

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013169.D
 Acq On : 03 Apr 2023 12:38
 Operator : KP/MD
 Sample : 02136-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-033023

Quant Time: Apr 03 23:07:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

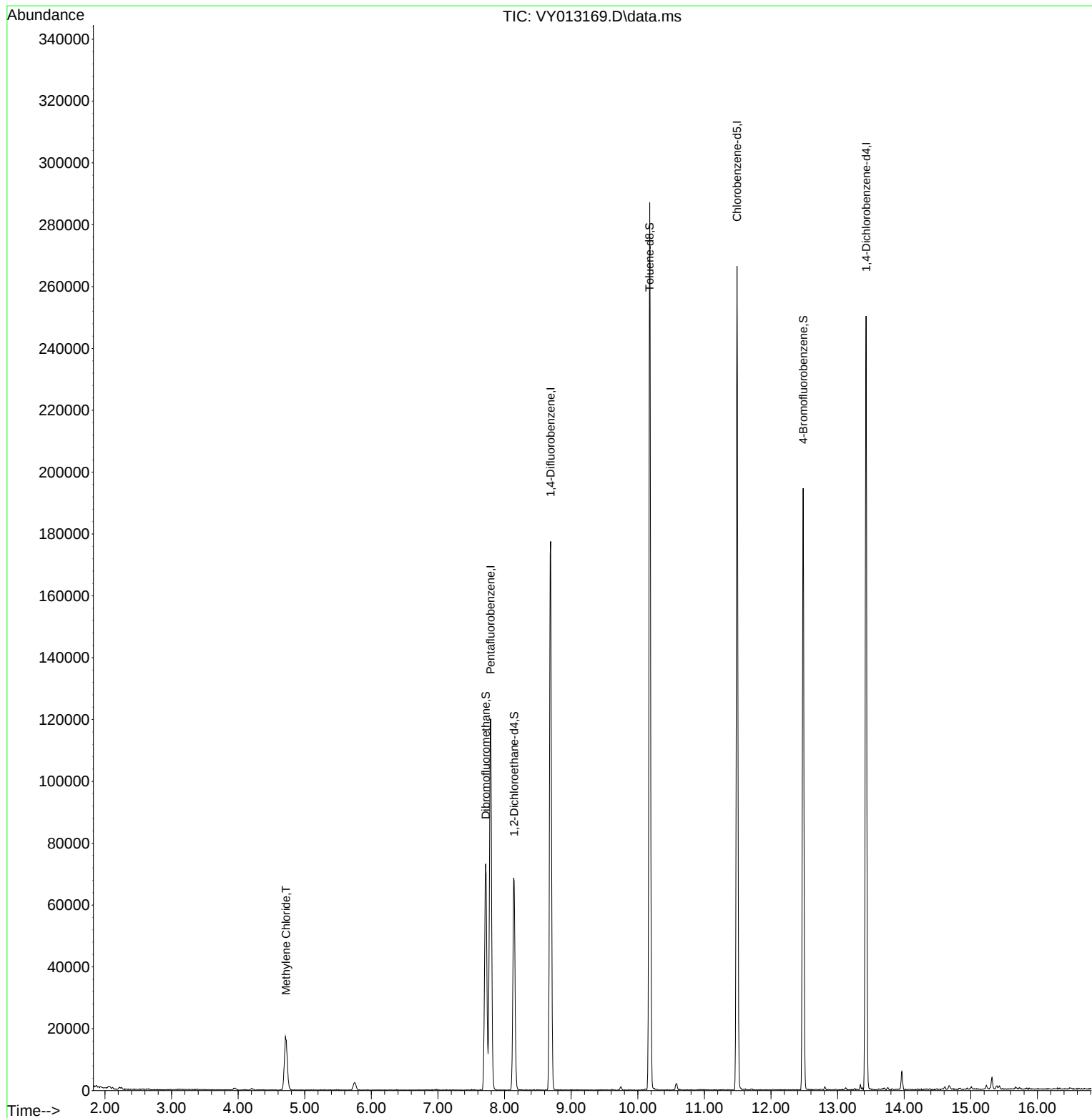
Internal Standards						
1) Pentafluorobenzene	7.789	168	97701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55642	52.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.980%
35) Dibromofluoromethane	7.716	113	51274	50.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.179	98	182776	47.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.483	95	57495	46.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.160%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	13050	7.174	ug/l	91

