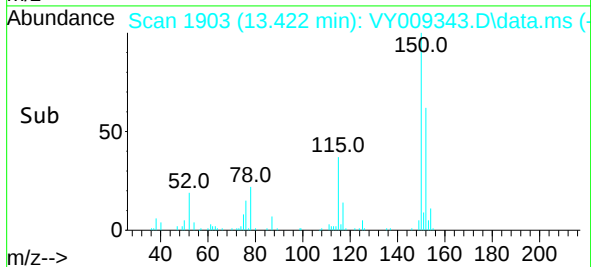
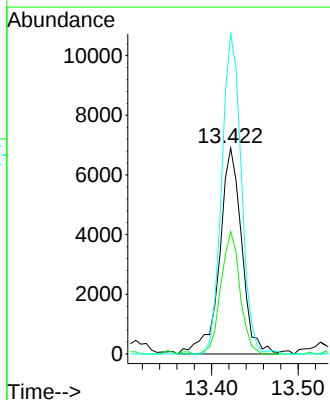
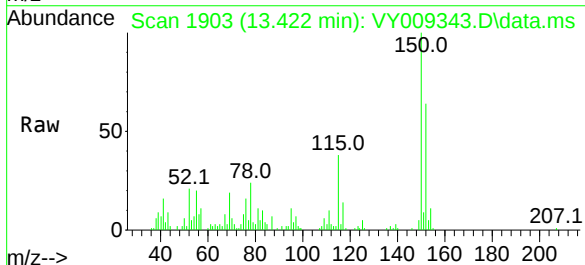
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

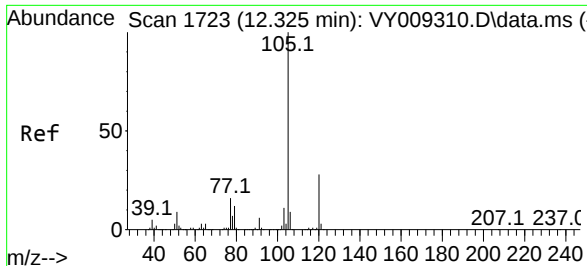
Tgt Ion:106 Resp: 1071
Ion Ratio Lower Upper
106 100
91 221.6 156.2 234.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion:152 Resp: 12258
Ion Ratio Lower Upper
152 100
115 51.1 28.6 85.9
150 137.8 0.0 349.8

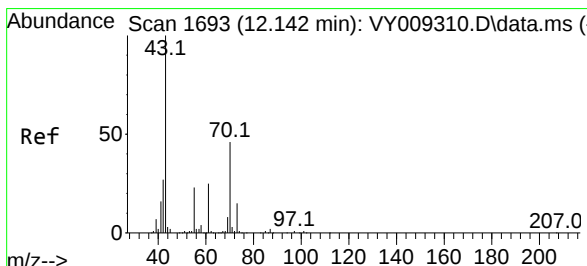
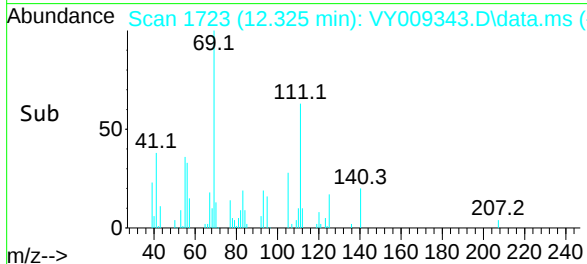
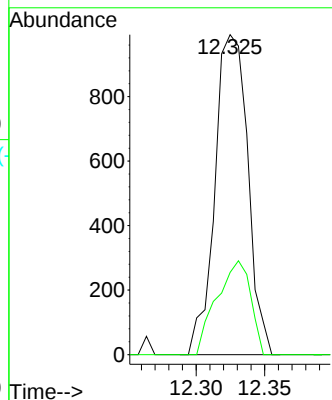
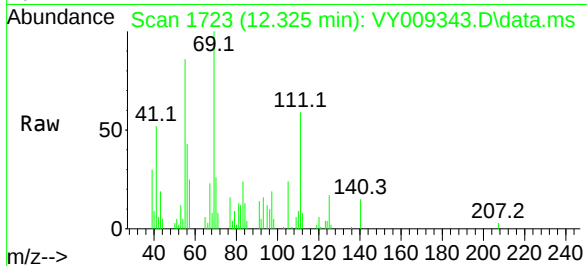




#73
Isopropylbenzene
Concen: 1.963 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

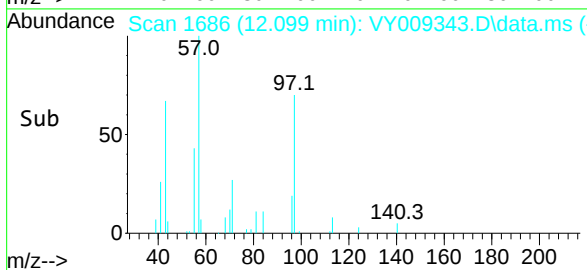
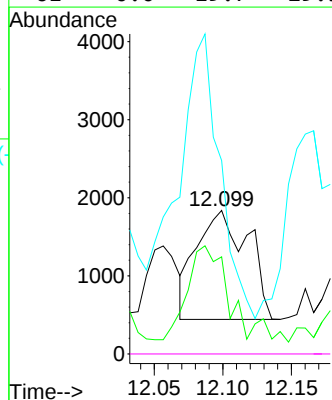
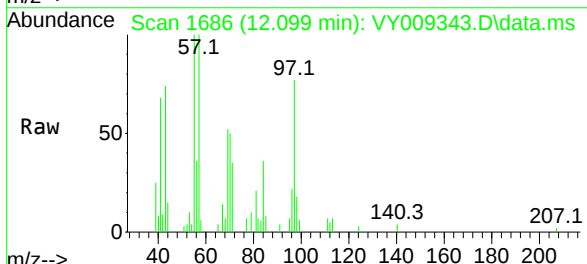
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

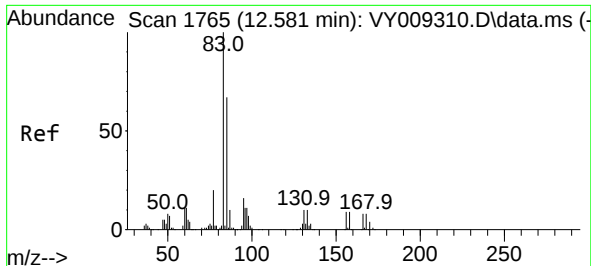
Tgt Ion:105 Resp: 1659
Ion Ratio Lower Upper
105 100
120 30.1 13.7 41.1



