

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010532.D
 Acq On : 16 Sep 2022 13:42
 Operator : KP/MD
 Sample : N4612-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-091322RE

Quant Time: Sep 16 14:21:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

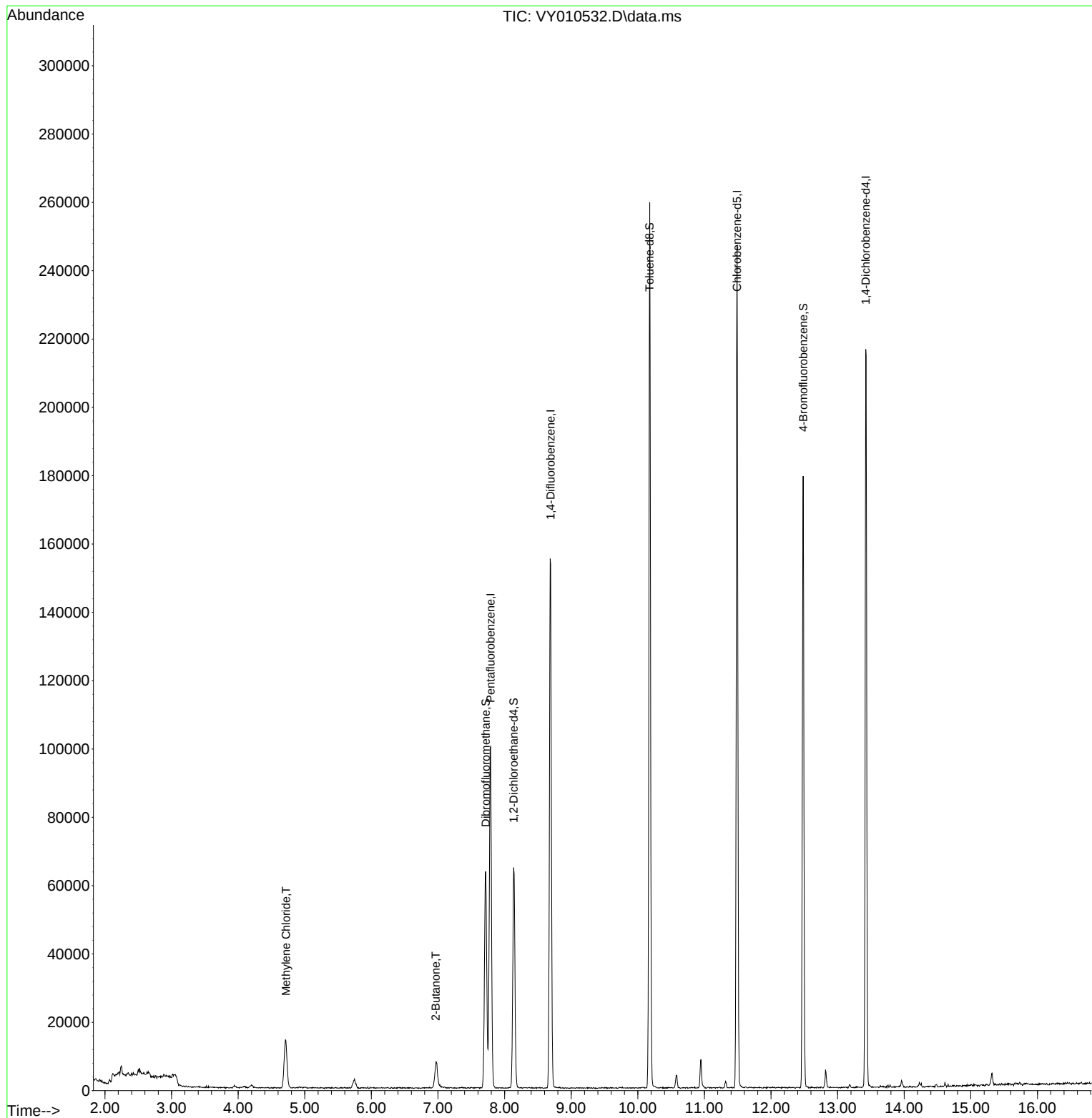
Internal Standards						
1) Pentafluorobenzene	7.789	168	79085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50692	63.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.280%
35) Dibromofluoromethane	7.716	113	45757	46.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.500%
50) Toluene-d8	10.179	98	165471	52.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.340%
62) 4-Bromofluorobenzene	12.483	95	54774	42.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.320%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	11346	6.896	ug/l #	80
25) 2-Butanone	6.966	43	505	1.738	ug/l #	54

