

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045678.D
 Acq On : 09 Apr 2025 16:06
 Operator : JC/MD
 Sample : Q1746-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-149-SB01

Quant Time: Apr 10 01:36:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

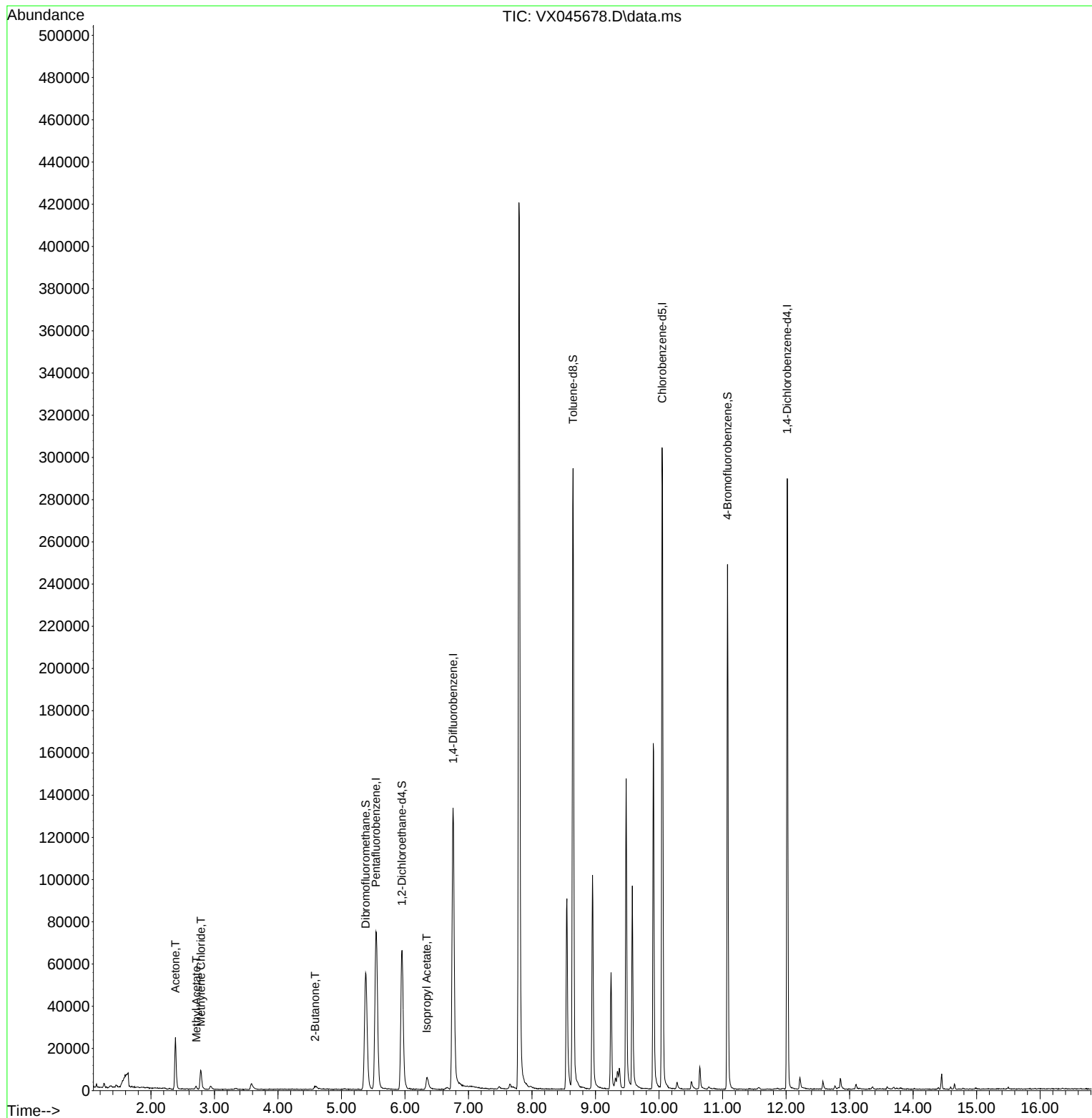
Internal Standards						
1) Pentafluorobenzene	5.544	168	64791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68461	57.780	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.560%
35) Dibromofluoromethane	5.379	113	48432	52.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	8.647	98	168400	52.060	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.120%
62) 4-Bromofluorobenzene	11.079	95	63131	53.580	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.160%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	25809	53.046	ug/l	96
18) Methyl Acetate	2.715	43	1950	1.741	ug/l #	89
20) Methylene Chloride	2.788	84	4407	4.838	ug/l	90
25) 2-Butanone	4.586	43	3565	5.006	ug/l	99
43) Isopropyl Acetate	6.342	43	8737	3.656	ug/l	99