#74
N-ethyl acetate
Concen: 16.073 ug/l
RT: 12.099 min Scan# 1686
Delta R.T. -0.043 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 43 Resp: 3649
Ion Ratio Lower Upper
43 100
70 65.4 35.6 53.4#
55 210.9 19.5 29.3#
61 0.0 19.7 29.5#

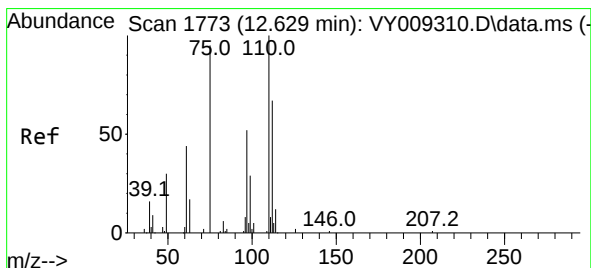
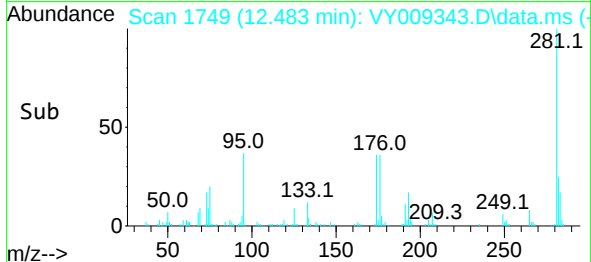
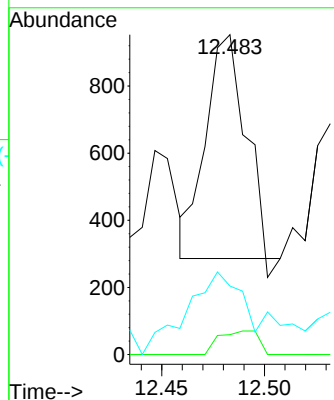
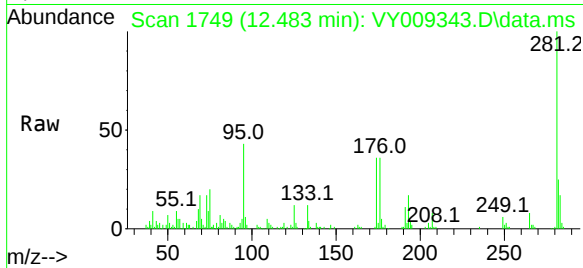




#75
1,1,2,2-Tetrachloroethane
Concen: 5.612 ug/l
RT: 12.483 min Scan# 1748
Delta R.T. -0.097 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

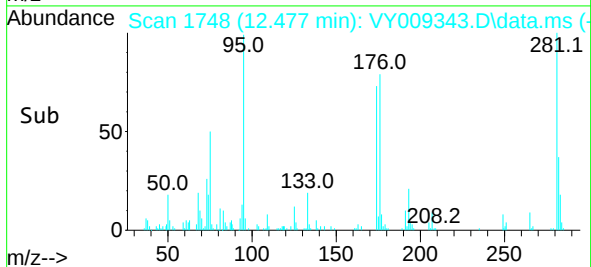
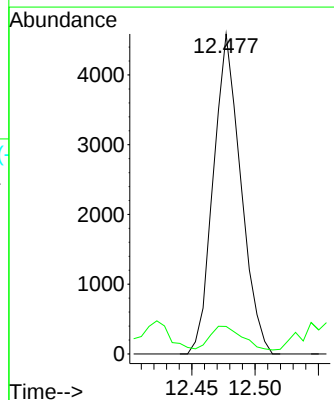
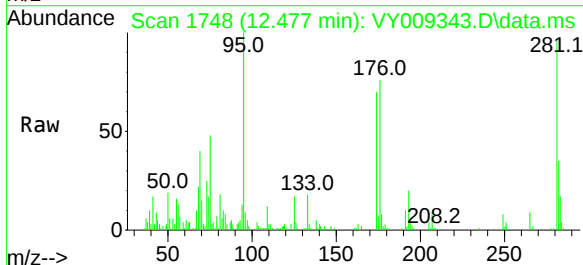
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

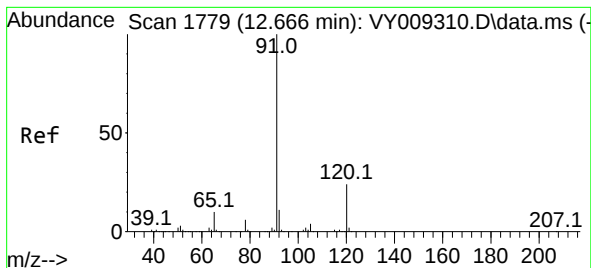
Tgt Ion: 83 Resp: 894
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 68.3 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 58.149 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 75 Resp: 6917
Ion Ratio Lower Upper
75 100
77 8.6 0.0 0.0#





#78

n-propylbenzene

Concen: 2.193 ug/l

RT: 12.666 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

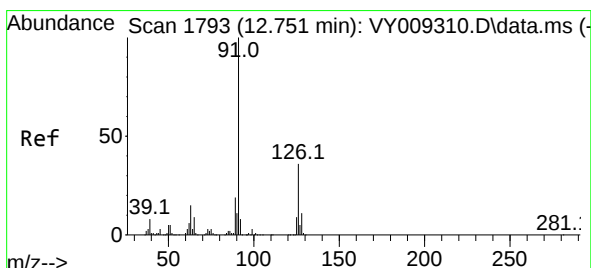
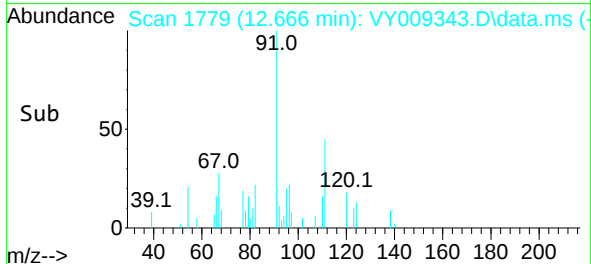
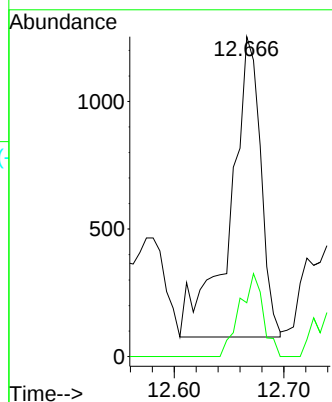
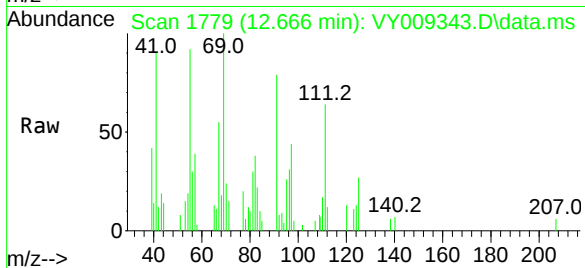
SP-EXC-2-3RE

