

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009659.D
 Acq On : 22 Jul 2022 15:00
 Operator : KP/MD
 Sample : N3773-16
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(5-5.5)

Quant Time: Jul 23 00:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.780	168	182482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.682	114	289991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.487	117	278413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.425	152	134389	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.134	65	83089	48.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.280%
35) Dibromofluoromethane	7.713	113	81341	44.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.040%
50) Toluene-d8	10.176	98	401364	57.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.300%
62) 4-Bromofluorobenzene	12.480	95	135343	59.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	118.940%

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.945	59	2267	Below Cal	#	77
13) Acrolein	3.683	56	25422	206.041	ug/l #	1
14) Allyl chloride	4.555	41	24104	9.285	ug/l #	78
15) Acrylonitrile	5.226	53	100403	211.314	ug/l #	40
16) Acetone	3.927	43	137633	315.251	ug/l #	65
19) Methyl tert-butyl Ether	5.213	73	46776	10.576	ug/l #	1
20) Methylene Chloride	4.695	84	48388	15.240	ug/l #	38
22) Diisopropyl ether	6.104	45	7739	1.396	ug/l #	1
23) Vinyl Acetate	6.085	43	29564	8.453	ug/l #	80
24) 1,1-Dichloroethane	6.091	63	8707	2.720	ug/l #	82
25) 2-Butanone	6.969	43	40921	64.257	ug/l #	65
28) Bromochloromethane	7.512	49	2784	2.029	ug/l #	16
29) Tetrahydrofuran	7.341	42	3131	7.488	ug/l #	38
30) Chloroform	7.457	83	92719	28.310	ug/l #	18
31) Cyclohexane	7.768	56	1541857	506.669	ug/l #	82
37) Ethyl Acetate	6.969	43	40921	27.234	ug/l #	75
38) Carbon Tetrachloride	7.786	117	16480	5.831	ug/l #	13
39) Methylcyclohexane	9.176	83	2062645	619.631	ug/l	93
40) Benzene	8.152	78	534198	67.624	ug/l	95
41) Methacrylonitrile	7.341	41	23370	32.413	ug/l #	47
42) 1,2-Dichloroethane	8.274	62	4023	1.815	ug/l #	1
43) Isopropyl Acetate	8.262	43	269741	97.972	ug/l #	57
45) 1,2-Dichloropropane	9.176	63	23014	11.874	ug/l #	1
47) Bromodichloromethane	9.475	83	82591	31.291	ug/l #	26
48) Methyl methacrylate	9.316	41	84323	69.320	ug/l #	34
51) 4-Methyl-2-Pentanone	10.109	43	216904	151.729	ug/l #	88
52) Toluene	10.237	92	67408	13.471	ug/l	98
55) 1,1,2-Trichloroethane	10.615	97	351678	221.840	ug/l #	22
56) Ethyl methacrylate	10.517	69	40134	19.788	ug/l #	55
58) 2-Chloroethyl Vinyl ether	9.755	63	10981	37.174	ug/l #	48
59) 2-Hexanone	10.798	43	225113	226.409	ug/l #	34
61) 1,2-Dibromoethane	11.060	107	2226	1.439	ug/l #	1
67) Ethyl Benzene	11.590	91	7304722	730.015	ug/l	92
68) m/p-Xylenes	11.700	106	3885193	975.615	ug/l	88
69) o-Xylene	12.023	106	300669	80.680	ug/l	92
70) Styrene	12.023	104	15520	2.504	ug/l #	1

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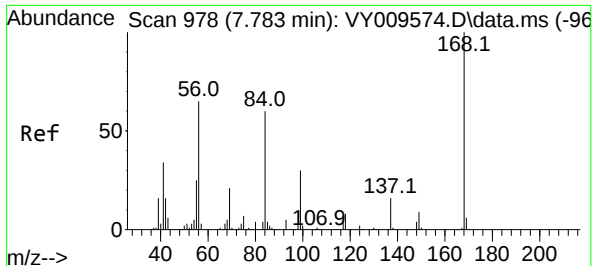
Instrument :
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 Response via : Initial Calibration

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

73) Isopropylbenzene	12.328	105	1137676	122.270	ug/l	99
74) N-amyl acetate	12.121	43	122620	49.551	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.566	83	4587	2.462	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	29221	22.825	ug/l #	100
78) n-propylbenzene	12.669	91	4915475	437.193	ug/l	96
79) 2-Chlorotoluene	12.767	91	670202	107.513	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.810	105	5706723	742.237	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.328	75	12093	18.626	ug/l #	58
82) 4-Chlorotoluene	12.810	91	617190	95.437	ug/l #	41
83) tert-Butylbenzene	13.121	119	1657523	242.655	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.121	105	11381286	1480.166	ug/l	87
85) sec-Butylbenzene	13.249	105	387133	38.226	ug/l #	52
86) p-Isopropyltoluene	13.371	119	199854	23.482	ug/l	98
89) n-Butylbenzene	13.694	91	736099	94.699	ug/l #	74
90) Hexachloroethane	13.968	117	290866	177.388	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.334	75	14713	51.900	ug/l #	6
95) Naphthalene	15.236	128	2528460	521.835	ug/l	99

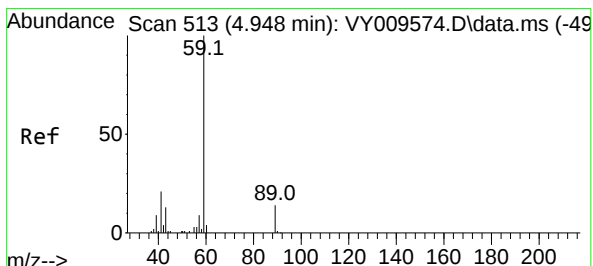
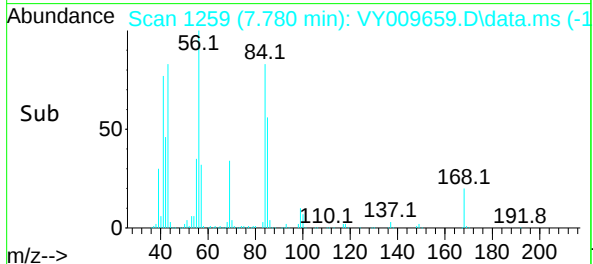
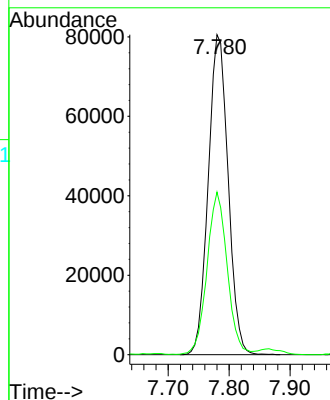
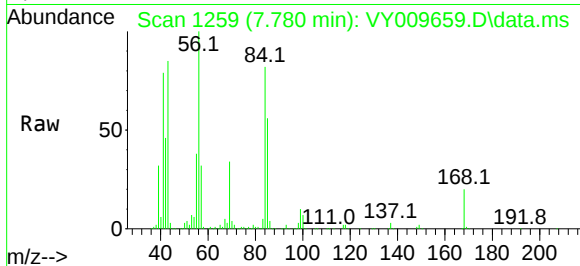
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.780 min Scan# 11
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

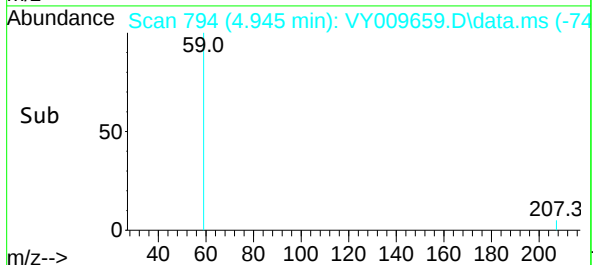
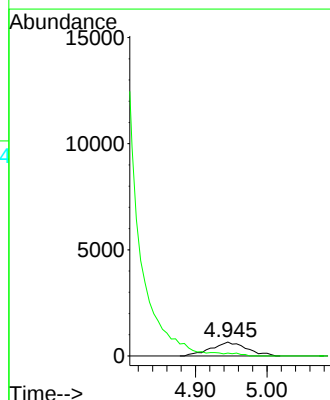
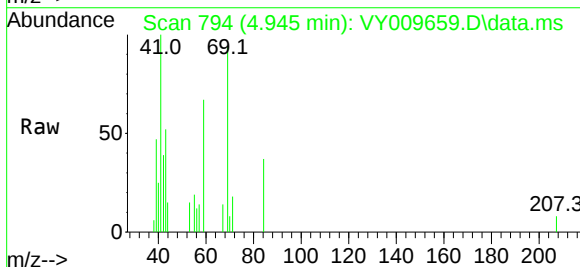
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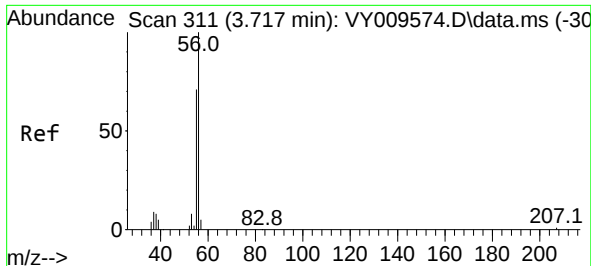
Tgt Ion:168 Resp: 182482
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.945 min Scan# 794
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 59 Resp: 2267
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

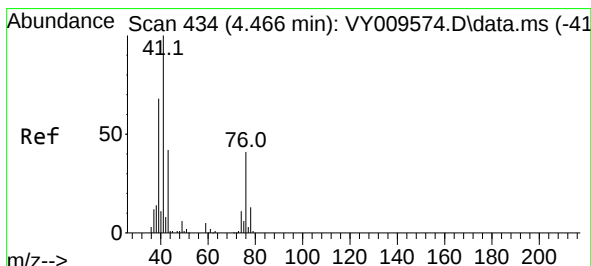
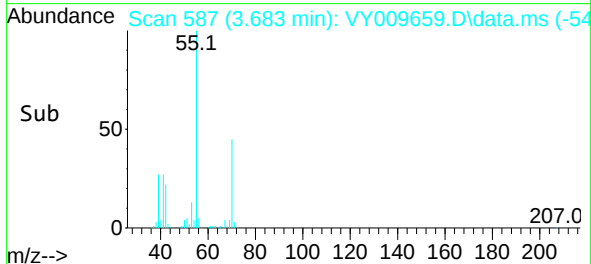
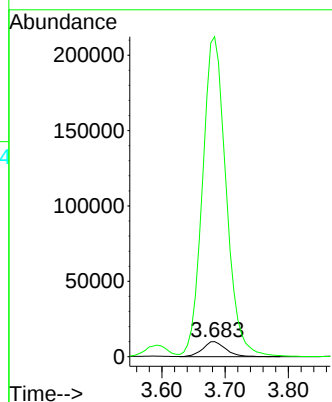
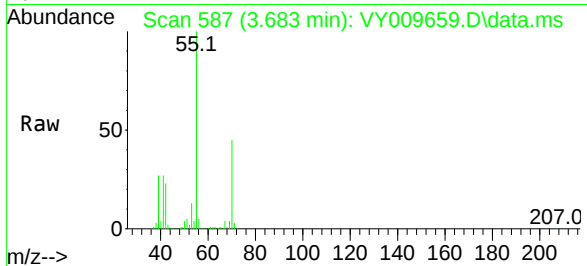




#13
Acrolein
Concen: 206.041 ug/l
RT: 3.683 min Scan# 51
Delta R.T. -0.033 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

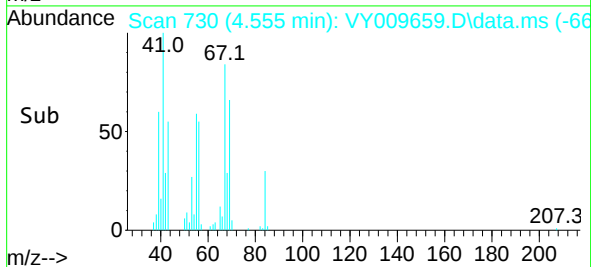
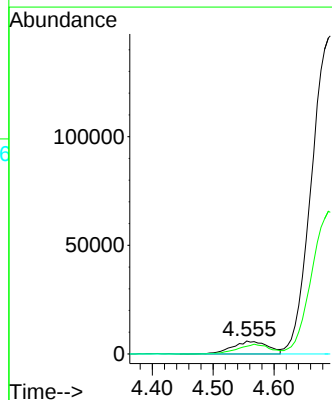
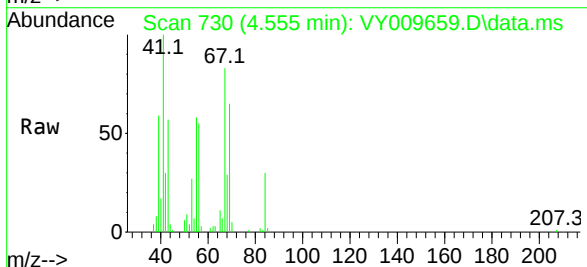
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

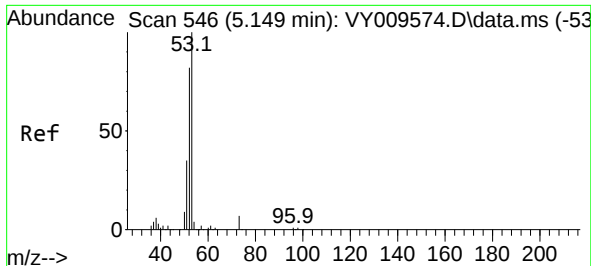
Tgt Ion: 56 Resp: 25422
Ion Ratio Lower Upper
56 100
55 2172.5 57.6 86.4#



#14
Allyl chloride
Concen: 9.285 ug/l
RT: 4.555 min Scan# 730
Delta R.T. 0.089 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 41 Resp: 24104
Ion Ratio Lower Upper
41 100
39 67.5 58.8 88.2
76 0.0 25.1 37.7#

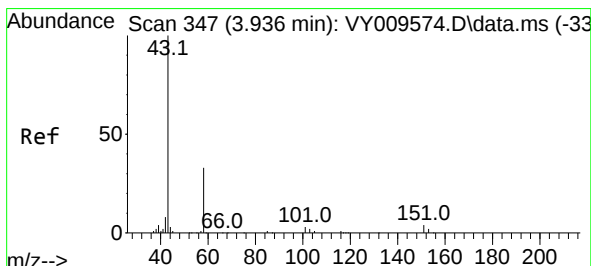
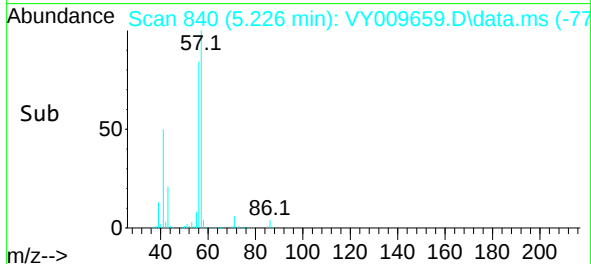
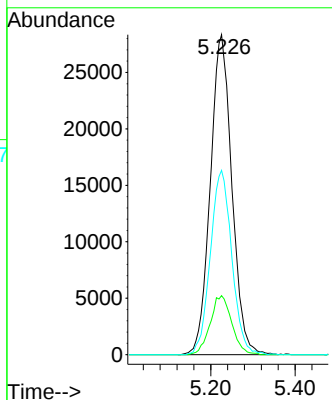
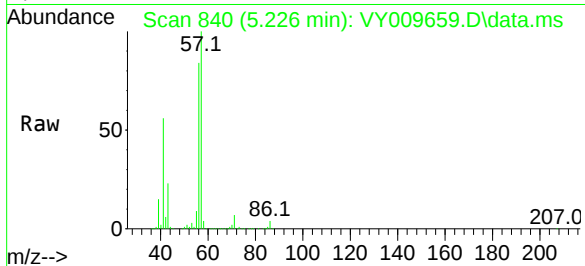




#15
Acrylonitrile
Concen: 211.314 ug/l
RT: 5.226 min Scan# 84
Delta R.T. 0.076 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

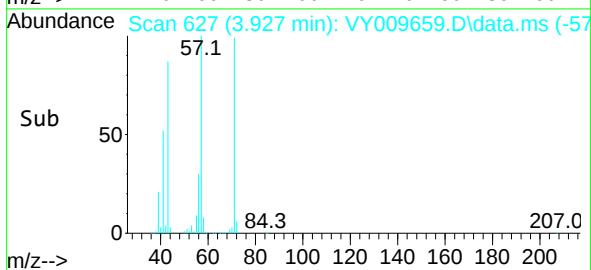
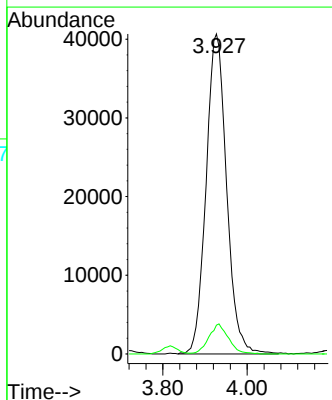
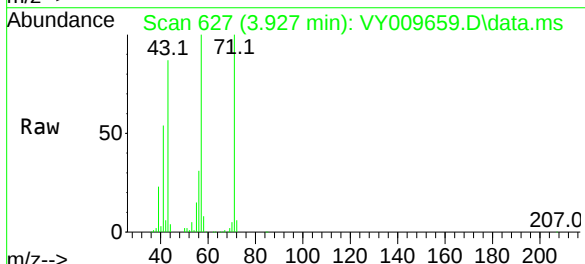
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

