

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014715.D
 Acq On : 20 Jul 2023 12:57
 Operator : SY/MD
 Sample : 03659-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-2-071823

Quant Time: Jul 20 14:09:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

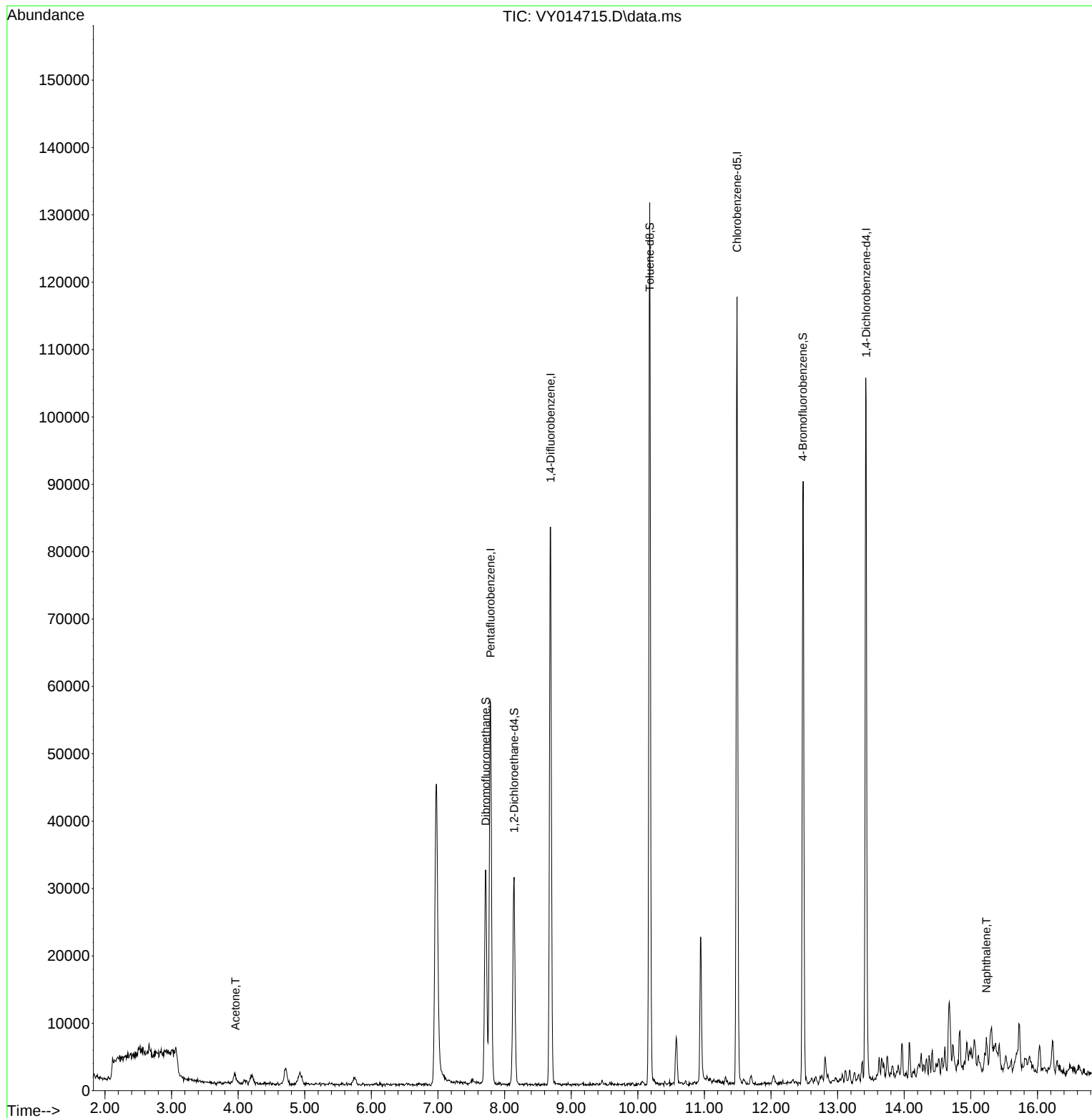
Internal Standards						
1) Pentafluorobenzene	7.789	168	45826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	62448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	23742	45.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.920%
35) Dibromofluoromethane	7.716	113	22571	47.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.480%
50) Toluene-d8	10.179	98	85474	49.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.477	95	27348	40.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.840%
Target Compounds						
16) Acetone	3.960	43	2842	17.174	ug/l	97
95) Naphthalene	15.233	128	2750	2.159	ug/l	98

