

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011441.D
 Acq On : 14 Nov 2022 15:47
 Operator : KP/MD
 Sample : N5582-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31878

Quant Time: Nov 15 01:50:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

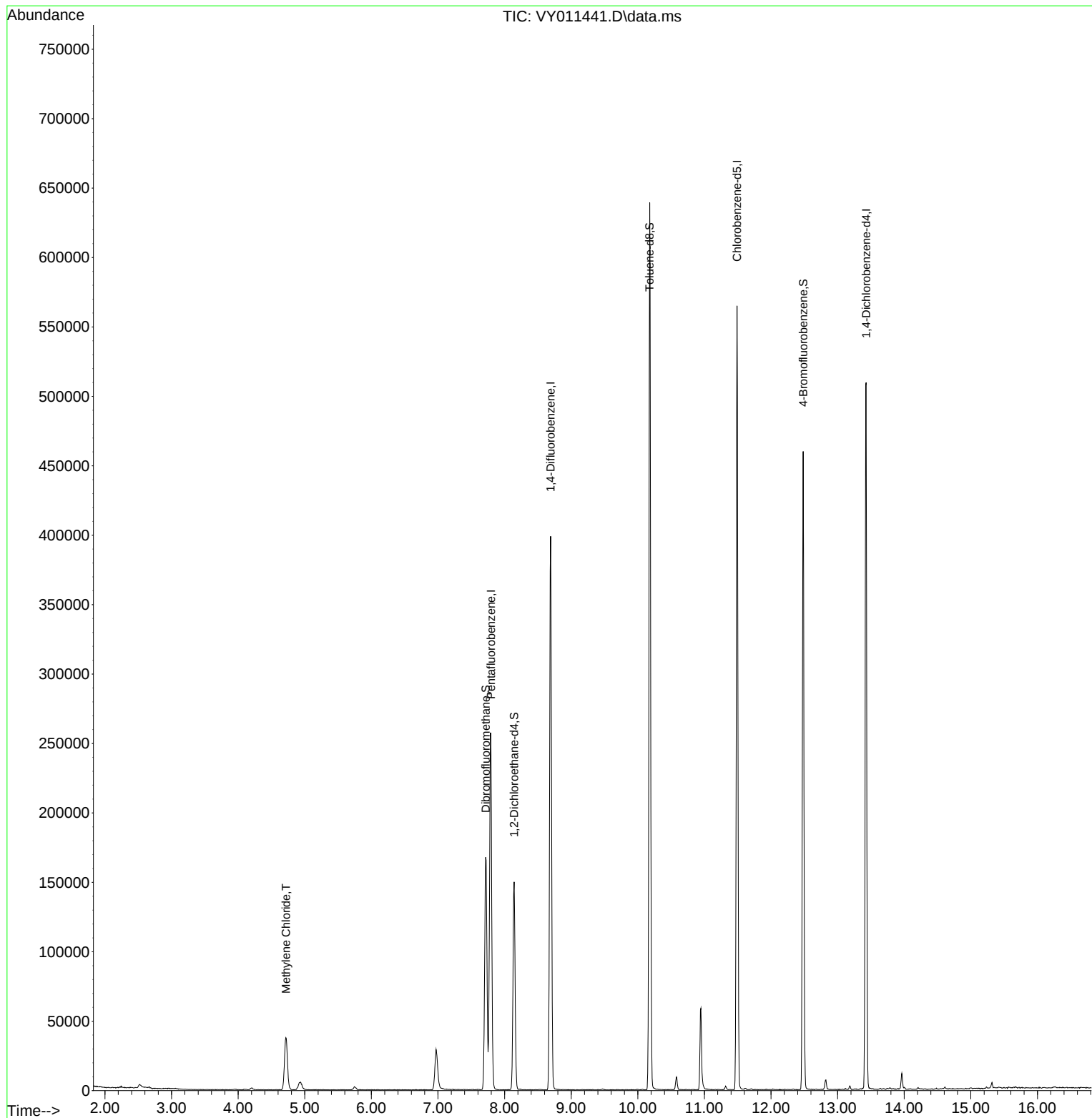
Internal Standards						
1) Pentafluorobenzene	7.795	168	211394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	365986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116009	65.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.980%	
35) Dibromofluoromethane	7.716	113	124210	60.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.120%	
50) Toluene-d8	10.179	98	434216	55.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.483	95	139831	51.163	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.320%	
Target Compounds						
20) Methylene Chloride	4.716	84	32250	6.117	ug/l	Qvalue # 80

