

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018609.D
 Acq On : 17 Jun 2024 14:51
 Operator : SY/MD
 Sample : P2859-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-06122024RE

Quant Time: Jun 17 17:59:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

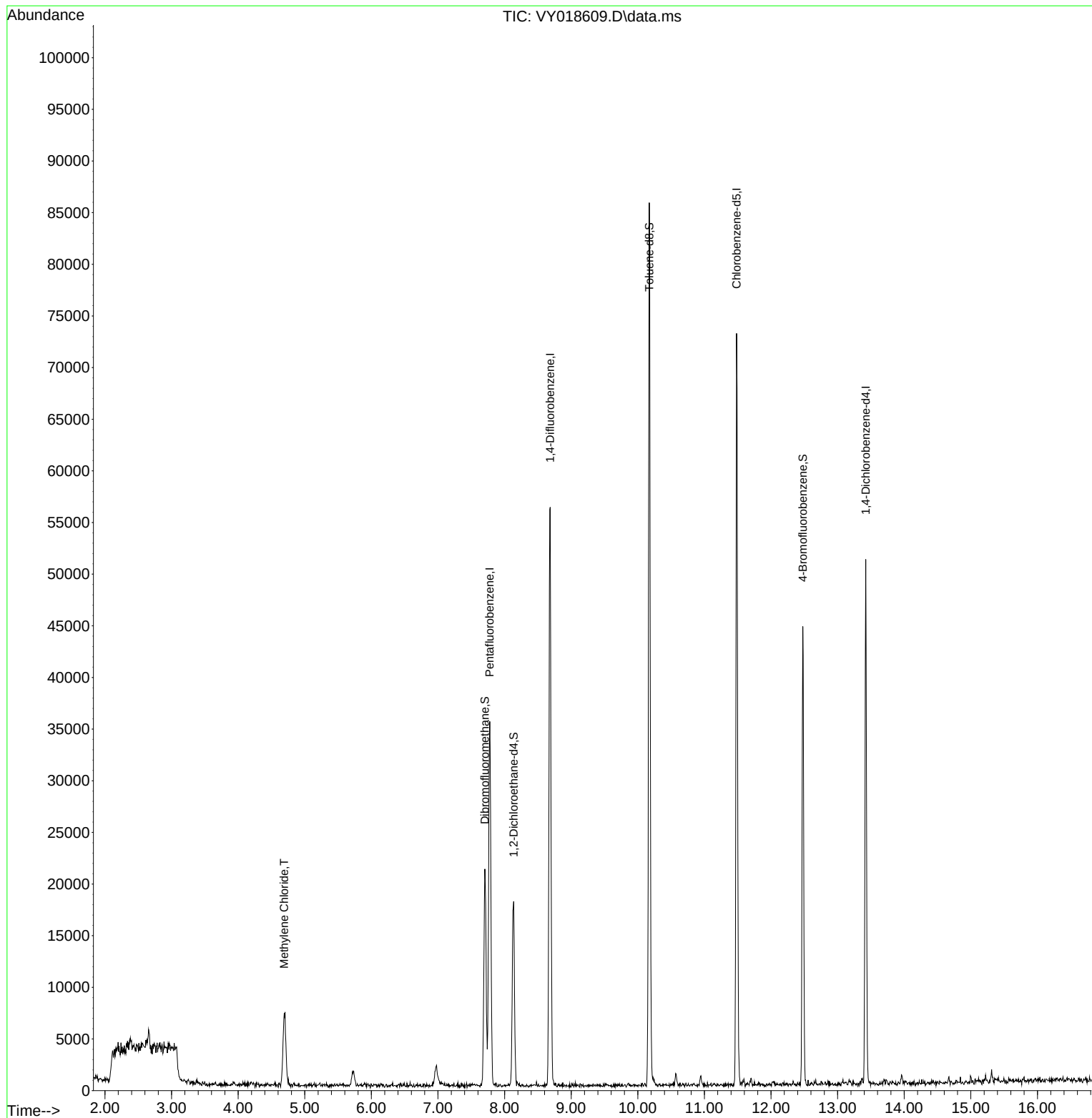
Internal Standards						
1) Pentafluorobenzene	7.777	168	28167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	49965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	39712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	14027	49.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.920%
35) Dibromofluoromethane	7.704	113	14858	48.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.173	98	56243	47.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.477	95	13631	36.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.660%
Target Compounds						Qvalue
20) Methylene Chloride	4.692	84	5489	7.892	ug/l	# 87

