

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010701.D
 Acq On : 27 Sep 2022 16:23
 Operator : KP/MD
 Sample : N4808-02
 Misc : 6.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22022-17.5-18

Quant Time: Sep 28 01:26:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

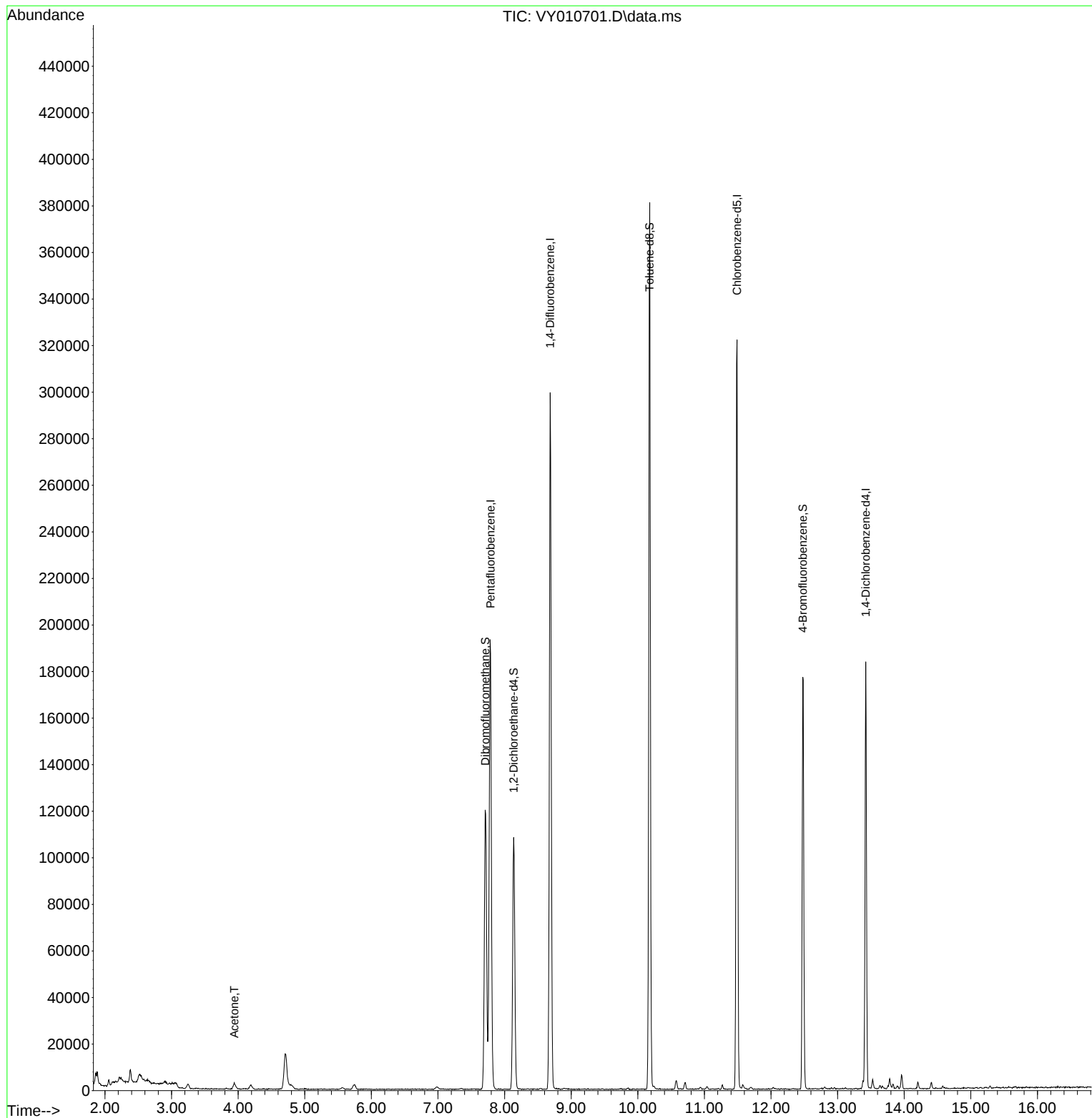
Internal Standards						
1) Pentafluorobenzene	7.789	168	149156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84604	59.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.600%
35) Dibromofluoromethane	7.710	113	85532	53.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.700%
50) Toluene-d8	10.179	98	242730	41.890	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.780%
62) 4-Bromofluorobenzene	12.477	95	51383	22.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.160%
Target Compounds						
16) Acetone	3.942	43	4506	15.488	ug/l	Qvalue # 86

