

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013354.D
 Acq On : 19 Apr 2023 18:39
 Operator : KP/MD
 Sample : 02366-04
 Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230299-27-1

Quant Time: Apr 20 06:57:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

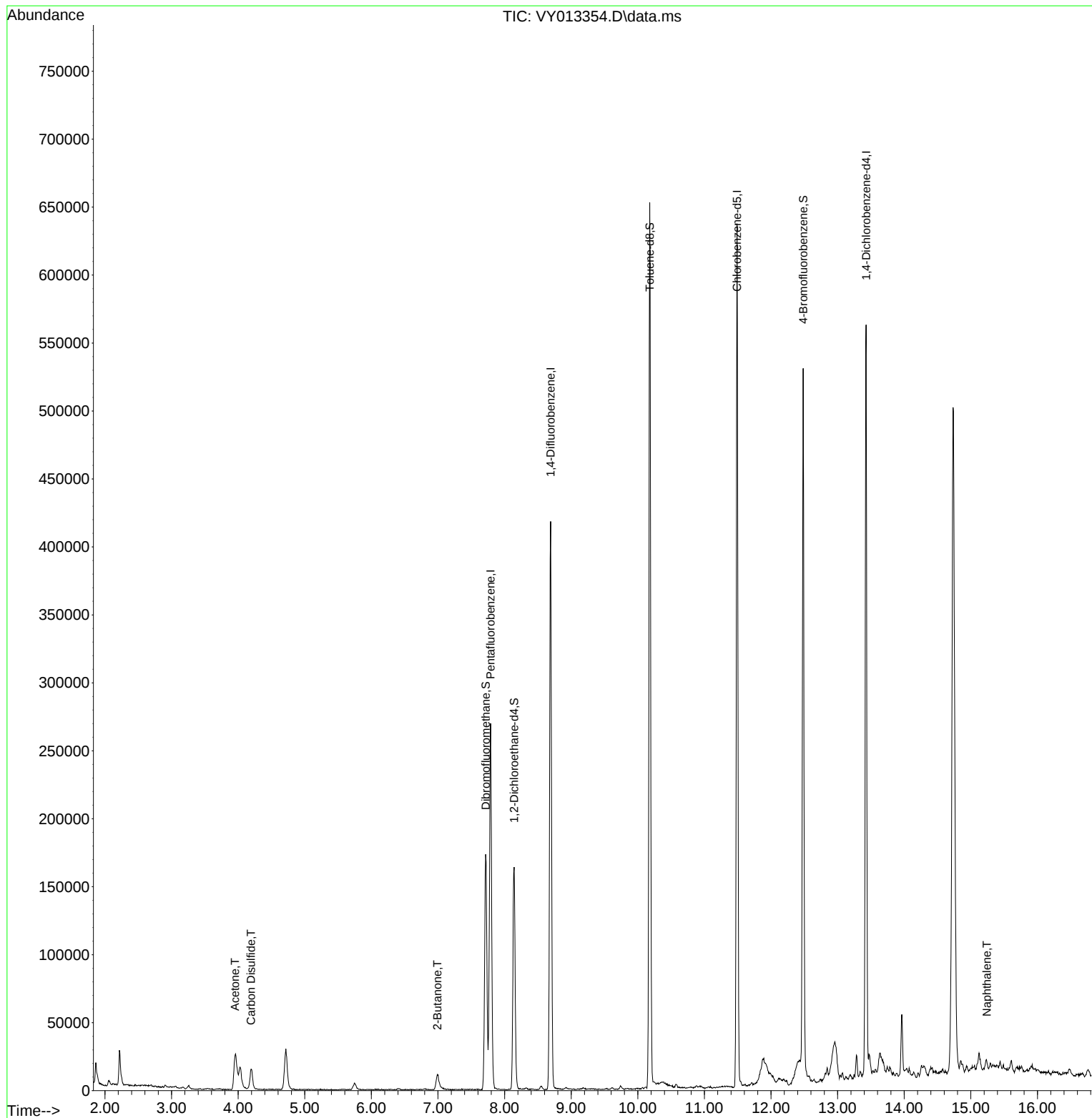
Internal Standards						
1) Pentafluorobenzene	7.789	168	205741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	349800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	133152	53.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.700%	
35) Dibromofluoromethane	7.715	113	122531	54.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.178	98	429440	50.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.483	95	144381	52.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	64660	76.059	ug/l	93
17) Carbon Disulfide	4.192	76	30858	4.841	ug/l	96
25) 2-Butanone	6.990	43	19076	17.525	ug/l #	85
95) Naphthalene	15.239	128	5147	3.962	ug/l #	88

