

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009651.D
 Acq On : 22 Jul 2022 11:33
 Operator : KP/MD
 Sample : N3773-10
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(5-5.5)

Quant Time: Jul 23 00:52:39 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)

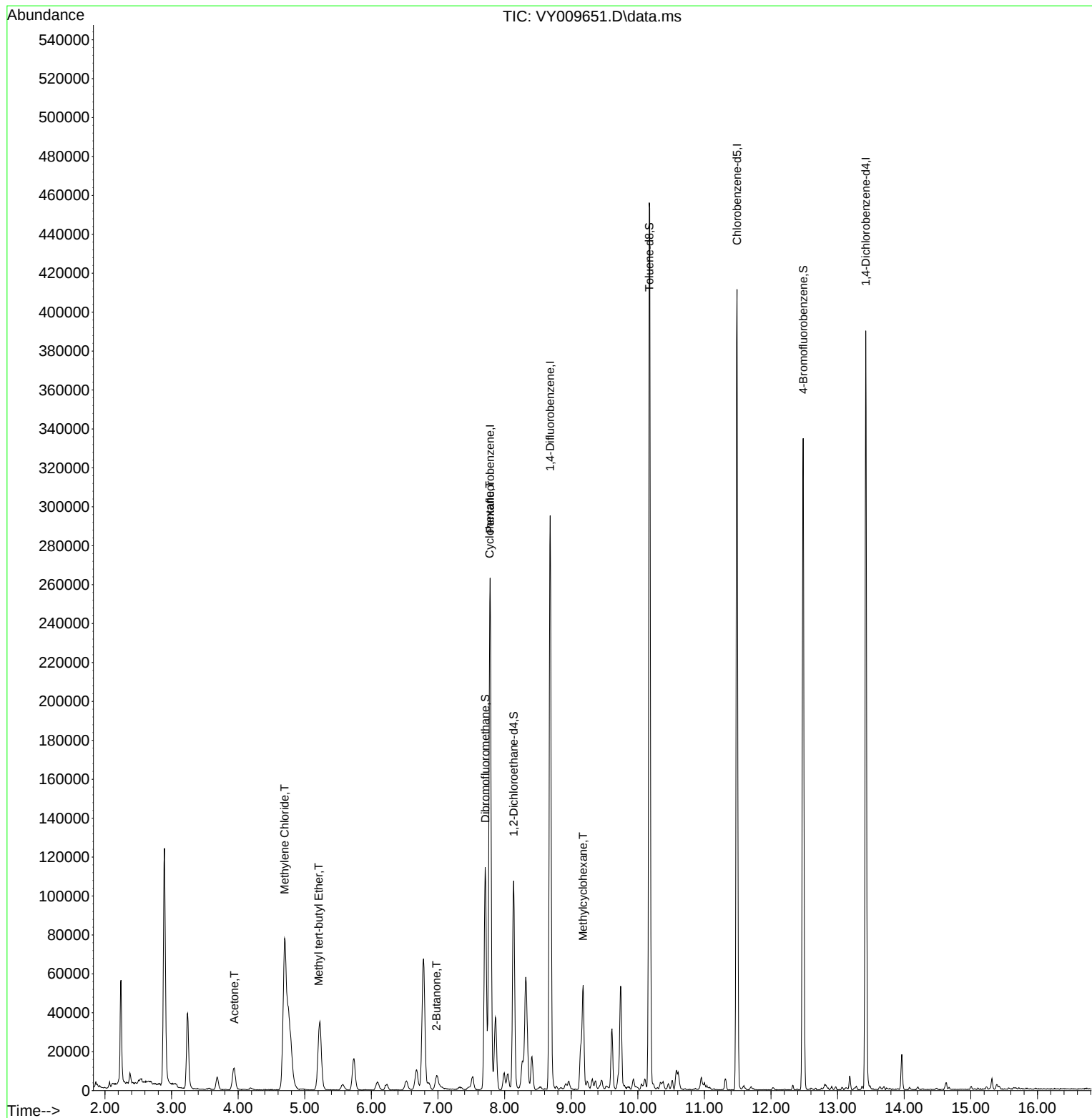
Internal Standards						
1) Pentafluorobenzene	7.783	168	172153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	260482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81527	50.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.140%	
35) Dibromofluoromethane	7.710	113	80249	48.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.800%	
50) Toluene-d8	10.173	98	301190	47.743	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	12.483	95	87177	42.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 85.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	16197	39.325	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	10648	2.552	ug/l #	1
20) Methylene Chloride	4.698	84	42684	13.444	ug/l #	81
25) 2-Butanone	6.978	43	6716	11.179	ug/l #	91
31) Cyclohexane	7.777	56	32389	11.282	ug/l #	83
39) Methylcyclohexane	9.179	83	22036	7.370	ug/l	89

