

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009679.D
 Acq On : 25 Jul 2022 12:16
 Operator : KP/MD
 Sample : N3773-12
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(14.5-15)

Quant Time: Jul 26 05:55:52 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)

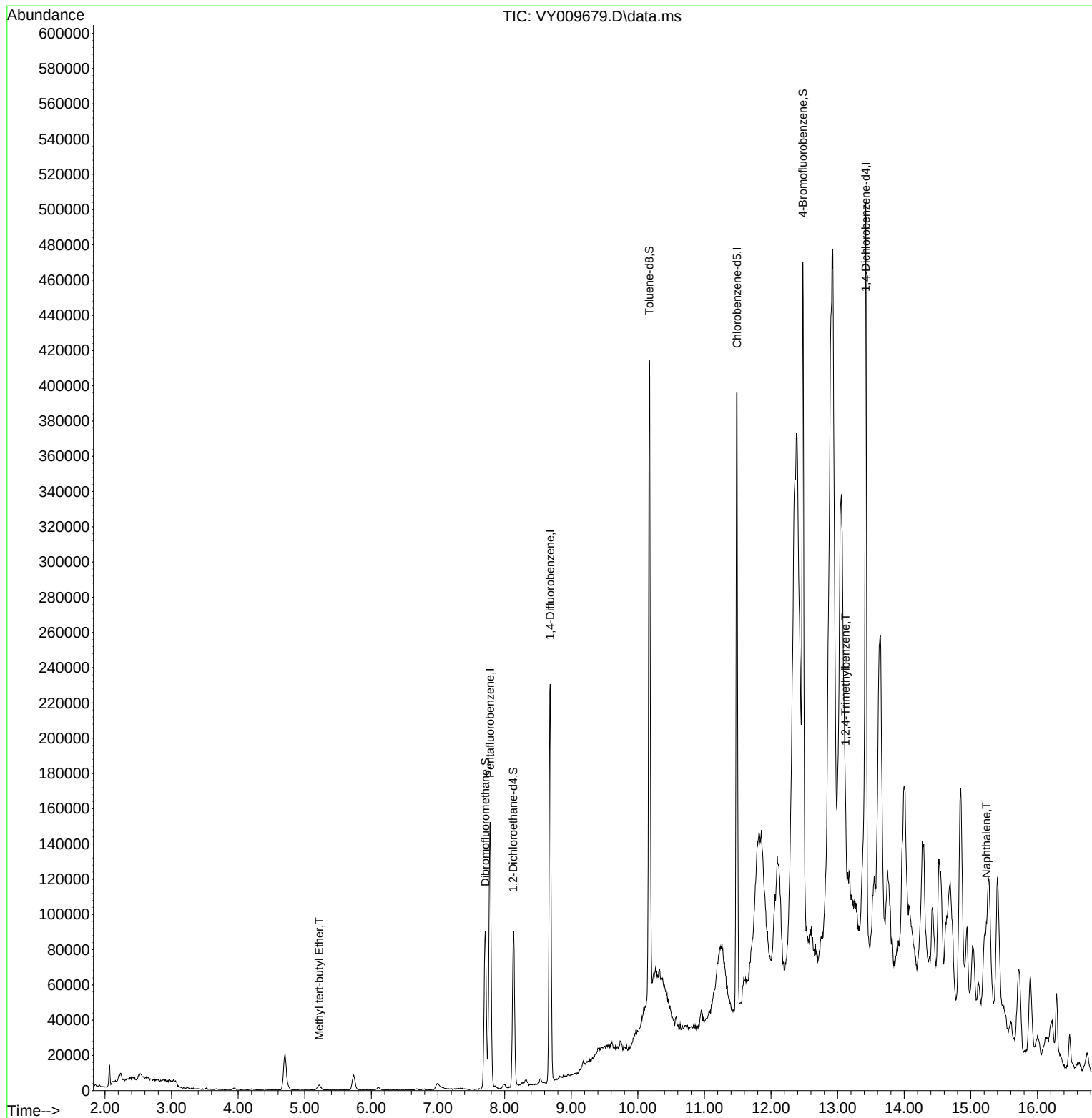
Internal Standards						
1) Pentafluorobenzene	7.783	168	124665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68966	58.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.980%
35) Dibromofluoromethane	7.710	113	63751	49.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.173	98	246416	49.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.477	95	90267	55.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	111.940%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	5.216	73	3563	1.179	ug/l	# 76
84) 1,2,4-Trimethylbenzene	13.117	105	10445	1.748	ug/l	87
95) Naphthalene	15.233	128	23638	6.278	ug/l	98

