

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013644.D
 Acq On : 08 May 2023 13:15
 Operator : KP/MD
 Sample : 02588-04
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-C-0-3-05012023

Quant Time: May 08 14:44:17 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)

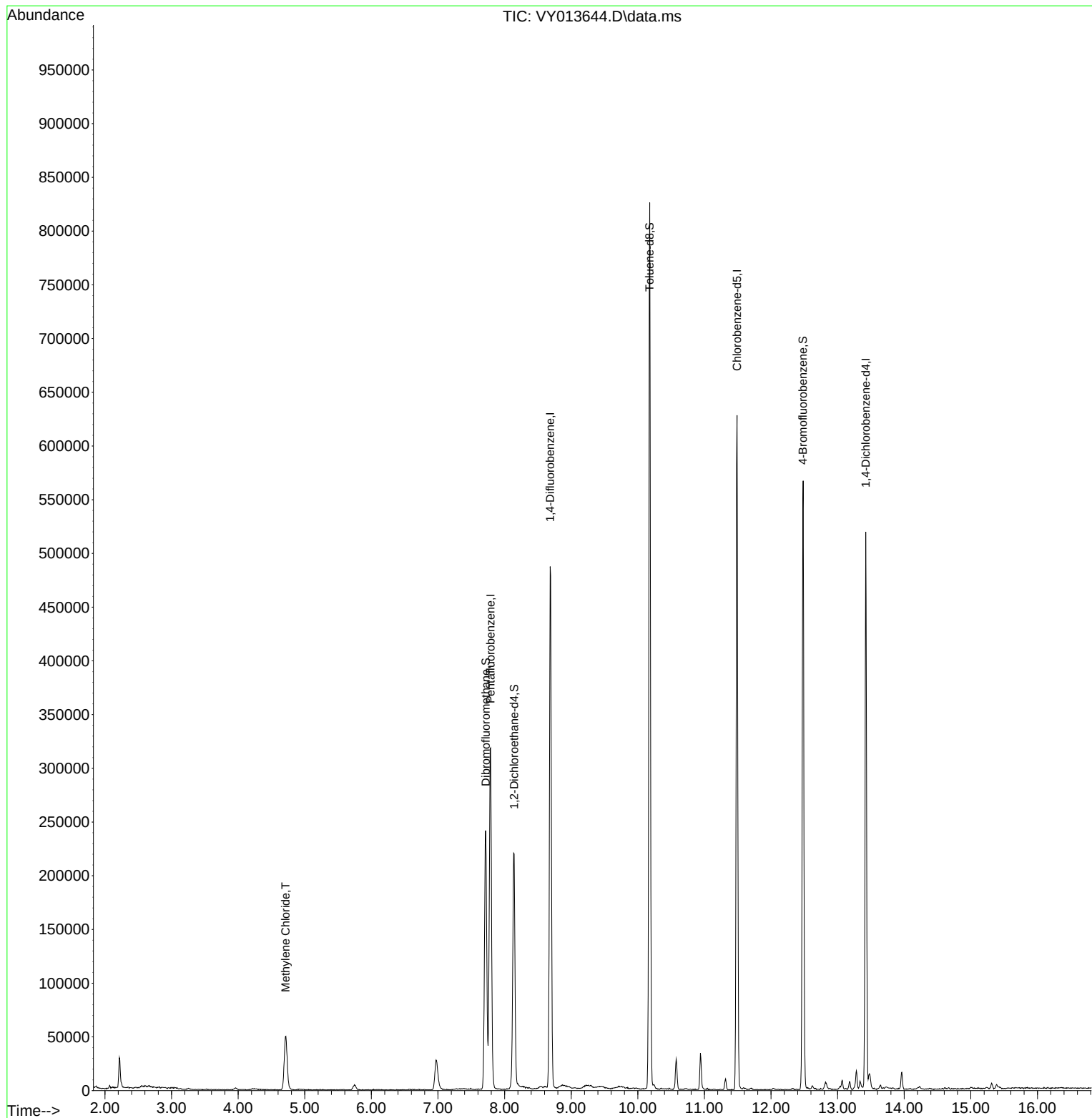
Internal Standards						
1) Pentafluorobenzene	7.789	168	253392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	180104	64.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.680%	
35) Dibromofluoromethane	7.716	113	166609	65.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.080%	
50) Toluene-d8	10.179	98	519316	56.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.960%	
62) 4-Bromofluorobenzene	12.477	95	153776	50.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.100%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	37120	3.272	ug/l	90

