

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014437.D
 Acq On : 26 Jun 2023 16:27
 Operator : KP/MD
 Sample : 03409-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-062323

Quant Time: Jun 27 01:49:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

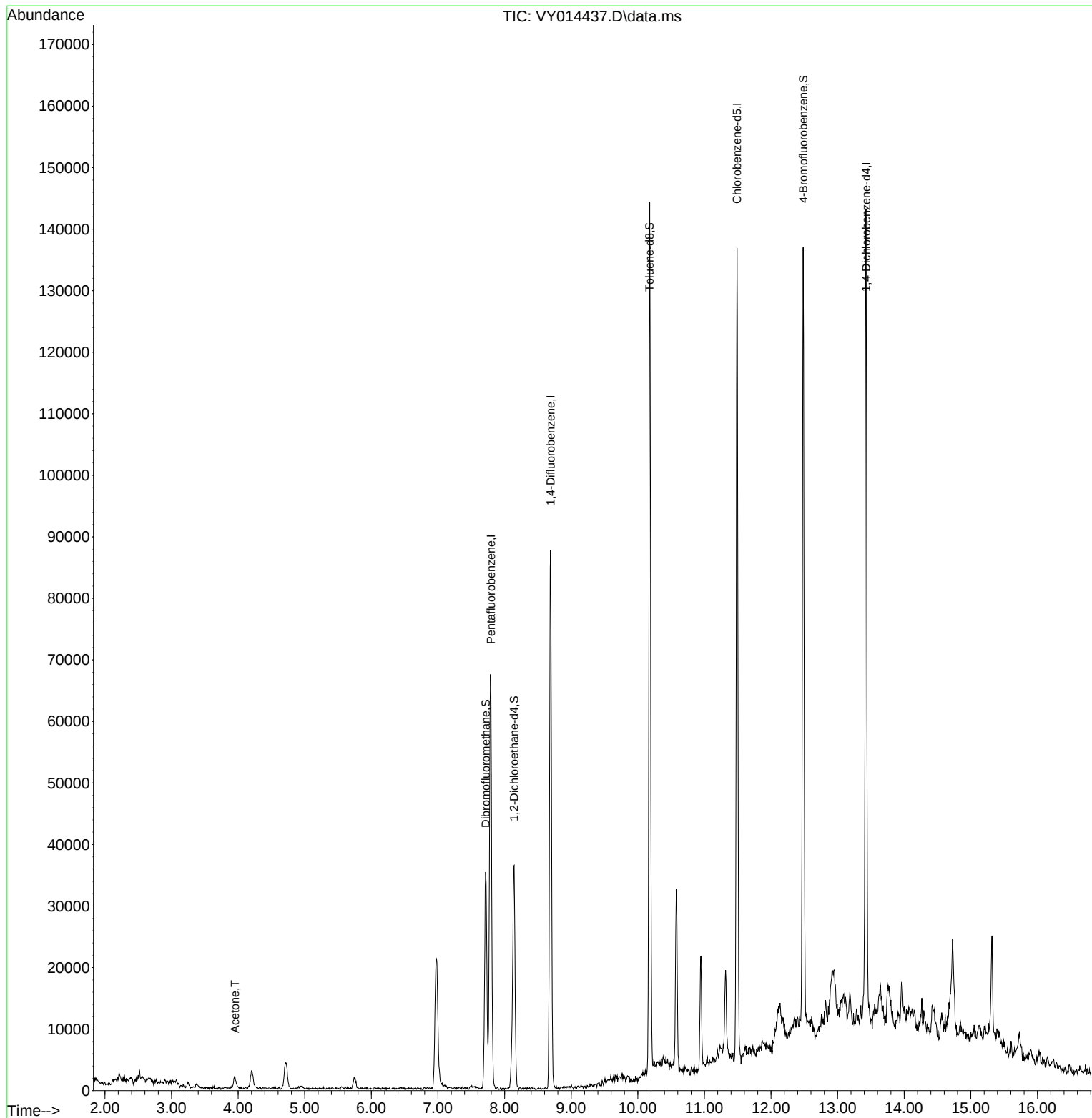
Internal Standards						
1) Pentafluorobenzene	7.795	168	54514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	75952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	72772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	30122	44.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.000%
35) Dibromofluoromethane	7.716	113	23743	50.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.179	98	92053	49.350	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.483	95	30335	45.553	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.100%
Target Compounds						
16) Acetone	3.954	43	3534	16.593	ug/l	Qvalue # 79

