

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018655.D
 Acq On : 20 Jun 2024 14:40
 Operator : SY/MD
 Sample : P2955-02RE
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VK-1-VOCRE

Quant Time: Jun 21 01:07:06 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)

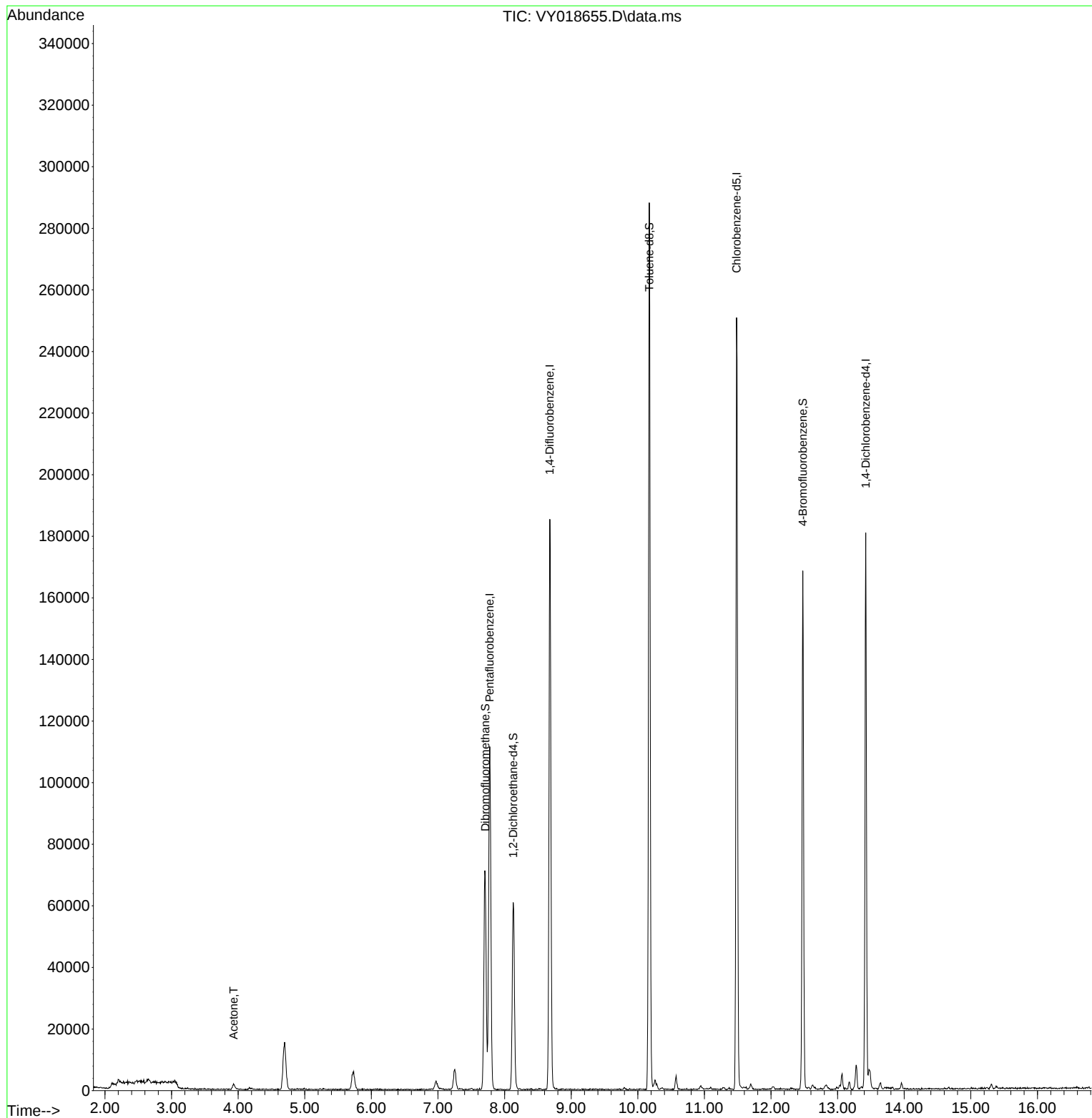
Internal Standards						
1) Pentafluorobenzene	7.776	168	87516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	162175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	141123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47181	53.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.709	113	50911	51.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.920%	
50) Toluene-d8	10.172	98	187984	49.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	12.477	95	49098	40.869	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.740%	
Target Compounds						Qvalue
16) Acetone	3.930	43	3046	16.992	ug/l	94

