

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045953.D
 Acq On : 28 Apr 2025 13:53
 Operator : JC/MD
 Sample : Q1874-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-236

Quant Time: Apr 29 01:33:55 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)

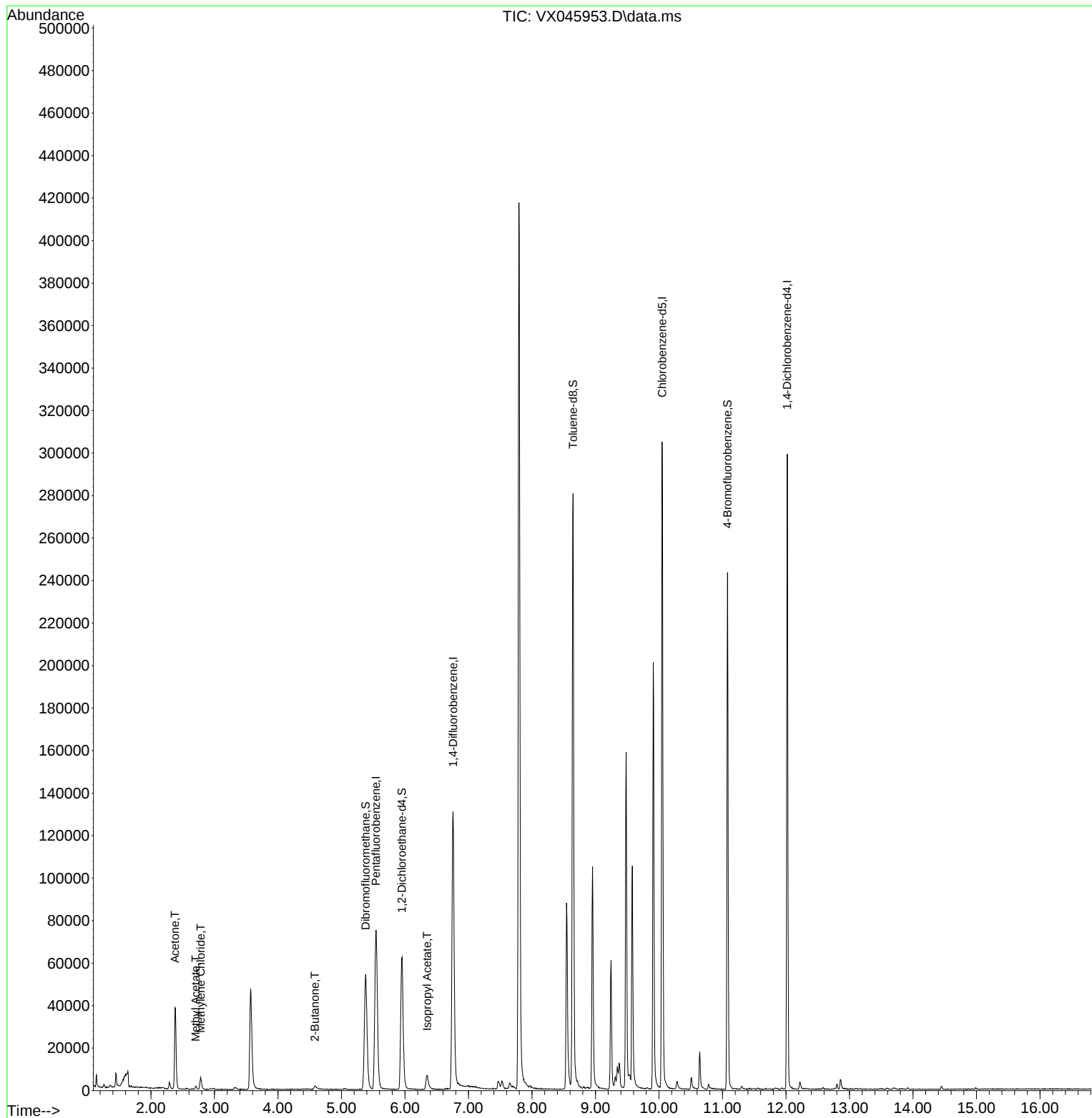
Internal Standards						
1) Pentafluorobenzene	5.544	168	65108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64672	54.316	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.640%
35) Dibromofluoromethane	5.379	113	46844	52.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	8.647	98	162439	51.792	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.580%
62) 4-Bromofluorobenzene	11.079	95	62989	55.137	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.280%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	43436	88.841	ug/l	94
18) Methyl Acetate	2.703	43	2154	1.914	ug/l #	84
20) Methylene Chloride	2.782	84	2480	2.709	ug/l	95
25) 2-Butanone	4.581	43	3739	5.224	ug/l	99
43) Isopropyl Acetate	6.349	43	10035	4.330	ug/l	99

