

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014436.D
 Acq On : 26 Jun 2023 16:03
 Operator : KP/MD
 Sample : 03403-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1652

Quant Time: Jun 27 01:48:43 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)

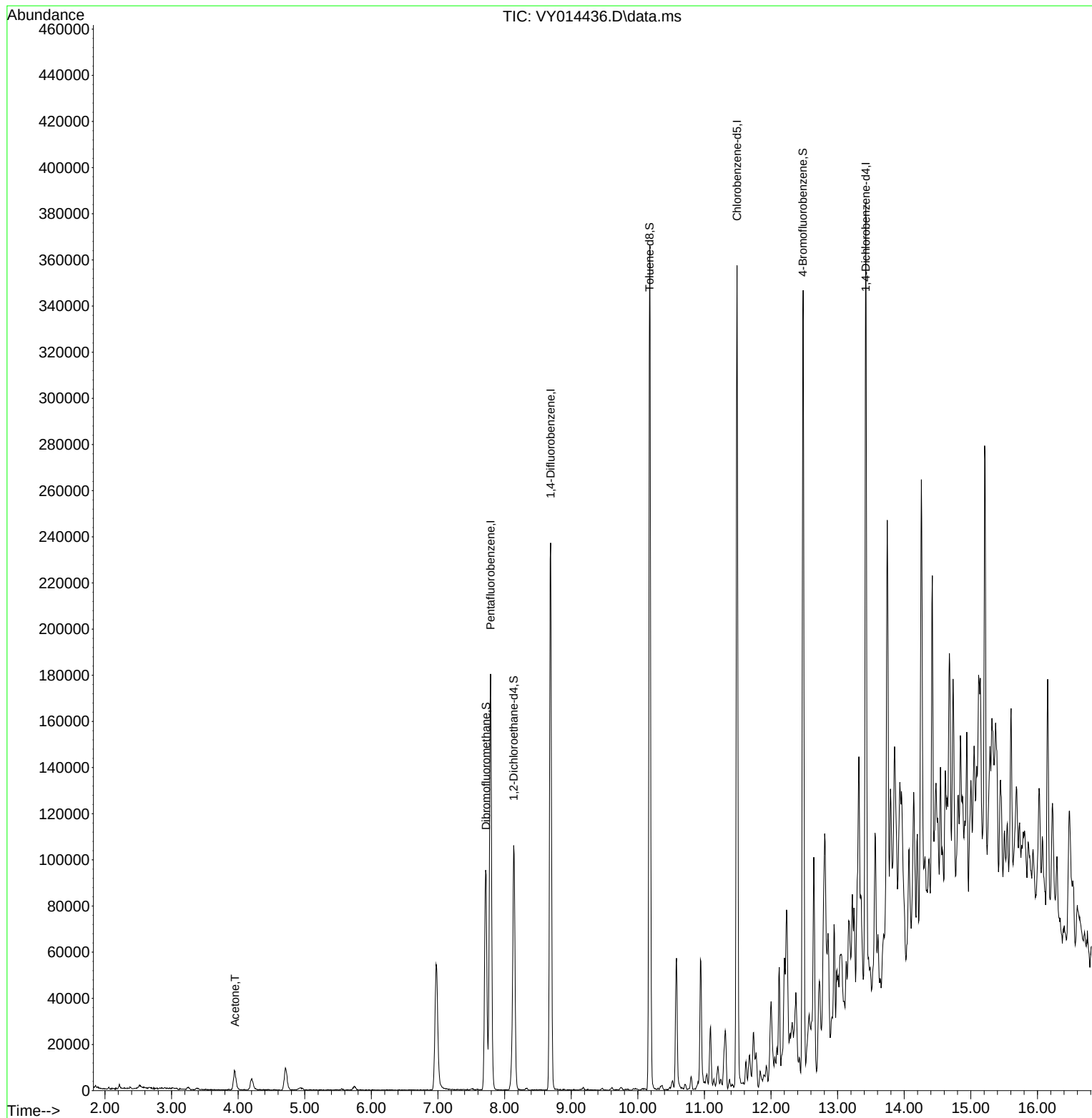
Internal Standards						
1) Pentafluorobenzene	7.789	168	138356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90091	52.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.900%
35) Dibromofluoromethane	7.722	113	64756	51.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.360%
50) Toluene-d8	10.179	98	240458	47.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.477	95	82084	45.716	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.440%
Target Compounds						
16) Acetone	3.954	43	15240	28.194	ug/l	Qvalue 97

