

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013408.D
 Acq On : 24 Apr 2023 18:13
 Operator : KP/MD
 Sample : 02371-05RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-8.5-9.0RE

Quant Time: Apr 25 03:16:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

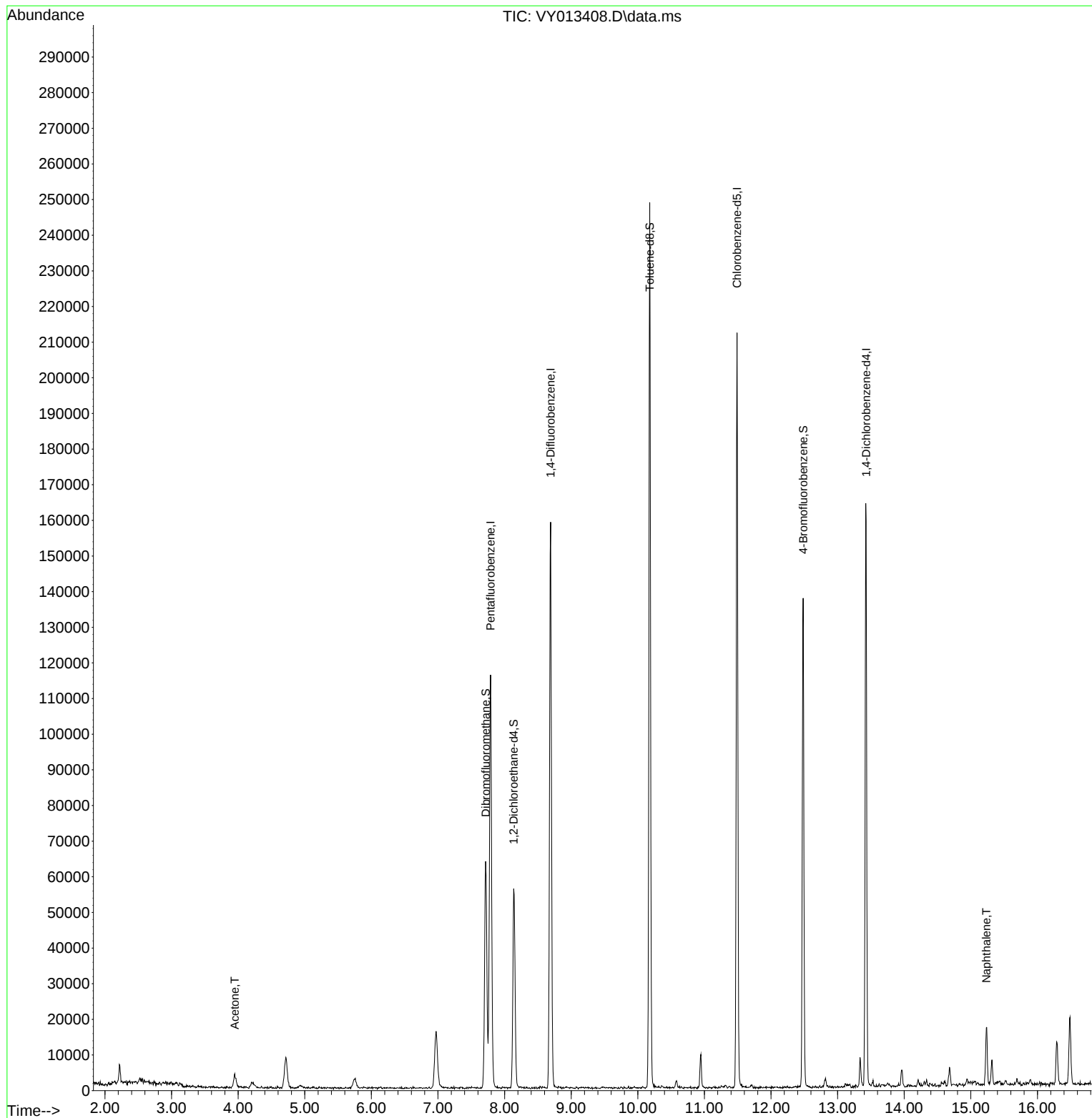
Internal Standards						
1) Pentafluorobenzene	7.789	168	86486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	131472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	109500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45217	47.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.380%
35) Dibromofluoromethane	7.716	113	44798	54.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.360%
50) Toluene-d8	10.179	98	155087	52.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.483	95	39729	40.062	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.120%
Target Compounds						
16) Acetone	3.948	43	6139	16.442	ug/l	93
95) Naphthalene	15.233	128	13801	7.880	ug/l	97