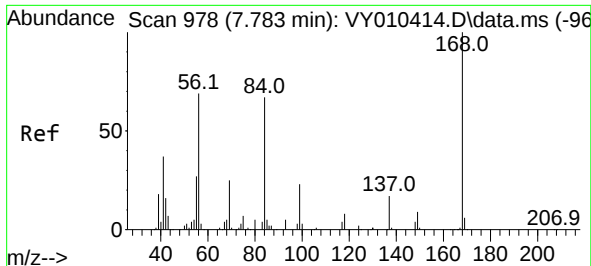
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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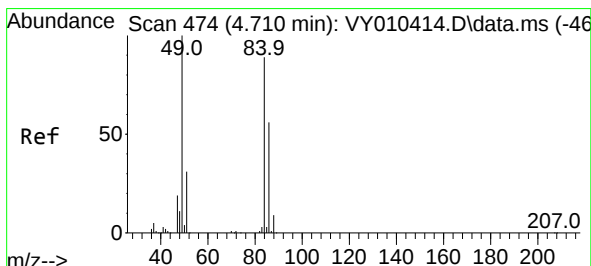
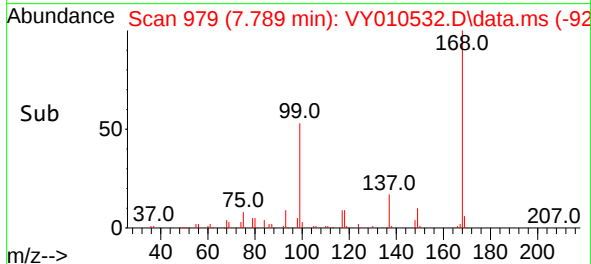
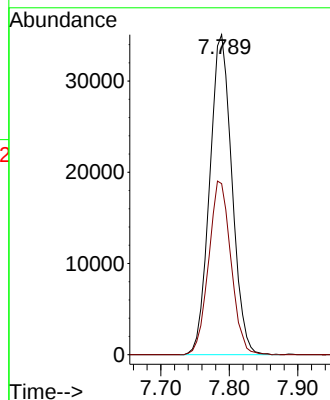
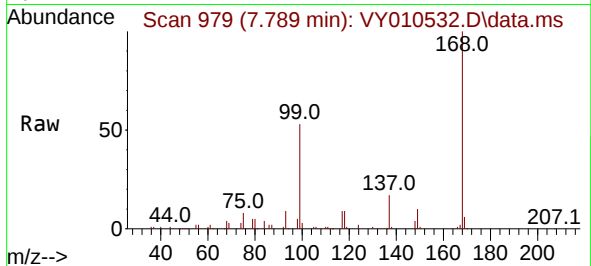




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

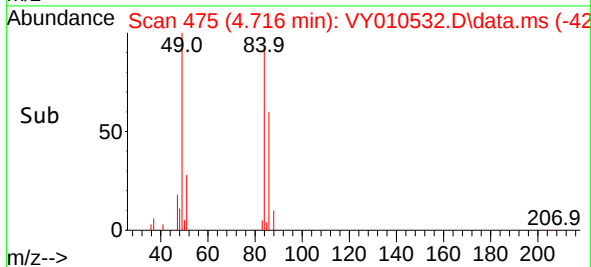
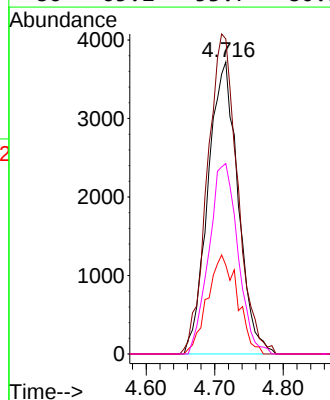
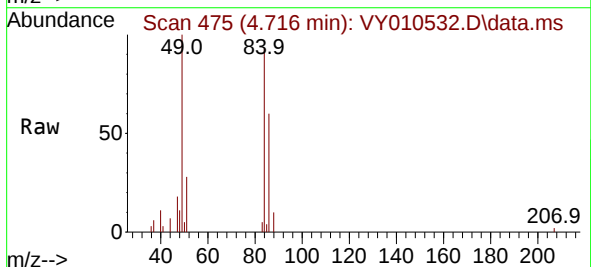
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-091322RE