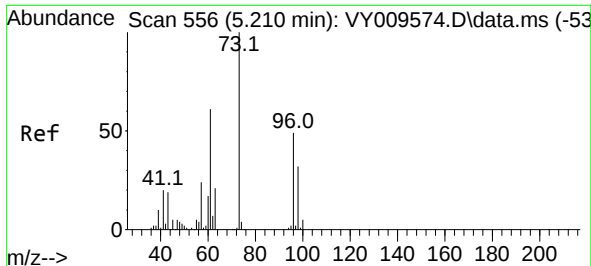
Tgt Ion: 53 Resp: 100403
Ion Ratio Lower Upper
53 100
52 18.5 67.0 100.4#
51 57.5 29.8 44.6#



#16
Acetone
Concen: 315.251 ug/l
RT: 3.927 min Scan# 627
Delta R.T. -0.009 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 43 Resp: 137633
Ion Ratio Lower Upper
43 100
58 9.0 22.0 33.0#

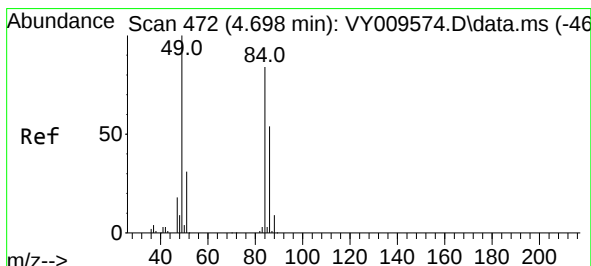
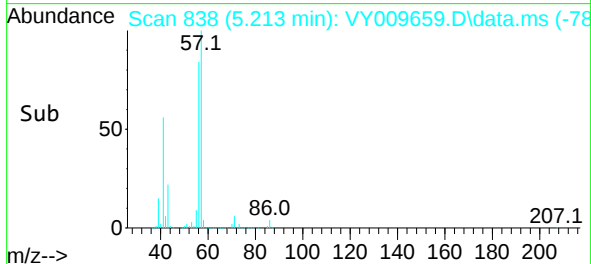
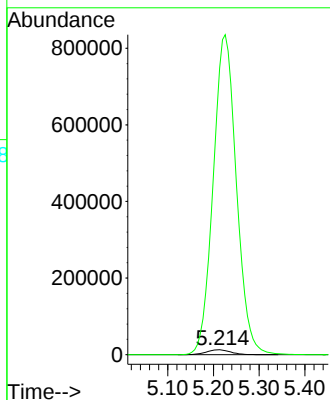
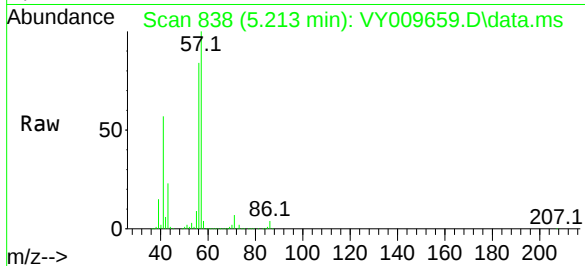




#19
Methyl tert-butyl Ether
Concen: 10.576 ug/l
RT: 5.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

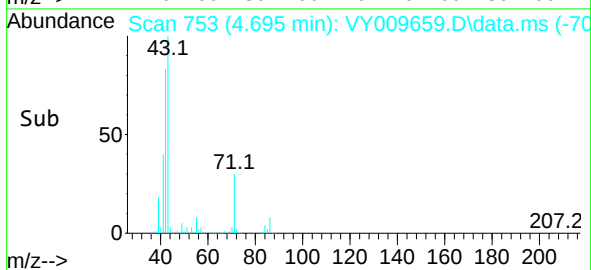
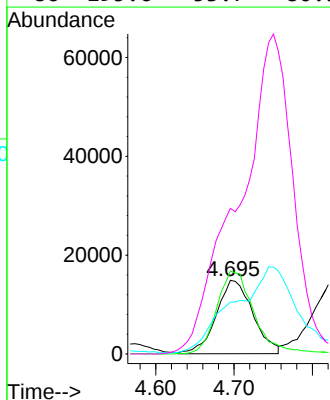
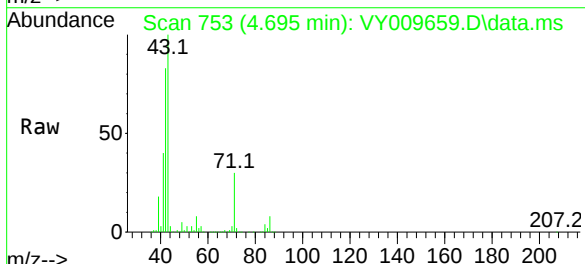
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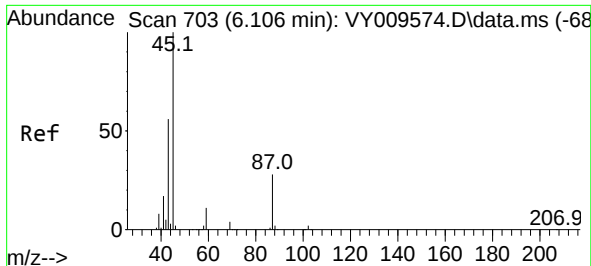
Tgt Ion: 73 Resp: 46776
Ion Ratio Lower Upper
73 100
57 5772.9 18.6 27.8#



#20
Methylene Chloride
Concen: 15.240 ug/l
RT: 4.695 min Scan# 753
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

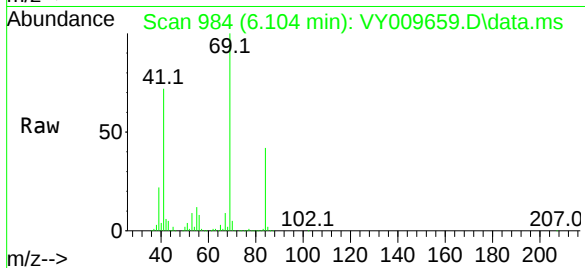
Tgt Ion: 84 Resp: 48388
Ion Ratio Lower Upper
84 100
49 114.2 114.4 171.6#
51 69.5 35.3 52.9#
86 195.6 53.7 80.5#



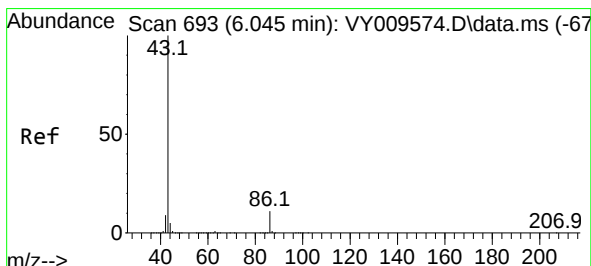
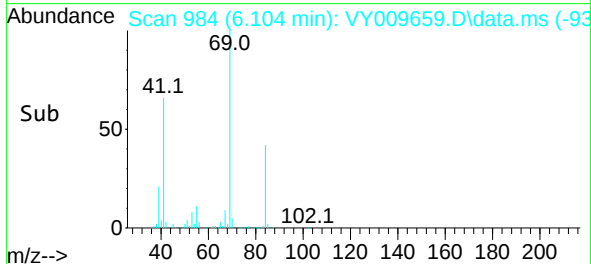
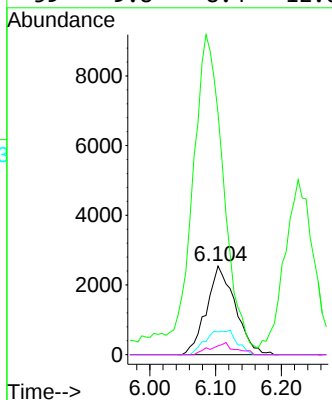


#22
Diisopropyl ether
Concen: 1.396 ug/l
RT: 6.104 min Scan# 91
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Instrument :
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ClientSampleId :
DL-3(5-5.5)

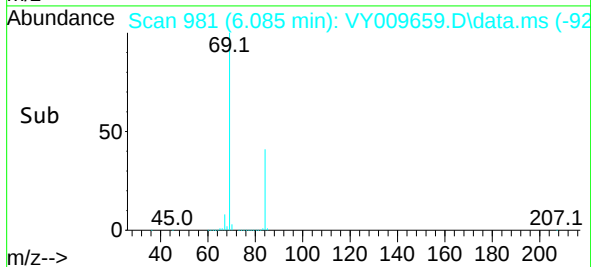
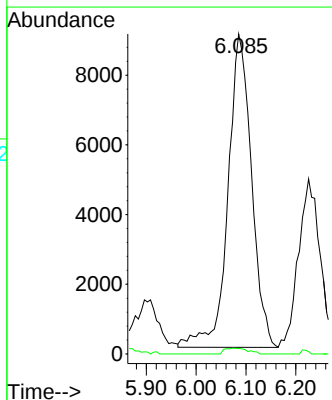
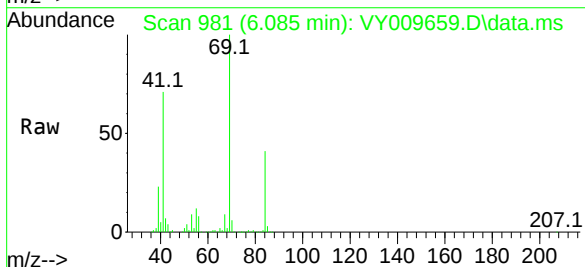


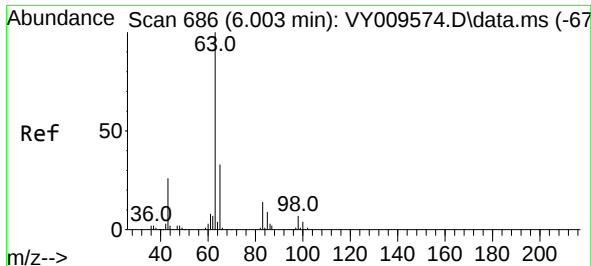
Tgt Ion: 45	Resp: 7739
Ion Ratio	Lower Upper
45 100	
43 229.0	49.3 73.9#
87 25.7	19.2 28.8
59 9.8	8.4 12.6



#23
Vinyl Acetate
Concen: 8.453 ug/l
RT: 6.085 min Scan# 981
Delta R.T. 0.040 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 43	Resp: 29564
Ion Ratio	Lower Upper
43 100	
86 1.7	7.1 10.7#

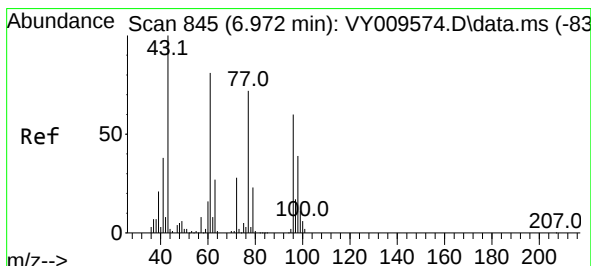
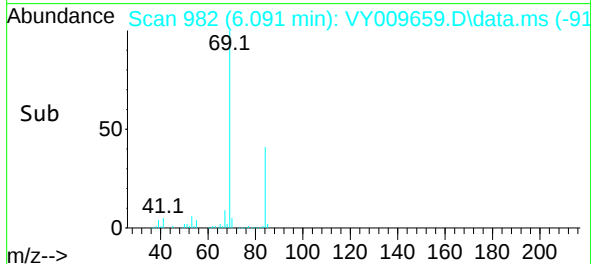
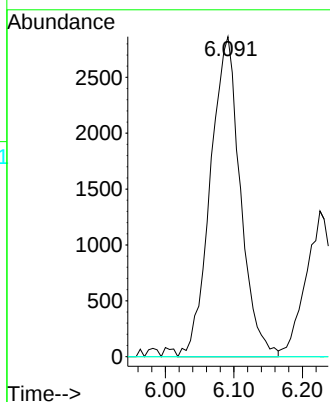
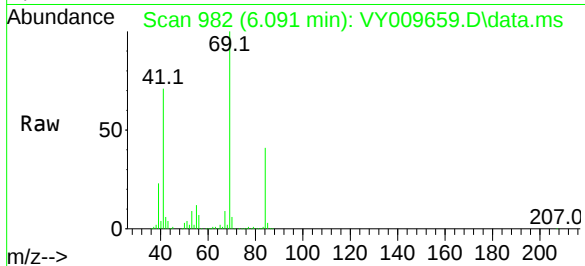




#24
1,1-Dichloroethane
Concen: 2.720 ug/l
RT: 6.091 min Scan# 91
Delta R.T. 0.089 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

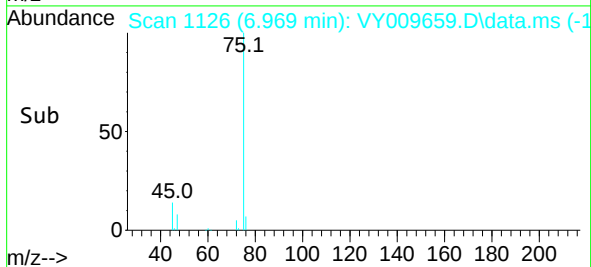
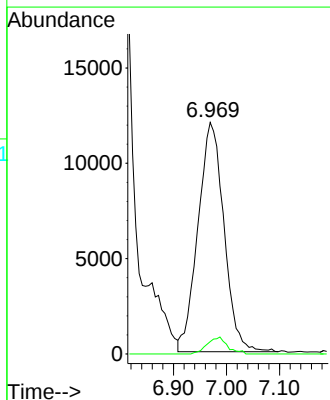
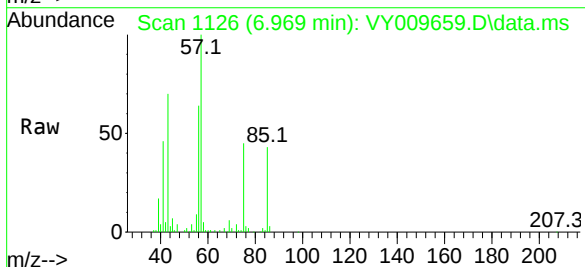
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DL-3(5-5.5)

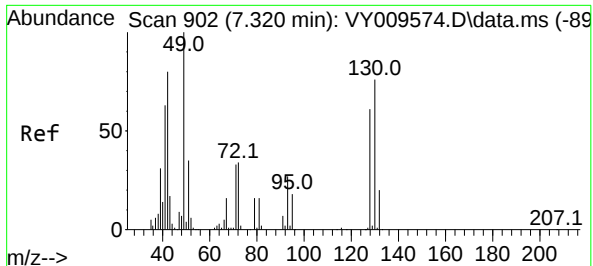
Tgt Ion: 63 Resp: 8707
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.0 5.8#



#25
2-Butanone
Concen: 64.257 ug/l
RT: 6.969 min Scan# 1126
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 43 Resp: 40921
Ion Ratio Lower Upper
43 100
72 5.3 17.7 26.5#

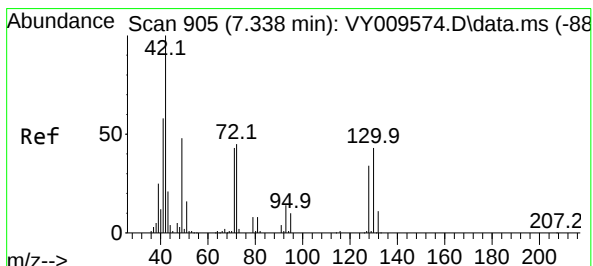
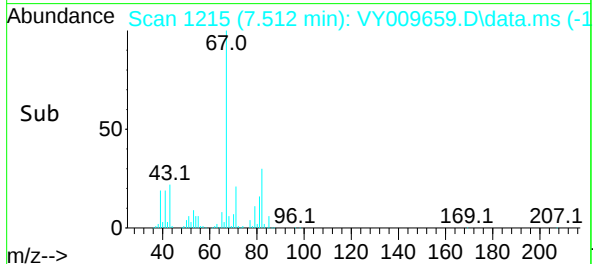
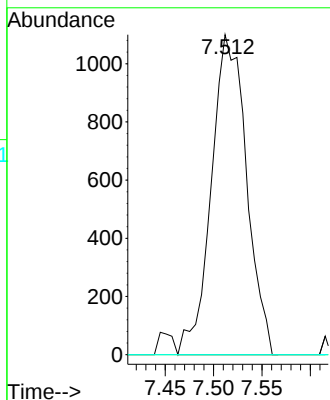
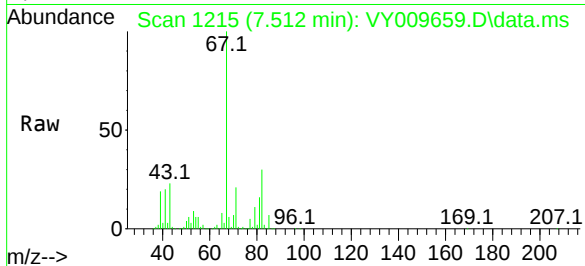




#28
Bromochloromethane
Concen: 2.029 ug/l
RT: 7.512 min Scan# 1187
Delta R.T. 0.192 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

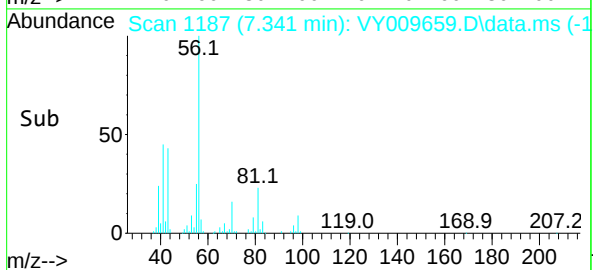
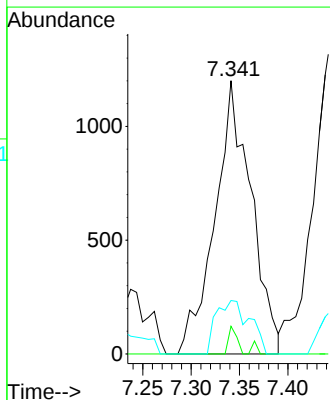
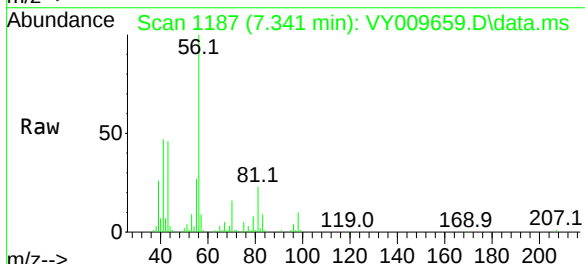
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