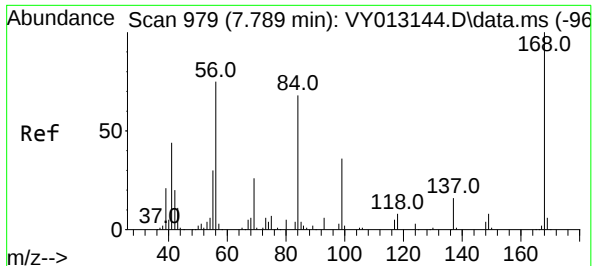
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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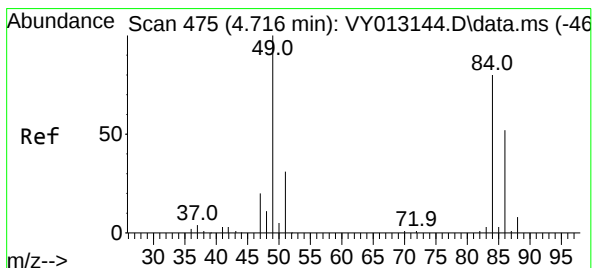
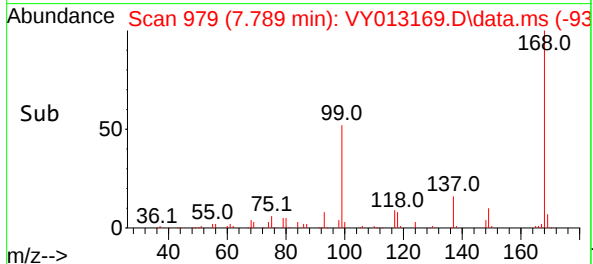
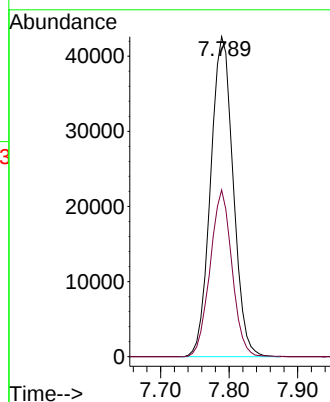
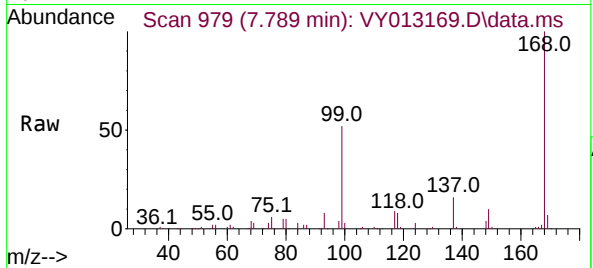




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

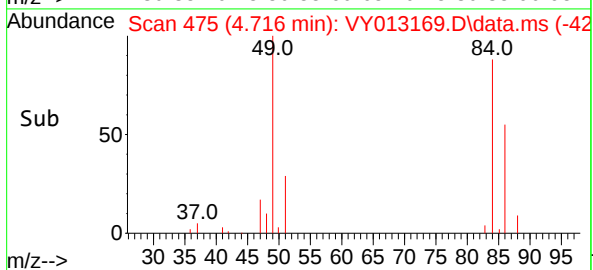
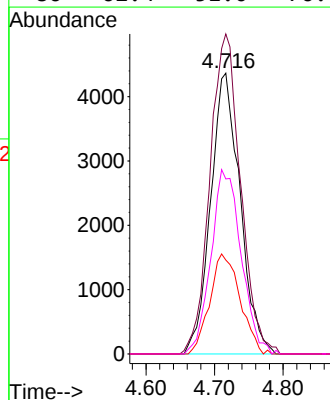
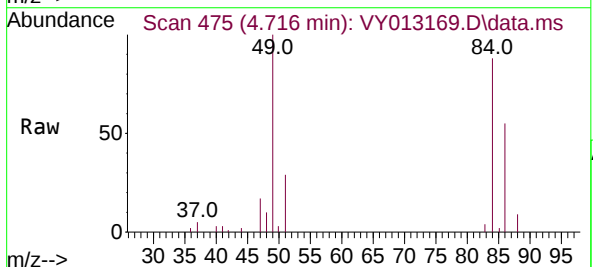
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