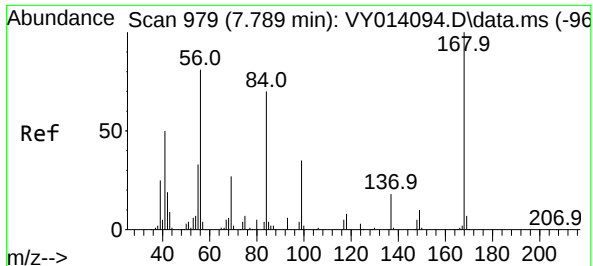
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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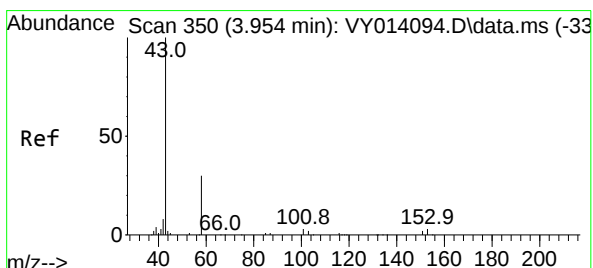
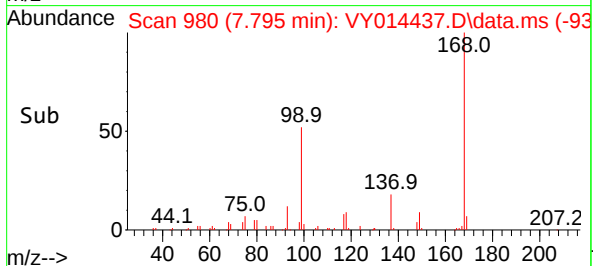
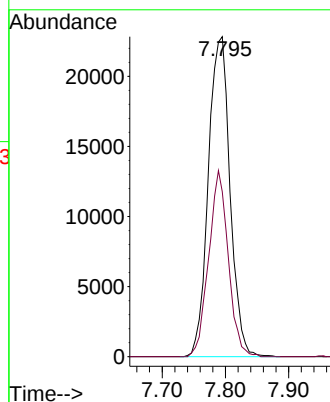
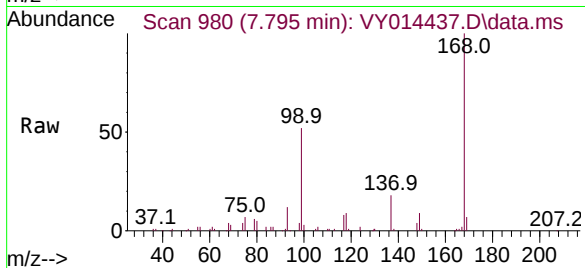




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014437.D
Acq: 26 Jun 2023 16:27