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

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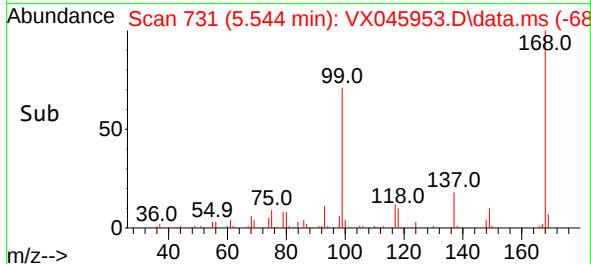
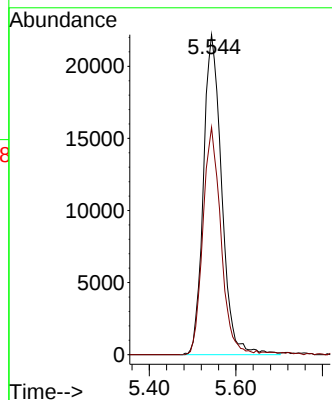
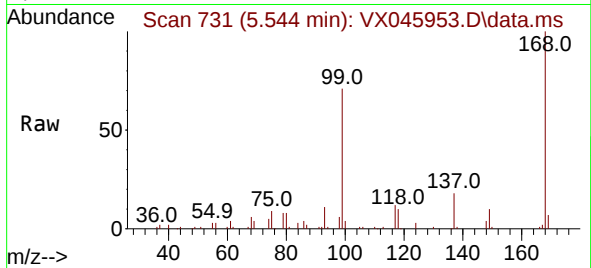




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045953.D
Acq: 28 Apr 2025 13:53

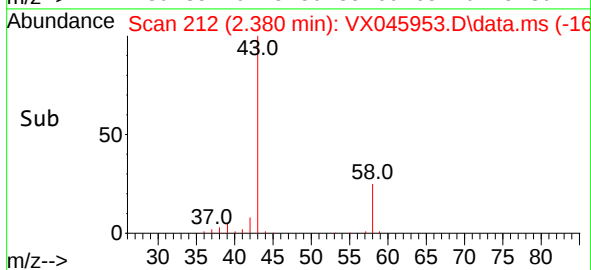
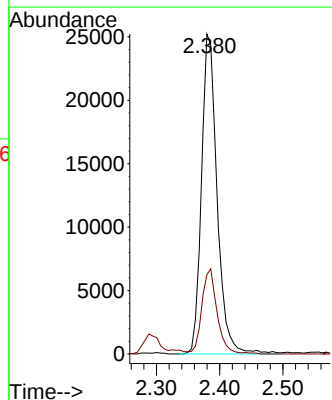
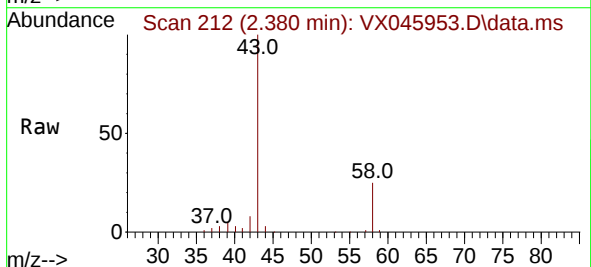
Instrument :
MSVOA_X
ClientSampleId :
VNJ-236

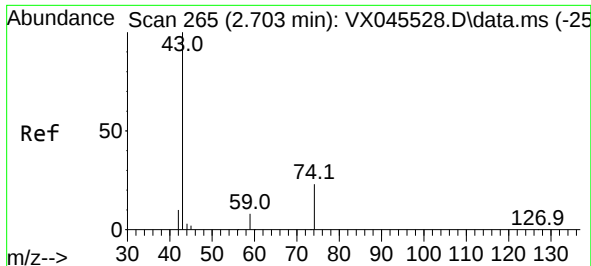
Tgt Ion:168 Resp: 65108
Ion Ratio Lower Upper
168 100
99 71.1 52.3 78.5



