

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014456.D
 Acq On : 27 Jun 2023 14:25
 Operator : KP/MD
 Sample : 03403-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1652RE

Quant Time: Jun 28 01:56:02 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)

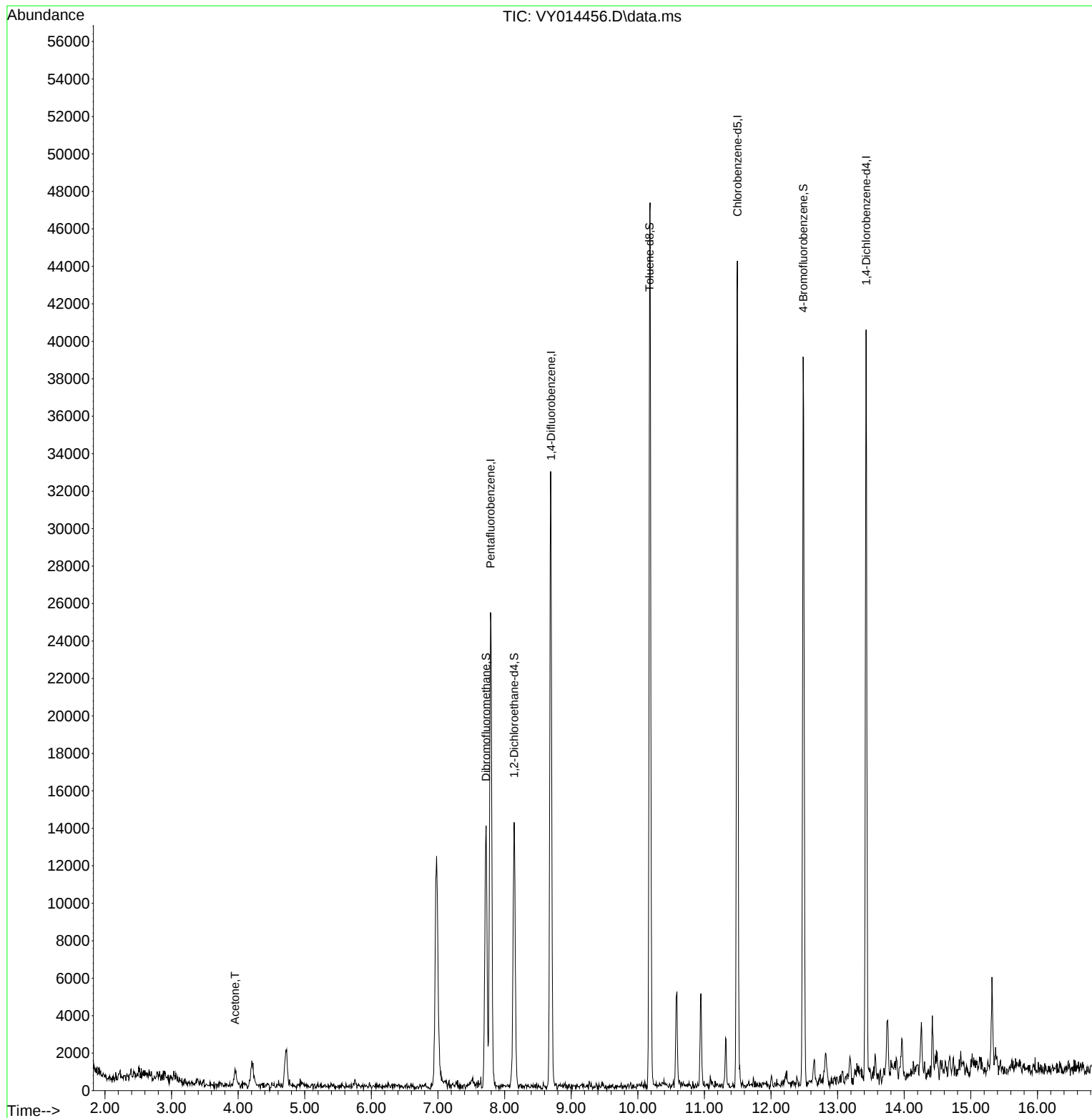
Internal Standards						
1) Pentafluorobenzene	7.789	168	20911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	28789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	24780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12593	48.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.000%
35) Dibromofluoromethane	7.722	113	9064	50.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.920%
50) Toluene-d8	10.179	98	32382	45.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.600%
62) 4-Bromofluorobenzene	12.483	95	9225	36.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.100%
Target Compounds						
16) Acetone	3.954	43	1358	16.623	ug/l	Qvalue 95