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

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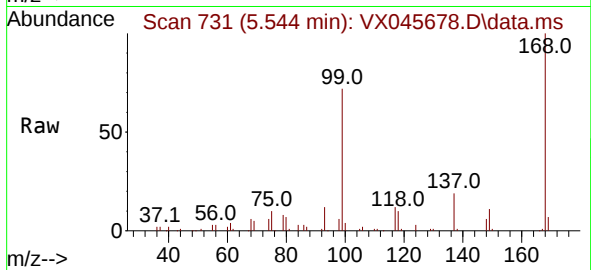
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

Instrument :

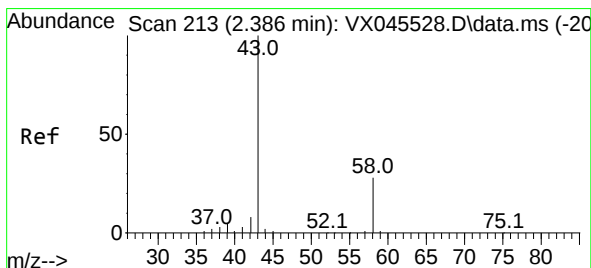
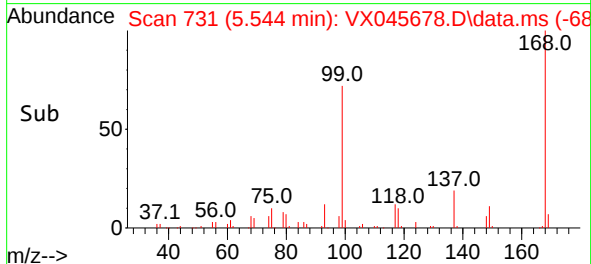
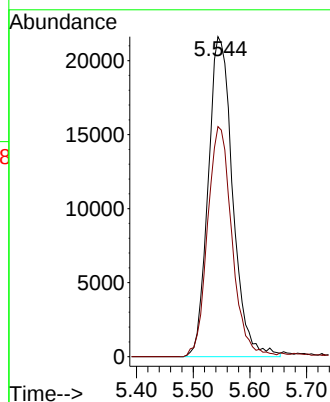
MSVOA_X

ClientSampleId :

B-149-SB01

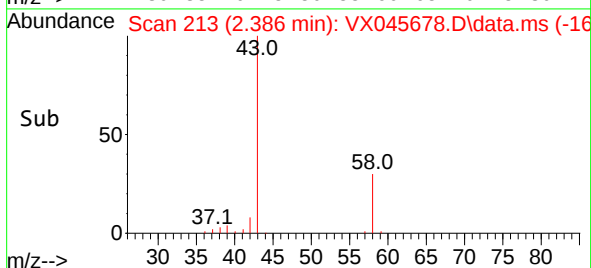
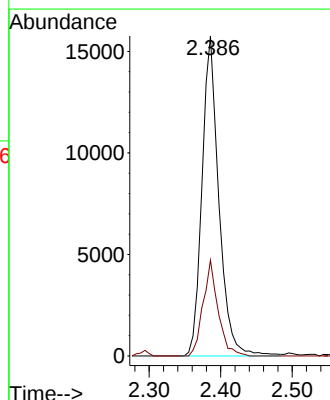
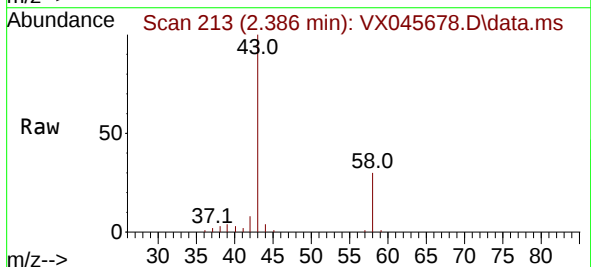