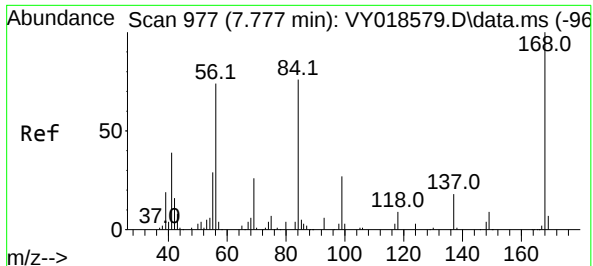
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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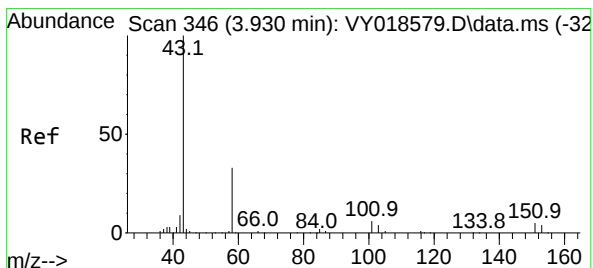
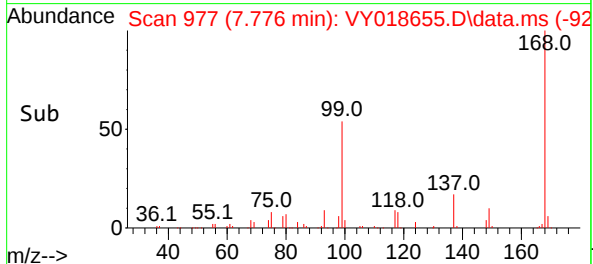
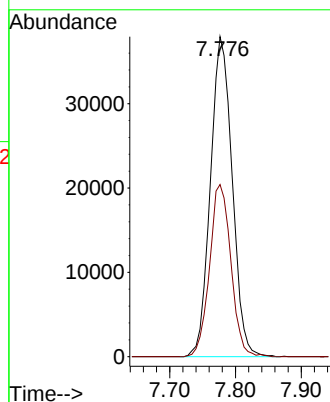
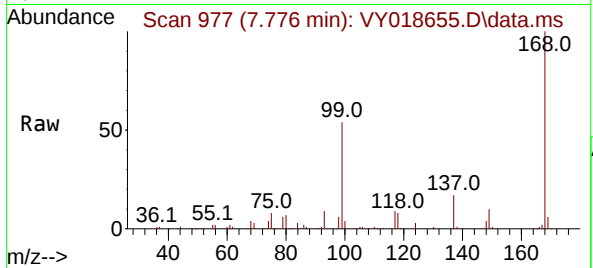