Tgt Ion: 91 Resp: 2286

Ion Ratio Lower Upper

91 100

120 21.1 11.9 35.5



#79

2-Chlorotoluene

Concen: 1.680 ug/l

RT: 12.843 min Scan# 1808

Delta R.T. 0.092 min

Lab File: VY009343.D

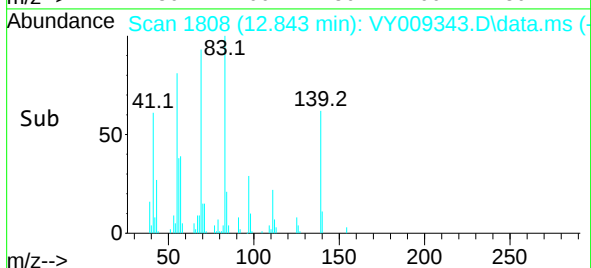
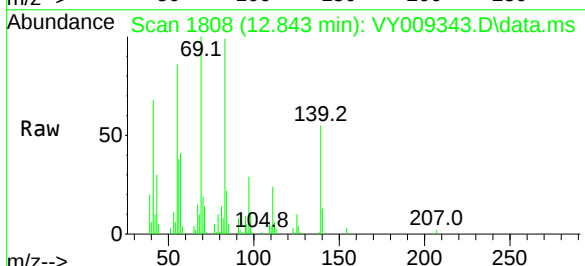
Acq: 27 Jun 2022 15:23

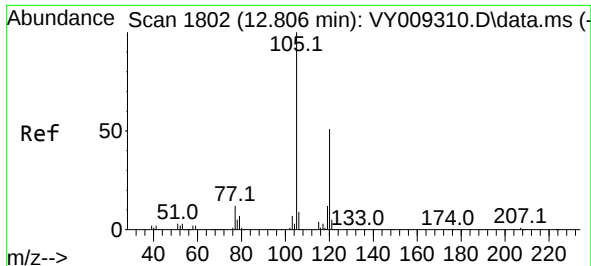
Tgt Ion: 91 Resp: 973

Ion Ratio Lower Upper

91 100

126 23.8 17.8 53.4

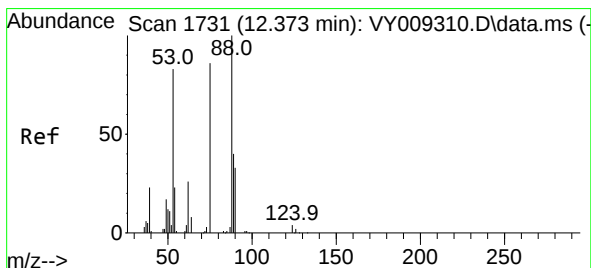
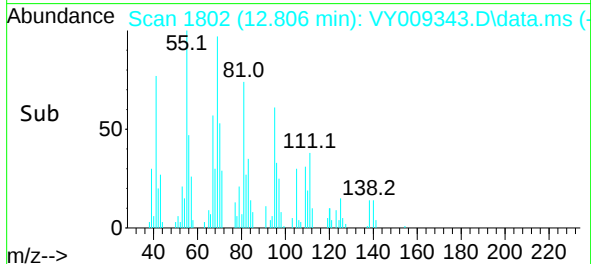
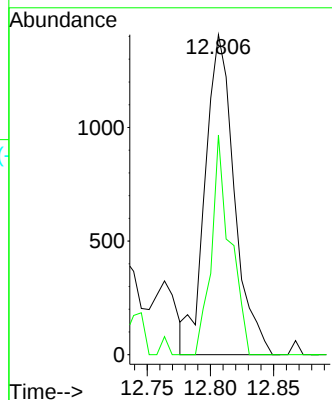
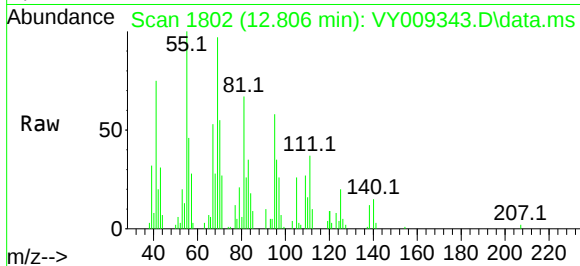




#80
 1,3,5-Trimethylbenzene
 Concen: 3.179 ug/l
 RT: 12.806 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009343.D
 Acq: 27 Jun 2022 15:23

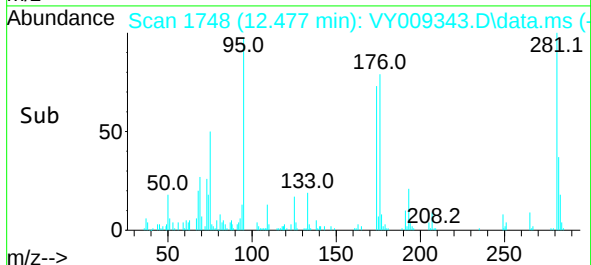
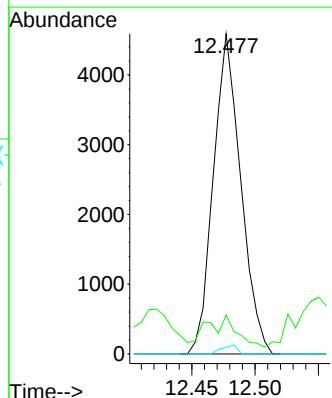
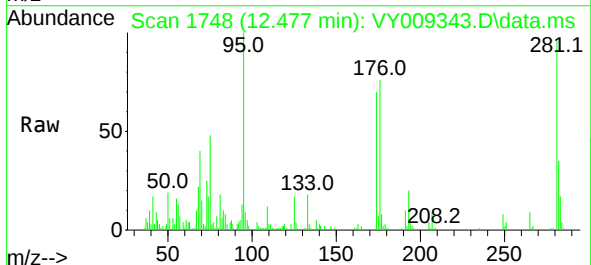
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-EXC-2-3RE