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

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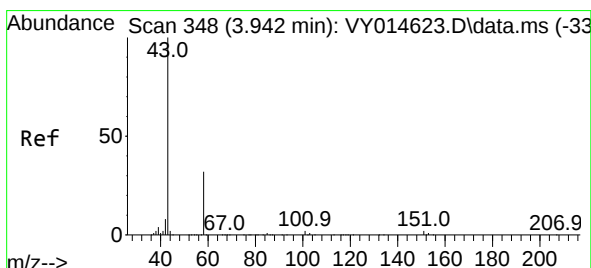
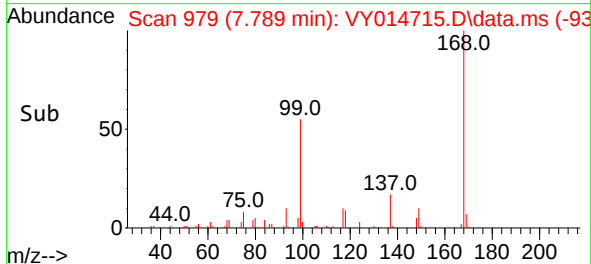
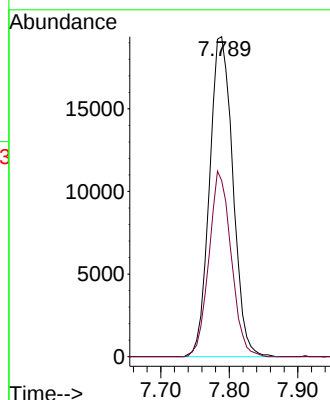
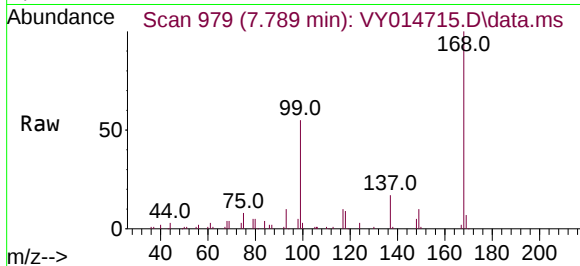




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

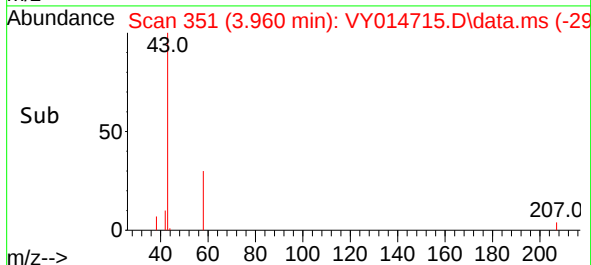
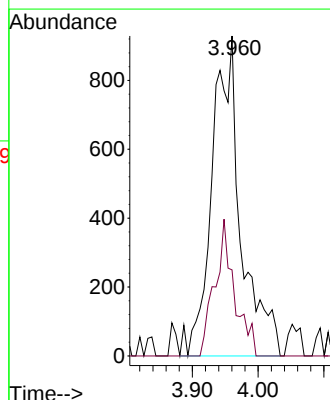
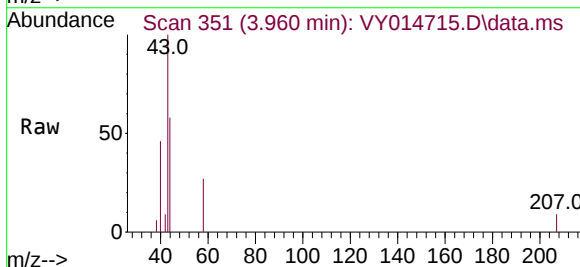
Instrument :
MSVOA_Y
ClientSampleId :
HR-2-071823

