

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013375.D
 Acq On : 20 Apr 2023 17:57
 Operator : KP/MD
 Sample : 02406-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5

Quant Time: Apr 21 02:16:04 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)

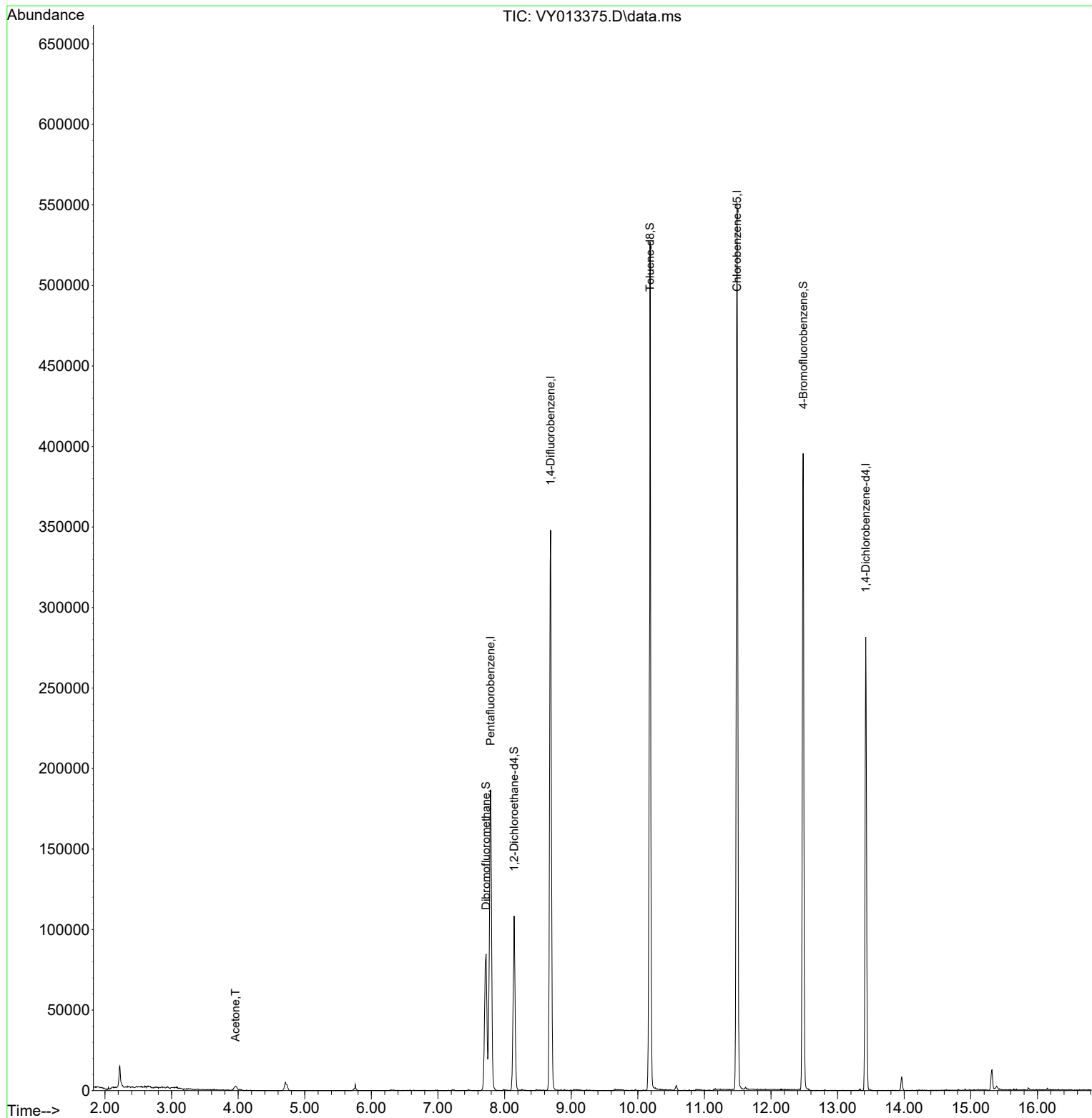
Internal Standards						
1) Pentafluorobenzene	7.789	168	150006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85348	47.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.680%
35) Dibromofluoromethane	7.722	113	56776	30.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.260%
50) Toluene-d8	10.185	98	276906	40.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.280%
62) 4-Bromofluorobenzene	12.483	95	113472	50.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.240%
Target Compounds						Qvalue
16) Acetone	3.960	43	5641	9.101	ug/l	# 89