Tgt Ion:168 Resp: 64791
Ion Ratio Lower Upper
168 100
99 71.9 52.3 78.5



#16
Acetone
Concen: 53.046 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

Tgt Ion: 43 Resp: 25809
Ion Ratio Lower Upper
43 100
58 29.9 22.3 33.5

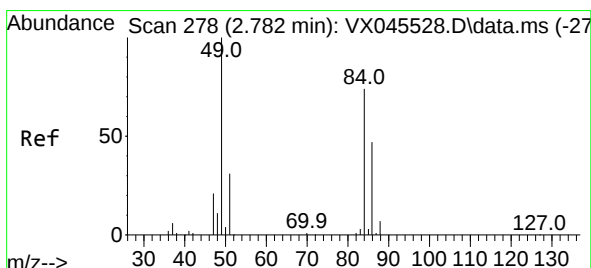
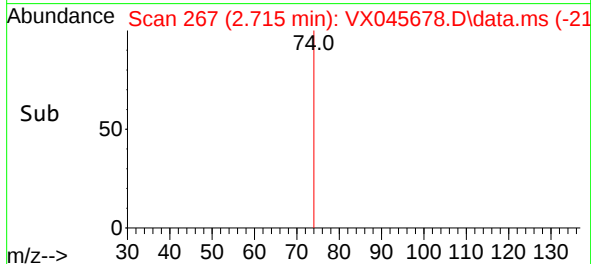
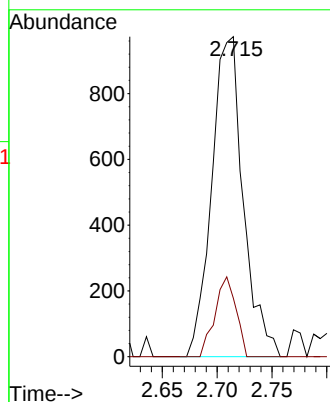
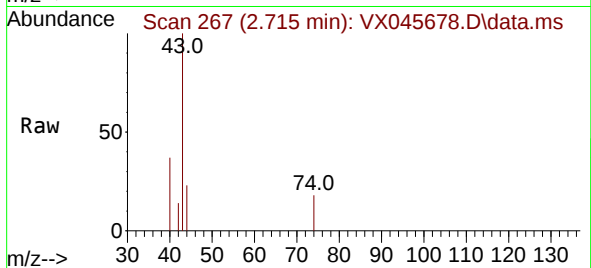




#18
Methyl Acetate
Concen: 1.741 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

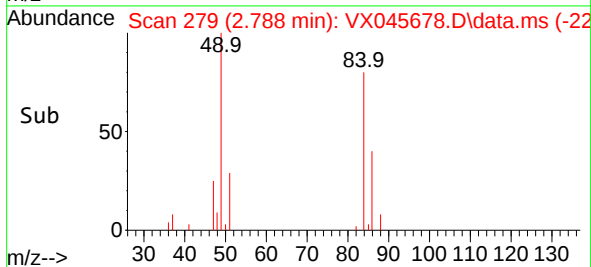
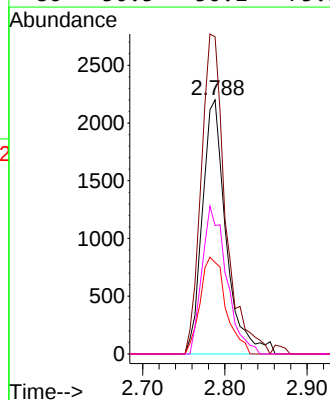
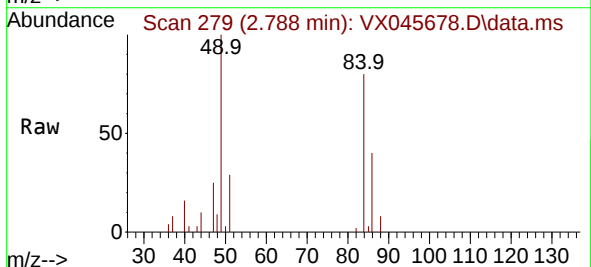
Instrument :
MSVOA_X
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B-149-SB01