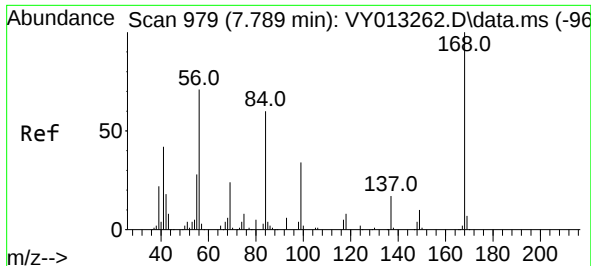
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
Data File : VY013354.D
Acq On : 19 Apr 2023 18:39
Operator : KP/MD
Sample : 02366-04
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230299-27-1

Quant Time: Apr 20 06:57:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

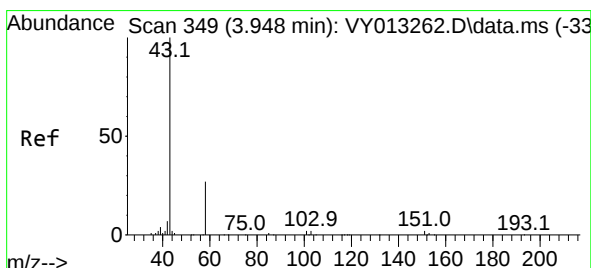
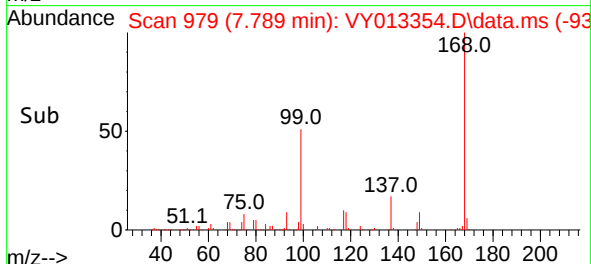
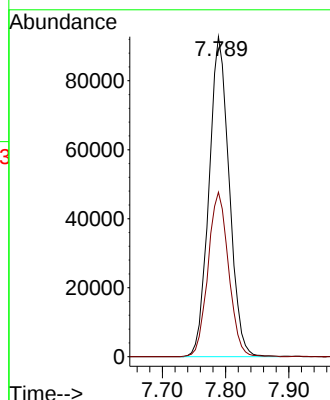
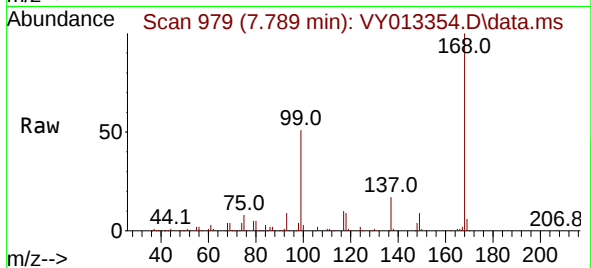




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

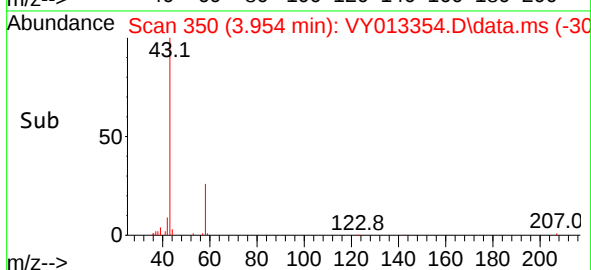
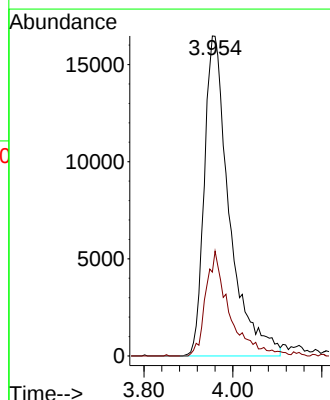
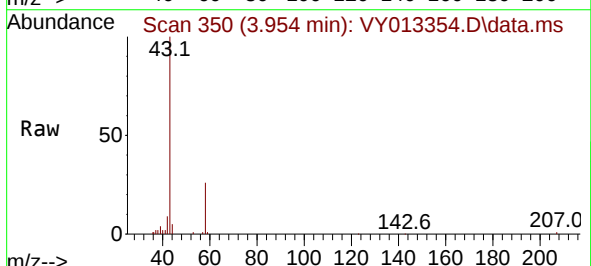
Instrument :
MSVOA_Y
ClientSampleId :
20230299-27-1

