

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015454.D
 Acq On : 06 Sep 2023 17:13
 Operator : SY/MD
 Sample : 04299-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

Quant Time: Sep 06 19:01:04 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)

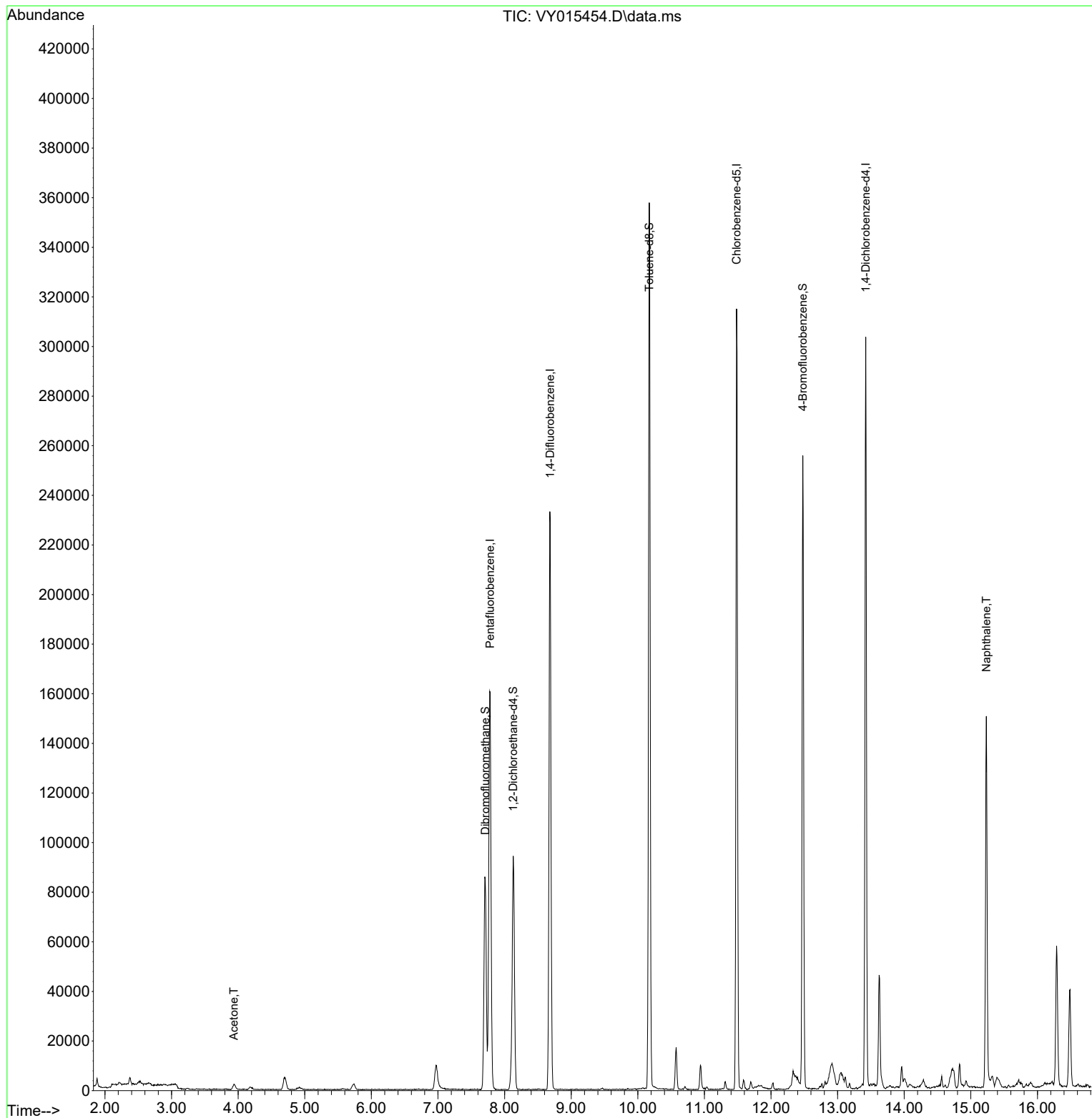
Internal Standards						
1) Pentafluorobenzene	7.783	168	128235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	170457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70607	51.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.710	113	61888	53.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.300%	
50) Toluene-d8	10.173	98	234001	55.489	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.980%	
62) 4-Bromofluorobenzene	12.477	95	74570	47.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.260%	
Target Compounds						Qvalue
16) Acetone	3.936	43	4020	7.006	ug/l	97
95) Naphthalene	15.233	128	121408	31.830	ug/l	99

