

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009655.D
 Acq On : 22 Jul 2022 13:24
 Operator : KP/MD
 Sample : N3773-13
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-2(5-5.5)

Quant Time: Jul 23 00:53:17 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	7.783	168	169303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118658	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80065	50.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.000%	
35) Dibromofluoromethane	7.710	113	79174	47.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.320%	
50) Toluene-d8	10.173	98	314905	49.309	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.477	95	105003	50.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 101.480%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.954	59	813	Below Cal	#	77
13) Acrolein	3.680	56	598	5.224	ug/l #	1
15) Acrylonitrile	5.222	53	2966	6.728	ug/l #	43
16) Acetone	3.942	43	23962	59.158	ug/l	92
20) Methylene Chloride	4.704	84	47774	17.014	ug/l #	81
25) 2-Butanone	6.978	43	11700	19.802	ug/l	93
29) Tetrahydrofuran	7.338	42	396	1.021	ug/l #	46
31) Cyclohexane	7.771	56	96021	34.010	ug/l	96
36) 1,1-Dichloropropene	7.783	75	11543	4.702	ug/l #	64
37) Ethyl Acetate	6.978	43	11700	8.563	ug/l #	72
38) Carbon Tetrachloride	7.783	117	14874	5.788	ug/l #	15
39) Methylcyclohexane	9.179	83	176748	58.391	ug/l	89
40) Benzene	8.155	78	126625	17.628	ug/l	95
41) Methacrylonitrile	7.344	41	1660	2.532	ug/l #	27
43) Isopropyl Acetate	8.258	43	14969	5.979	ug/l #	56
47) Bromodichloromethane	9.478	83	5821	2.425	ug/l #	24
48) Methyl methacrylate	9.319	41	6041	5.461	ug/l #	35
51) 4-Methyl-2-Pentanone	10.106	43	10983	8.449	ug/l #	84
52) Toluene	10.240	92	30201	6.637	ug/l	95
55) 1,1,2-Trichloroethane	10.612	97	35048	24.313	ug/l #	19
56) Ethyl methacrylate	10.520	69	4403	2.387	ug/l #	38
58) 2-Chloroethyl Vinyl ether	9.752	63	1076	29.239	ug/l #	48
67) Ethyl Benzene	11.587	91	933781	105.521	ug/l	96
68) m/p-Xylenes	11.697	106	232933	66.140	ug/l	91
69) o-Xylene	12.026	106	20054	6.085	ug/l	92
73) Isopropylbenzene	12.325	105	342471	41.686	ug/l	99
74) N-amyl acetate	12.124	43	3385	1.549	ug/l #	63
76) 1,2,3-Trichloropropane	12.666	75	6326	5.597	ug/l #	100
78) n-propylbenzene	12.666	91	1119573	112.779	ug/l	97
79) 2-Chlorotoluene	12.764	91	34518	6.271	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.764	105	338871	49.918	ug/l	73
81) trans-1,4-Dichloro-2-b...	12.325	75	3628	6.329	ug/l #	66
82) 4-Chlorotoluene	12.764	91	34518	6.045	ug/l #	41
83) tert-Butylbenzene	13.117	119	824908	136.773	ug/l #	75
84) 1,2,4-Trimethylbenzene	13.117	105	6248870	920.422	ug/l	94
85) sec-Butylbenzene	13.117	105	6248870	698.818	ug/l #	56

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009655.D
 Acq On : 22 Jul 2022 13:24
 Operator : KP/MD
 Sample : N3773-13
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

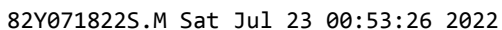
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-2(5-5.5)

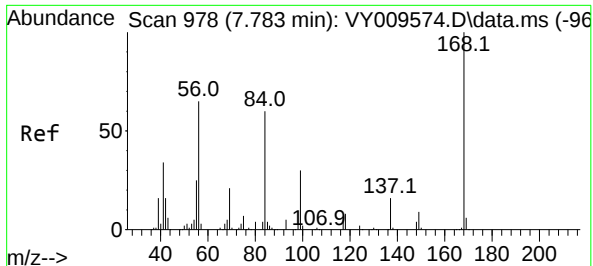
Quant Time: Jul 23 00:53:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.367	119	31874	4.242	ug/l #	74
89) n-Butylbenzene	13.690	91	173096	25.221	ug/l #	76
90) Hexachloroethane	13.971	117	78976	54.550	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.373	75	417	1.666	ug/l #	6
95) Naphthalene	15.233	128	207055	48.398	ug/l	98

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

Quant Time: Jul 23 00:53:17 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

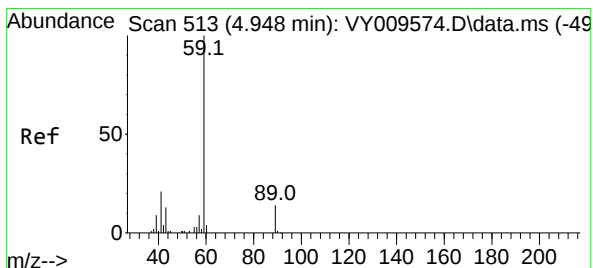
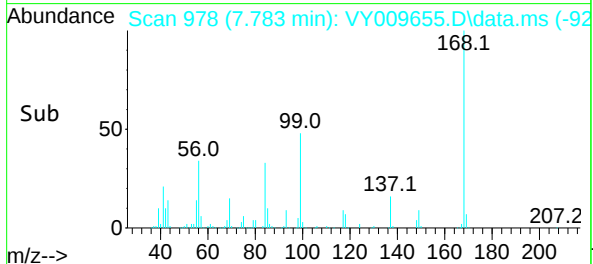
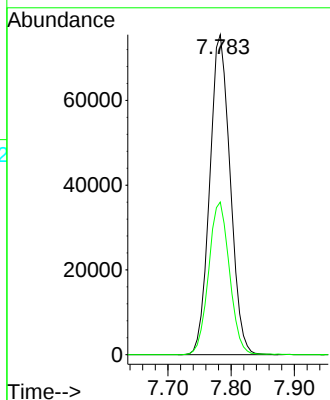
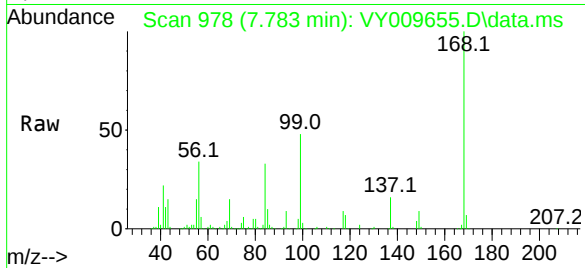




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

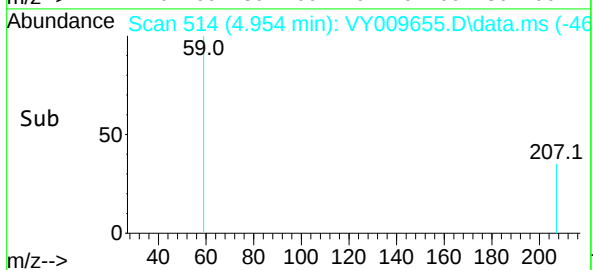
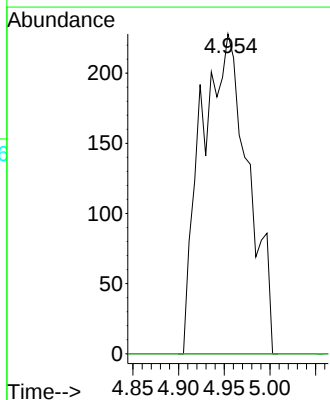
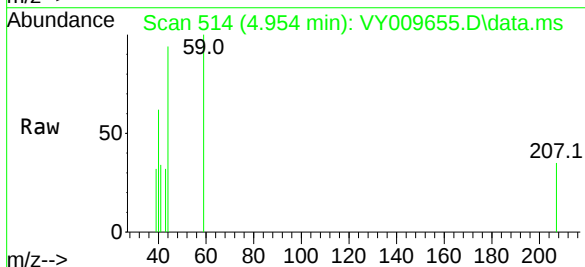
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

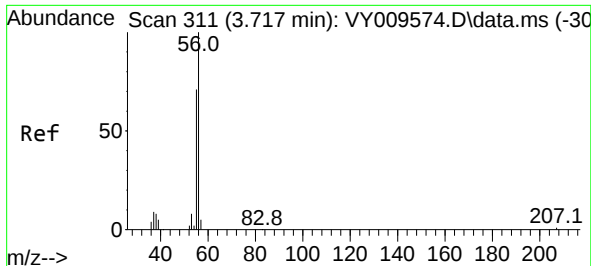
Tgt Ion:168 Resp: 169303
Ion Ratio Lower Upper
168 100
99 47.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 59 Resp: 813
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: 5.224 ug/l

RT: 3.680 min Scan# 305

Delta R.T. -0.037 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

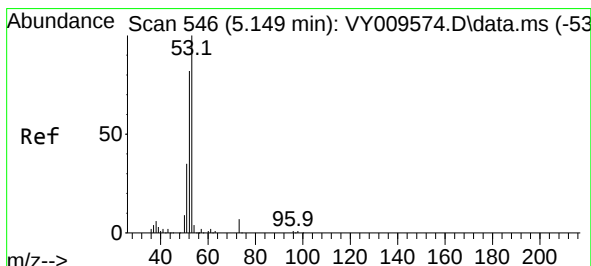
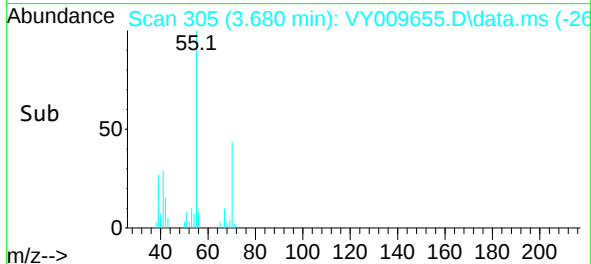
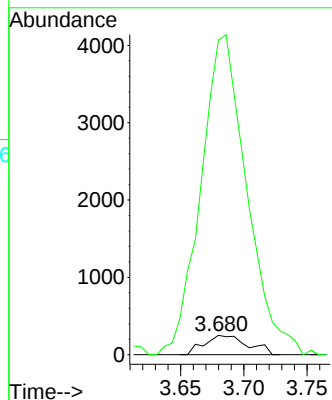
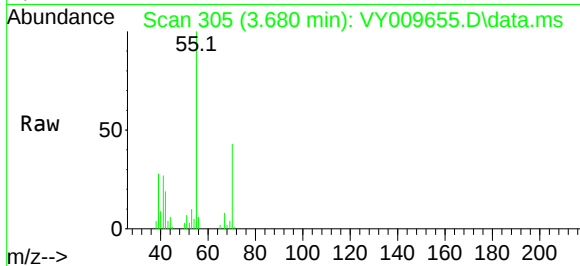
DL-2(5-5.5)

Tgt Ion: 56 Resp: 598

Ion Ratio Lower Upper

56 100

55 1748.5 57.6 86.4#



#15

Acrylonitrile

Concen: 6.728 ug/l

RT: 5.222 min Scan# 558

Delta R.T. 0.073 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

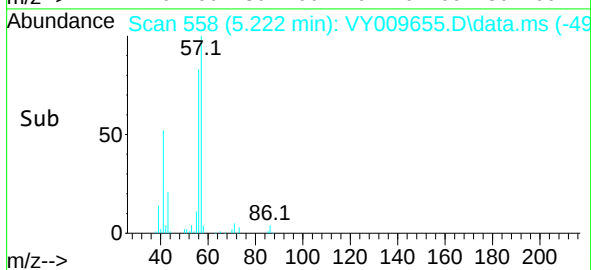
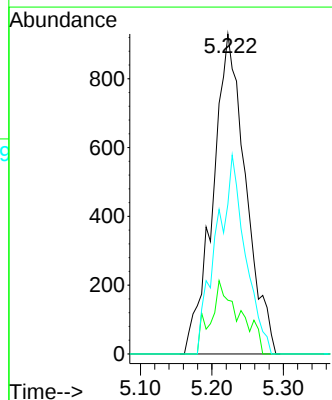
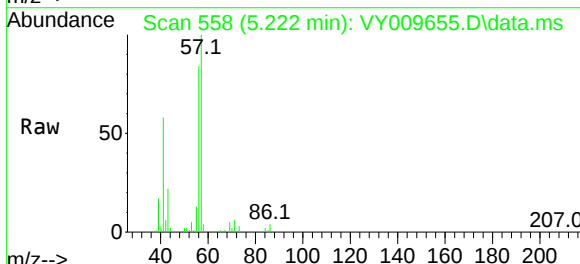
Tgt Ion: 53 Resp: 2966