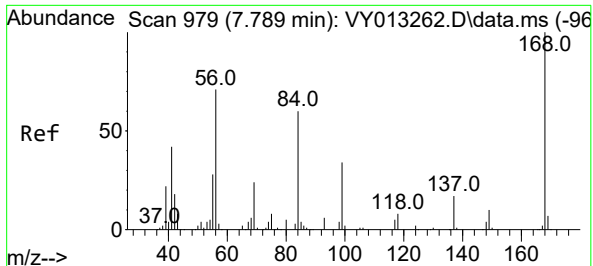
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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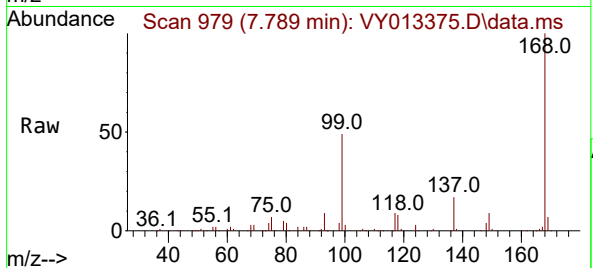
Quant Time: Apr 21 02:16:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



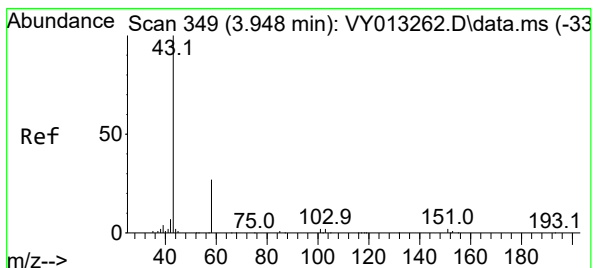
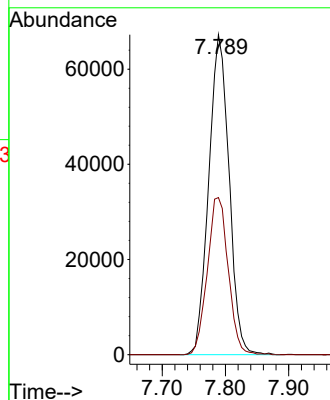
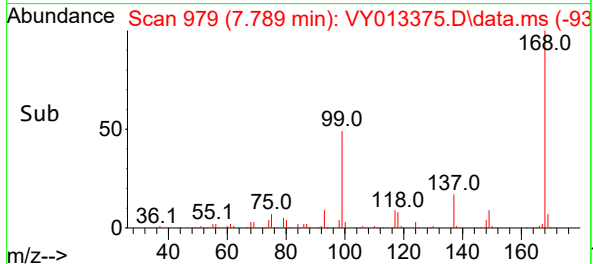


