

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014430.D
 Acq On : 26 Jun 2023 13:43
 Operator : KP/MD
 Sample : 03394-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1651

Quant Time: Jun 27 01:46:38 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)

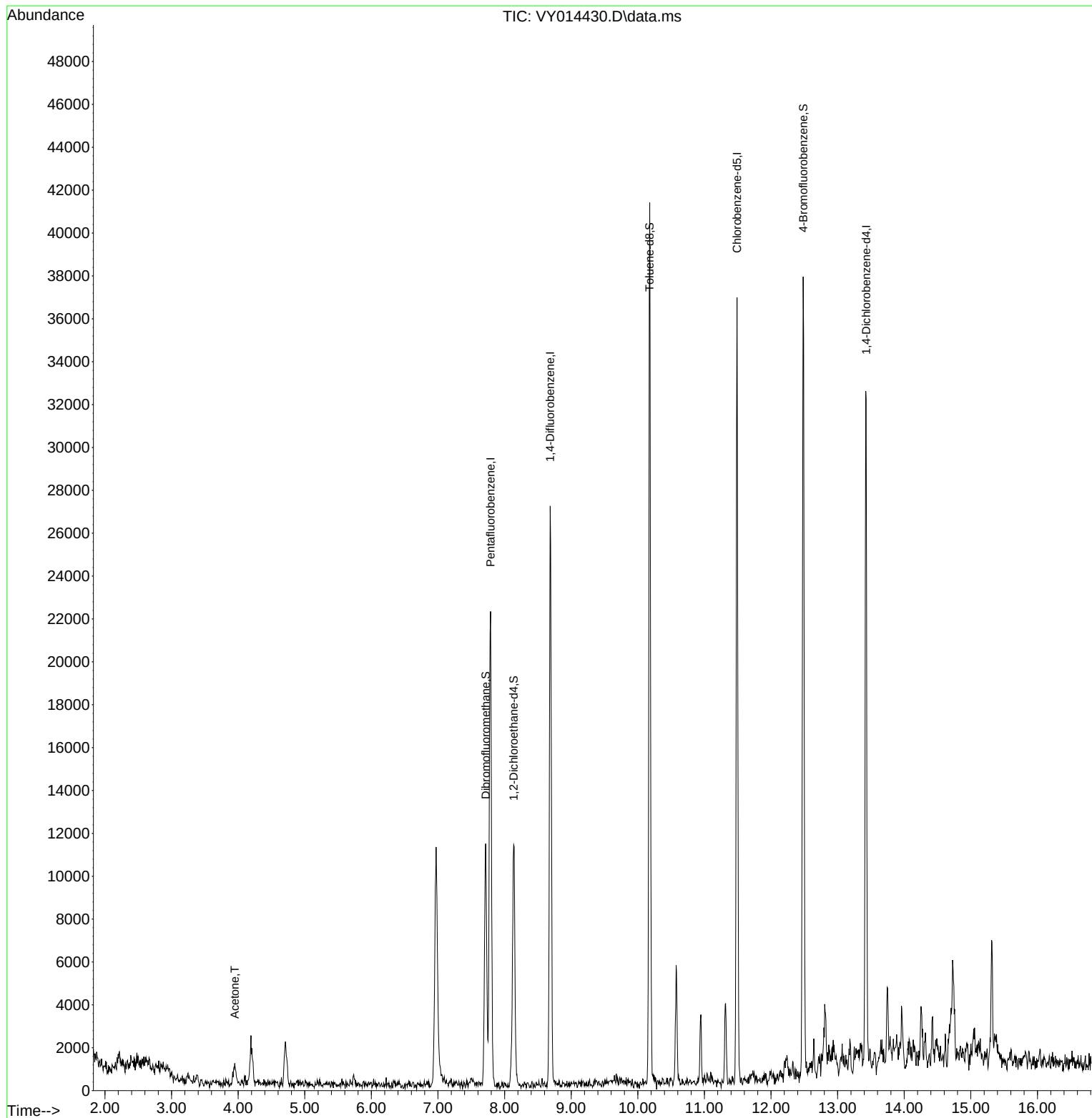
Internal Standards						
1) Pentafluorobenzene	7.789	168	17903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	20552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	10357	46.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.716	113	7326	51.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.000%
50) Toluene-d8	10.179	98	27160	47.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.483	95	7702	37.783	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.560%
Target Compounds						
16) Acetone	3.948	43	1749	25.006	ug/l	Qvalue 90