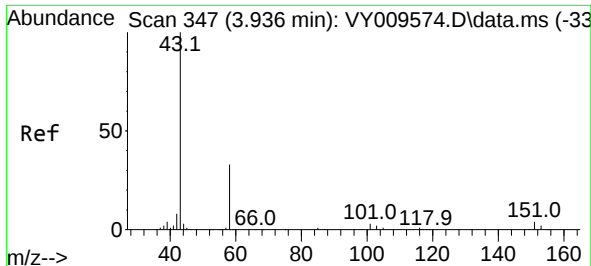
Ion Ratio Lower Upper

53 100

52 20.4 67.0 100.4#

51 54.6 29.8 44.6#

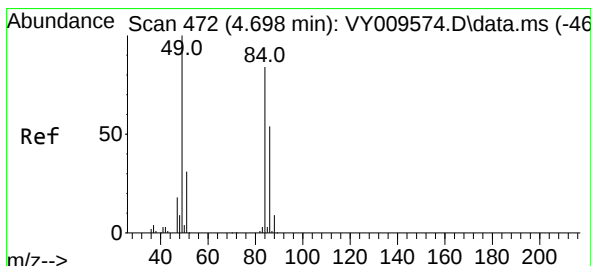
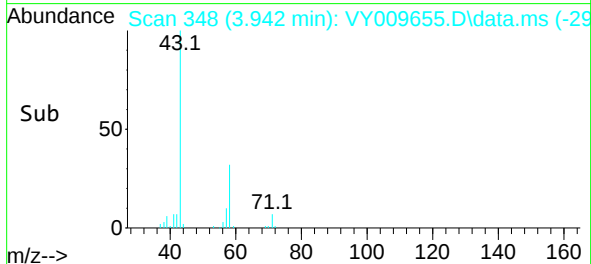
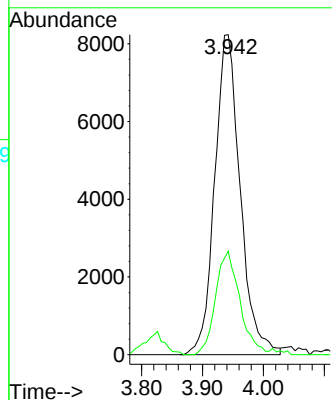
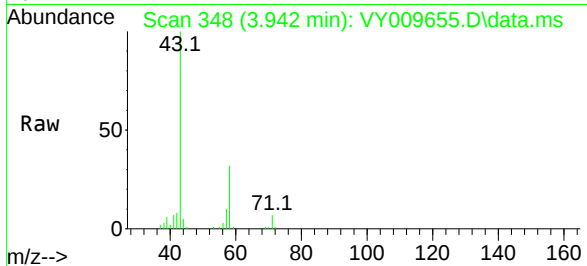




#16
Acetone
Concen: 59.158 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

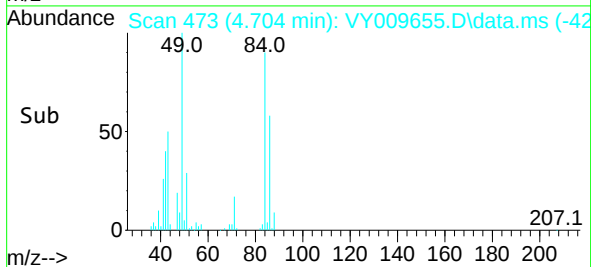
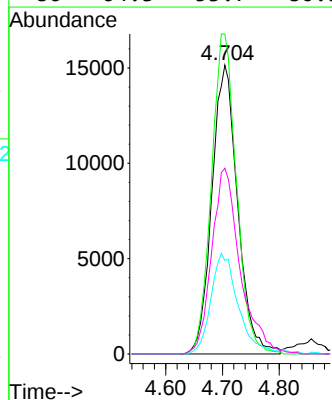
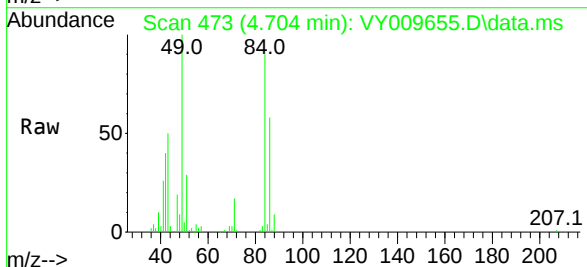
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

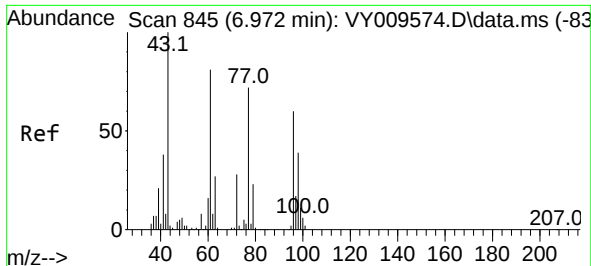
Tgt Ion: 43 Resp: 23962
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0



#20
Methylene Chloride
Concen: 17.014 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

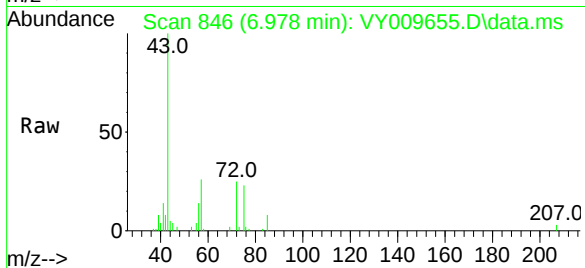
Tgt Ion: 84 Resp: 47774
Ion Ratio Lower Upper
84 100
49 110.8 114.4 171.6#
51 32.4 35.3 52.9#
86 64.3 53.7 80.5



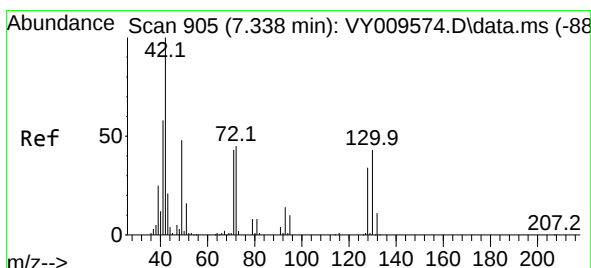
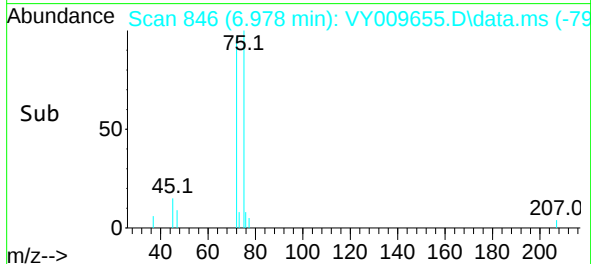
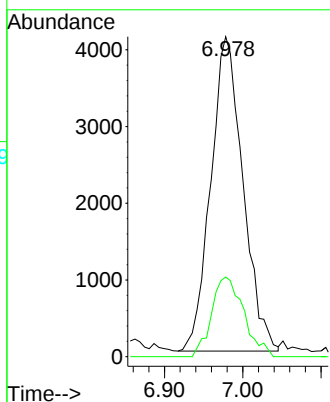


#25
2-Butanone
Concen: 19.802 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

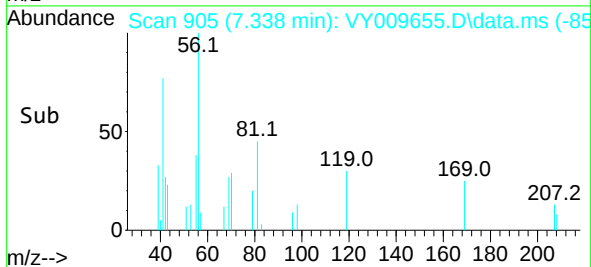
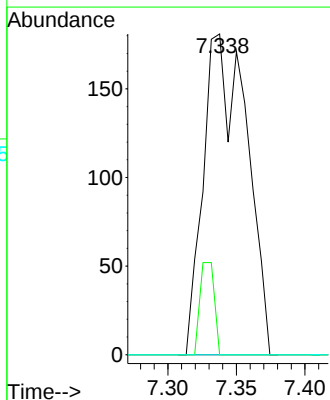
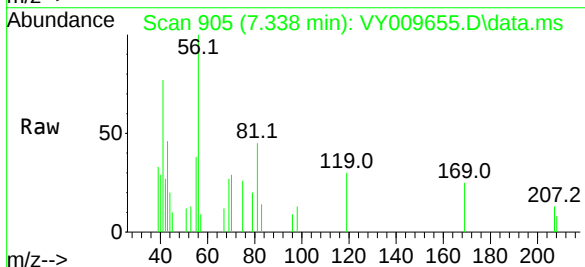


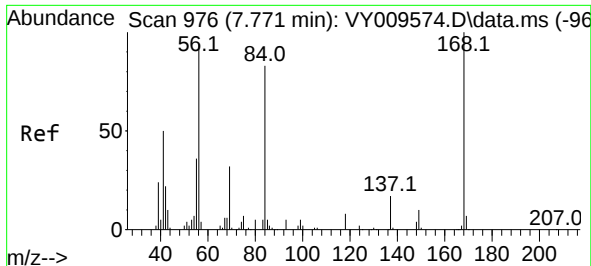
Tgt Ion: 43 Resp: 11700
Ion Ratio Lower Upper
43 100
72 25.3 17.7 26.5



#29
Tetrahydrofuran
Concen: 1.021 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 42 Resp: 396
Ion Ratio Lower Upper
42 100
72 9.6 30.3 45.5#
71 0.0 29.0 43.4#

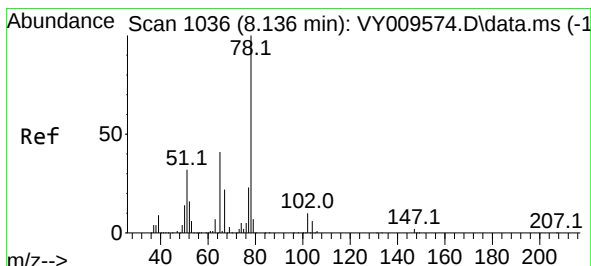
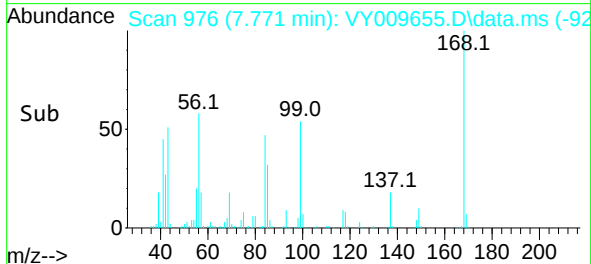
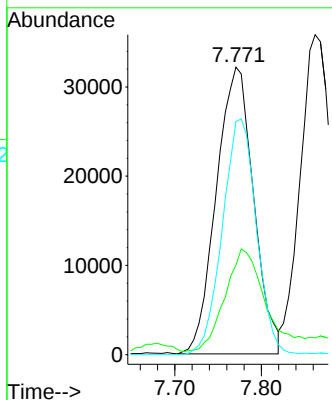
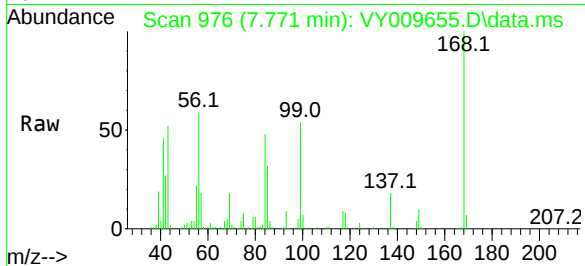




#31
Cyclohexane
Concen: 34.010 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

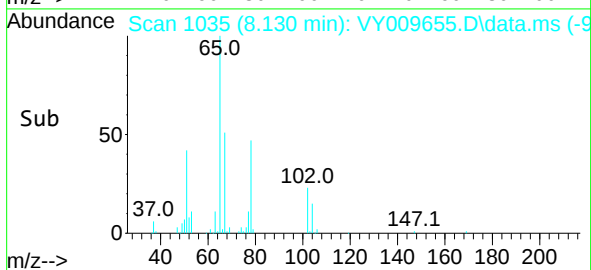
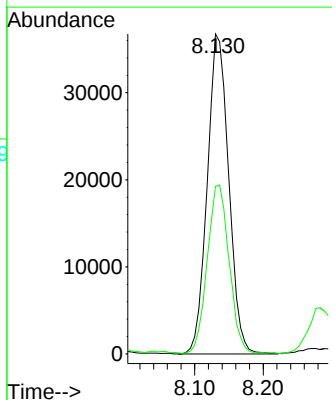
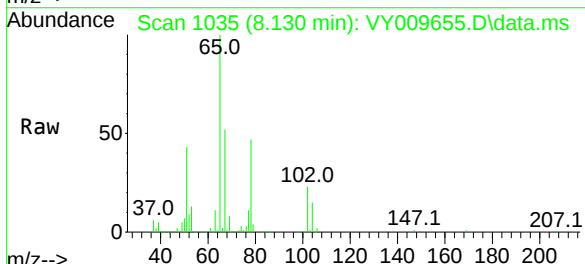
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

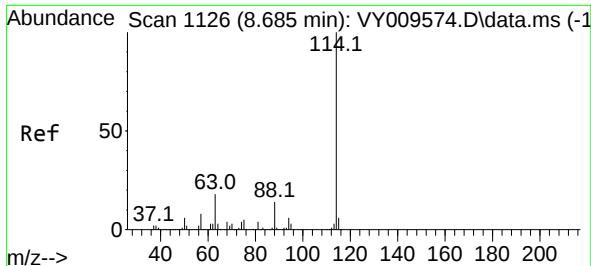
Tgt Ion: 56 Resp: 96021
Ion Ratio Lower Upper
56 100
69 29.6 26.7 40.1
84 81.3 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 50.003 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 65 Resp: 80065
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

DL-2(5-5.5)

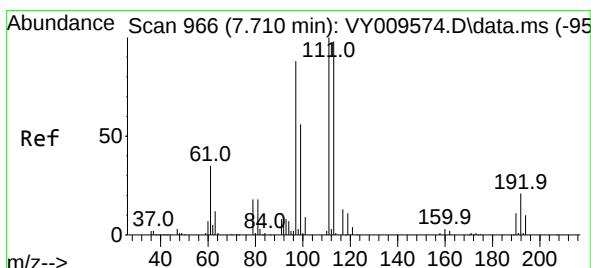
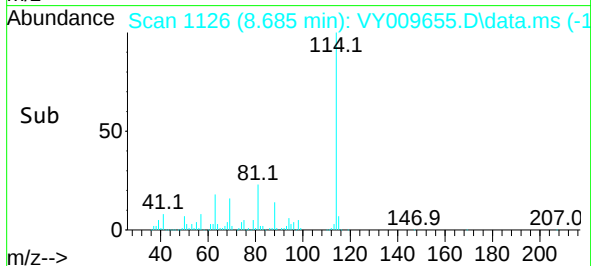
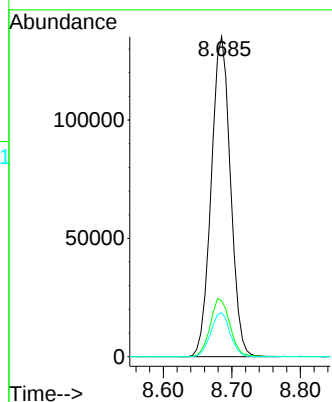
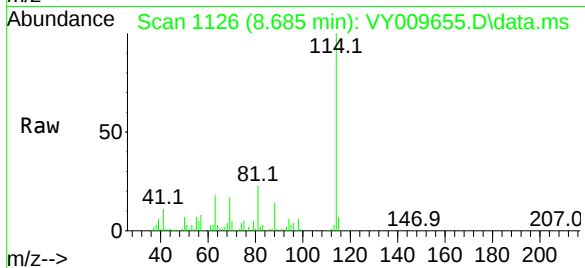
Tgt Ion:114 Resp: 263693