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

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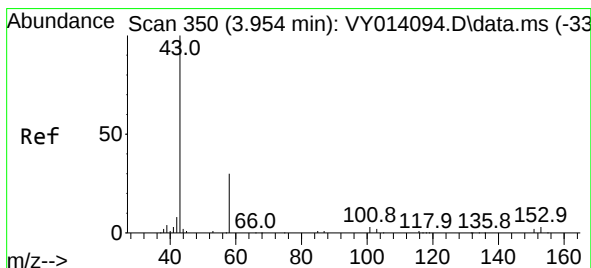
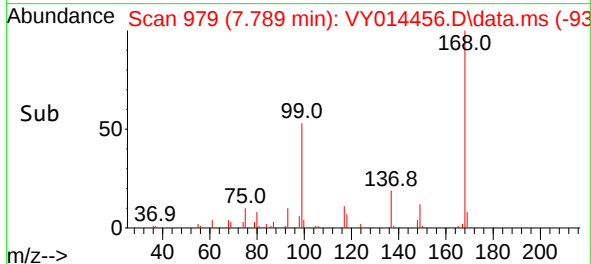
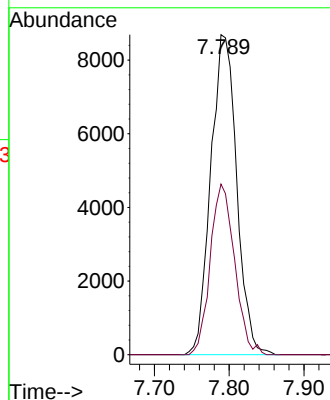
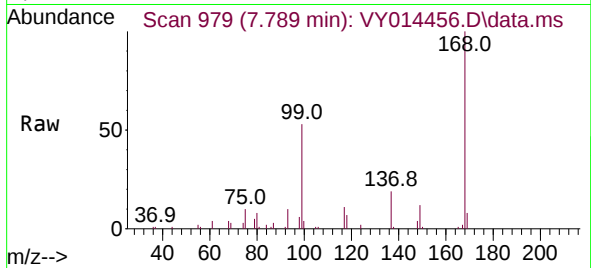




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014456.D
Acq: 27 Jun 2023 14:25

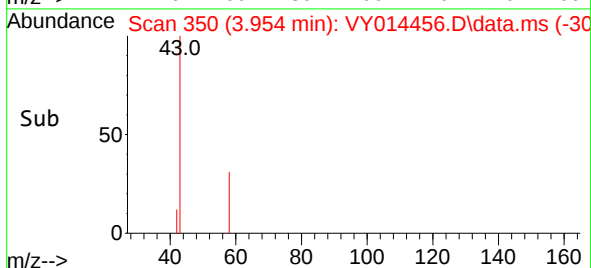
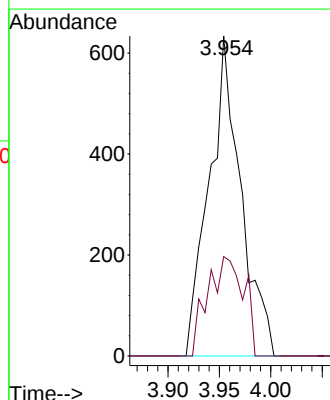
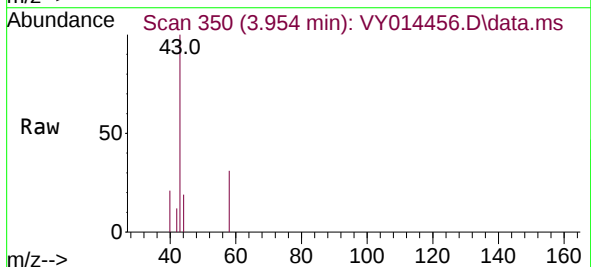
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1652RE