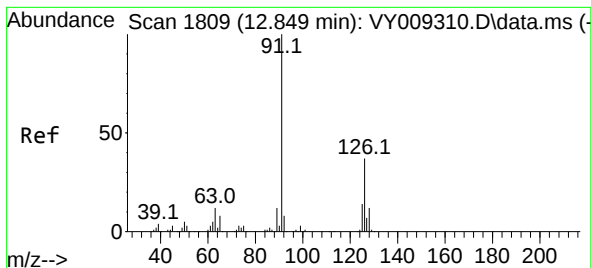
Tgt Ion:105 Resp: 2263
 Ion Ratio Lower Upper
 105 100
 120 44.2 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.108 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY009343.D
 Acq: 27 Jun 2022 15:23

Tgt Ion: 75 Resp: 6917
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 1.5 38.1 57.1#

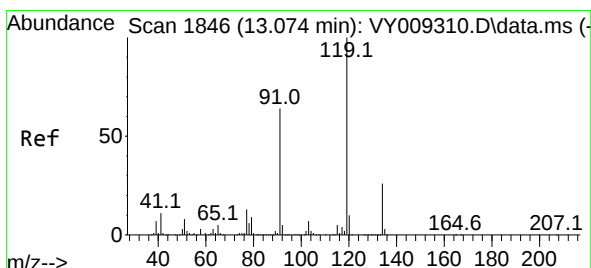
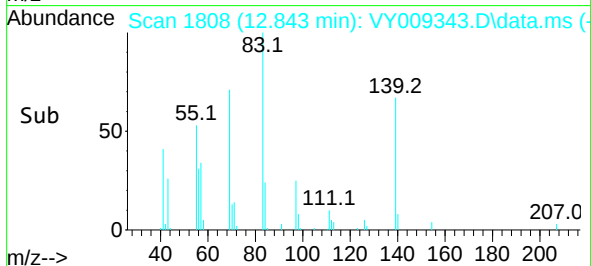
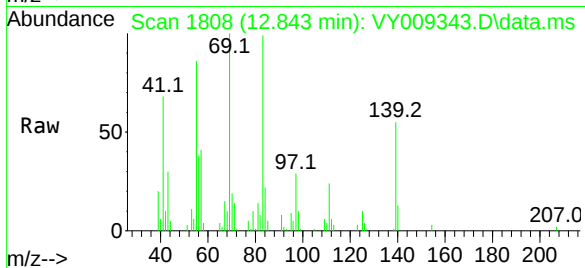




#82
4-Chlorotoluene
Concen: 1.205 ug/l
RT: 12.843 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

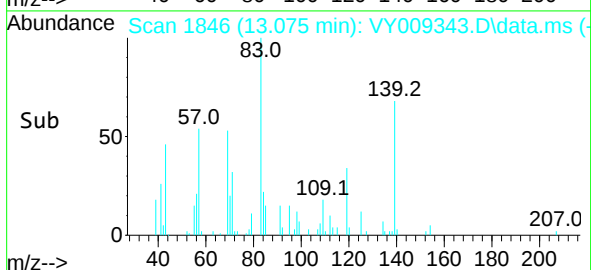
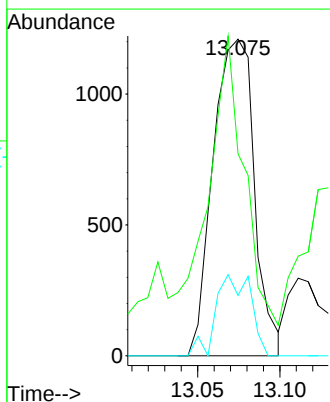
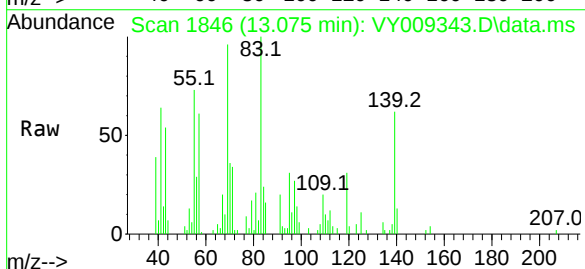
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

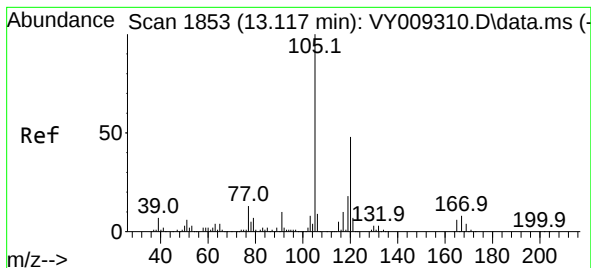
Tgt Ion: 91 Resp: 727
Ion Ratio Lower Upper
91 100
126 31.9 18.0 54.0



#83
tert-Butylbenzene
Concen: 3.393 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 119 Resp: 2112
Ion Ratio Lower Upper
119 100
91 74.5 32.0 96.0
134 21.5 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 4.844 ug/l