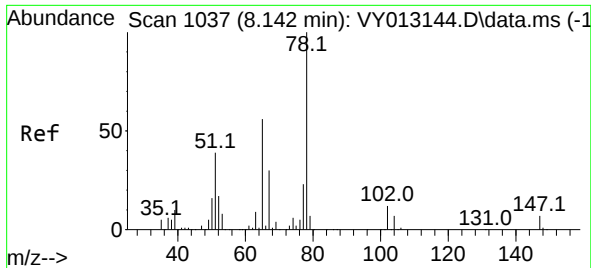
Tgt Ion:168 Resp: 97701
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#20
Methylene Chloride
Concen: 7.174 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Tgt Ion: 84 Resp: 13050
Ion Ratio Lower Upper
84 100
49 114.0 102.6 154.0
51 33.4 31.9 47.9
86 62.4 51.0 76.6

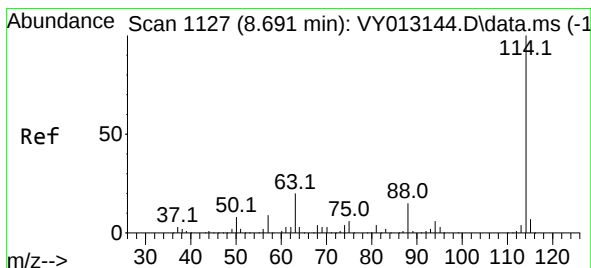
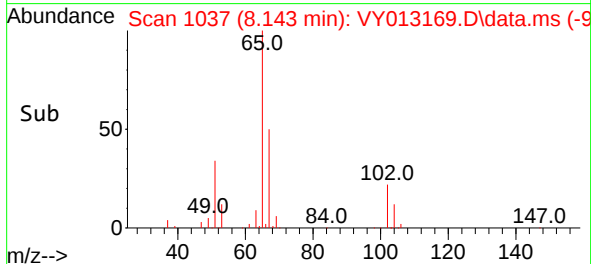
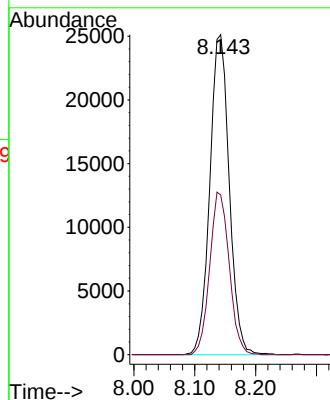
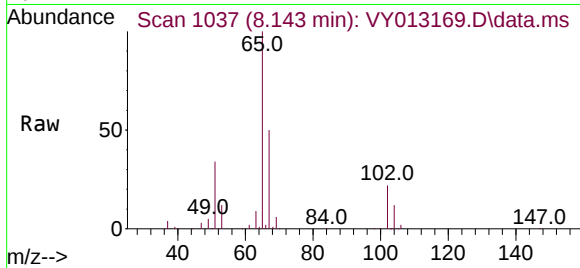




#33
 1,2-Dichloroethane-d4
 Concen: 52.994 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY013169.D
 Acq: 03 Apr 2023 12:38