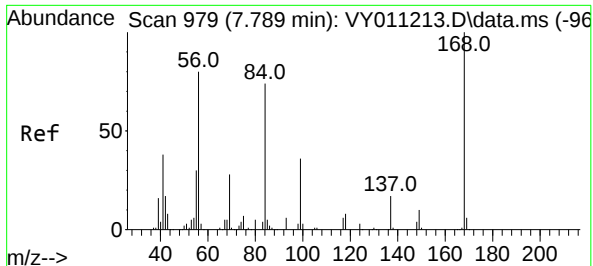
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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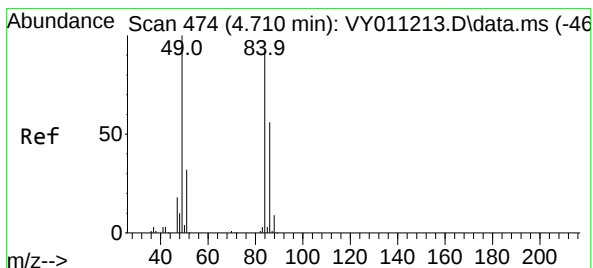
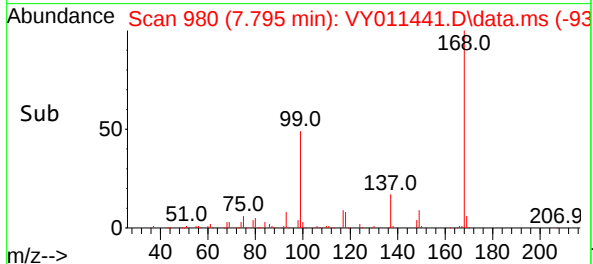
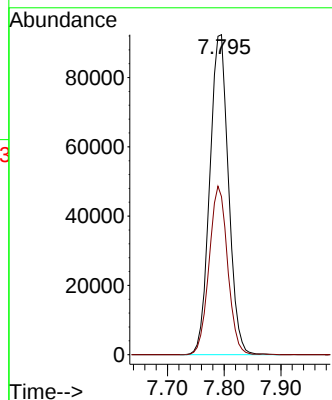
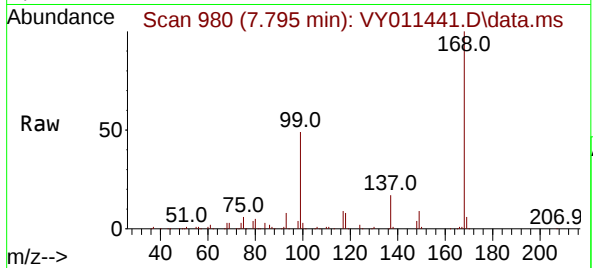




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011441.D
Acq: 14 Nov 2022 15:47