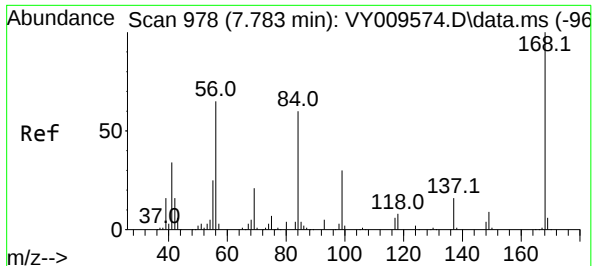
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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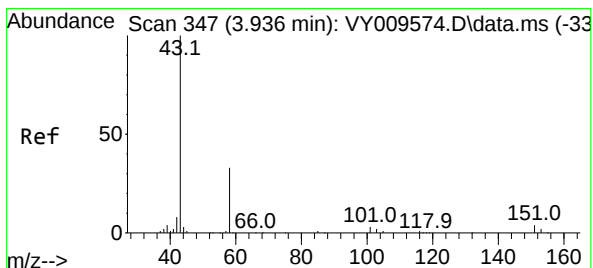
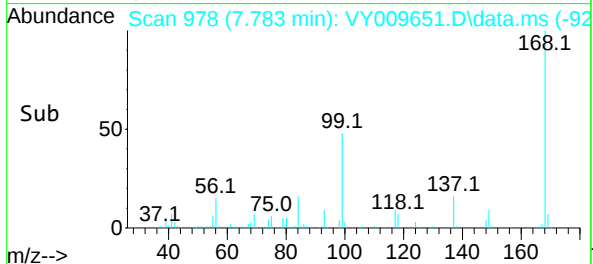
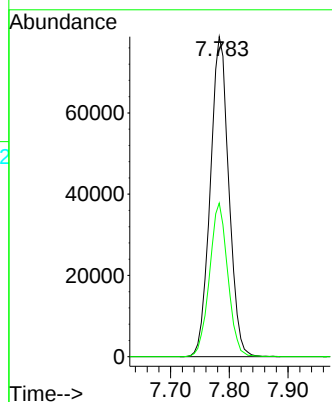
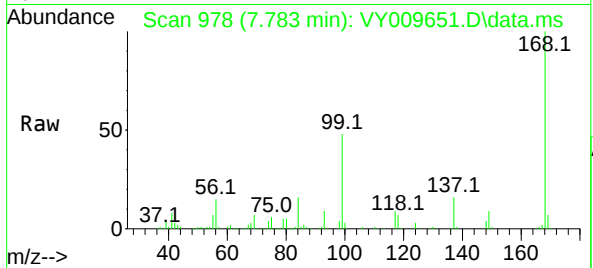




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

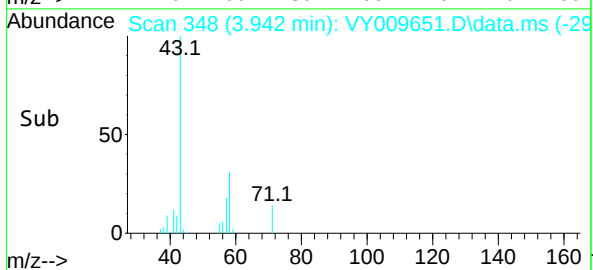
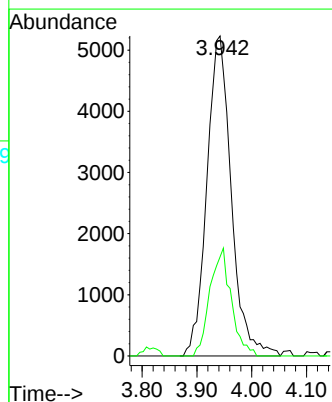
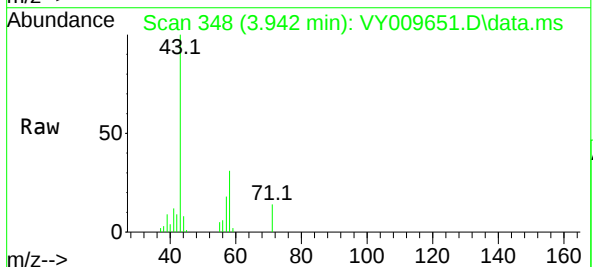
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