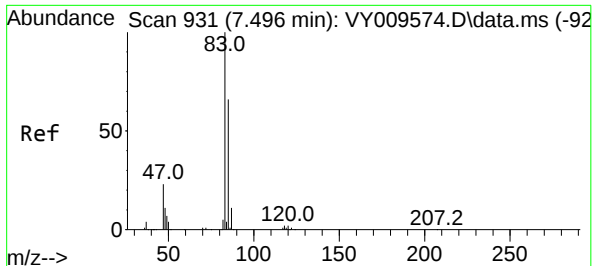
Tgt Ion: 49 Resp: 2784
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#



#29
Tetrahydrofuran
Concen: 7.488 ug/l
RT: 7.341 min Scan# 1187
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 42 Resp: 3131
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#

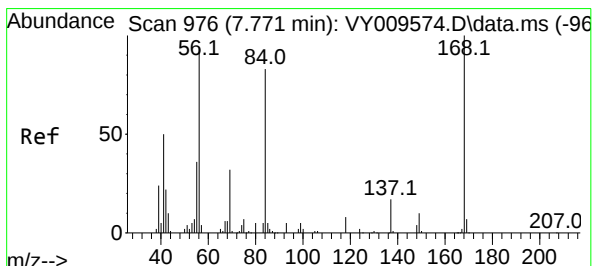
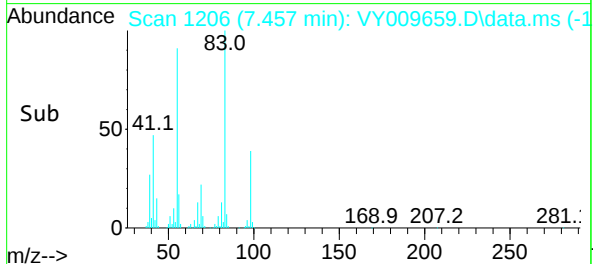
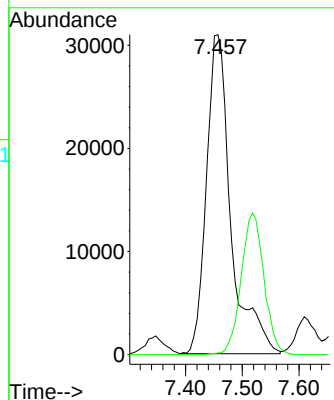
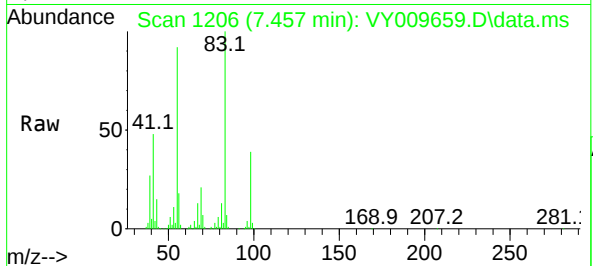




#30
Chloroform
Concen: 28.310 ug/l
RT: 7.457 min Scan# 11
Delta R.T. -0.039 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

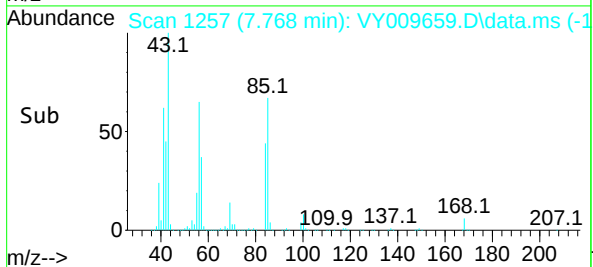
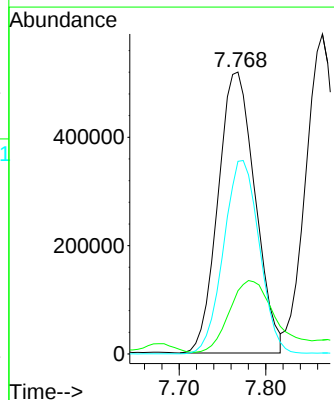
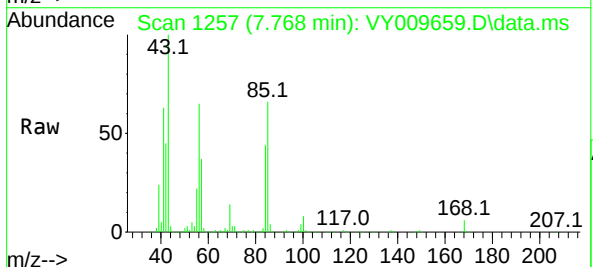
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

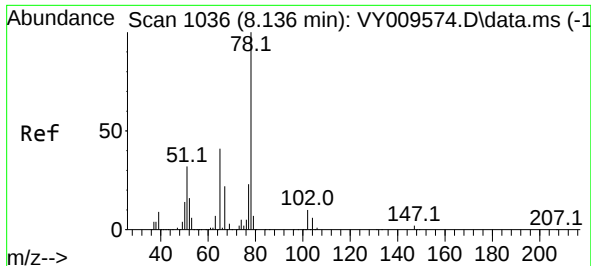
Tgt Ion: 83 Resp: 92719
Ion Ratio Lower Upper
83 100
85 0.6 51.8 77.6#



#31
Cyclohexane
Concen: 506.669 ug/l
RT: 7.768 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 56 Resp: 1541857
Ion Ratio Lower Upper
56 100
69 20.9 26.7 40.1#
84 68.5 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 48.144 ug/l

RT: 8.134 min Scan# 11

Delta R.T. -0.003 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

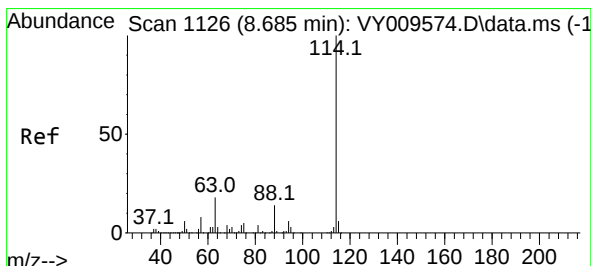
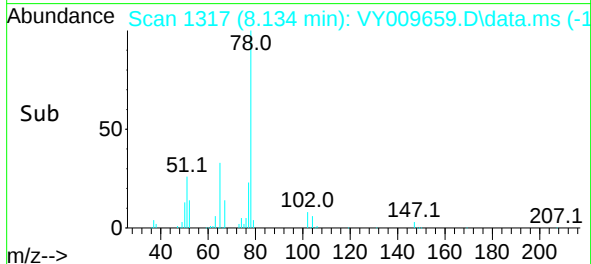
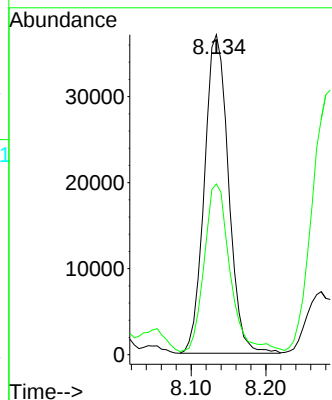
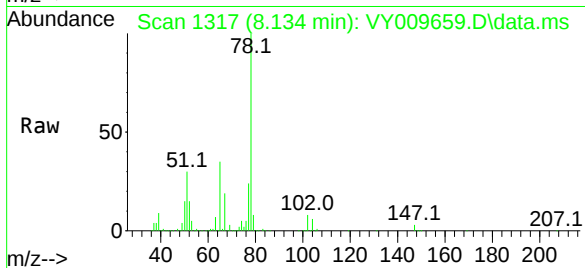
DL-3(5-5.5)

Tgt Ion: 65 Resp: 83089

Ion Ratio Lower Upper

65 100

67 55.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.682 min Scan# 1407

Delta R.T. -0.003 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

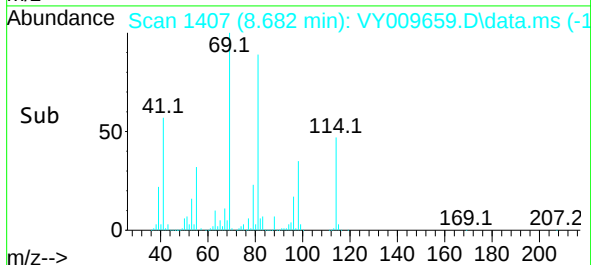
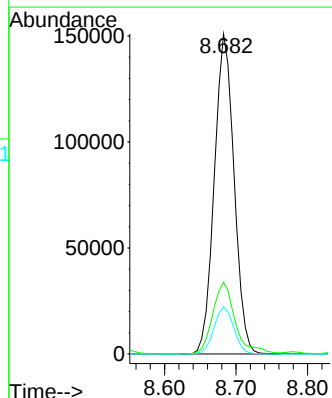
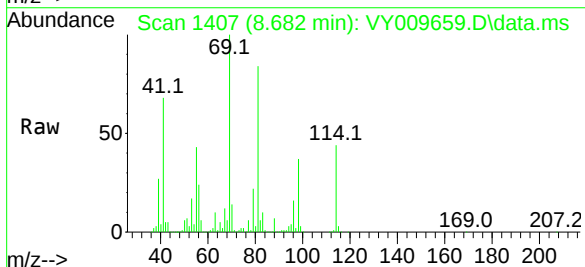
Tgt Ion: 114 Resp: 289991

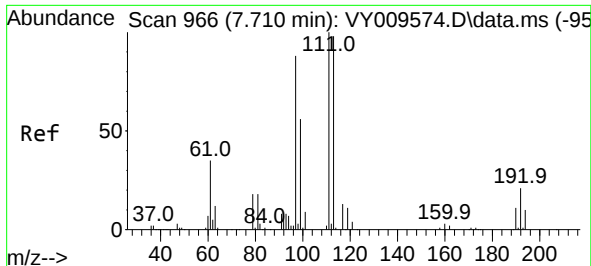
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 14.8 0.0 31.8

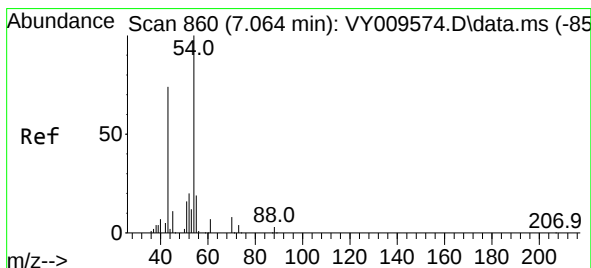
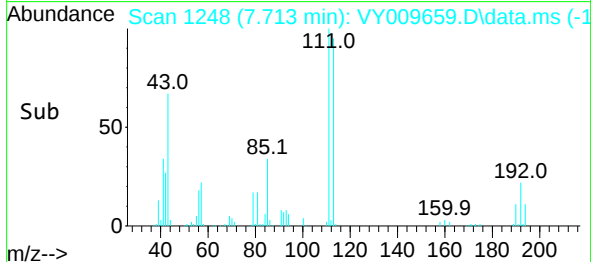
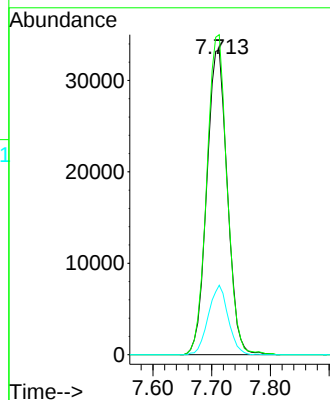
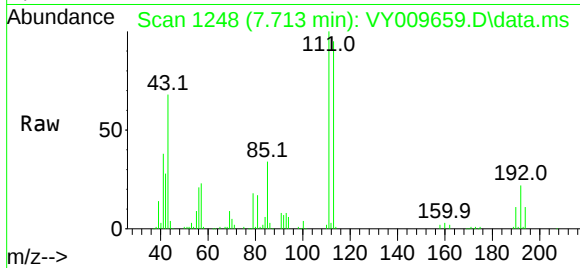




#35
Dibromofluoromethane
Concen: 44.523 ug/l
RT: 7.713 min Scan# 1126
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

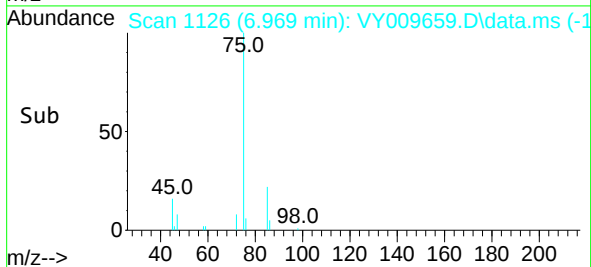
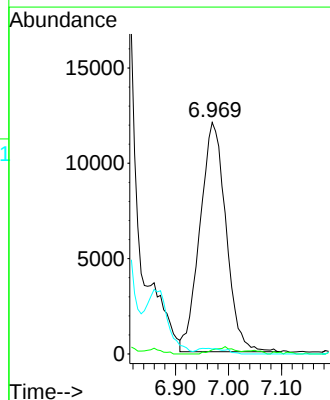
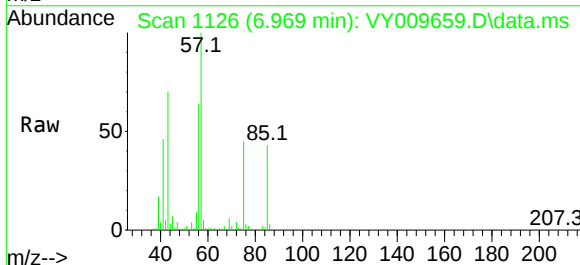
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

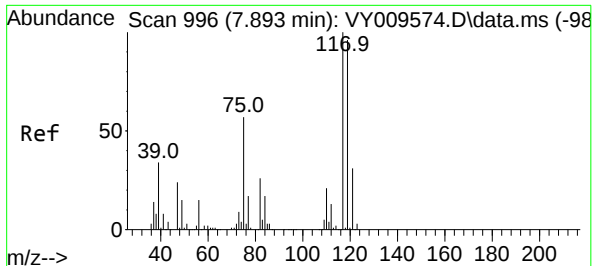
Tgt Ion:113 Resp: 81341
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.9 17.6 26.4



#37
Ethyl Acetate
Concen: 27.234 ug/l
RT: 6.969 min Scan# 1126
Delta R.T. -0.094 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 43 Resp: 40921
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 2.6 7.1 10.7#

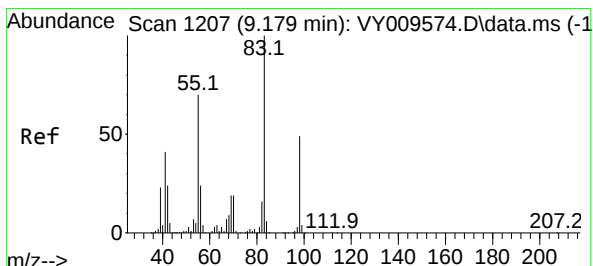
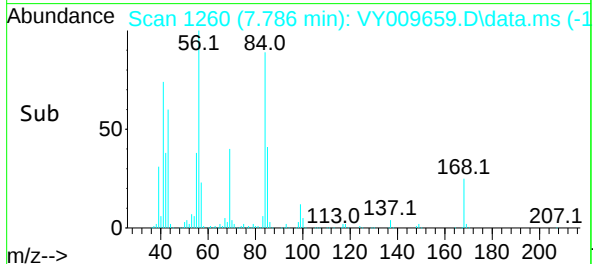
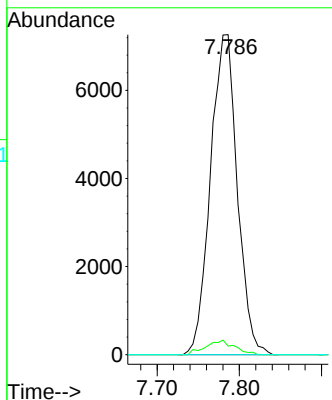
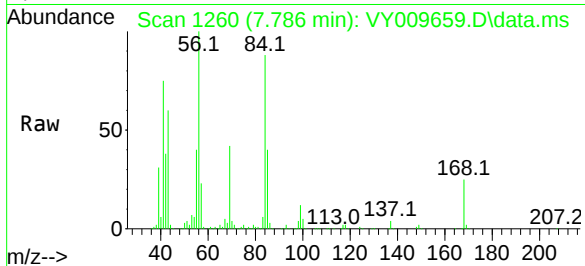




#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 7.786 min Scan# 117
Delta R.T. -0.106 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

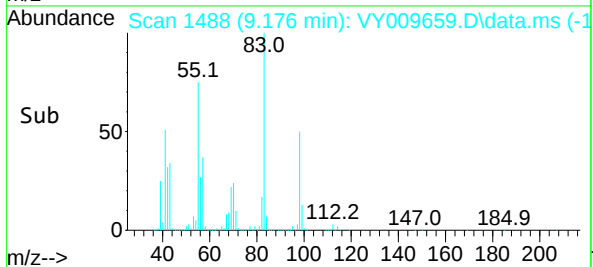
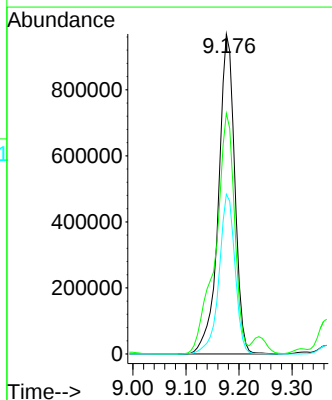
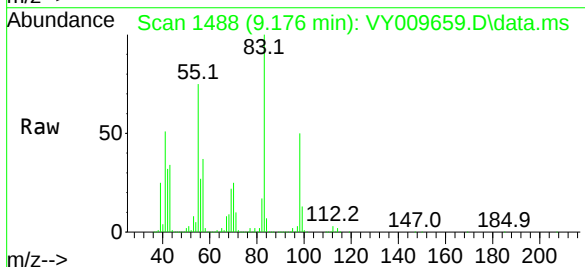
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