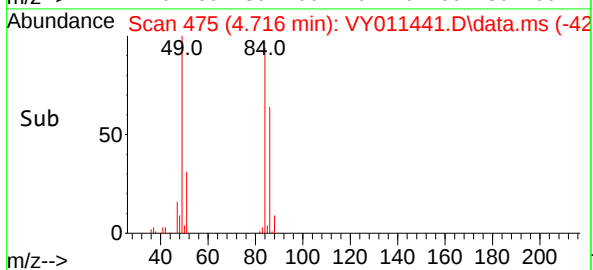
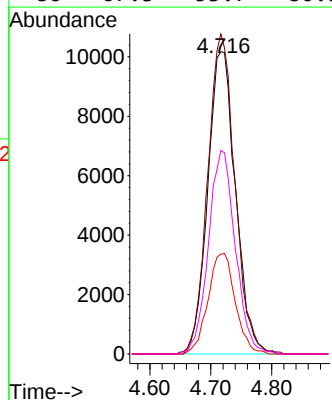
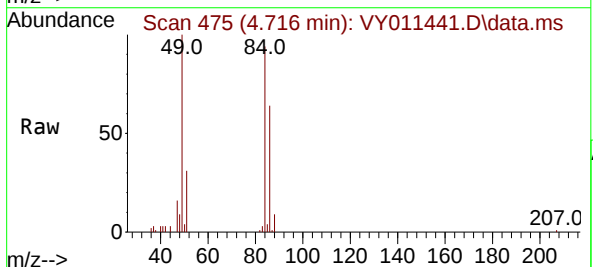
Instrument :
MSVOA_Y
ClientSampleId :
31878

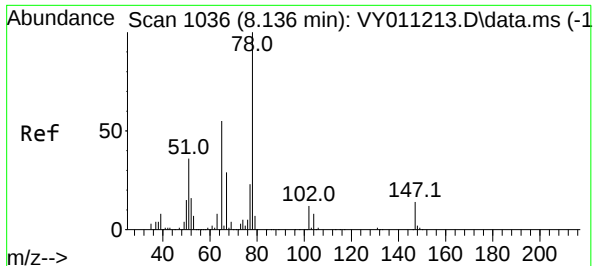
Tgt Ion:168 Resp: 211394
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#20
Methylene Chloride
Concen: 6.117 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011441.D
Acq: 14 Nov 2022 15:47

Tgt Ion: 84 Resp: 32250
Ion Ratio Lower Upper
84 100
49 105.3 114.4 171.6#
51 33.1 35.3 52.9#
86 67.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 65.489 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY011441.D

Acq: 14 Nov 2022 15:47

Instrument :

MSVOA_Y

ClientSampleId :

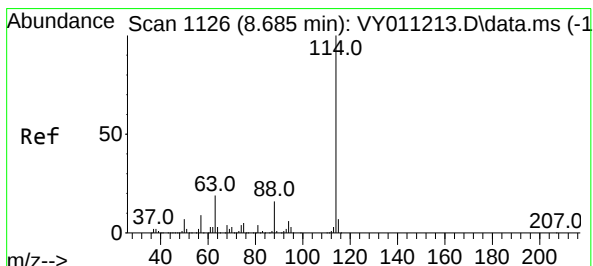
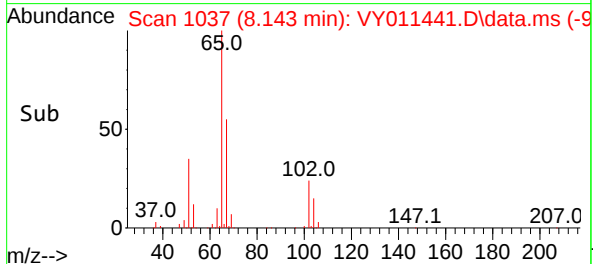
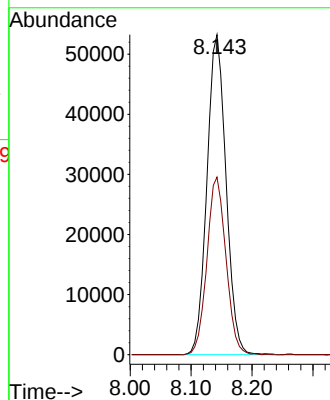
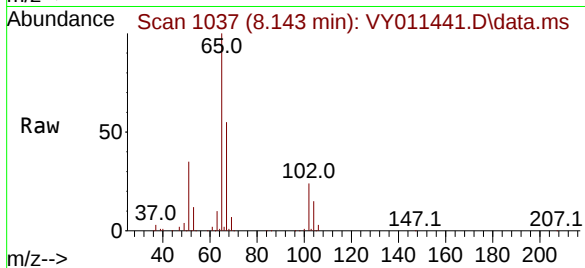
31878