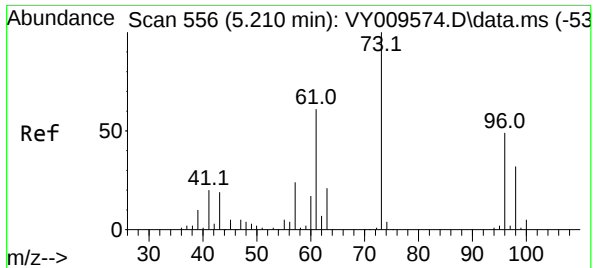
Tgt Ion:168 Resp: 172153
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#16
Acetone
Concen: 39.325 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

Tgt Ion: 43 Resp: 16197
Ion Ratio Lower Upper
43 100
58 31.0 22.0 33.0

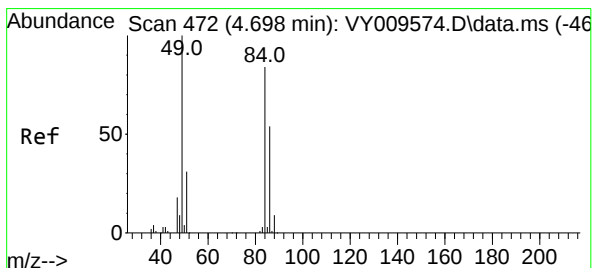
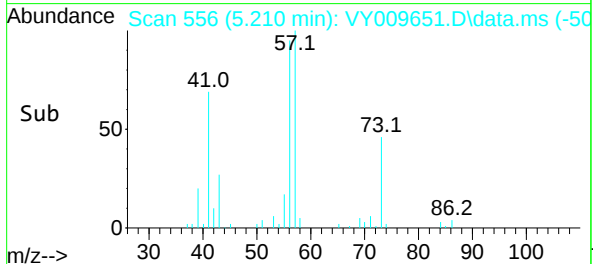
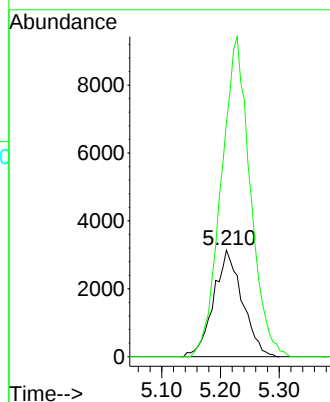
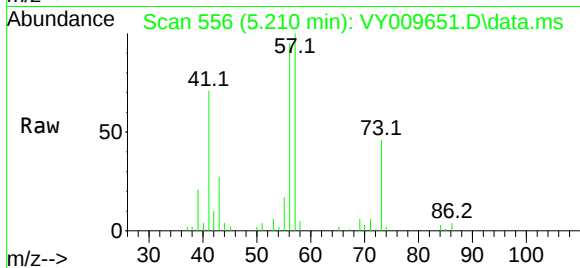




#19
Methyl tert-butyl Ether
Concen: 2.552 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

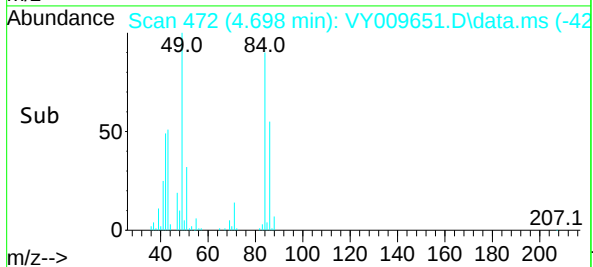
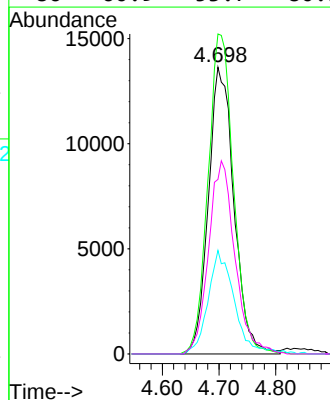
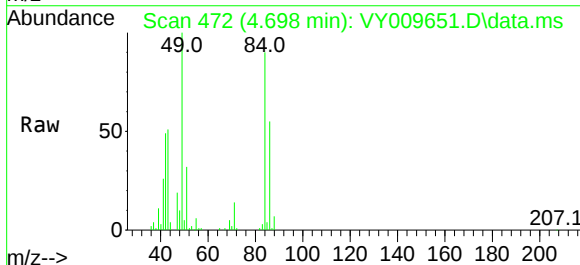
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