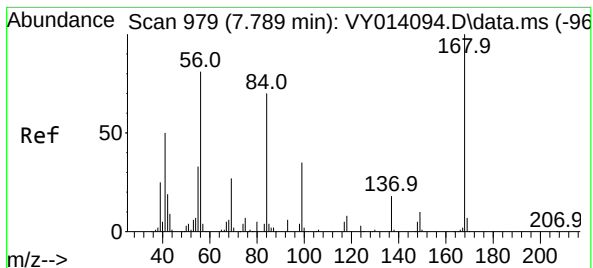
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY014436.D

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MSVOA_Y

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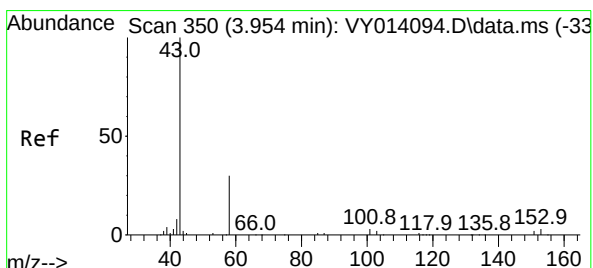
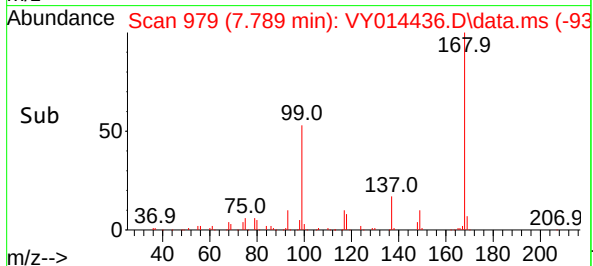
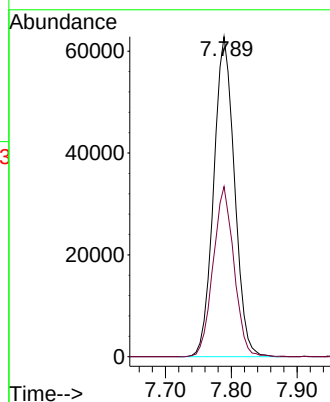
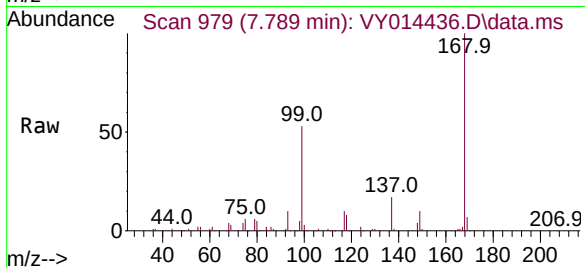
ORA-1652