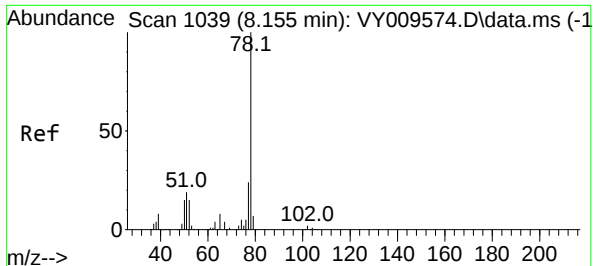
Tgt Ion:117 Resp: 16480
Ion Ratio Lower Upper
117 100
119 2.7 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 619.631 ug/l
RT: 9.176 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 83 Resp: 2062645
Ion Ratio Lower Upper
83 100
55 75.2 66.5 99.7
98 49.9 37.9 56.9

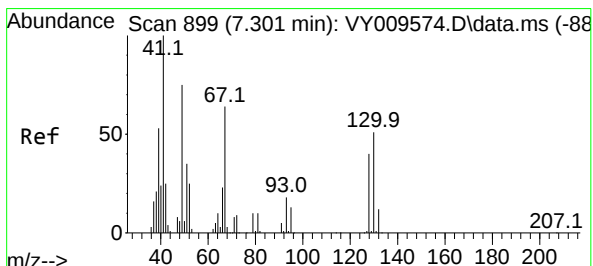
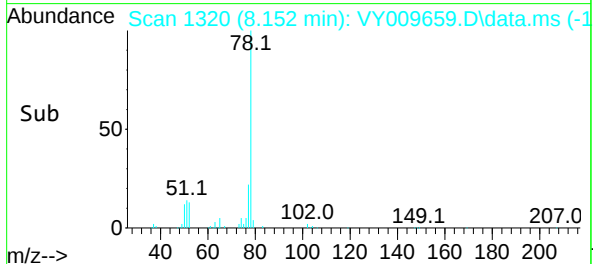
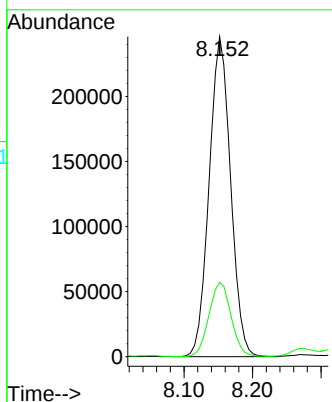
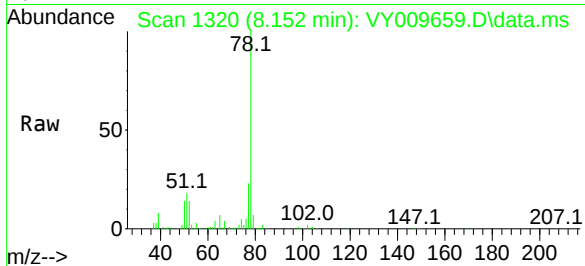




#40
Benzene
Concen: 67.624 ug/l
RT: 8.152 min Scan# 1187
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

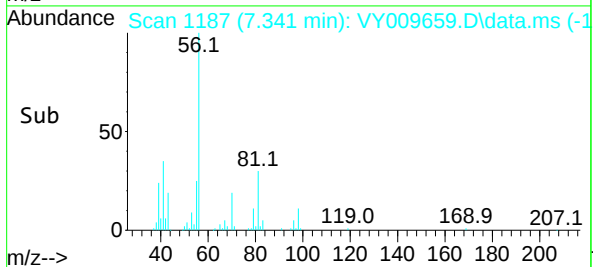
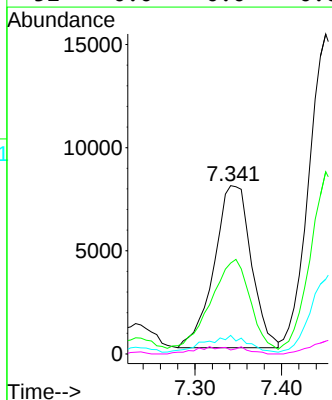
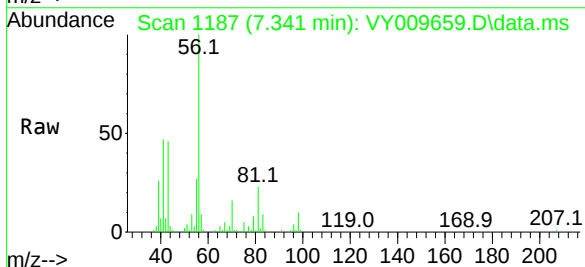
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

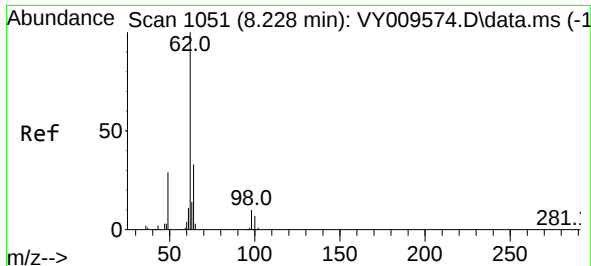
Tgt Ion: 78 Resp: 534198
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6



#41
Methacrylonitrile
Concen: 32.413 ug/l
RT: 7.341 min Scan# 1187
Delta R.T. 0.040 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 41 Resp: 23370
Ion Ratio Lower Upper
41 100
39 58.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 1.815 ug/l

RT: 8.274 min Scan# 11

Delta R.T. 0.046 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

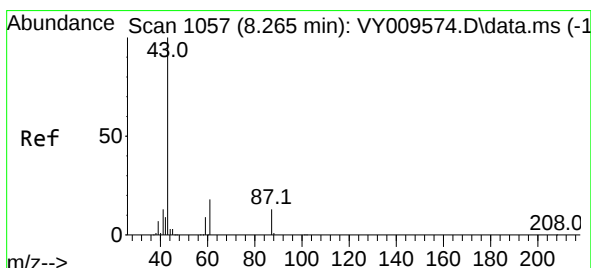
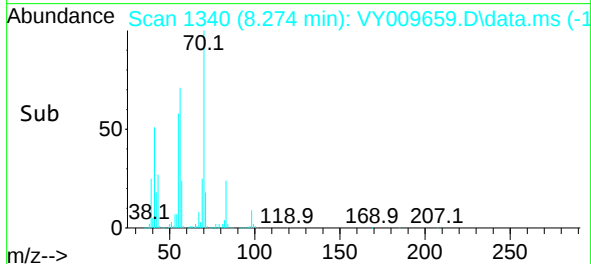
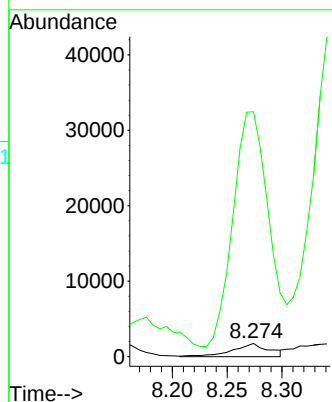
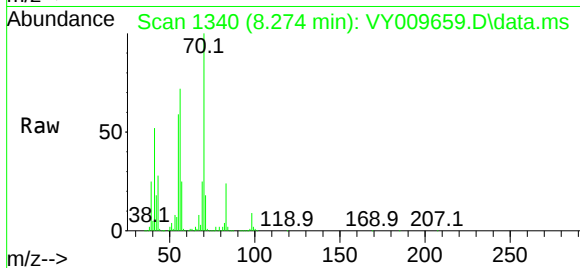
DL-3(5-5.5)

Tgt Ion: 62 Resp: 4023

Ion Ratio Lower Upper

62 100

98 1800.6 0.0 14.8#



#43

Isopropyl Acetate

Concen: 97.972 ug/l

RT: 8.262 min Scan# 1338

Delta R.T. -0.003 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

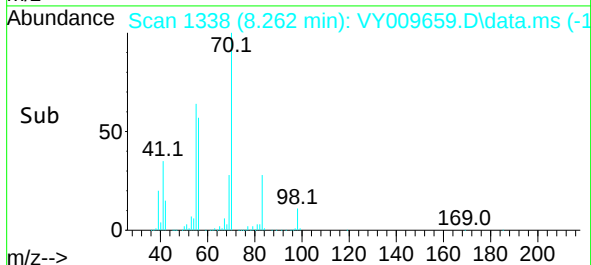
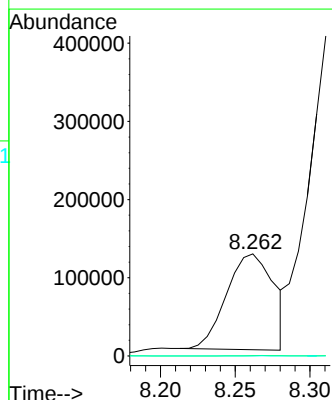
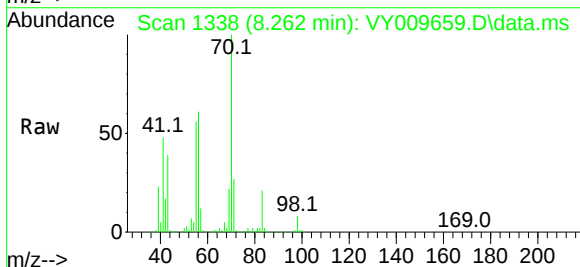
Tgt Ion: 43 Resp: 269741

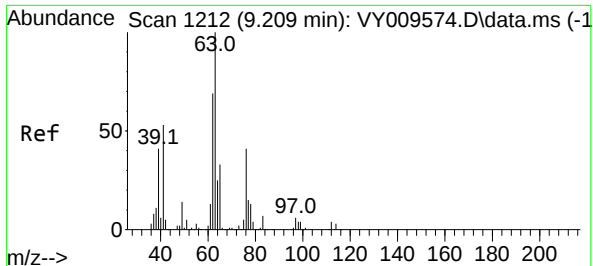
Ion Ratio Lower Upper

43 100

61 0.5 20.2 30.2#

87 0.0 8.9 13.3#





#45

1,2-Dichloropropane

Concen: 11.874 ug/l

RT: 9.176 min Scan# 1488

Delta R.T. -0.033 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

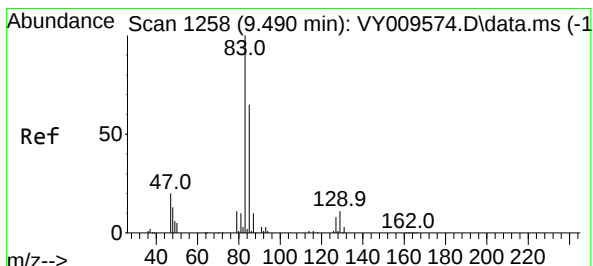
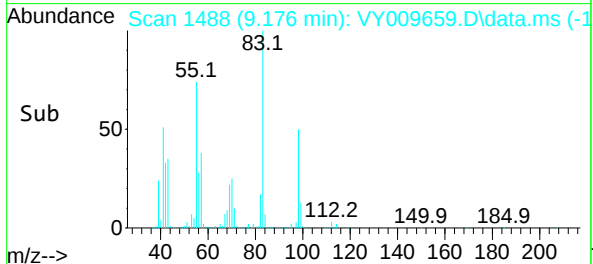
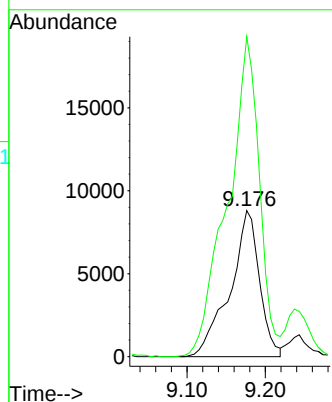
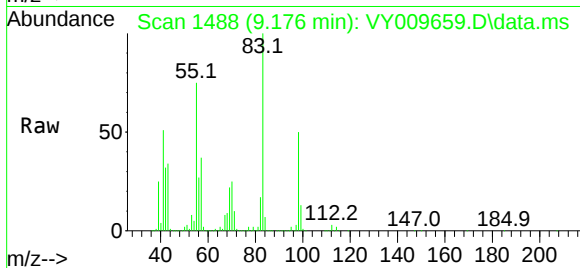
DL-3(5-5.5)

Tgt Ion: 63 Resp: 23014

Ion Ratio Lower Upper

63 100

65 218.4 23.0 34.6#



#47

Bromodichloromethane

Concen: 31.291 ug/l

RT: 9.475 min Scan# 1537

Delta R.T. -0.015 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

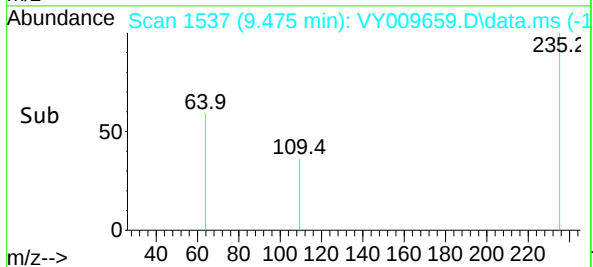
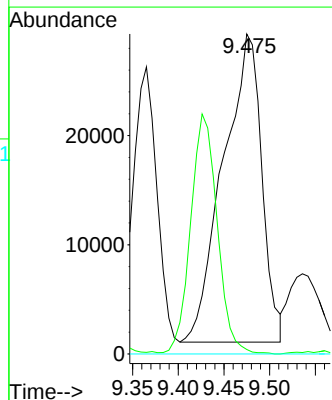
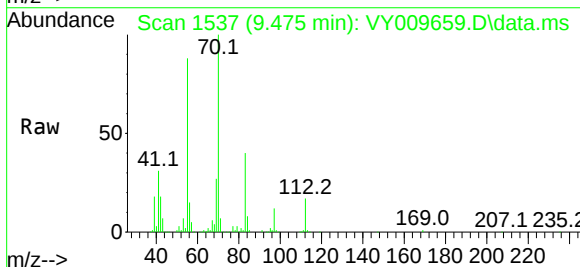
Tgt Ion: 83 Resp: 82591

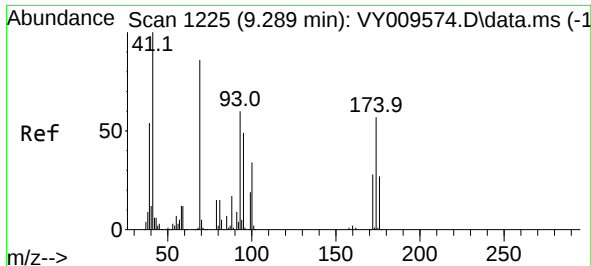
Ion Ratio Lower Upper

83 100

85 1.4 51.9 77.9#

127 0.0 6.6 10.0#

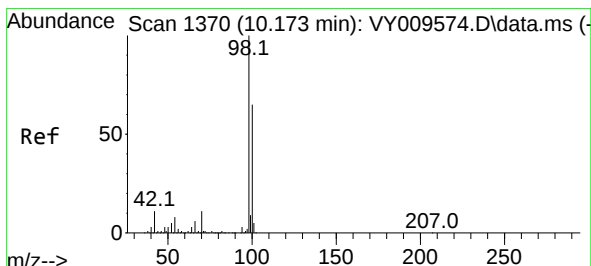
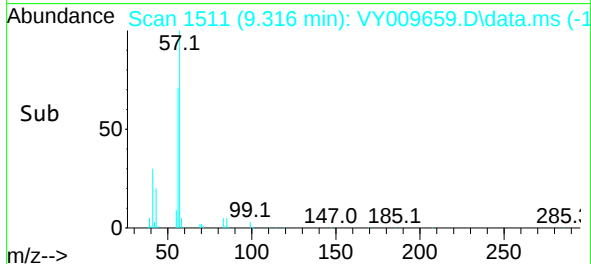
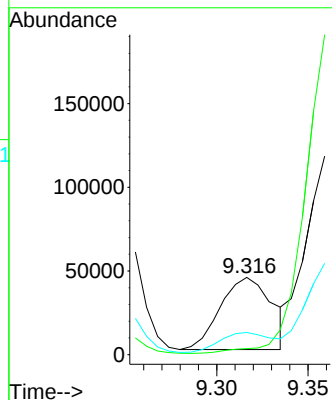
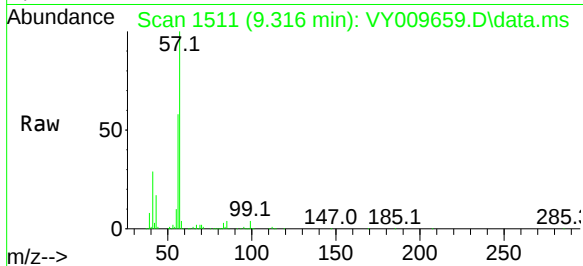




#48
Methyl methacrylate
Concen: 69.320 ug/l
RT: 9.316 min Scan# 11
Delta R.T. 0.028 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