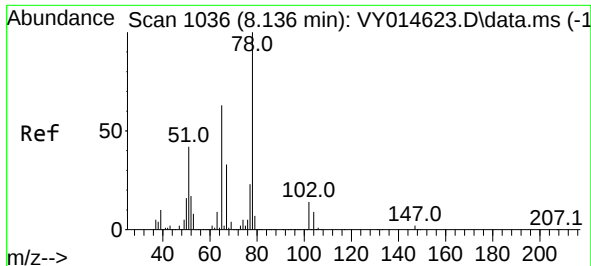
Tgt Ion:168 Resp: 45826
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#16
Acetone
Concen: 17.174 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 26.9 22.7 34.1

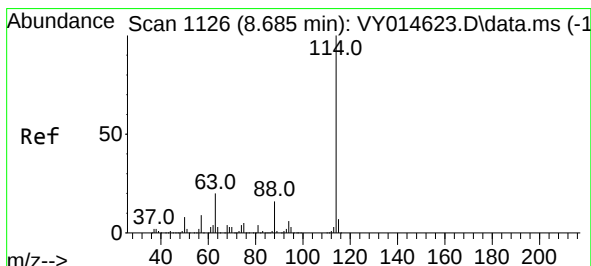
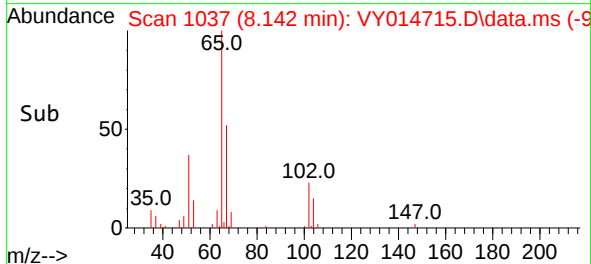
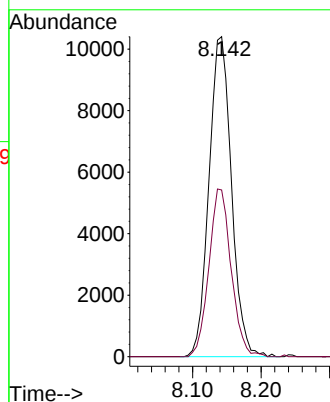
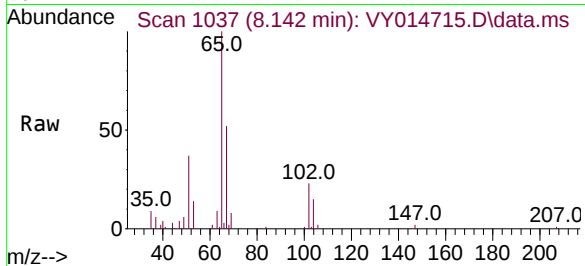




#33
1,2-Dichloroethane-d4
Concen: 45.465 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

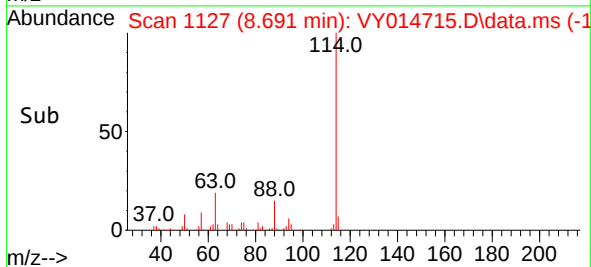
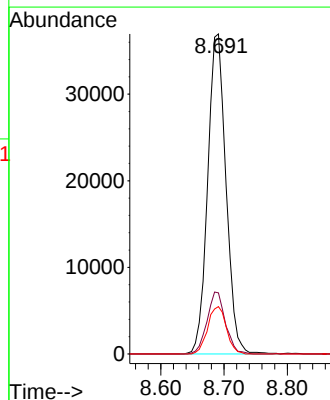
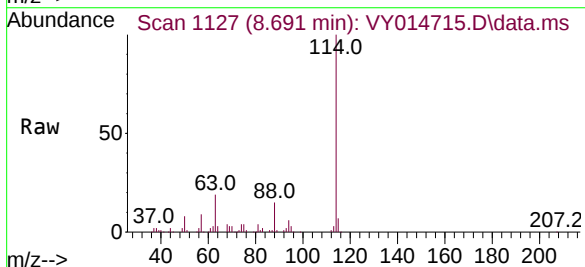
Instrument :
MSVOA_Y
ClientSampleId :
HR-2-071823

