

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015449.D
 Acq On : 06 Sep 2023 14:56
 Operator : SY/MD
 Sample : 04299-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-9.5-10.0

Quant Time: Sep 06 16:28:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

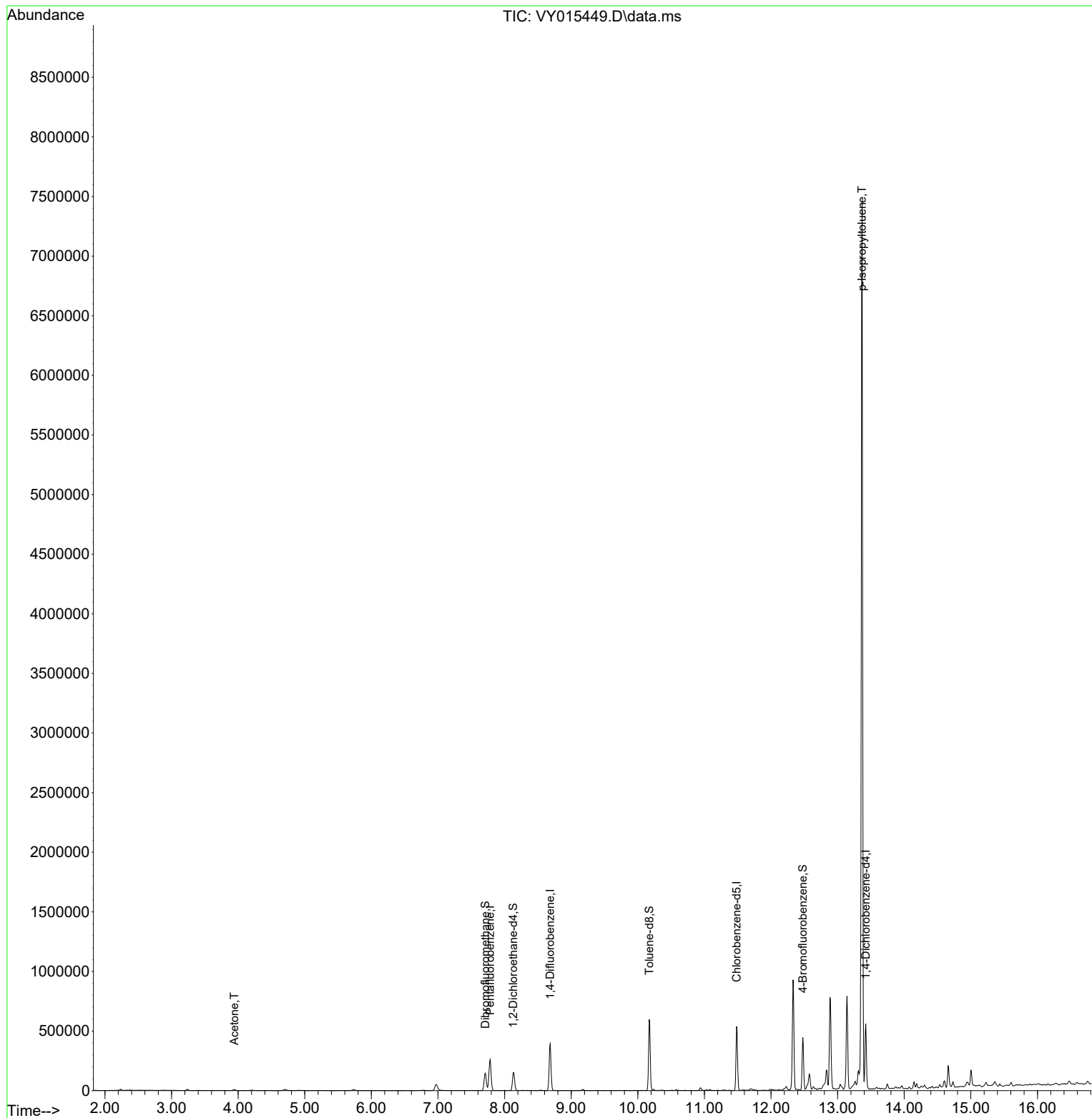
Internal Standards						
1) Pentafluorobenzene	7.783	168	198244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	291351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	118695	55.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.700%
35) Dibromofluoromethane	7.710	113	103656	54.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.173	98	387638	56.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.040%
62) 4-Bromofluorobenzene	12.477	95	126792	49.362	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.720%
Target Compounds						Qvalue
16) Acetone	3.942	43	14301	16.122	ug/l	97
86) p-Isopropyltoluene	13.367	119	3913662	418.467	ug/l	99