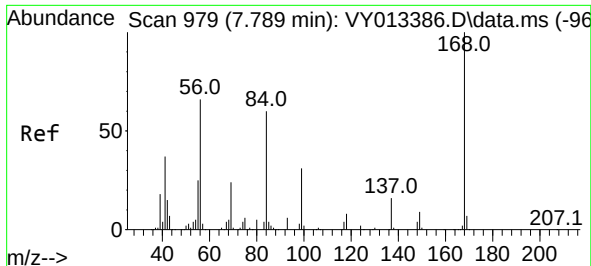
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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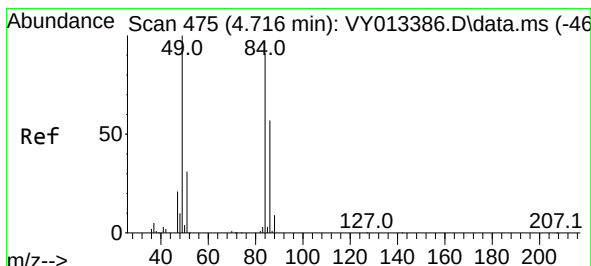
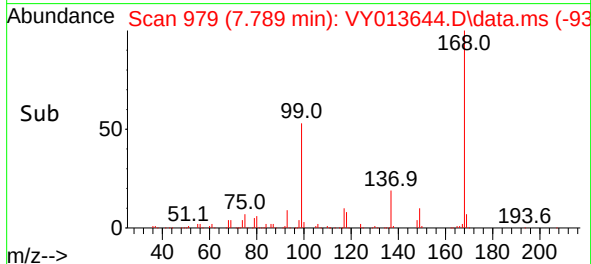
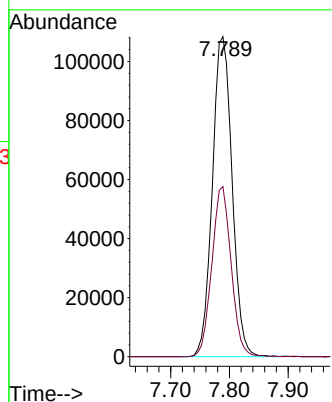
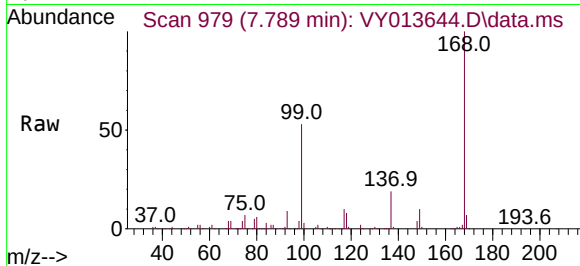




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013644.D
Acq: 08 May 2023 13:15

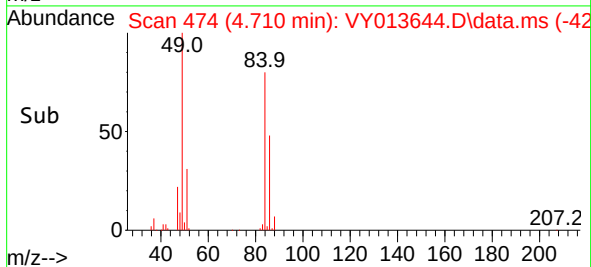
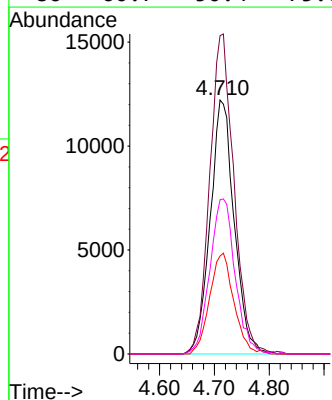
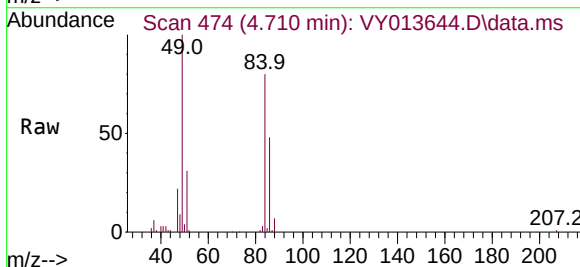
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-C-0-3-05012023