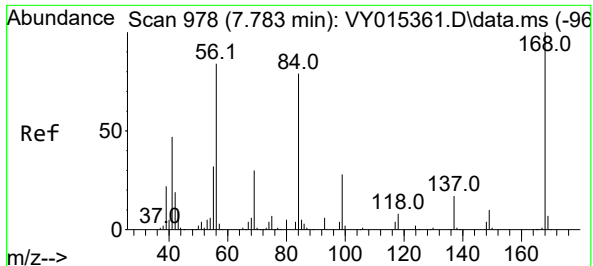
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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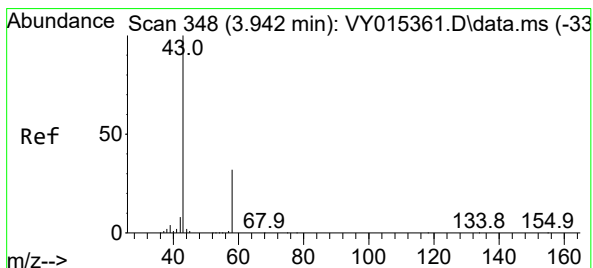
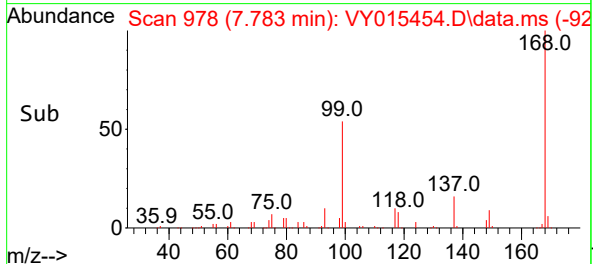
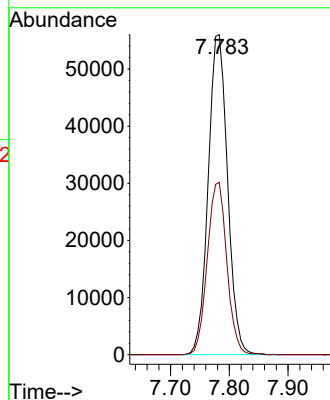
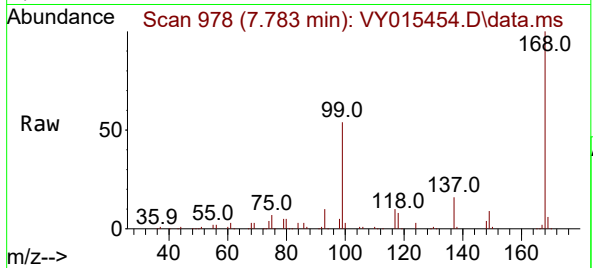




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015454.D
Acq: 06 Sep 2023 17:13

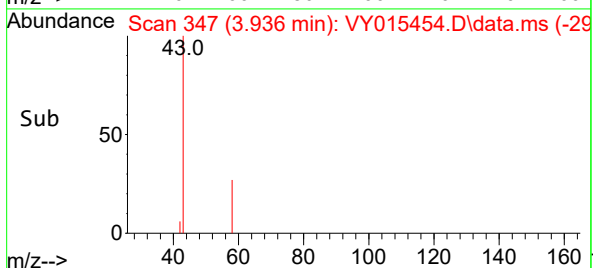
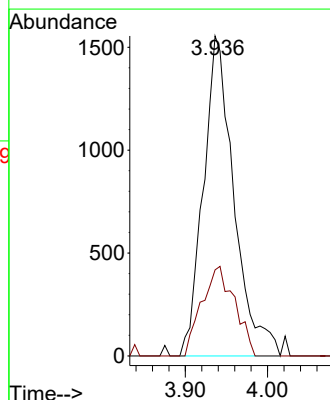
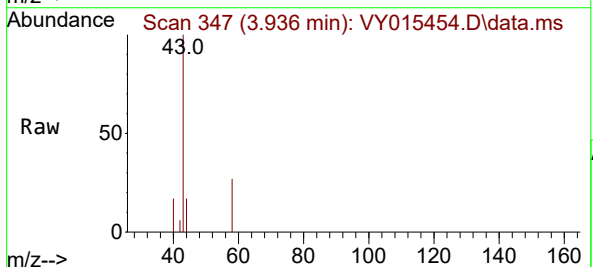
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