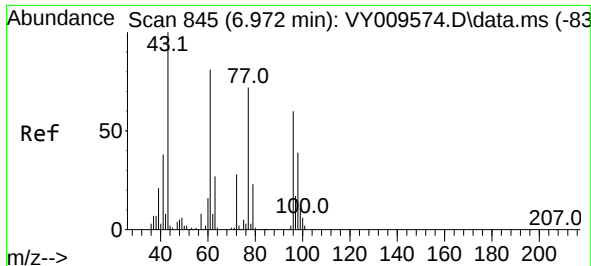
Tgt Ion: 73 Resp: 10648
Ion Ratio Lower Upper
73 100
57 219.8 18.6 27.8#



#20
Methylene Chloride
Concen: 13.444 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

Tgt Ion: 84 Resp: 42684
Ion Ratio Lower Upper
84 100
49 111.6 114.4 171.6#
51 36.1 35.3 52.9
86 60.9 53.7 80.5

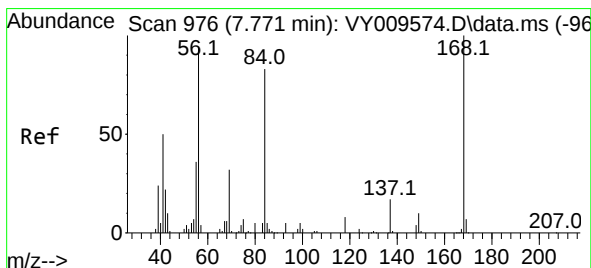
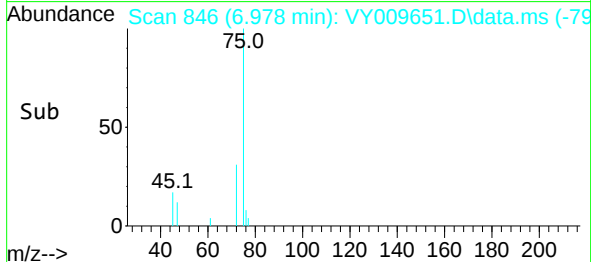
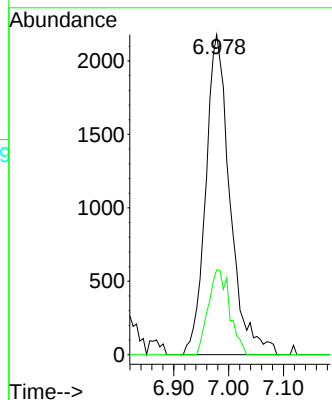
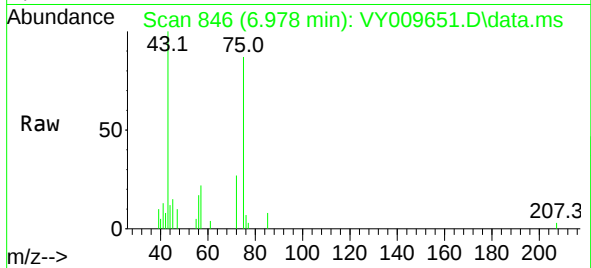




#25
2-Butanone
Concen: 11.179 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

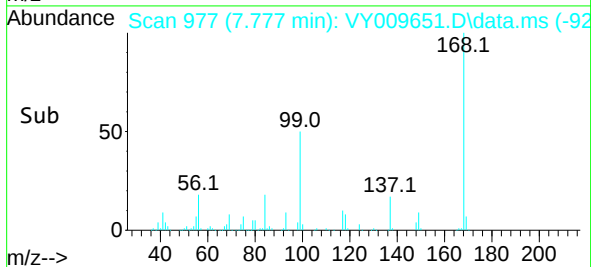
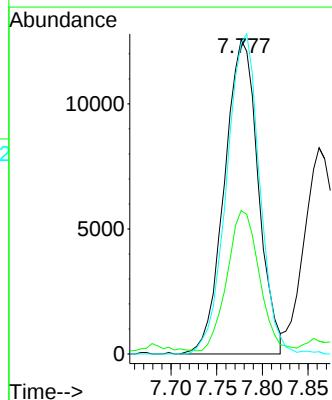
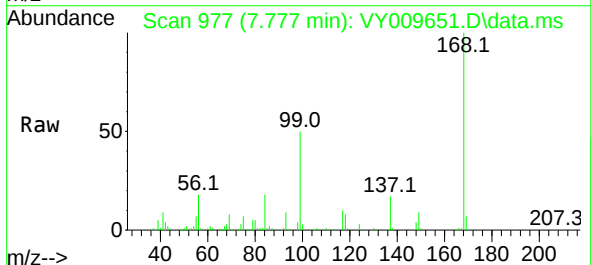
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