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

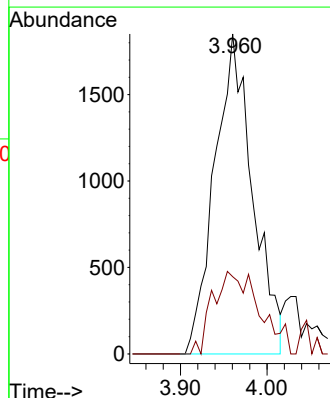
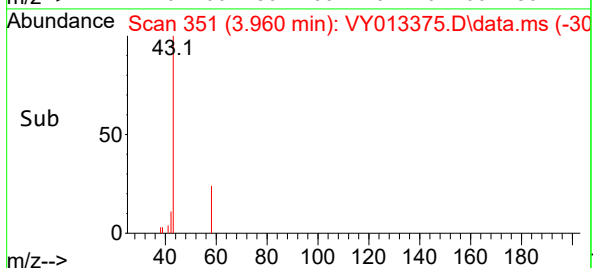
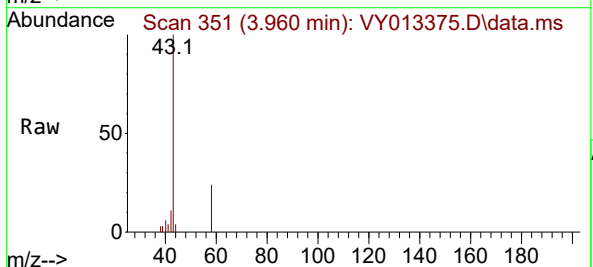


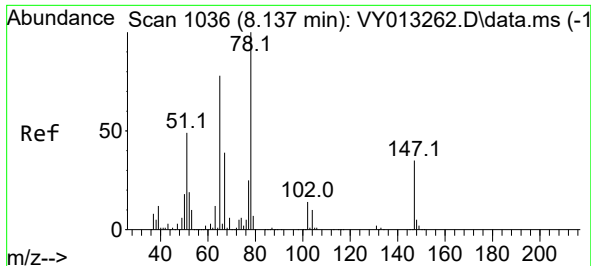
Tgt Ion:168 Resp: 150006
Ion Ratio Lower Upper
168 100
99 49.1 41.7 62.5



#16
Acetone
Concen: 9.101 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Tgt Ion: 43 Resp: 5641
Ion Ratio Lower Upper
43 100
58 24.1 24.2 36.2#

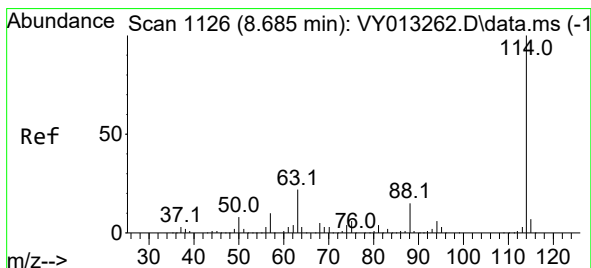
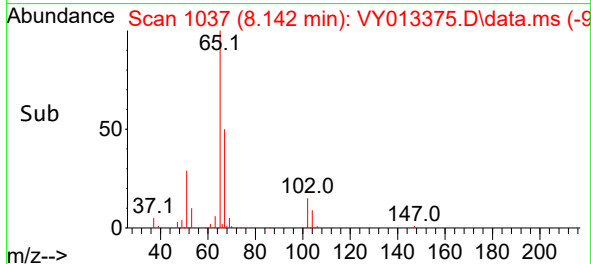
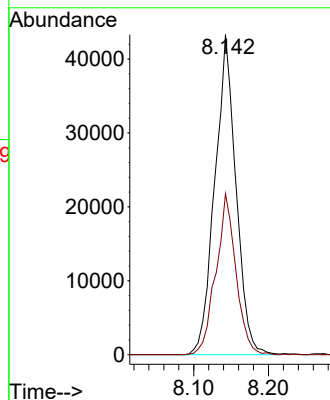
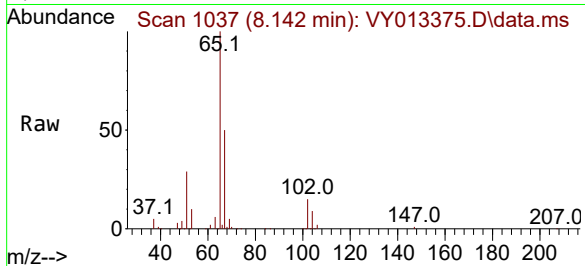




#33
 1,2-Dichloroethane-d4
 Concen: 47.344 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY013375.D
 Acq: 20 Apr 2023 17:57