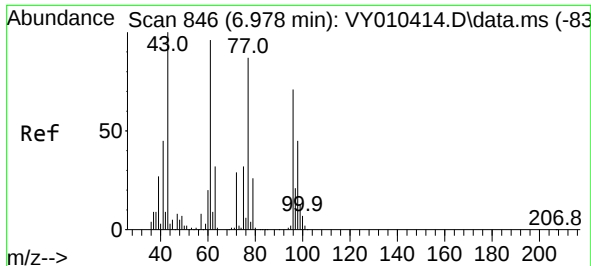
Tgt Ion:168 Resp: 79085
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#20
Methylene Chloride
Concen: 6.896 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

Tgt Ion: 84 Resp: 11346
Ion Ratio Lower Upper
84 100
49 107.8 114.4 171.6#
51 30.4 35.3 52.9#
86 65.2 53.7 80.5

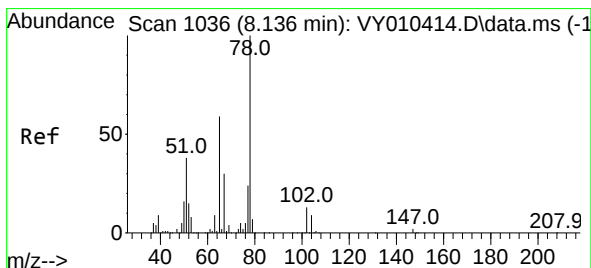
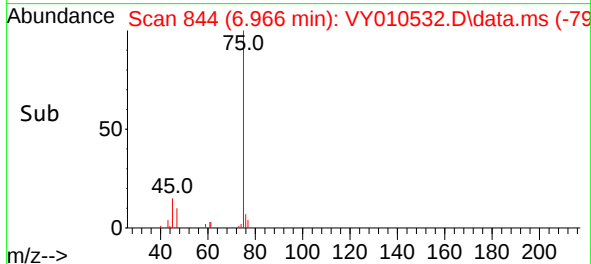
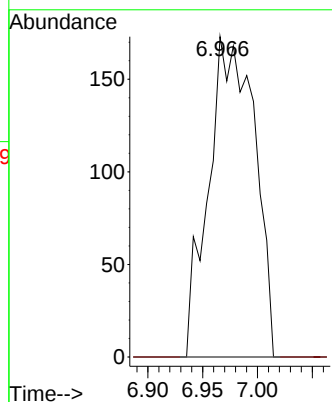
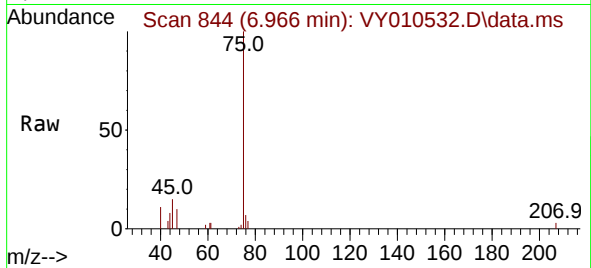




#25
2-Butanone
Concen: 1.738 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

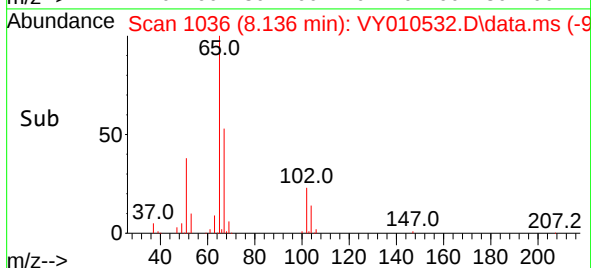
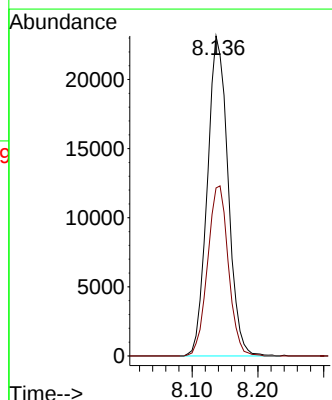
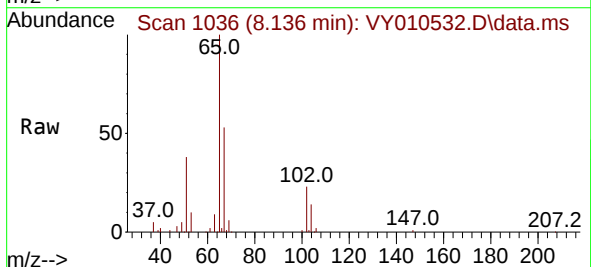
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-091322RE