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

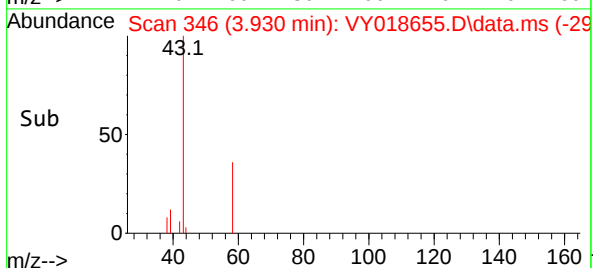
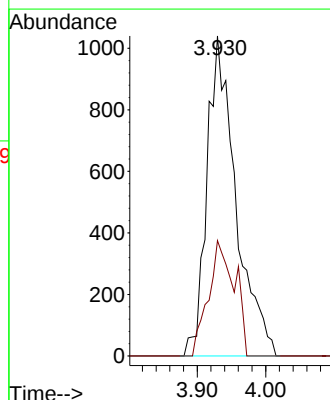
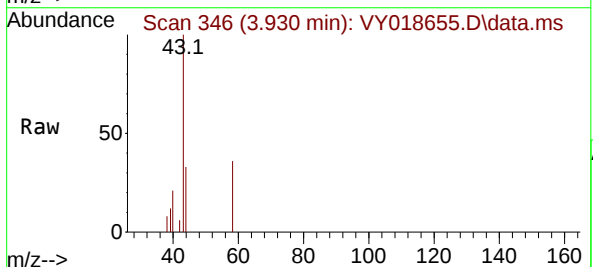
Instrument :
MSVOA_Y
ClientSampleId :
VK-1-VOCRE

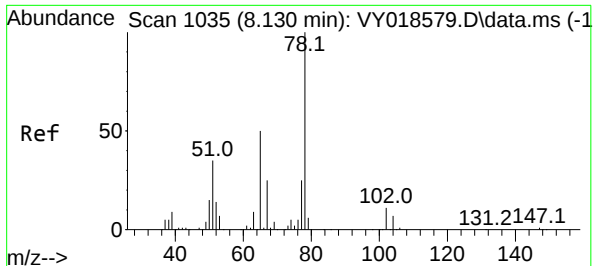
Tgt Ion:168 Resp: 87516
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#16
Acetone
Concen: 16.992 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Tgt Ion: 43 Resp: 3046
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 53.548 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018655.D

Acq: 20 Jun 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

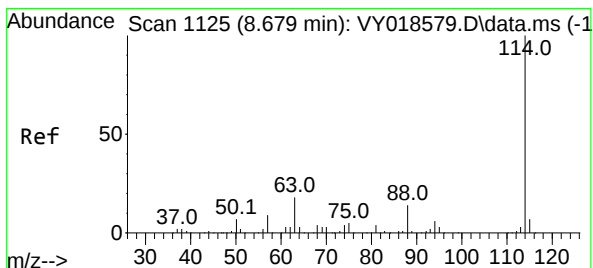
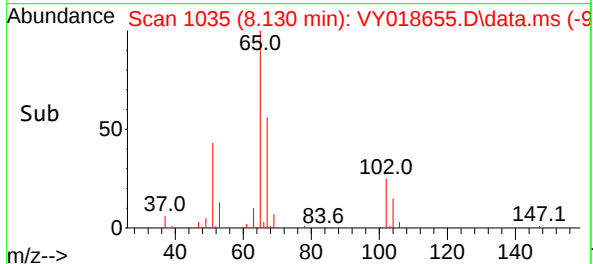
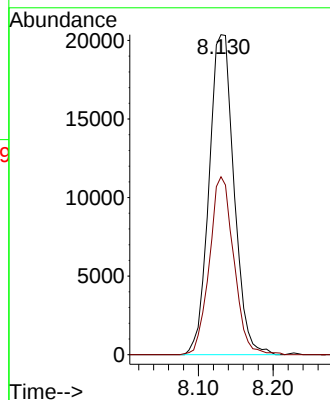
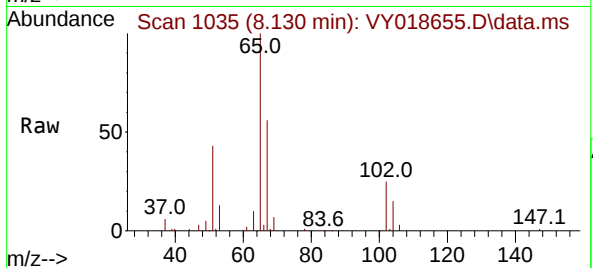
VK-1-VOCRE