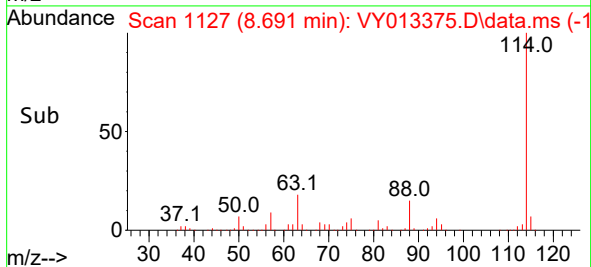
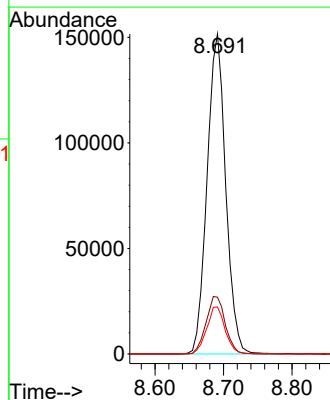
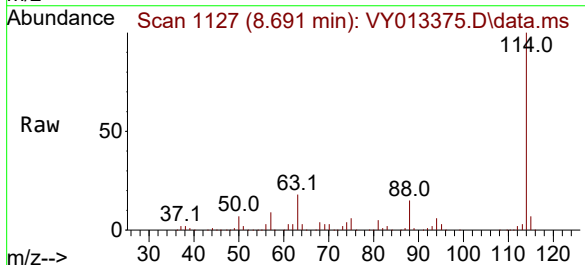
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5

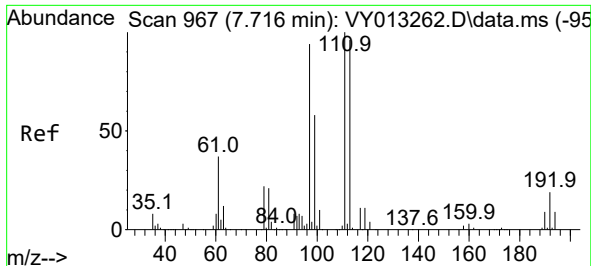
Tgt Ion: 65 Resp: 85348
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY013375.D
 Acq: 20 Apr 2023 17:57

Tgt Ion: 114 Resp: 286302
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 37.4
 88 14.7 0.0 28.6

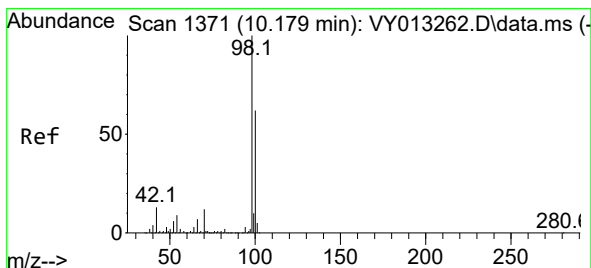
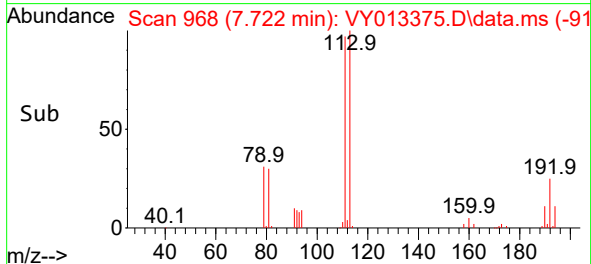
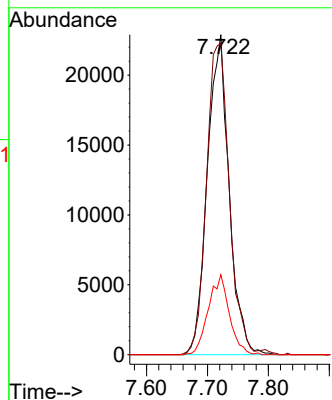
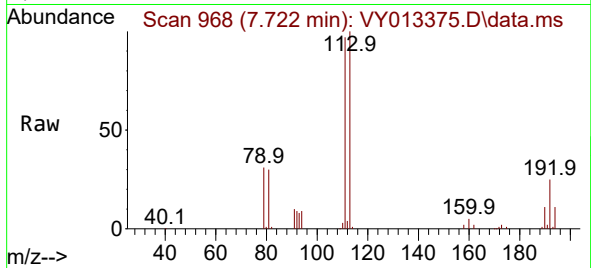




