

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010745.D
 Acq On : 30 Sep 2022 13:37
 Operator : KP/MD
 Sample : N4857-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-092722

Quant Time: Sep 30 14:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

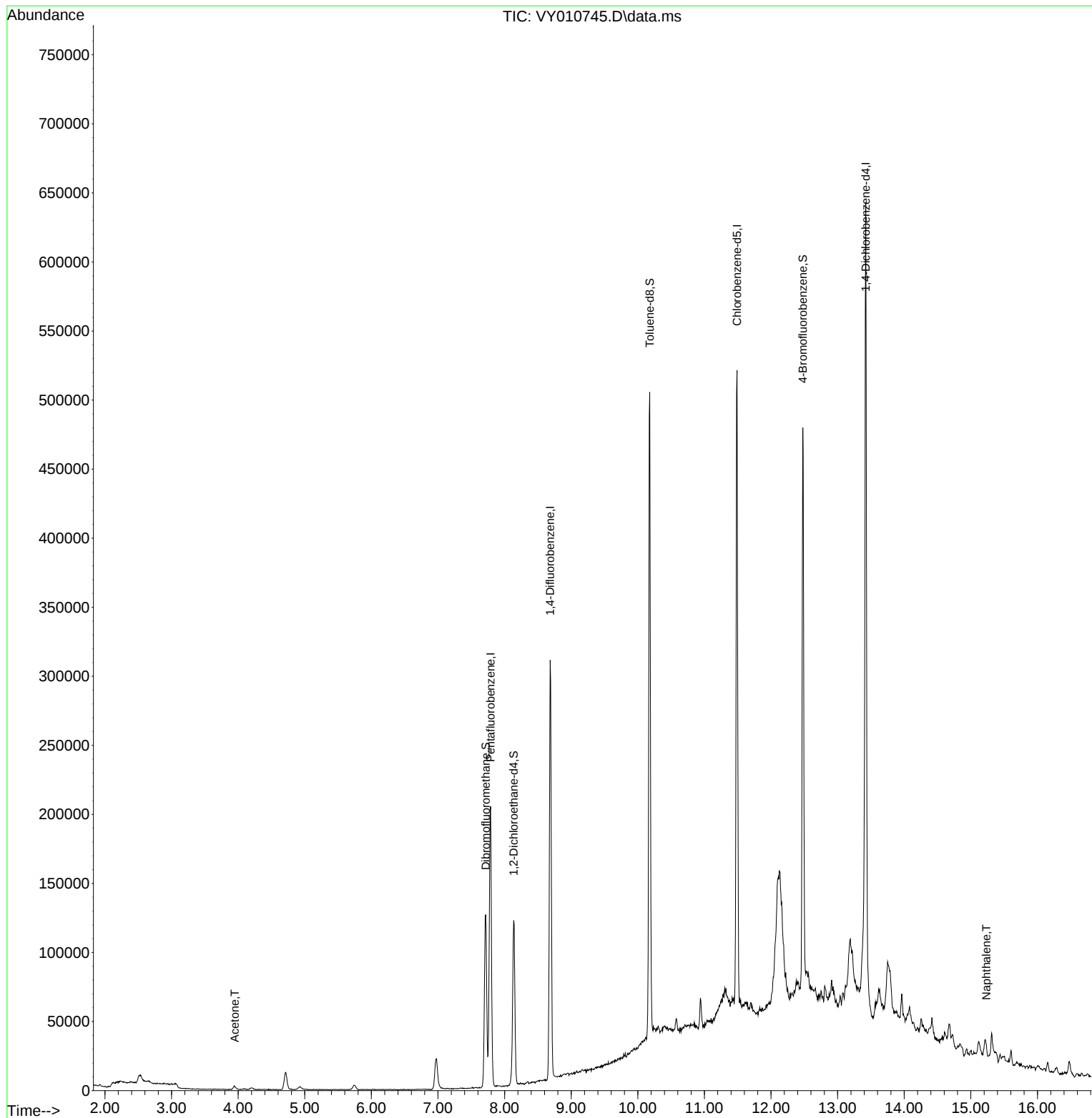
Internal Standards						
1) Pentafluorobenzene	7.789	168	158664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92046	60.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.300%	
35) Dibromofluoromethane	7.716	113	89814	53.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.020%	
50) Toluene-d8	10.179	98	304691	49.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.477	95	122327	53.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.620%	
Target Compounds						Qvalue
16) Acetone	3.948	43	4165	13.458	ug/l #	83
95) Naphthalene	15.233	128	6363	1.472	ug/l #	91