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.659 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

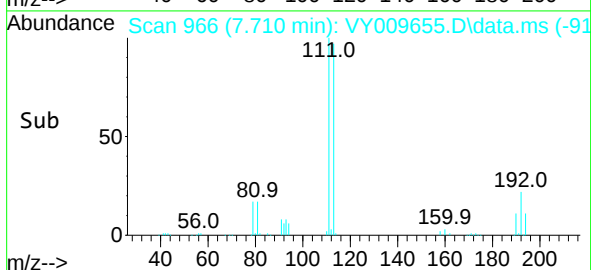
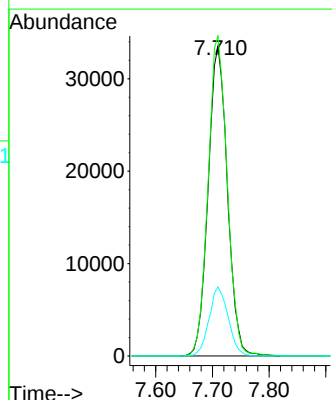
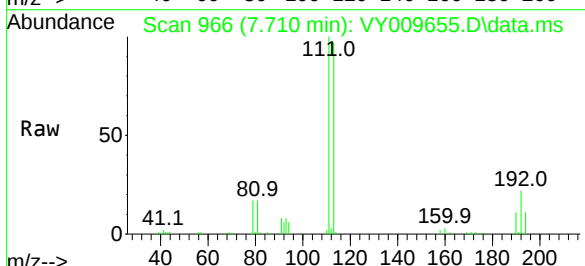
Tgt Ion:113 Resp: 79174

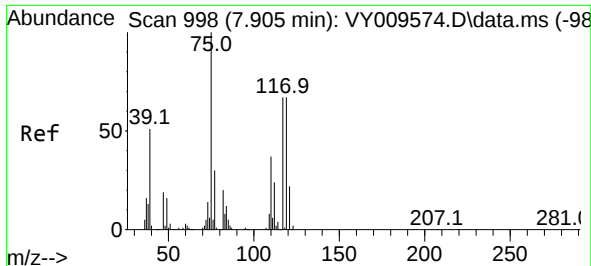
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 22.0 17.6 26.4

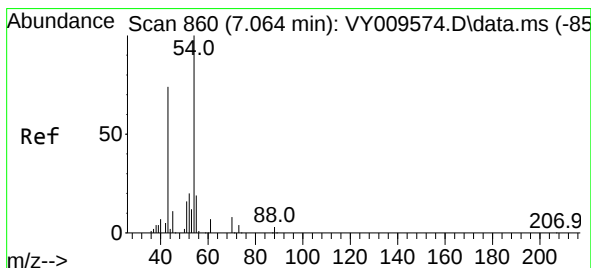
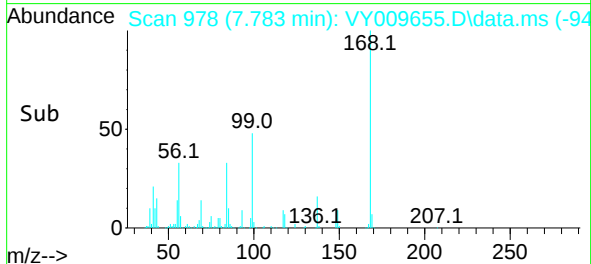
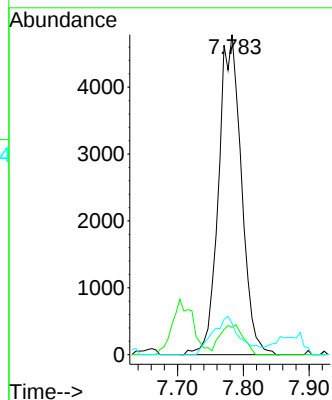
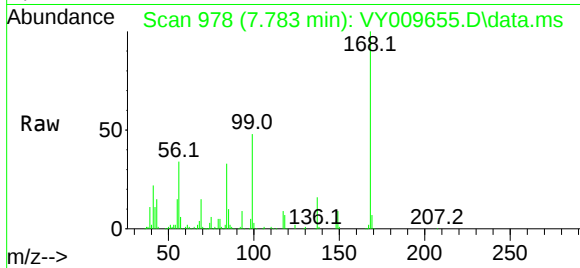




#36
 1,1-Dichloropropene
 Concen: 4.702 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY009655.D
 Acq: 22 Jul 2022 13:24

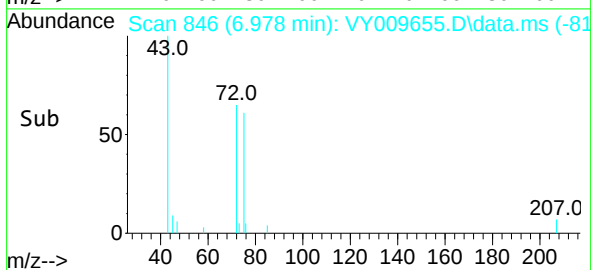
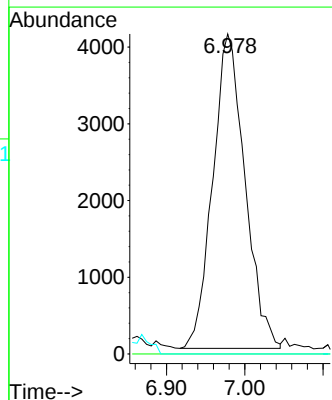
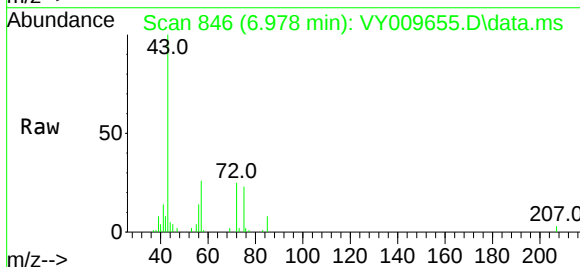
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-2(5-5.5)

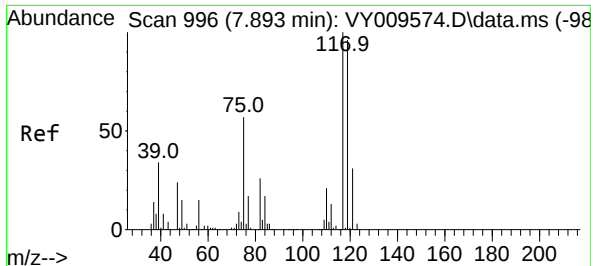
Tgt Ion: 75 Resp: 11543
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.1 51.2#
 77 14.6 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 8.563 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.085 min
 Lab File: VY009655.D
 Acq: 22 Jul 2022 13:24

Tgt Ion: 43 Resp: 11700
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.7 14.5#
 70 0.0 7.1 10.7#

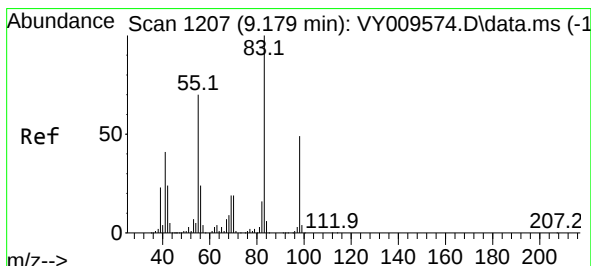
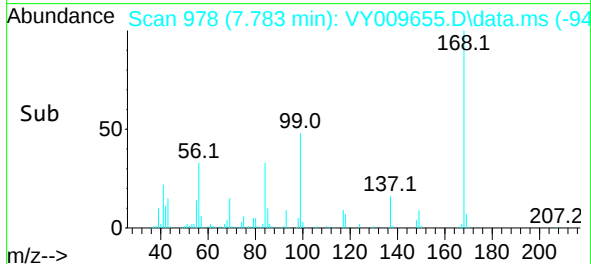
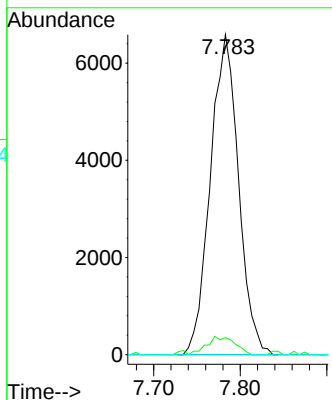
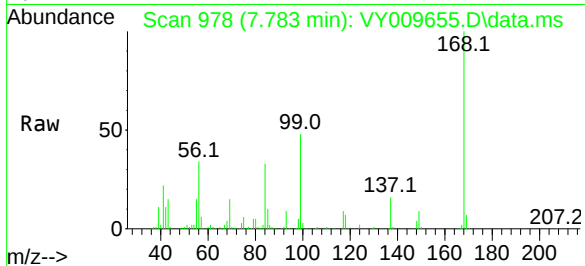




#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

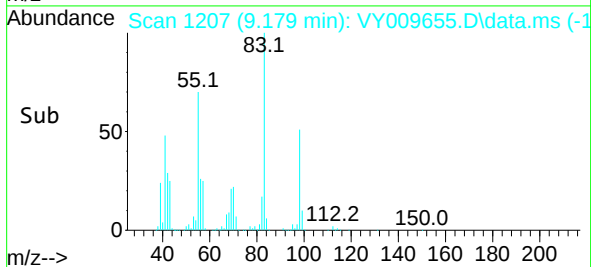
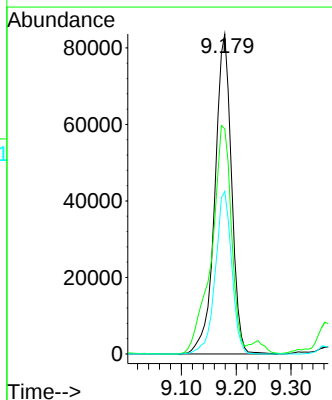
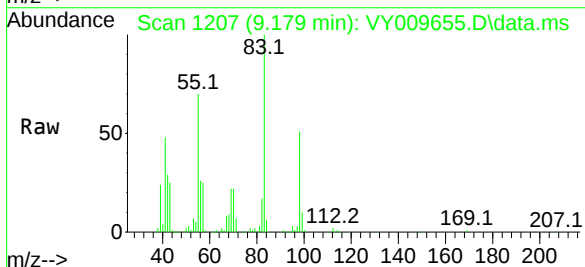
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

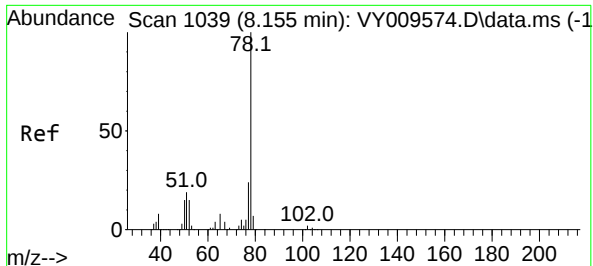
Tgt Ion:117 Resp: 14874
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 58.391 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 83 Resp: 176748
Ion Ratio Lower Upper
83 100
55 70.3 66.5 99.7
98 50.8 37.9 56.9

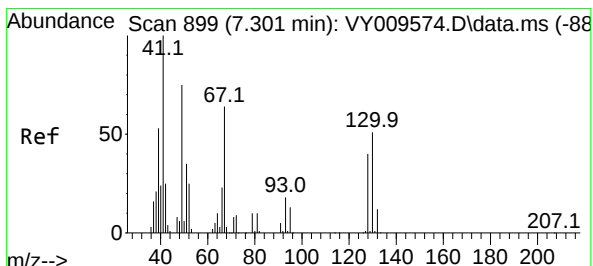
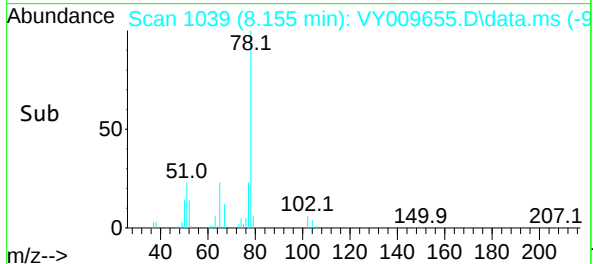
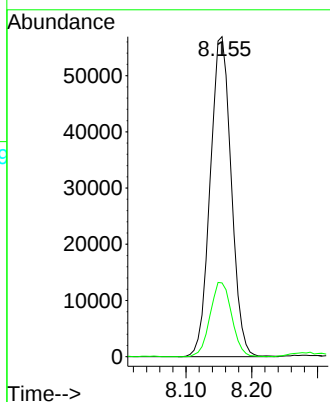
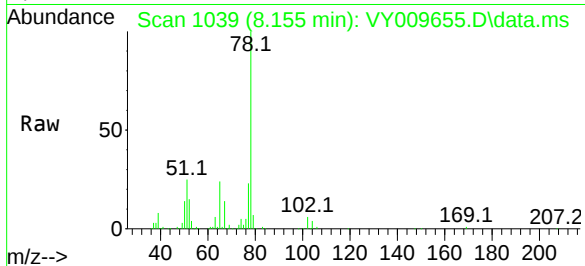