RT: 13.123 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

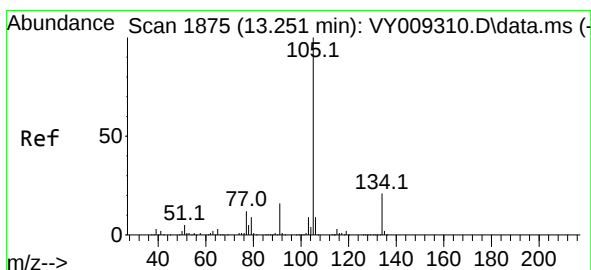
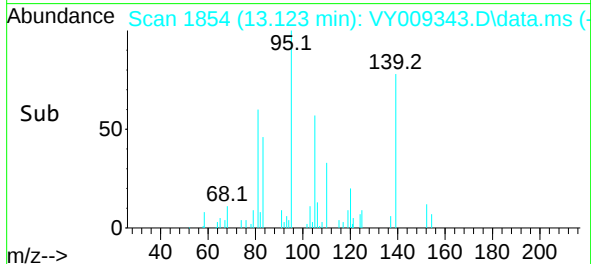
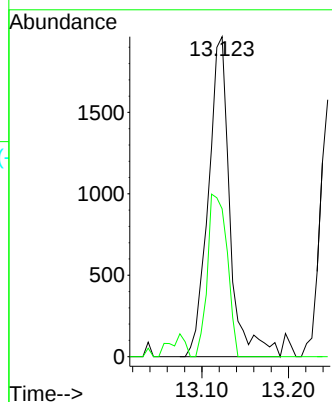
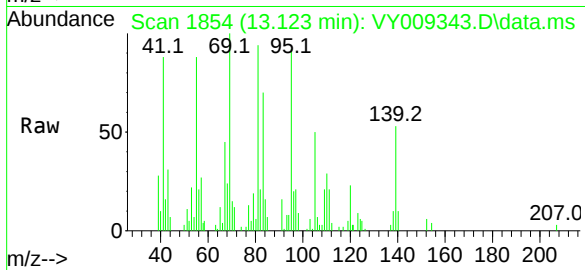
SP-EXC-2-3RE

Tgt Ion:105 Resp: 3400

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.3



#85

sec-Butylbenzene

Concen: 3.711 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009343.D

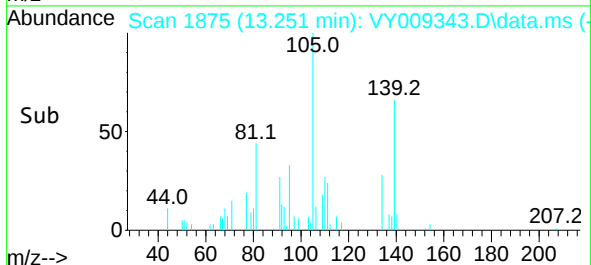
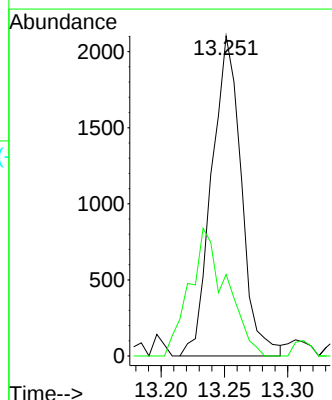
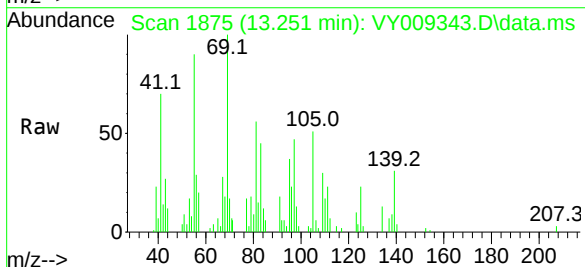
Acq: 27 Jun 2022 15:23

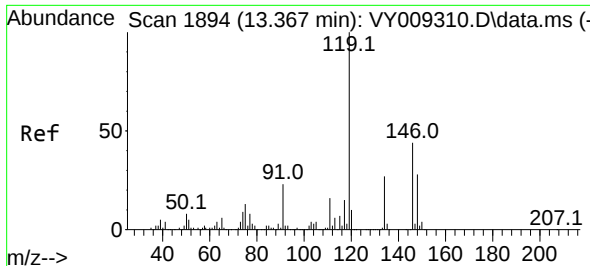
Tgt Ion:105 Resp: 3427

Ion Ratio Lower Upper

105 100

134 49.5 10.5 31.6#

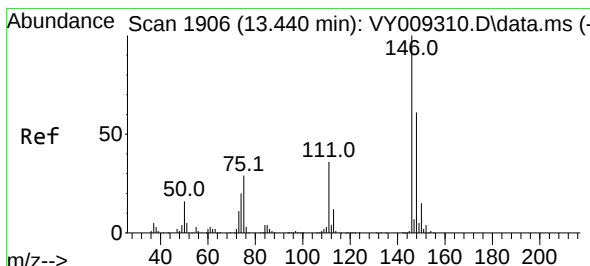
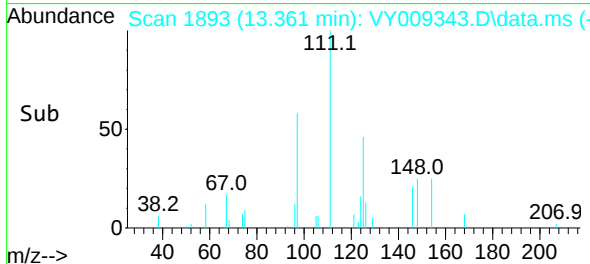
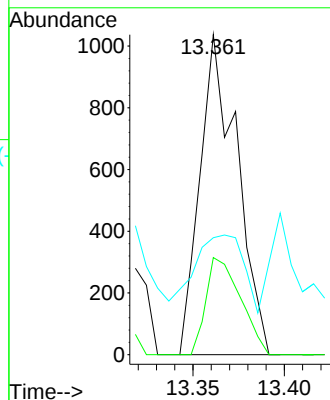
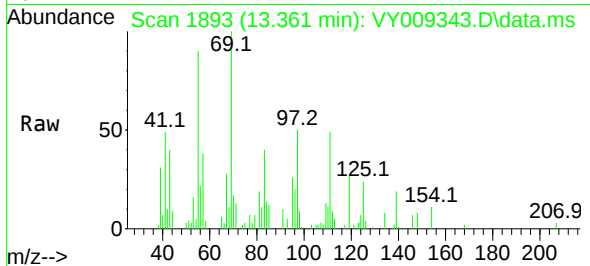




#86
p-Isopropyltoluene
Concen: 1.916 ug/l
RT: 13.361 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