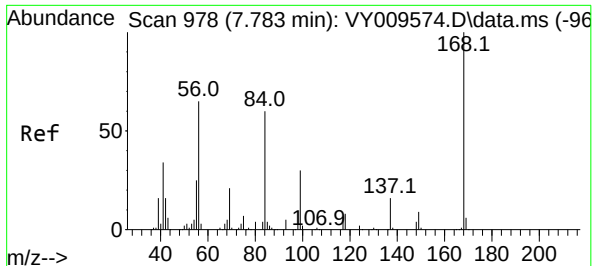
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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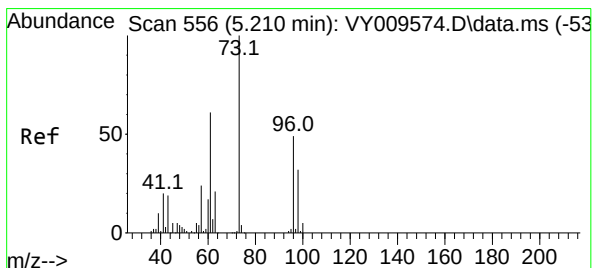
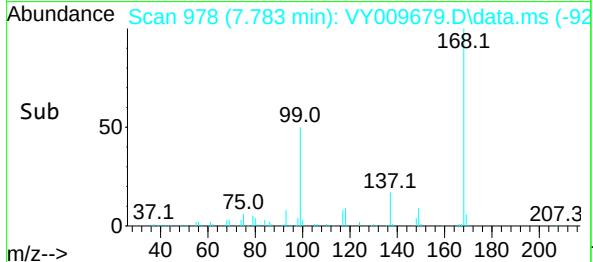
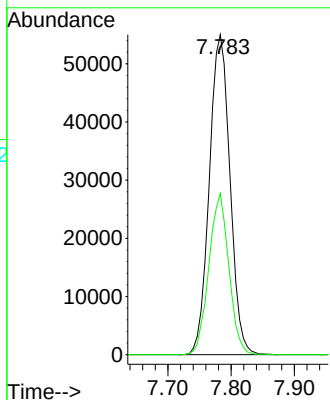
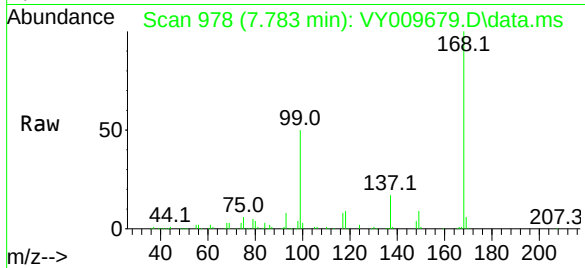




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009679.D
Acq: 25 Jul 2022 12:16

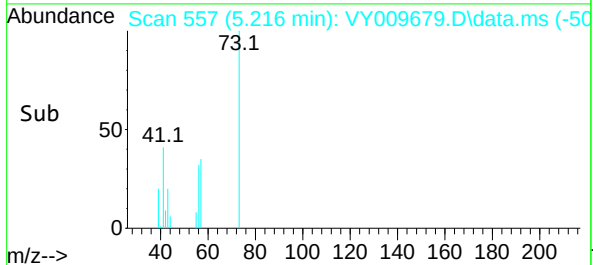
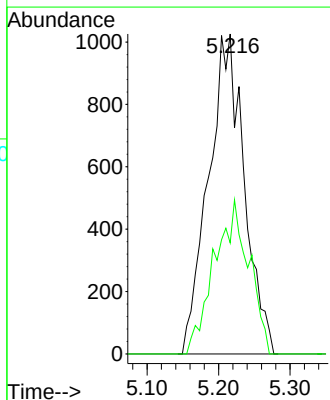
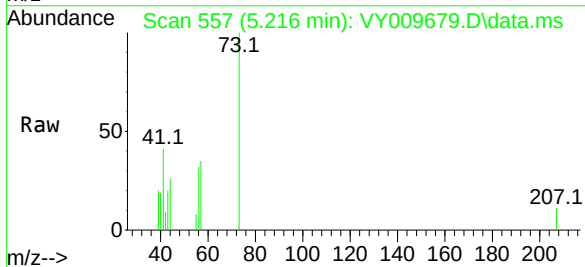
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(14.5-15)