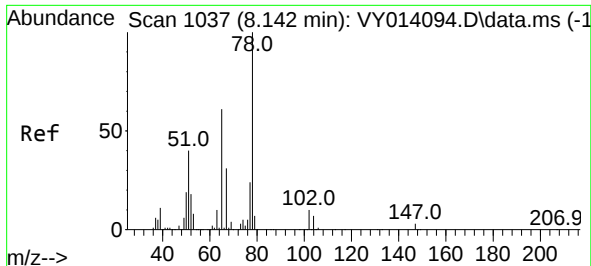
Tgt Ion:168 Resp: 20911
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#16
Acetone
Concen: 16.623 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014456.D
Acq: 27 Jun 2023 14:25

Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1

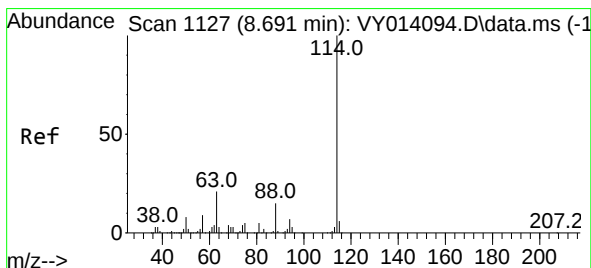
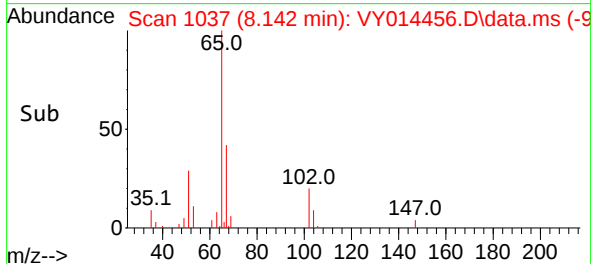
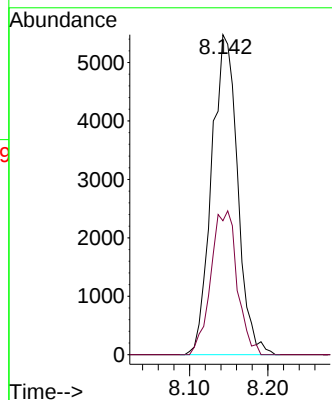
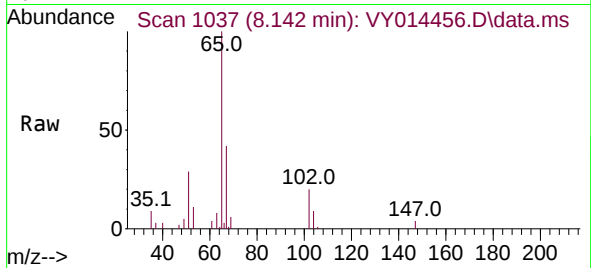




#33
 1,2-Dichloroethane-d4
 Concen: 48.504 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VY014456.D
 Acq: 27 Jun 2023 14:25