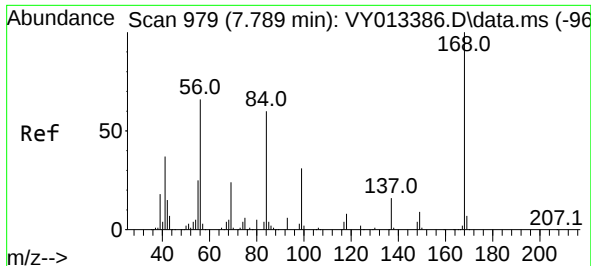
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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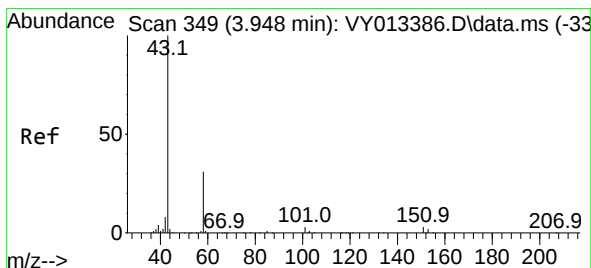
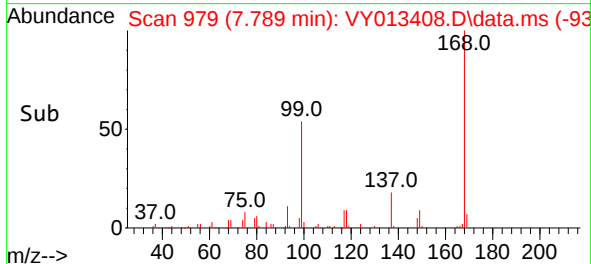
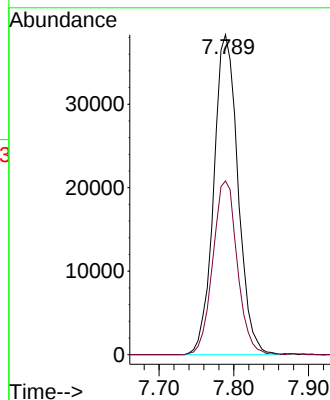
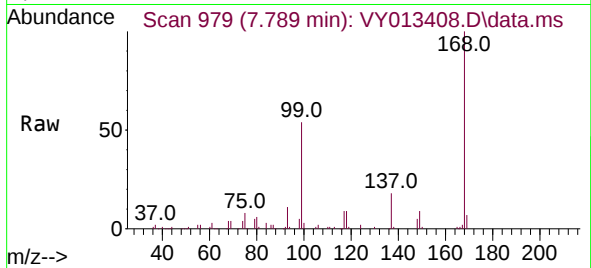




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013408.D
Acq: 24 Apr 2023 18:13

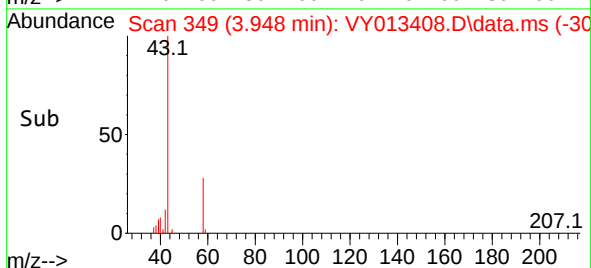
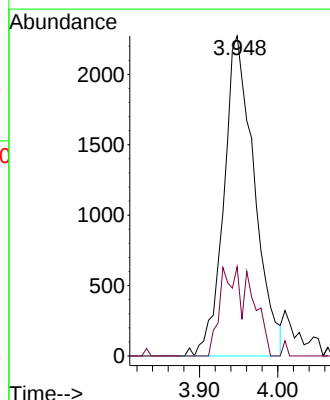
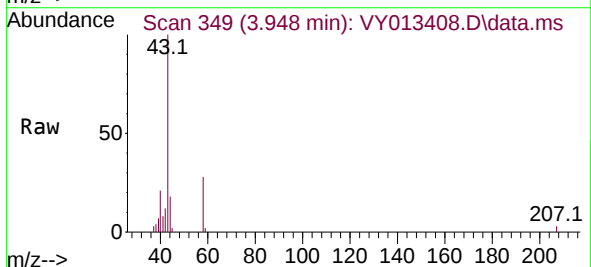
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0RE