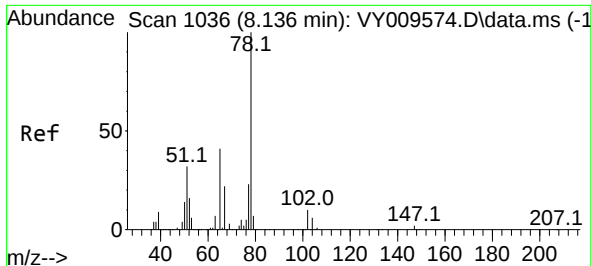
Tgt Ion: 43 Resp: 6716
Ion Ratio Lower Upper
43 100
72 26.6 17.7 26.5#



#31
Cyclohexane
Concen: 11.282 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

Tgt Ion: 56 Resp: 32389
Ion Ratio Lower Upper
56 100
69 44.0 26.7 40.1#
84 98.9 67.2 100.8

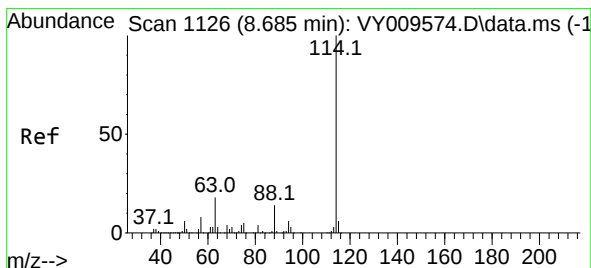
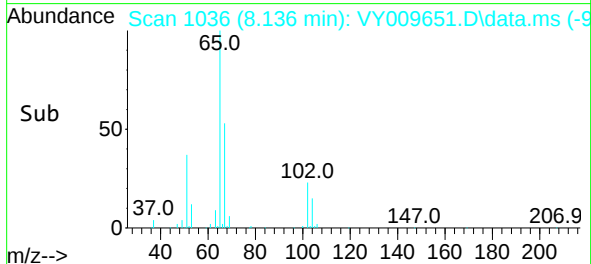
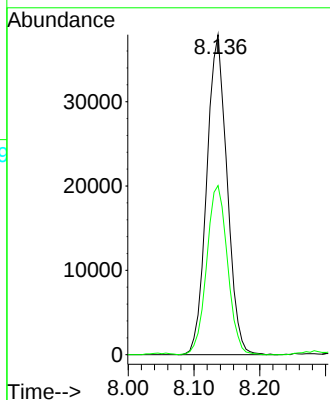
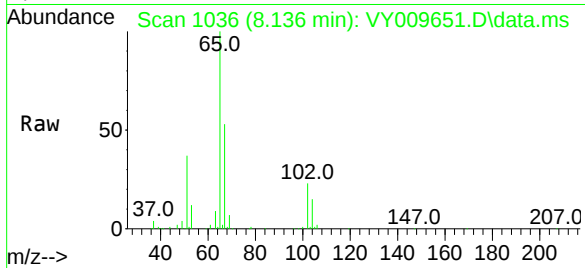




#33
 1,2-Dichloroethane-d4
 Concen: 50.073 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY009651.D
 Acq: 22 Jul 2022 11:33