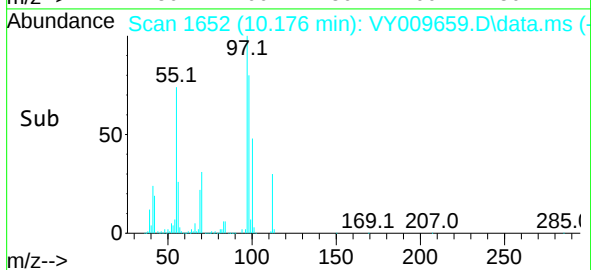
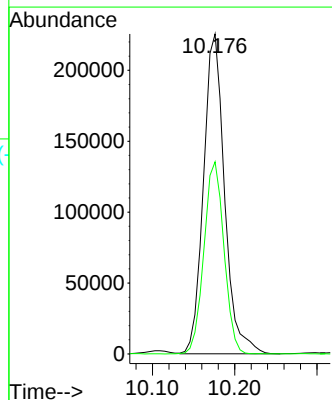
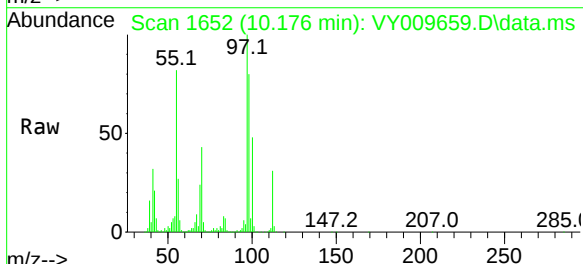
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

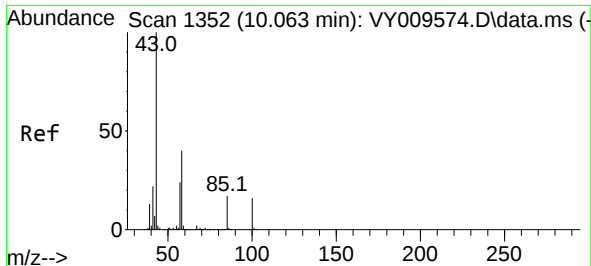
Tgt Ion: 41 Resp: 84323
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 28.4 47.4 71.0#



#50
Toluene-d8
Concen: 57.148 ug/l
RT: 10.176 min Scan# 1652
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 98 Resp: 401364
Ion Ratio Lower Upper
98 100
100 57.1 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 151.729 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.046 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

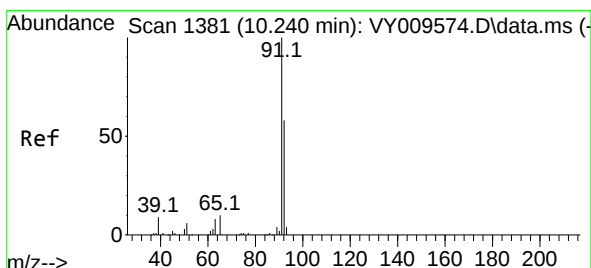
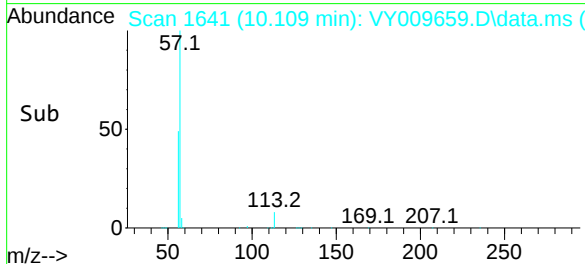
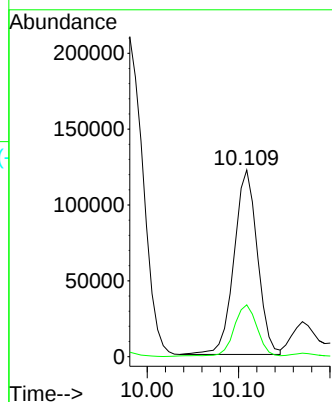
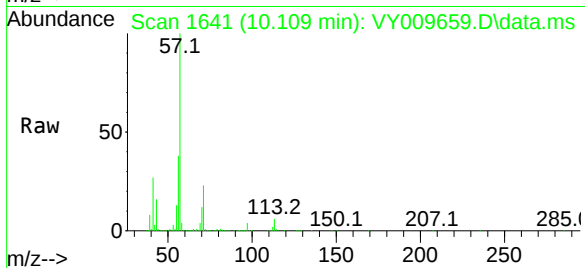
DL-3(5-5.5)

Tgt Ion: 43 Resp: 216904

Ion Ratio Lower Upper

43 100

58 28.0 28.1 42.1#



#52

Toluene

Concen: 13.471 ug/l

RT: 10.237 min Scan# 1662

Delta R.T. -0.003 min

Lab File: VY009659.D

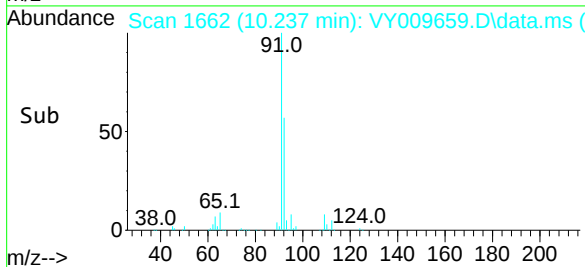
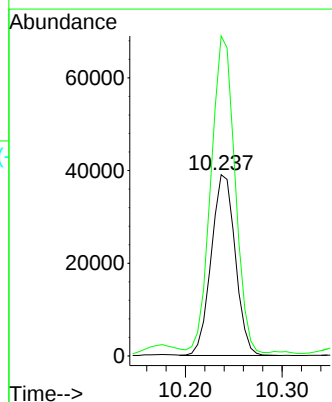
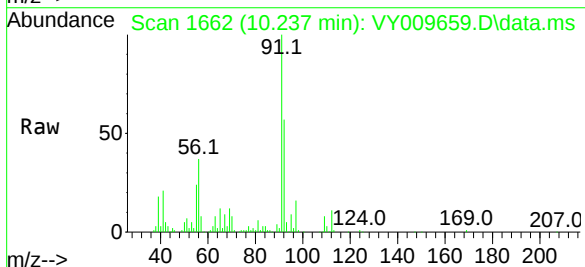
Acq: 22 Jul 2022 15:00

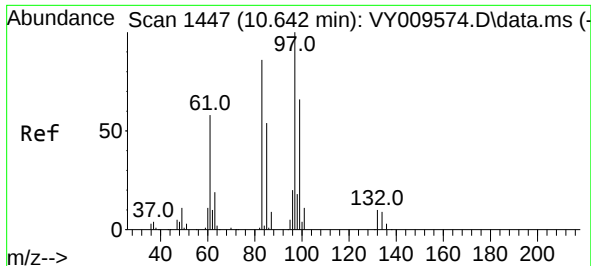
Tgt Ion: 92 Resp: 67408

Ion Ratio Lower Upper

92 100

91 175.2 142.6 213.8

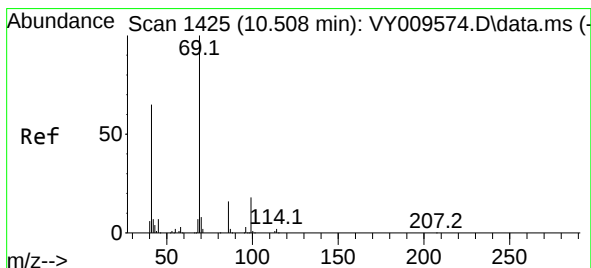
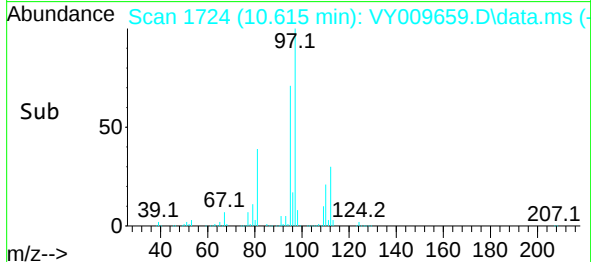
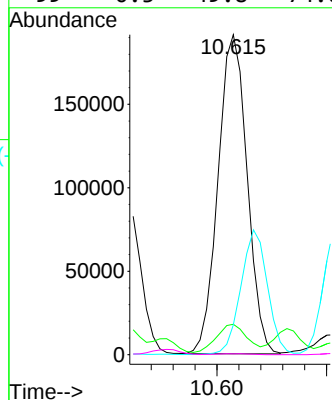
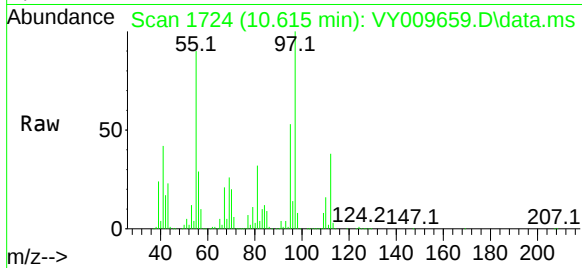




#55
1,1,2-Trichloroethane
Concen: 221.840 ug/l
RT: 10.615 min Scan# 1708
Delta R.T. -0.027 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

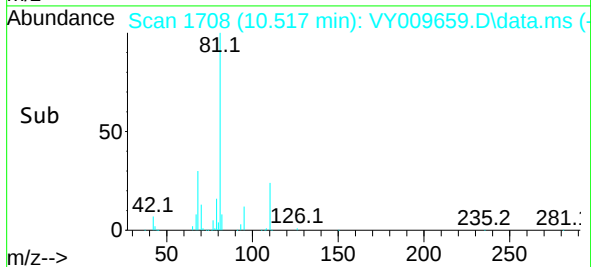
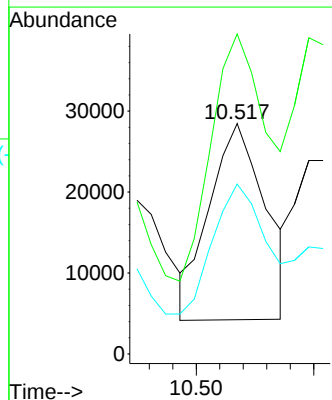
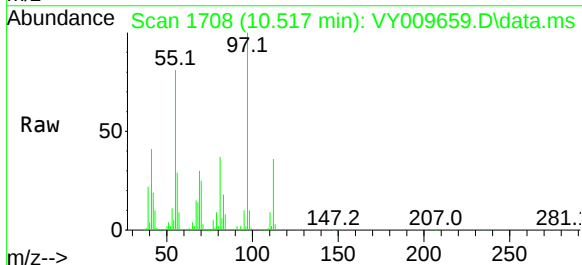
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

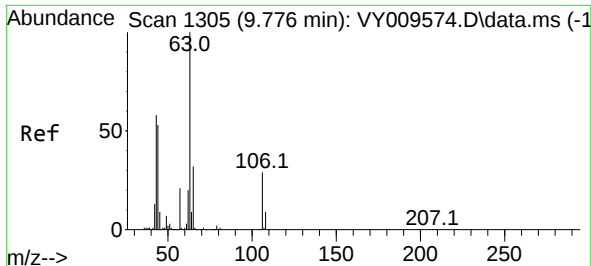
Tgt Ion:	97	Resp:	351678
Ion	Ratio	Lower	Upper
97	100		
83	7.5	69.8	104.8#
85	9.3	44.3	66.5#
99	0.3	49.8	74.6#



#56
Ethyl methacrylate
Concen: 19.788 ug/l
RT: 10.517 min Scan# 1708
Delta R.T. 0.009 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion:	69	Resp:	40134
Ion	Ratio	Lower	Upper
69	100		
41	128.8	63.4	95.0#
39	61.3	35.8	53.8#

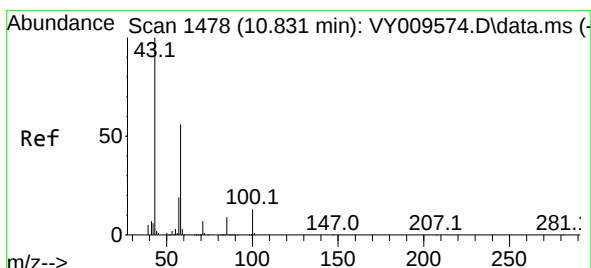
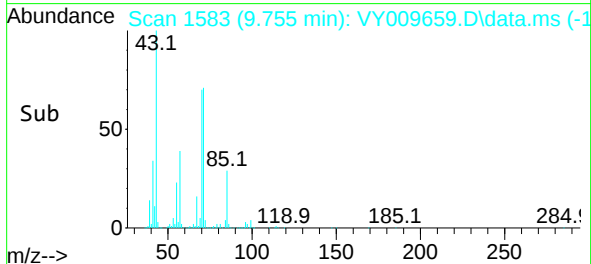
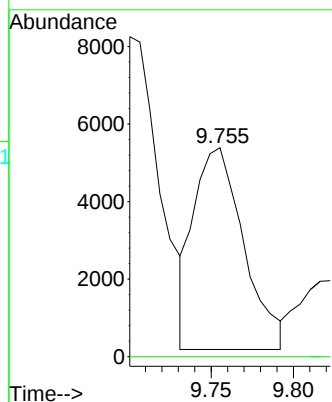
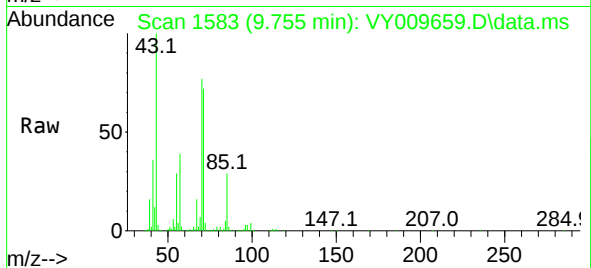




#58
2-Chloroethyl Vinyl ether
Concen: 37.174 ug/l
RT: 9.755 min Scan# 11
Delta R.T. -0.021 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

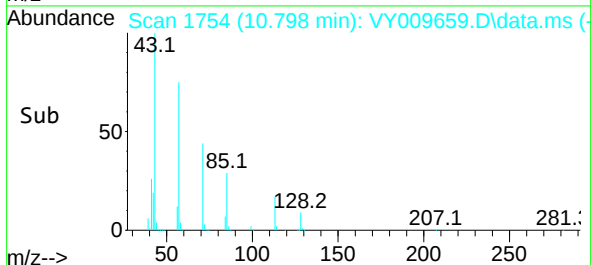
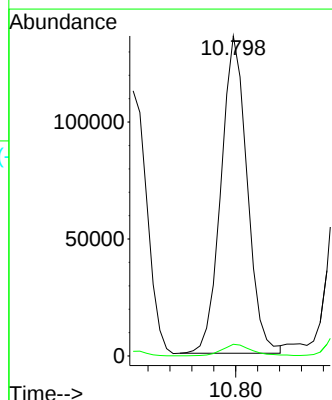
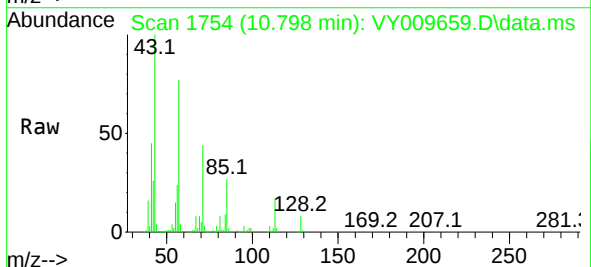
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

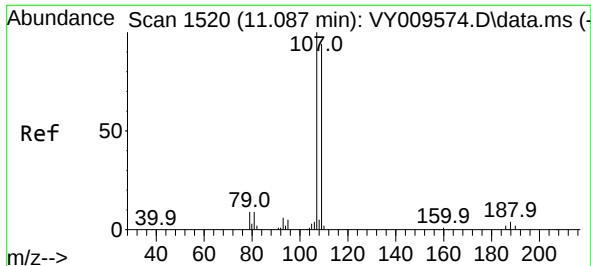
Tgt Ion: 63 Resp: 10981
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 226.409 ug/l
RT: 10.798 min Scan# 1754
Delta R.T. -0.033 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 43 Resp: 225113
Ion Ratio Lower Upper
43 100
58 4.2 24.4 73.4#

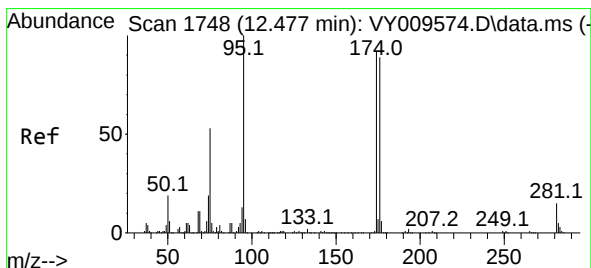
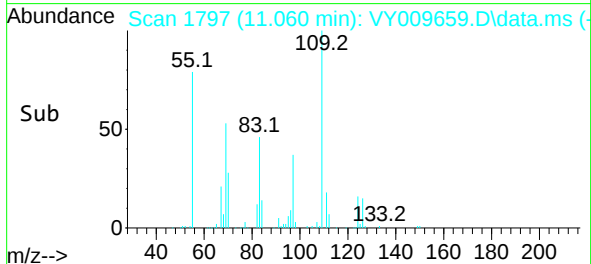
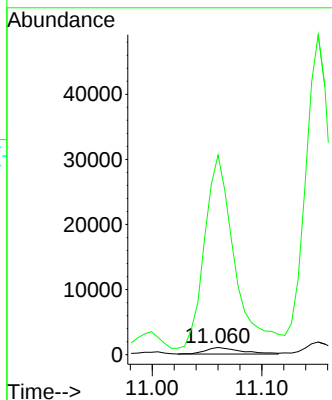
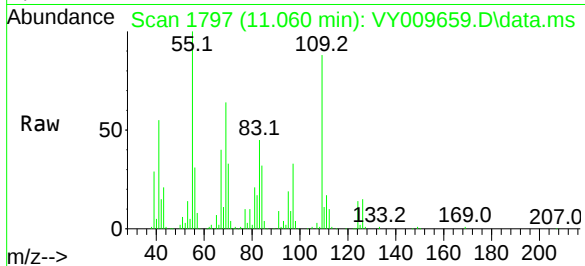