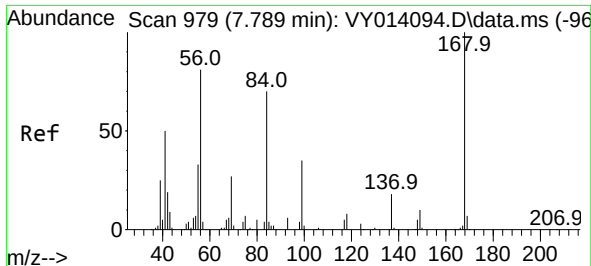
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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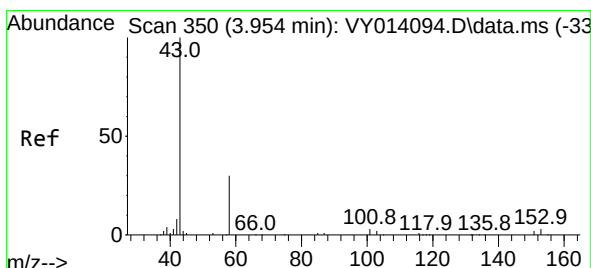
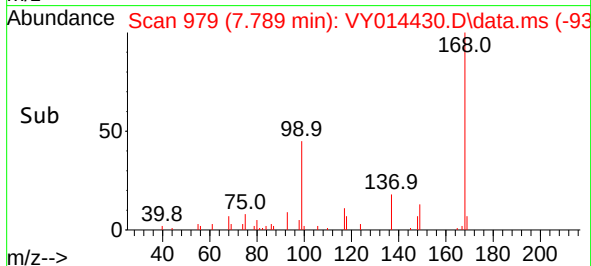
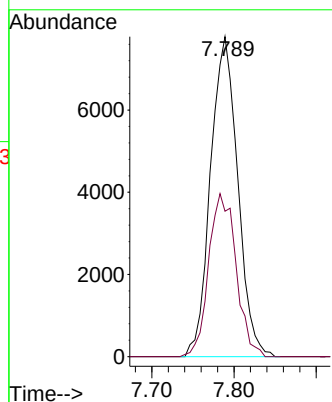
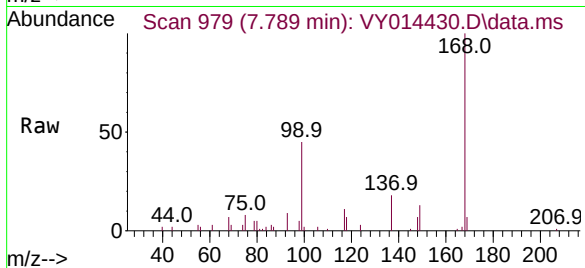




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014430.D
Acq: 26 Jun 2023 13:43

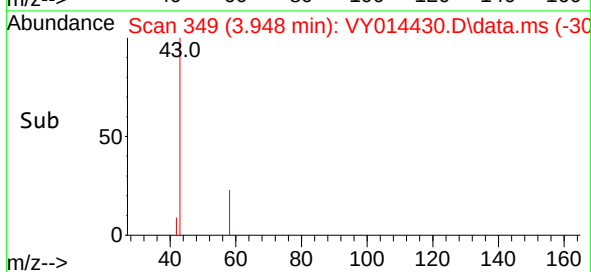
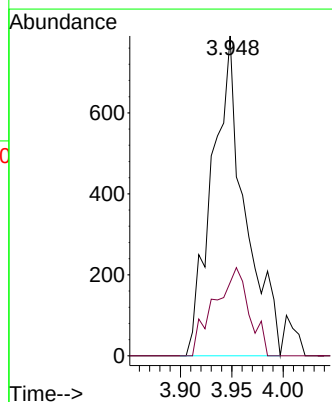
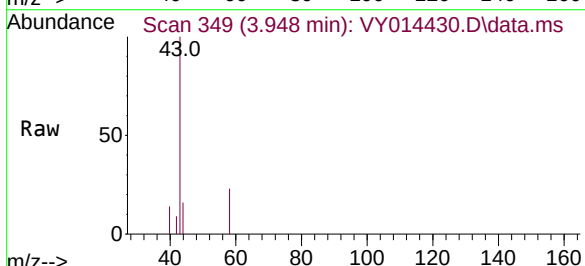
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1651