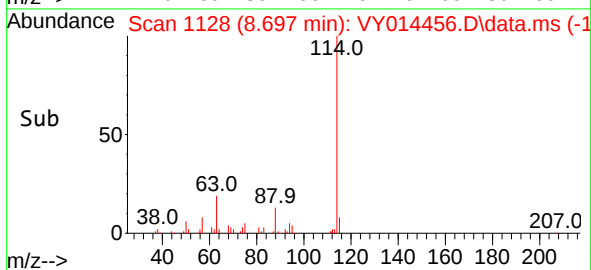
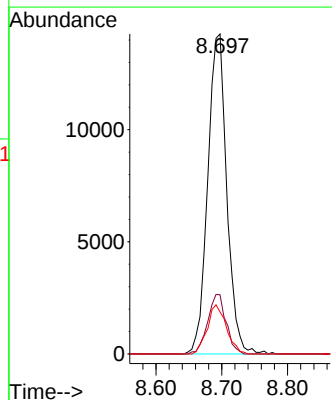
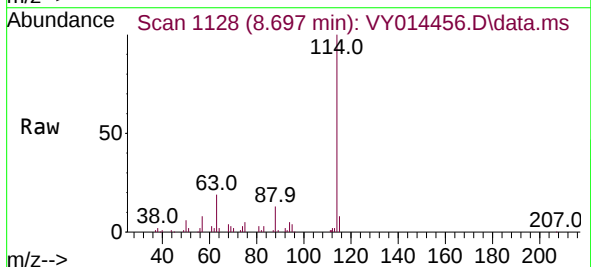
Instrument :
 MSVOA_Y
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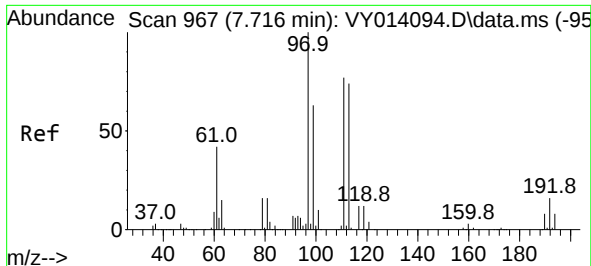
Tgt Ion: 65 Resp: 12593
 Ion Ratio Lower Upper
 65 100
 67 45.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY014456.D
 Acq: 27 Jun 2023 14:25

Tgt Ion: 114 Resp: 28789
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.4
 88 13.1 0.0 30.6

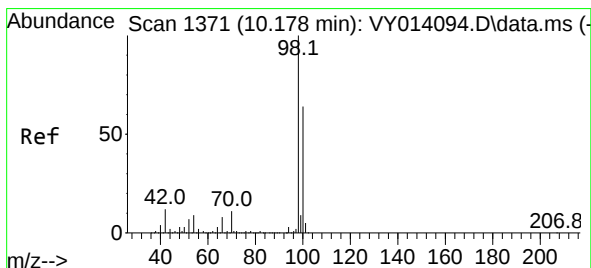
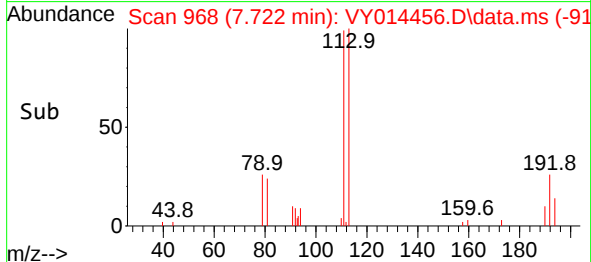
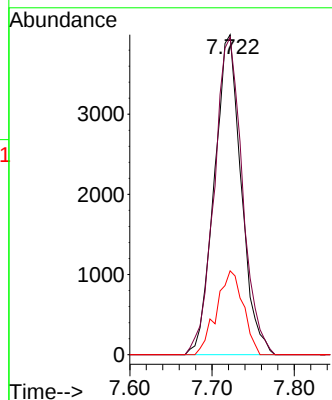
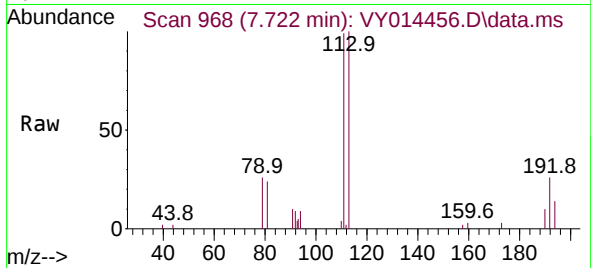