#16
Acetone
Concen: 88.841 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045953.D
Acq: 28 Apr 2025 13:53

Tgt Ion: 43 Resp: 43436
Ion Ratio Lower Upper
43 100
58 24.8 22.3 33.5

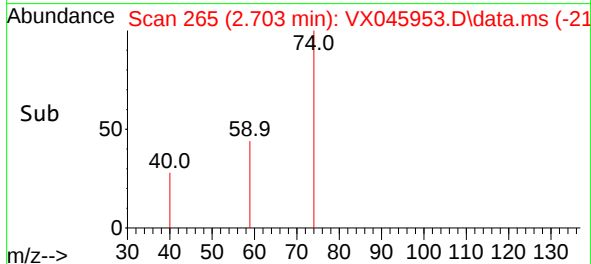
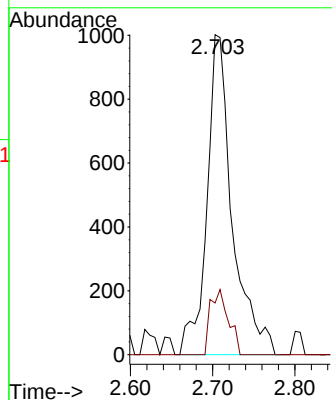
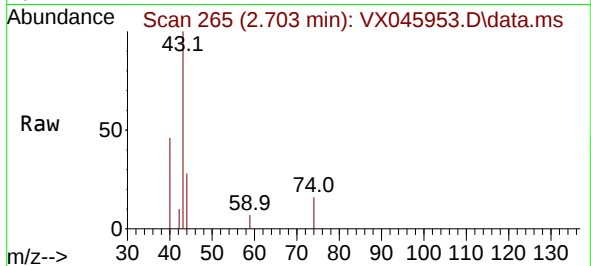




#18
Methyl Acetate
Concen: 1.914 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045953.D
Acq: 28 Apr 2025 13:53

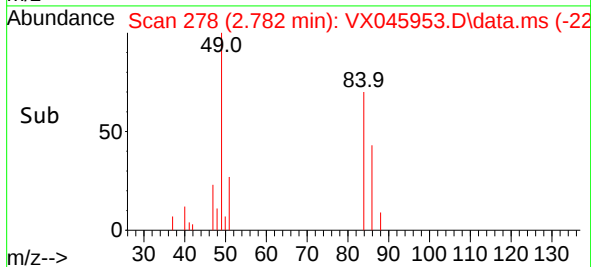
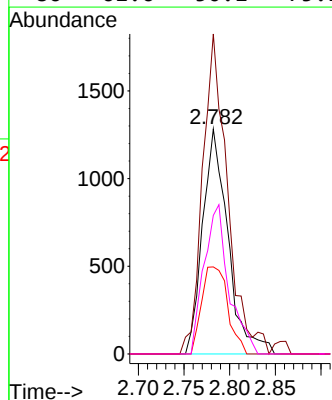
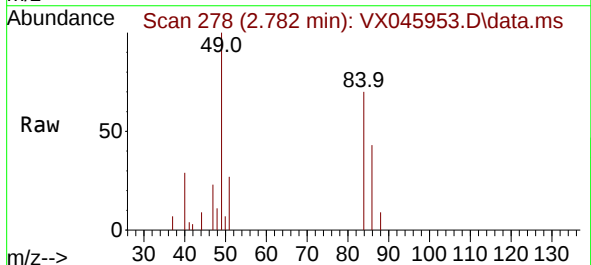
Instrument :
MSVOA_X
ClientSampleId :
VNJ-236

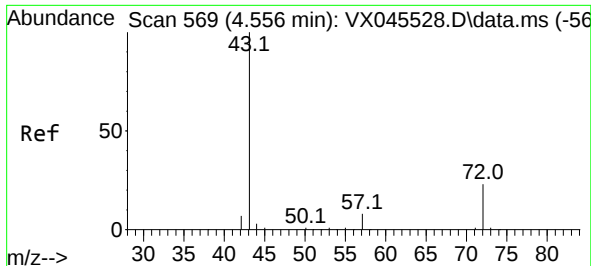
Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
74 14.5 17.5 26.3#