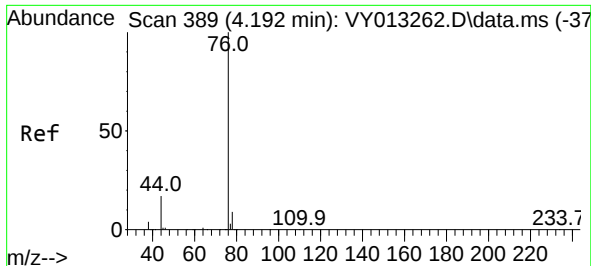
Tgt Ion:168 Resp: 205741
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#16
Acetone
Concen: 76.059 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

Tgt Ion: 43 Resp: 64660
Ion Ratio Lower Upper
43 100
58 26.2 24.2 36.2

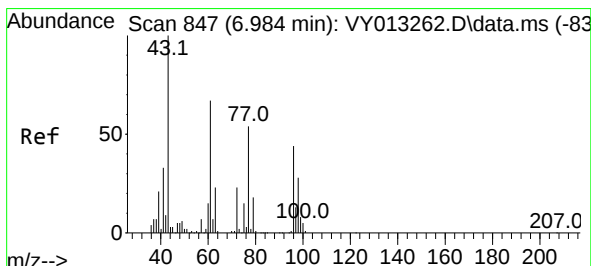
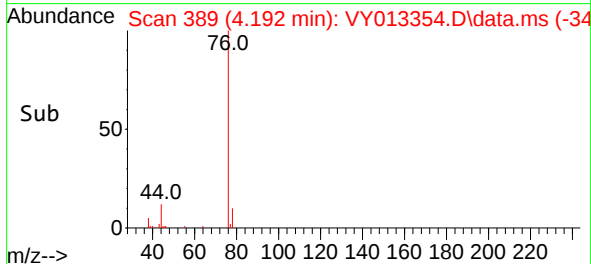
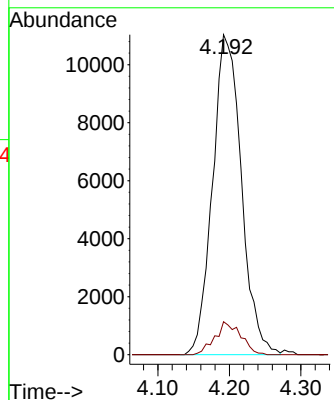
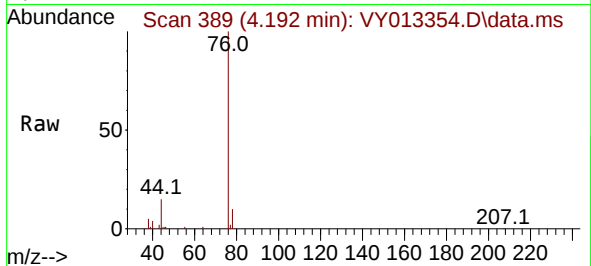




#17
Carbon Disulfide
Concen: 4.841 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

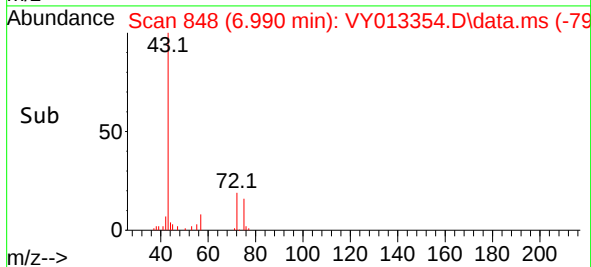
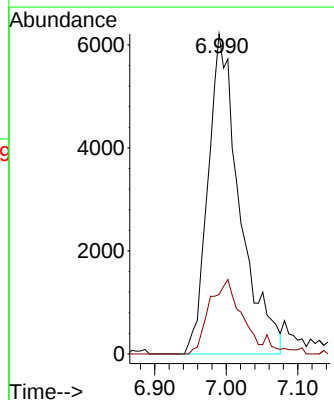
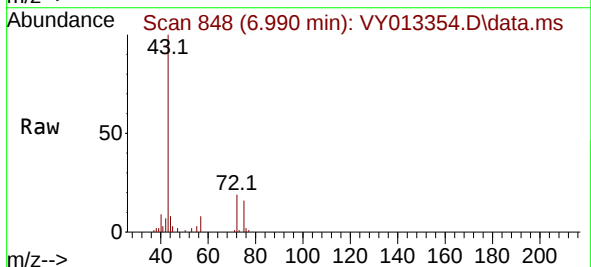
Instrument :
MSVOA_Y
ClientSampleId :
20230299-27-1

