

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010644.D
 Acq On : 23 Sep 2022 13:26
 Operator : KP/MD
 Sample : N4753-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-092122

Quant Time: Sep 24 01:20:57 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)

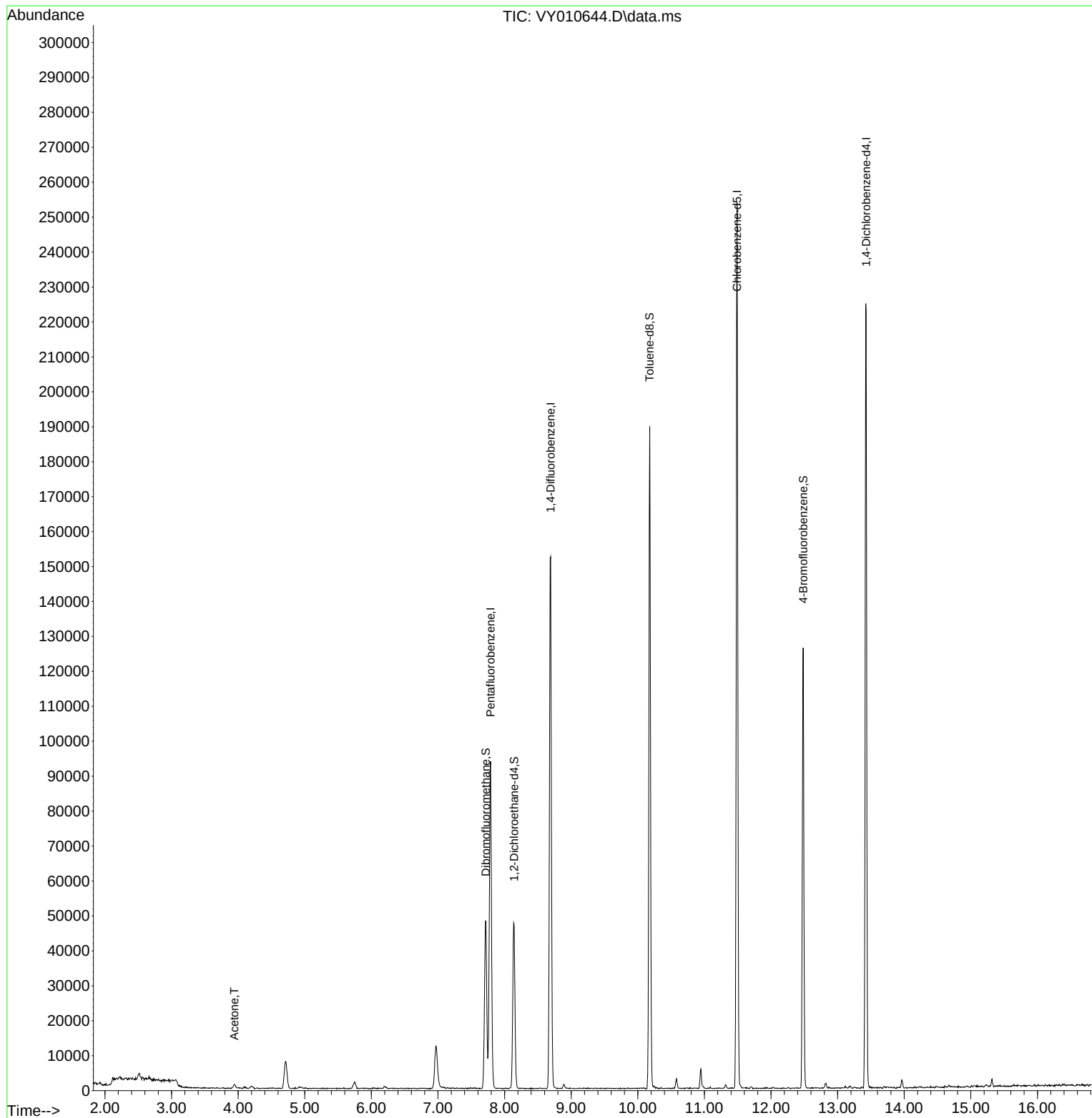
Internal Standards						
1) Pentafluorobenzene	7.789	168	72331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	37976	54.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.780%	
35) Dibromofluoromethane	7.716	113	33472	38.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.760%	
50) Toluene-d8	10.179	98	122295	39.161	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.320%	
62) 4-Bromofluorobenzene	12.483	95	37346	30.580	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.160%	
Target Compounds						
16) Acetone	3.942	43	1915	13.574	ug/l	Qvalue # 77