#40
Benzene
Concen: 17.628 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

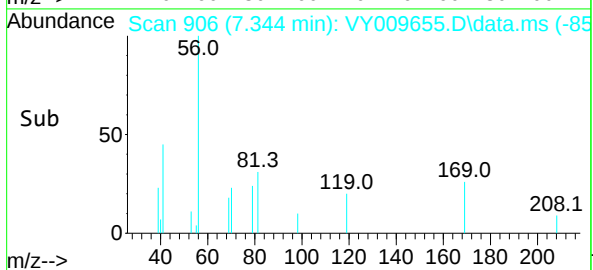
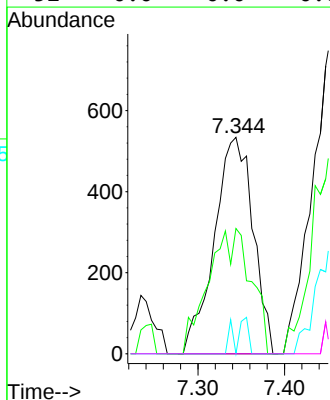
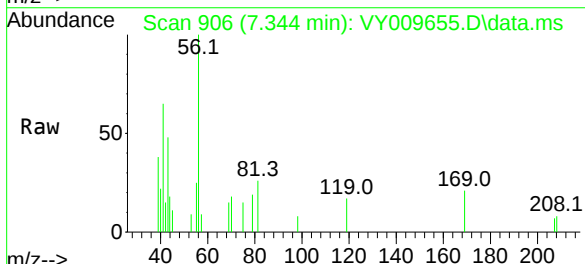
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

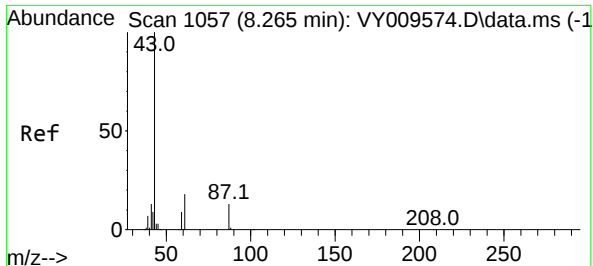
Tgt Ion: 78 Resp: 126625
Ion Ratio Lower Upper
78 100
77 23.0 20.4 30.6



#41
Methacrylonitrile
Concen: 2.532 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 41 Resp: 1660
Ion Ratio Lower Upper
41 100
39 36.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 5.979 ug/l

RT: 8.258 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

DL-2(5-5.5)

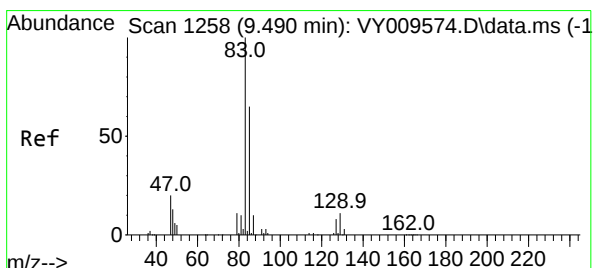
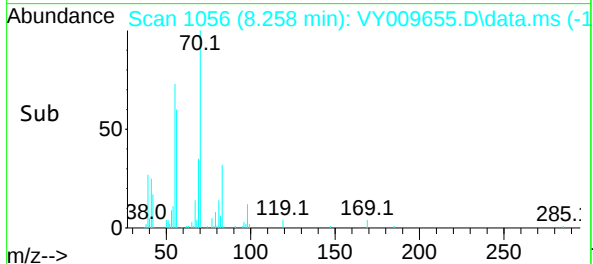
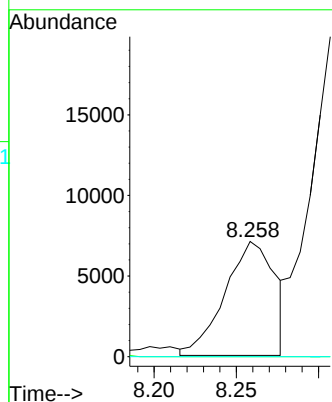
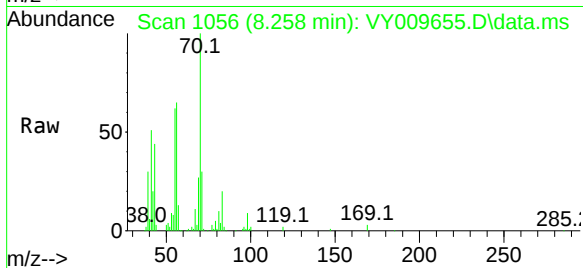
Tgt Ion: 43 Resp: 14969

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 0.0 8.9 13.3#



#47

Bromodichloromethane

Concen: 2.425 ug/l

RT: 9.478 min Scan# 1256

Delta R.T. -0.012 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

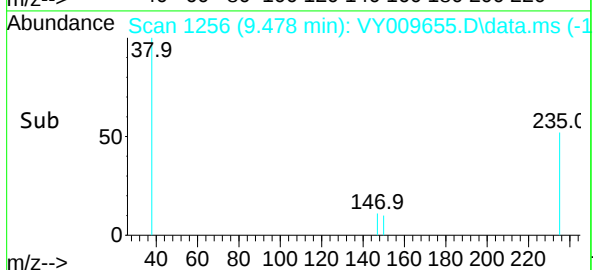
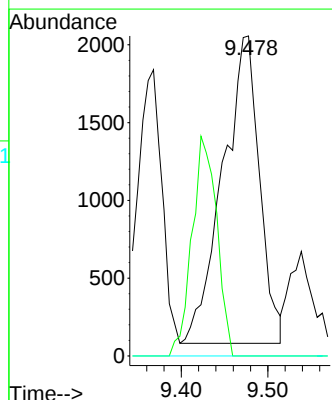
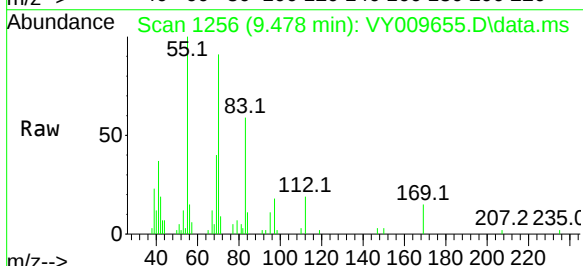
Tgt Ion: 83 Resp: 5821

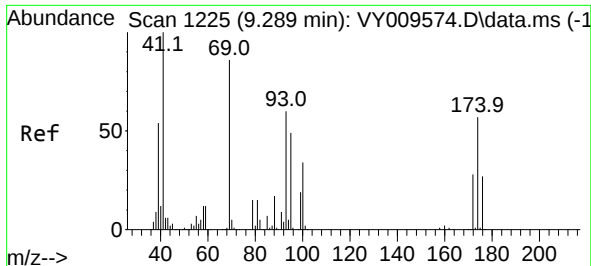
Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 6.6 10.0#

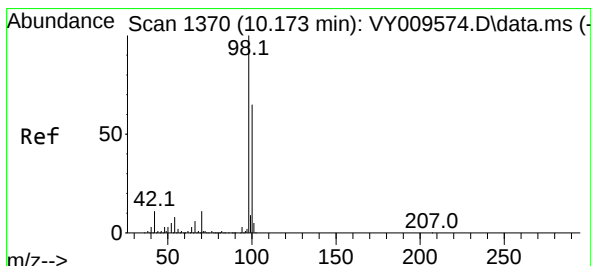
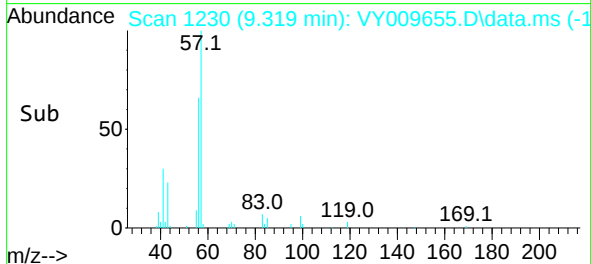
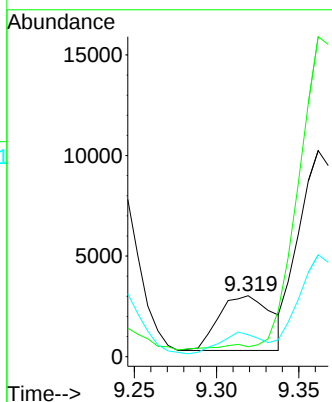
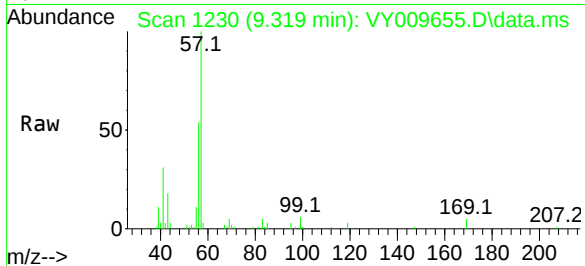




#48
Methyl methacrylate
Concen: 5.461 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.030 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

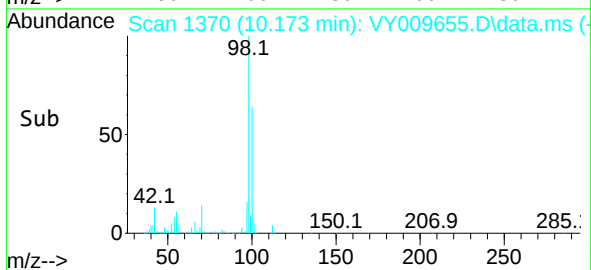
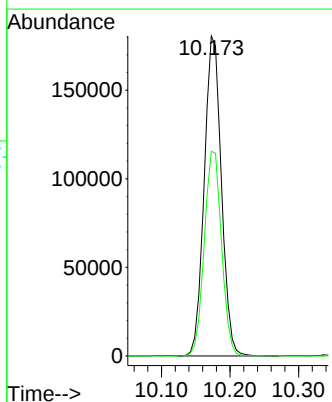
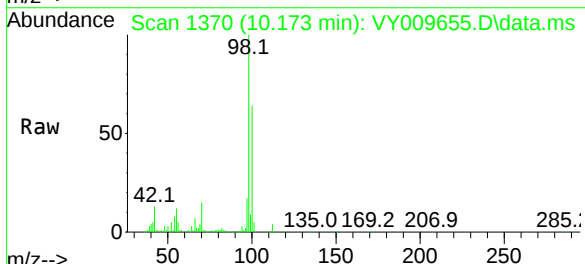
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

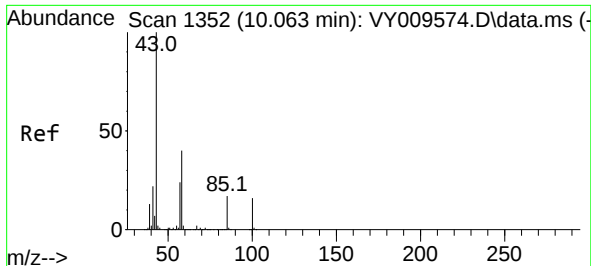
Tgt Ion: 41 Resp: 6041
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 30.5 47.4 71.0#



#50
Toluene-d8
Concen: 49.309 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 98 Resp: 314905
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

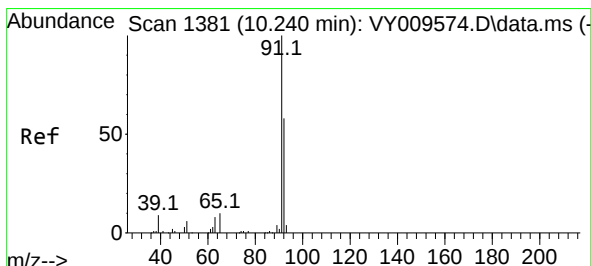
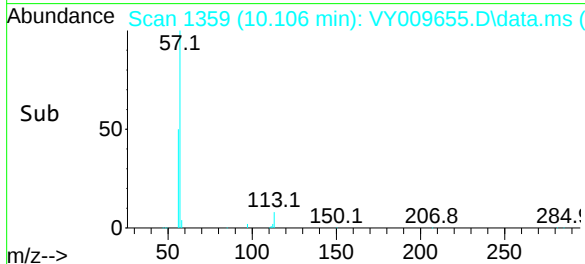
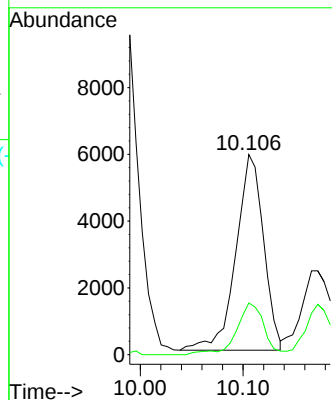
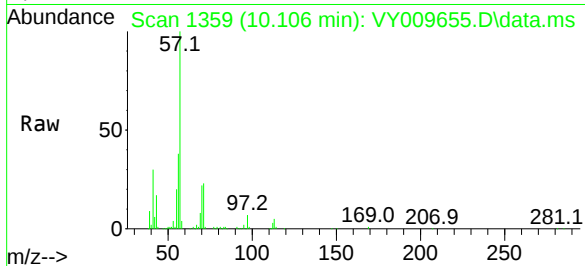




#51
4-Methyl-2-Pentanone
Concen: 8.449 ug/l
RT: 10.106 min Scan# 1359
Delta R.T. 0.043 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