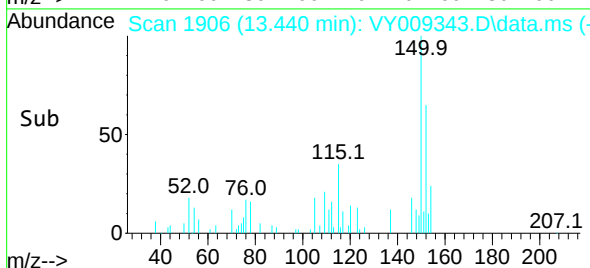
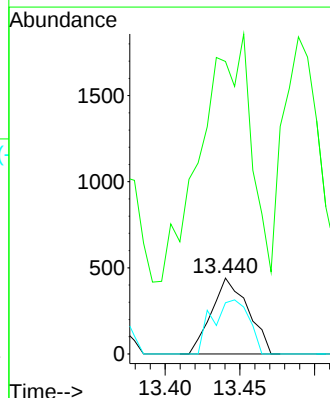
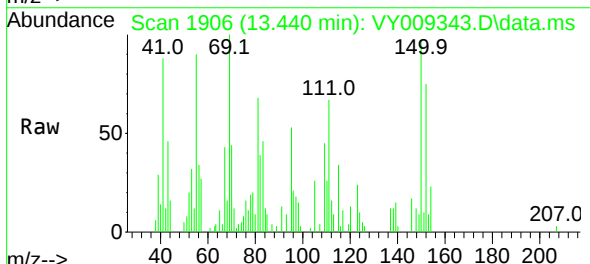
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

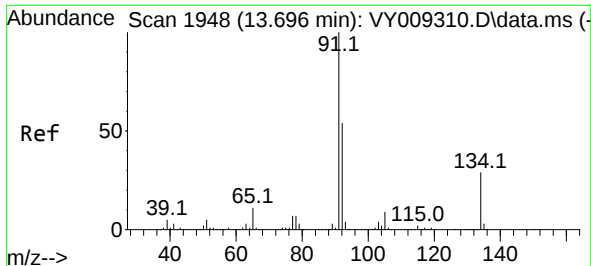
Tgt Ion:	119	Resp:	1464
Ion Ratio	Lower	Upper	
119	100		
134	28.3	13.5	40.4
91	32.0	11.6	34.8



#88
1,4-Dichlorobenzene
Concen: 1.855 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion:	146	Resp:	746
Ion Ratio	Lower	Upper	
146	100		
111	442.9	18.9	56.9#
148	71.8	31.6	95.0

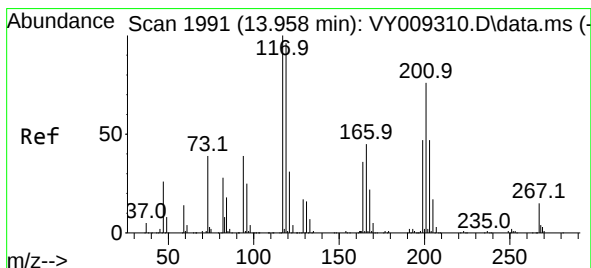
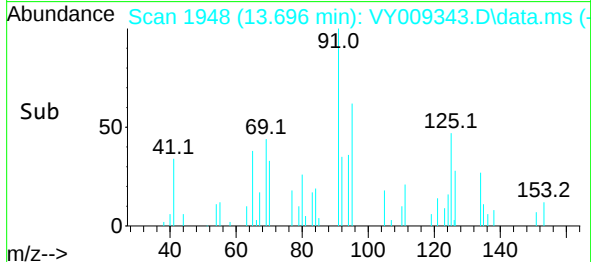
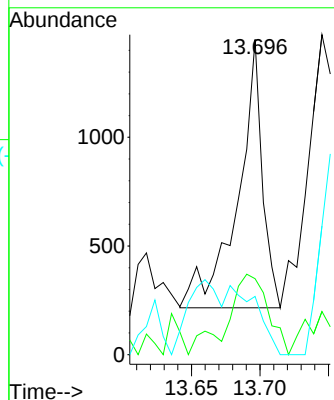
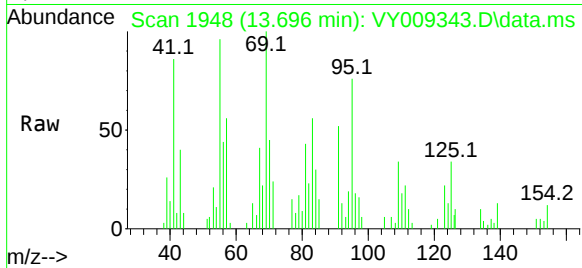




#89
n-Butylbenzene
Concen: 2.151 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

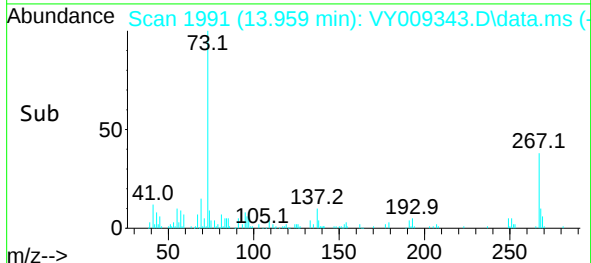
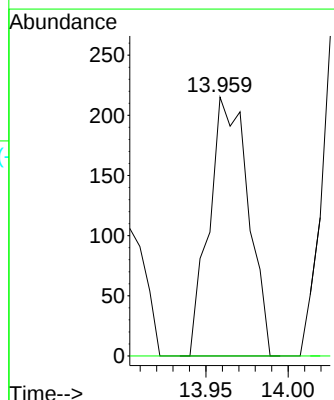
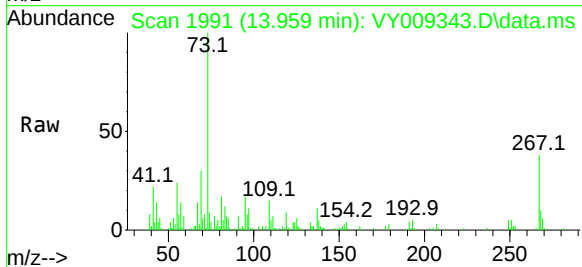
Instrument :
MSVOA_Y
ClientSampleId :
SP-EXC-2-3RE