Tgt Ion: 65 Resp: 47181

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018655.D

Acq: 20 Jun 2024 14:40

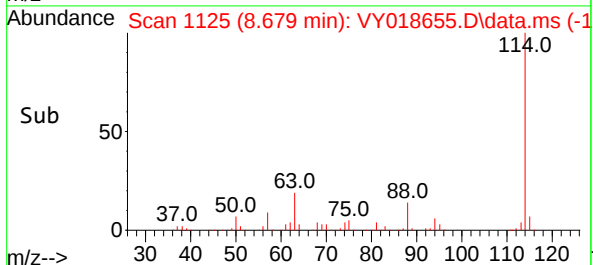
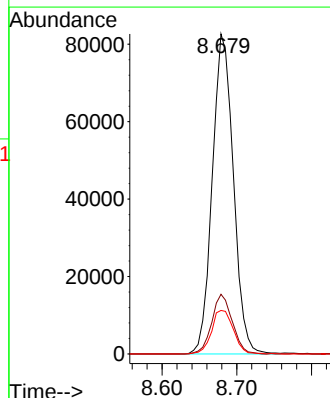
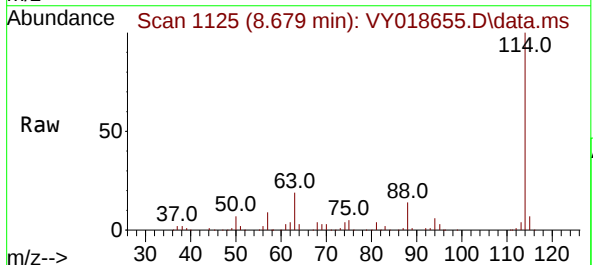
Tgt Ion: 114 Resp: 162175

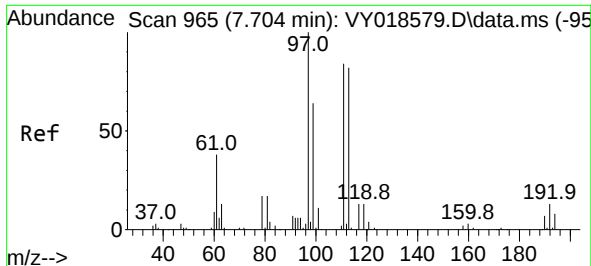
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 13.6 0.0 27.2

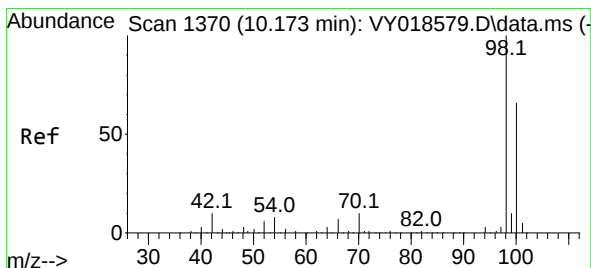
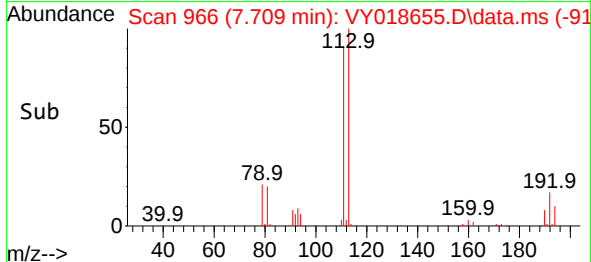
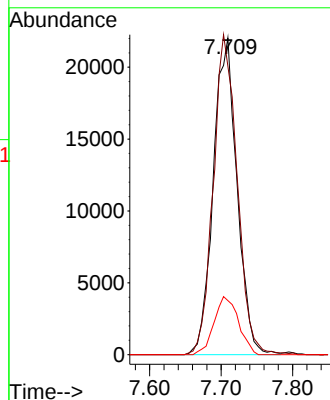
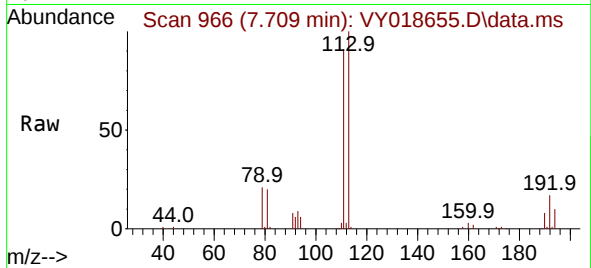