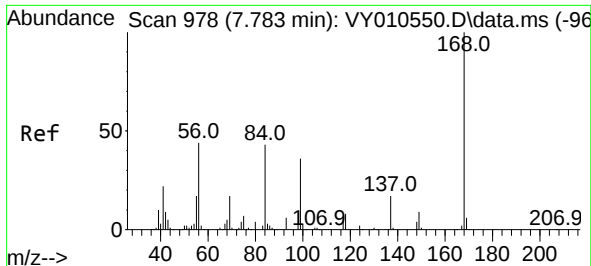
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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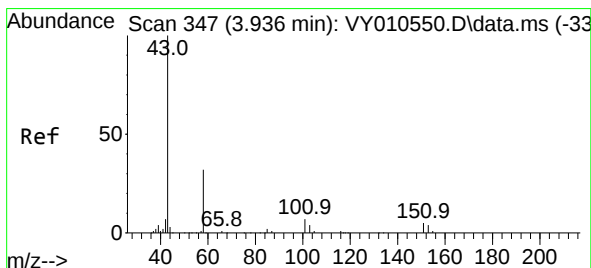
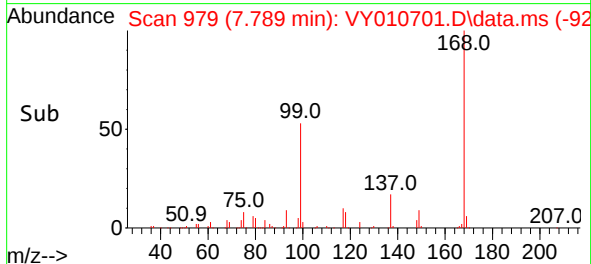
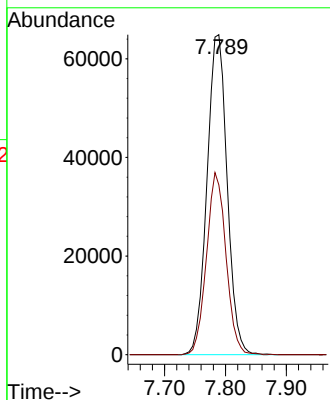
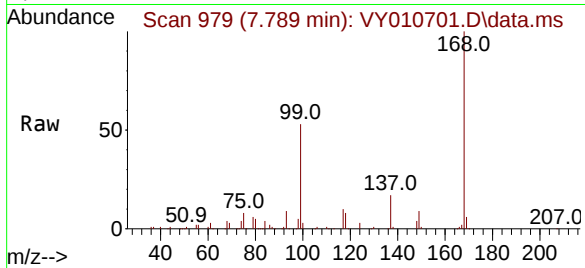




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010701.D
Acq: 27 Sep 2022 16:23