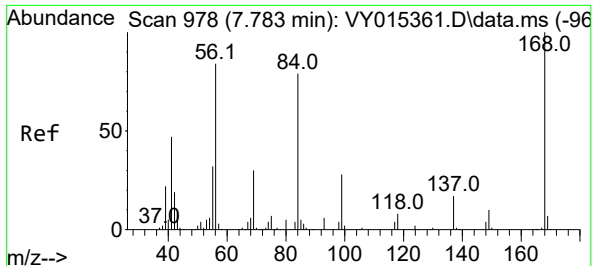
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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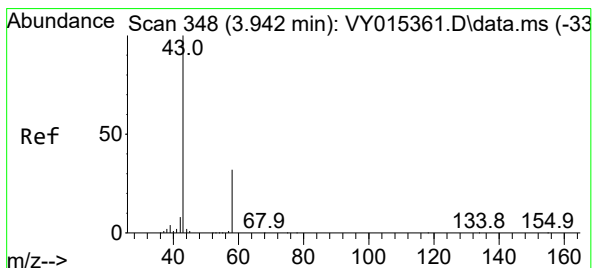
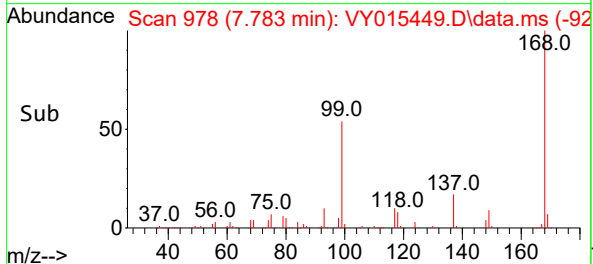
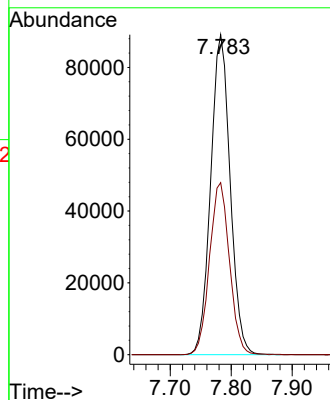
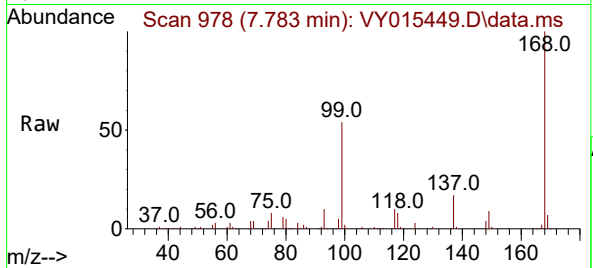




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015449.D
Acq: 06 Sep 2023 14:56

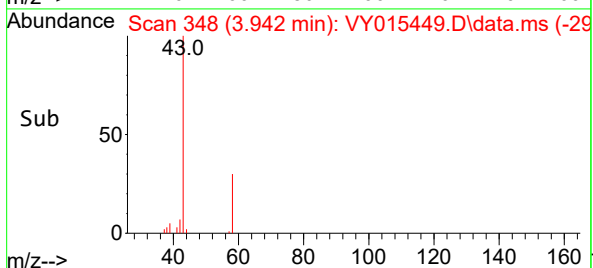
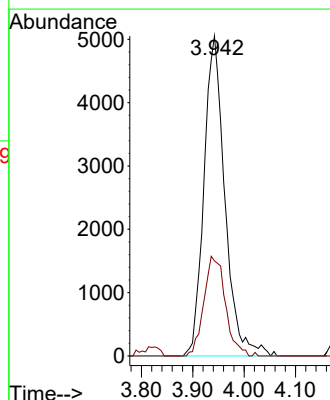
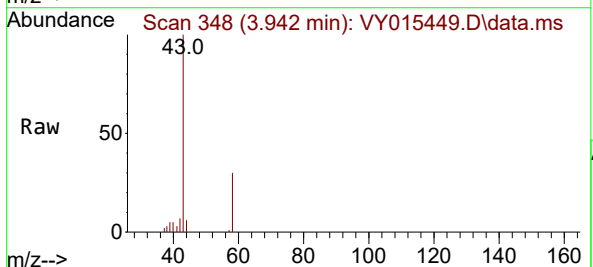
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