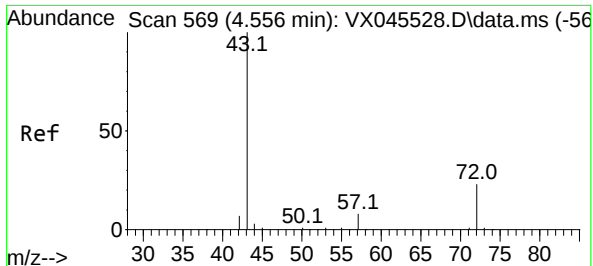
Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
74 16.7 17.5 26.3#



#20
Methylene Chloride
Concen: 4.838 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

Tgt Ion: 84 Resp: 4407
Ion Ratio Lower Upper
84 100
49 124.8 107.5 161.3
51 36.0 33.0 49.6
86 50.5 50.1 75.1





#25

2-Butanone

Concen: 5.006 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX045678.D

Acq: 09 Apr 2025 16:06

Instrument :

MSVOA_X

ClientSampleId :

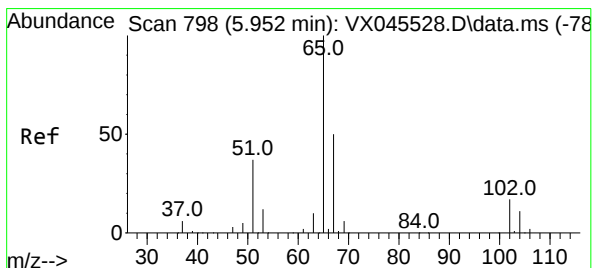
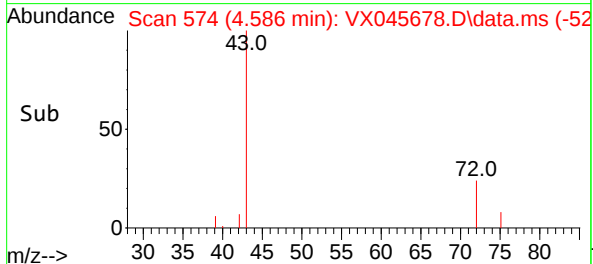
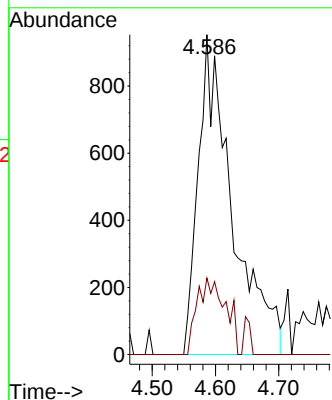
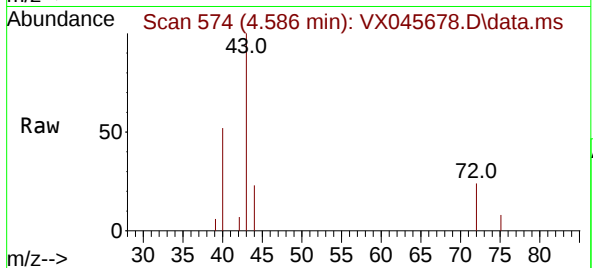
B-149-SB01

Tgt Ion: 43 Resp: 3565

Ion Ratio Lower Upper

43 100

72 23.9 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 57.780 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045678.D

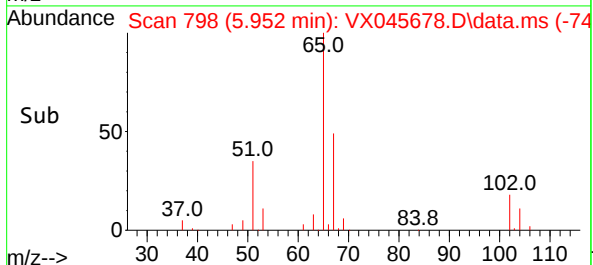
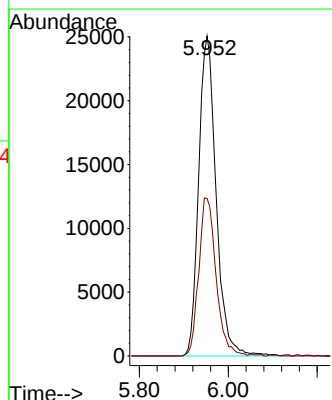
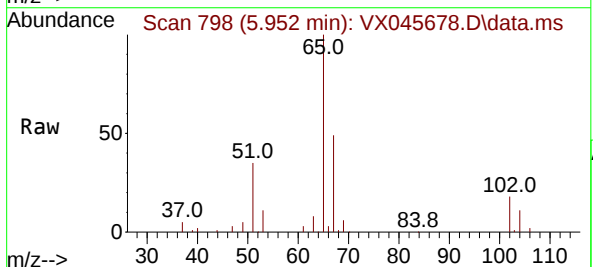
Acq: 09 Apr 2025 16:06