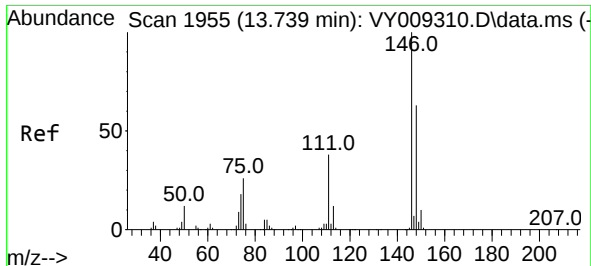
Tgt Ion: 91 Resp: 1541
Ion Ratio Lower Upper
91 100
92 41.3 26.9 80.7
134 0.0 14.0 41.9#



#90
Hexachloroethane
Concen: 2.449 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009343.D
Acq: 27 Jun 2022 15:23

Tgt Ion: 117 Resp: 354
Ion Ratio Lower Upper
117 100
201 0.0 38.8 116.3#





#91

1,2-Dichlorobenzene

Concen: 2.608 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

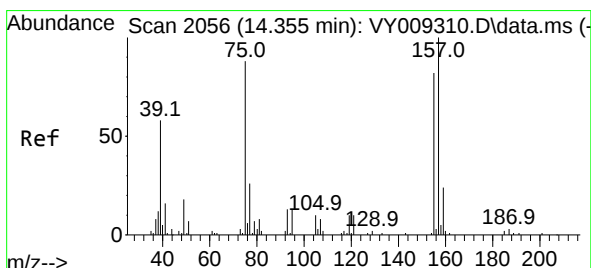
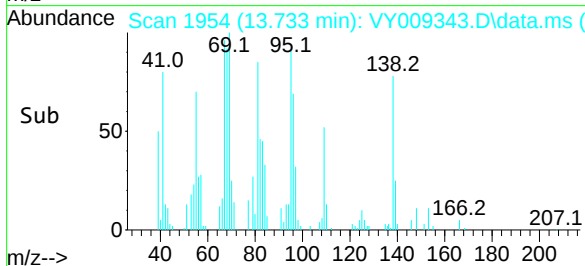
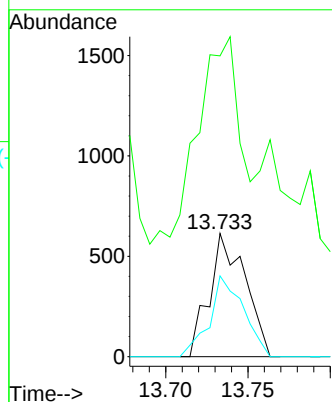
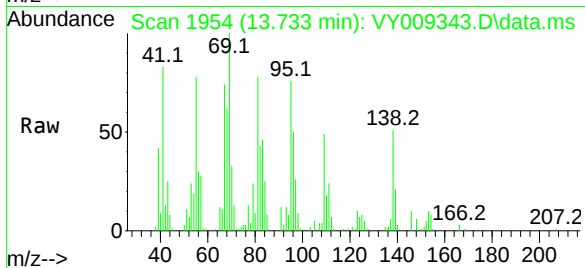
Instrument :

MSVOA_Y

ClientSampleId :

SP-EXC-2-3RE

Tgt Ion:146	Resp:	933
Ion Ratio	Lower	Upper
146	100	
111	182.4	19.7 59.1#
148	61.8	32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.998 ug/l

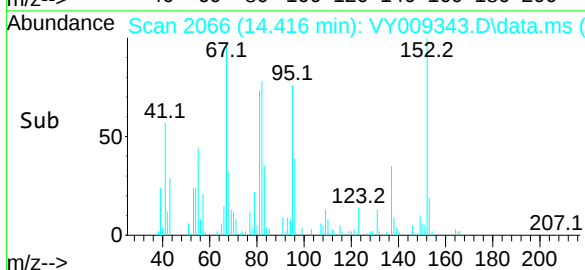
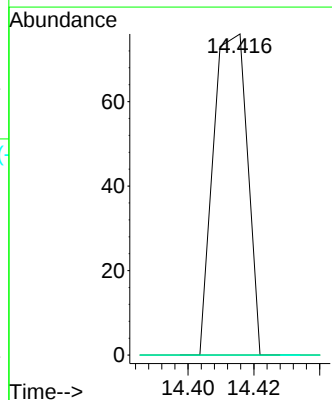
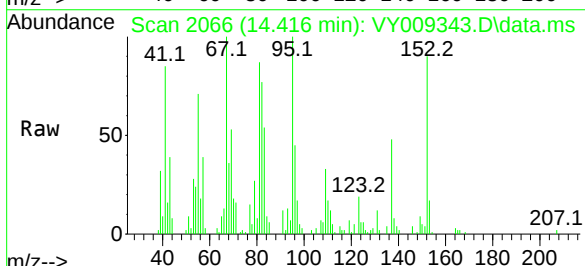
RT: 14.416 min Scan# 2066

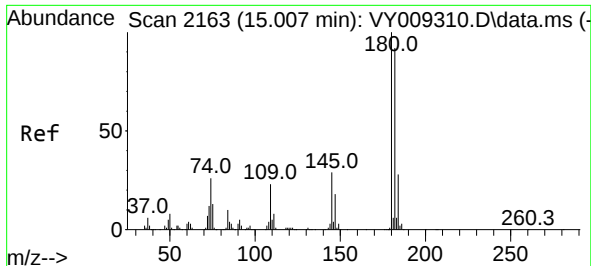
Delta R.T. 0.061 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Tgt Ion: 75	Resp:	55
Ion Ratio	Lower	Upper
75	100	
155	0.0	46.4 139.1#
157	0.0	57.6 172.7#