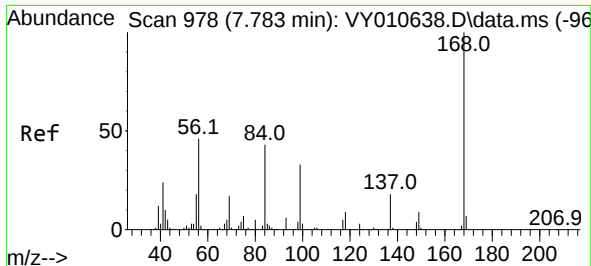
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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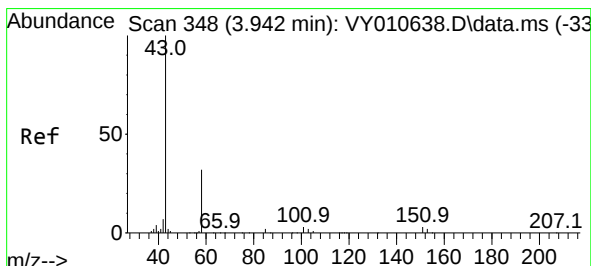
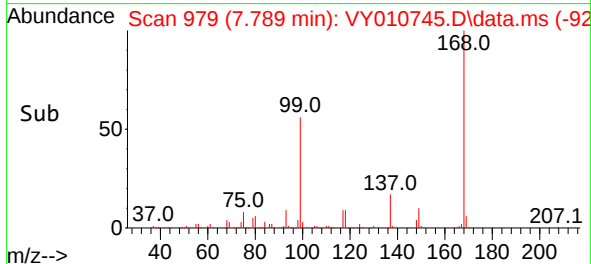
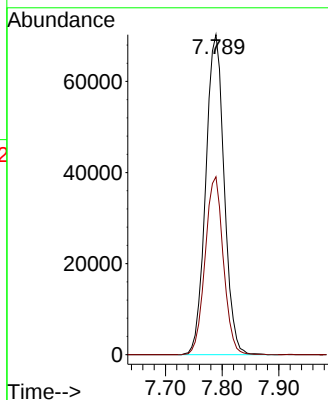
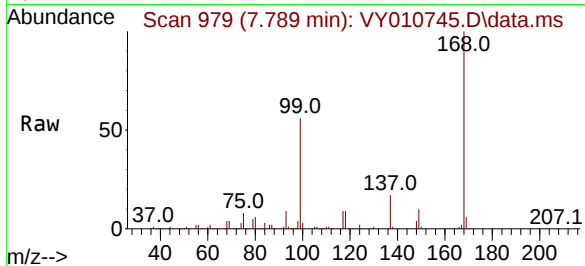




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010745.D
Acq: 30 Sep 2022 13:37

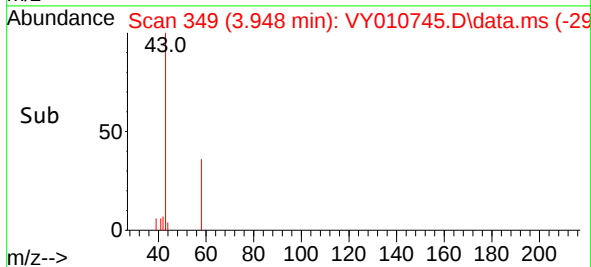
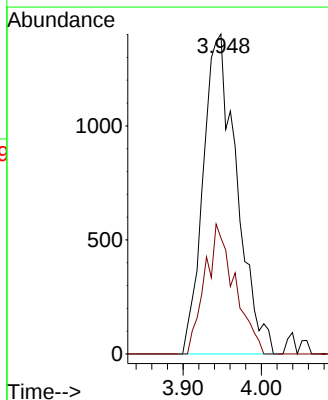
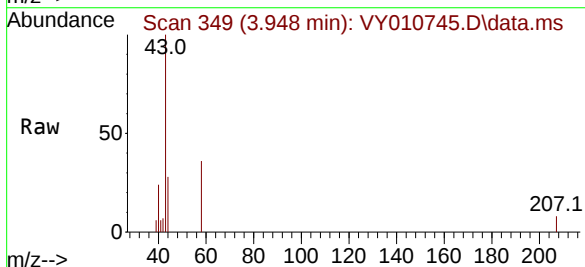
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-092722