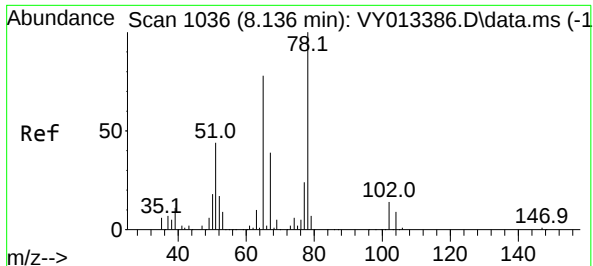
Tgt Ion:168 Resp: 86486
Ion Ratio Lower Upper
168 100
99 54.3 41.8 62.6



#16
Acetone
Concen: 16.442 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013408.D
Acq: 24 Apr 2023 18:13

Tgt Ion: 43 Resp: 6139
Ion Ratio Lower Upper
43 100
58 27.9 25.4 38.0

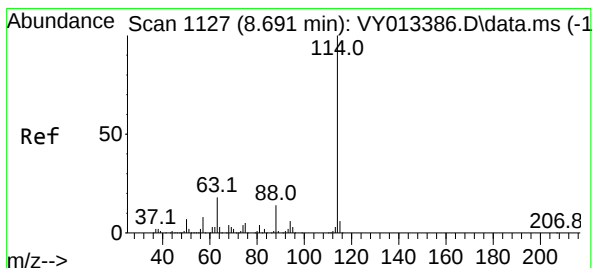
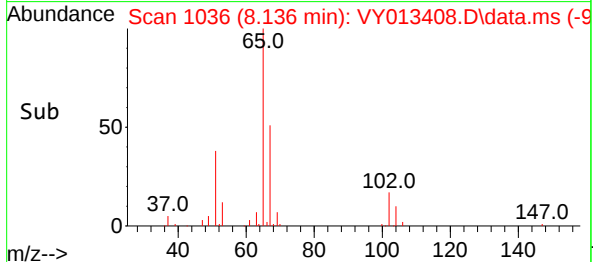
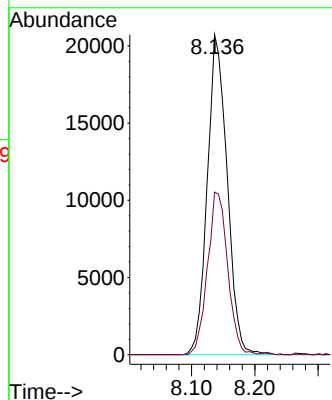
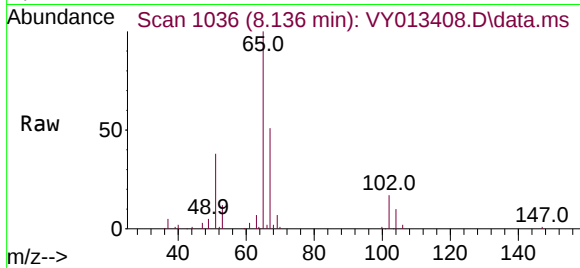




#33
 1,2-Dichloroethane-d4
 Concen: 47.693 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013408.D
 Acq: 24 Apr 2023 18:13

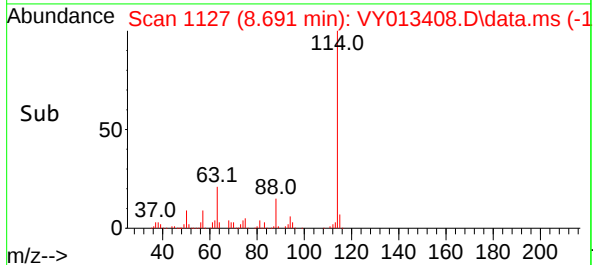
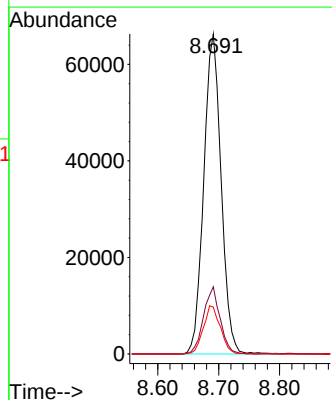
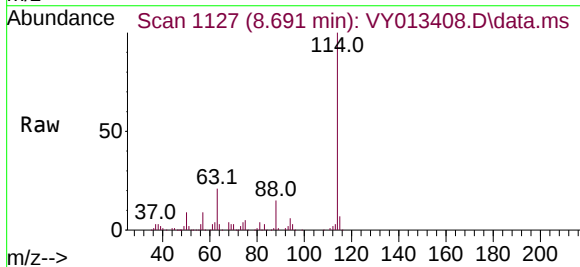
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-8.5-9.0RE