Tgt Ion: 65 Resp: 116009

Ion Ratio Lower Upper

65 100

67 55.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011441.D

Acq: 14 Nov 2022 15:47

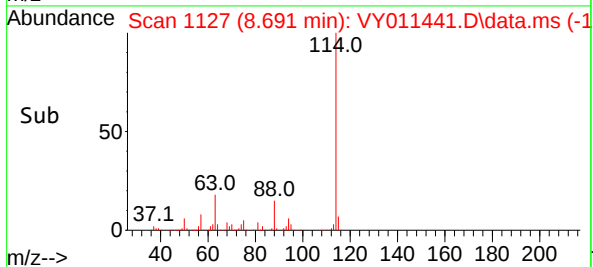
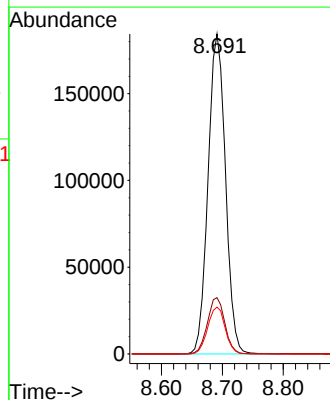
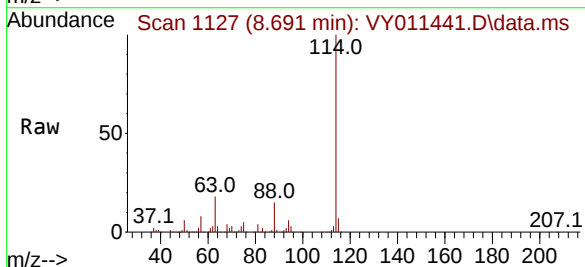
Tgt Ion: 114 Resp: 365986

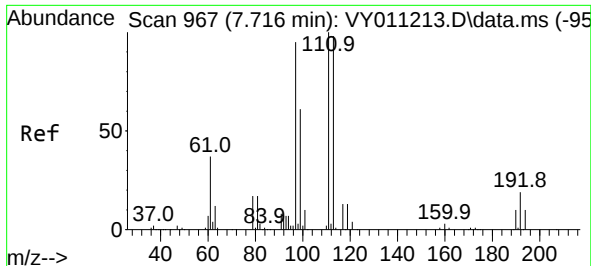
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.6 0.0 31.8

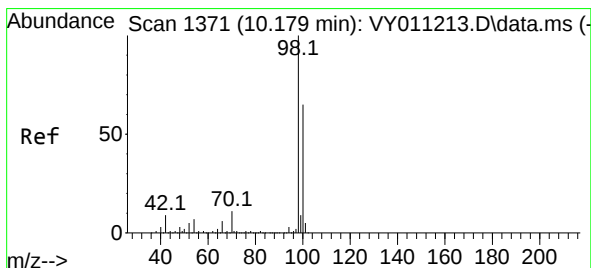
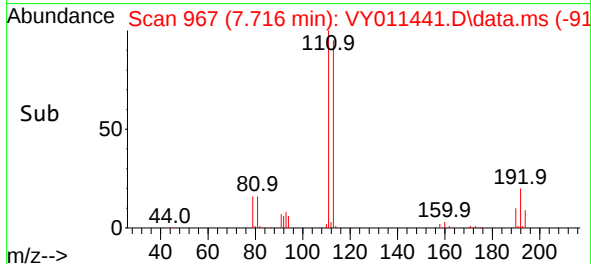
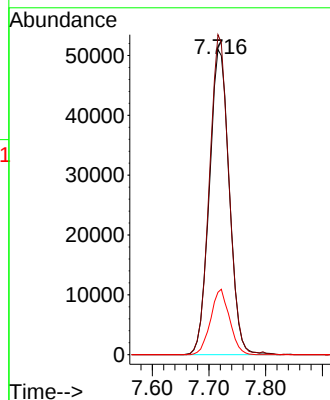
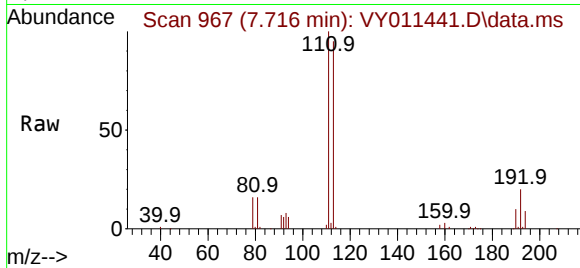