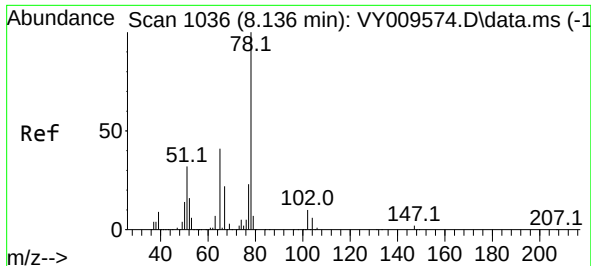
Tgt Ion:168 Resp: 124665
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#19
Methyl tert-butyl Ether
Concen: 1.179 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.006 min
Lab File: VY009679.D
Acq: 25 Jul 2022 12:16

Tgt Ion: 73 Resp: 3563
Ion Ratio Lower Upper
73 100
57 34.7 18.6 27.8#

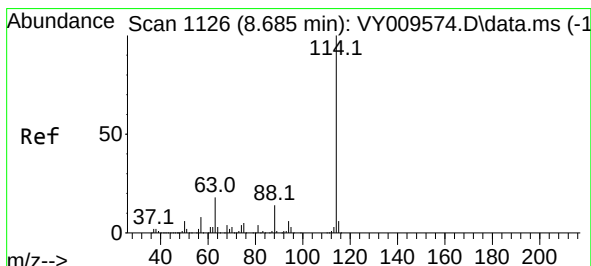
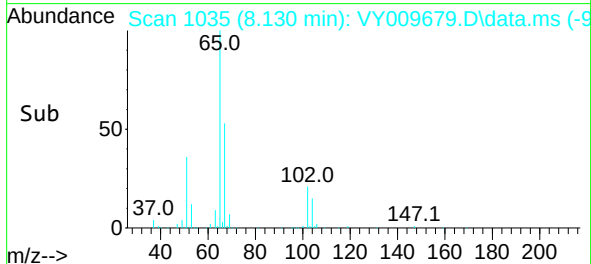
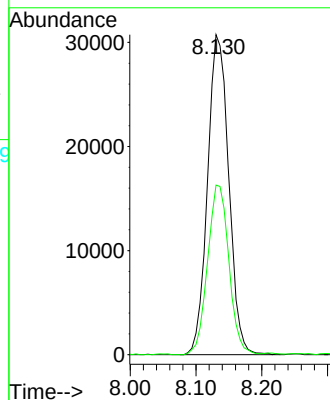
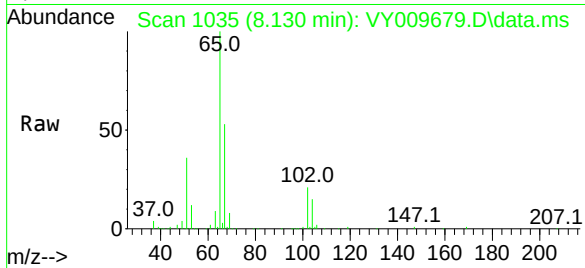




#33
 1,2-Dichloroethane-d4
 Concen: 58.494 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.006 min
 Lab File: VY009679.D
 Acq: 25 Jul 2022 12:16