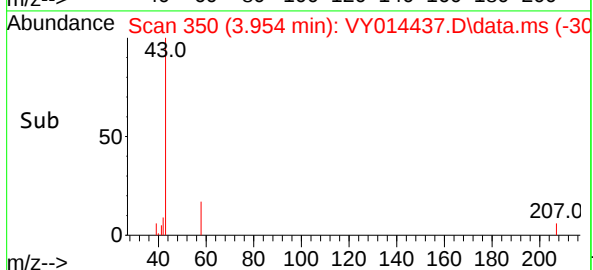
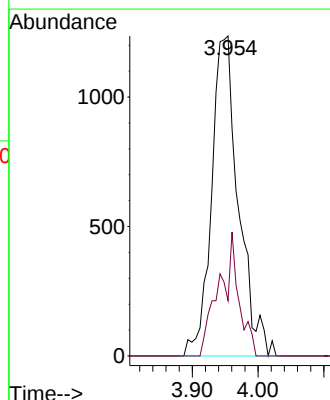
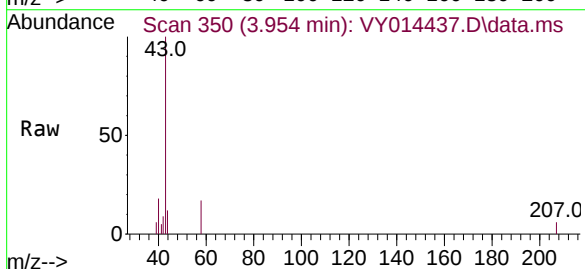
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323

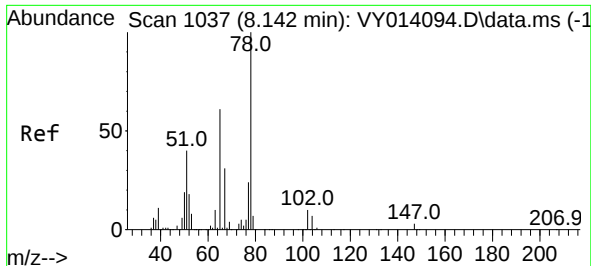
Tgt Ion:168 Resp: 54514
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#16
Acetone
Concen: 16.593 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014437.D
Acq: 26 Jun 2023 16:27

Tgt Ion: 43 Resp: 3534
Ion Ratio Lower Upper
43 100
58 17.3 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 44.504 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY014437.D

Acq: 26 Jun 2023 16:27

Instrument :

MSVOA_Y

ClientSampleId :

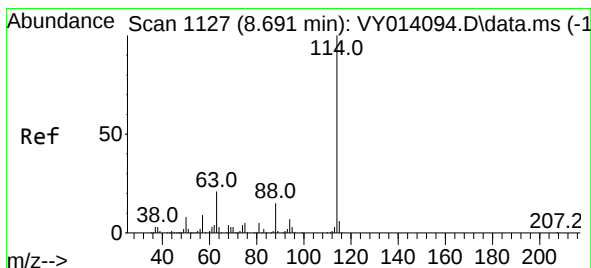
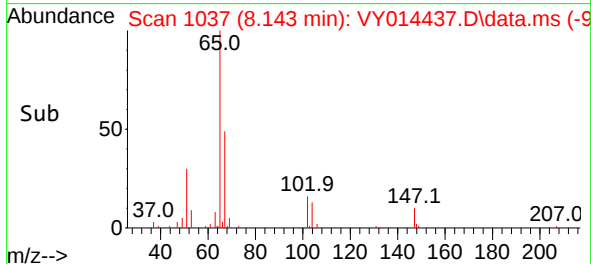
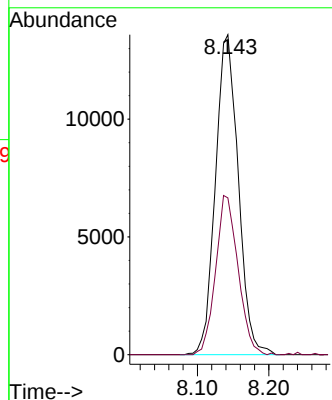
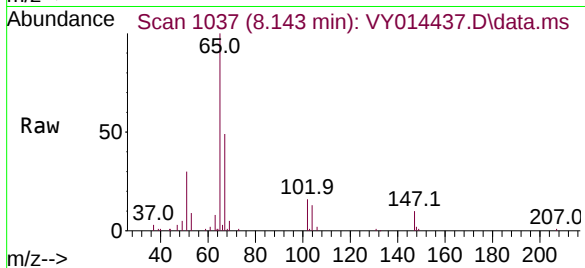
OE-1-062323