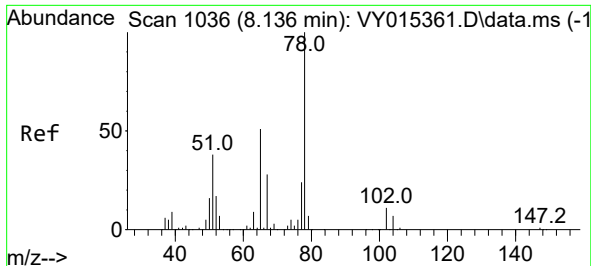
Tgt Ion:168 Resp: 128235
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 7.006 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015454.D
Acq: 06 Sep 2023 17:13

Tgt Ion: 43 Resp: 4020
Ion Ratio Lower Upper
43 100
58 26.9 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 51.363 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY015454.D

Acq: 06 Sep 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

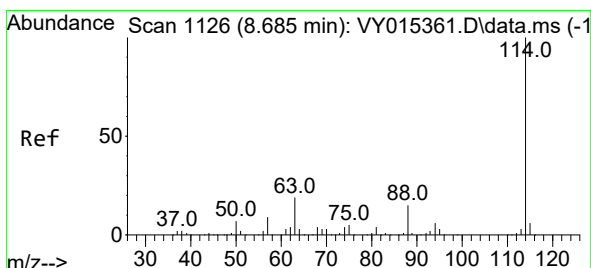
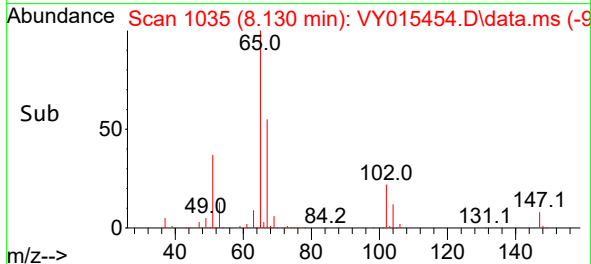
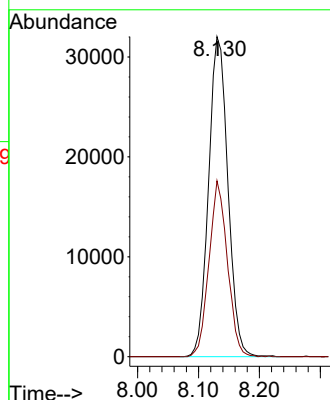
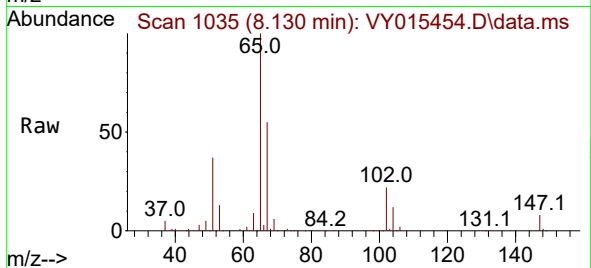
SB-01-9.5-10.0

Tgt Ion: 65 Resp: 70607

Ion Ratio Lower Upper

65 100

67 52.3 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: VY015454.D

Acq: 06 Sep 2023 17:13

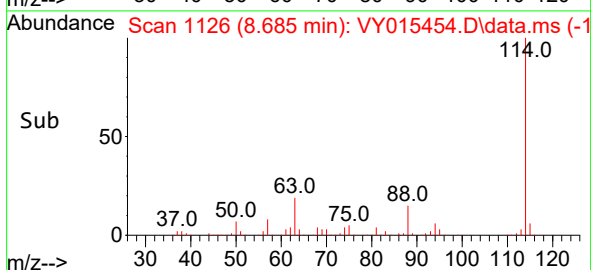
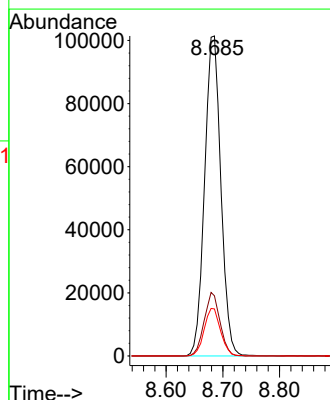
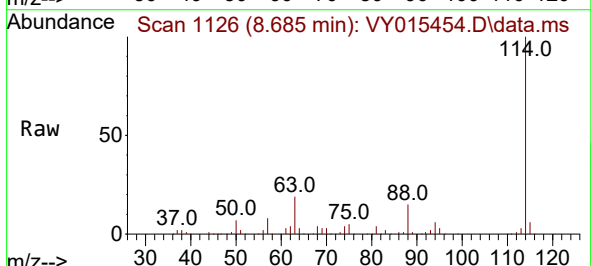
Tgt Ion: 114 Resp: 202177