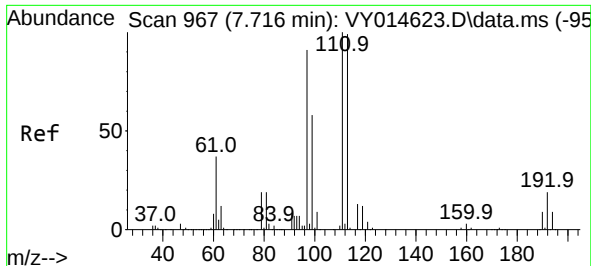
Tgt Ion: 65 Resp: 23742
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

Tgt Ion:114 Resp: 74276
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.8 0.0 30.6

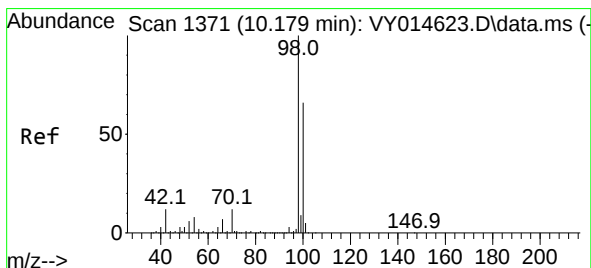
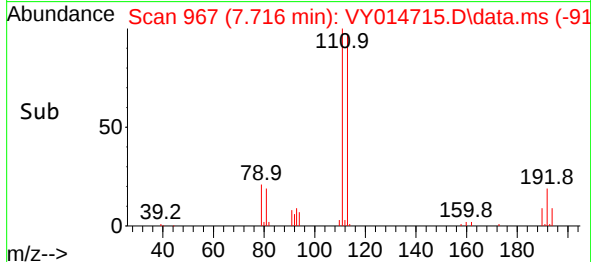
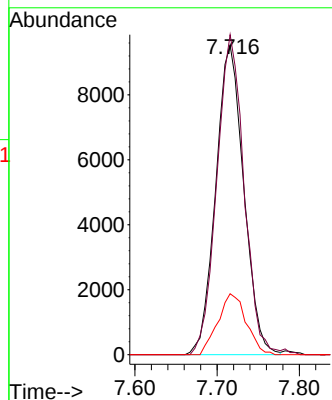
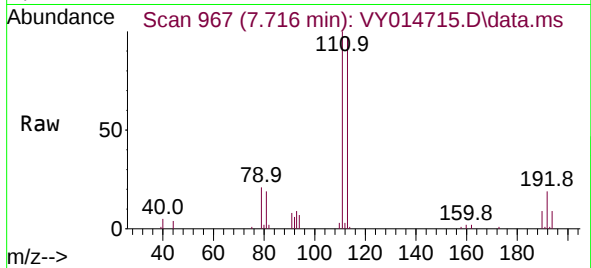




#35
Dibromofluoromethane
Concen: 47.737 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