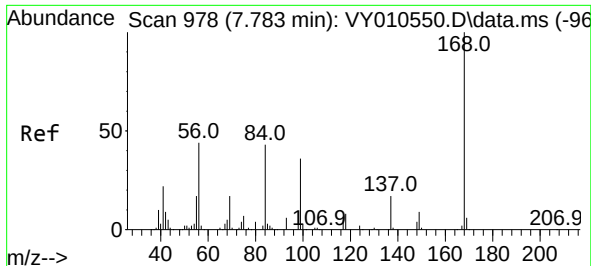
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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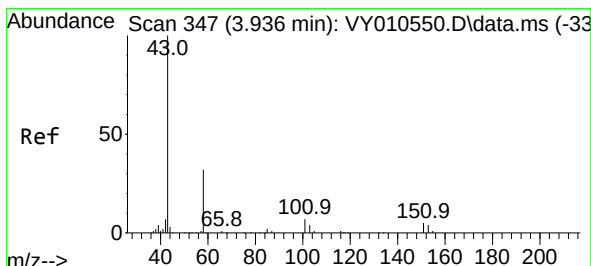
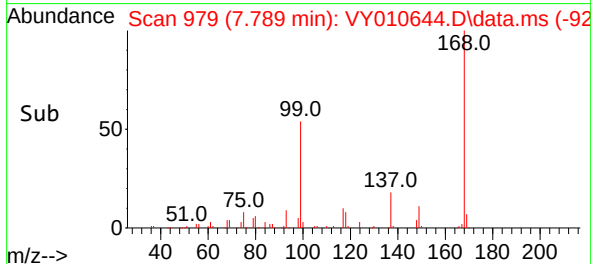
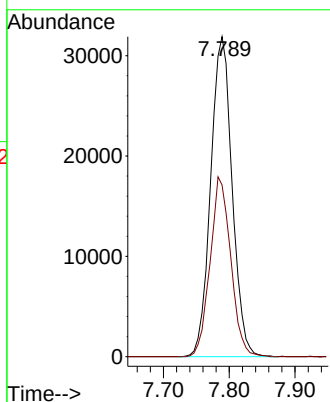
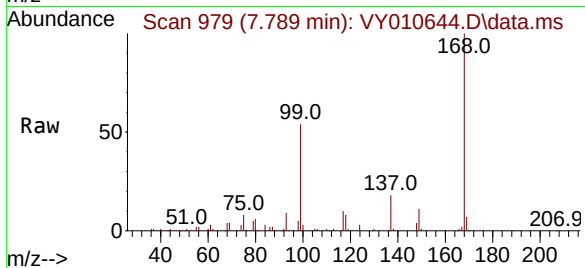




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010644.D
Acq: 23 Sep 2022 13:26