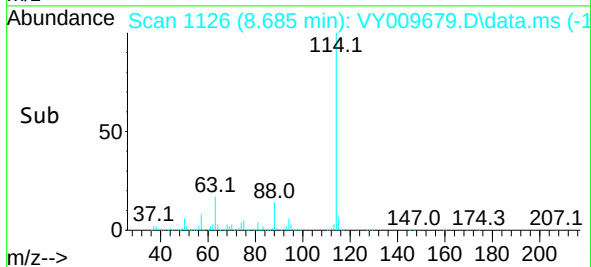
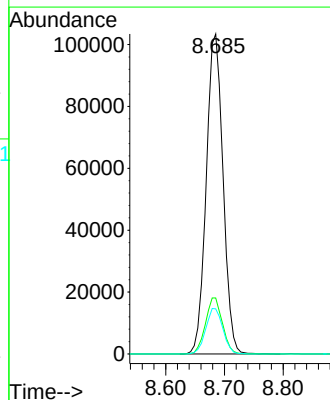
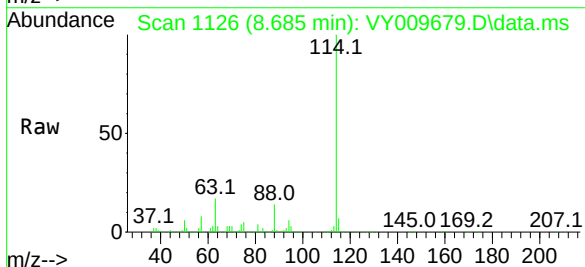
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(14.5-15)

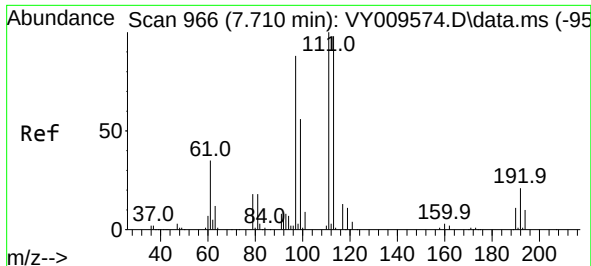
Tgt Ion: 65 Resp: 68966
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009679.D
 Acq: 25 Jul 2022 12:16

Tgt Ion: 114 Resp: 205511
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 43.2
 88 14.1 0.0 31.8

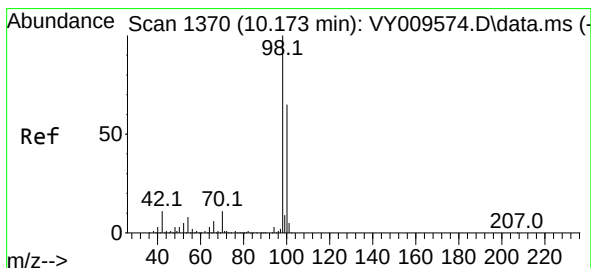
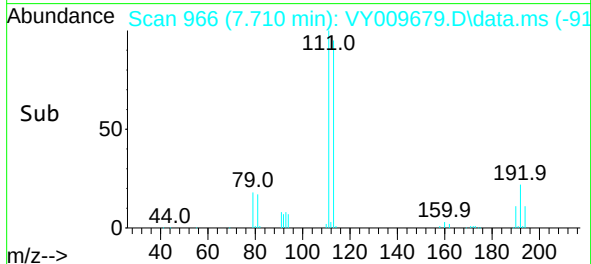
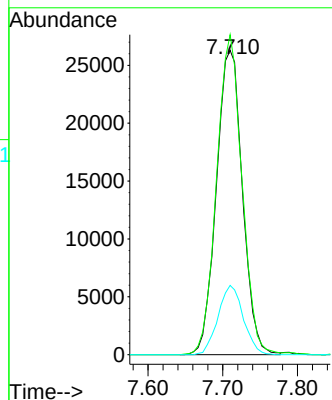
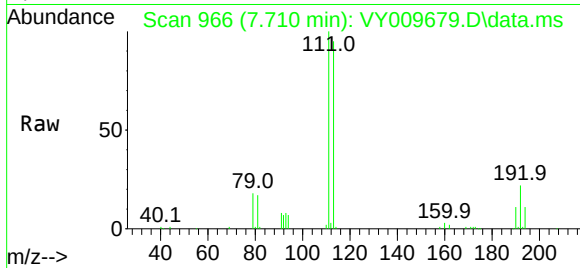