#61
1,2-Dibromoethane
Concen: 1.439 ug/l
RT: 11.060 min Scan# 1
Delta R.T. -0.027 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

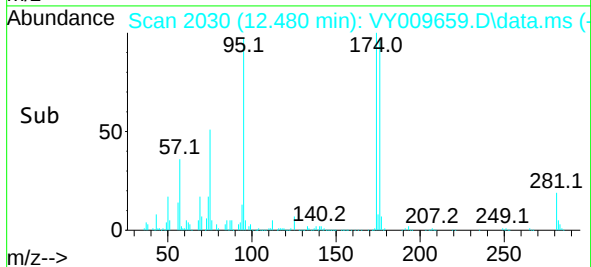
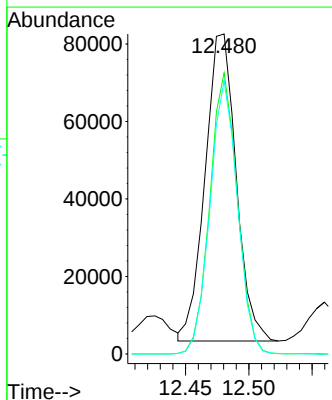
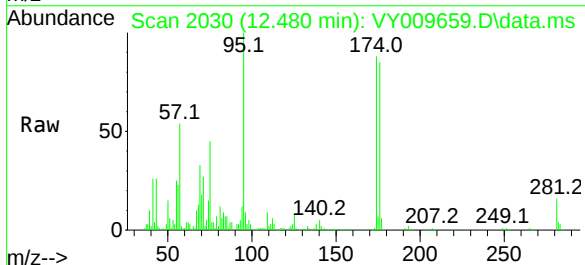
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

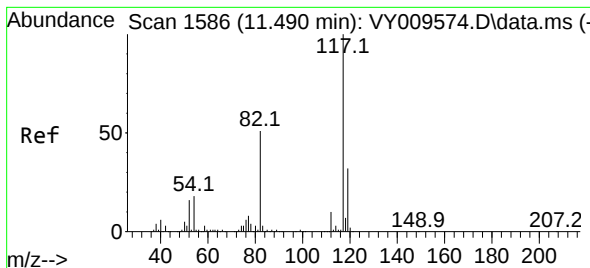
Tgt Ion:107 Resp: 2226
Ion Ratio Lower Upper
107 100
109 2549.4 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 59.472 ug/l
RT: 12.480 min Scan# 2030
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 95 Resp: 135343
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 78.6 0.0 175.8

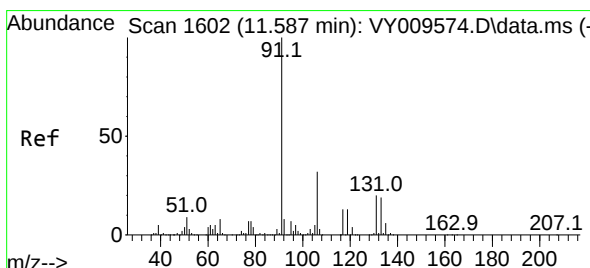
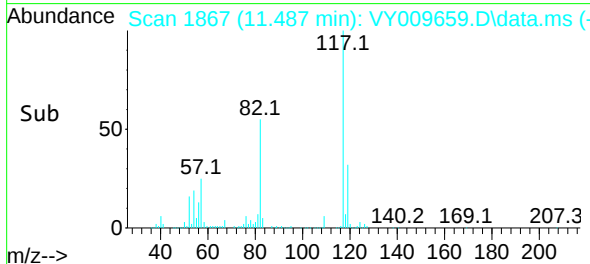
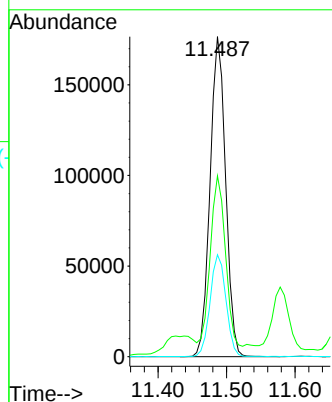
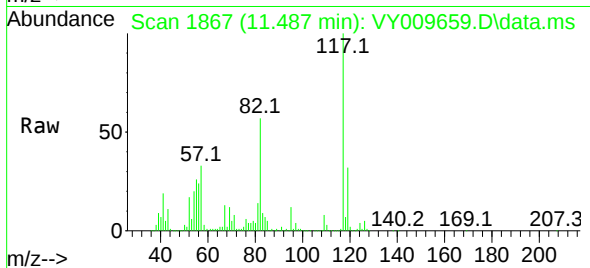




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.487 min Scan# 117
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

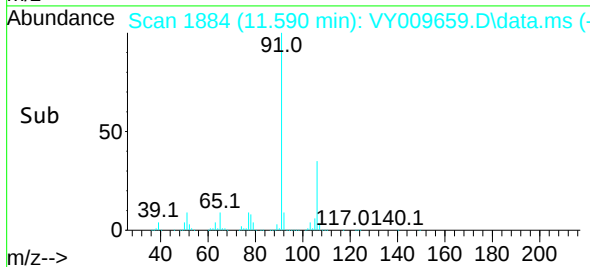
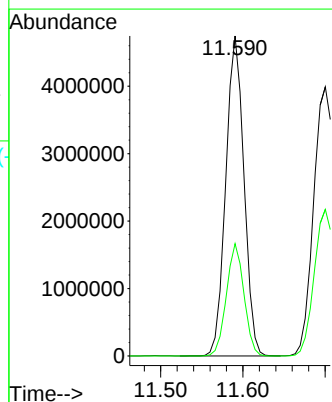
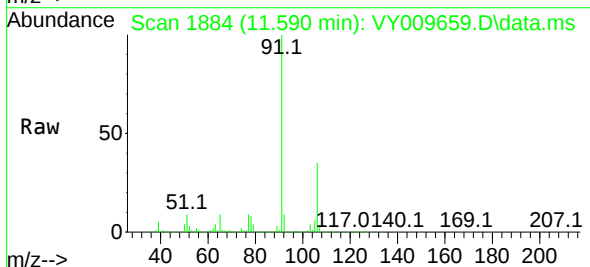
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

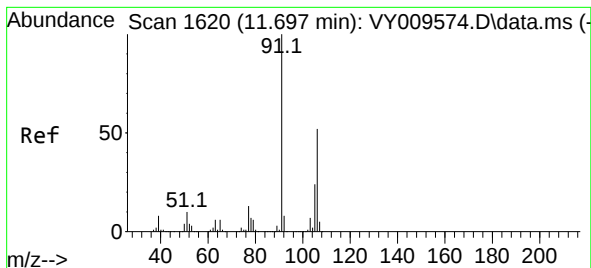
Tgt Ion:117 Resp: 278413
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.8 25.4 38.0



#67
Ethyl Benzene
Concen: 730.015 ug/l
RT: 11.590 min Scan# 1884
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 91 Resp: 7304722
Ion Ratio Lower Upper
91 100
106 35.1 24.5 36.7

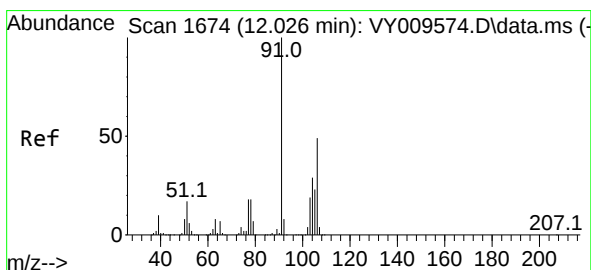
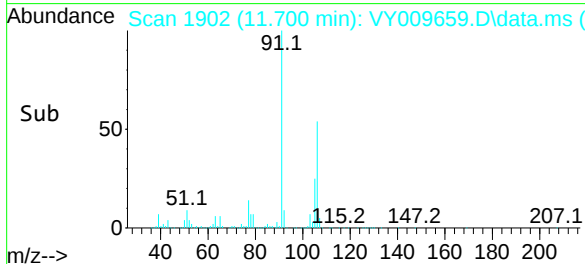
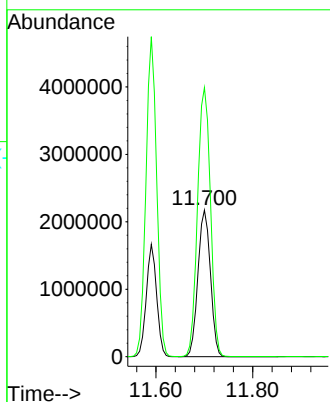
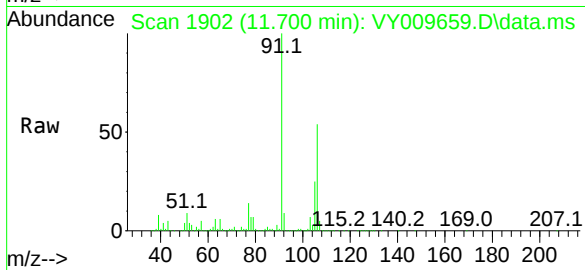




#68
m/p-Xylenes
Concen: 975.615 ug/l
RT: 11.700 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

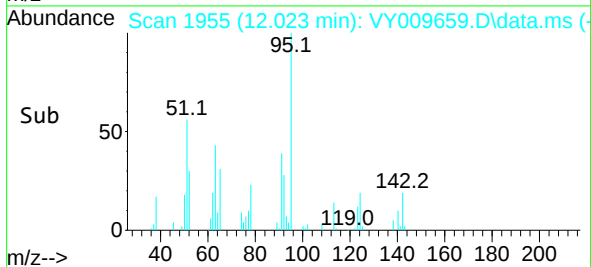
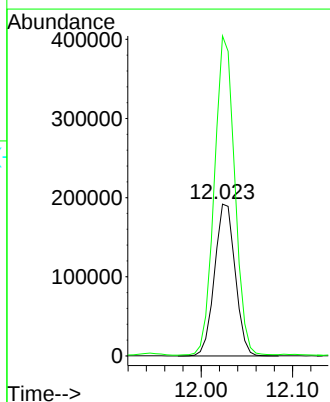
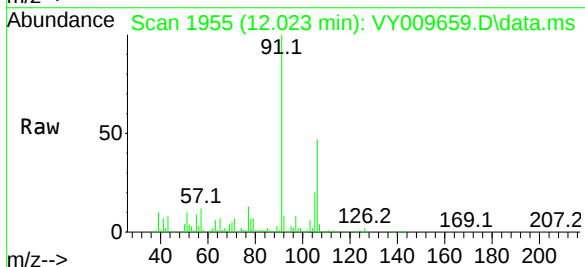
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

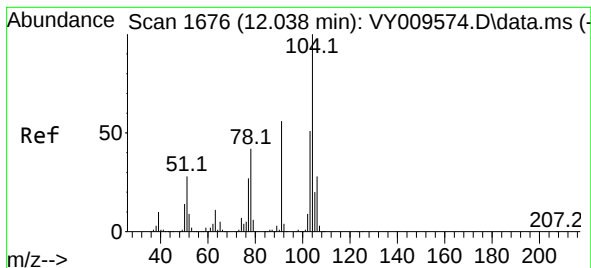
Tgt Ion:106 Resp: 3885193
Ion Ratio Lower Upper
106 100
91 189.7 166.6 249.8



#69
o-Xylene
Concen: 80.680 ug/l
RT: 12.023 min Scan# 1955
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion:106 Resp: 300669
Ion Ratio Lower Upper
106 100
91 207.7 110.3 331.0





#70

Styrene

Concen: 2.504 ug/l

RT: 12.023 min Scan# 1955

Delta R.T. -0.015 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

DL-3(5-5.5)

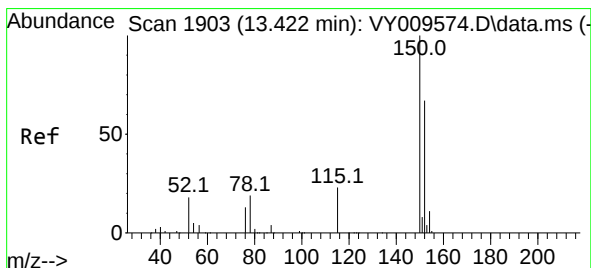
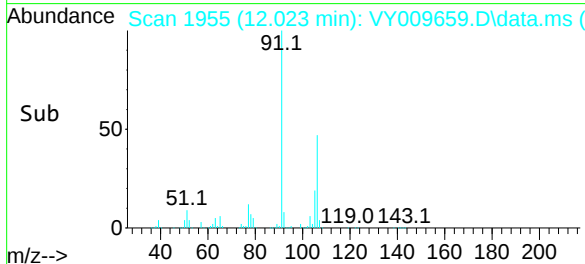
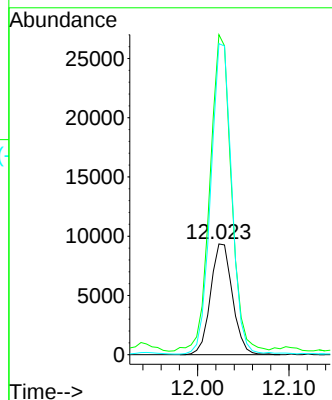
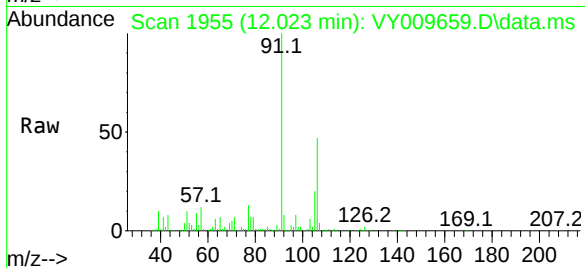
Tgt Ion:104 Resp: 15520

Ion Ratio Lower Upper

104 100

78 278.1 42.4 63.6#

103 267.7 44.4 66.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.425 min Scan# 2185

Delta R.T. 0.003 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

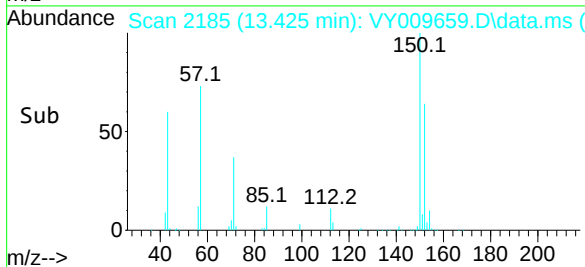
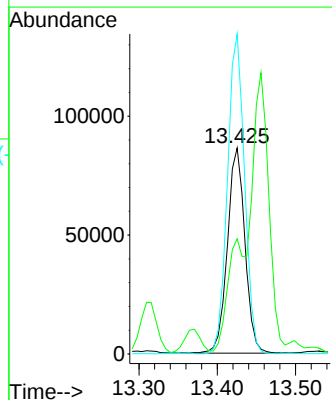
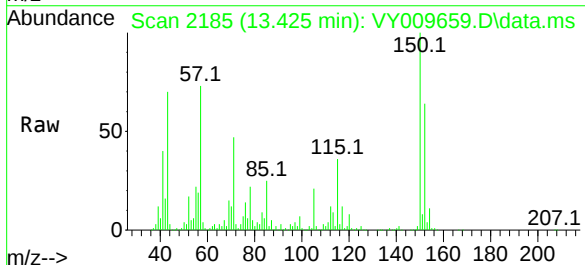
Tgt Ion:152 Resp: 134389

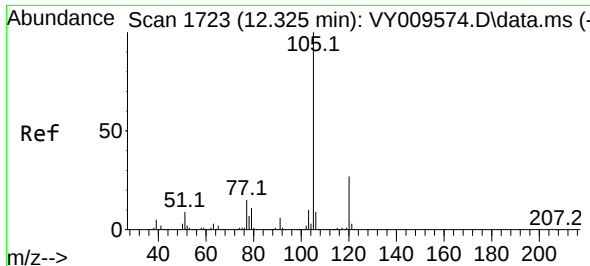
Ion Ratio Lower Upper

152 100

115 0.0 28.2 84.7#

150 151.8 0.0 347.6

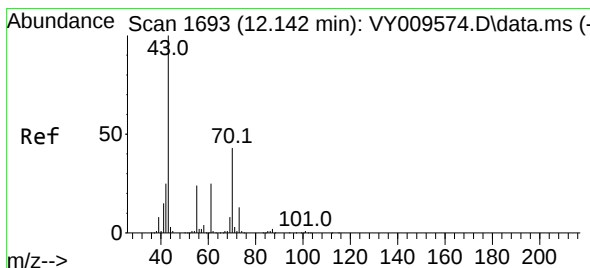
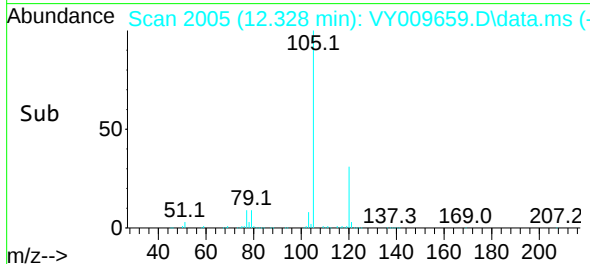
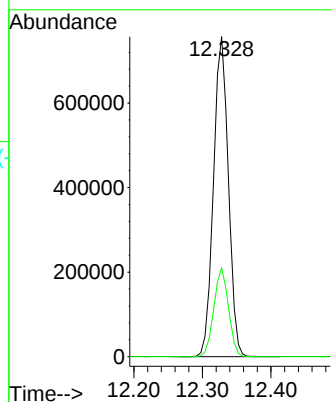
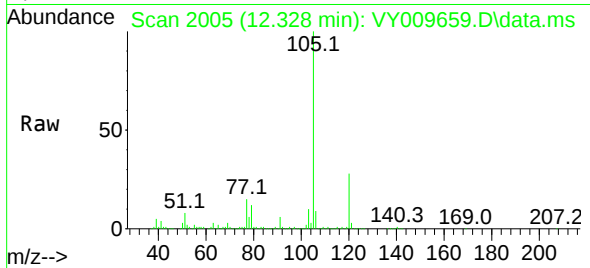