Tgt Ion: 65 Resp: 30122

Ion Ratio Lower Upper

65 100

67 48.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014437.D

Acq: 26 Jun 2023 16:27

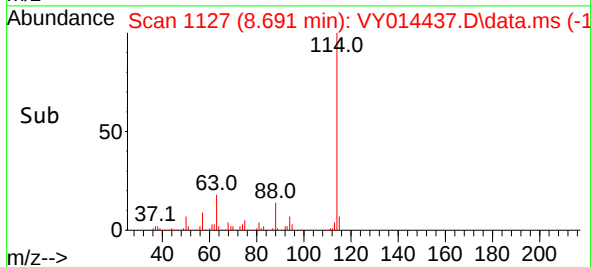
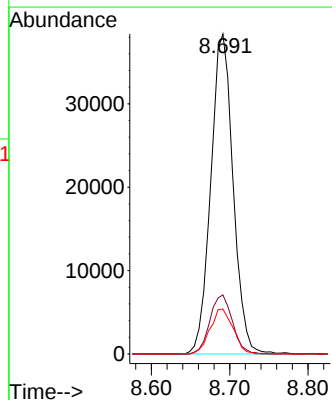
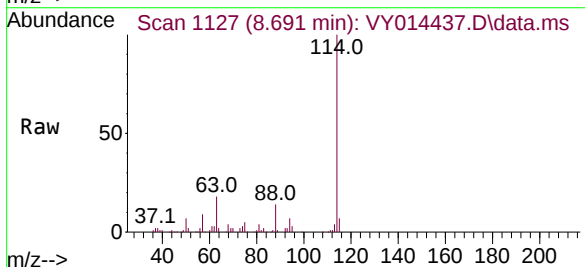
Tgt Ion: 114 Resp: 75952

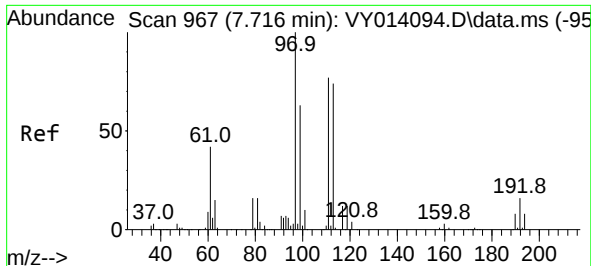
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.1 0.0 30.6

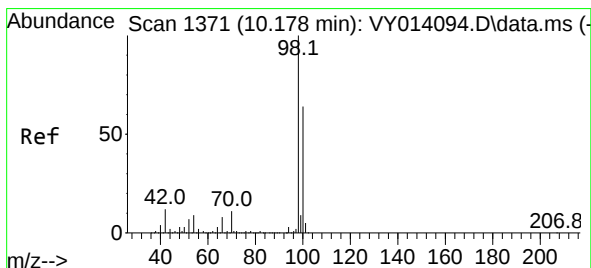
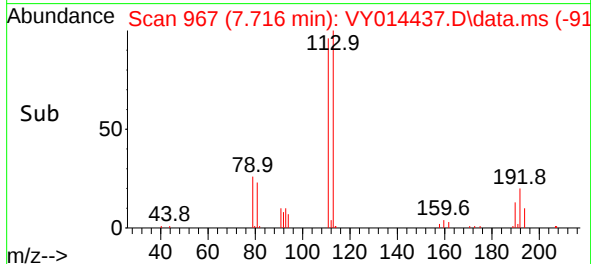
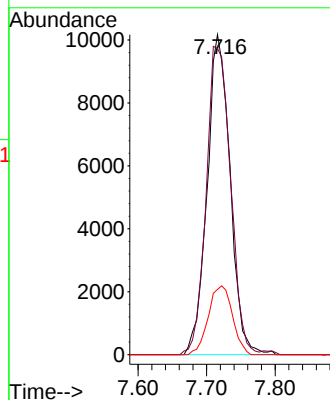
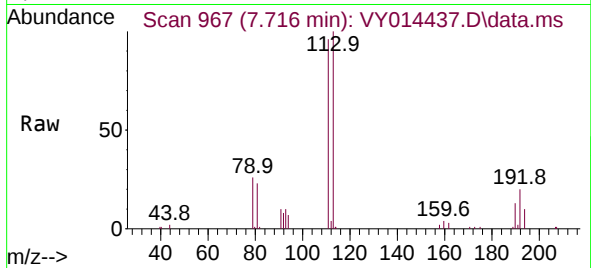