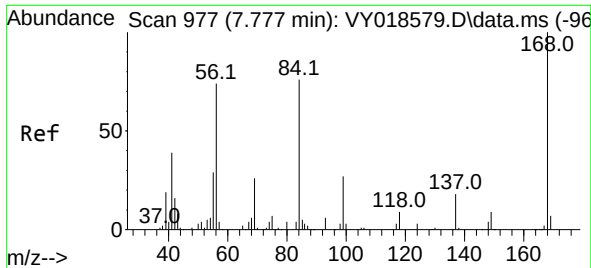
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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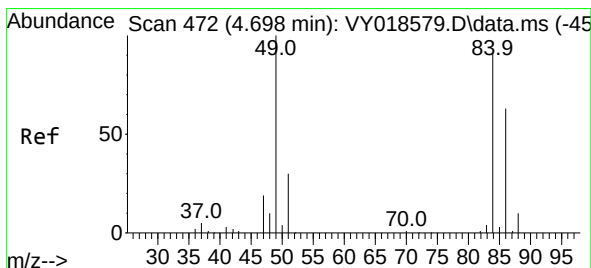
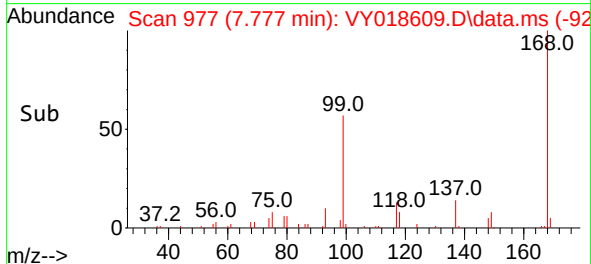
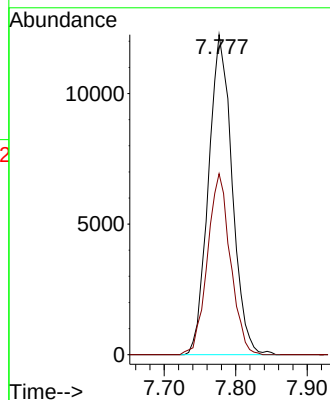
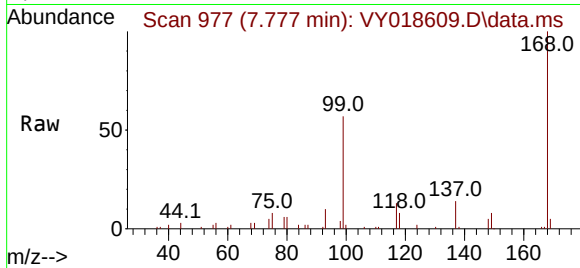




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018609.D
Acq: 17 Jun 2024 14:51

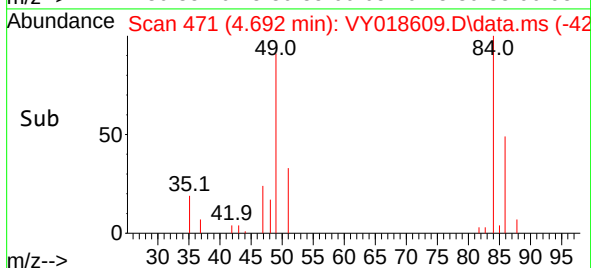
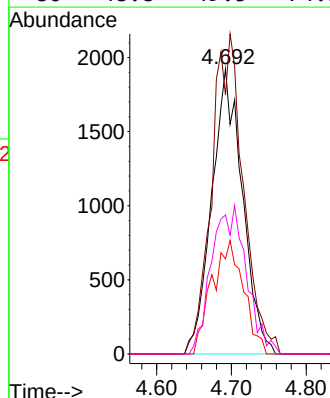
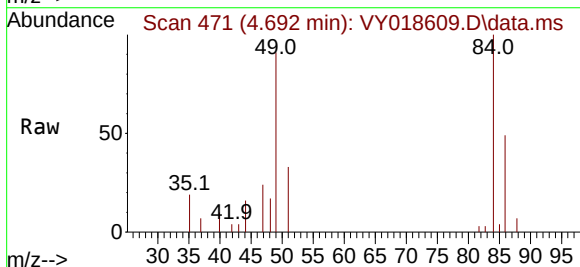
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-06122024RE