#35
Dibromofluoromethane
Concen: 51.462 ug/l
RT: 7.709 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

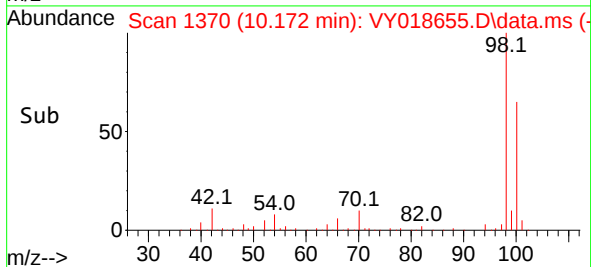
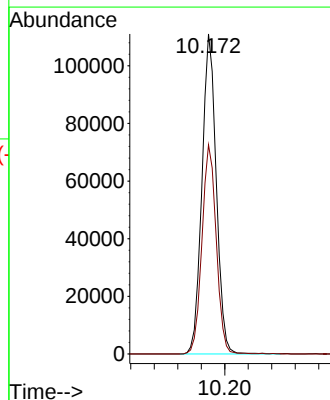
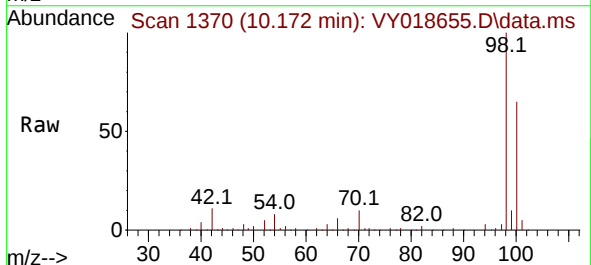
Instrument :
MSVOA_Y
ClientSampleId :
VK-1-VOCRE

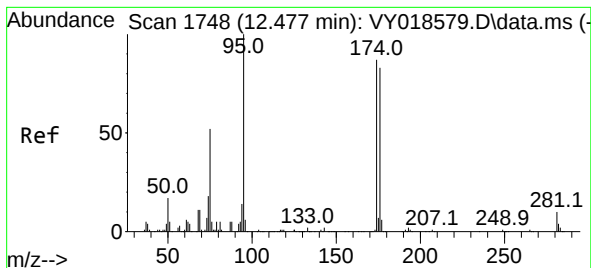
Tgt Ion:113 Resp: 50911
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.8 15.9 23.9



#50
Toluene-d8
Concen: 49.411 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Tgt Ion: 98 Resp: 187984
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