#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014437.D
Acq: 26 Jun 2023 16:27

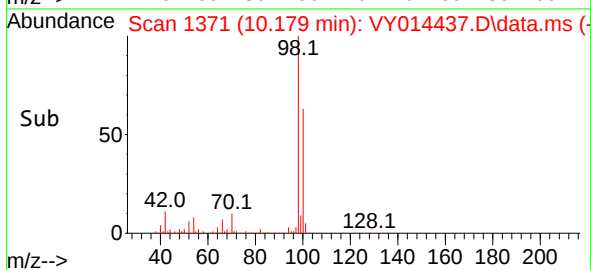
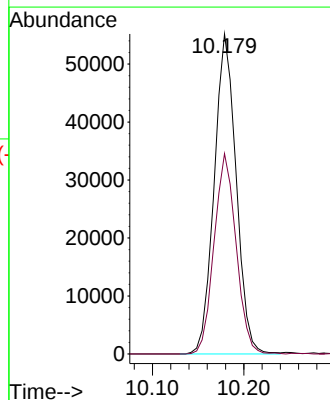
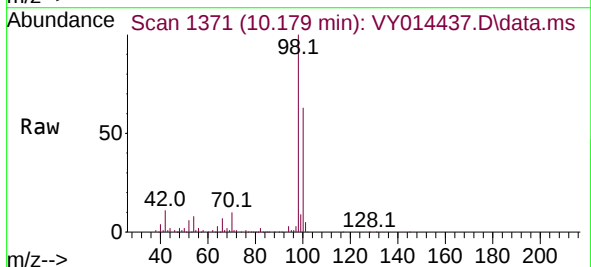
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323

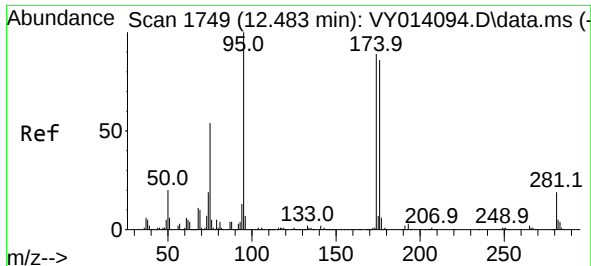
Tgt Ion:113 Resp: 23743
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 22.5 16.9 25.3



#50
Toluene-d8
Concen: 49.350 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014437.D
Acq: 26 Jun 2023 16:27