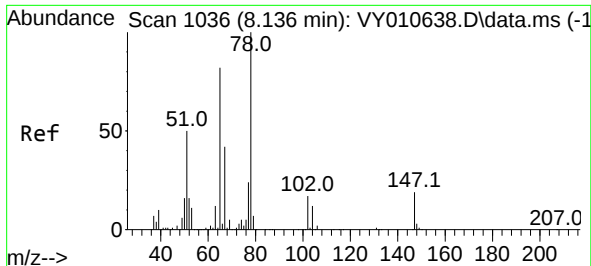
Tgt Ion:168 Resp: 158664
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#16
Acetone
Concen: 13.458 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010745.D
Acq: 30 Sep 2022 13:37

Tgt Ion: 43 Resp: 4165
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 60.653 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY010745.D

Acq: 30 Sep 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

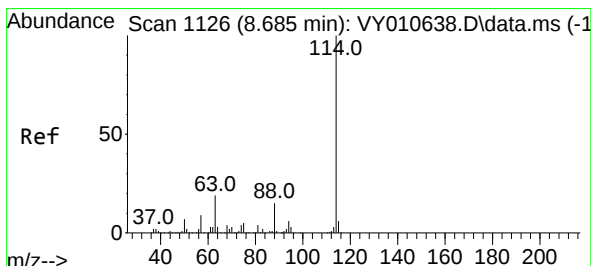
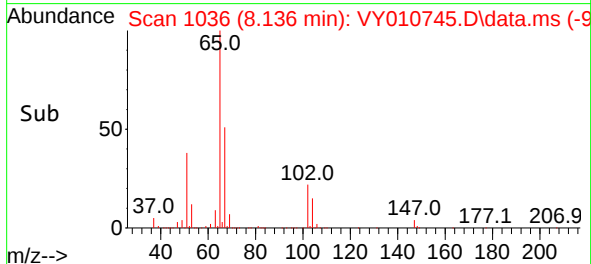
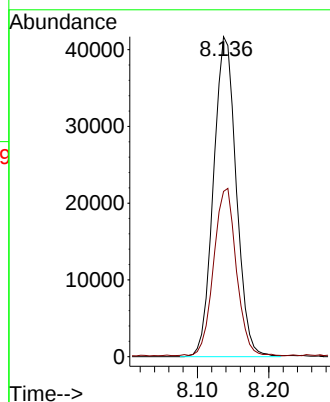
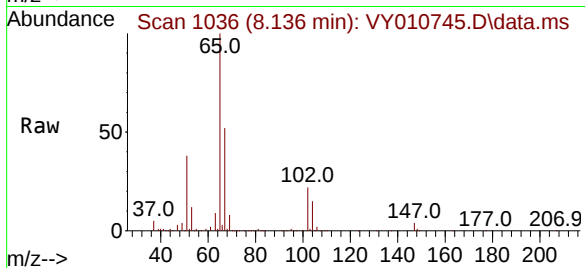
OR-02-092722

Tgt Ion: 65 Resp: 92046

Ion Ratio Lower Upper

65 100

67 52.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010745.D

Acq: 30 Sep 2022 13:37

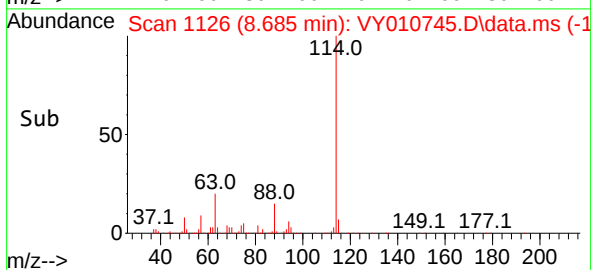
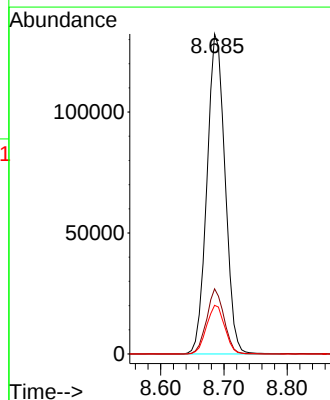
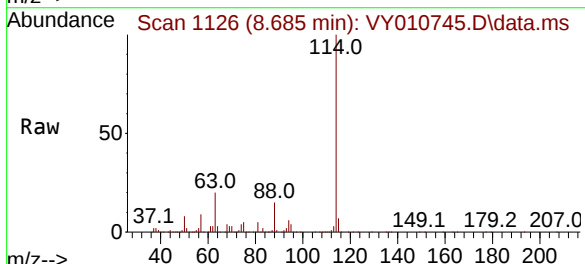
Tgt Ion: 114 Resp: 263022