#93

1,2,4-Trichlorobenzene

Concen: 4.191 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SP-EXC-2-3RE

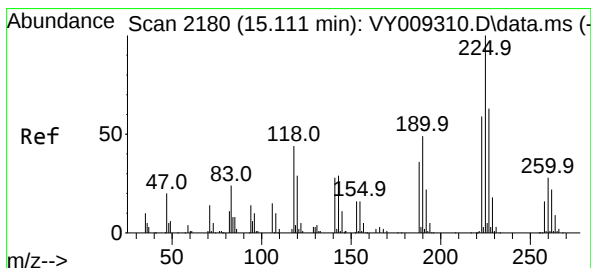
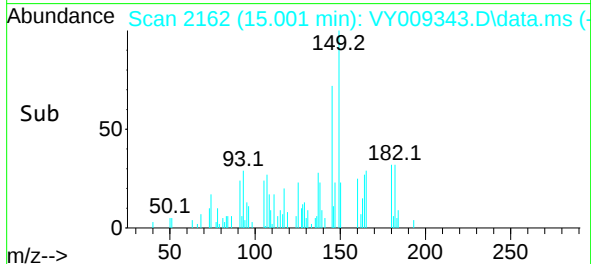
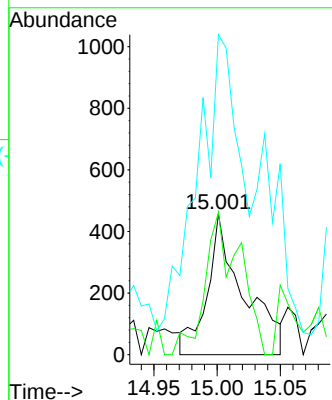
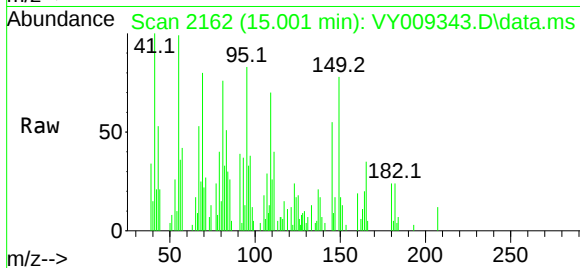
Tgt Ion:180 Resp: 902

Ion Ratio Lower Upper

180 100

182 99.1 47.3 141.9

145 241.9 15.1 45.3#



#94

Hexachlorobutadiene

Concen: 1.203 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

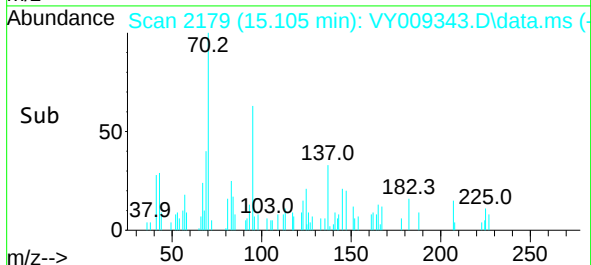
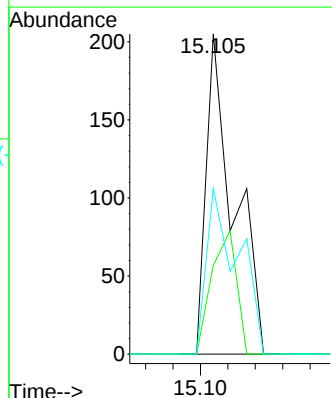
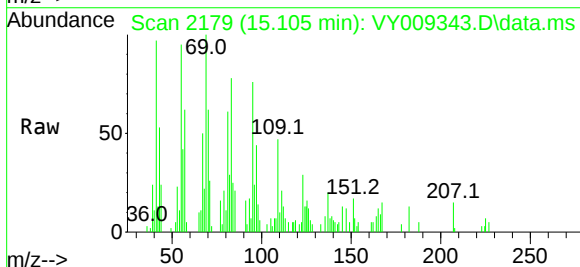
Tgt Ion:225 Resp: 143

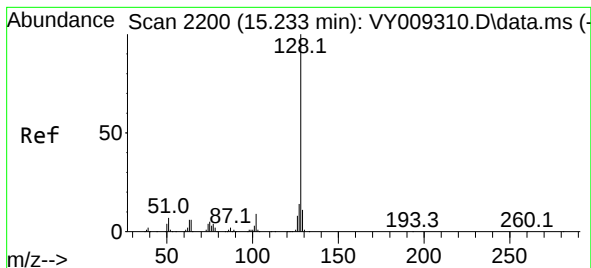
Ion Ratio Lower Upper

225 100

223 35.0 30.8 92.3

227 59.4 31.9 95.5





#95

Naphthalene

Concen: 5.071 ug/l

RT: 15.227 min Scan# 2199

Delta R.T. -0.006 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SP-EXC-2-3RE

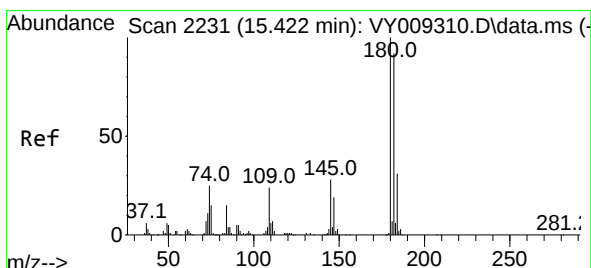
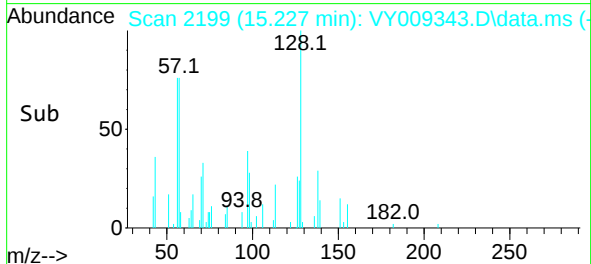
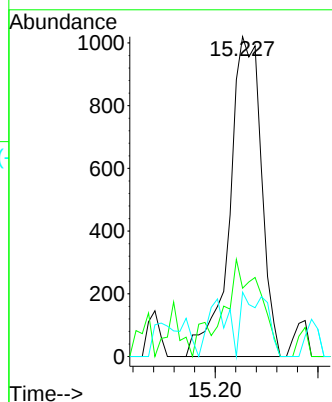
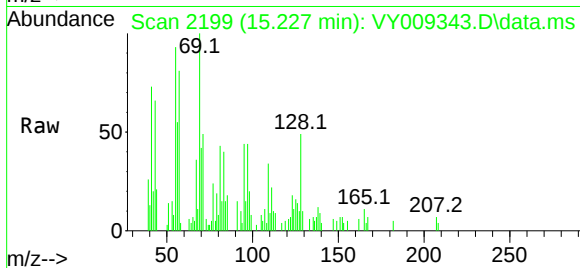
Tgt Ion:128 Resp: 2185

Ion Ratio Lower Upper

128 100

127 30.5 10.6 15.8#

129 15.8 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 6.045 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY009343.D

Acq: 27 Jun 2022 15:23

Tgt Ion:180 Resp: 1127

Ion Ratio Lower Upper

180 100

182 60.4 47.0 141.0

145 0.0 15.6 46.7#