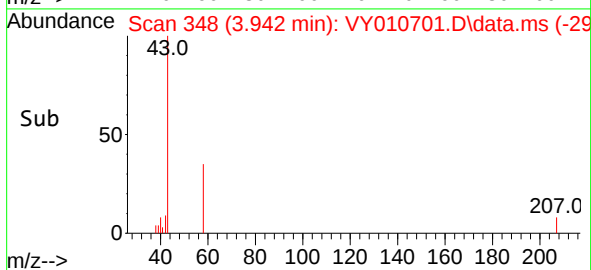
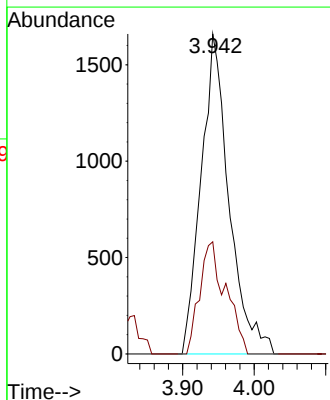
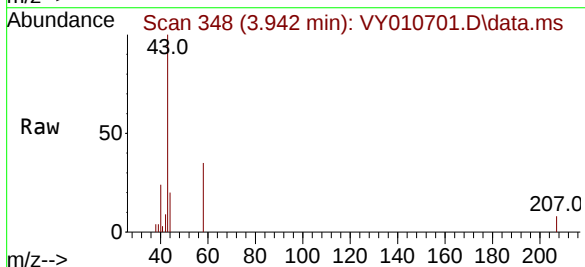
Instrument :
MSVOA_Y
ClientSampleId :
D22022-17.5-18

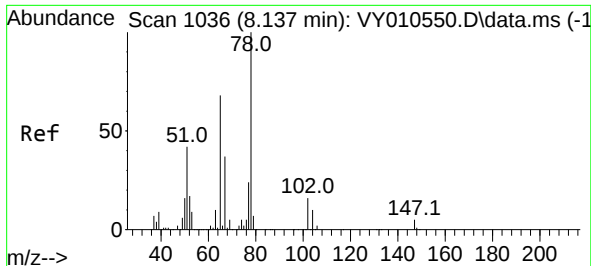
Tgt Ion:168 Resp: 149156
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#16
Acetone
Concen: 15.488 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010701.D
Acq: 27 Sep 2022 16:23

Tgt Ion: 43 Resp: 4506
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#

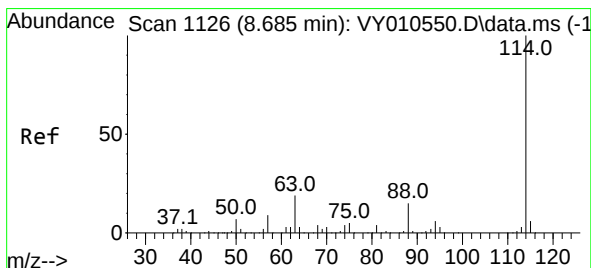
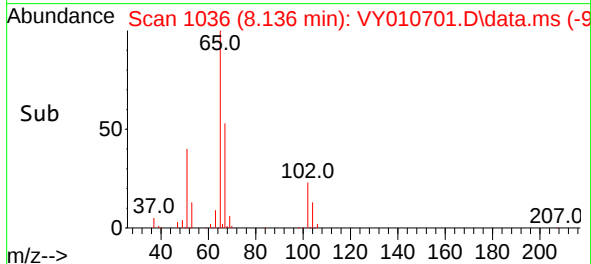
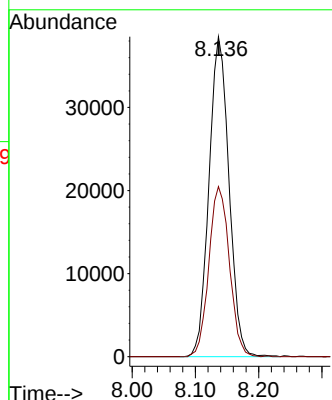
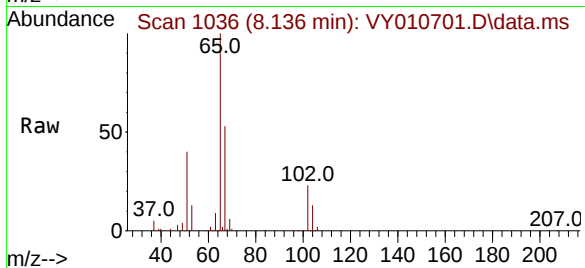




#33
 1,2-Dichloroethane-d4
 Concen: 59.303 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.001 min
 Lab File: VY010701.D
 Acq: 27 Sep 2022 16:23