Tgt Ion:168 Resp: 138356

Ion Ratio Lower Upper

168 100

99 53.2 43.4 65.0



#16

Acetone

Concen: 28.194 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY014436.D

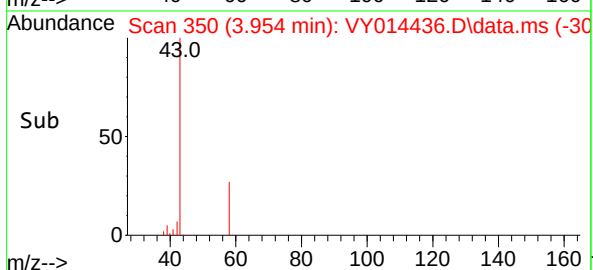
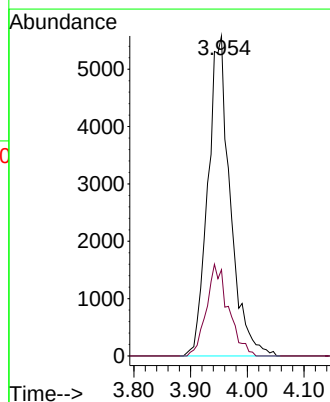
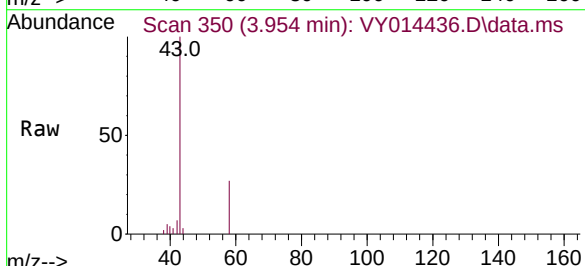
Acq: 26 Jun 2023 16:03

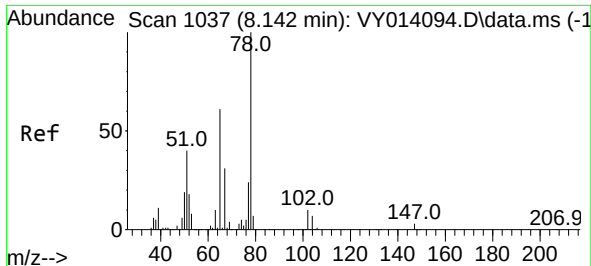
Tgt Ion: 43 Resp: 15240

Ion Ratio Lower Upper

43 100

58 27.0 22.7 34.1

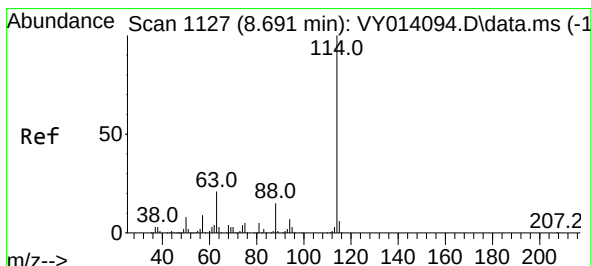
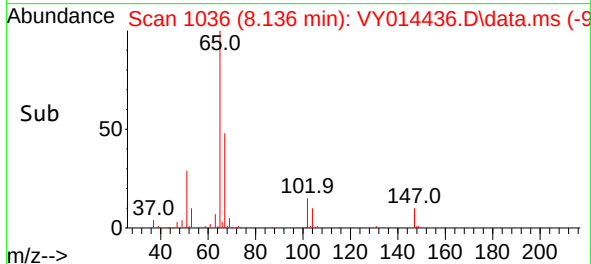
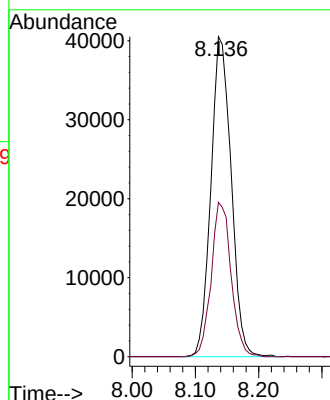
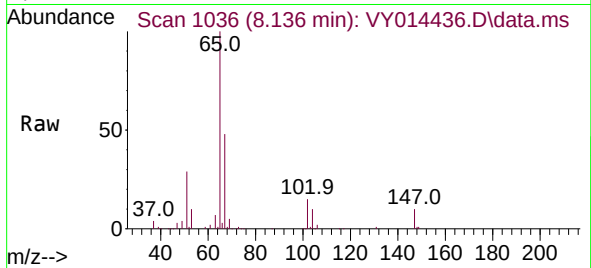