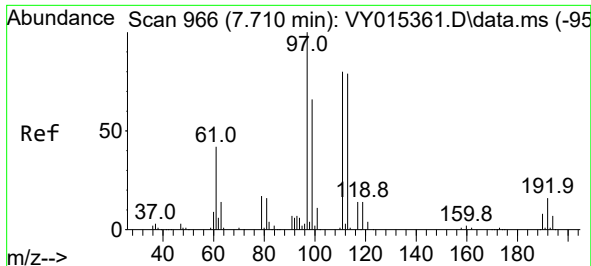
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.7 0.0 30.6

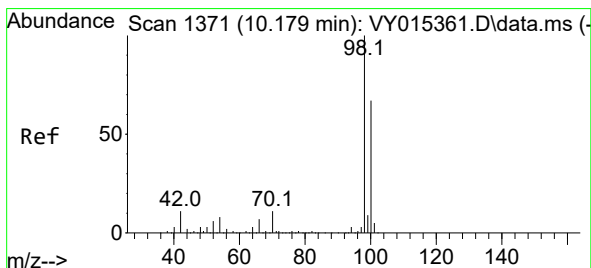
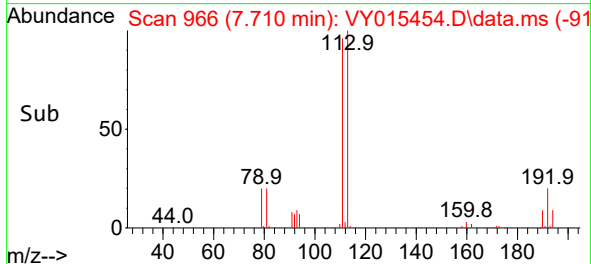
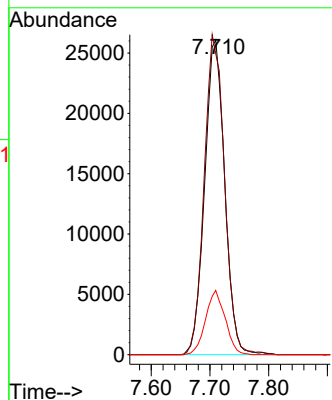
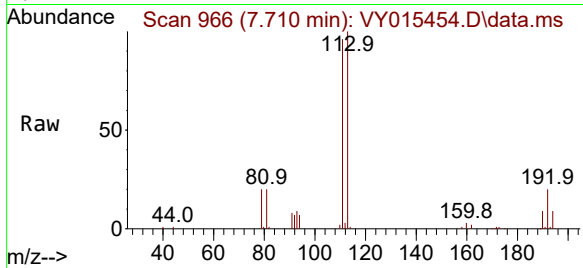




#35
Dibromofluoromethane
Concen: 53.146 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015454.D
Acq: 06 Sep 2023 17:13

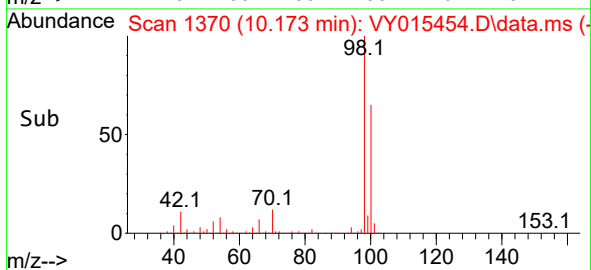
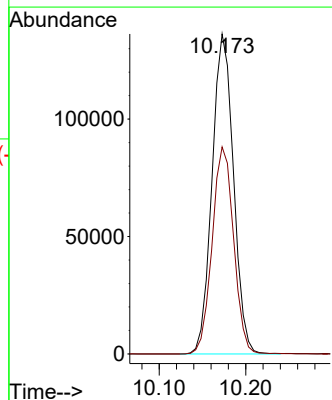
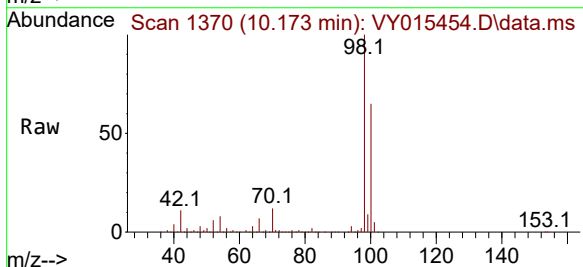
Instrument :
MSVOA_Y
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SB-01-9.5-10.0