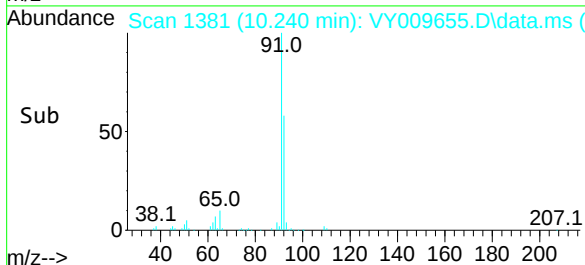
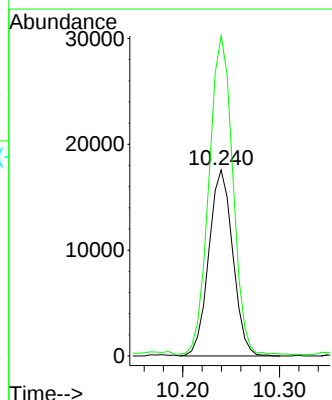
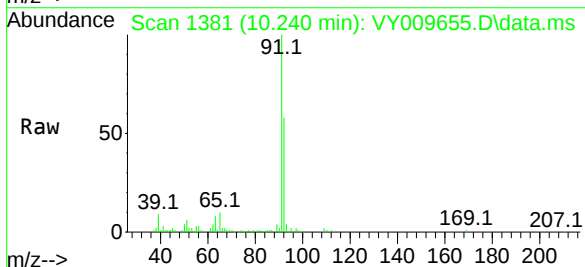
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

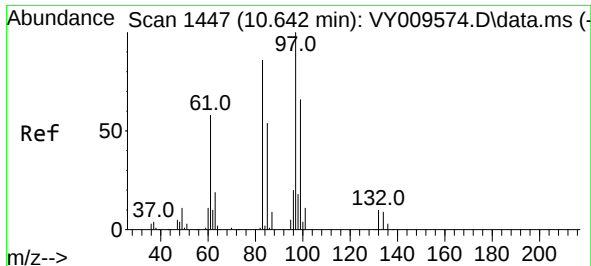
Tgt Ion: 43 Resp: 10983
Ion Ratio Lower Upper
43 100
58 26.1 28.1 42.1#



#52
Toluene
Concen: 6.637 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 92 Resp: 30201
Ion Ratio Lower Upper
92 100
91 171.1 142.6 213.8

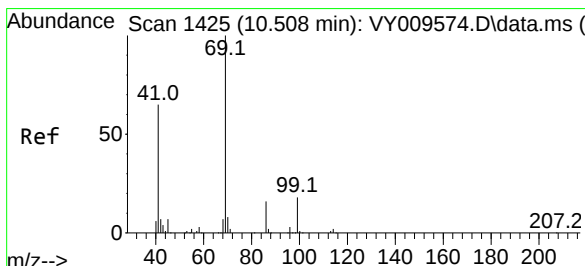
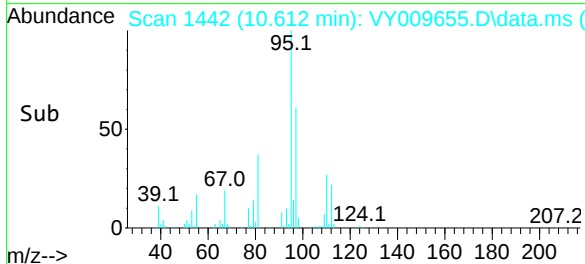
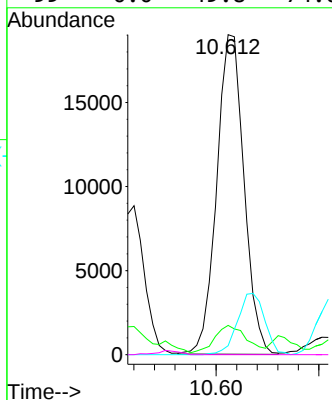
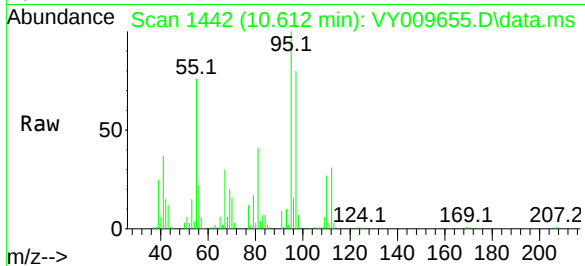




#55
1,1,2-Trichloroethane
Concen: 24.313 ug/l
RT: 10.612 min Scan# 1442
Delta R.T. -0.031 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

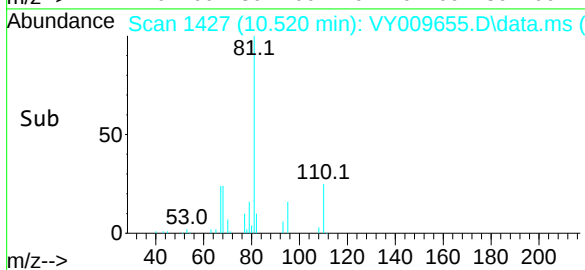
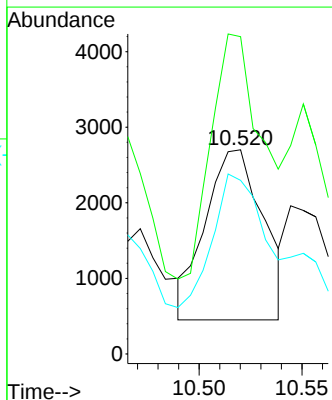
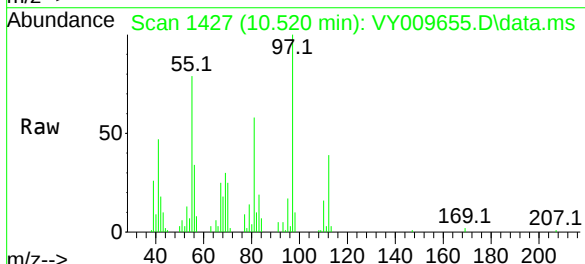
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

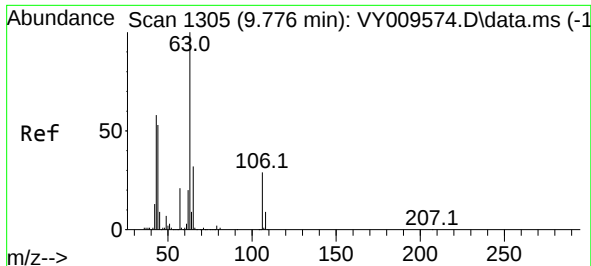
Tgt Ion: 97	Resp: 35048
Ion Ratio	Lower Upper
97 100	
83 7.2	69.8 104.8#
85 2.8	44.3 66.5#
99 0.0	49.8 74.6#



#56
Ethyl methacrylate
Concen: 2.387 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 69	Resp: 4403
Ion Ratio	Lower Upper
69 100	
41 126.6	63.4 95.0#
39 95.0	35.8 53.8#





#58

2-Chloroethyl Vinyl ether

Concen: 29.239 ug/l

RT: 9.752 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

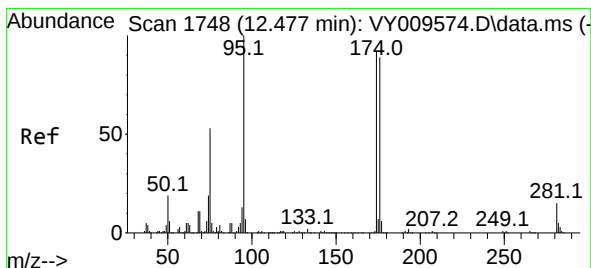
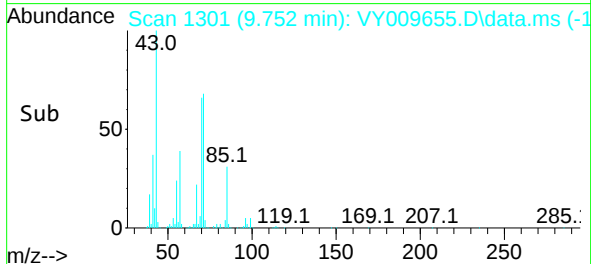
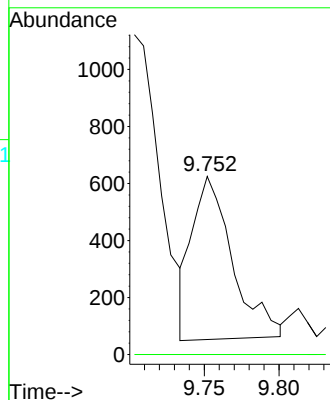
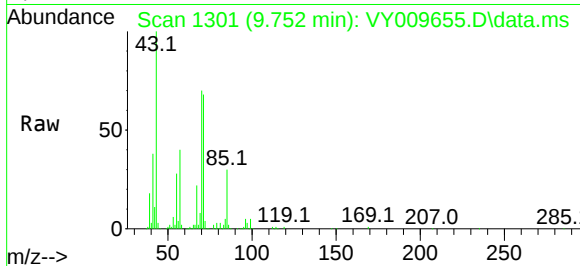
DL-2(5-5.5)

Tgt Ion: 63 Resp: 1076

Ion Ratio Lower Upper

63 100

106 0.0 21.5 32.3#



#62

4-Bromofluorobenzene

Concen: 50.741 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

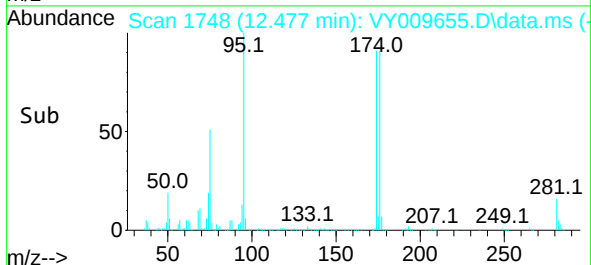
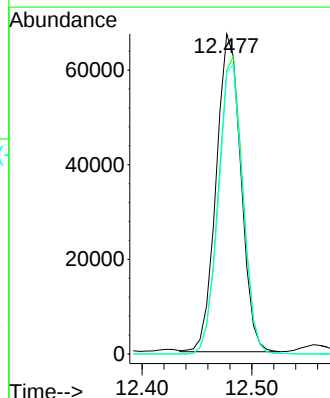
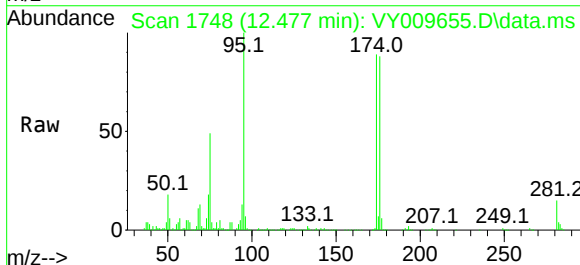
Tgt Ion: 95 Resp: 105003

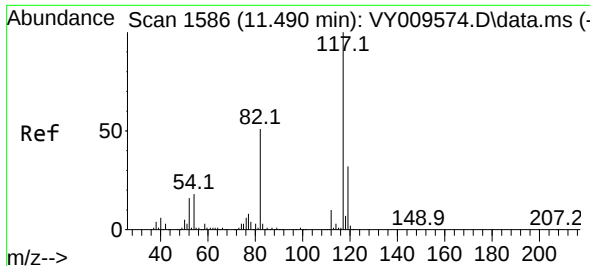
Ion Ratio Lower Upper

95 100

174 92.7 0.0 177.0

176 90.2 0.0 175.8

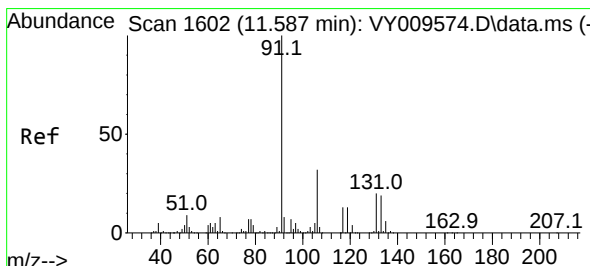
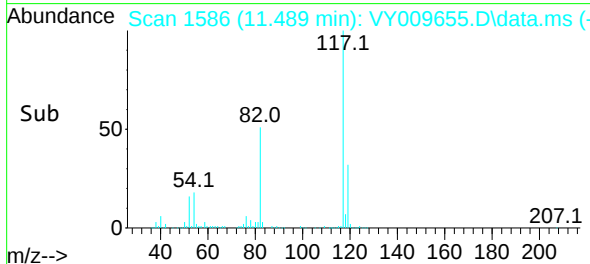
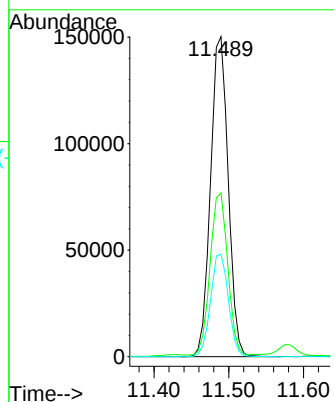
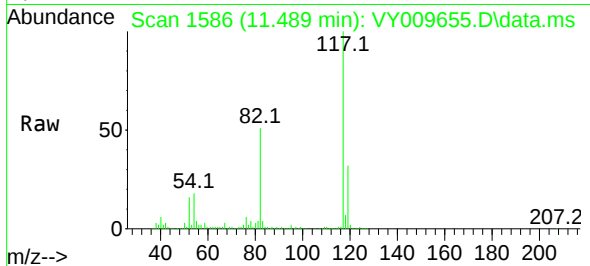




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

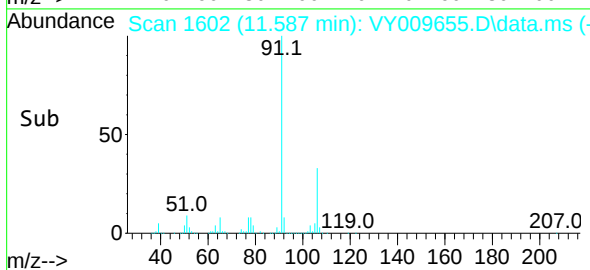
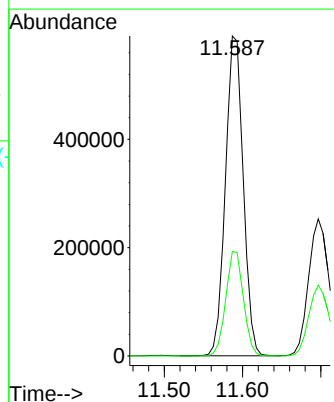
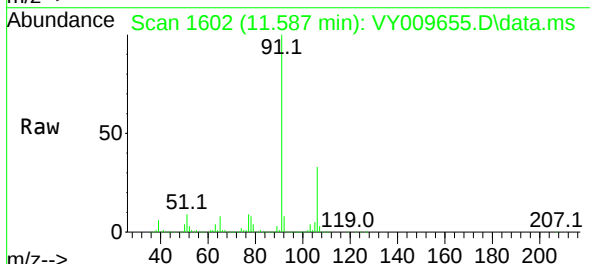
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