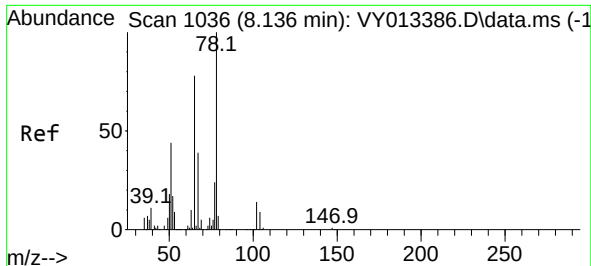
Tgt Ion:168 Resp: 253392
Ion Ratio Lower Upper
168 100
99 53.2 41.8 62.6



#20
Methylene Chloride
Concen: 3.272 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013644.D
Acq: 08 May 2023 13:15

Tgt Ion: 84 Resp: 37120
Ion Ratio Lower Upper
84 100
49 125.4 88.0 132.0
51 38.6 27.4 41.0
86 60.7 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 64.838 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013644.D

Acq: 08 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

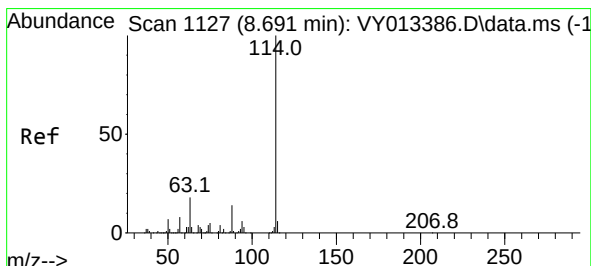
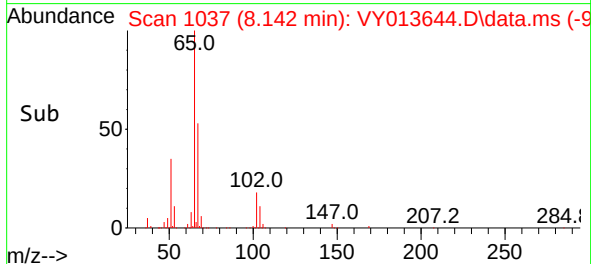
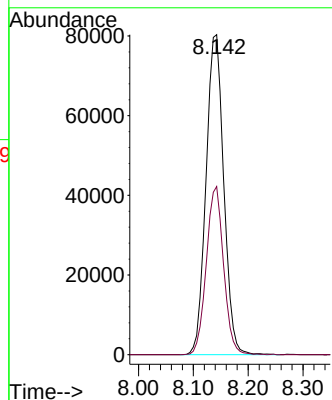
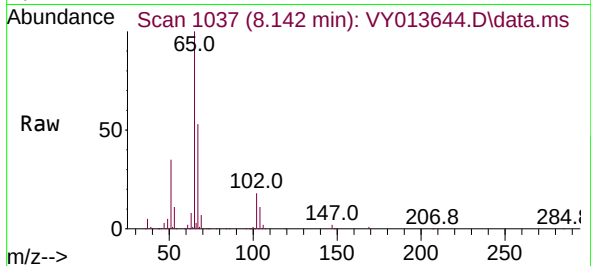
ZONE-C-0-3-05012023