#73
Isopropylbenzene
Concen: 122.270 ug/l
RT: 12.328 min Scan# 20
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

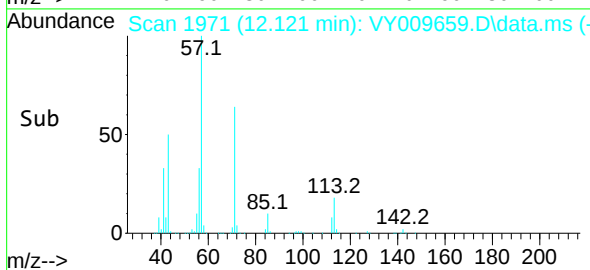
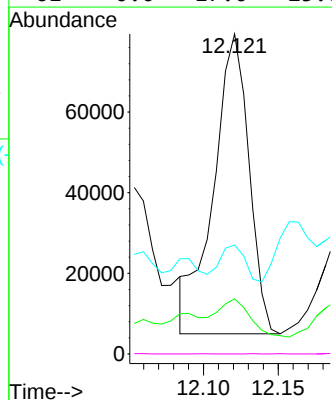
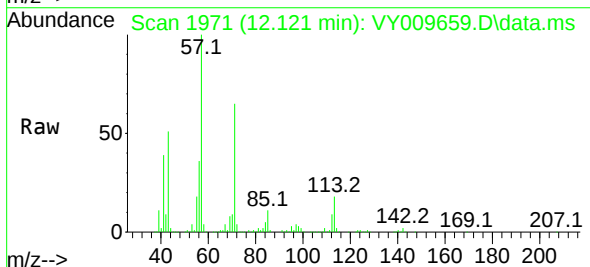
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

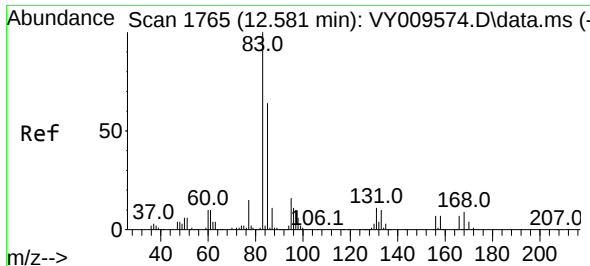
Tgt Ion:105 Resp: 1137676
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 49.551 ug/l
RT: 12.121 min Scan# 1971
Delta R.T. -0.021 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 43 Resp: 122620
Ion Ratio Lower Upper
43 100
70 11.2 28.7 43.1#
55 8.4 17.3 25.9#
61 0.0 17.0 25.6#

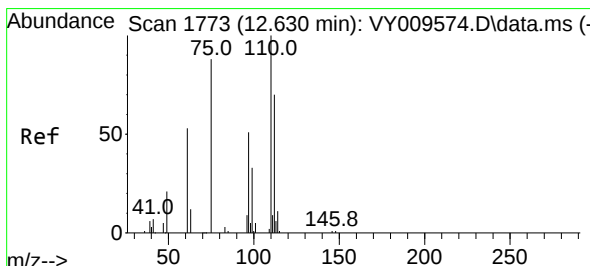
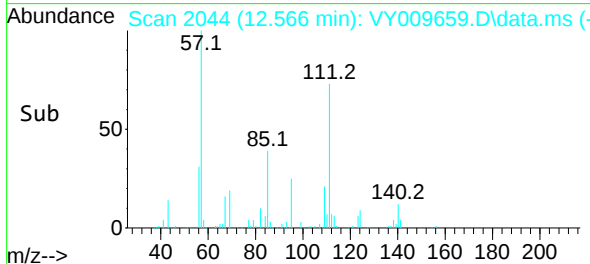
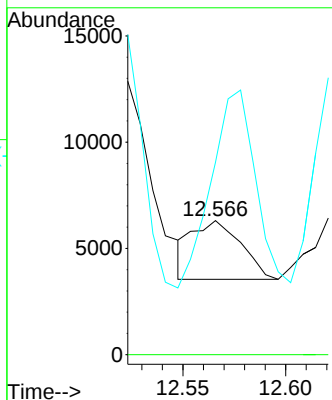
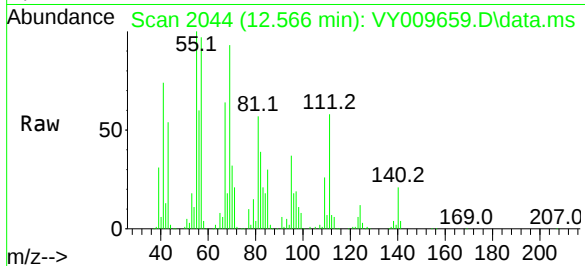




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.462 ug/l
 RT: 12.566 min Scan# 2044
 Delta R.T. -0.015 min
 Lab File: VY009659.D
 Acq: 22 Jul 2022 15:00

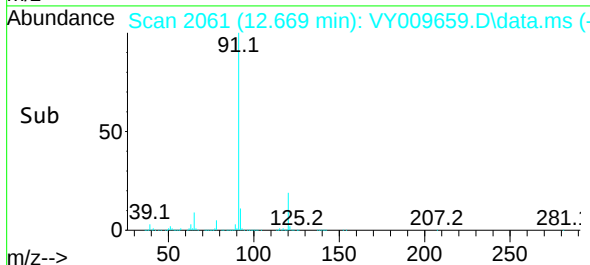
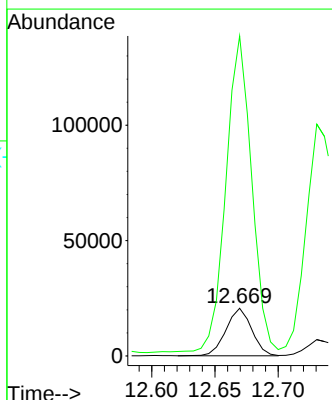
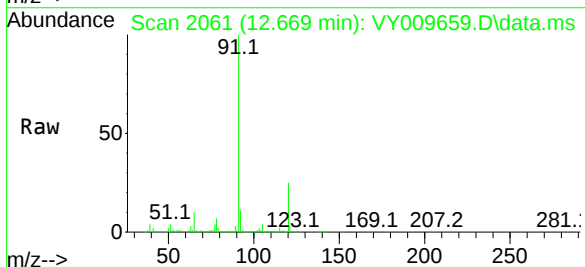
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(5-5.5)

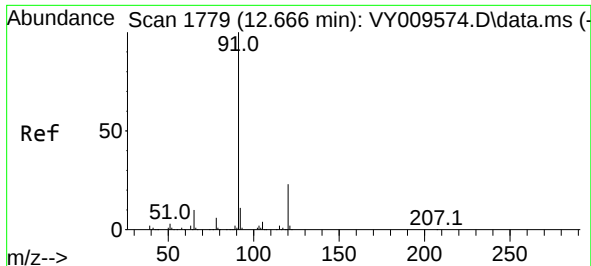
Tgt Ion: 83 Resp: 4587
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 335.3 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 22.825 ug/l
 RT: 12.669 min Scan# 2061
 Delta R.T. 0.040 min
 Lab File: VY009659.D
 Acq: 22 Jul 2022 15:00

Tgt Ion: 75 Resp: 29221
 Ion Ratio Lower Upper
 75 100
 77 665.6 0.0 0.0#

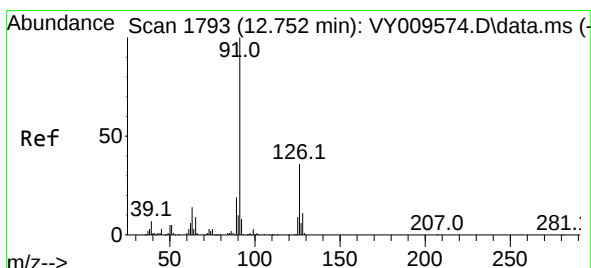
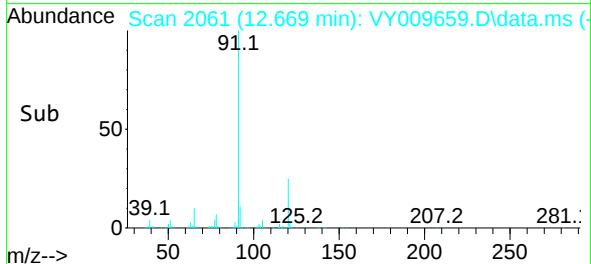
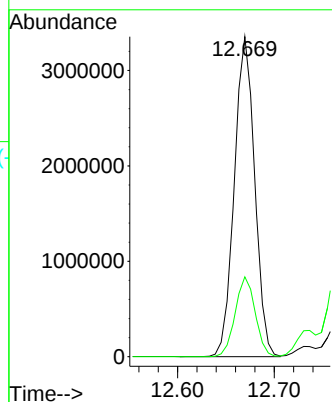
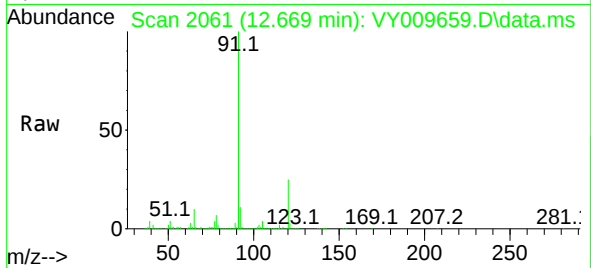




#78
n-propylbenzene
Concen: 437.193 ug/l
RT: 12.669 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

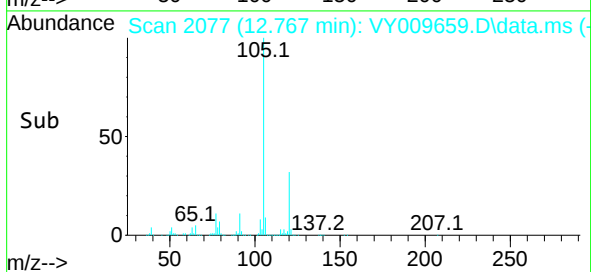
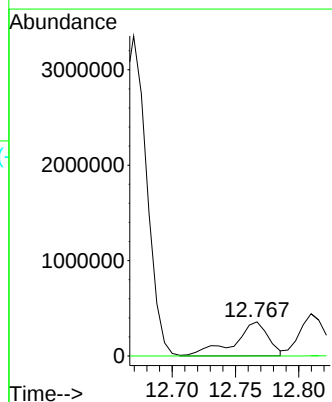
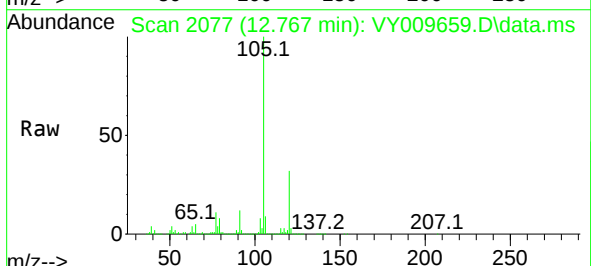
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

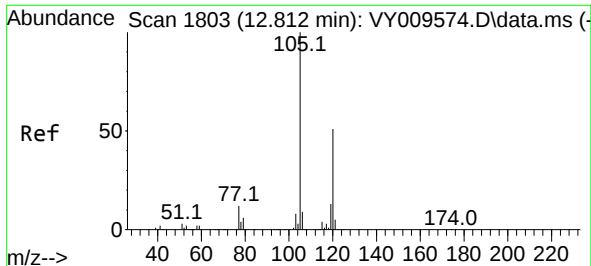
Tgt Ion: 91 Resp: 4915475
Ion Ratio Lower Upper
91 100
120 24.5 11.3 33.9



#79
2-Chlorotoluene
Concen: 107.513 ug/l
RT: 12.767 min Scan# 2077
Delta R.T. 0.015 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 91 Resp: 670202
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

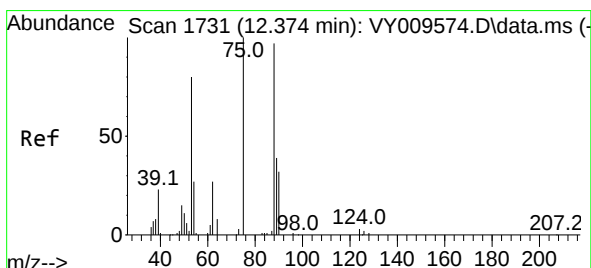
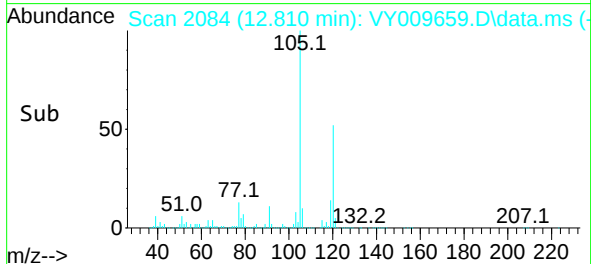
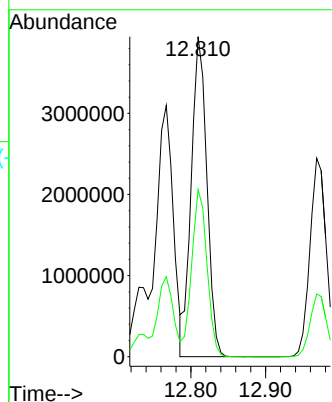
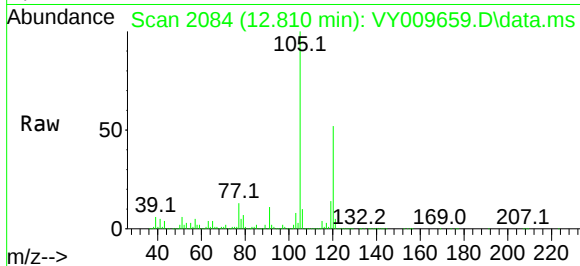




#80
1,3,5-Trimethylbenzene
Concen: 742.237 ug/l
RT: 12.810 min Scan# 2005
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

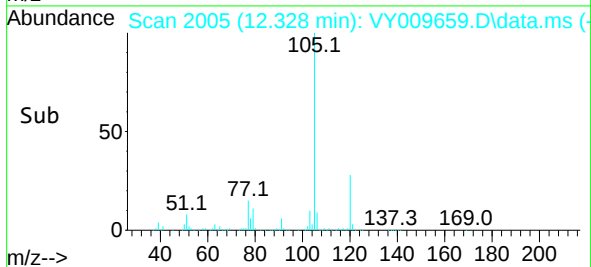
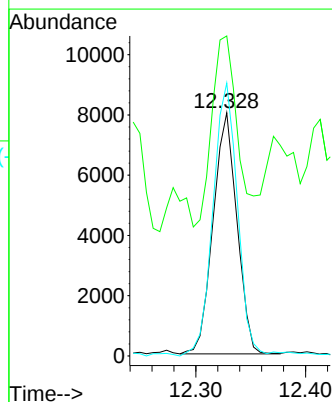
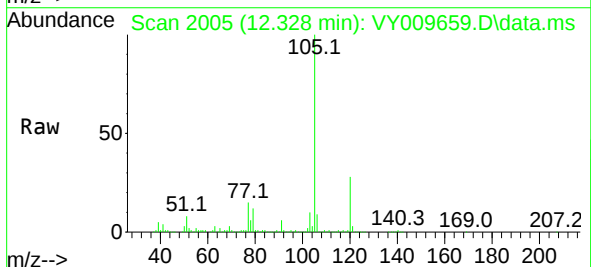
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

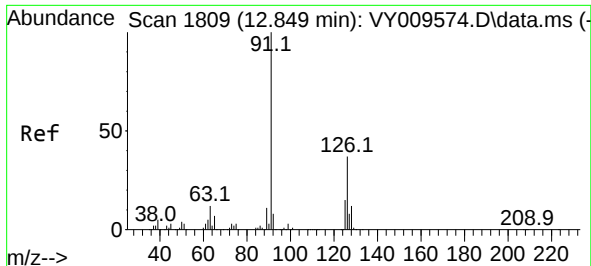
Tgt Ion:105 Resp: 5706723
Ion Ratio Lower Upper
105 100
120 51.5 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 18.626 ug/l
RT: 12.328 min Scan# 2005
Delta R.T. -0.045 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 75 Resp: 12093
Ion Ratio Lower Upper
75 100
53 122.0 85.3 127.9
89 115.7 37.0 55.4#

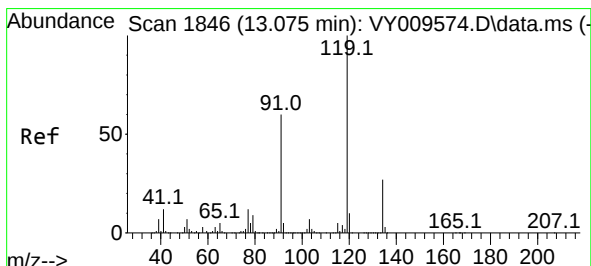
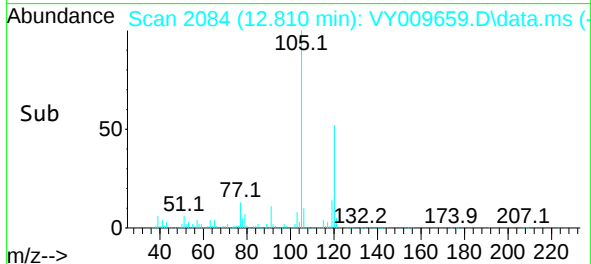
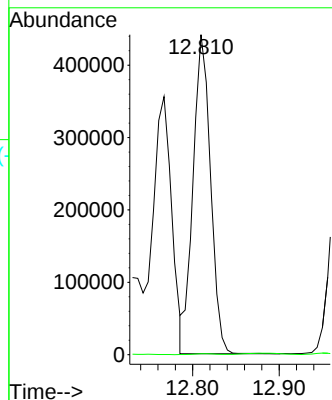
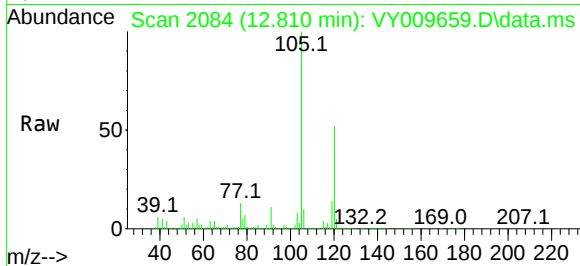