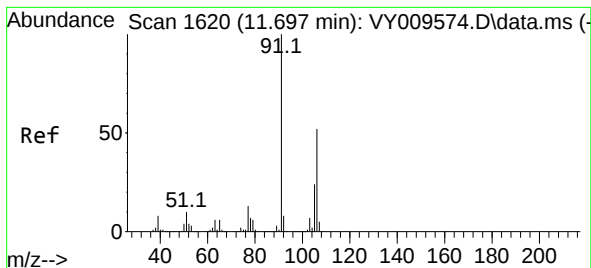
Tgt Ion:117 Resp: 246221
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 105.521 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 91 Resp: 933781
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7

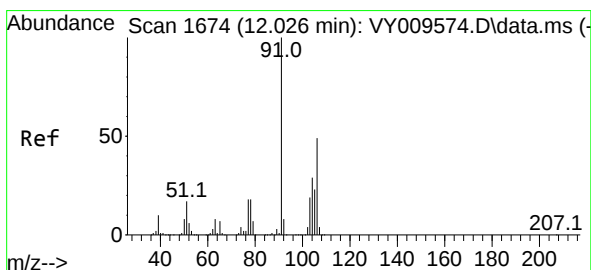
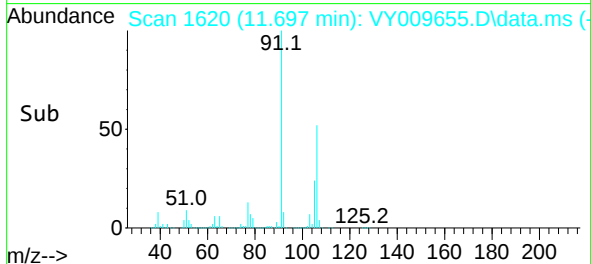
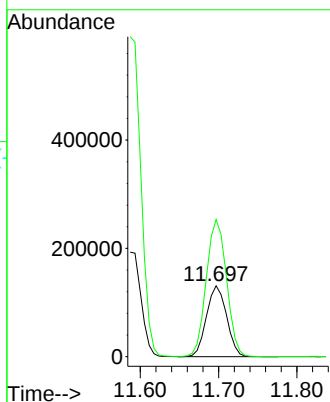
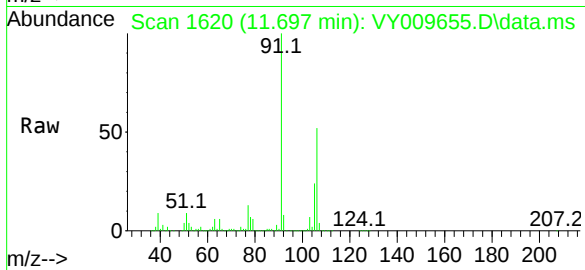




#68
m/p-Xylenes
Concen: 66.140 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

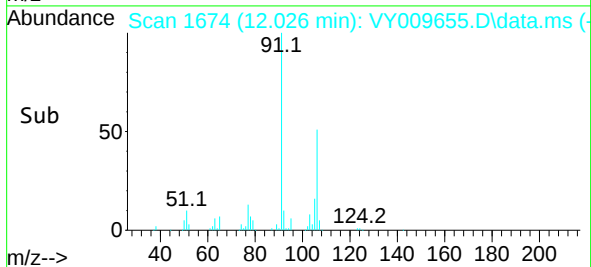
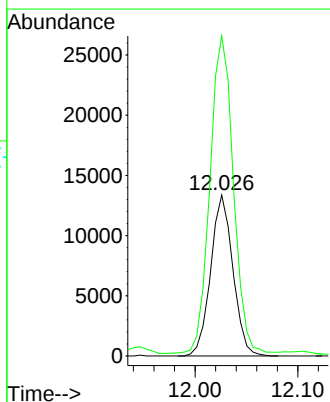
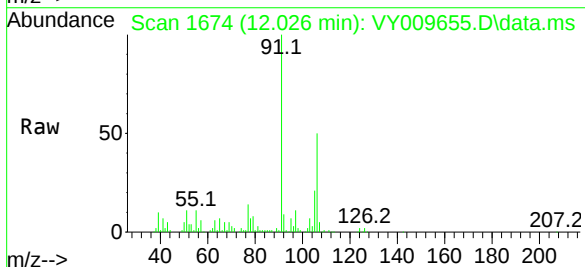
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

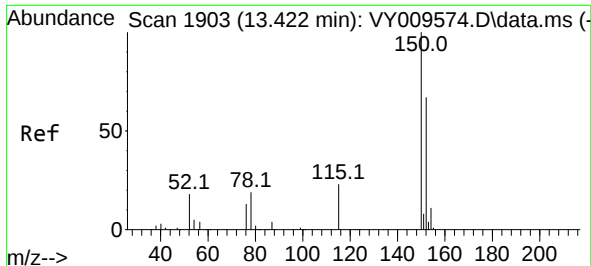
Tgt Ion:106 Resp: 232933
Ion Ratio Lower Upper
106 100
91 194.4 166.6 249.8



#69
o-Xylene
Concen: 6.085 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion:106 Resp: 20054
Ion Ratio Lower Upper
106 100
91 207.1 110.3 331.0

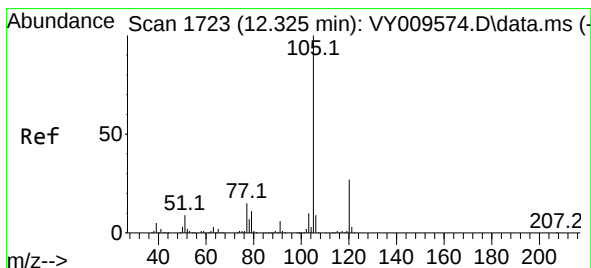
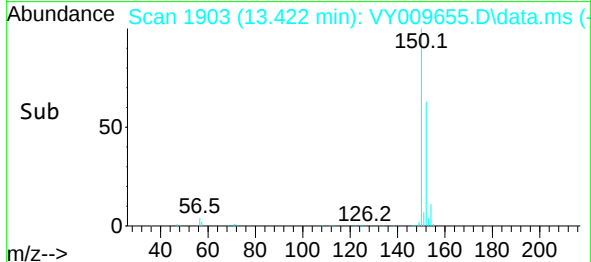
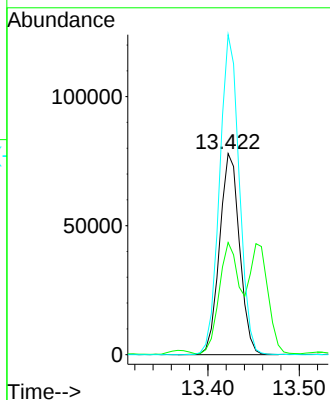
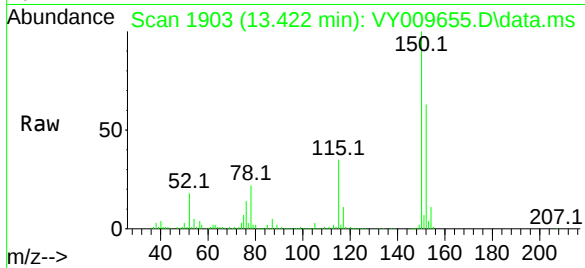




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

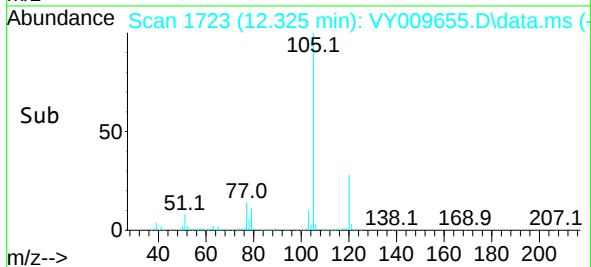
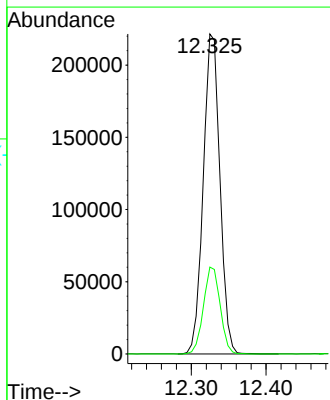
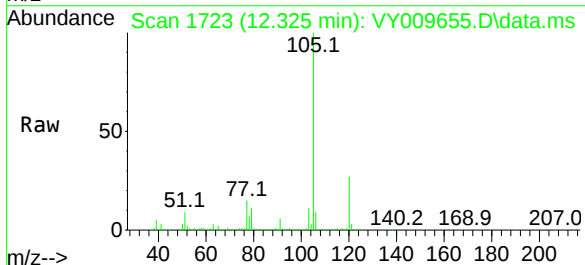
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

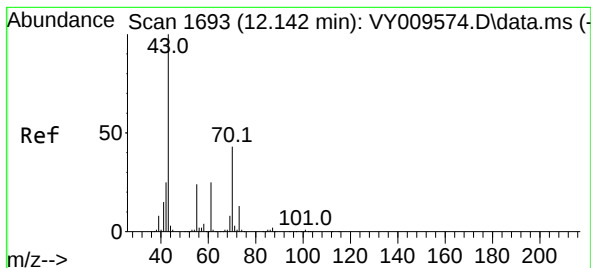
Tgt Ion:152 Resp: 118658
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 156.6 0.0 347.6



#73
Isopropylbenzene
Concen: 41.686 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion:105 Resp: 342471
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2





#74

N-amy1 acetate

Concen: 1.549 ug/l

RT: 12.124 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

DL-2(5-5.5)

Tgt Ion: 43 Resp: 3385

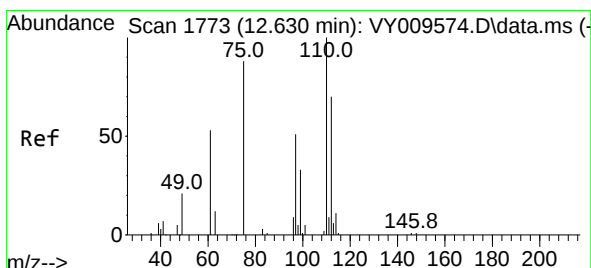
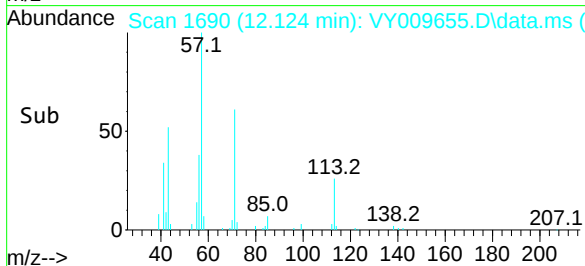
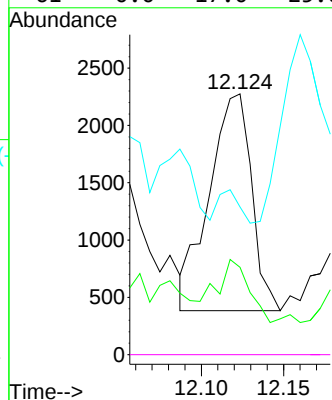
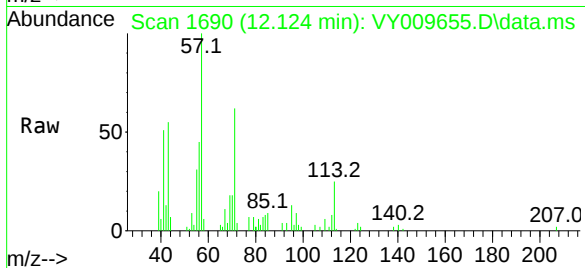
Ion Ratio Lower Upper

43 100

70 19.5 28.7 43.1#

55 0.0 17.3 25.9#

61 0.0 17.0 25.6#



#76

1,2,3-Trichloropropane

Concen: 5.597 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.037 min

Lab File: VY009655.D

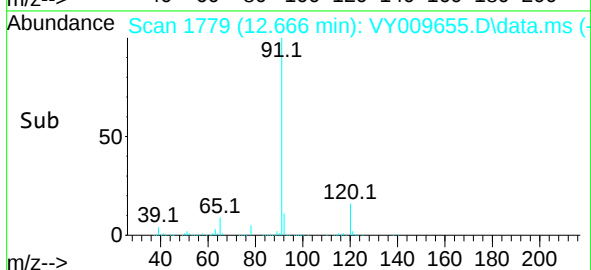
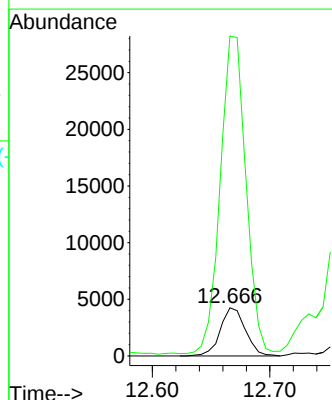
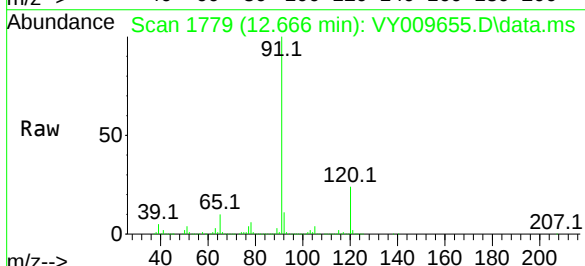
Acq: 22 Jul 2022 13:24