Tgt Ion: 65 Resp: 68461

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0

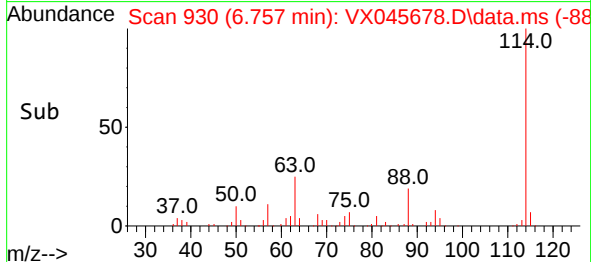
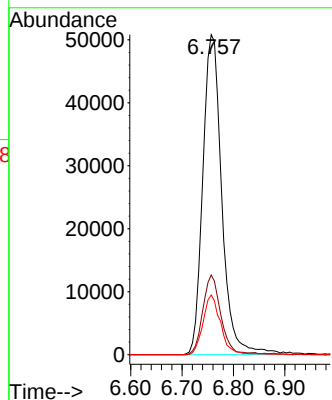
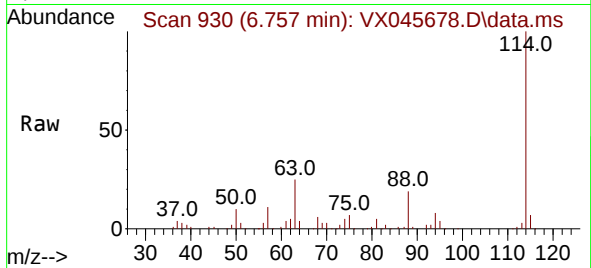




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

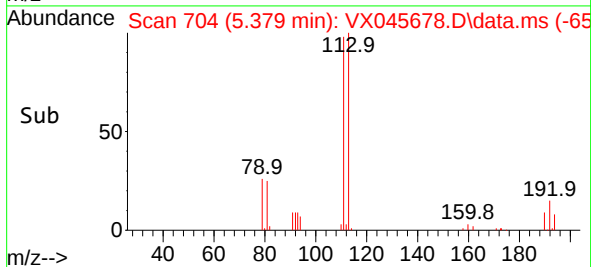
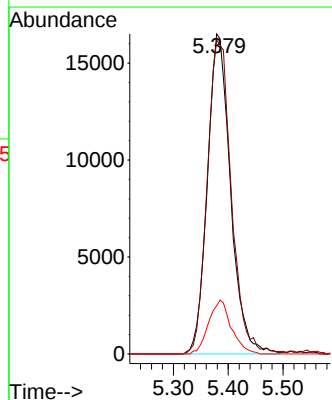
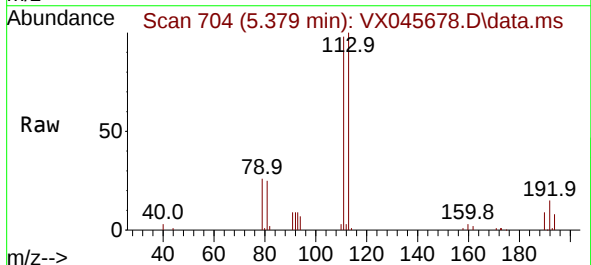
Instrument :
MSVOA_X
ClientSampleId :
B-149-SB01

Tgt Ion:114 Resp: 130620
Ion Ratio Lower Upper
114 100
63 24.9 0.0 46.8
88 18.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.260 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