#35
Dibromofluoromethane
Concen: 60.559 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011441.D
Acq: 14 Nov 2022 15:47

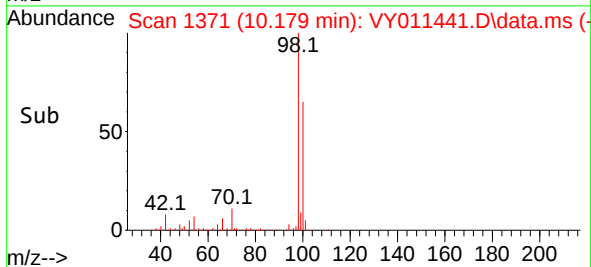
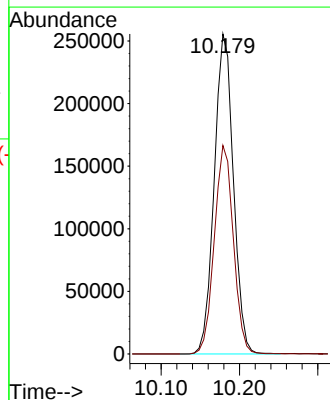
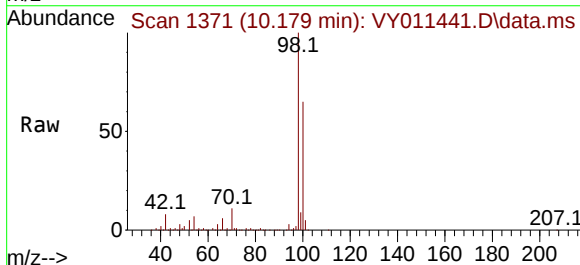
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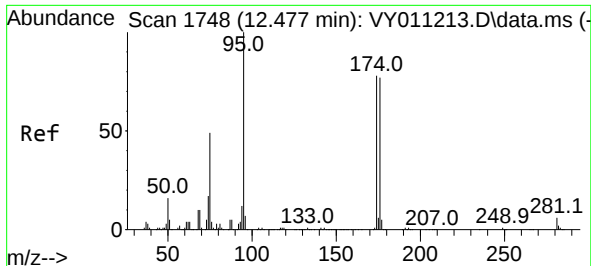
Tgt Ion:113 Resp: 124210
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 55.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011441.D
Acq: 14 Nov 2022 15:47