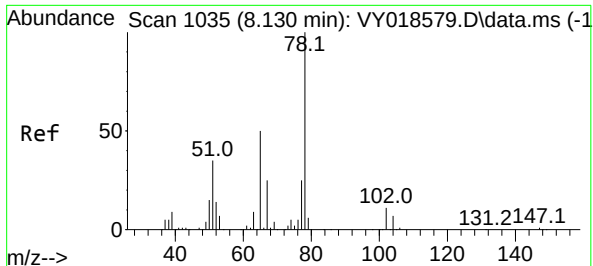
Tgt Ion:168 Resp: 28167
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#20
Methylene Chloride
Concen: 7.892 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018609.D
Acq: 17 Jun 2024 14:51

Tgt Ion: 84 Resp: 5489
Ion Ratio Lower Upper
84 100
49 90.9 84.4 126.6
51 33.3 26.0 39.0
86 48.8 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 49.464 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY018609.D

Acq: 17 Jun 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

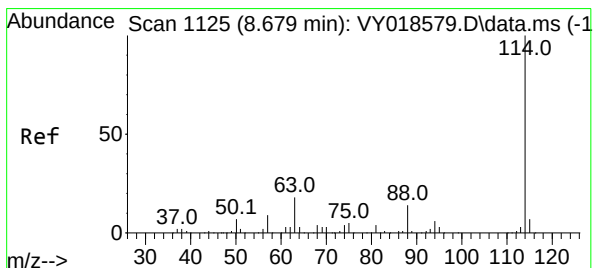
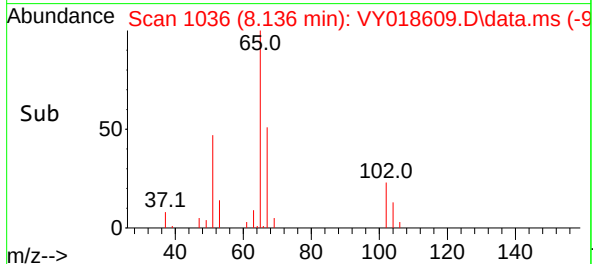
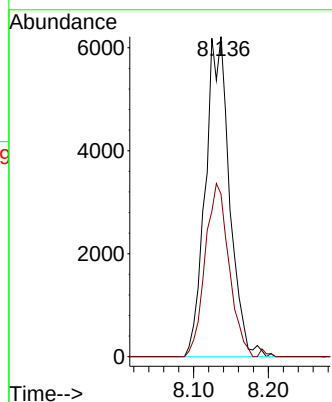
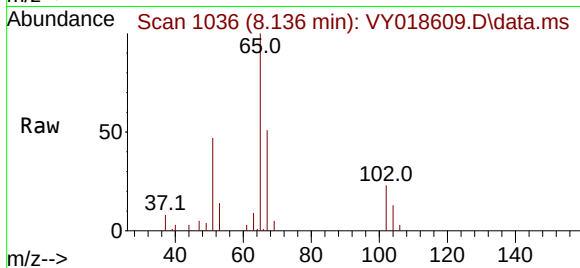
OK-02-06122024RE