#35
Dibromofluoromethane
Concen: 49.240 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009679.D
Acq: 25 Jul 2022 12:16

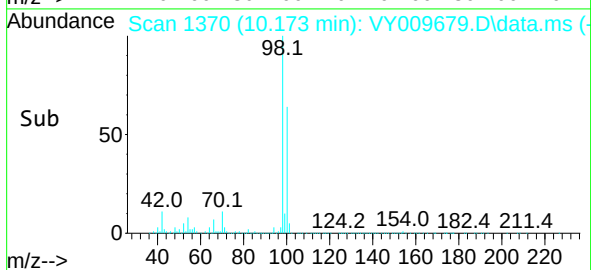
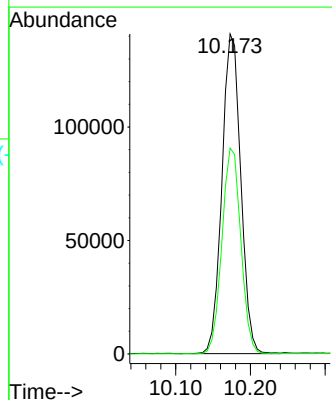
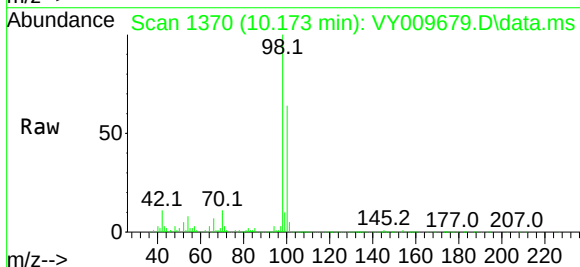
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(14.5-15)

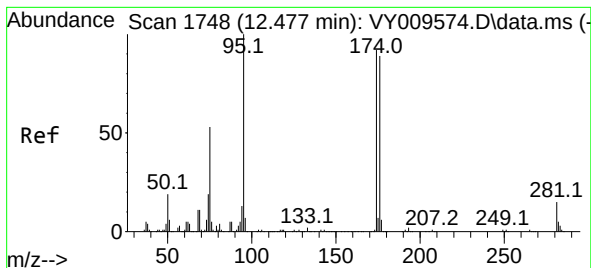
Tgt Ion:113 Resp: 63751
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 22.0 17.6 26.4



#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009679.D
Acq: 25 Jul 2022 12:16

Tgt Ion: 98 Resp: 246416
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

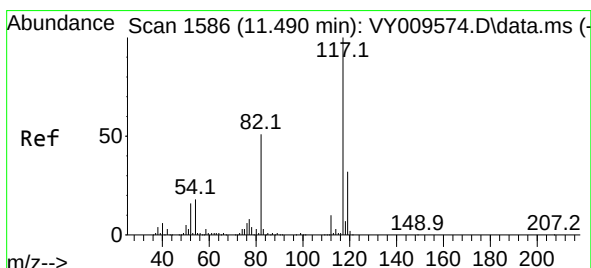
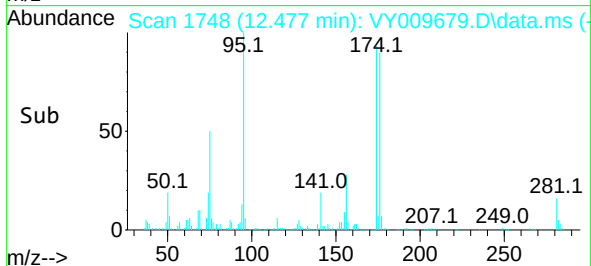
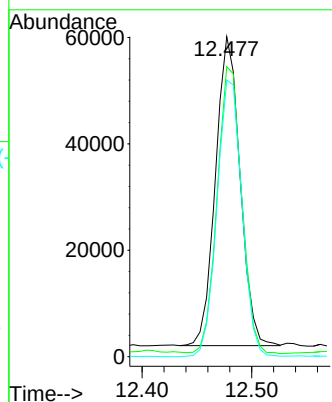
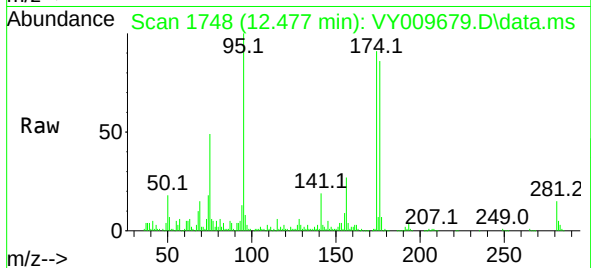