#20
Methylene Chloride
Concen: 2.709 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045953.D
Acq: 28 Apr 2025 13:53

Tgt Ion: 84 Resp: 2480
Ion Ratio Lower Upper
84 100
49 142.2 107.5 161.3
51 38.7 33.0 49.6
86 61.6 50.1 75.1





#25

2-Butanone

Concen: 5.224 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX045953.D

Acq: 28 Apr 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

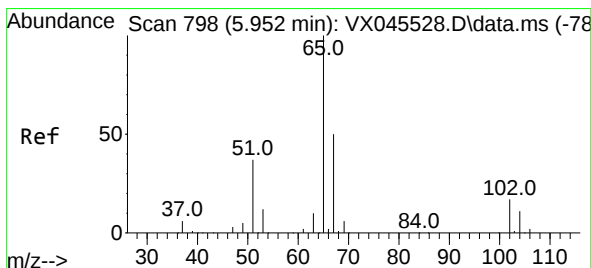
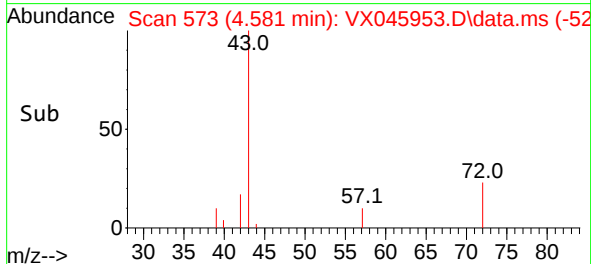
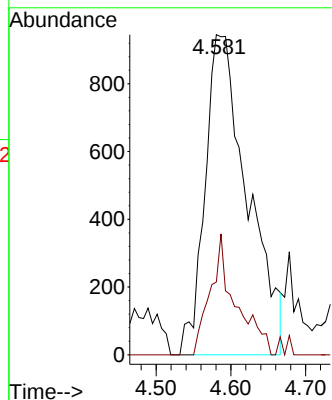
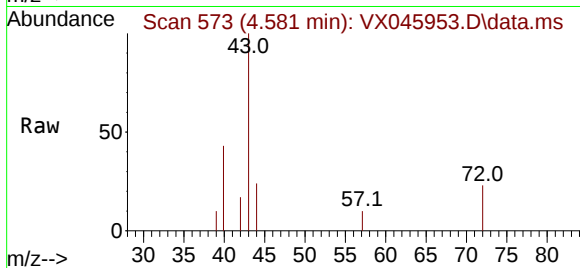
VNJ-236

Tgt Ion: 43 Resp: 3739

Ion Ratio Lower Upper

43 100

72 22.8 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 54.316 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045953.D

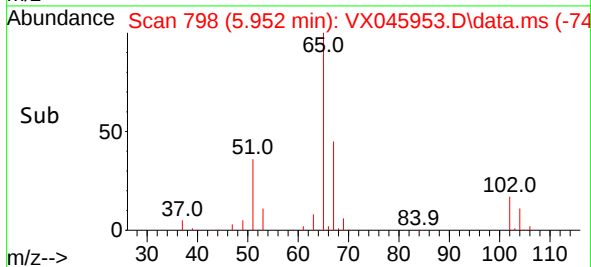
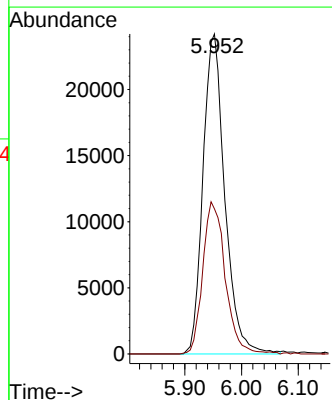
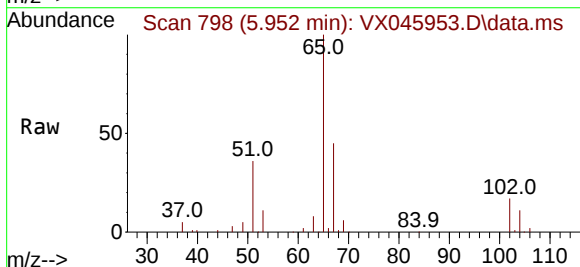
Acq: 28 Apr 2025 13:53