Tgt Ion: 65 Resp: 14027

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018609.D

Acq: 17 Jun 2024 14:51

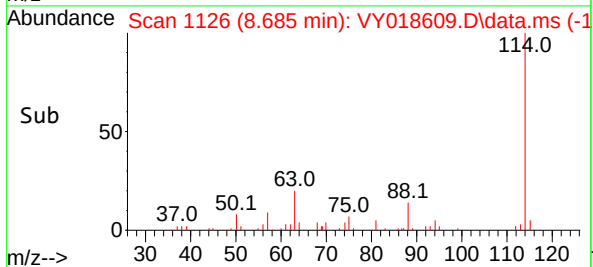
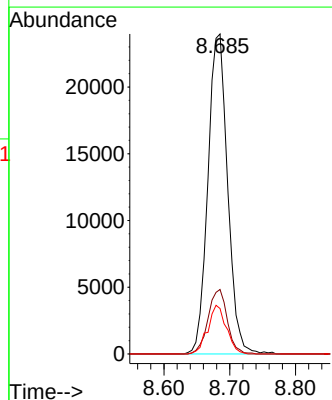
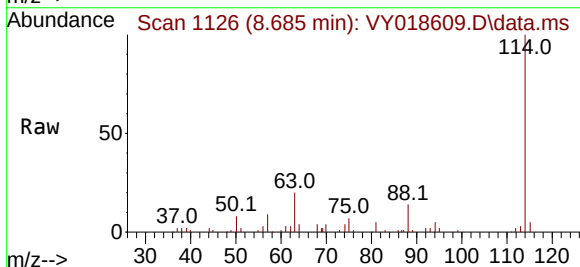
Tgt Ion: 114 Resp: 49965

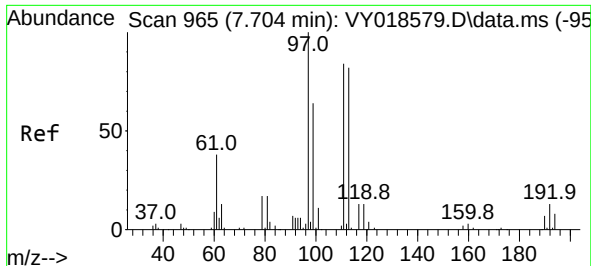
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 14.2 0.0 27.2

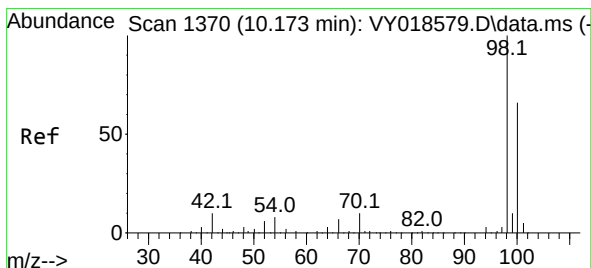
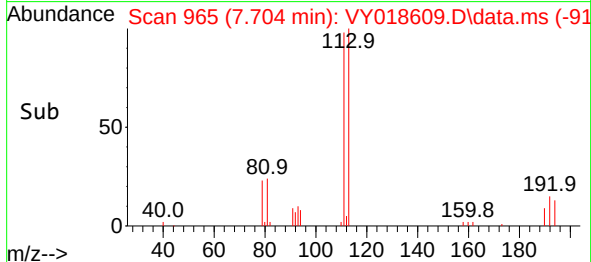
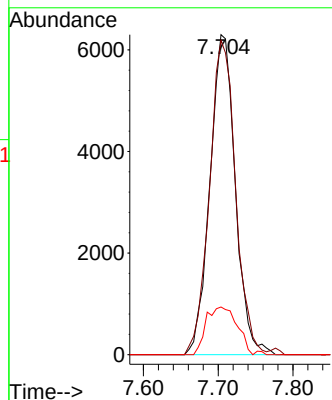
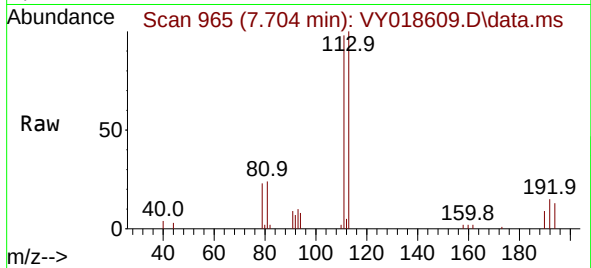