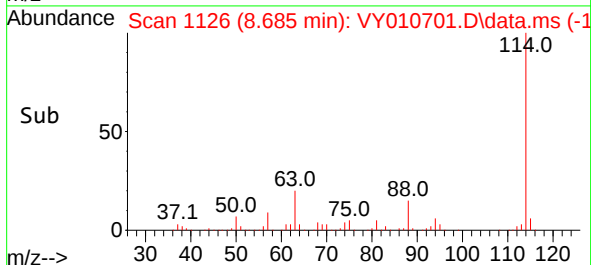
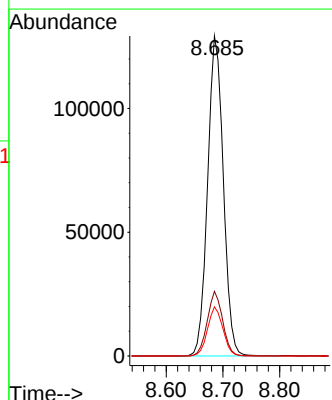
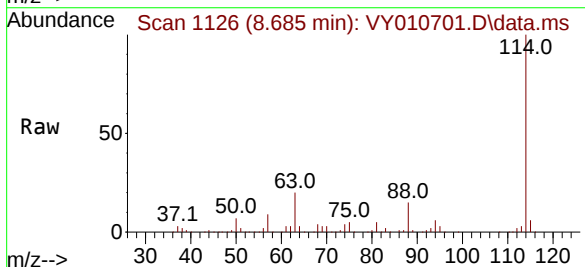
Instrument :
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 ClientSampleId :
 D22022-17.5-18

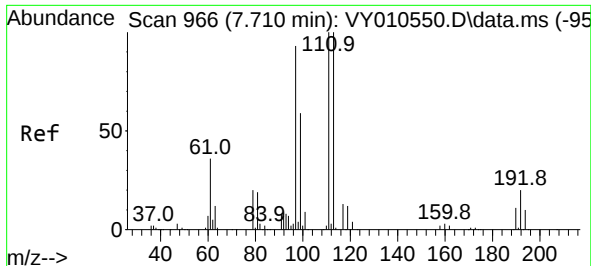
Tgt Ion: 65 Resp: 84604
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010701.D
 Acq: 27 Sep 2022 16:23

Tgt Ion: 114 Resp: 248876
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 15.3 0.0 31.8

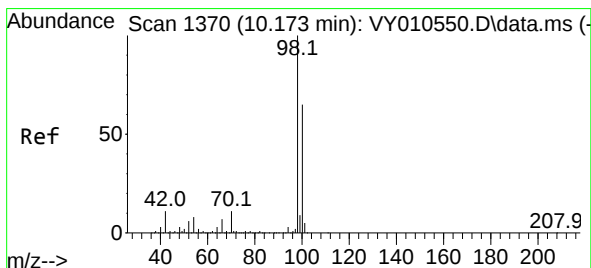
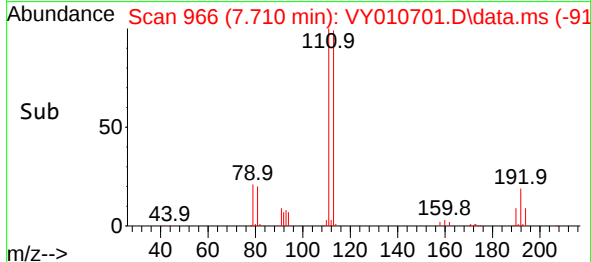
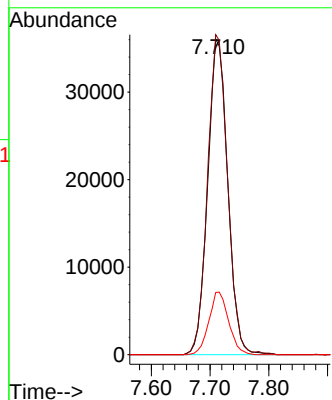
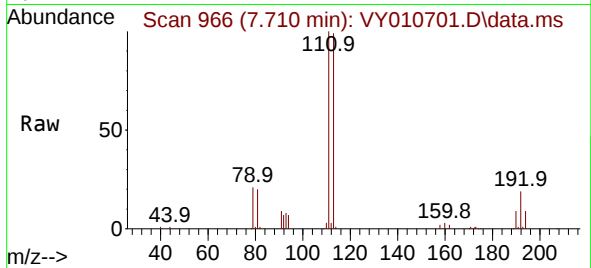