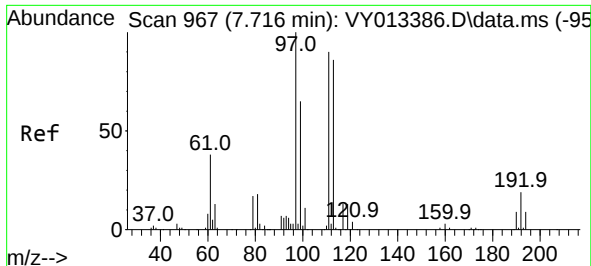
Tgt Ion: 65 Resp: 45217
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013408.D
 Acq: 24 Apr 2023 18:13

Tgt Ion: 114 Resp: 131472
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 36.6
 88 14.6 0.0 28.8

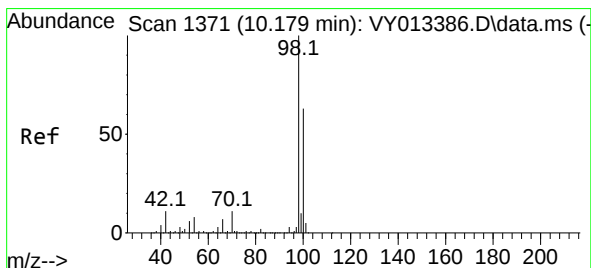
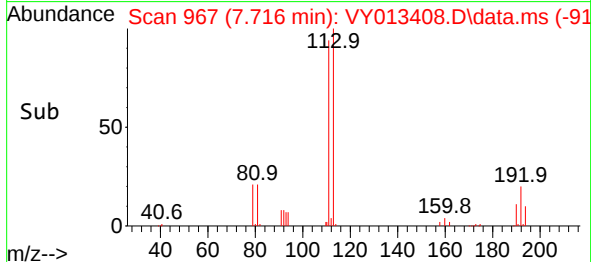
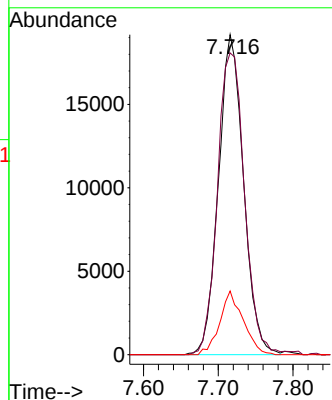
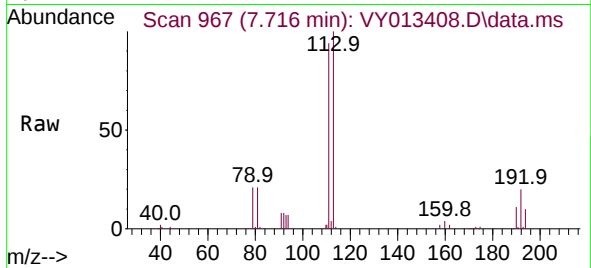




#35
Dibromofluoromethane
Concen: 54.176 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013408.D
Acq: 24 Apr 2023 18:13

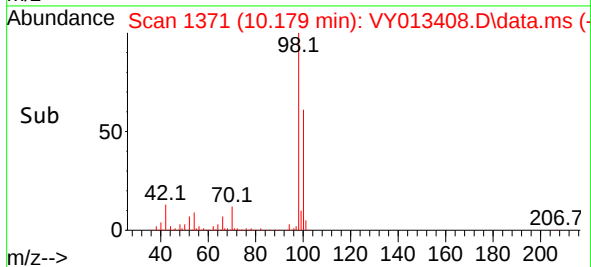
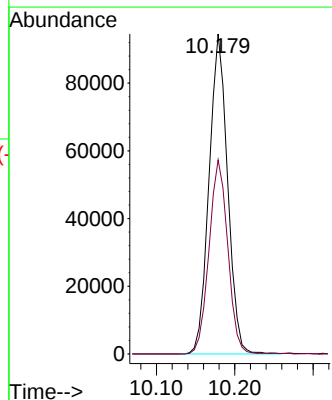
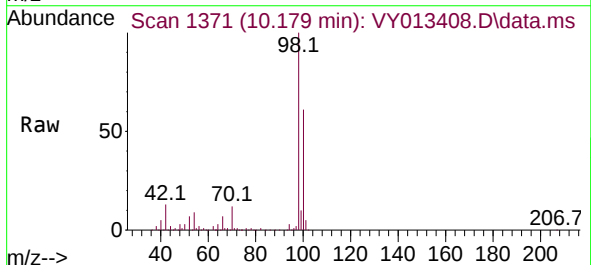
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0RE