#35
Dibromofluoromethane
Concen: 48.747 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018609.D
Acq: 17 Jun 2024 14:51

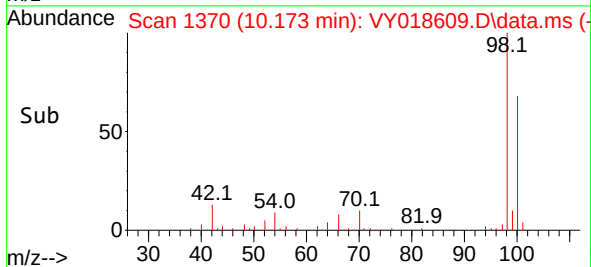
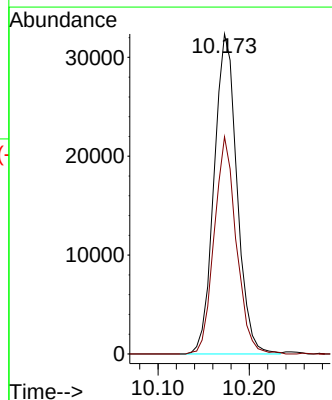
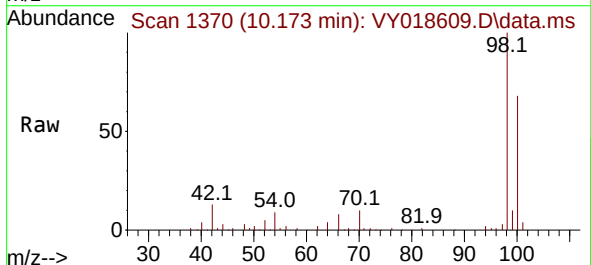
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-06122024RE

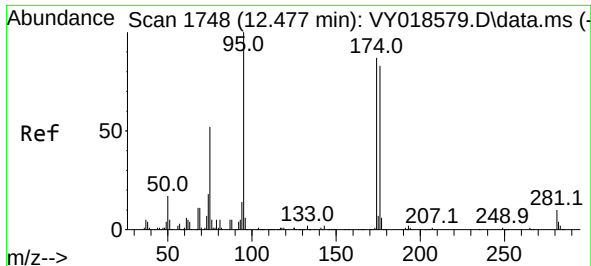
Tgt Ion:113 Resp: 14858
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 18.2 15.9 23.9



#50
Toluene-d8
Concen: 47.983 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018609.D
Acq: 17 Jun 2024 14:51

Tgt Ion: 98 Resp: 56243
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

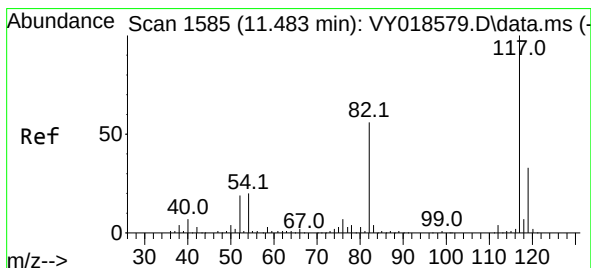
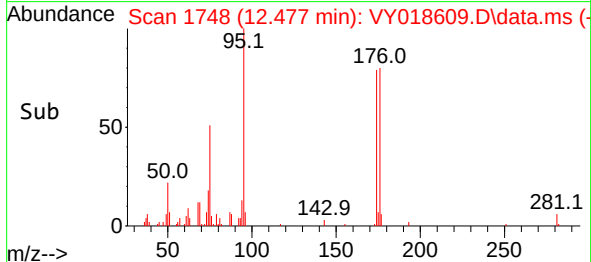
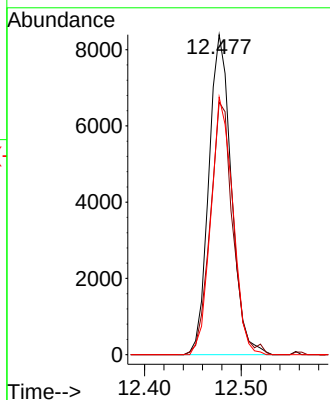
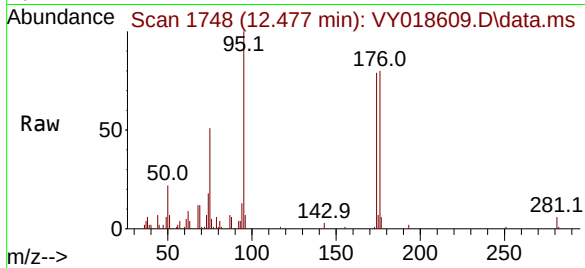