#35
Dibromofluoromethane
Concen: 53.850 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010701.D
Acq: 27 Sep 2022 16:23

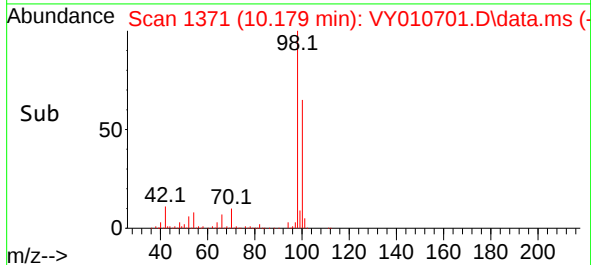
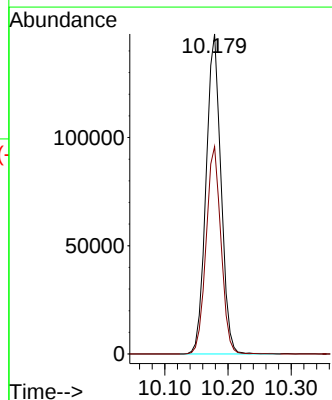
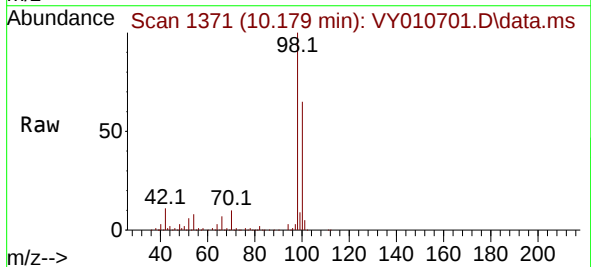
Instrument :
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D22022-17.5-18

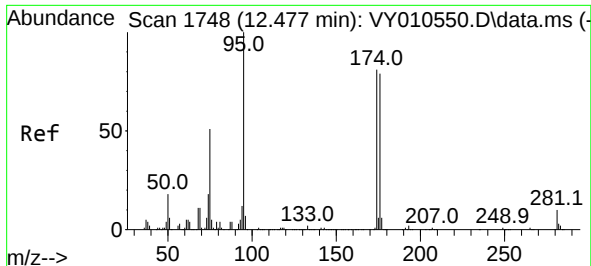
Tgt Ion:113 Resp: 85532
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 41.890 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010701.D
Acq: 27 Sep 2022 16:23

Tgt Ion: 98 Resp: 242730
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

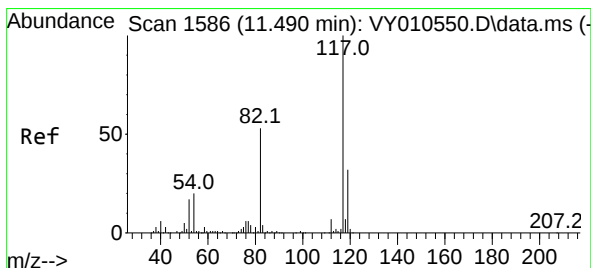
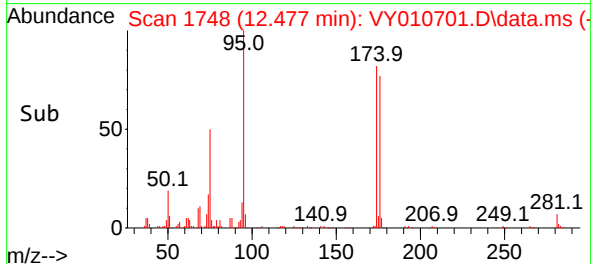
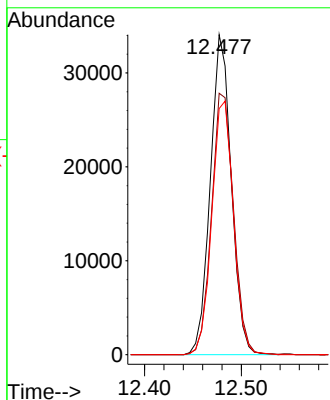
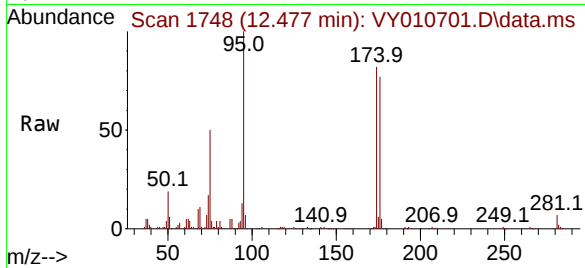