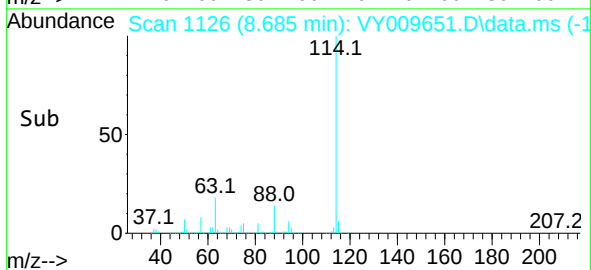
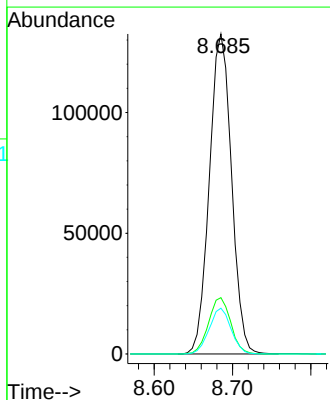
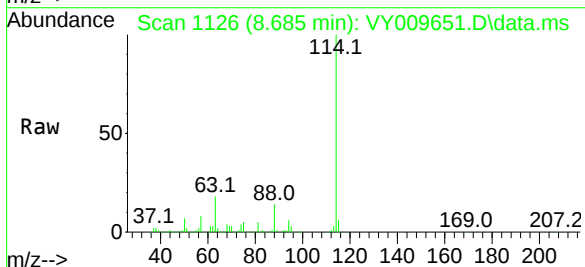
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(5-5.5)

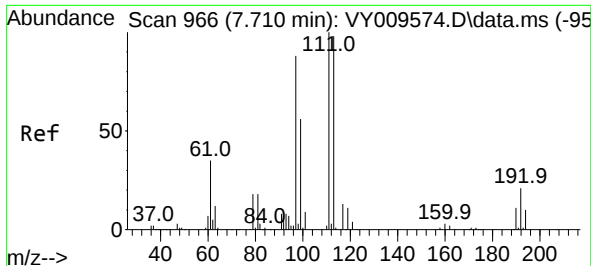
Tgt Ion: 65 Resp: 81527
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009651.D
 Acq: 22 Jul 2022 11:33

Tgt Ion: 114 Resp: 260482
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 43.2
 88 14.3 0.0 31.8

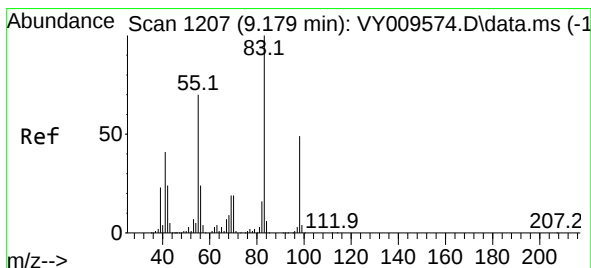
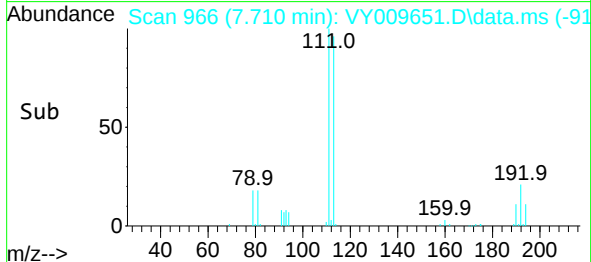
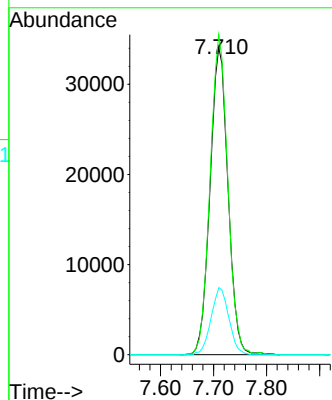
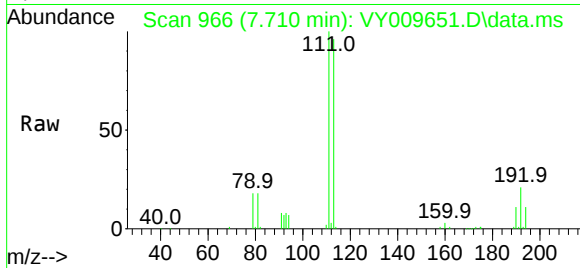




#35
Dibromofluoromethane
Concen: 48.902 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