#35
Dibromofluoromethane
Concen: 50.960 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014456.D
Acq: 27 Jun 2023 14:25

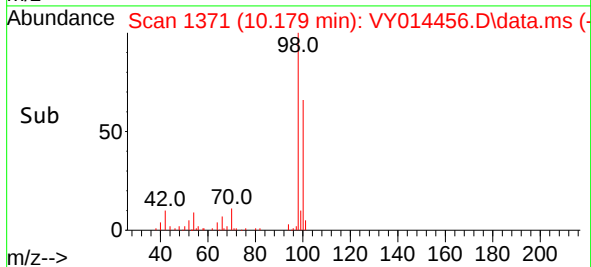
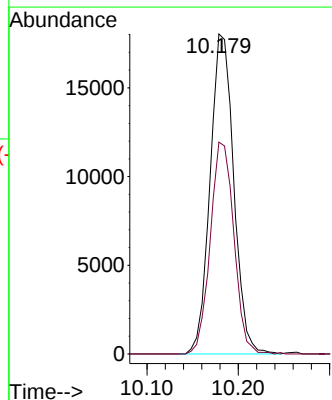
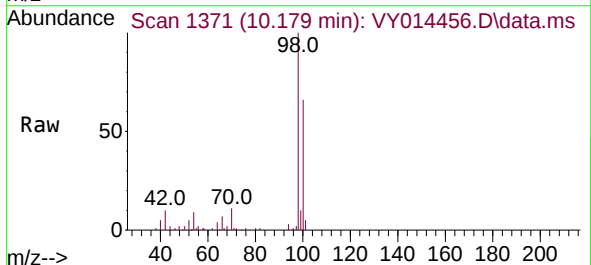
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1652RE

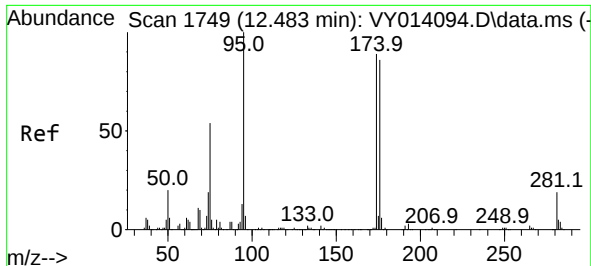
Tgt Ion:113 Resp: 9064
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 26.1 16.9 25.3#



#50
Toluene-d8
Concen: 45.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014456.D
Acq: 27 Jun 2023 14:25

Tgt Ion: 98 Resp: 32382
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

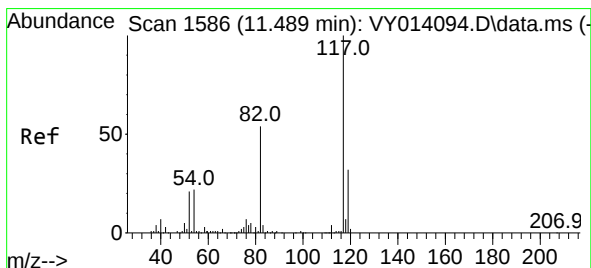
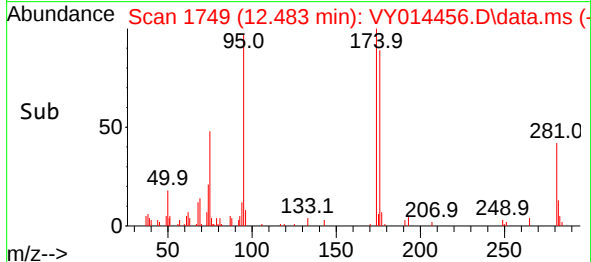
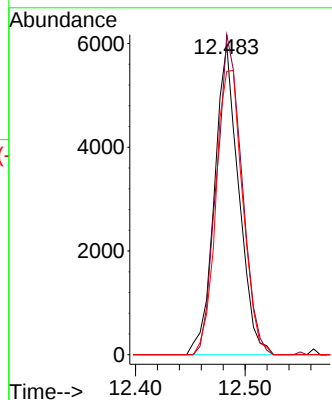
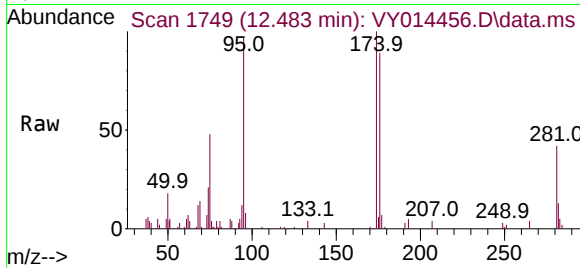