#35
Dibromofluoromethane
Concen: 30.632 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

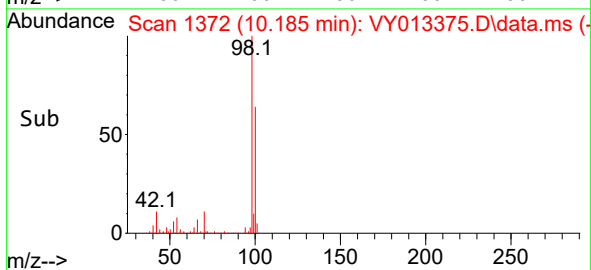
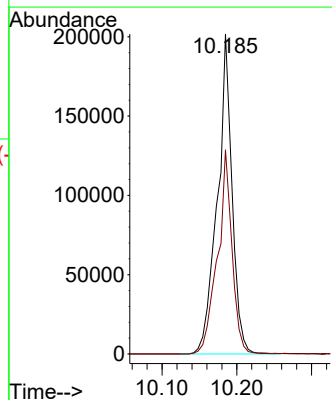
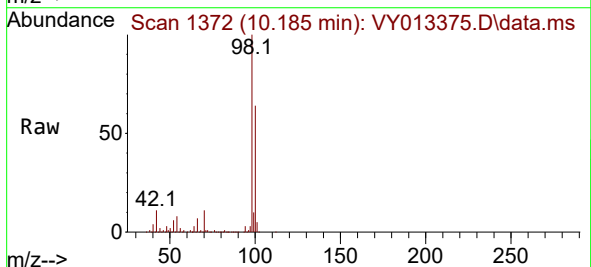
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

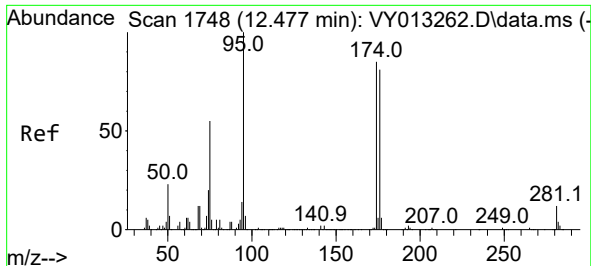
Tgt Ion:113 Resp: 56776
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 24.1 16.8 25.2



#50
Toluene-d8
Concen: 40.137 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Tgt Ion: 98 Resp: 276906
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3

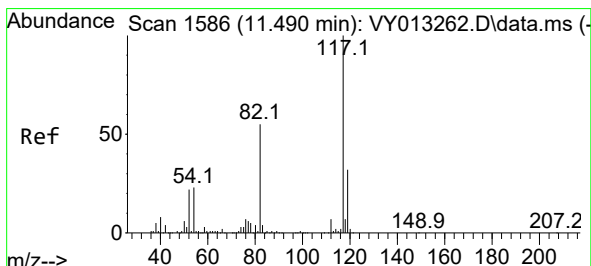
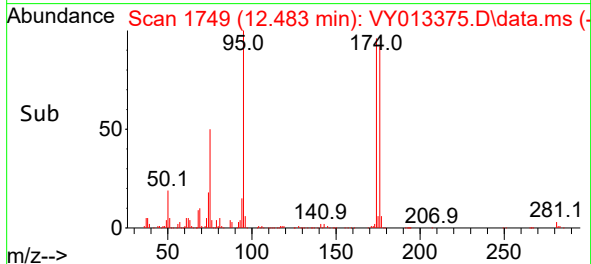
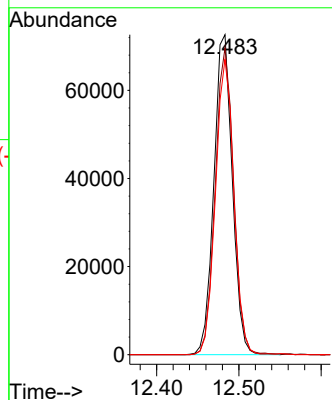
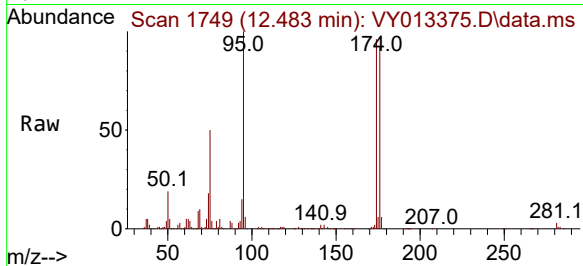