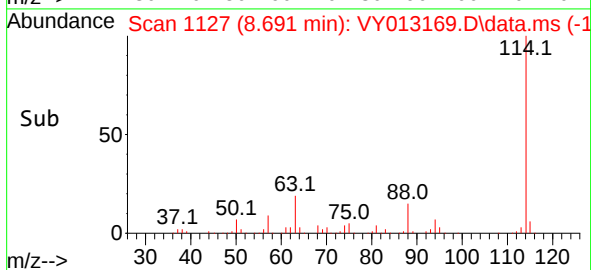
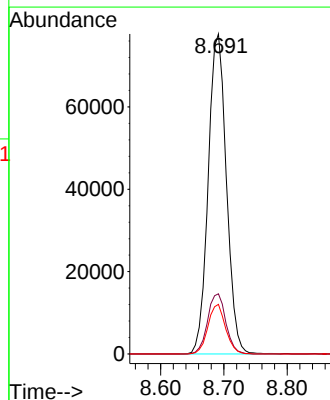
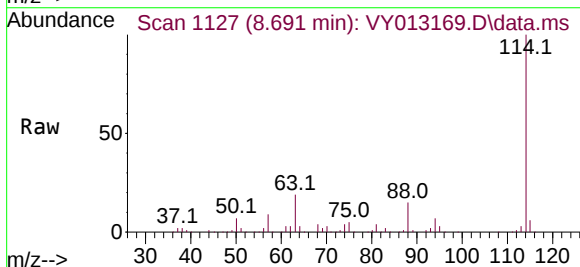
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-033023

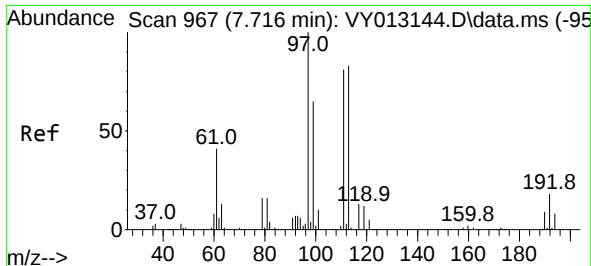
Tgt Ion: 65 Resp: 55642
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013169.D
 Acq: 03 Apr 2023 12:38

Tgt Ion: 114 Resp: 155432
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 15.5 0.0 28.6

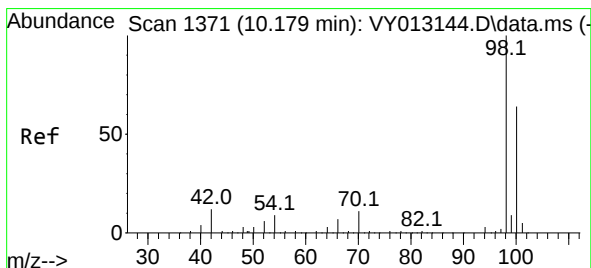
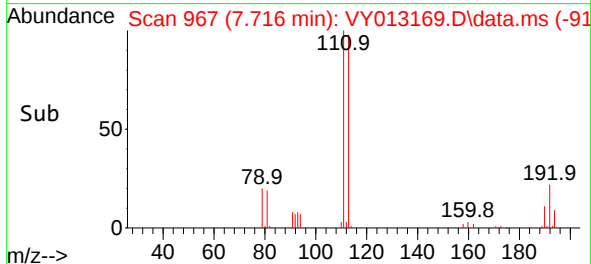
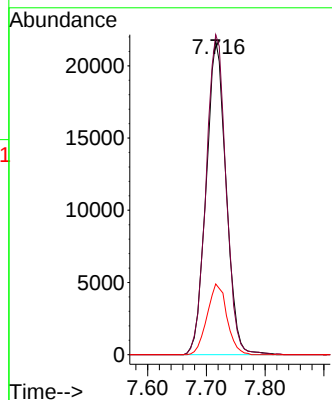
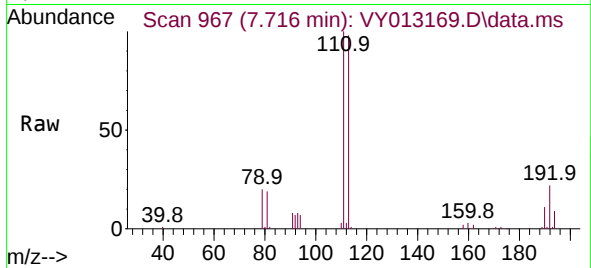