Tgt Ion: 98 Resp: 92053
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

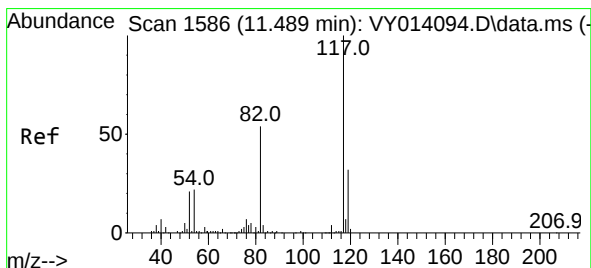
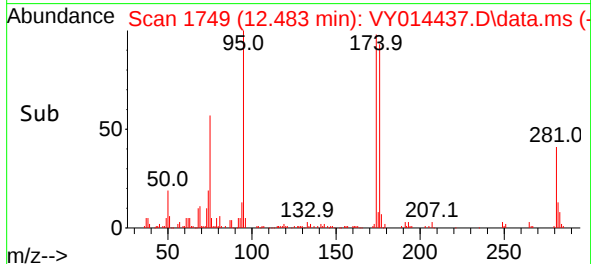
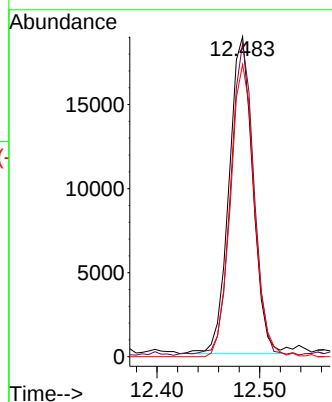
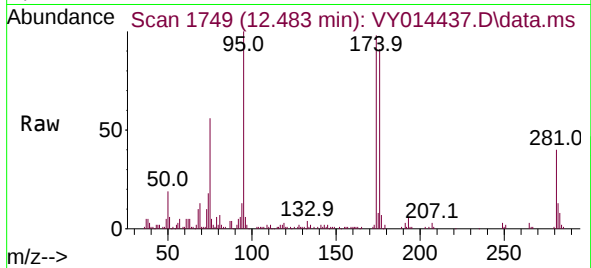




#62
4-Bromofluorobenzene
Concen: 45.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014437.D
Acq: 26 Jun 2023 16:27

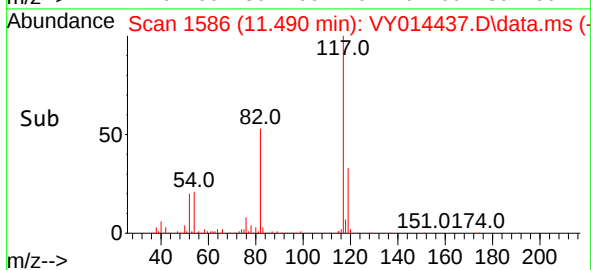
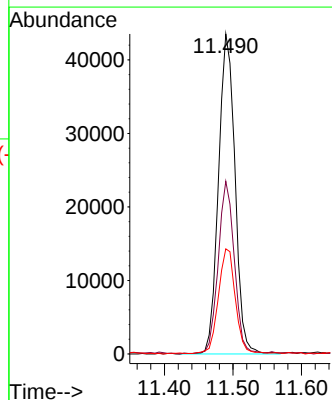
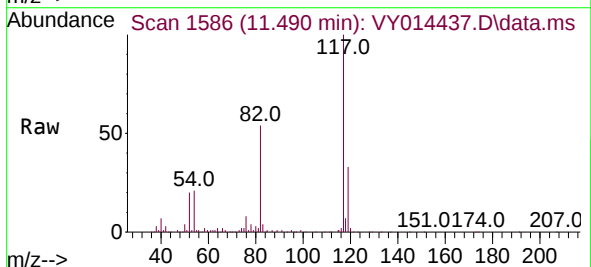
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323

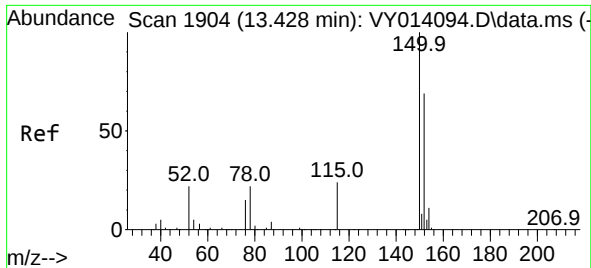
Tgt Ion: 95 Resp: 30335
Ion Ratio Lower Upper
95 100
174 96.7 0.0 178.2
176 93.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014437.D
Acq: 26 Jun 2023 16:27

Tgt Ion: 117 Resp: 72772
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014437.D
 Acq: 26 Jun 2023 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-062323

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.8	86.5
150	155.0	0.0	348.8