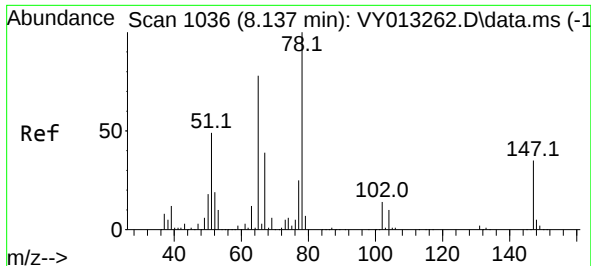
Tgt Ion: 76 Resp: 30858
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



#25
2-Butanone
Concen: 17.525 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

Tgt Ion: 43 Resp: 19076
Ion Ratio Lower Upper
43 100
72 18.6 21.0 31.4#





#33

1,2-Dichloroethane-d4

Concen: 53.852 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013354.D

Acq: 19 Apr 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

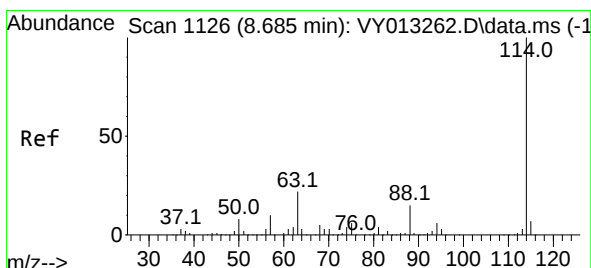
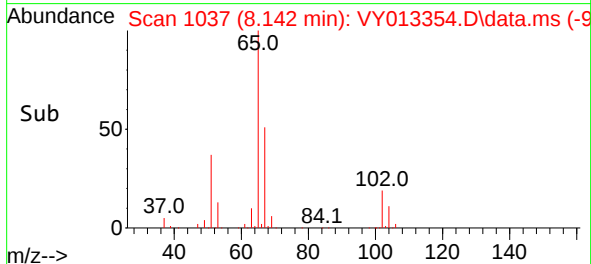
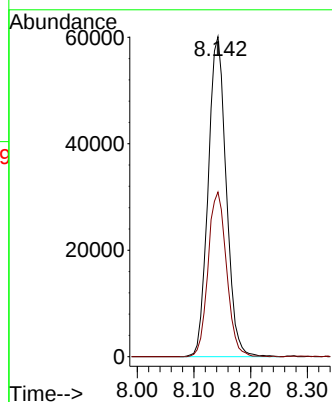
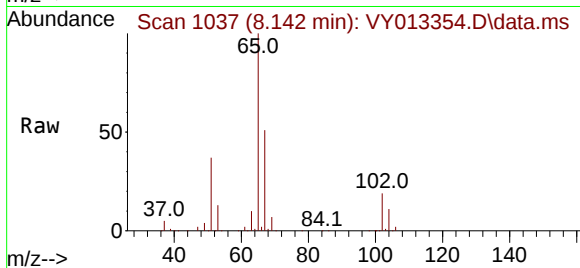
20230299-27-1