#82
4-Chlorotoluene
Concen: 95.437 ug/l
RT: 12.810 min Scan# 2084
Delta R.T. -0.039 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

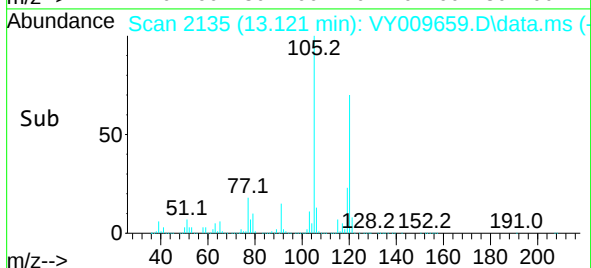
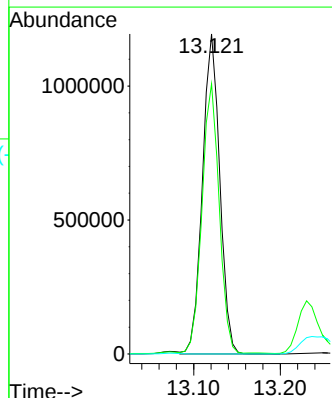
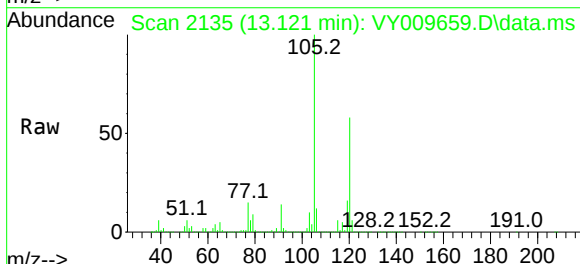
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

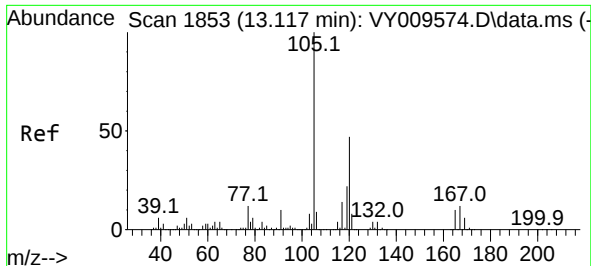
Tgt Ion: 91 Resp: 617190
Ion Ratio Lower Upper
91 100
126 0.3 17.0 51.0#



#83
tert-Butylbenzene
Concen: 242.655 ug/l
RT: 13.121 min Scan# 2135
Delta R.T. 0.046 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion: 119 Resp: 1657523
Ion Ratio Lower Upper
119 100
91 84.6 34.8 104.4
134 0.0 13.3 39.9#

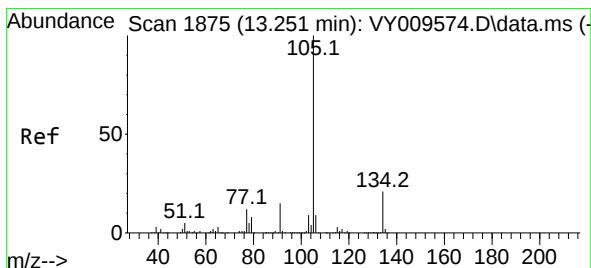
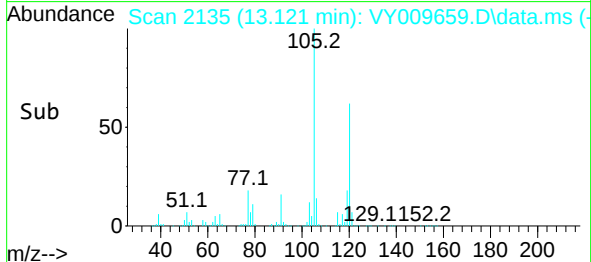
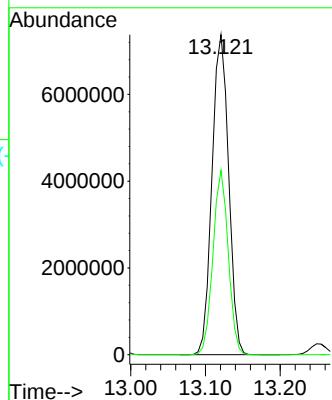
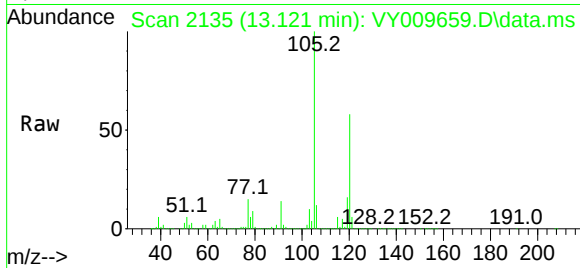




#84
1,2,4-Trimethylbenzene
Concen: 1480.166 ug/l
RT: 13.121 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

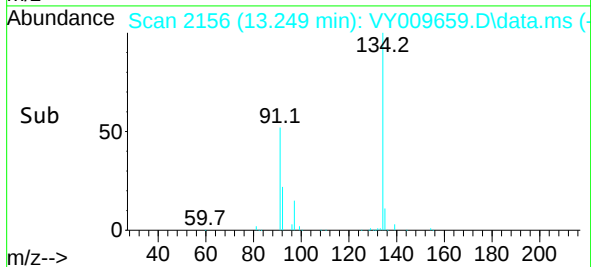
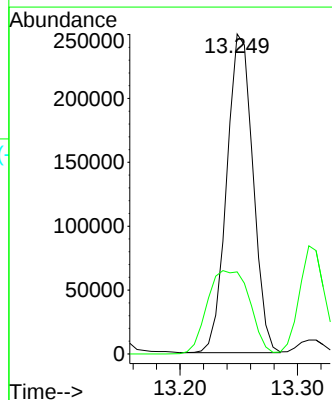
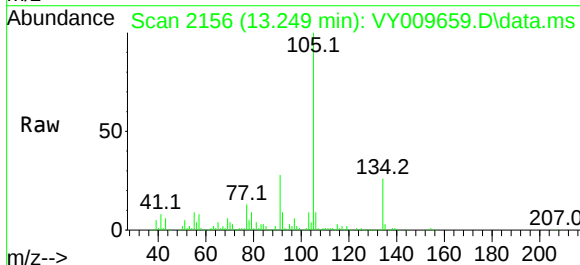
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

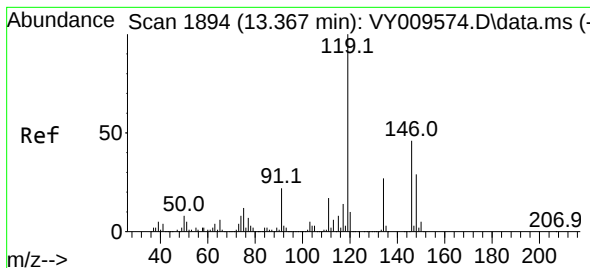
Tgt Ion:105 Resp:11381286
Ion Ratio Lower Upper
105 100
120 53.0 22.3 66.9



#85
sec-Butylbenzene
Concen: 38.226 ug/l
RT: 13.249 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Tgt Ion:105 Resp: 387133
Ion Ratio Lower Upper
105 100
134 42.3 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 23.482 ug/l

RT: 13.371 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

DL-3(5-5.5)

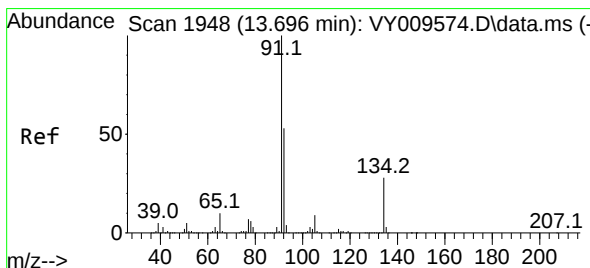
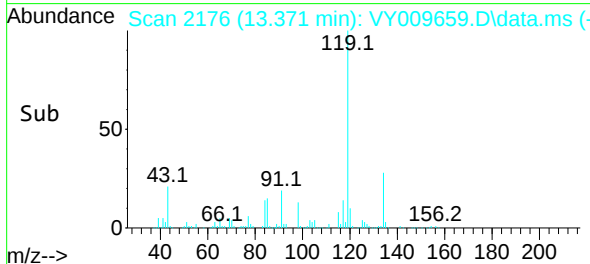
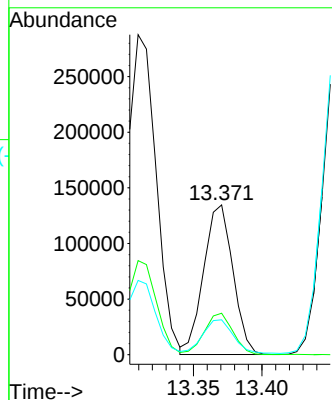
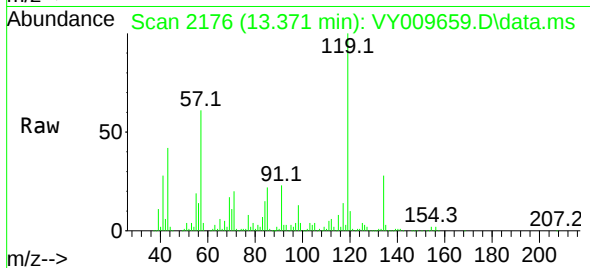
Tgt Ion:119 Resp: 199854

Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.0 12.4 37.2



#89

n-Butylbenzene

Concen: 94.699 ug/l

RT: 13.694 min Scan# 2229

Delta R.T. -0.003 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

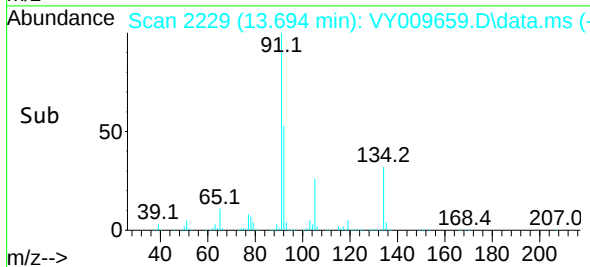
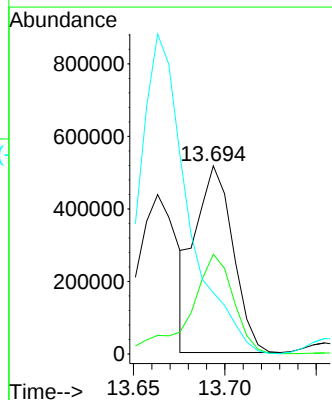
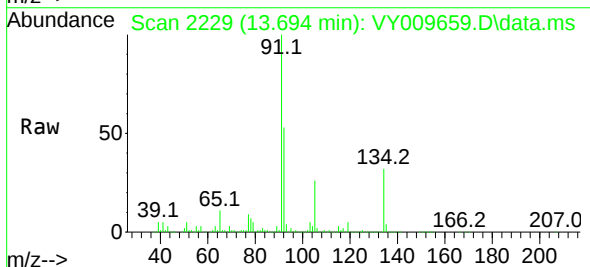
Tgt Ion: 91 Resp: 736099

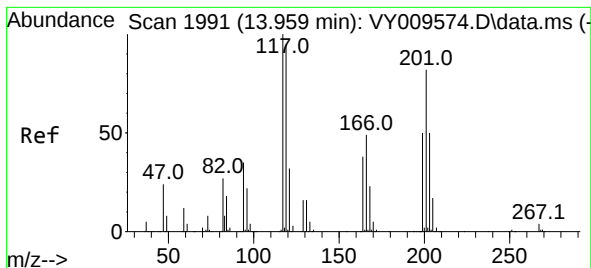
Ion Ratio Lower Upper

91 100

92 61.9 26.3 78.9

134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 177.388 ug/l

RT: 13.968 min Scan# 21

Delta R.T. 0.009 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

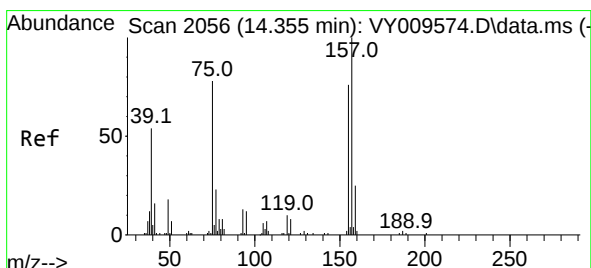
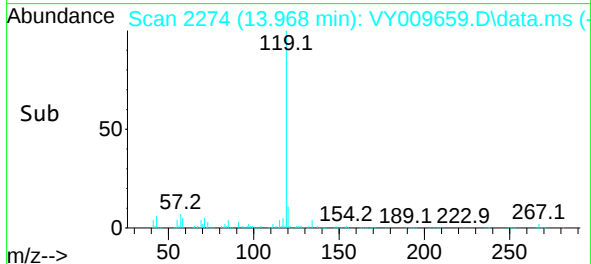
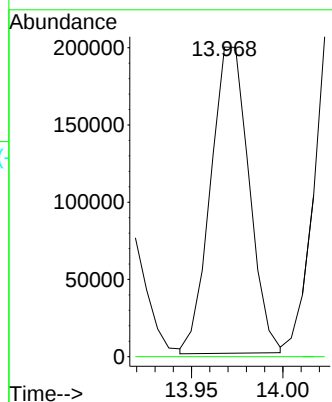
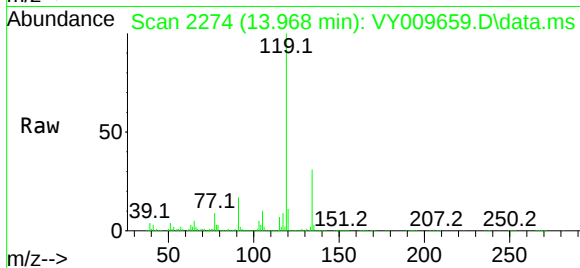
DL-3(5-5.5)

Tgt Ion:117 Resp: 290866

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.900 ug/l

RT: 14.334 min Scan# 2334

Delta R.T. -0.021 min

Lab File: VY009659.D

Acq: 22 Jul 2022 15:00

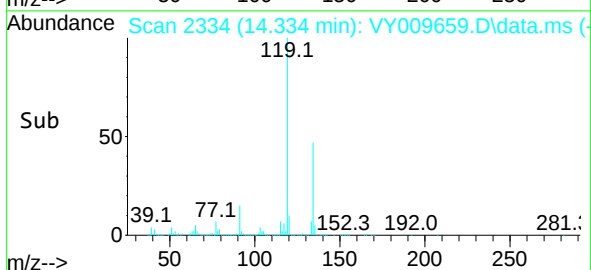
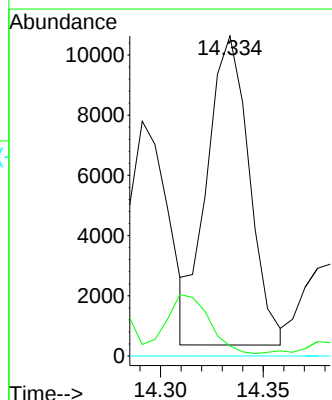
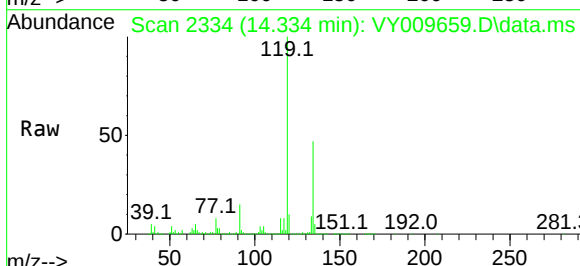
Tgt Ion: 75 Resp: 14713

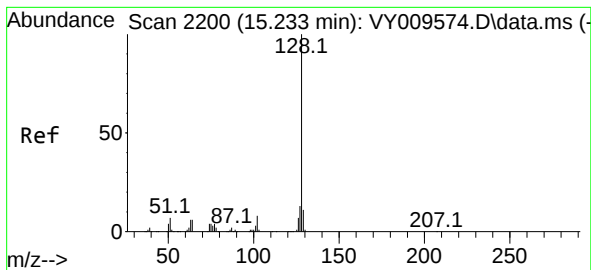
Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

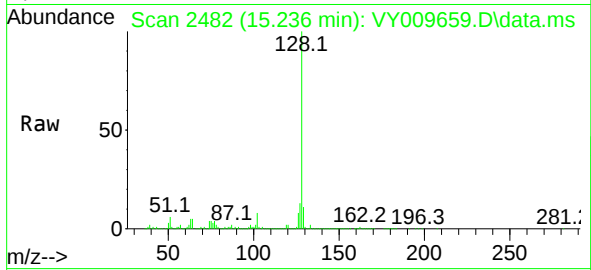
157 0.0 47.8 143.3#





#95
Naphthalene
Concen: 521.835 ug/l
RT: 15.236 min Scan# 24
Delta R.T. 0.003 min
Lab File: VY009659.D
Acq: 22 Jul 2022 15:00

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)



Tgt Ion:128 Resp: 2528460
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 11.0 8.4 12.6