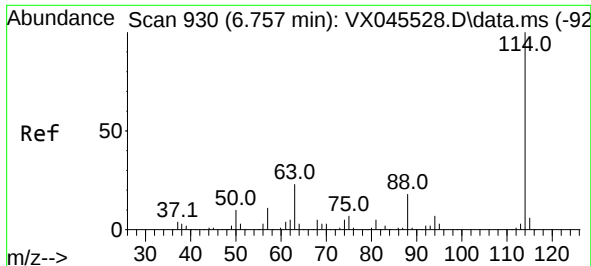
Tgt Ion: 65 Resp: 64672

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0

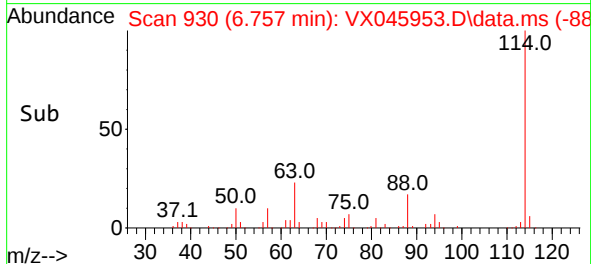
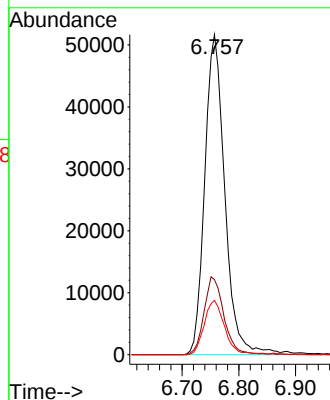
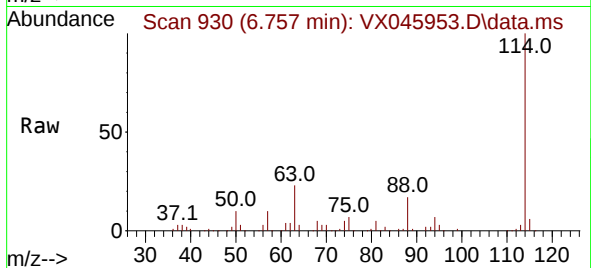




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045953.D
Acq: 28 Apr 2025 13:53

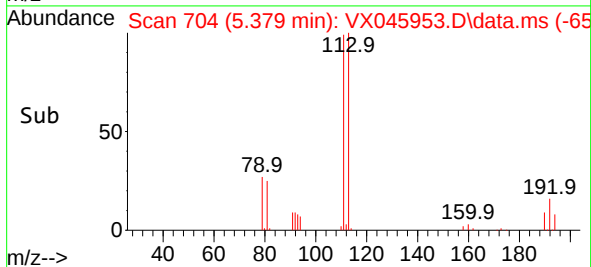
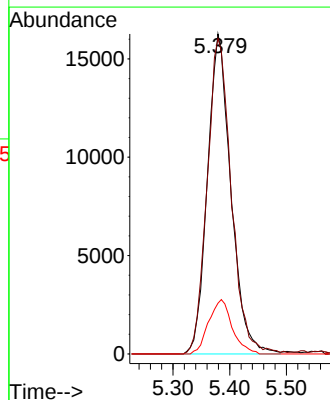
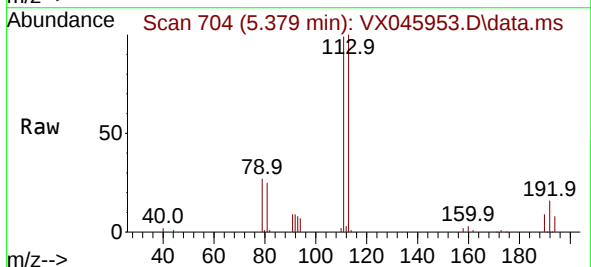
Instrument :
MSVOA_X
ClientSampleId :
VNJ-236

Tgt Ion:114 Resp: 126648
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.132 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045953.D
Acq: 28 Apr 2025 13:53