#62
4-Bromofluorobenzene
Concen: 55.970 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009679.D
Acq: 25 Jul 2022 12:16

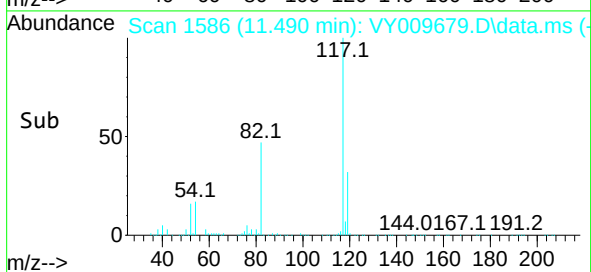
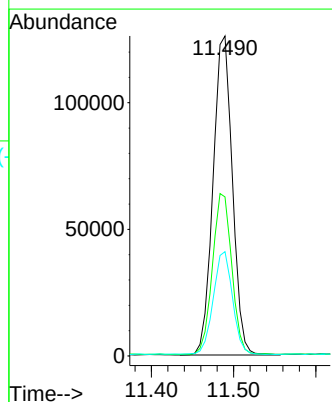
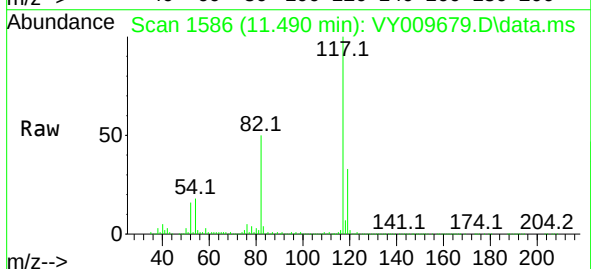
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DL-1(14.5-15)

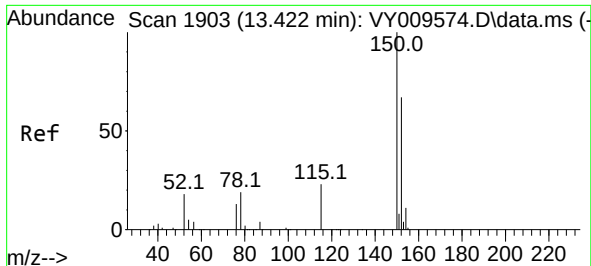
Tgt Ion: 95 Resp: 90267
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 91.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009679.D
Acq: 25 Jul 2022 12:16

Tgt Ion: 117 Resp: 206087
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.2 25.4 38.0

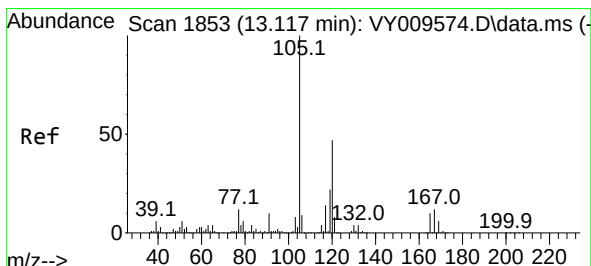
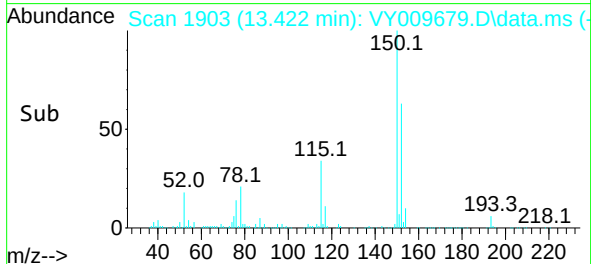
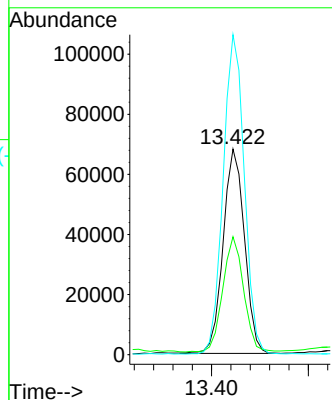
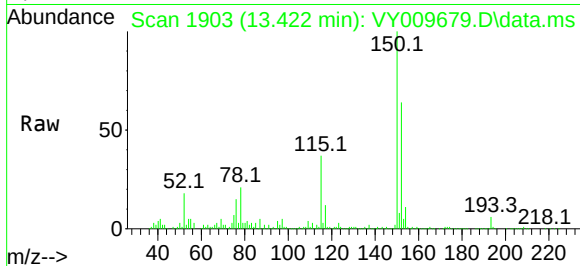