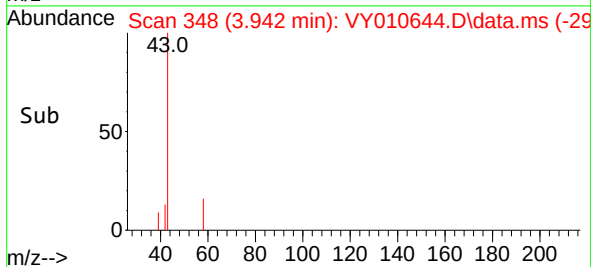
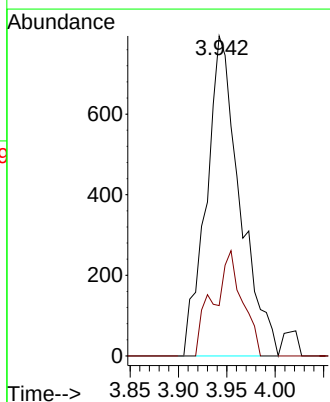
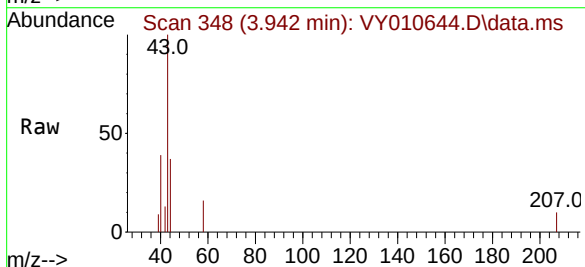
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-092122

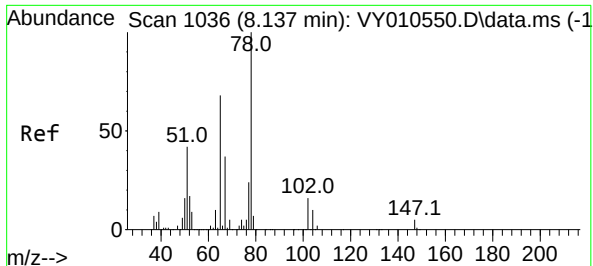
Tgt Ion:168 Resp: 72331
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 13.574 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010644.D
Acq: 23 Sep 2022 13:26

Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 15.7 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 54.892 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY010644.D

Acq: 23 Sep 2022 13:26

Instrument :

MSVOA_Y

ClientSampleId :

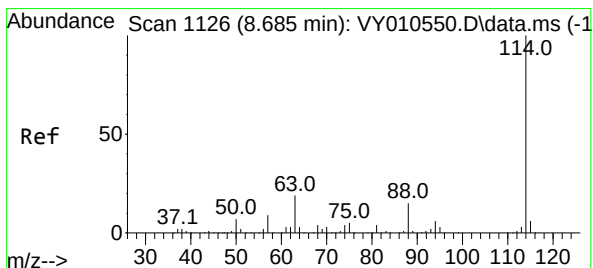
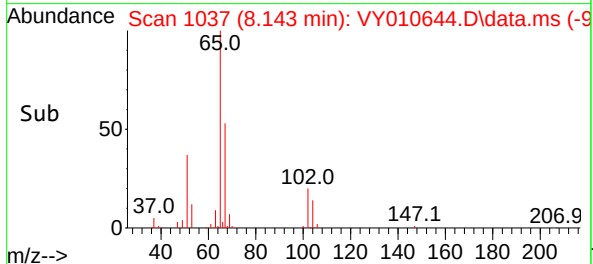
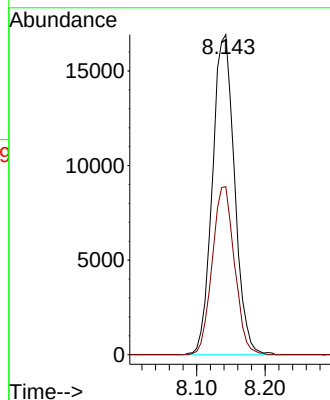
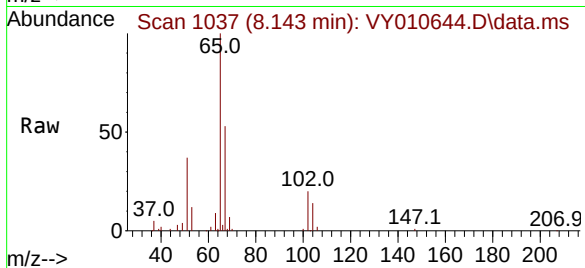
EO-01-092122