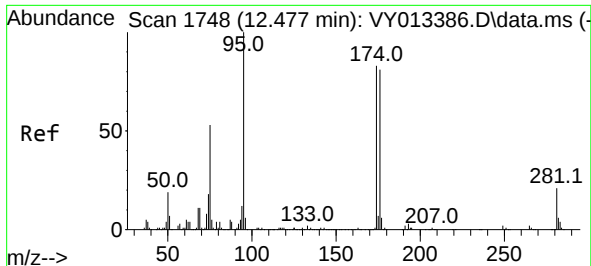
Tgt Ion:113 Resp: 44798
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 18.6 16.7 25.1



#50
Toluene-d8
Concen: 52.722 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013408.D
Acq: 24 Apr 2023 18:13

Tgt Ion: 98 Resp: 155087
Ion Ratio Lower Upper
98 100
100 61.5 50.5 75.7

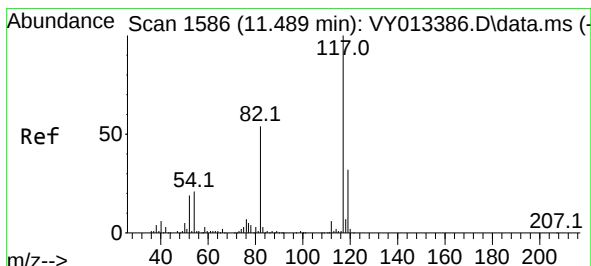
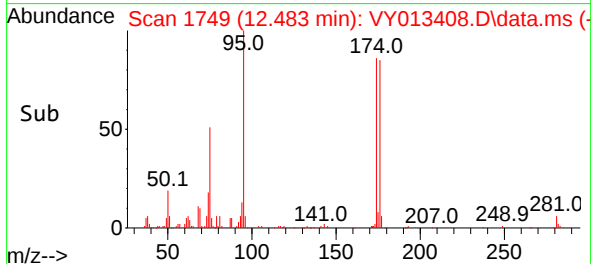
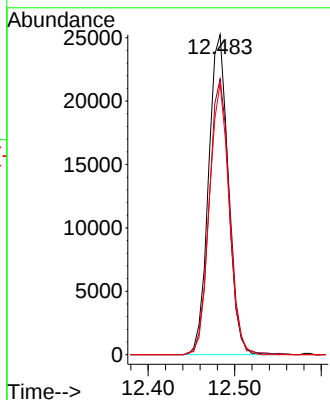
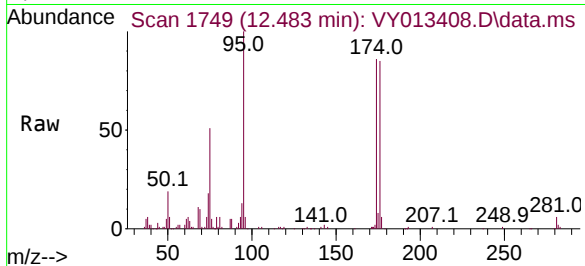




#62
4-Bromofluorobenzene
Concen: 40.062 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013408.D
Acq: 24 Apr 2023 18:13