Tgt Ion: 65 Resp: 180104

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013644.D

Acq: 08 May 2023 13:15

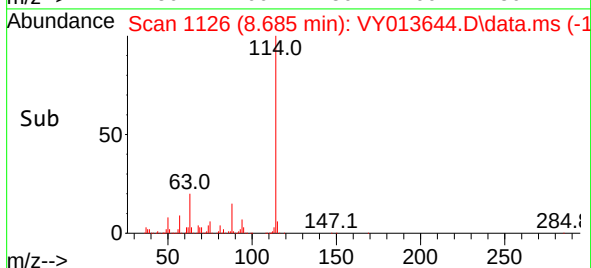
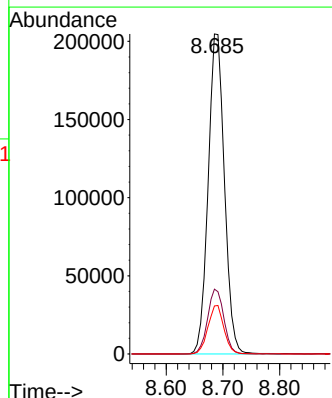
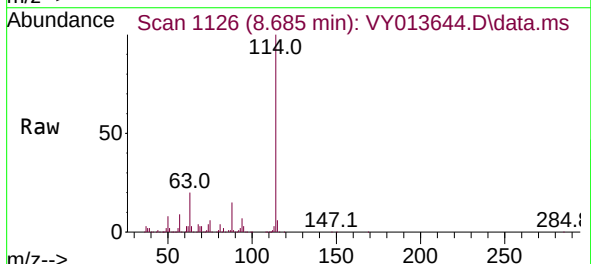
Tgt Ion: 114 Resp: 407316

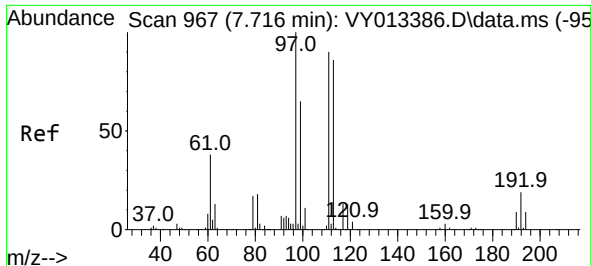
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 15.0 0.0 28.8

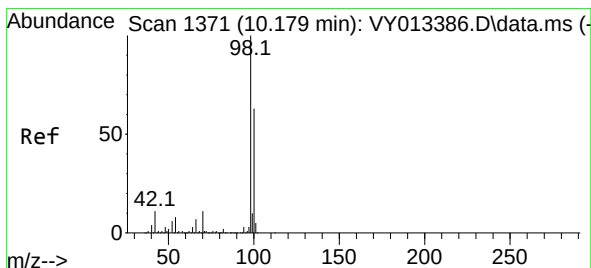
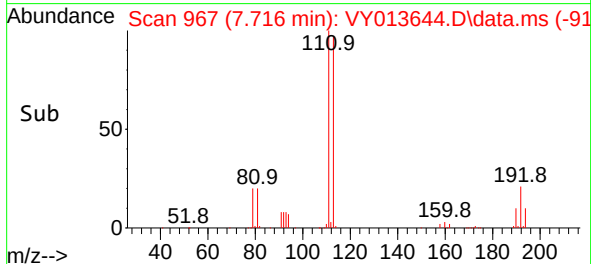
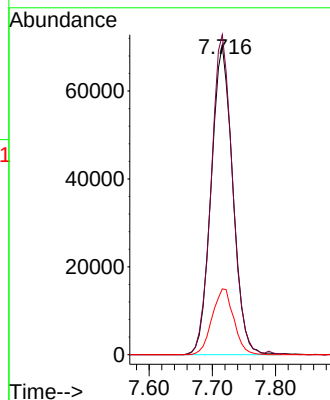
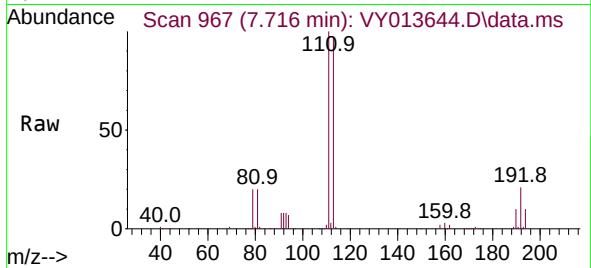