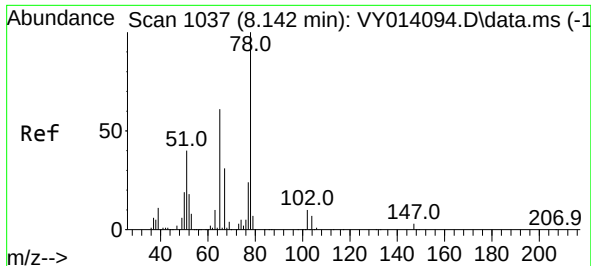
Tgt Ion:168 Resp: 17903
Ion Ratio Lower Upper
168 100
99 45.4 43.4 65.0



#16
Acetone
Concen: 25.006 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014430.D
Acq: 26 Jun 2023 13:43

Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
58 22.9 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 46.594 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VY014430.D

Acq: 26 Jun 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

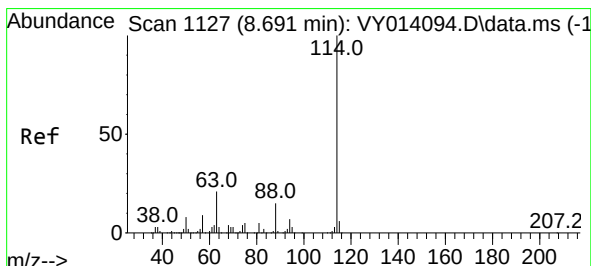
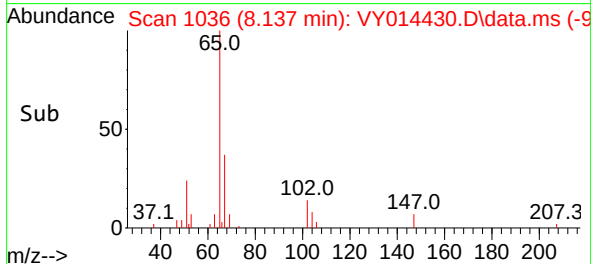
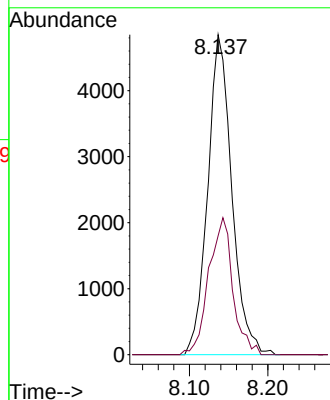
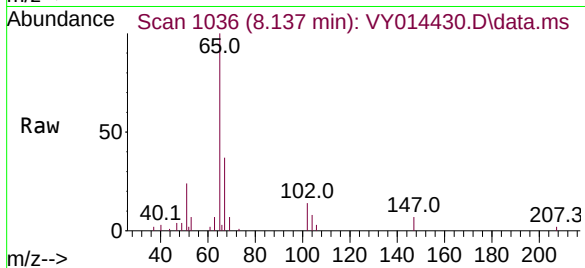
ORA-1651