Tgt Ion: 65 Resp: 37976

Ion Ratio Lower Upper

65 100

67 52.8 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: VY010644.D

Acq: 23 Sep 2022 13:26

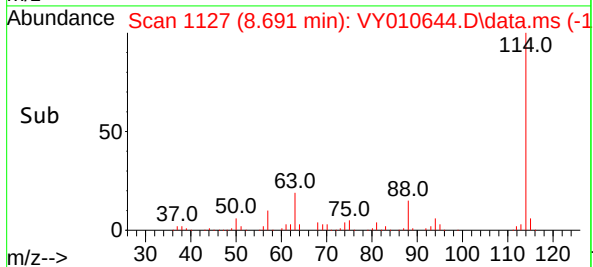
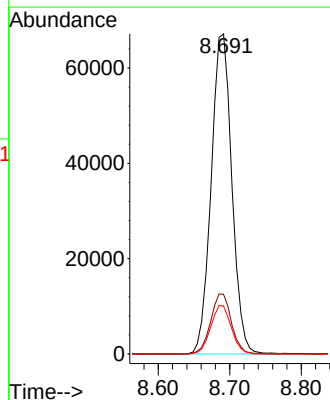
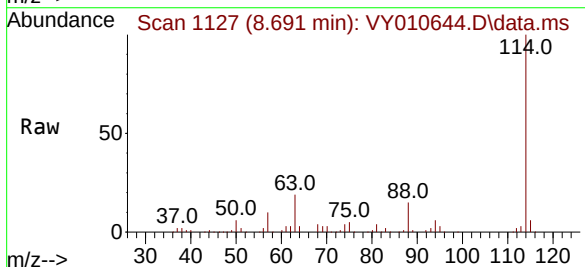
Tgt Ion: 114 Resp: 134887

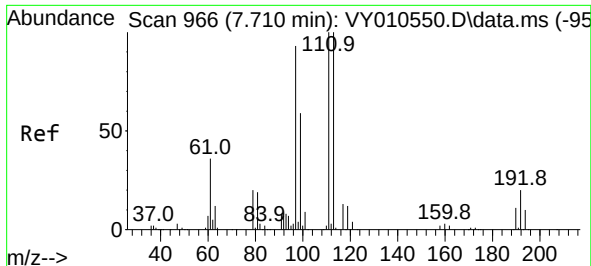
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.0 0.0 31.8

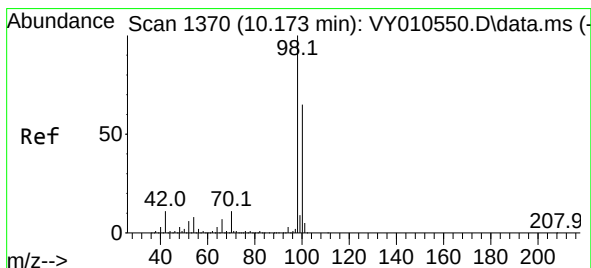
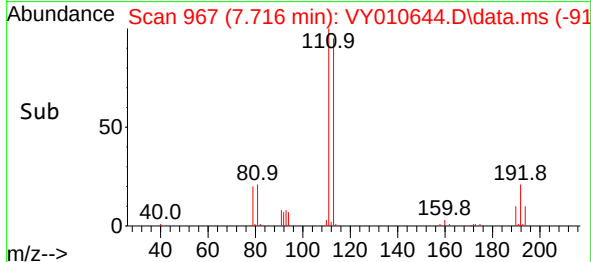
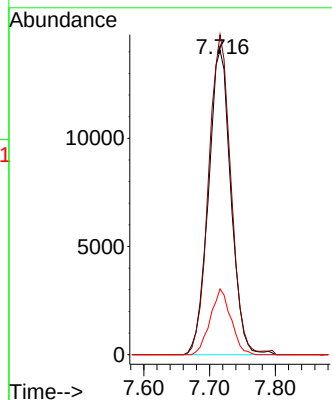
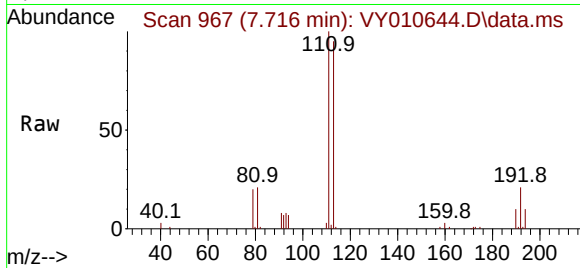