#35
Dibromofluoromethane
Concen: 50.497 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

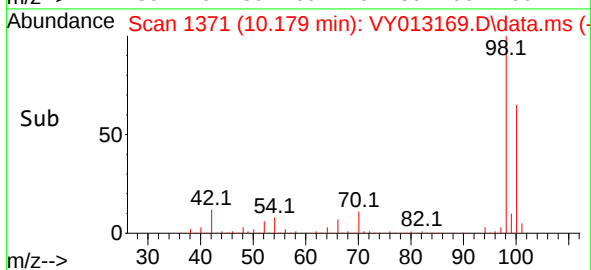
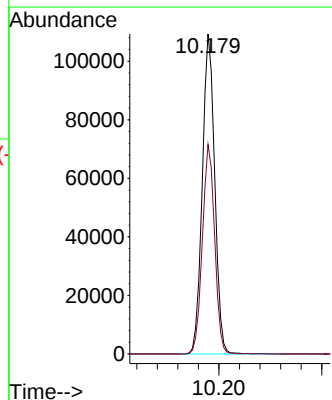
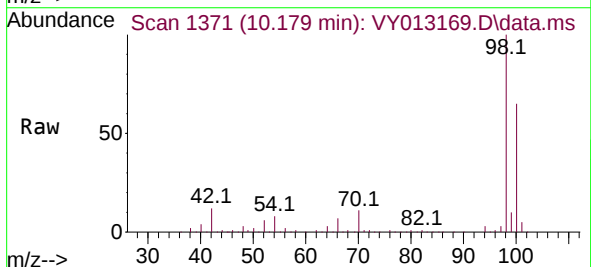
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

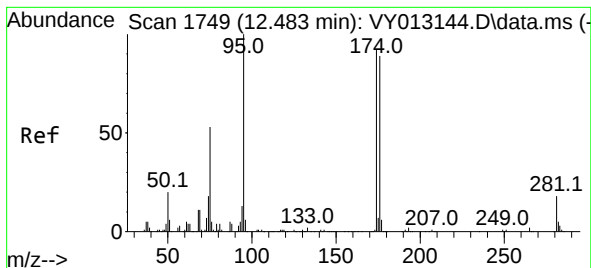
Tgt Ion:113 Resp: 51274
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 22.4 16.8 25.2



#50
Toluene-d8
Concen: 47.682 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Tgt Ion: 98 Resp: 182776
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

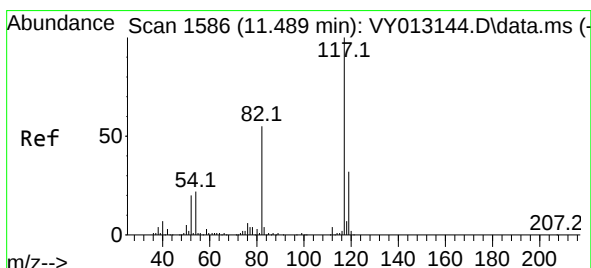
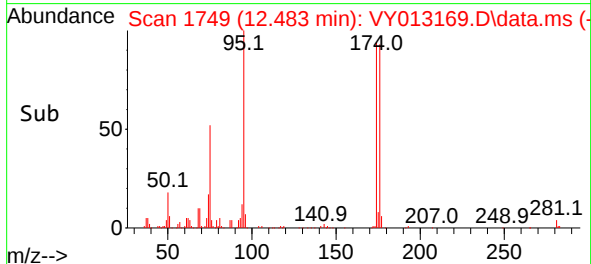
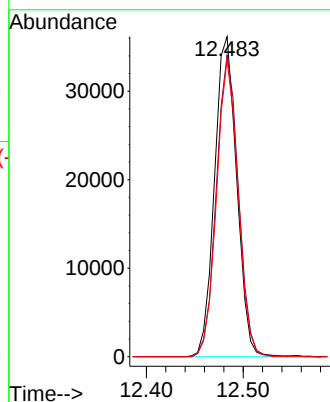
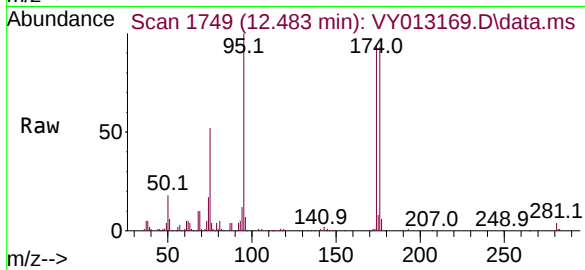