#35
Dibromofluoromethane
Concen: 65.035 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013644.D
Acq: 08 May 2023 13:15

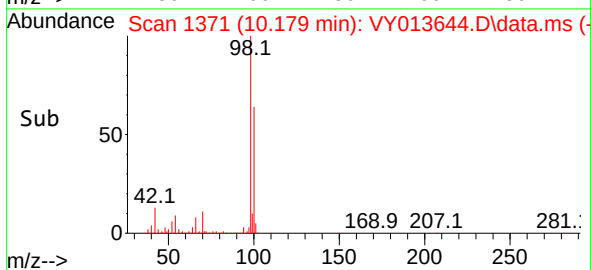
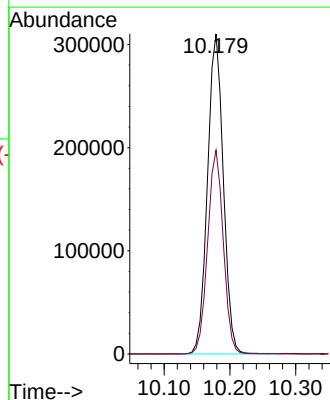
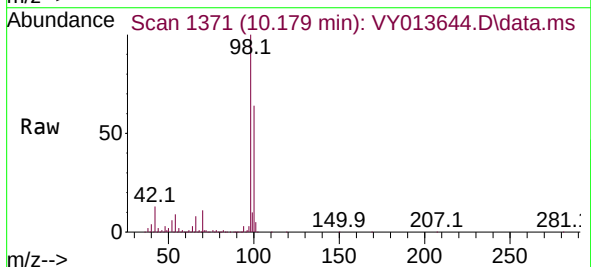
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-C-0-3-05012023

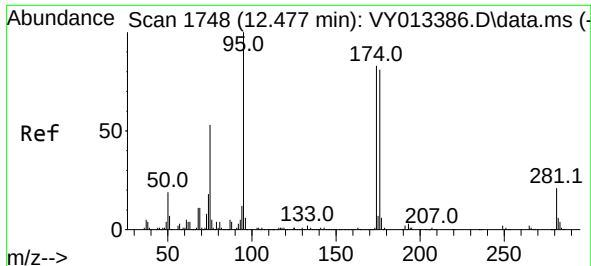
Tgt Ion:113 Resp: 166609
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 21.3 16.7 25.1



#50
Toluene-d8
Concen: 56.983 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013644.D
Acq: 08 May 2023 13:15

Tgt Ion: 98 Resp: 519316
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

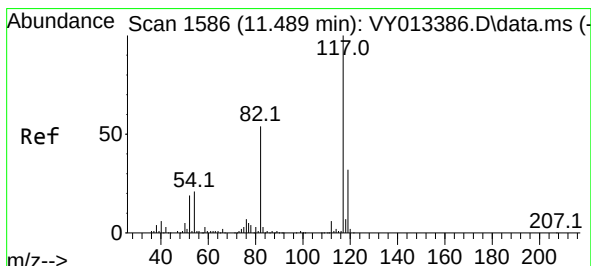
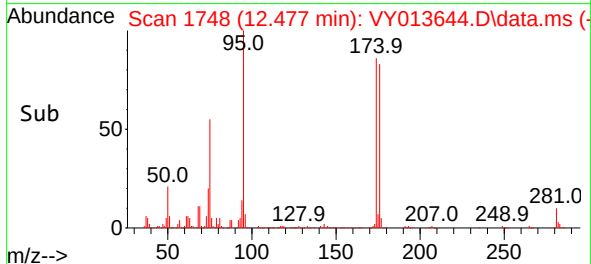
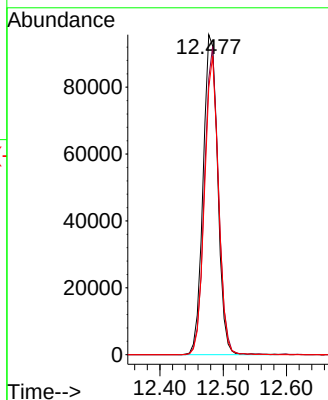
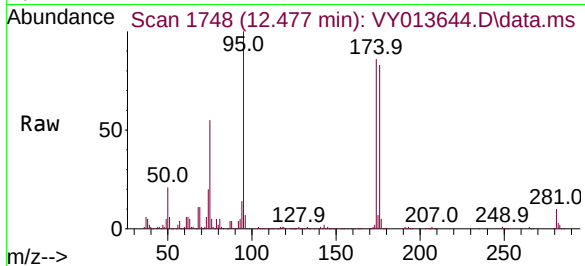