#35
Dibromofluoromethane
Concen: 38.882 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010644.D
Acq: 23 Sep 2022 13:26

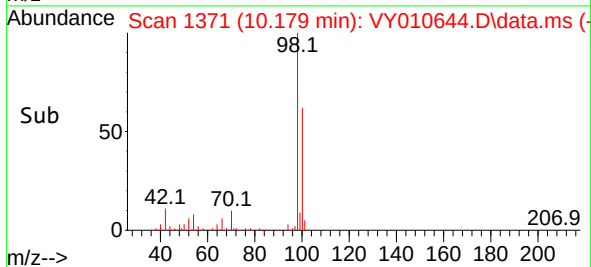
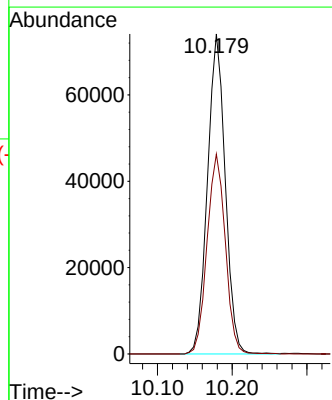
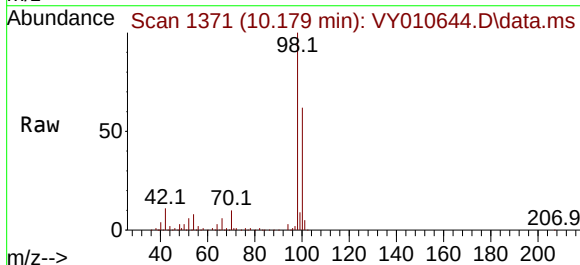
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-092122

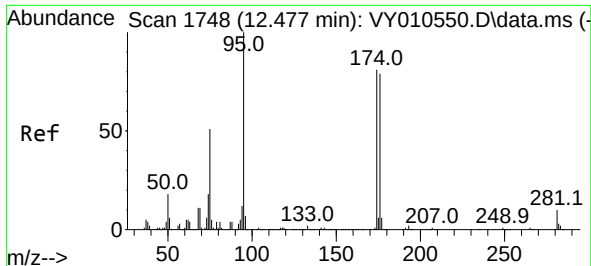
Tgt Ion:113 Resp: 33472
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.8 17.6 26.4



#50
Toluene-d8
Concen: 39.161 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010644.D
Acq: 23 Sep 2022 13:26

Tgt Ion: 98 Resp: 122295
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

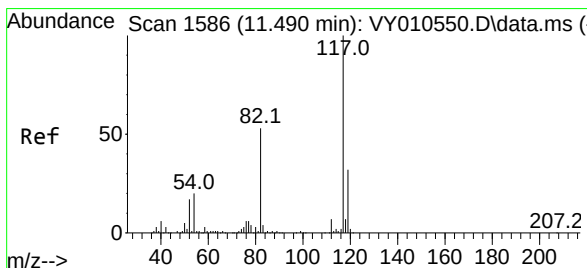
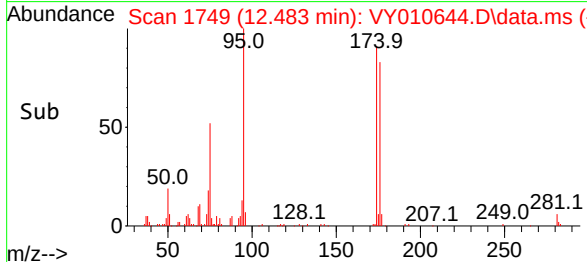
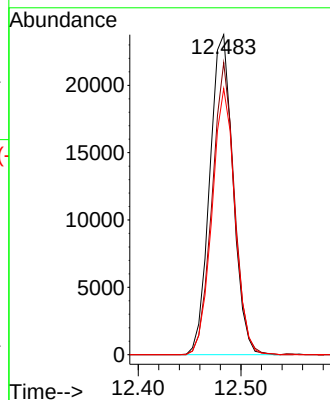
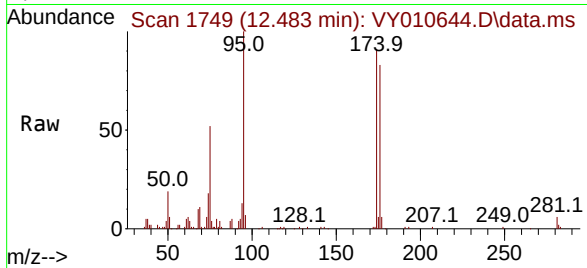