#62
4-Bromofluorobenzene
Concen: 46.080 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

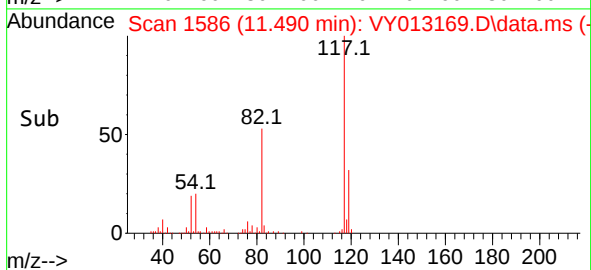
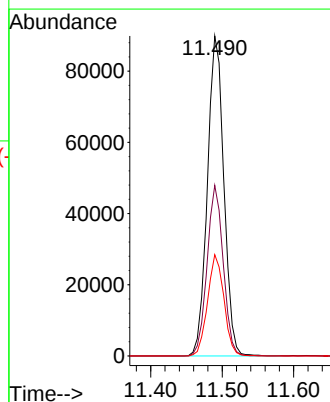
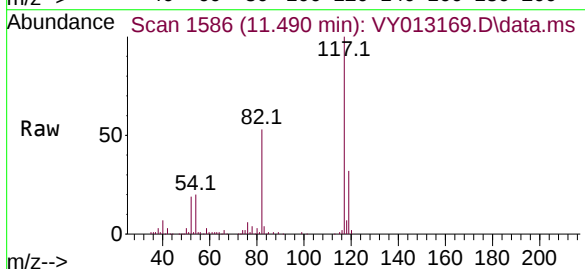
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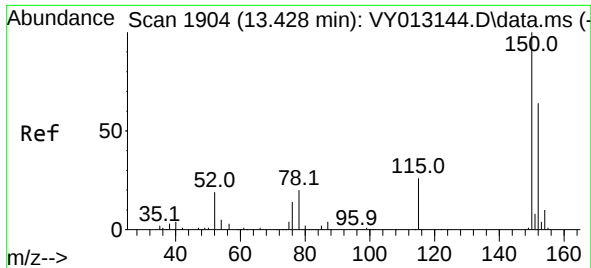
Tgt Ion: 95 Resp: 57495
Ion Ratio Lower Upper
95 100
174 93.8 0.0 176.6
176 89.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Tgt Ion: 117 Resp: 143884
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 31.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013169.D

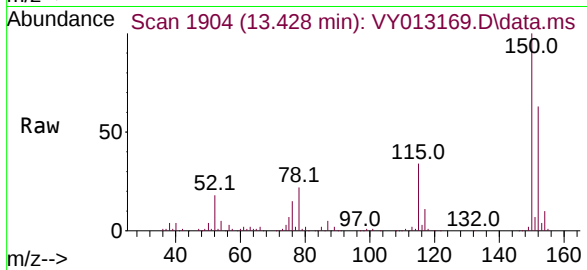
Acq: 03 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-033023



Tgt Ion:152 Resp: 66721

Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 158.3 0.0 347.8