Tgt Ion:113 Resp: 46844
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 17.0 13.8 20.6

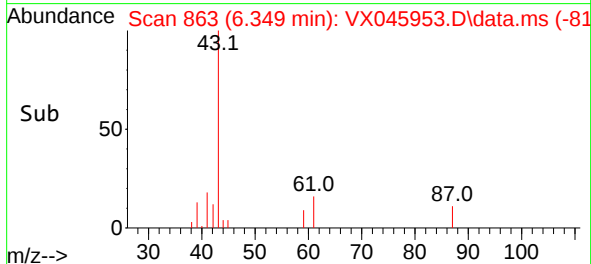
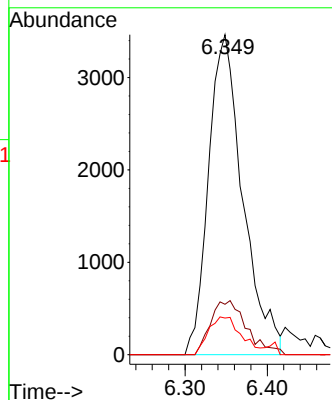
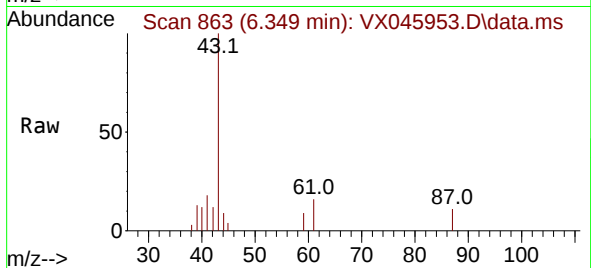




#43
Isopropyl Acetate
Concen: 4.330 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045953.D
Acq: 28 Apr 2025 13:53

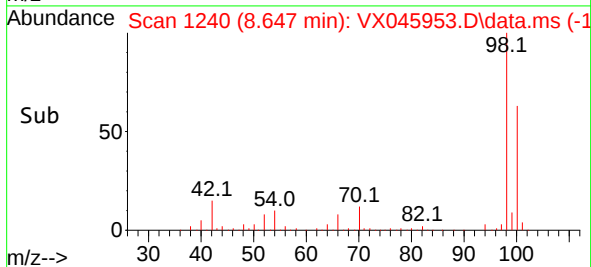
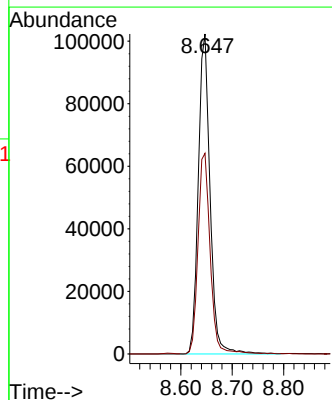
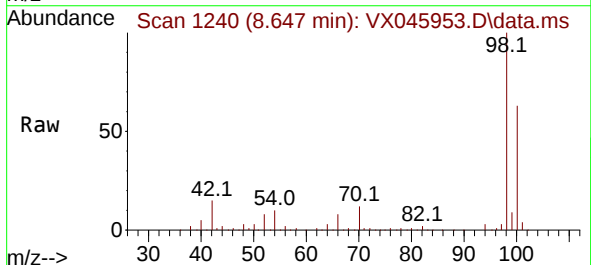
Instrument :
MSVOA_X
ClientSampleId :
VNJ-236

Tgt Ion: 43 Resp: 10035
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 11.2 9.2 13.8



#50
Toluene-d8
Concen: 51.792 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045953.D
Acq: 28 Apr 2025 13:53

Tgt Ion: 98 Resp: 162439
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 55.137 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045953.D