#33
 1,2-Dichloroethane-d4
 Concen: 52.445 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014436.D
 Acq: 26 Jun 2023 16:03

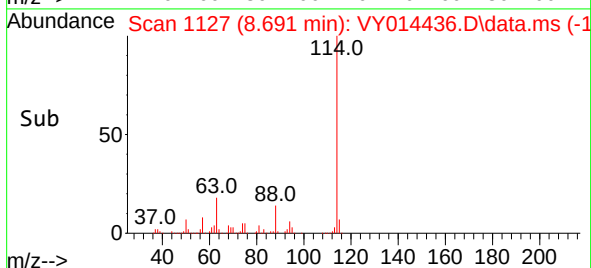
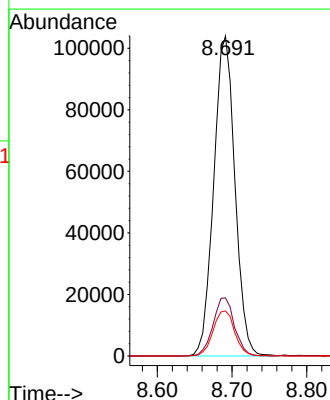
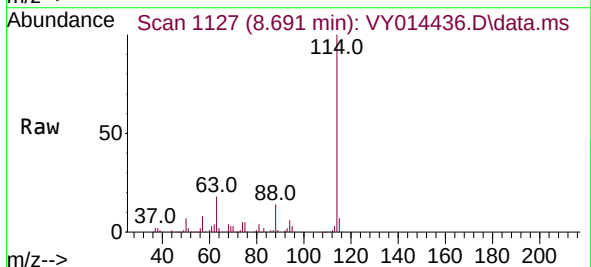
Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1652

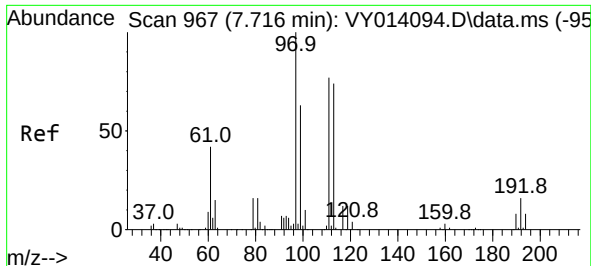
Tgt Ion: 65 Resp: 90091
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014436.D
 Acq: 26 Jun 2023 16:03

Tgt Ion: 114 Resp: 204785
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 42.4
 88 14.0 0.0 30.6

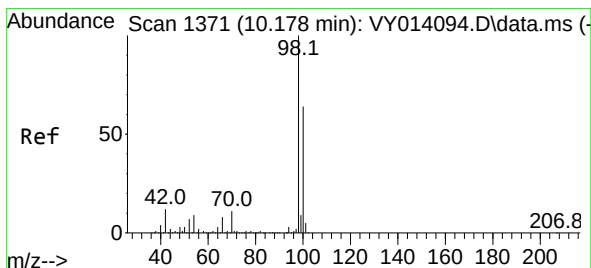
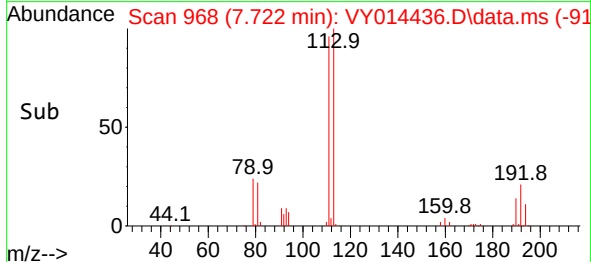
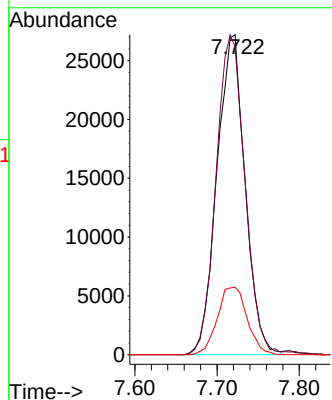
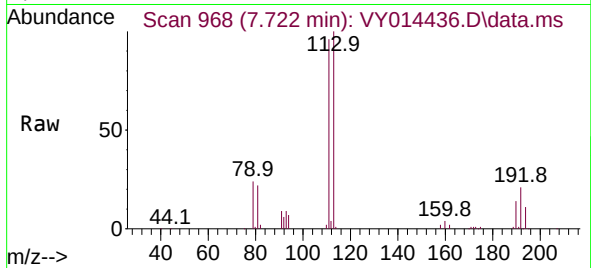