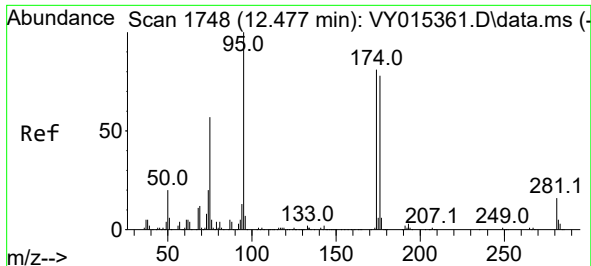
Tgt Ion:113 Resp: 61888
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 55.489 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015454.D
Acq: 06 Sep 2023 17:13

Tgt Ion: 98 Resp: 234001
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

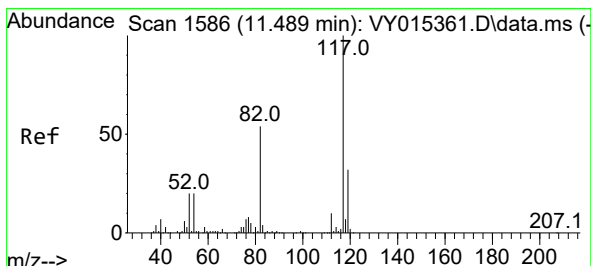
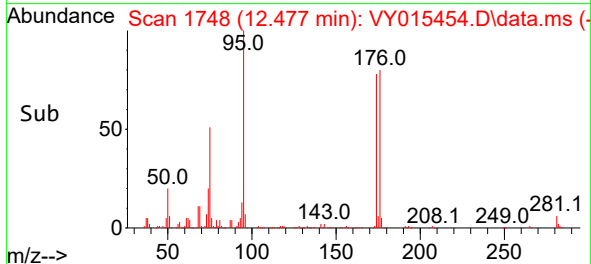
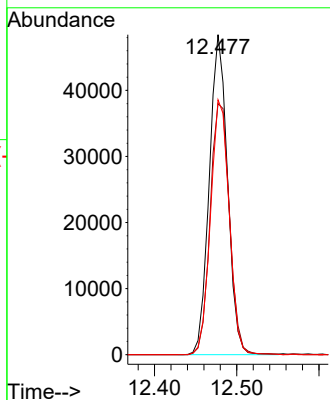
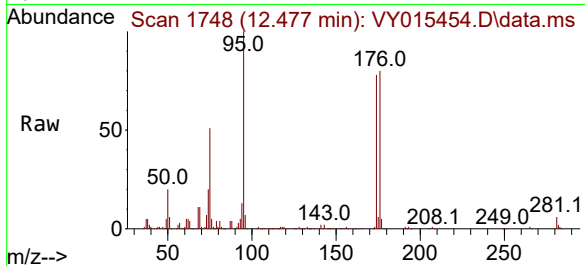




#62
4-Bromofluorobenzene
Concen: 47.632 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015454.D
Acq: 06 Sep 2023 17:13