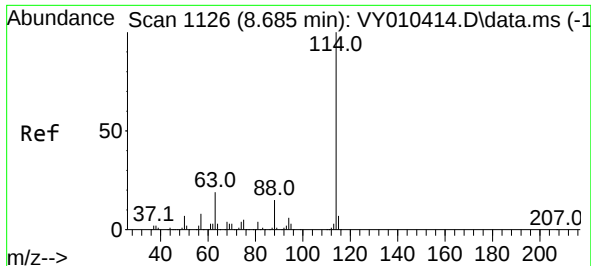
Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 63.642 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

Tgt Ion: 65 Resp: 50692
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

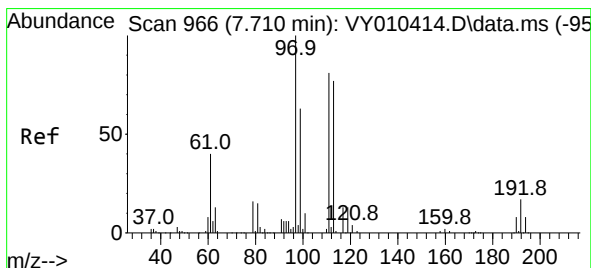
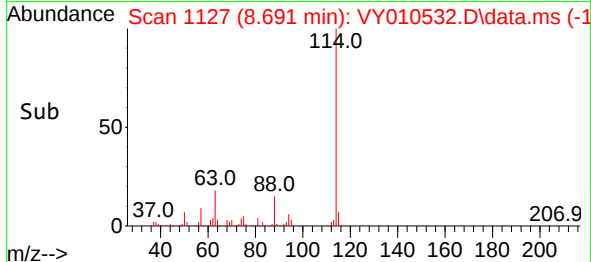
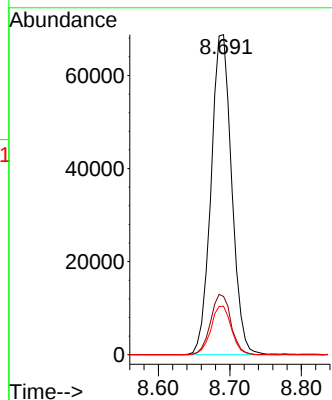
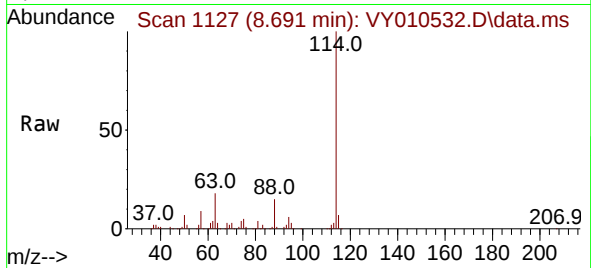