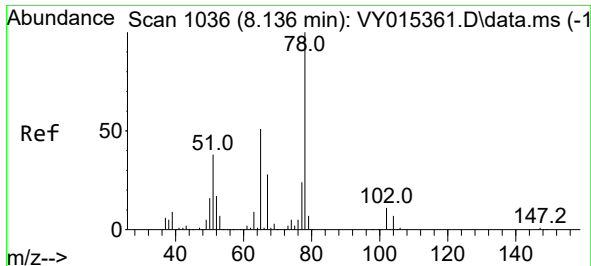
Tgt Ion:168 Resp: 198244
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 16.122 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015449.D
Acq: 06 Sep 2023 14:56

Tgt Ion: 43 Resp: 14301
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1

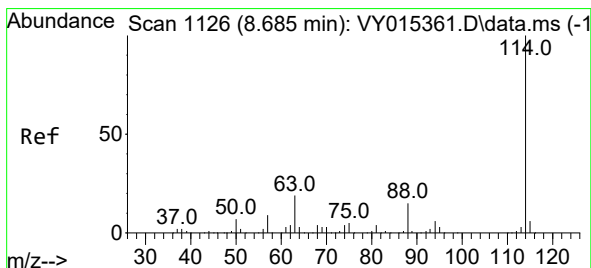
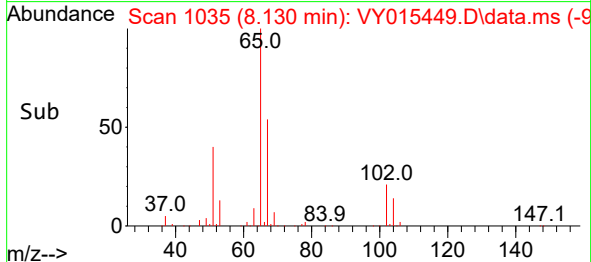
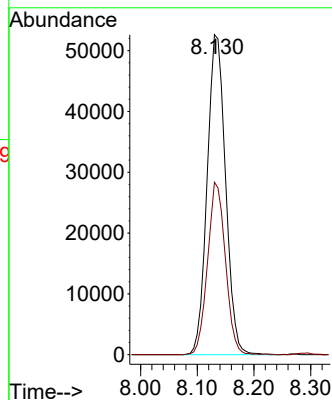
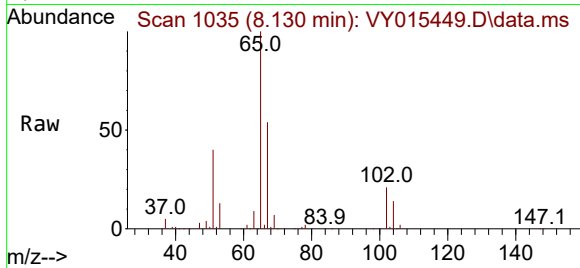




#33
1,2-Dichloroethane-d4
Concen: 55.853 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY015449.D
Acq: 06 Sep 2023 14:56

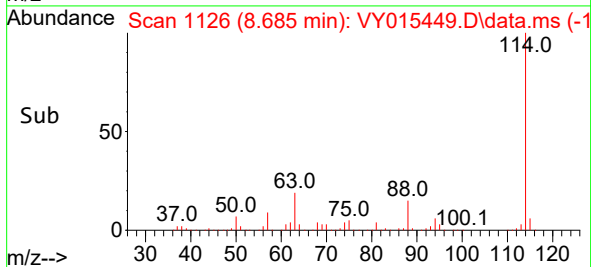
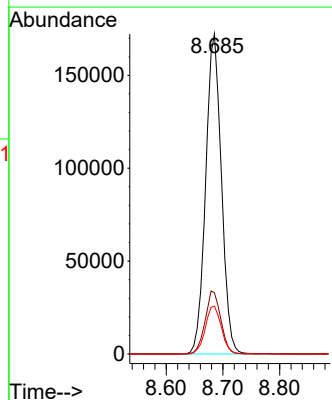
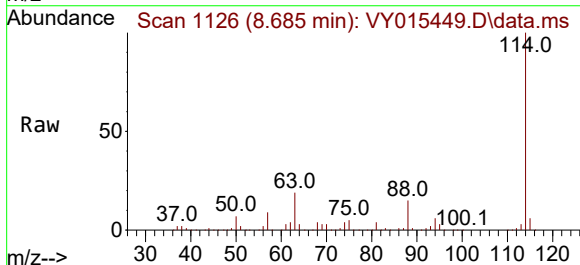
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