Tgt Ion: 65 Resp: 133152

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013354.D

Acq: 19 Apr 2023 18:39

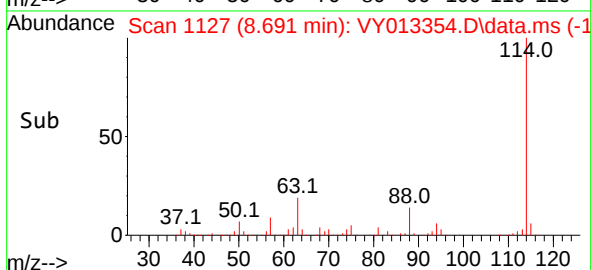
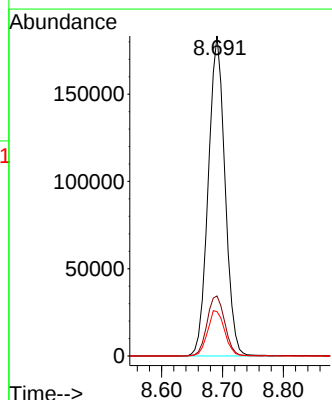
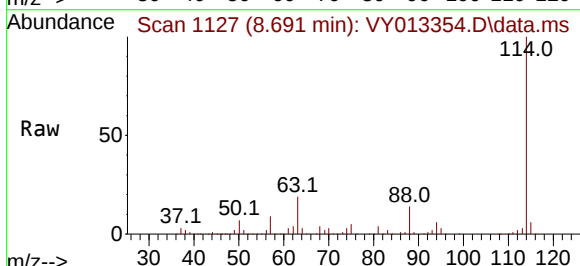
Tgt Ion: 114 Resp: 349800

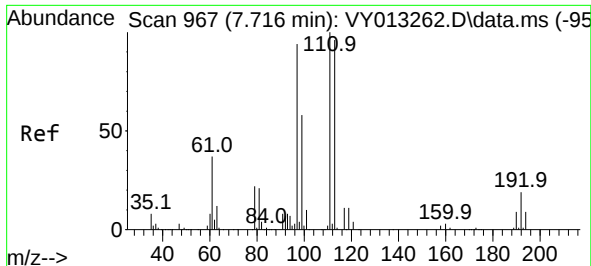
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 13.8 0.0 28.6

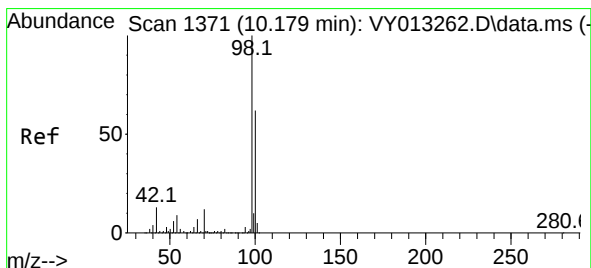
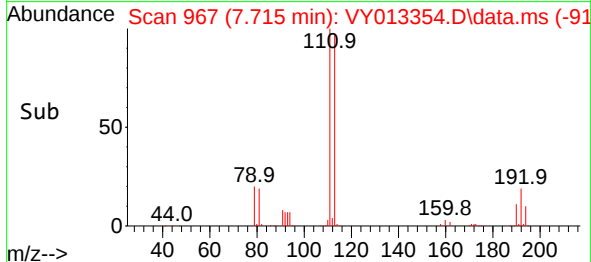
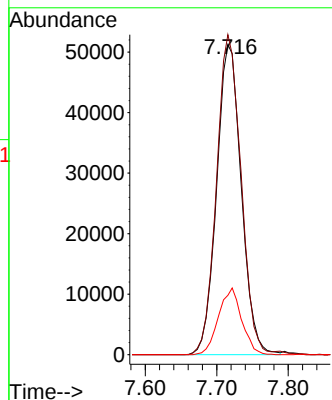
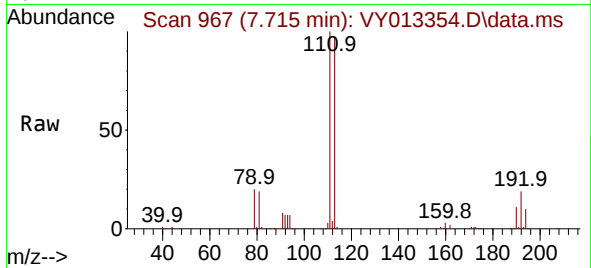




#35
Dibromofluoromethane
Concen: 54.108 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