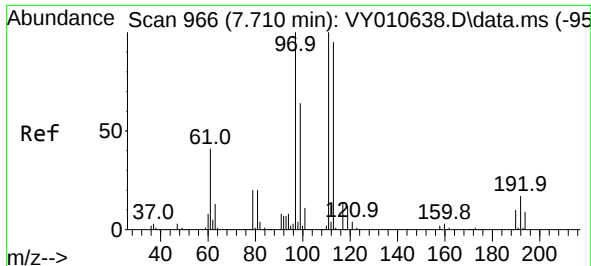
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.2 0.0 31.8

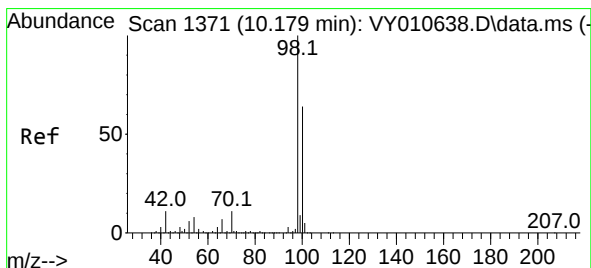
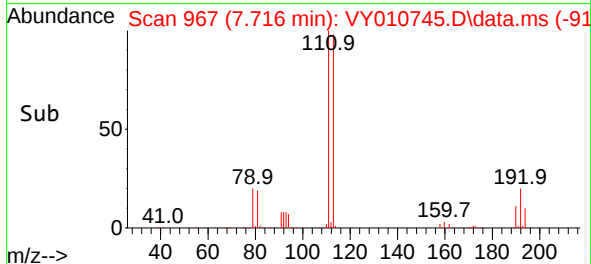
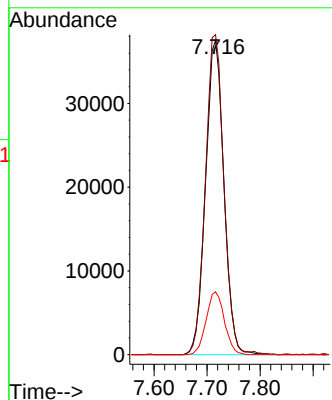
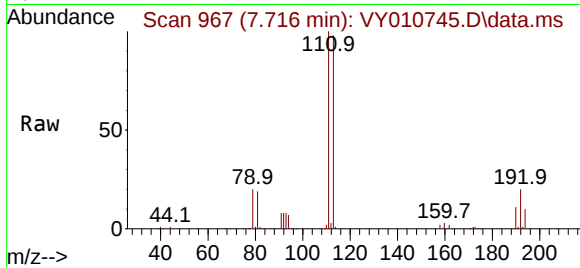




#35
Dibromofluoromethane
Concen: 53.505 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010745.D
Acq: 30 Sep 2022 13:37

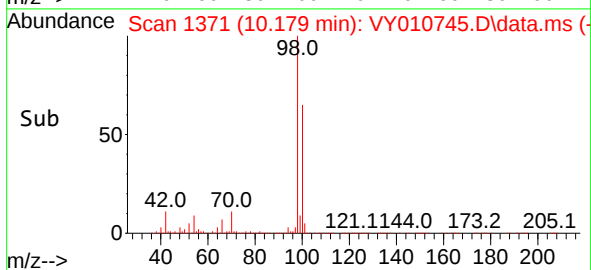
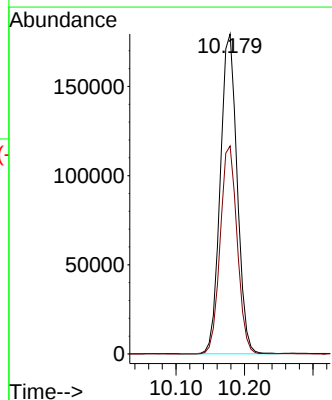
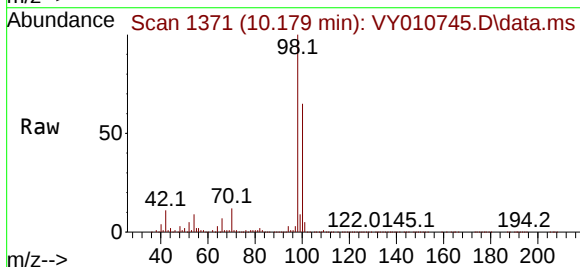
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-092722