#62
4-Bromofluorobenzene
Concen: 36.547 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014456.D
Acq: 27 Jun 2023 14:25

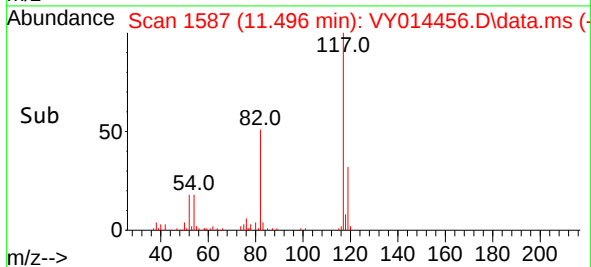
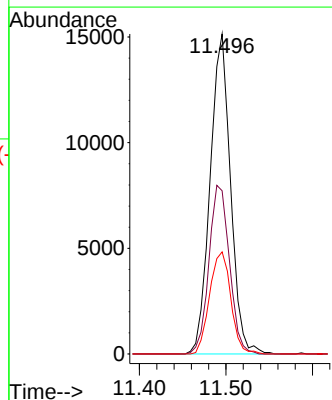
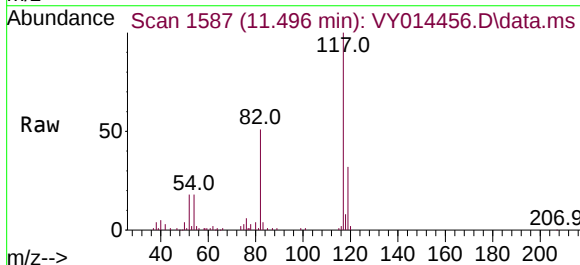
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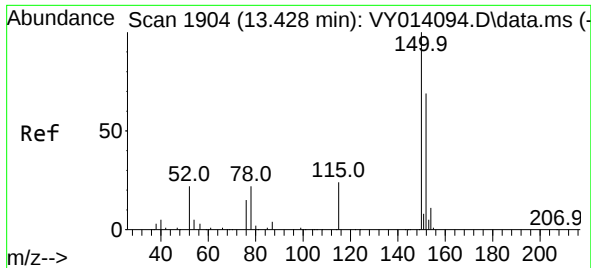
Tgt Ion: 95 Resp: 9225
Ion Ratio Lower Upper
95 100
174 107.1 0.0 178.2
176 101.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014456.D
Acq: 27 Jun 2023 14:25

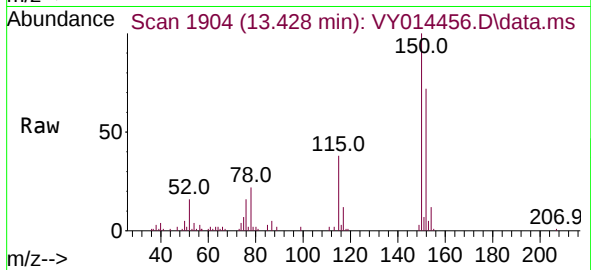
Tgt Ion: 117 Resp: 24780
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014456.D
 Acq: 27 Jun 2023 14:25

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 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	11354
Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.8	86.5
150	150.6	0.0	348.8