Tgt Ion:113 Resp: 48432
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 16.5 13.8 20.6

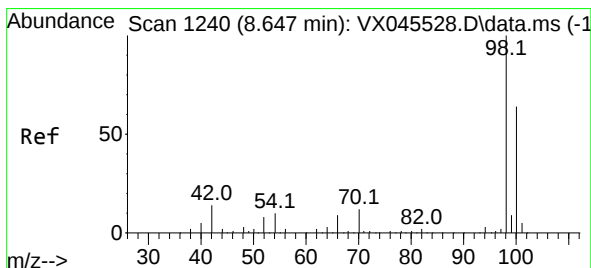
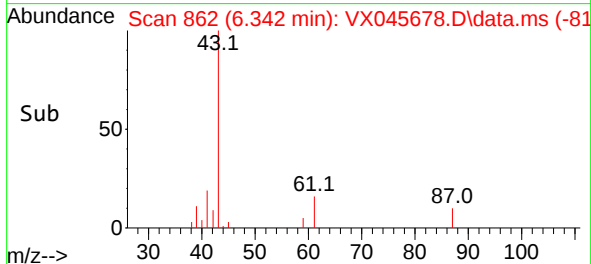
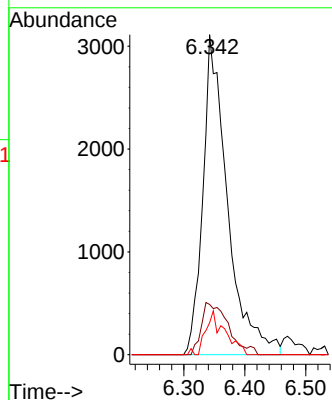
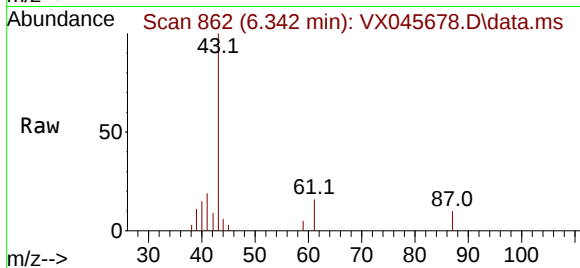




#43
Isopropyl Acetate
Concen: 3.656 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

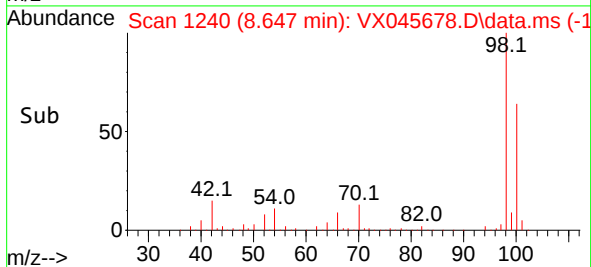
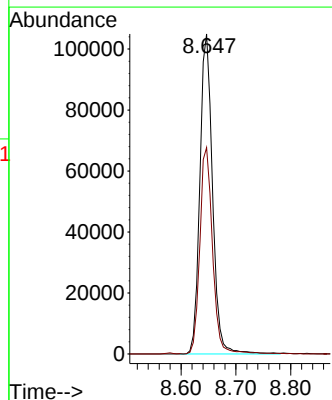
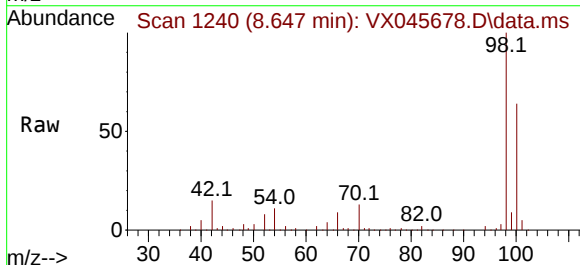
Instrument :
MSVOA_X
ClientSampleId :
B-149-SB01

Tgt Ion: 43 Resp: 8737
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 10.8 9.2 13.8



#50
Toluene-d8
Concen: 52.060 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