Tgt Ion: 65 Resp: 10357

Ion Ratio Lower Upper

65 100

67 42.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014430.D

Acq: 26 Jun 2023 13:43

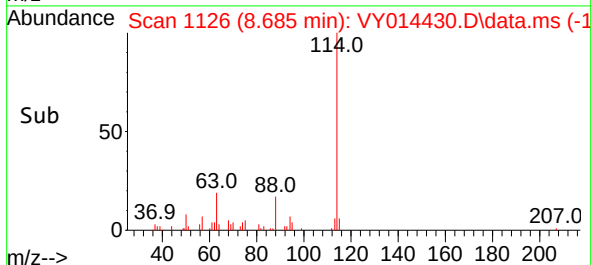
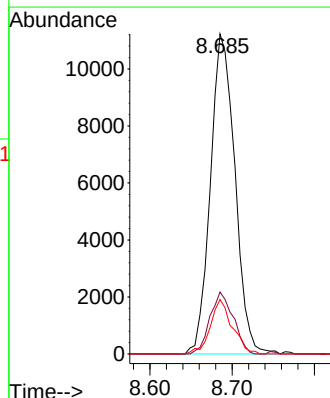
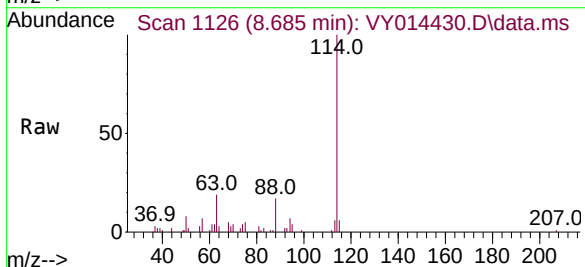
Tgt Ion: 114 Resp: 23250

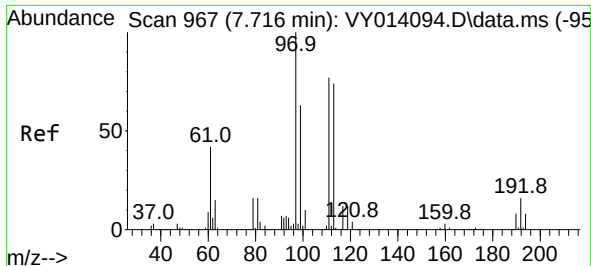
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 17.0 0.0 30.6

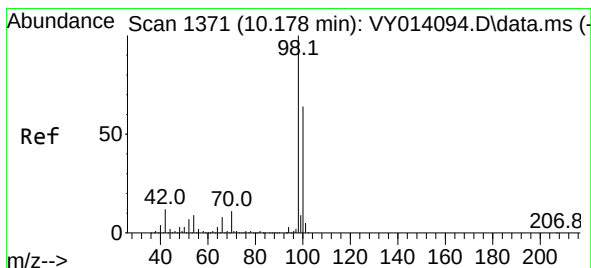
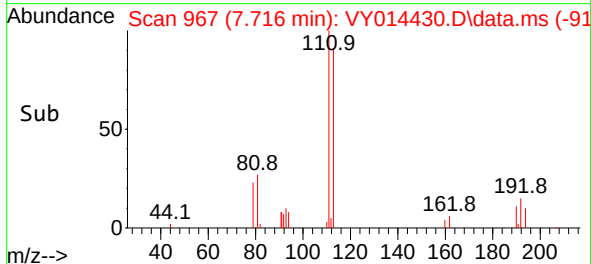
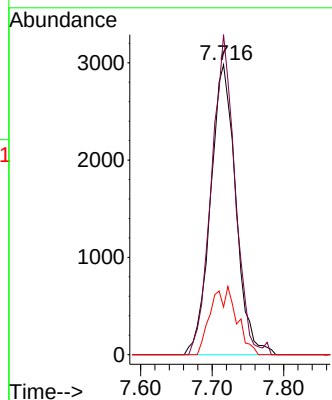
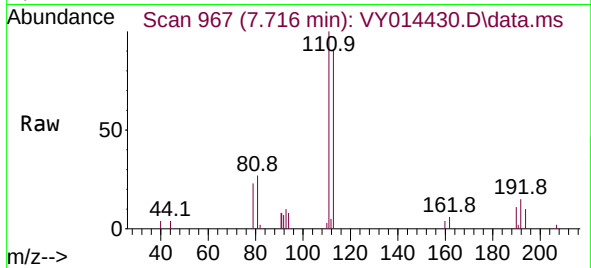