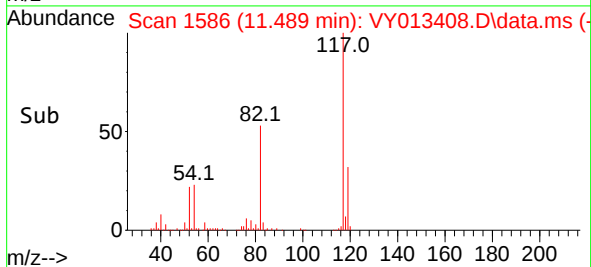
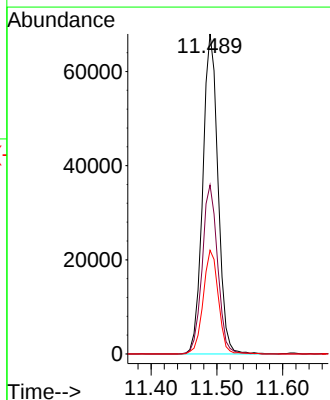
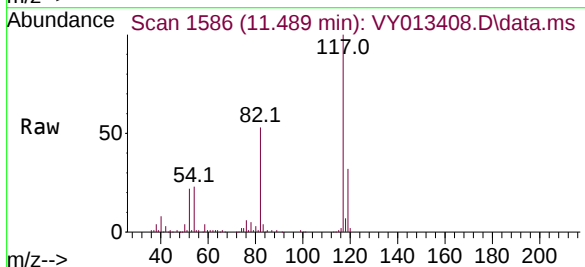
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0RE

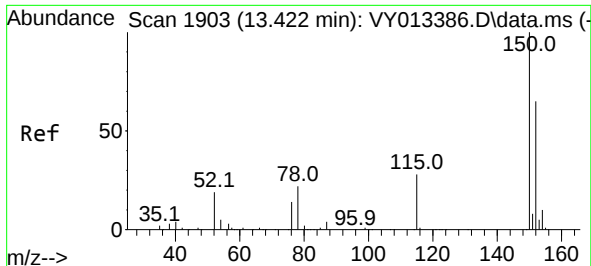
Tgt Ion: 95 Resp: 39729
Ion Ratio Lower Upper
95 100
174 89.6 0.0 182.0
176 85.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013408.D
Acq: 24 Apr 2023 18:13

Tgt Ion: 117 Resp: 109500
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.6
119 32.4 25.5 38.3

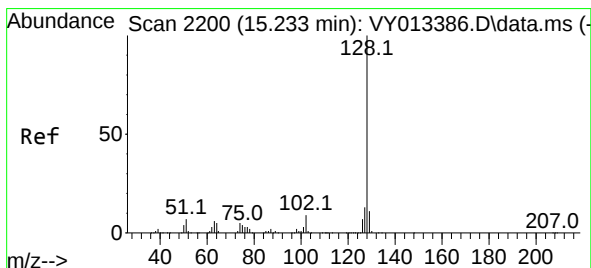
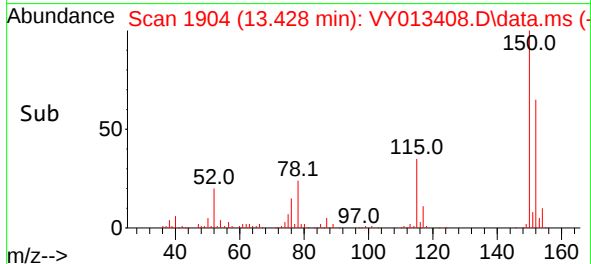
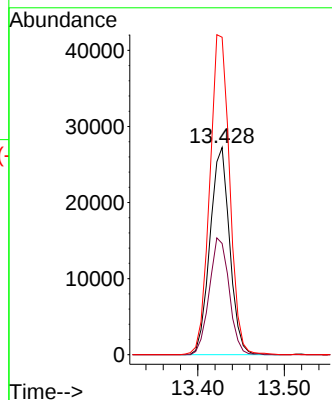
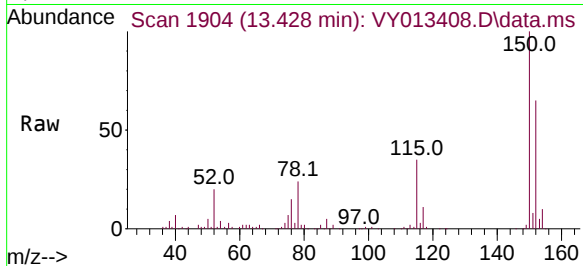




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013408.D
 Acq: 24 Apr 2023 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-8.5-9.0RE

Tgt Ion:152 Resp: 42939
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.1 84.2
 150 155.8 0.0 352.0



#95
 Naphthalene
 Concen: 7.880 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. -0.000 min
 Lab File: VY013408.D
 Acq: 24 Apr 2023 18:13

Tgt Ion:128 Resp: 13801
 Ion Ratio Lower Upper
 128 100
 127 15.1 10.7 16.1
 129 10.4 8.8 13.2