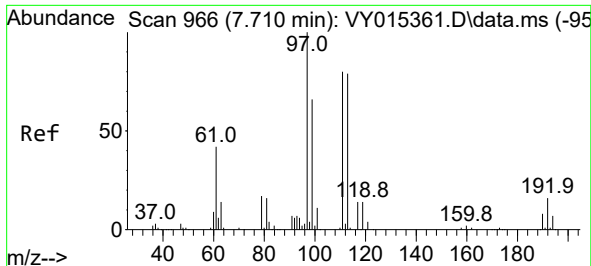
Tgt Ion: 65 Resp: 118695
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015449.D
Acq: 06 Sep 2023 14:56

Tgt Ion: 114 Resp: 331721
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.9 0.0 30.6

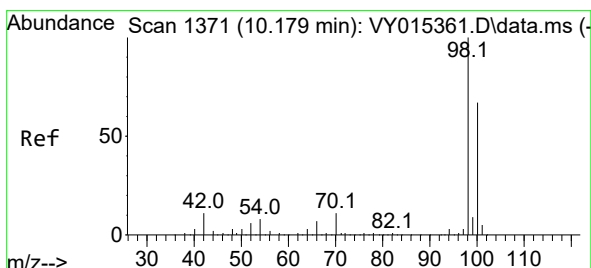
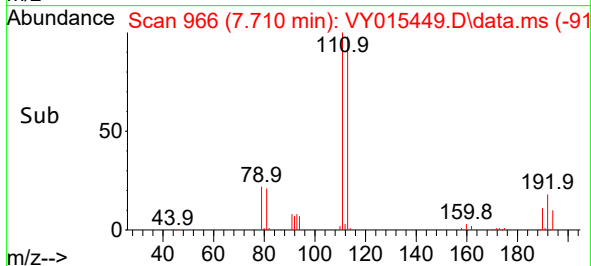
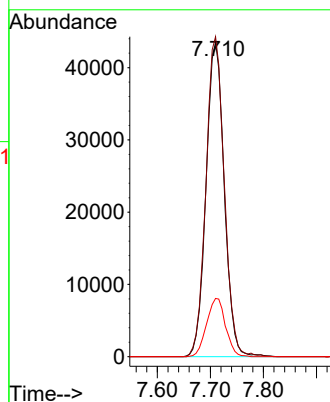
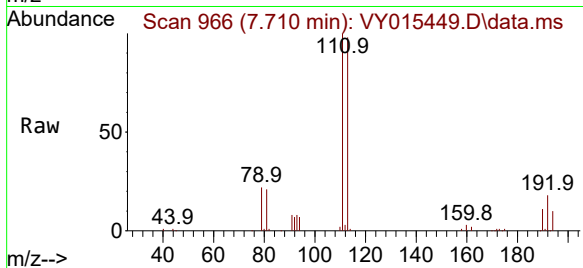




#35
Dibromofluoromethane
Concen: 54.252 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015449.D
Acq: 06 Sep 2023 14:56