#35
Dibromofluoromethane
Concen: 51.001 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014430.D
Acq: 26 Jun 2023 13:43

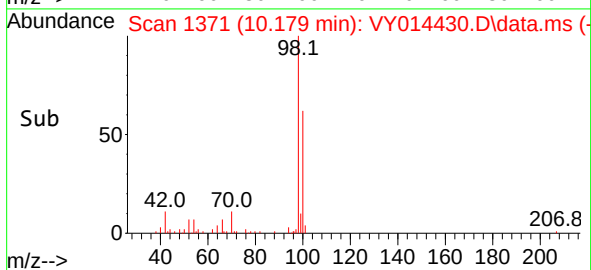
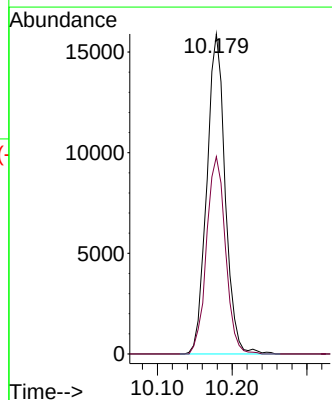
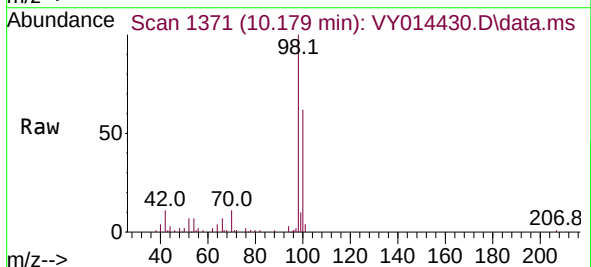
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1651

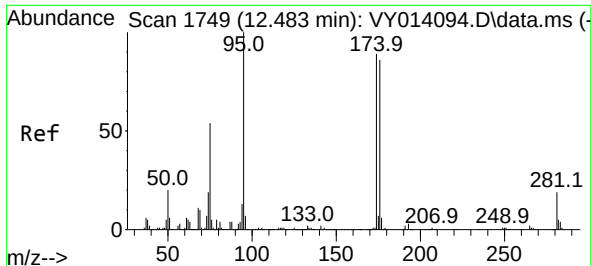
Tgt Ion:113 Resp: 7326
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 24.1 16.9 25.3



#50
Toluene-d8
Concen: 47.566 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014430.D
Acq: 26 Jun 2023 13:43

Tgt Ion: 98 Resp: 27160
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

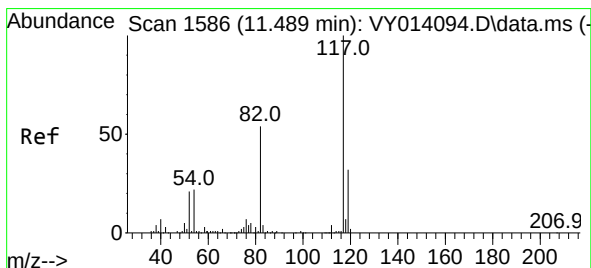
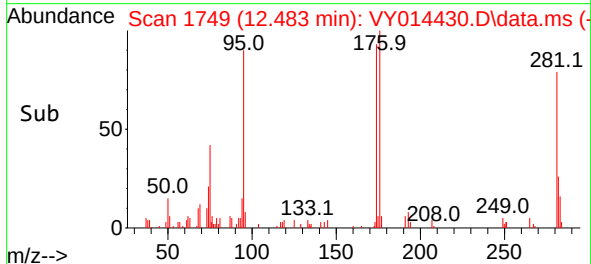
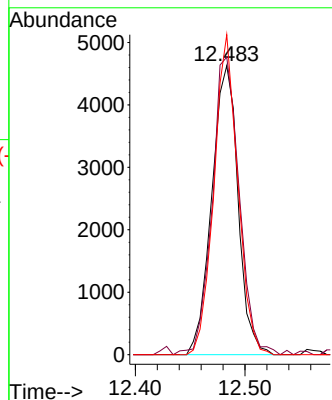
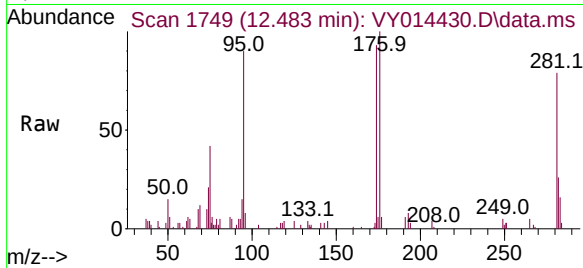