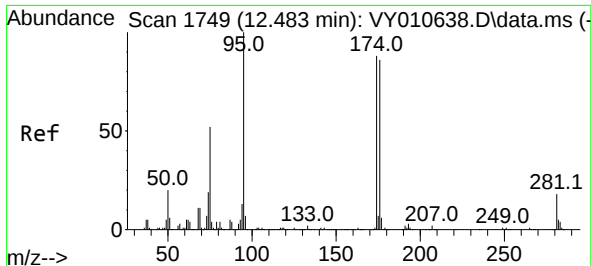
Tgt Ion:113 Resp: 89814
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.0 17.6 26.4



#50
Toluene-d8
Concen: 49.169 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010745.D
Acq: 30 Sep 2022 13:37

Tgt Ion: 98 Resp: 304691
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

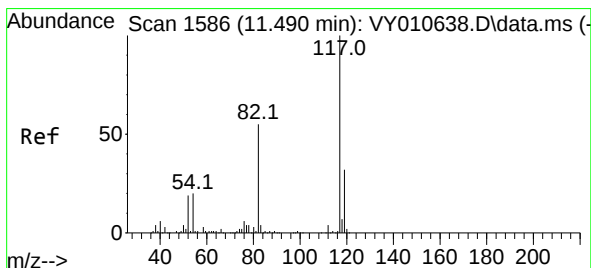
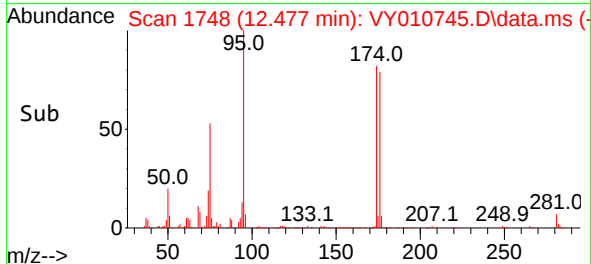
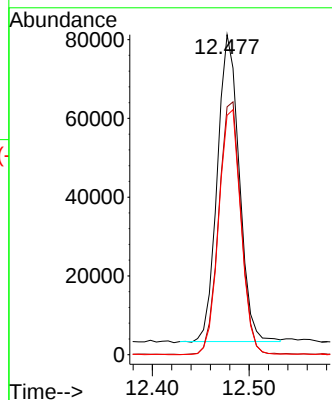
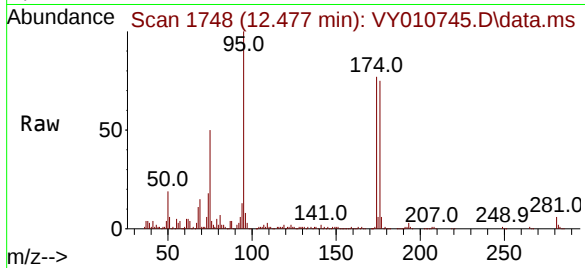




#62
4-Bromofluorobenzene
Concen: 53.309 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010745.D
Acq: 30 Sep 2022 13:37