Tgt Ion: 98 Resp: 168400
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

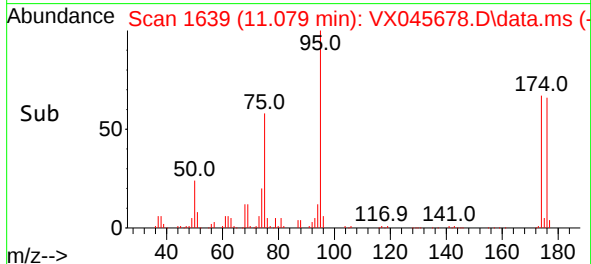
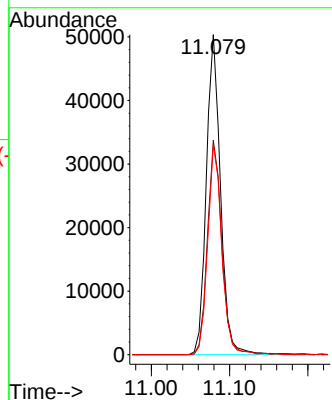
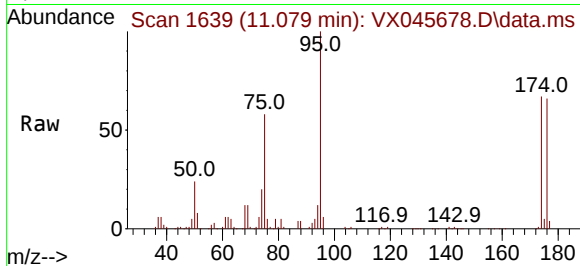




#62
4-Bromofluorobenzene
Concen: 53.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

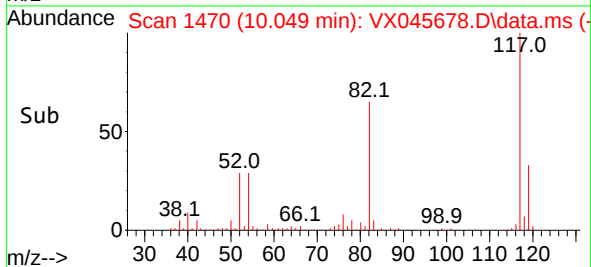
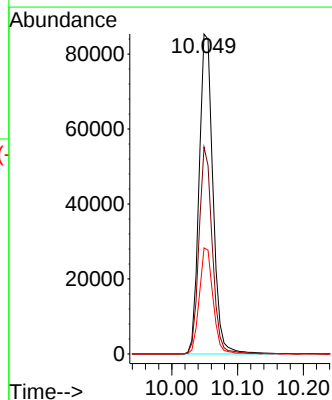
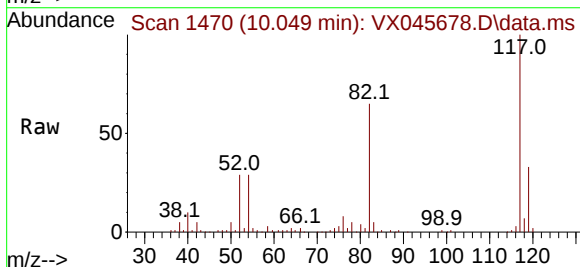
Instrument :
MSVOA_X
ClientSampleId :
B-149-SB01

Tgt Ion: 95 Resp: 63131
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 64.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045678.D
Acq: 09 Apr 2025 16:06

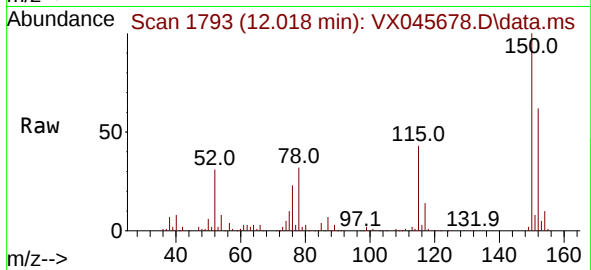
Tgt Ion: 117 Resp: 124927
Ion Ratio Lower Upper
117 100
82 64.6 49.2 73.8
119 33.2 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045678.D
 Acq: 09 Apr 2025 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 B-149-SB01



Tgt Ion:152 Resp: 52795
 Ion Ratio Lower Upper
 152 100
 115 66.1 46.9 140.7
 150 158.9 0.0 349.4