#62
4-Bromofluorobenzene
Concen: 36.828 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018609.D
Acq: 17 Jun 2024 14:51

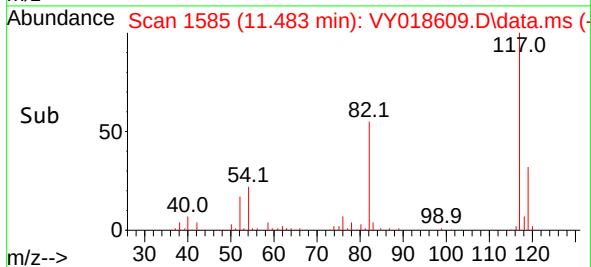
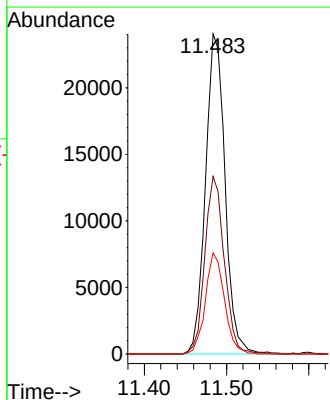
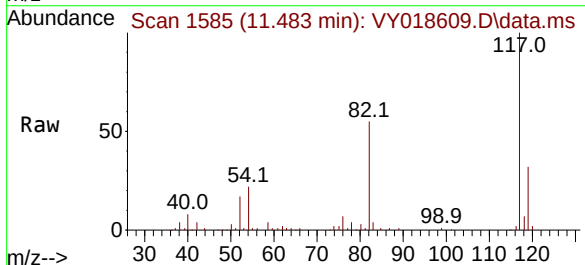
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-06122024RE

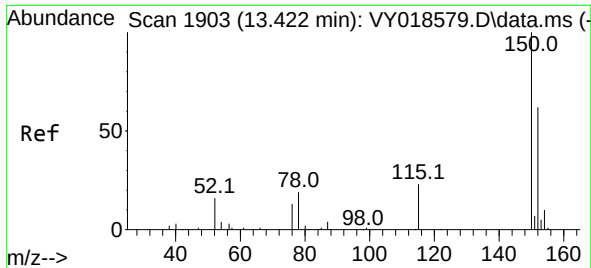
Tgt Ion:	95	Resp:	13631
Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	175.6
176	78.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018609.D
Acq: 17 Jun 2024 14:51

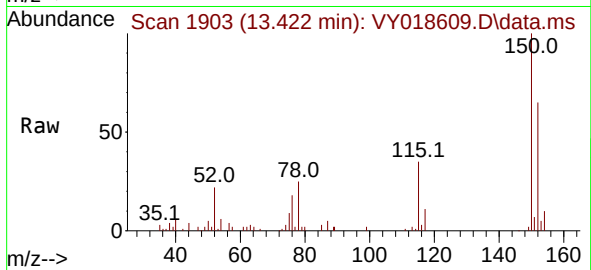
Tgt Ion:	117	Resp:	39712
Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.4	63.6
119	31.6	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018609.D
 Acq: 17 Jun 2024 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-06122024RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	164.8	0.0	345.6