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009679.D
 Acq: 25 Jul 2022 12:16

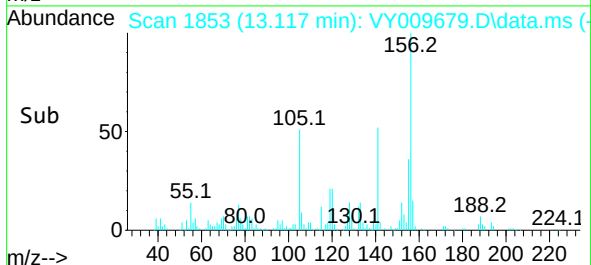
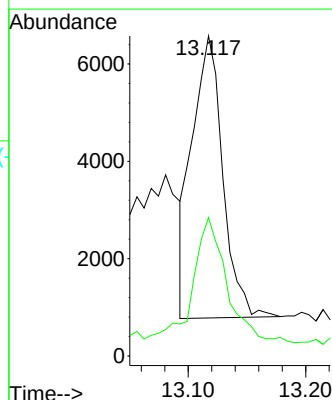
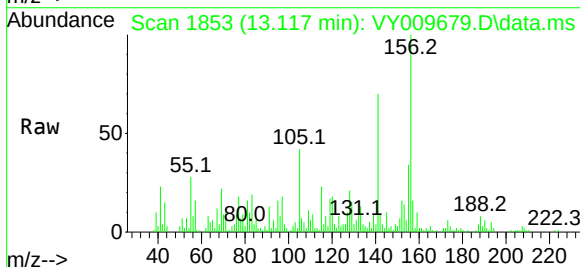
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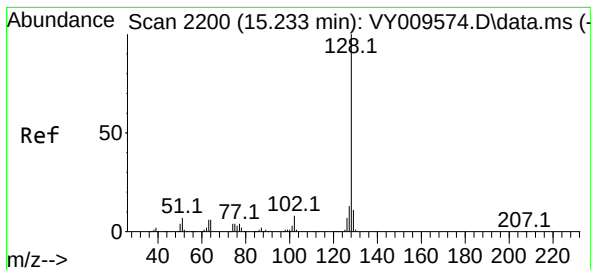
Tgt Ion:152 Resp: 104437
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 154.2 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.748 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY009679.D
 Acq: 25 Jul 2022 12:16

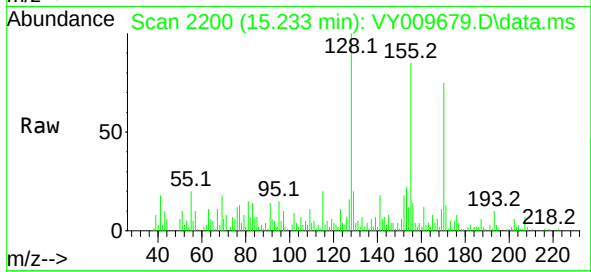
Tgt Ion:105 Resp: 10445
 Ion Ratio Lower Upper
 105 100
 120 53.0 22.3 66.9





#95
Naphthalene
Concen: 6.278 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009679.D
Acq: 25 Jul 2022 12:16

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(14.5-15)



Tgt Ion:	128	Resp:	23638
Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.0	16.4
129	9.6	8.4	12.6