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

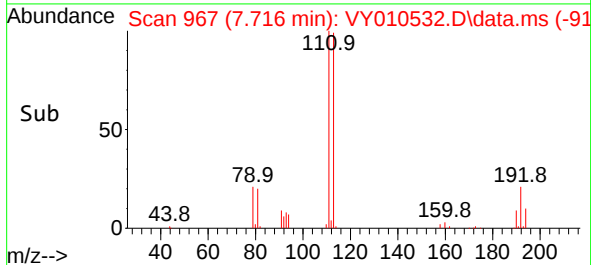
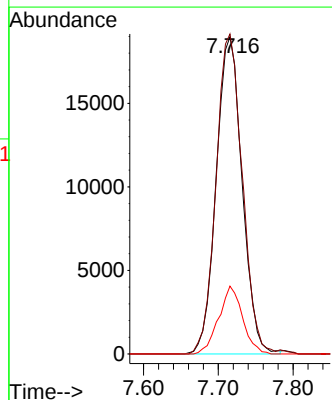
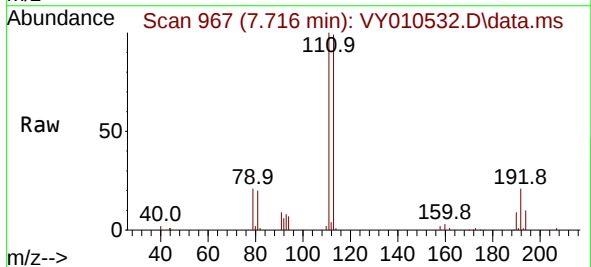
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-091322RE

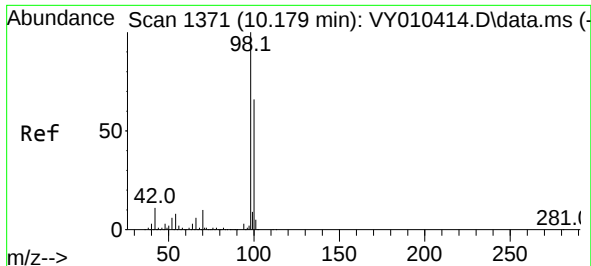
Tgt Ion:114 Resp: 137805
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.753 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

Tgt Ion:113 Resp: 45757
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.7 17.6 26.4

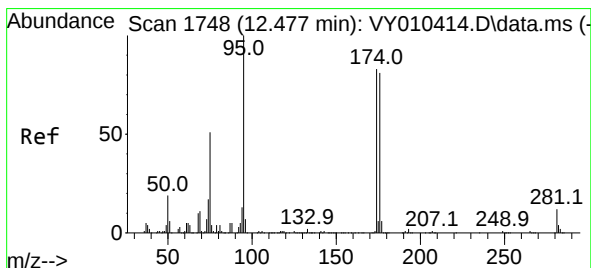
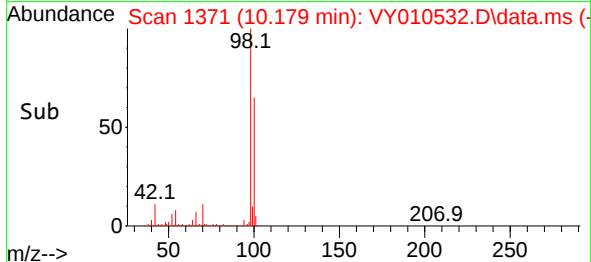
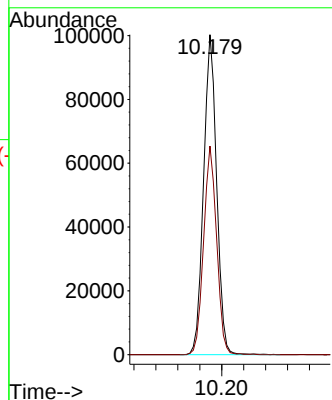
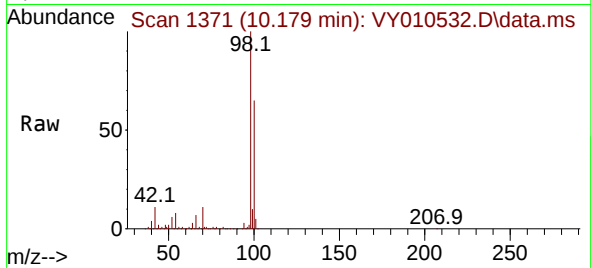




#50
Toluene-d8
Concen: 52.168 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