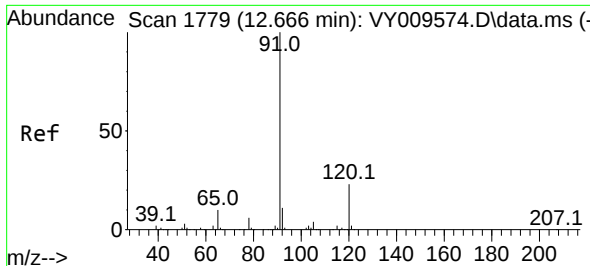
Tgt Ion: 75 Resp: 6326

Ion Ratio Lower Upper

75 100

77 675.9 0.0 0.0#

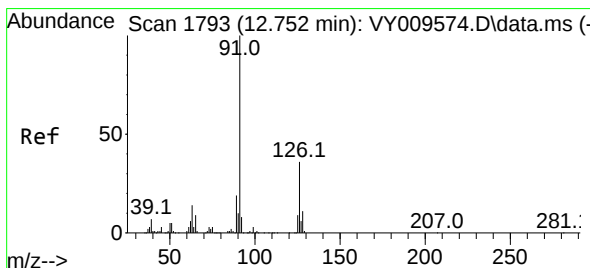
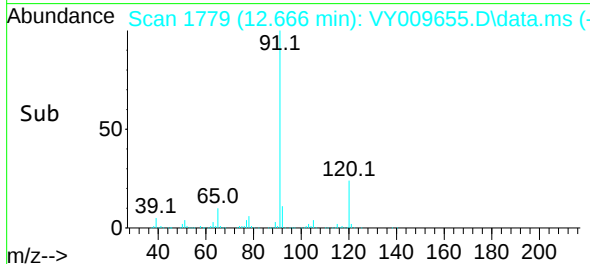
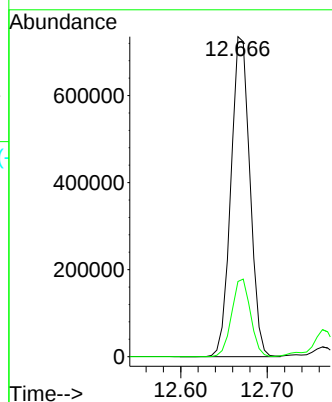
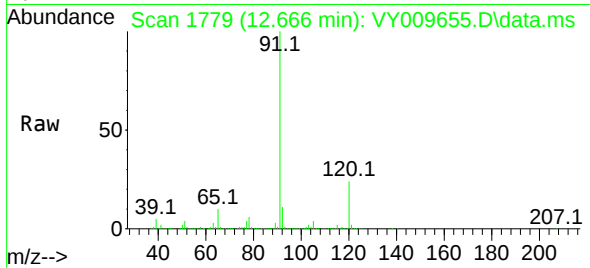




#78
n-propylbenzene
Concen: 112.779 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

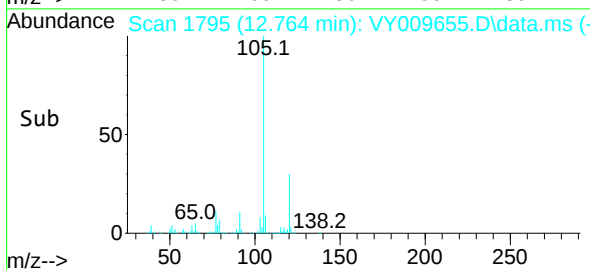
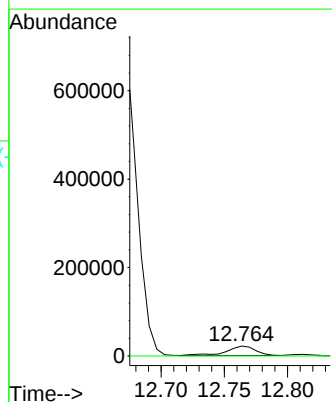
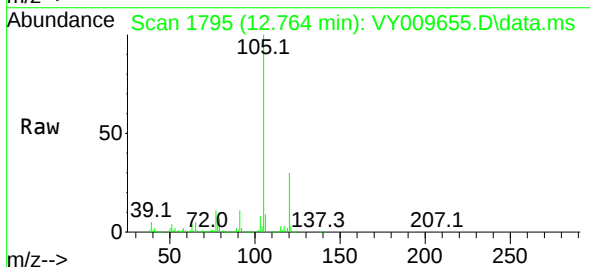
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

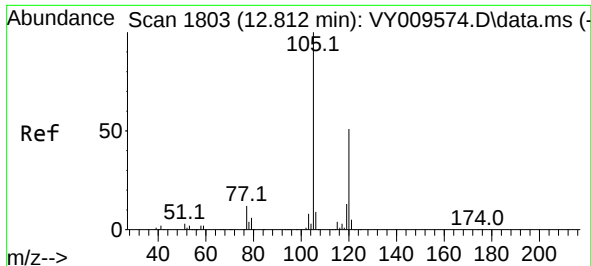
Tgt Ion: 91 Resp: 1119573
Ion Ratio Lower Upper
91 100
120 24.1 11.3 33.9



#79
2-Chlorotoluene
Concen: 6.271 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 91 Resp: 34518
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

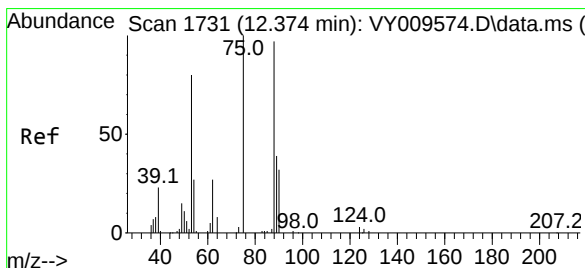
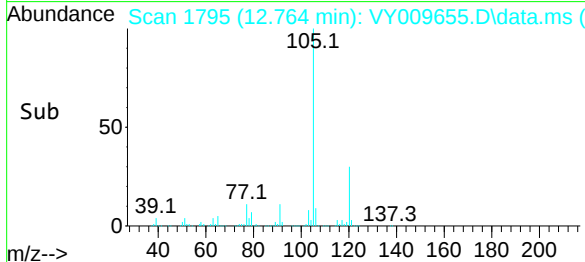
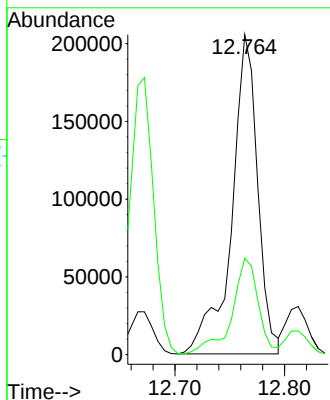
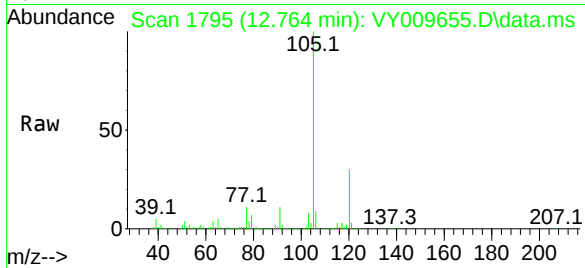




#80
1,3,5-Trimethylbenzene
Concen: 49.918 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.049 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

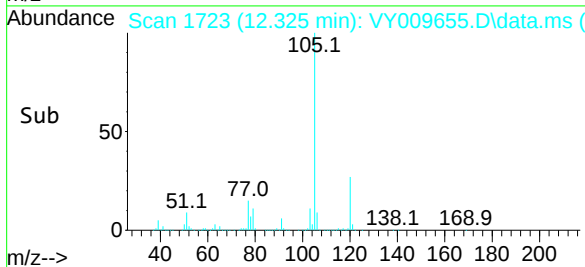
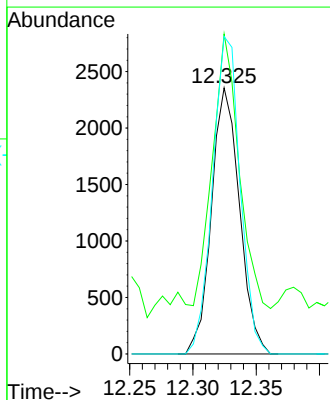
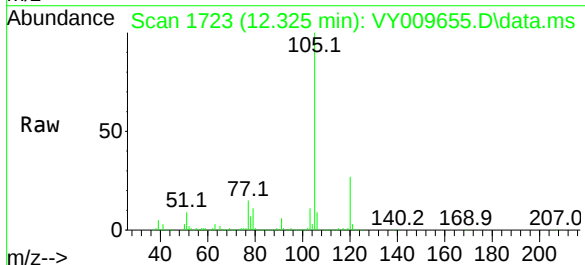
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

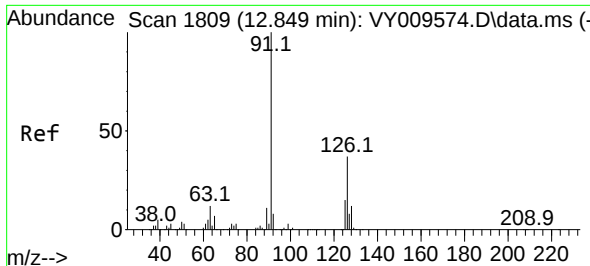
Tgt Ion:105 Resp: 338871
Ion Ratio Lower Upper
105 100
120 30.2 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 6.329 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.049 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 75 Resp: 3628
Ion Ratio Lower Upper
75 100
53 104.7 85.3 127.9
89 117.2 37.0 55.4#

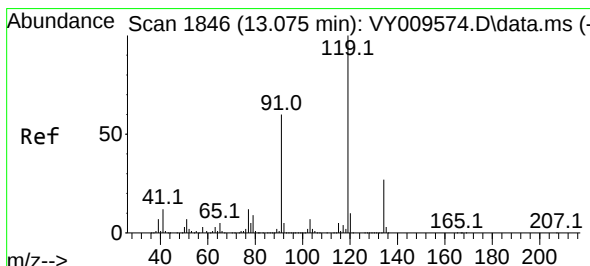
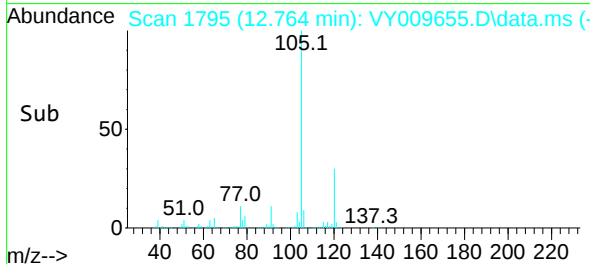
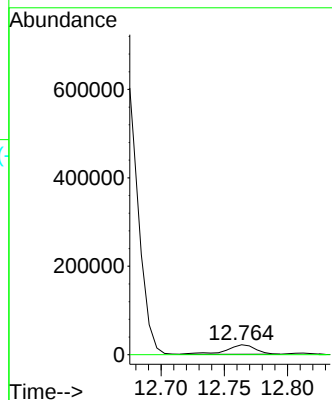
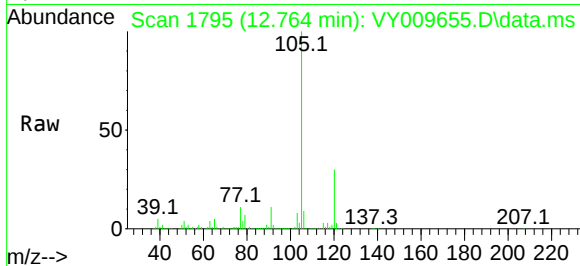




#82
4-Chlorotoluene
Concen: 6.045 ug/l
RT: 12.764 min Scan# 11
Delta R.T. -0.085 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

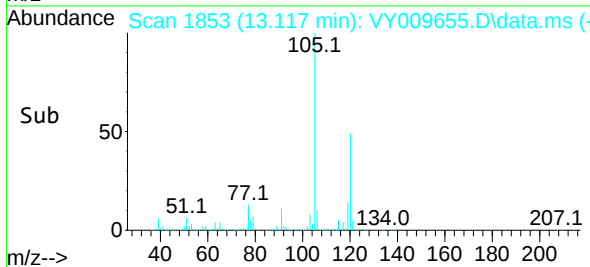
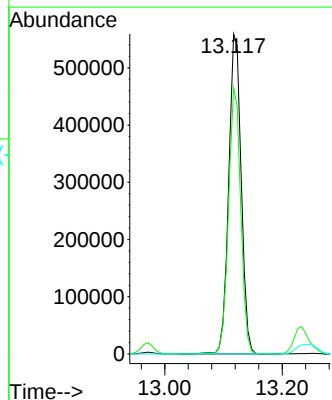
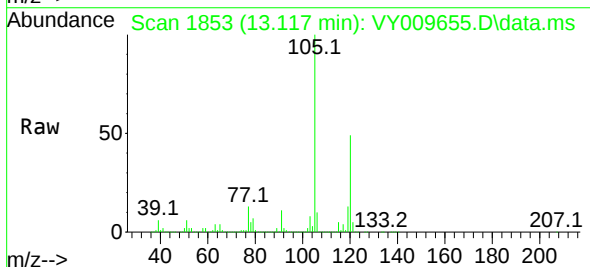
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

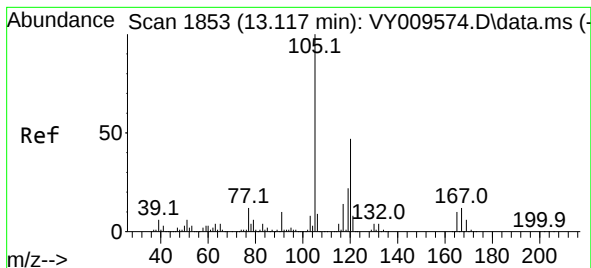
Tgt Ion: 91 Resp: 34518
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 136.773 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.043 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 119 Resp: 824908
Ion Ratio Lower Upper
119 100
91 81.7 34.8 104.4
134 0.0 13.3 39.9#