#62
4-Bromofluorobenzene
Concen: 37.783 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014430.D
Acq: 26 Jun 2023 13:43

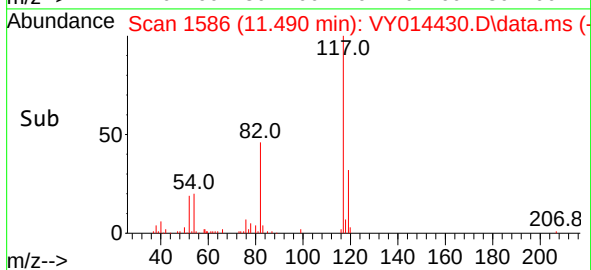
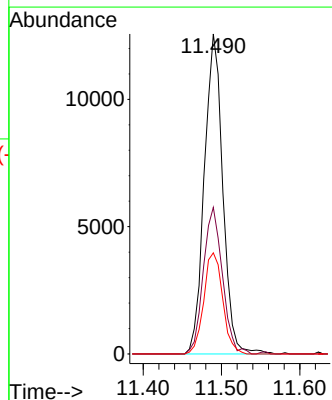
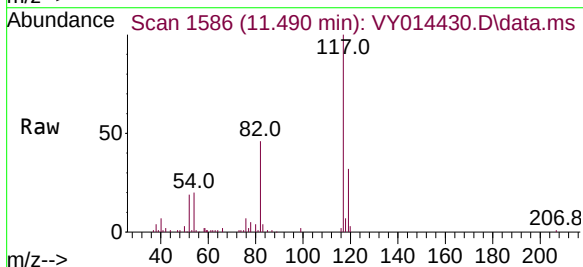
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1651

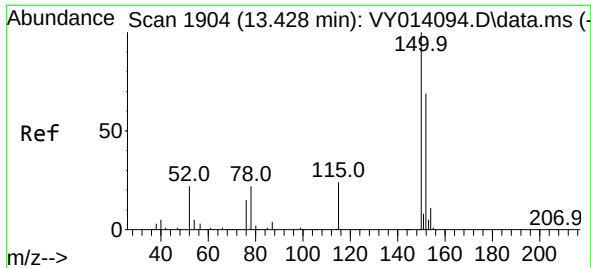
Tgt Ion:	95	Resp:	7702
Ion	Ratio	Lower	Upper
95	100		
174	106.1	0.0	178.2
176	100.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014430.D
Acq: 26 Jun 2023 13:43

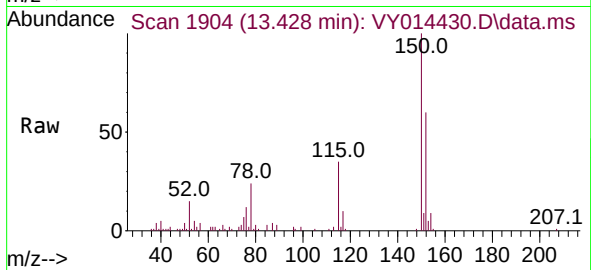
Tgt Ion:	117	Resp:	20552
Ion	Ratio	Lower	Upper
117	100		
82	45.8	43.4	65.0
119	31.6	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014430.D
 Acq: 26 Jun 2023 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1651



Tgt Ion:	152	Resp:	8793
Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.8	86.5
150	156.4	0.0	348.8