#62
4-Bromofluorobenzene
Concen: 22.077 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010701.D
Acq: 27 Sep 2022 16:23

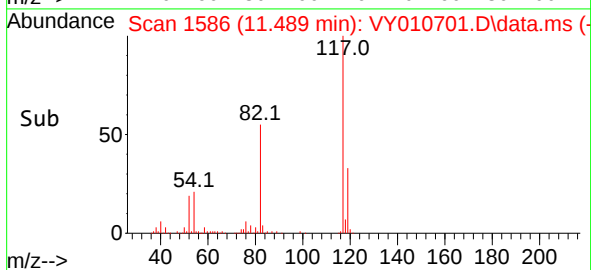
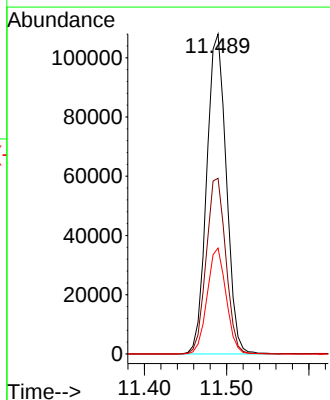
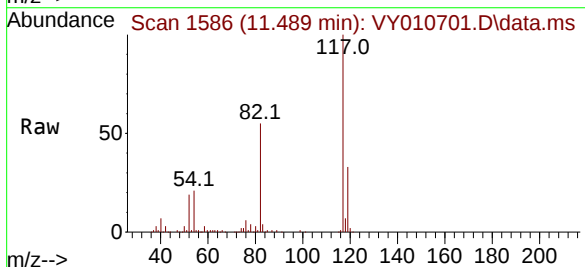
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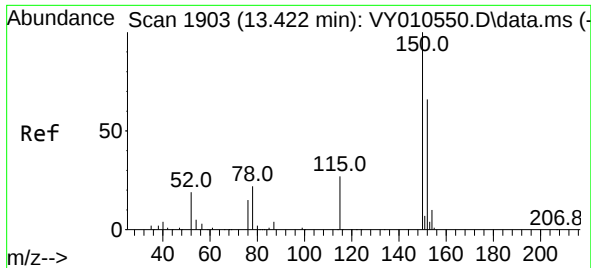
Tgt Ion: 95 Resp: 51383
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010701.D
Acq: 27 Sep 2022 16:23

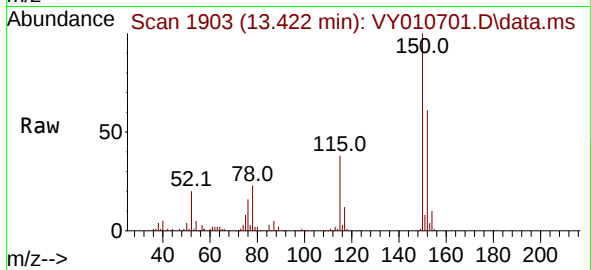
Tgt Ion: 117 Resp: 178949
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 33.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010701.D
 Acq: 27 Sep 2022 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22022-17.5-18



Tgt Ion:152 Resp: 45694
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.2 84.7
 150 159.1 0.0 347.6