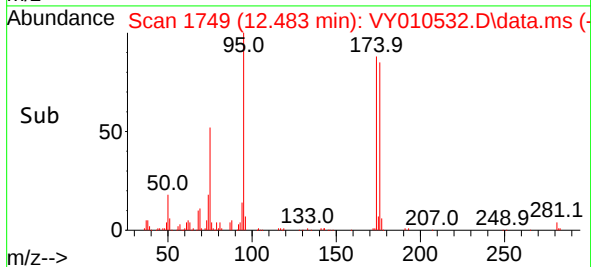
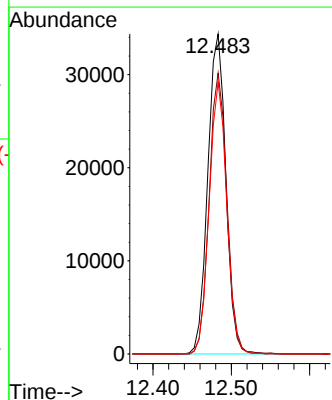
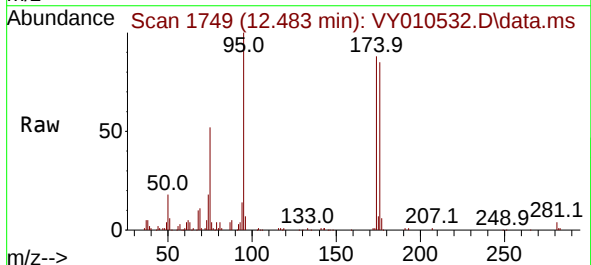
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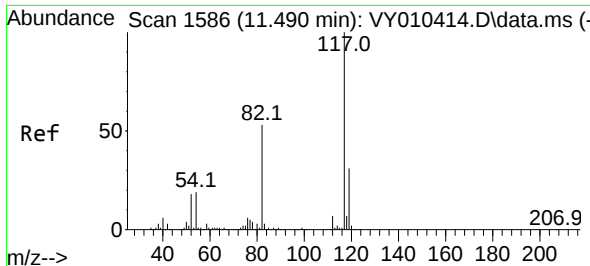
Tgt Ion: 98 Resp: 165471
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.662 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

Tgt Ion: 95 Resp: 54774
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 82.6 0.0 175.8

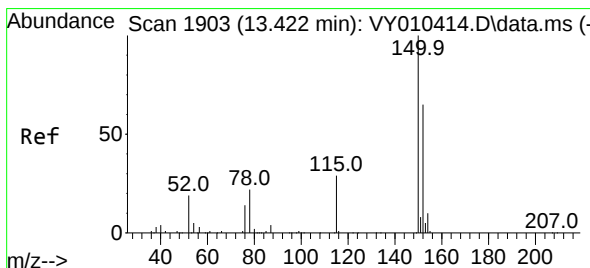
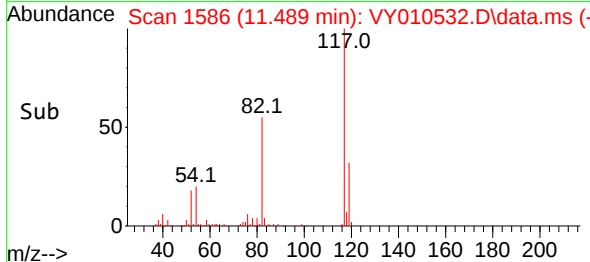
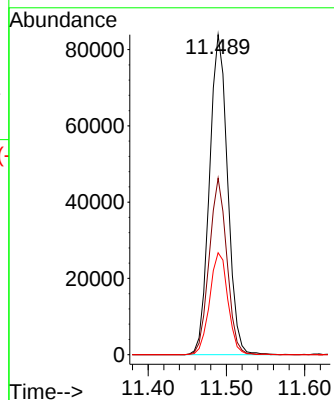
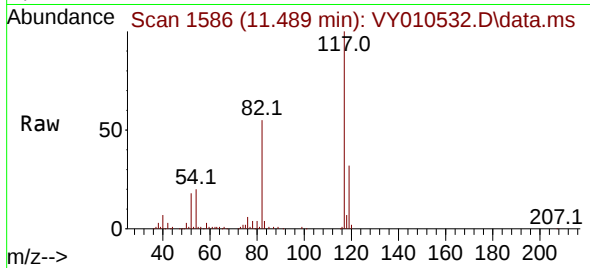




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010532.D
Acq: 16 Sep 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-091322RE

Tgt Ion:117 Resp: 134808
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.8 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: VY010532.D
Acq: 16 Sep 2022 13:42

Tgt Ion:152 Resp: 58107
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.0 0.0 347.6