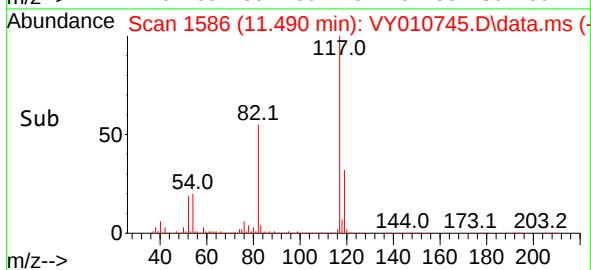
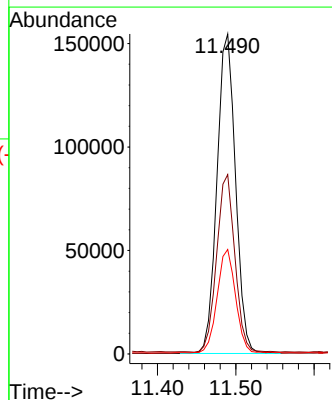
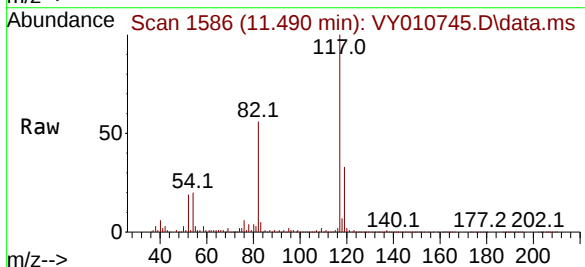
Instrument :
MSVOA_Y
ClientSampleId :
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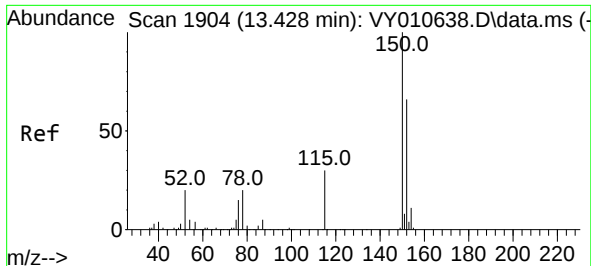
Tgt Ion: 95 Resp: 122327
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010745.D
Acq: 30 Sep 2022 13:37

Tgt Ion: 117 Resp: 254115
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 32.3 25.4 38.0

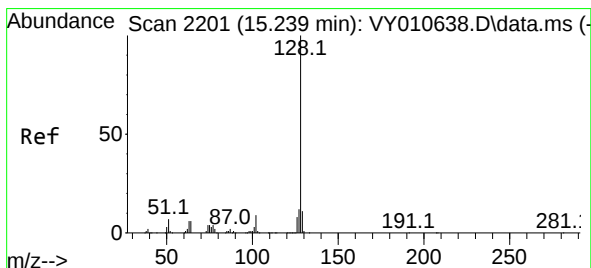
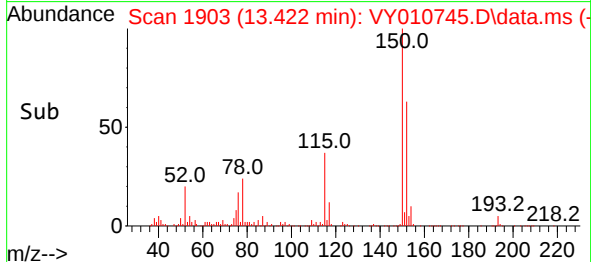
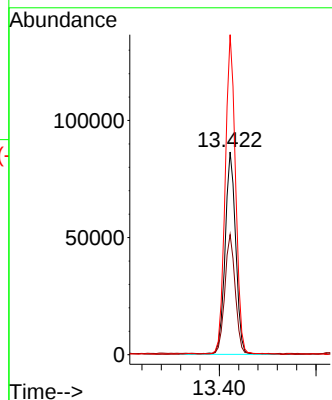
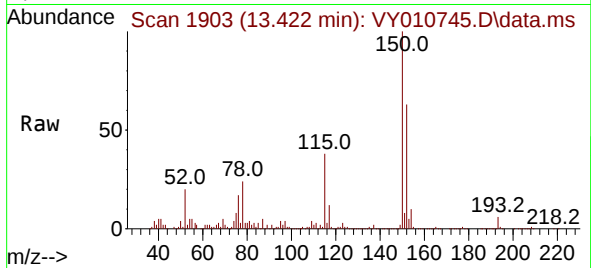




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY010745.D
Acq: 30 Sep 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-092722

Tgt Ion:152 Resp: 132288
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 154.4 0.0 347.6



#95
Naphthalene
Concen: 1.472 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010745.D
Acq: 30 Sep 2022 13:37

Tgt Ion:128 Resp: 6363
Ion Ratio Lower Upper
128 100
127 19.6 11.0 16.4#
129 11.3 8.4 12.6