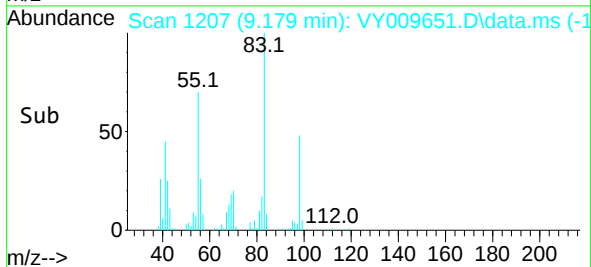
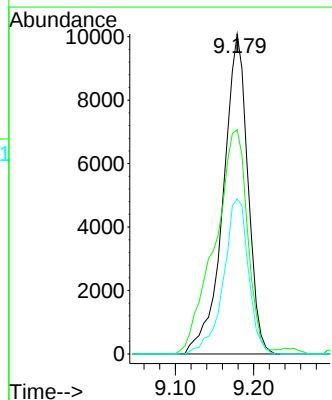
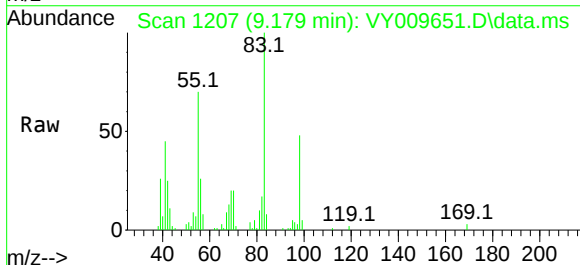
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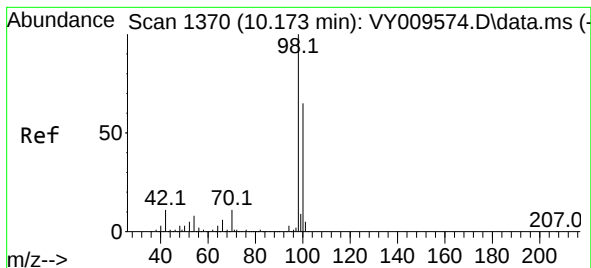
Tgt Ion:113 Resp: 80249
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 21.6 17.6 26.4



#39
Methylcyclohexane
Concen: 7.370 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

Tgt Ion: 83 Resp: 22036
Ion Ratio Lower Upper
83 100
55 69.0 66.5 99.7
98 48.5 37.9 56.9

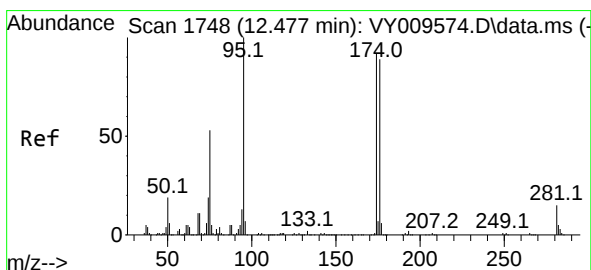
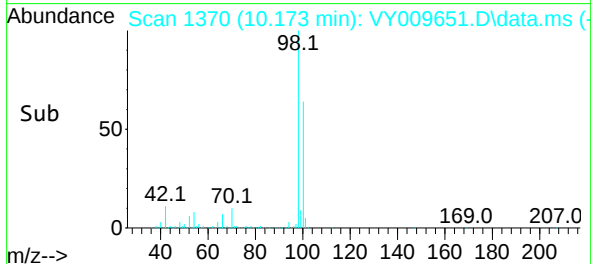
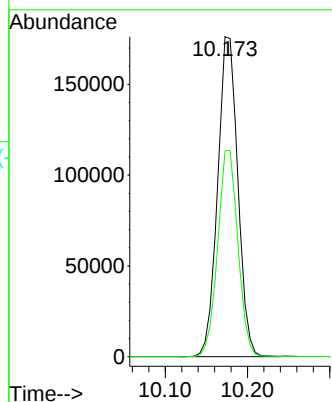
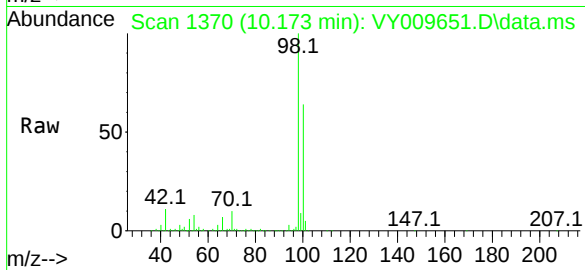




#50
Toluene-d8
Concen: 47.743 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