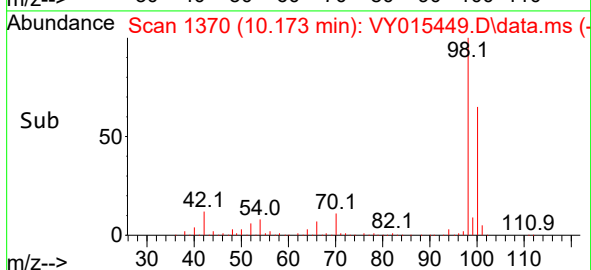
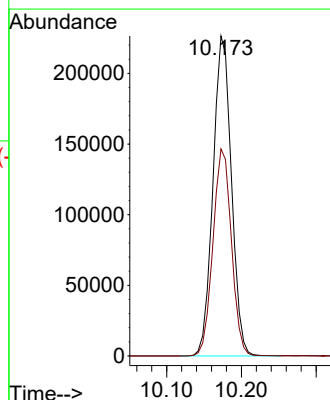
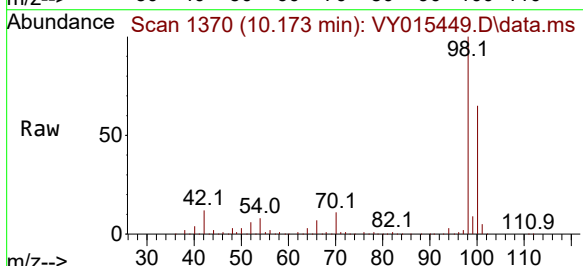
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

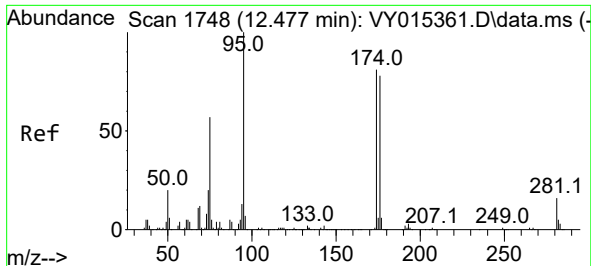
Tgt Ion:113 Resp: 103656
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 56.024 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015449.D
Acq: 06 Sep 2023 14:56

Tgt Ion: 98 Resp: 387638
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

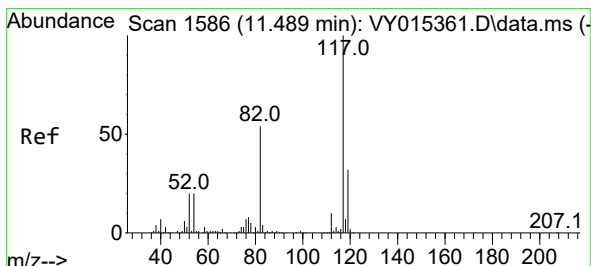
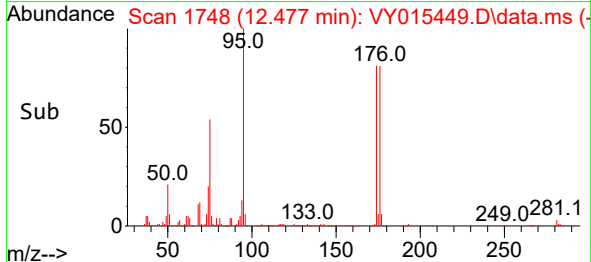
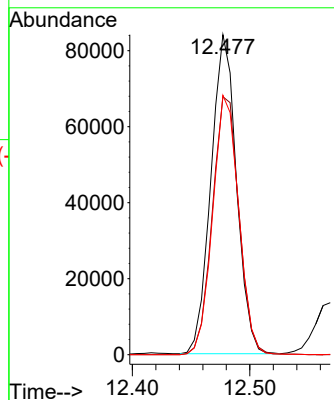
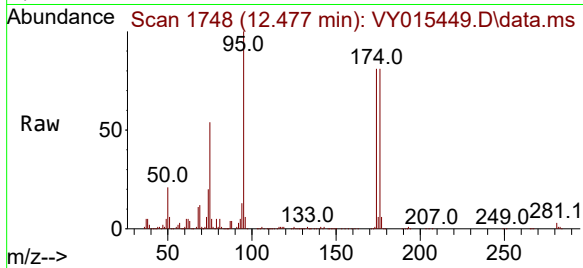




#62
4-Bromofluorobenzene
Concen: 49.362 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015449.D
Acq: 06 Sep 2023 14:56