#62
4-Bromofluorobenzene
Concen: 30.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010644.D
Acq: 23 Sep 2022 13:26

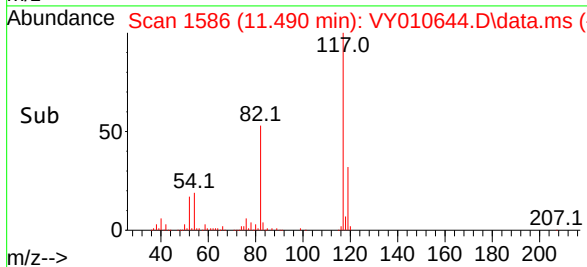
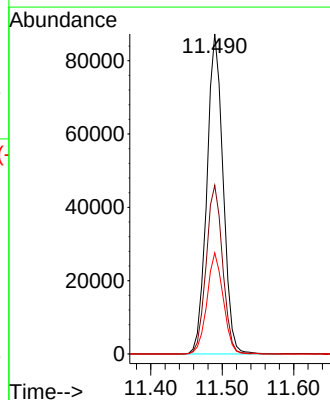
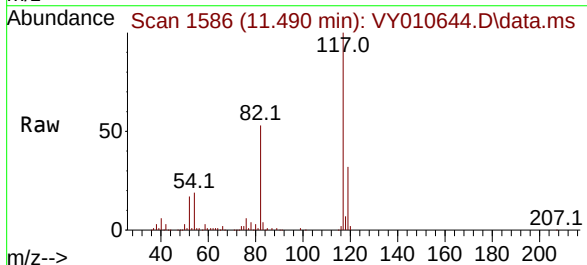
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-092122

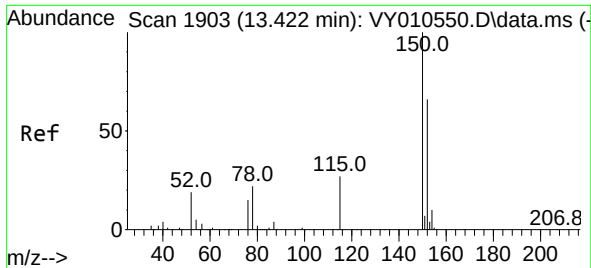
Tgt Ion: 95 Resp: 37346
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 81.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010644.D
Acq: 23 Sep 2022 13:26

Tgt Ion: 117 Resp: 137578
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.6 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: VY010644.D

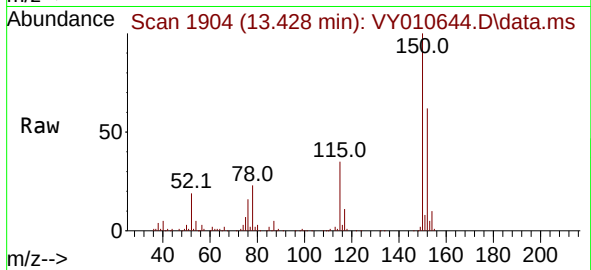
Acq: 23 Sep 2022 13:26

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-092122



Tgt Ion:152 Resp: 59074

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 160.3 0.0 347.6