Acq: 28 Apr 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

VNJ-236

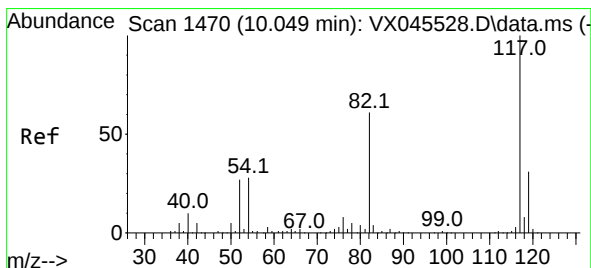
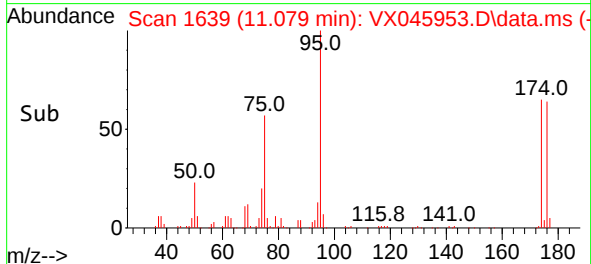
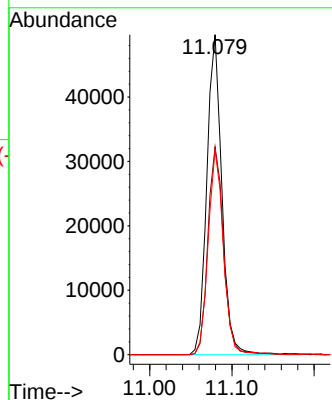
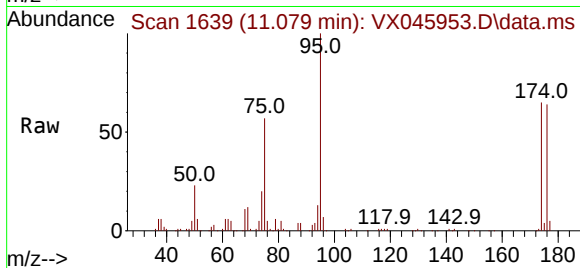
Tgt Ion: 95 Resp: 62989

Ion Ratio Lower Upper

95 100

174 67.3 0.0 135.8

176 64.9 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: VX045953.D

Acq: 28 Apr 2025 13:53

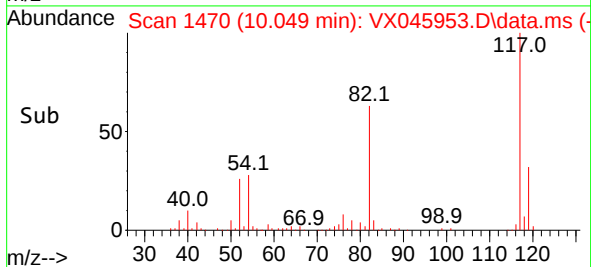
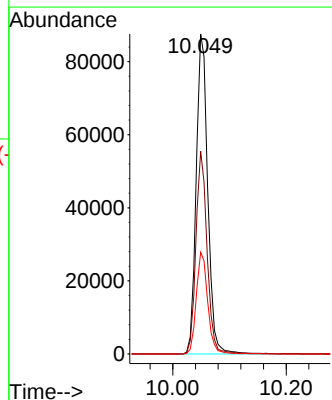
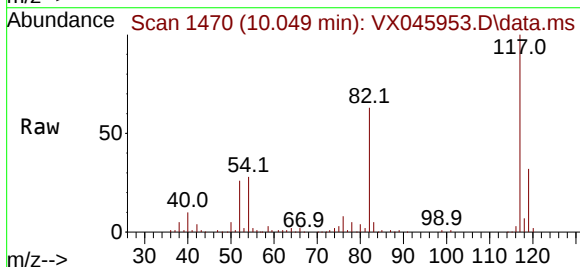
Tgt Ion: 117 Resp: 123754

Ion Ratio Lower Upper

117 100

82 63.3 49.2 73.8

119 31.8 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: VX045953.D

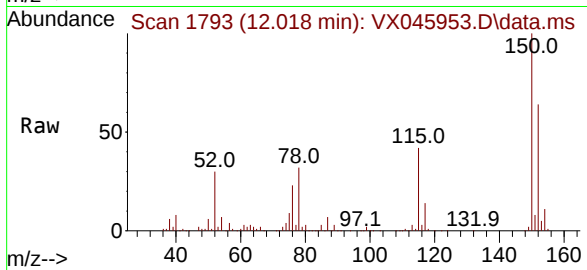
Acq: 28 Apr 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

VNJ-236



Tgt Ion:152 Resp: 53372

Ion Ratio Lower Upper

152 100

115 65.1 46.9 140.7

150 158.0 0.0 349.4