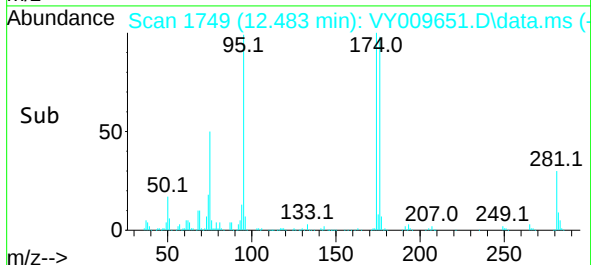
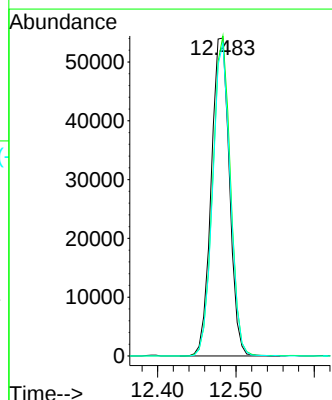
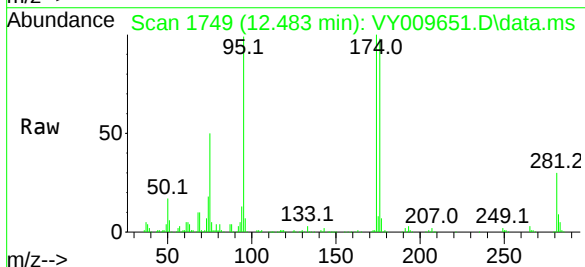
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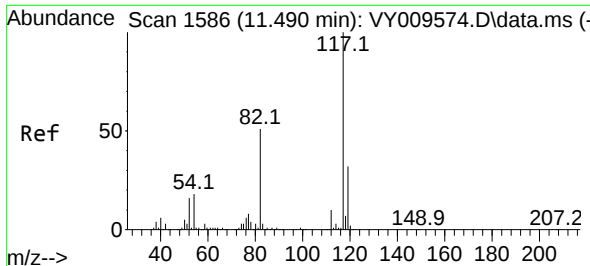
Tgt Ion: 98 Resp: 301190
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.647 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

Tgt Ion: 95 Resp: 87177
Ion Ratio Lower Upper
95 100
174 98.0 0.0 177.0
176 94.8 0.0 175.8

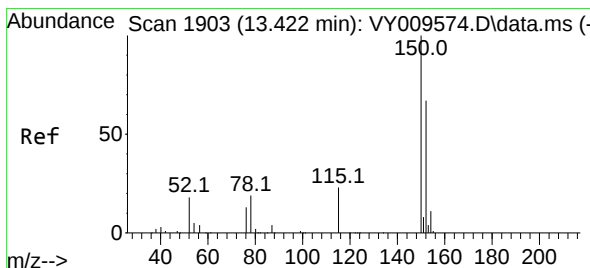
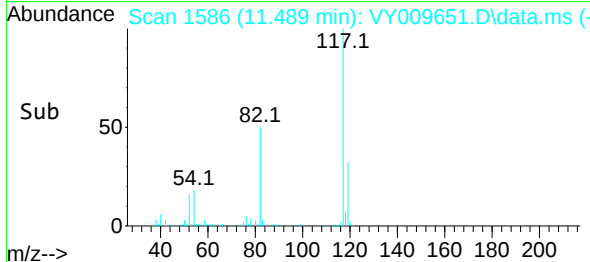
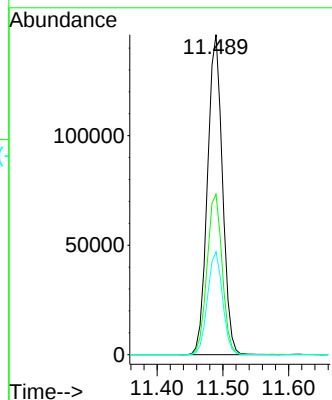
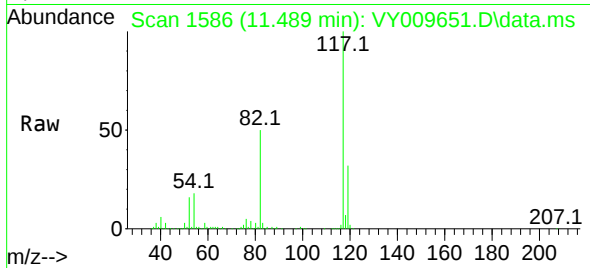




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

Tgt Ion:117 Resp: 231500
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009651.D
Acq: 22 Jul 2022 11:33

Tgt Ion:152 Resp: 103070
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 156.7 0.0 347.6