#62
4-Bromofluorobenzene
Concen: 50.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

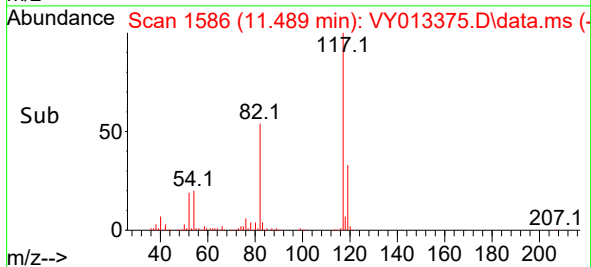
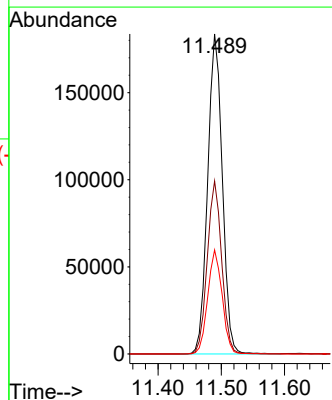
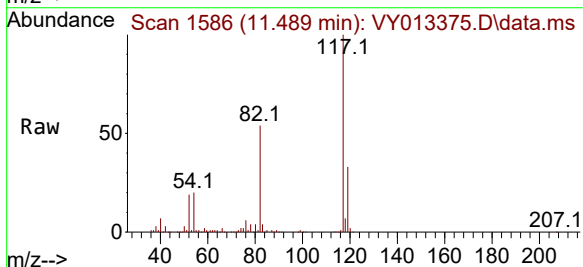
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

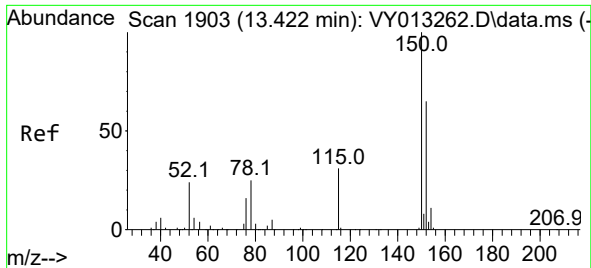
Tgt Ion: 95 Resp: 113472
Ion Ratio Lower Upper
95 100
174 95.8 0.0 176.6
176 91.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

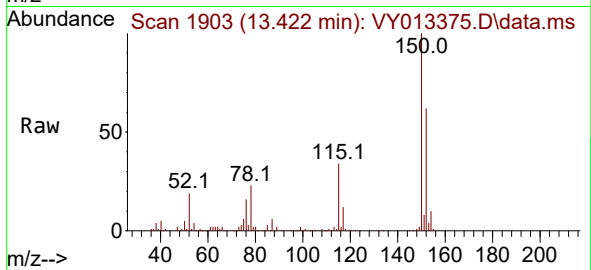
Tgt Ion: 117 Resp: 296078
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013375.D
 Acq: 20 Apr 2023 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5



Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.1	81.3
150	156.1	0.0	347.8