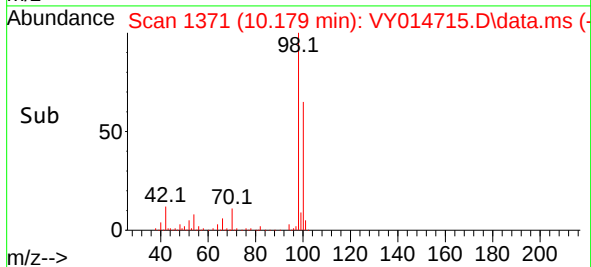
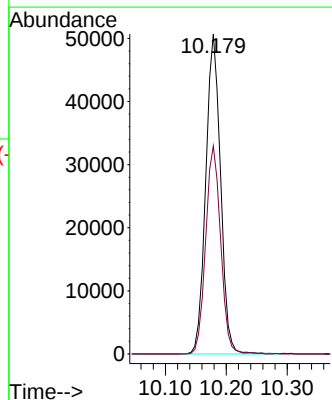
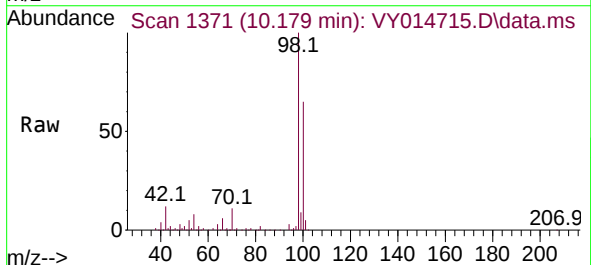
Instrument :
MSVOA_Y
ClientSampleId :
HR-2-071823

Tgt Ion:113 Resp: 22571
Ion Ratio Lower Upper
113 100
111 100.6 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 49.033 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

Tgt Ion: 98 Resp: 85474
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

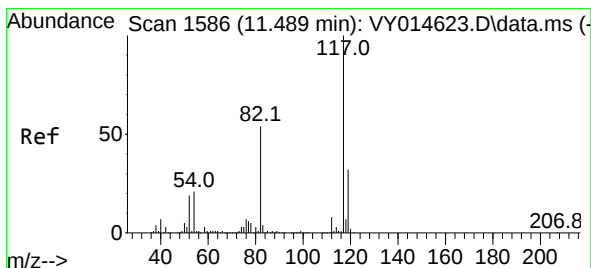
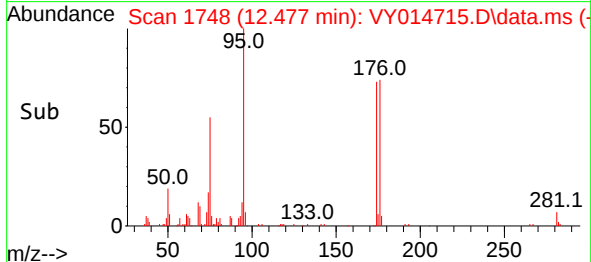
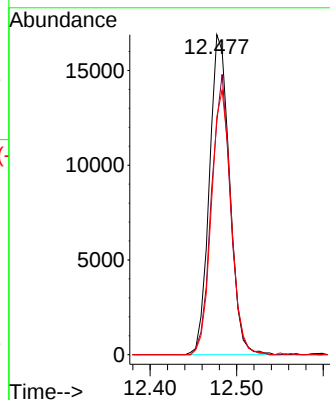
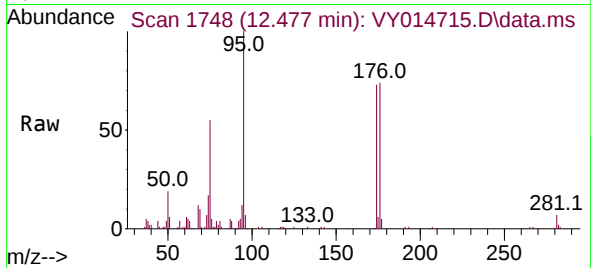




#62
4-Bromofluorobenzene
Concen: 40.915 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