#84

1,2,4-Trimethylbenzene

Concen: 920.422 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

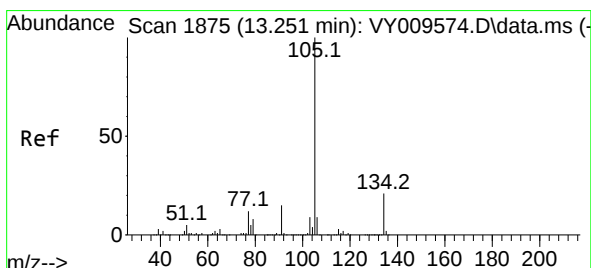
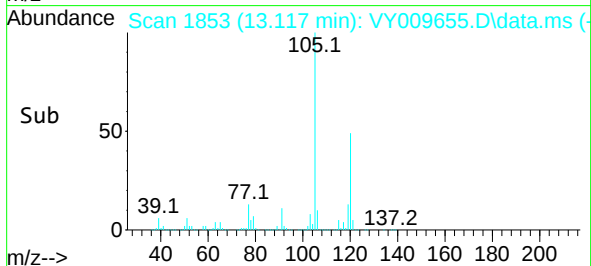
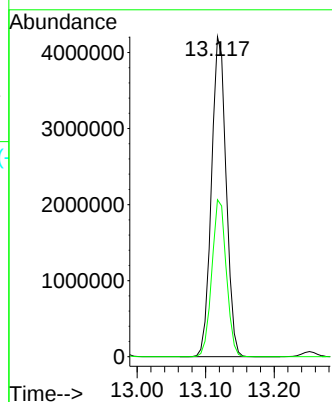
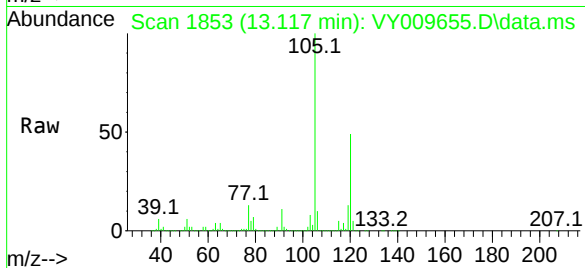
DL-2(5-5.5)

Tgt Ion:105 Resp: 6248870

Ion Ratio Lower Upper

105 100

120 48.5 22.3 66.9



#85

sec-Butylbenzene

Concen: 698.818 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.134 min

Lab File: VY009655.D

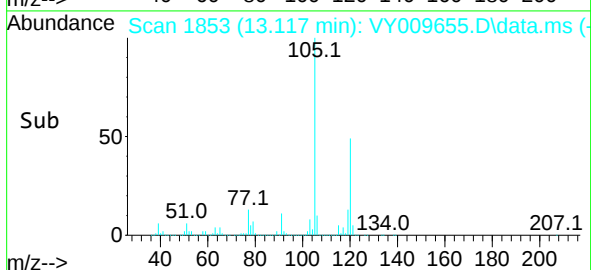
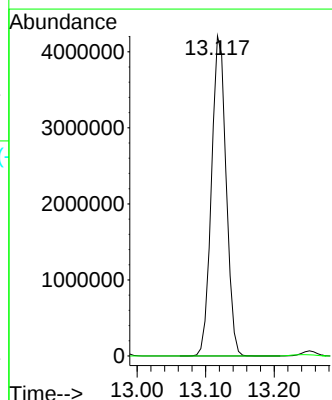
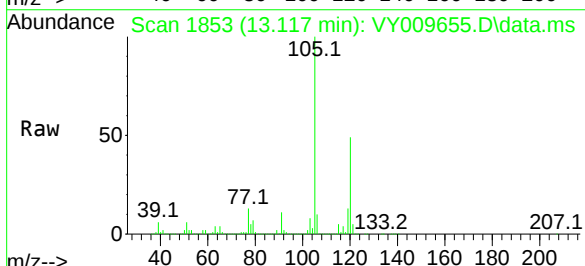
Acq: 22 Jul 2022 13:24

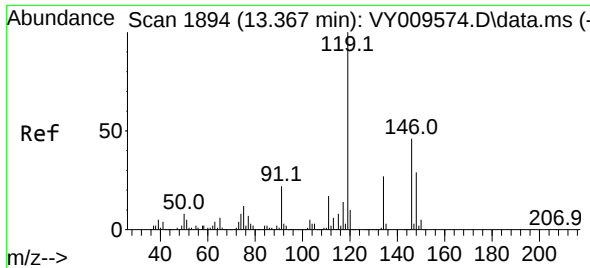
Tgt Ion:105 Resp: 6248870

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#

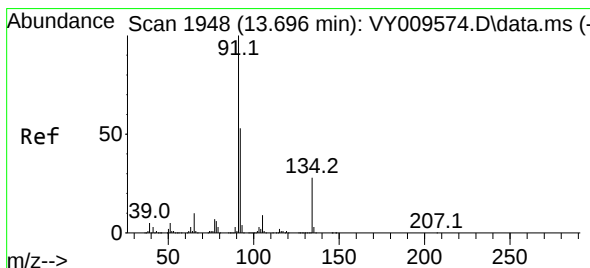
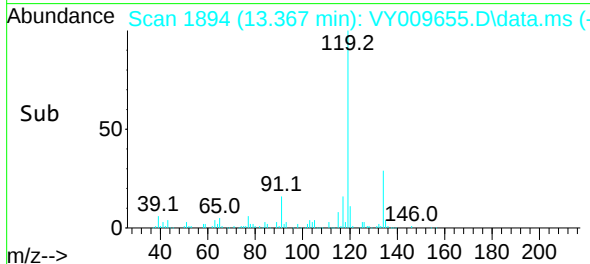
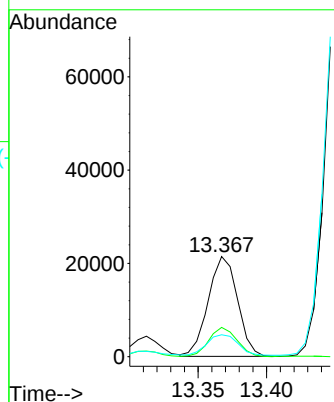
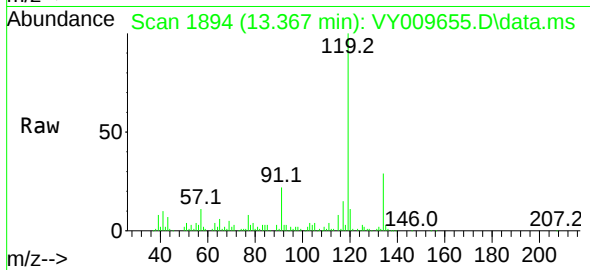




#86
p-Isopropyltoluene
Concen: 4.242 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

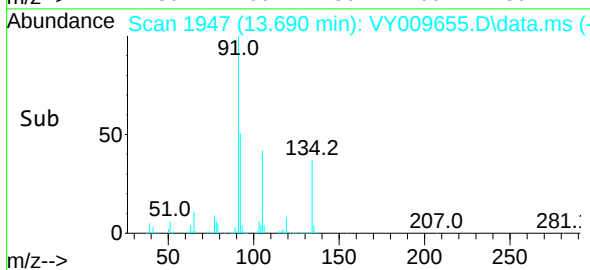
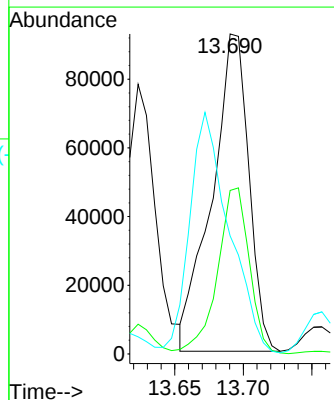
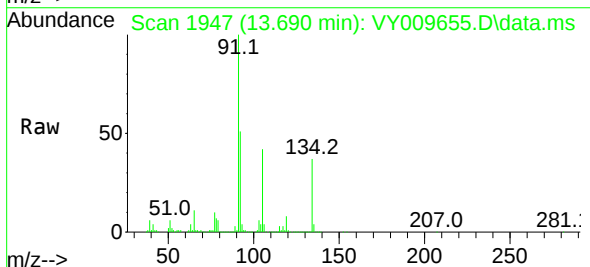
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

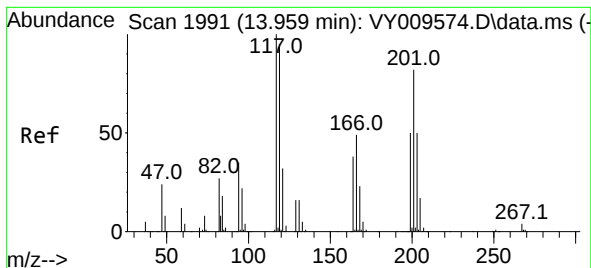
Tgt Ion:119 Resp: 31874
Ion Ratio Lower Upper
119 100
134 28.2 13.2 39.5
91 0.0 12.4 37.2#



#89
n-Butylbenzene
Concen: 25.221 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion: 91 Resp: 173096
Ion Ratio Lower Upper
91 100
92 45.1 26.3 78.9
134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 54.550 ug/l

RT: 13.971 min Scan# 1991

Delta R.T. 0.012 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

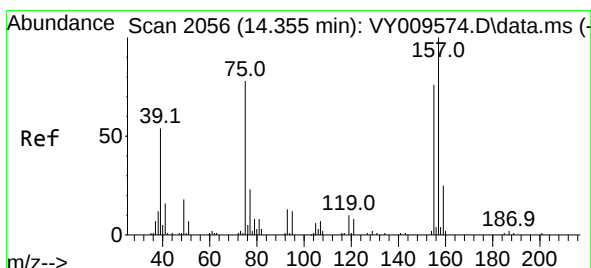
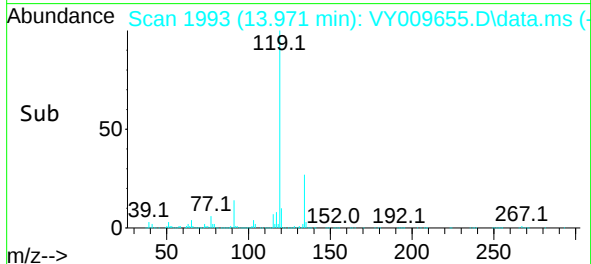
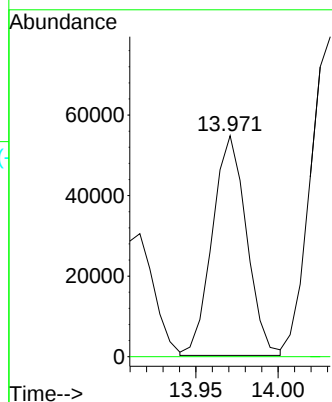
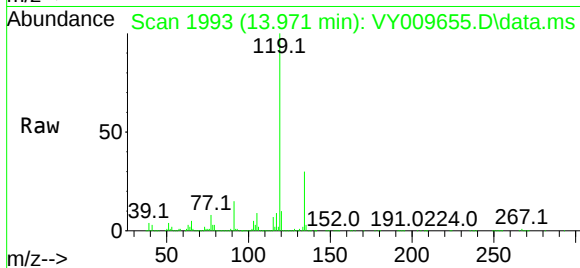
DL-2(5-5.5)

Tgt Ion:117 Resp: 78976

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.666 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.018 min

Lab File: VY009655.D

Acq: 22 Jul 2022 13:24

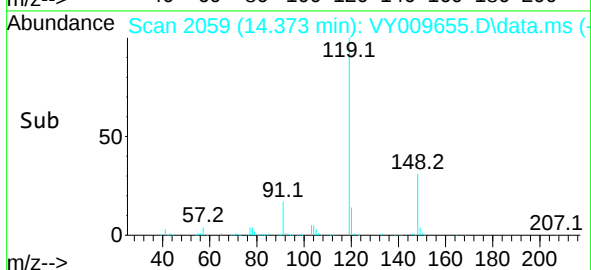
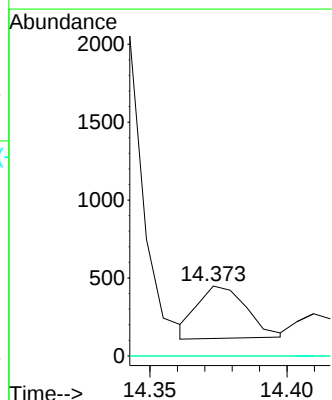
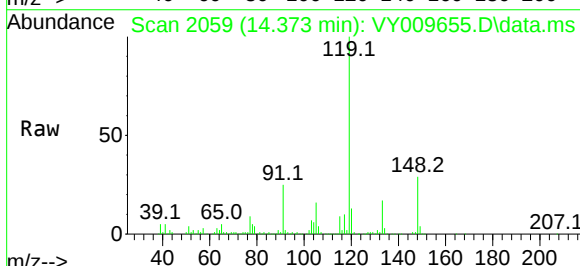
Tgt Ion: 75 Resp: 417

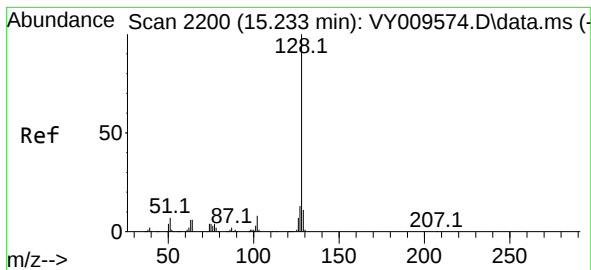
Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

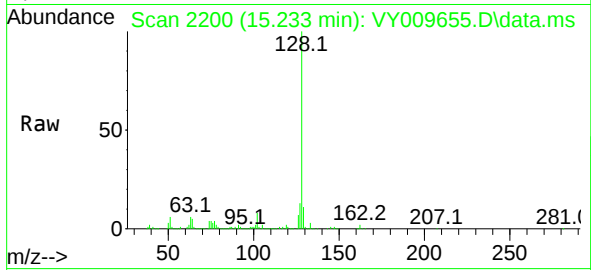
157 0.0 47.8 143.3#





#95
Naphthalene
Concen: 48.398 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



Tgt Ion:128 Resp: 207055
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.5 8.4 12.6