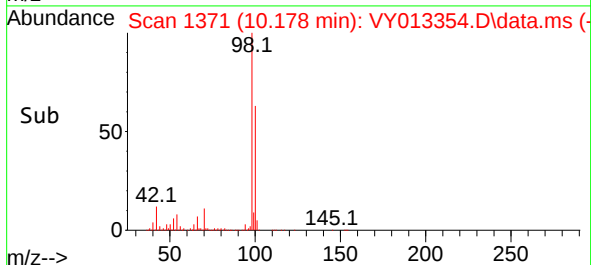
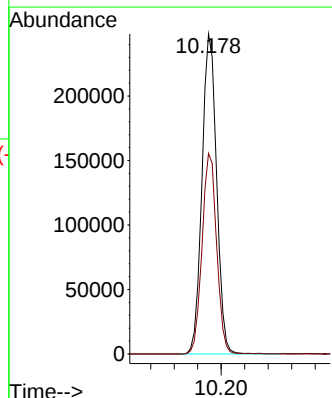
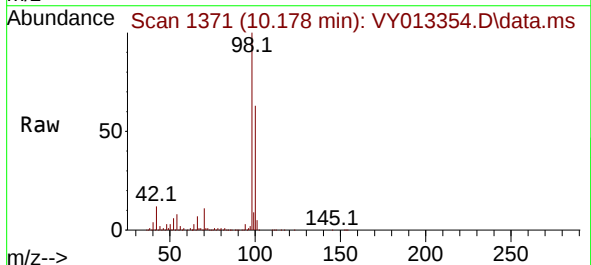
Instrument :
MSVOA_Y
ClientSampleId :
20230299-27-1

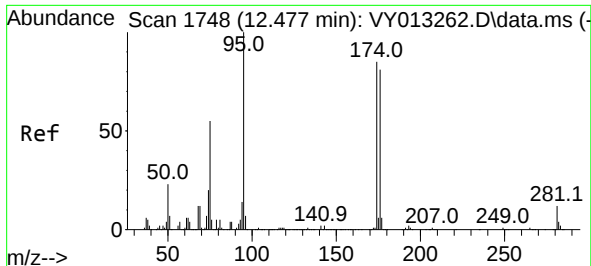
Tgt Ion:113 Resp: 122531
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.3 16.8 25.2



#50
Toluene-d8
Concen: 50.947 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

Tgt Ion: 98 Resp: 429440
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3

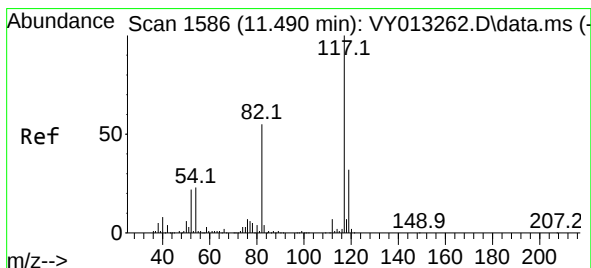
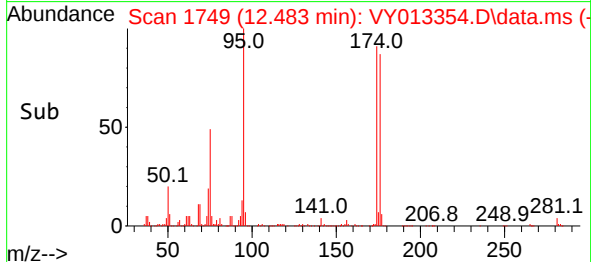
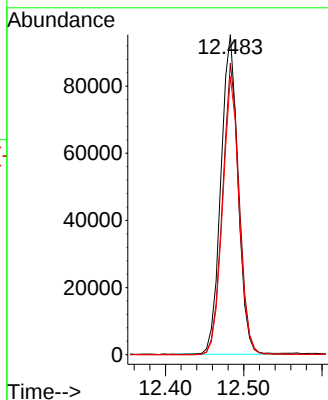
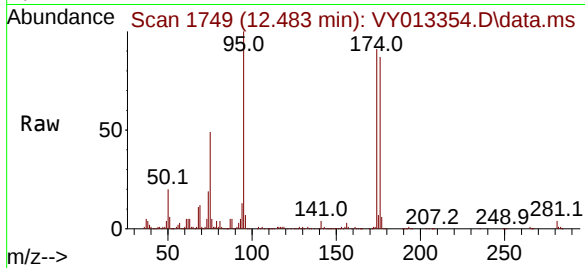




#62
4-Bromofluorobenzene
Concen: 52.718 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