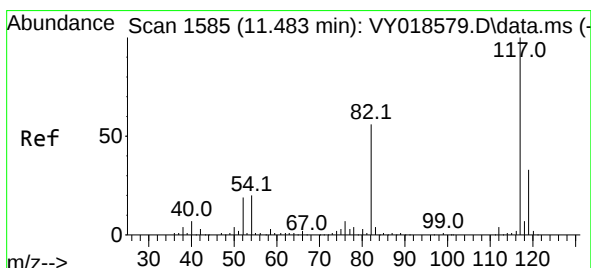
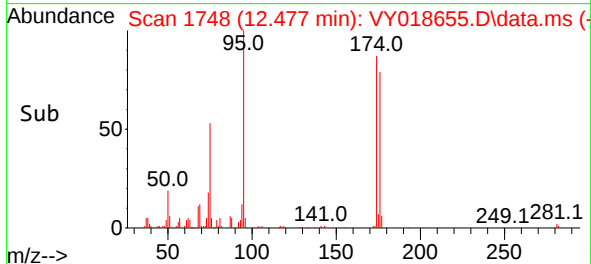
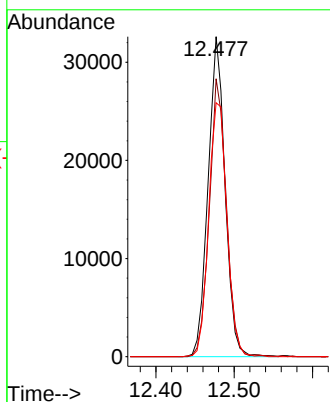
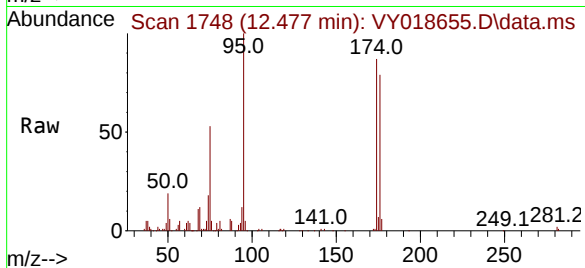




#62
4-Bromofluorobenzene
Concen: 40.869 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

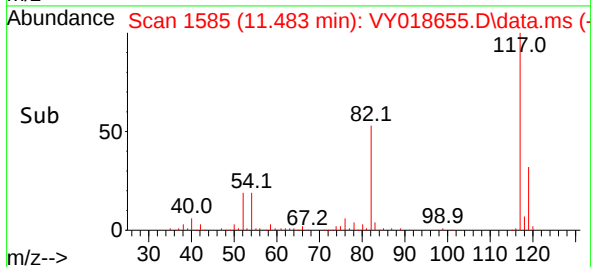
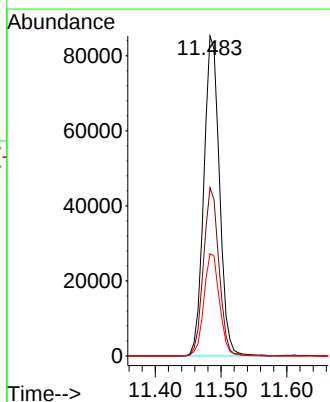
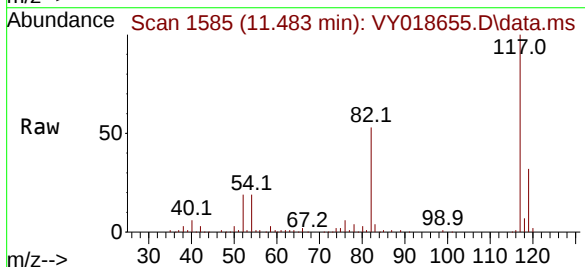
Instrument :
MSVOA_Y
ClientSampleId :
VK-1-VOCRE

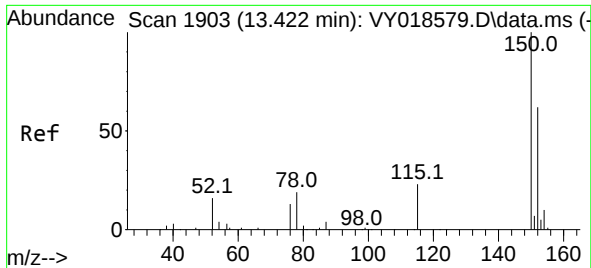
Tgt Ion:	95	Resp:	49098
Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	175.6
176	85.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Tgt Ion:	117	Resp:	141123
Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.4	63.6
119	32.0	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: VY018655.D
 Acq: 20 Jun 2024 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VK-1-VOCRE

Tgt Ion:152 Resp: 45208
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.2 84.7
 150 156.0 0.0 345.6