#62
4-Bromofluorobenzene
Concen: 50.051 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013644.D
Acq: 08 May 2023 13:15

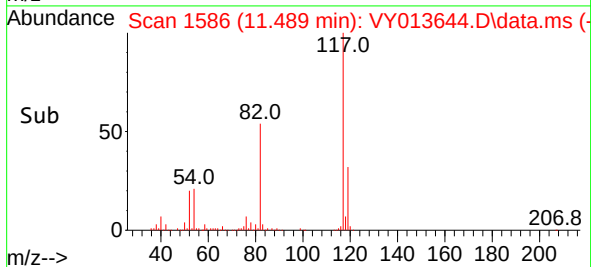
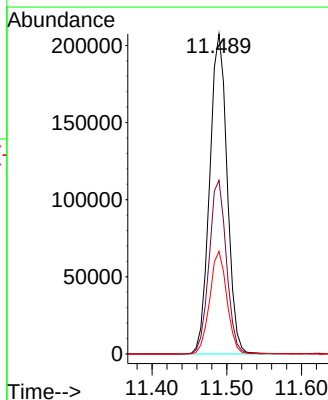
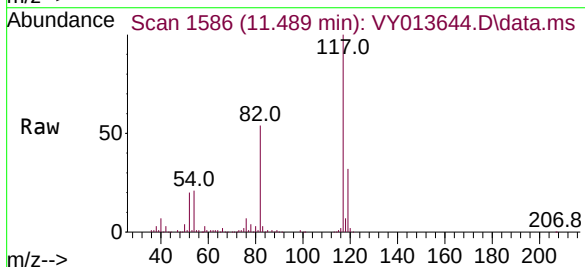
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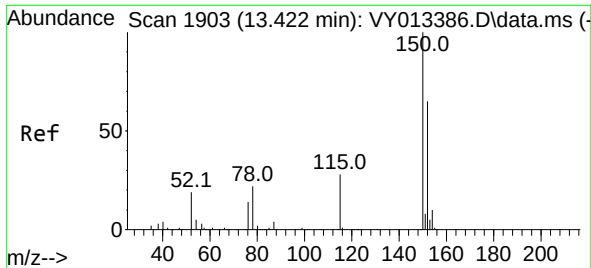
Tgt Ion: 95 Resp: 153776
Ion Ratio Lower Upper
95 100
174 92.3 0.0 182.0
176 89.2 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013644.D
Acq: 08 May 2023 13:15

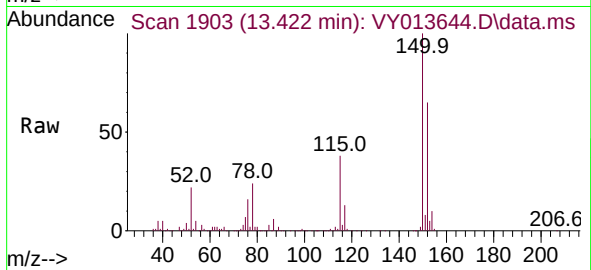
Tgt Ion: 117 Resp: 336749
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.6
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013644.D
 Acq: 08 May 2023 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-C-0-3-05012023



Tgt Ion:152 Resp: 132604
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.1 84.2
 150 152.4 0.0 352.0