#35
Dibromofluoromethane
Concen: 51.182 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014436.D
Acq: 26 Jun 2023 16:03

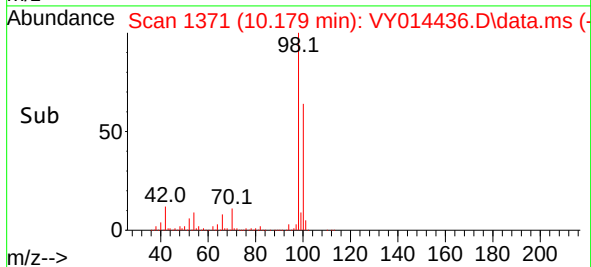
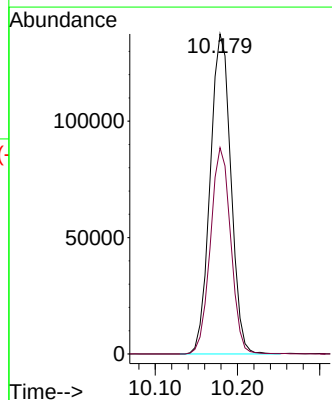
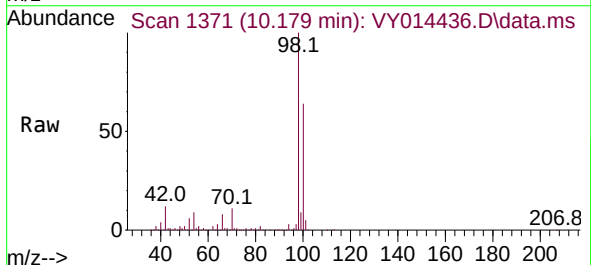
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1652

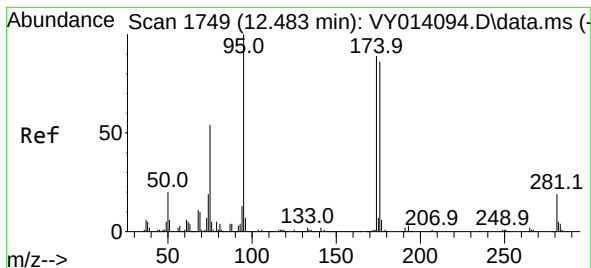
Tgt Ion:113 Resp: 64756
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 22.3 16.9 25.3



#50
Toluene-d8
Concen: 47.811 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014436.D
Acq: 26 Jun 2023 16:03