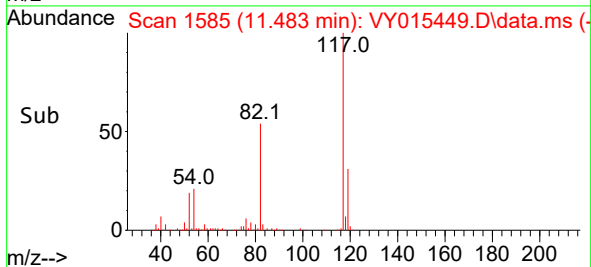
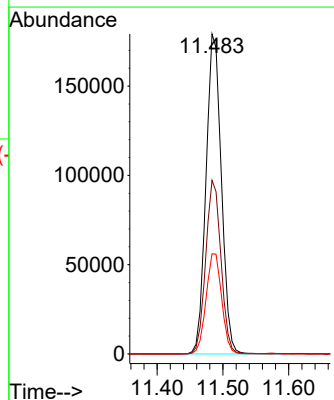
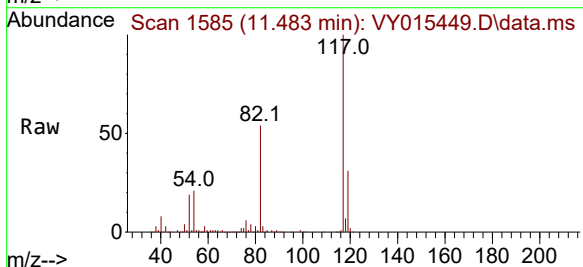
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

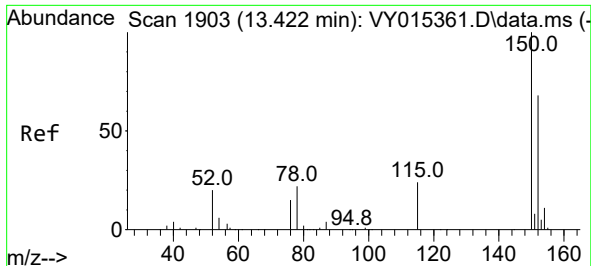
Tgt Ion: 95 Resp: 126792
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015449.D
Acq: 06 Sep 2023 14:56

Tgt Ion: 117 Resp: 291351
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.3 26.3 39.5

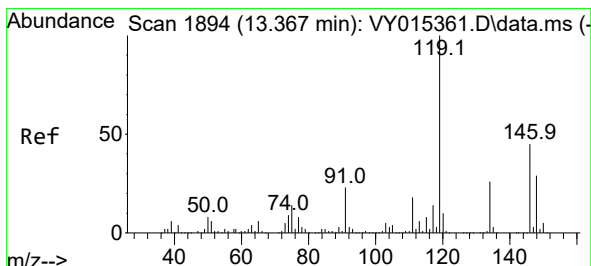
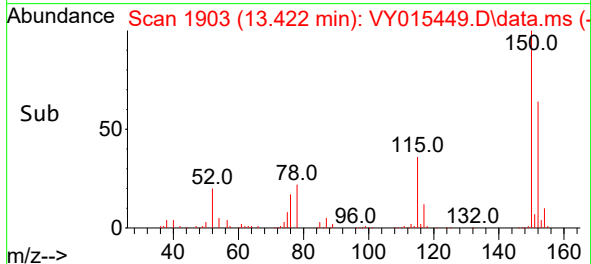
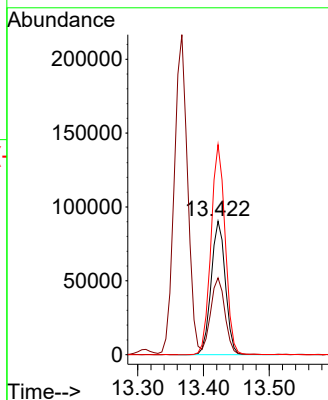
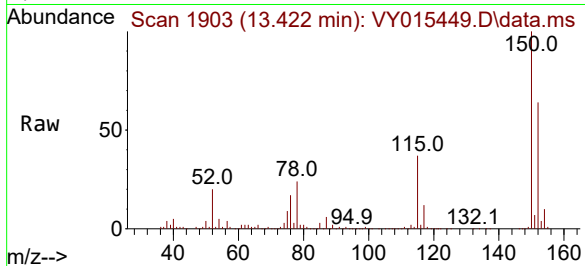




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015449.D
 Acq: 06 Sep 2023 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-9.5-10.0

Tgt Ion:152 Resp: 135954
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 157.5 0.0 348.8



#86
 p-Isopropyltoluene
 Concen: 418.467 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015449.D
 Acq: 06 Sep 2023 14:56

Tgt Ion:119 Resp: 3913662
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 24.3 12.4 37.4