Tgt Ion: 98 Resp: 434216
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

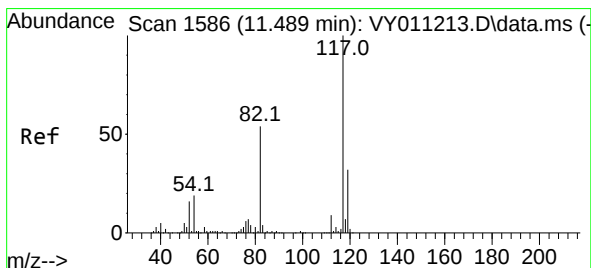
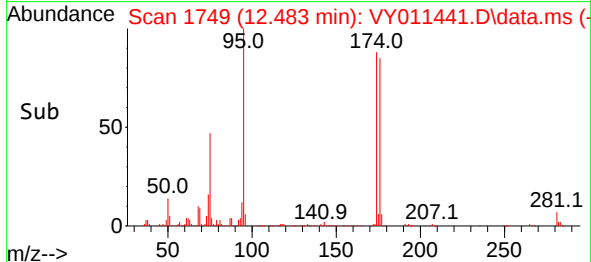
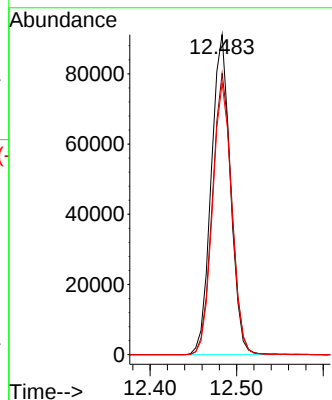
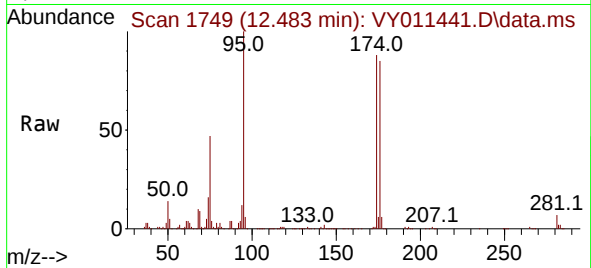




#62
4-Bromofluorobenzene
Concen: 51.163 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011441.D
Acq: 14 Nov 2022 15:47

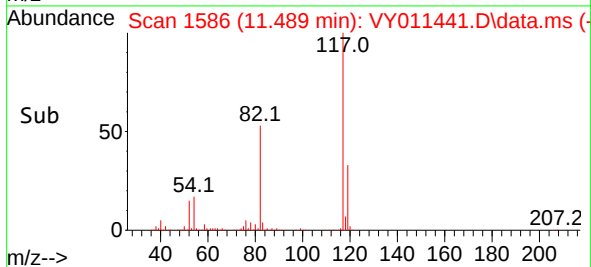
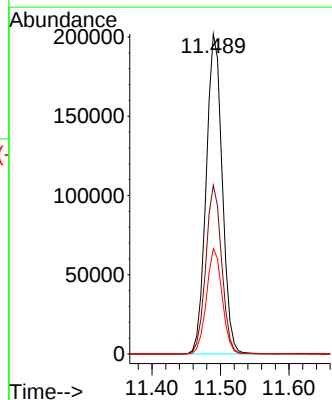
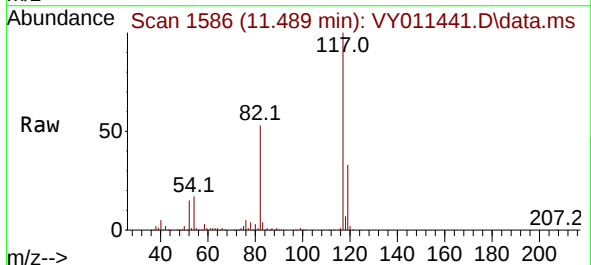
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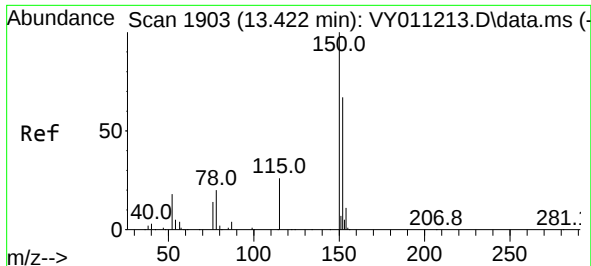
Tgt Ion: 95 Resp: 139831
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 85.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011441.D
Acq: 14 Nov 2022 15:47

Tgt Ion: 117 Resp: 329394
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY011441.D
 Acq: 14 Nov 2022 15:47

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 144272
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 157.5 0.0 347.6