Tgt Ion: 98 Resp: 240458
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

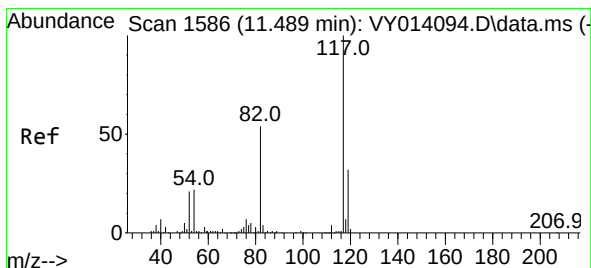
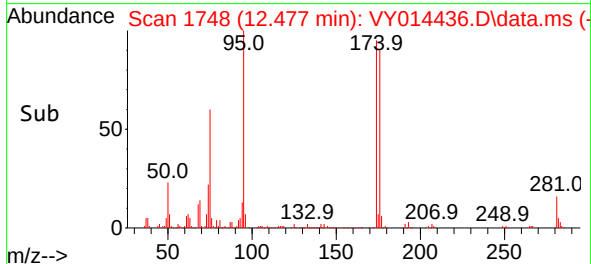
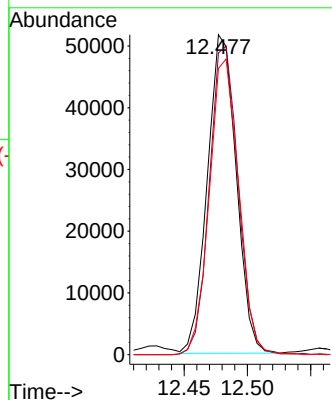
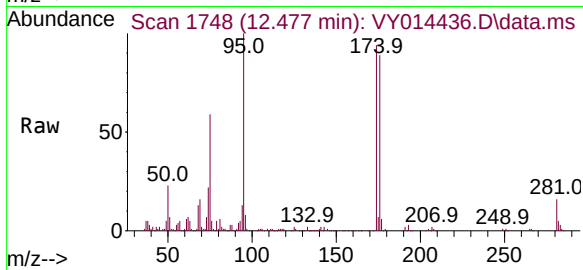




#62
4-Bromofluorobenzene
Concen: 45.716 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014436.D
Acq: 26 Jun 2023 16:03

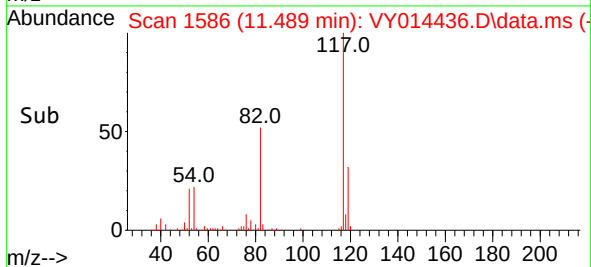
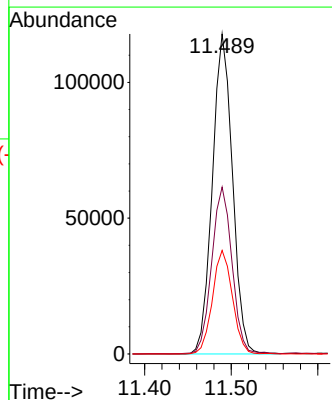
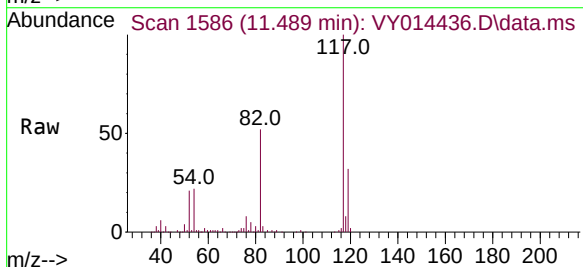
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1652

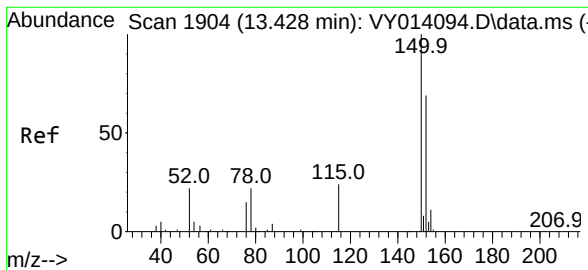
Tgt Ion: 95 Resp: 82084
Ion Ratio Lower Upper
95 100
174 96.8 0.0 178.2
176 94.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014436.D
Acq: 26 Jun 2023 16:03

Tgt Ion: 117 Resp: 190220
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014436.D
 Acq: 26 Jun 2023 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1652

Tgt Ion:152 Resp: 87380
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.8 86.5
 150 155.4 0.0 348.8