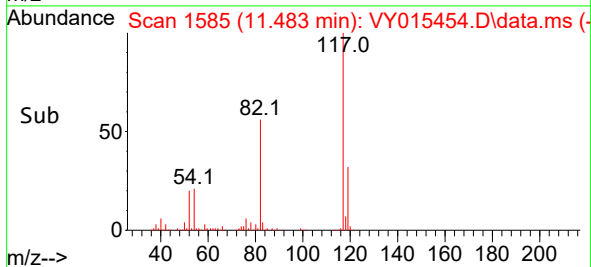
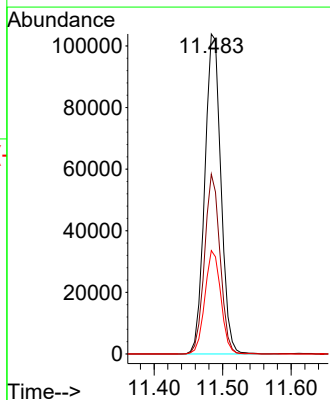
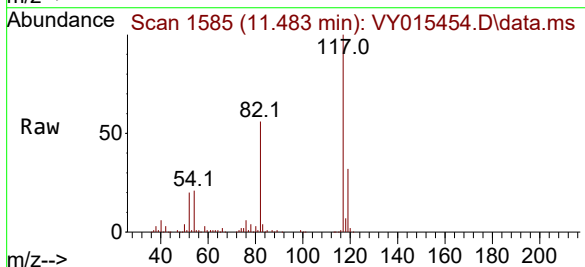
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

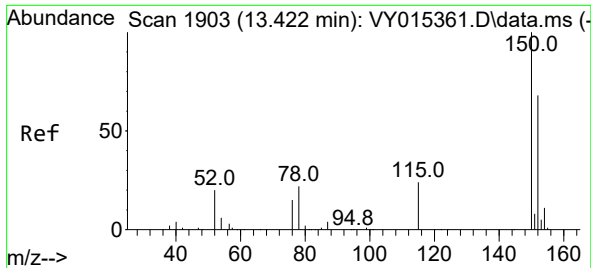
Tgt Ion: 95 Resp: 74570
Ion Ratio Lower Upper
95 100
174 83.3 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015454.D
Acq: 06 Sep 2023 17:13

Tgt Ion: 117 Resp: 170457
Ion Ratio Lower Upper
117 100
82 56.2 43.4 65.0
119 32.3 26.3 39.5

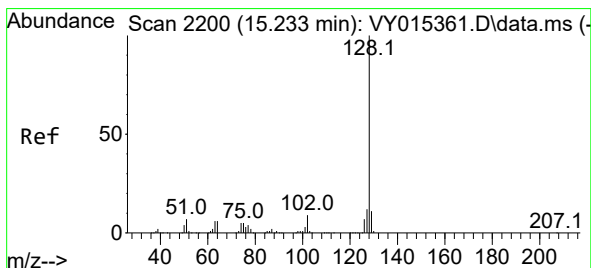
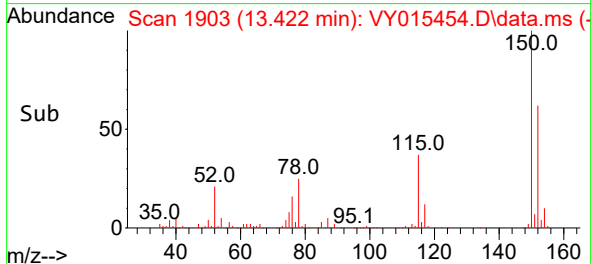
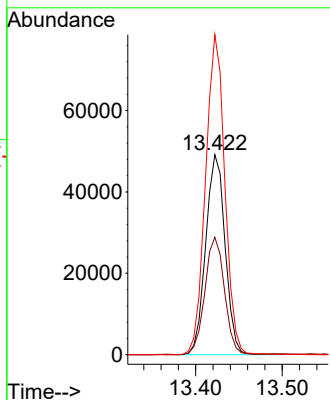
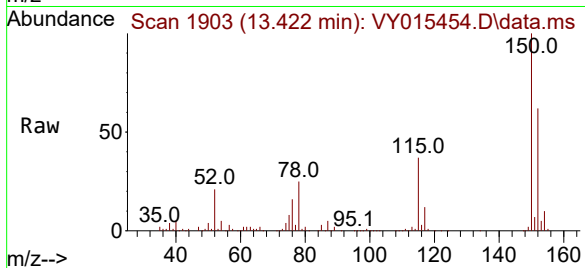




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015454.D
 Acq: 06 Sep 2023 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

Tgt Ion:152 Resp: 76498
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.8 86.5
 150 158.9 0.0 348.8



#95
 Naphthalene
 Concen: 31.830 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: VY015454.D
 Acq: 06 Sep 2023 17:13

Tgt Ion:128 Resp: 121408
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.8 16.2
 129 11.2 8.6 13.0