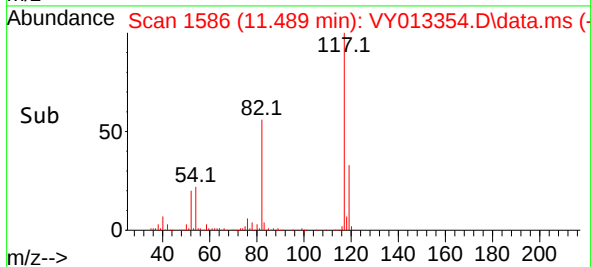
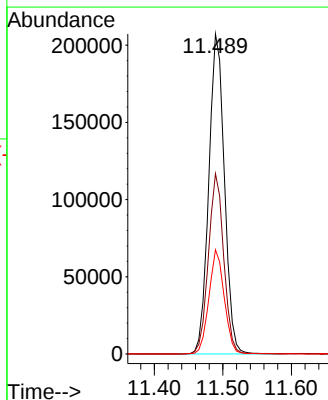
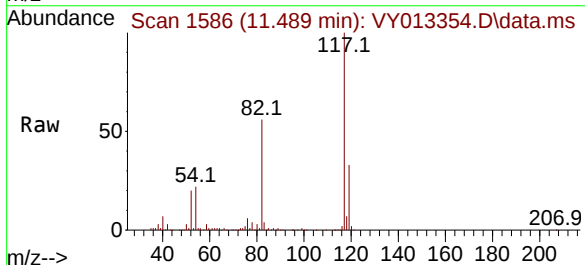
Instrument :
MSVOA_Y
ClientSampleId :
20230299-27-1

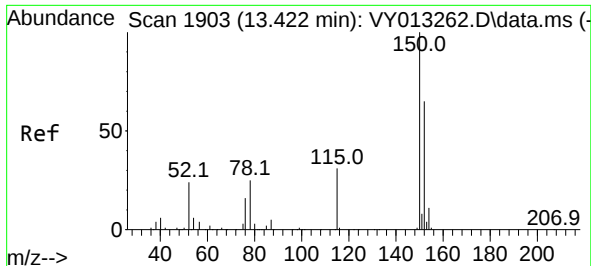
Tgt Ion: 95 Resp: 144381
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 84.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

Tgt Ion: 117 Resp: 329708
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.0
119 32.6 25.6 38.4

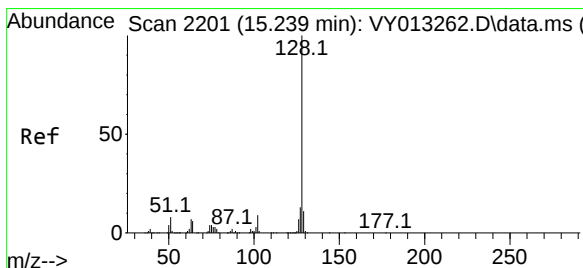
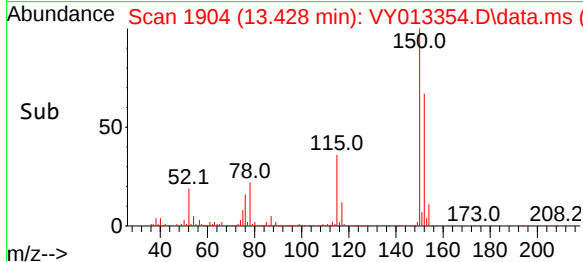
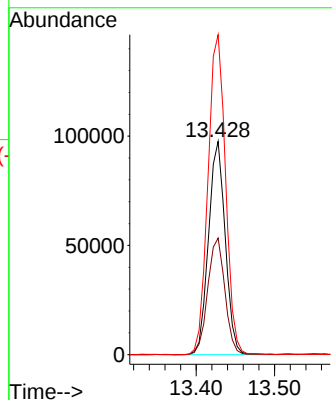
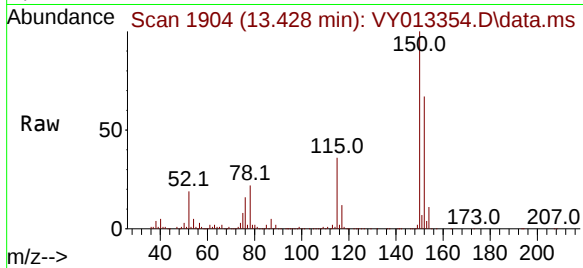




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
20230299-27-1

Tgt Ion:152 Resp: 144918
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 157.3 0.0 347.8



#95
Naphthalene
Concen: 3.962 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013354.D
Acq: 19 Apr 2023 18:39

Tgt Ion:128 Resp: 5147
Ion Ratio Lower Upper
128 100
127 17.8 10.3 15.5#
129 15.2 8.6 13.0#