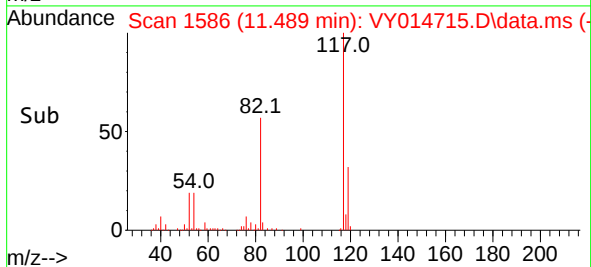
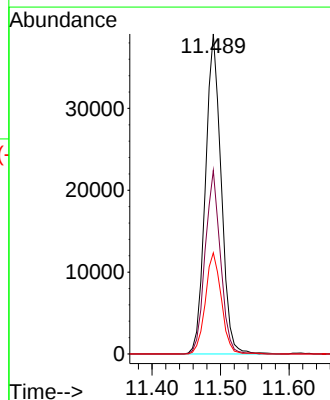
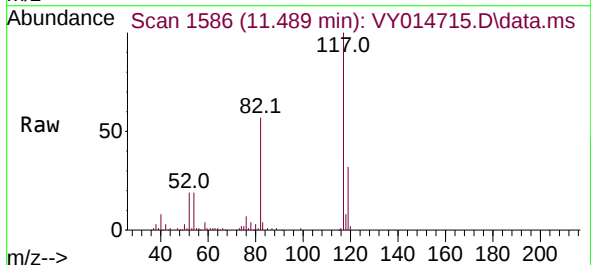
Instrument :
MSVOA_Y
ClientSampleId :
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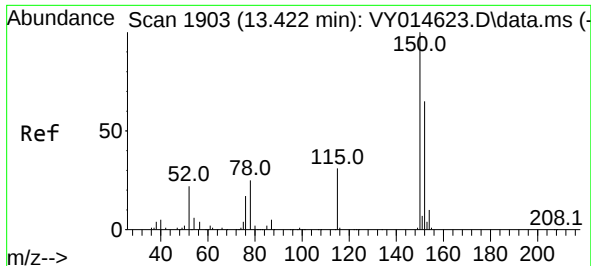
Tgt Ion: 95 Resp: 27348
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 81.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

Tgt Ion: 117 Resp: 62448
Ion Ratio Lower Upper
117 100
82 57.4 43.4 65.0
119 31.6 26.3 39.5

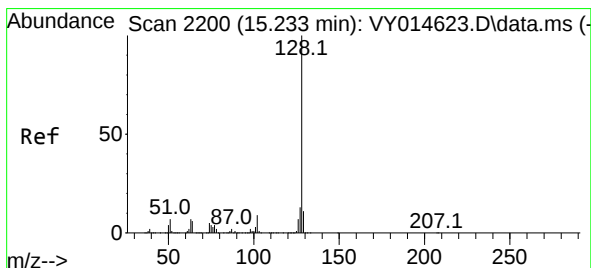
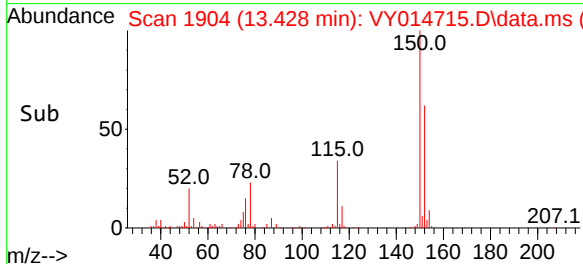
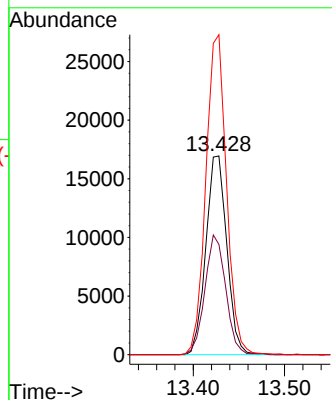
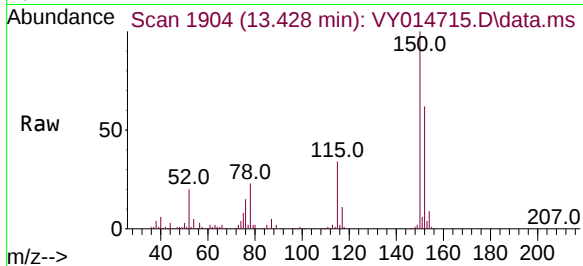




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-071823

Tgt Ion:152 Resp: 27021
Ion Ratio Lower Upper
152 100
115 59.9 28.8 86.5
150 158.7 0.0 348.8



#95
Naphthalene
Concen: 2.159 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014715.D
Acq: 20 Jul 2023 12:57

Tgt Ion:128 Resp: 2750
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.3 8.6 13.0

