

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
 Data File : VX048668.D
 Acq On : 24 Nov 2025 16:50
 Operator : JC/MD
 Sample : Q3711-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-222

Quant Time: Nov 26 00:27:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

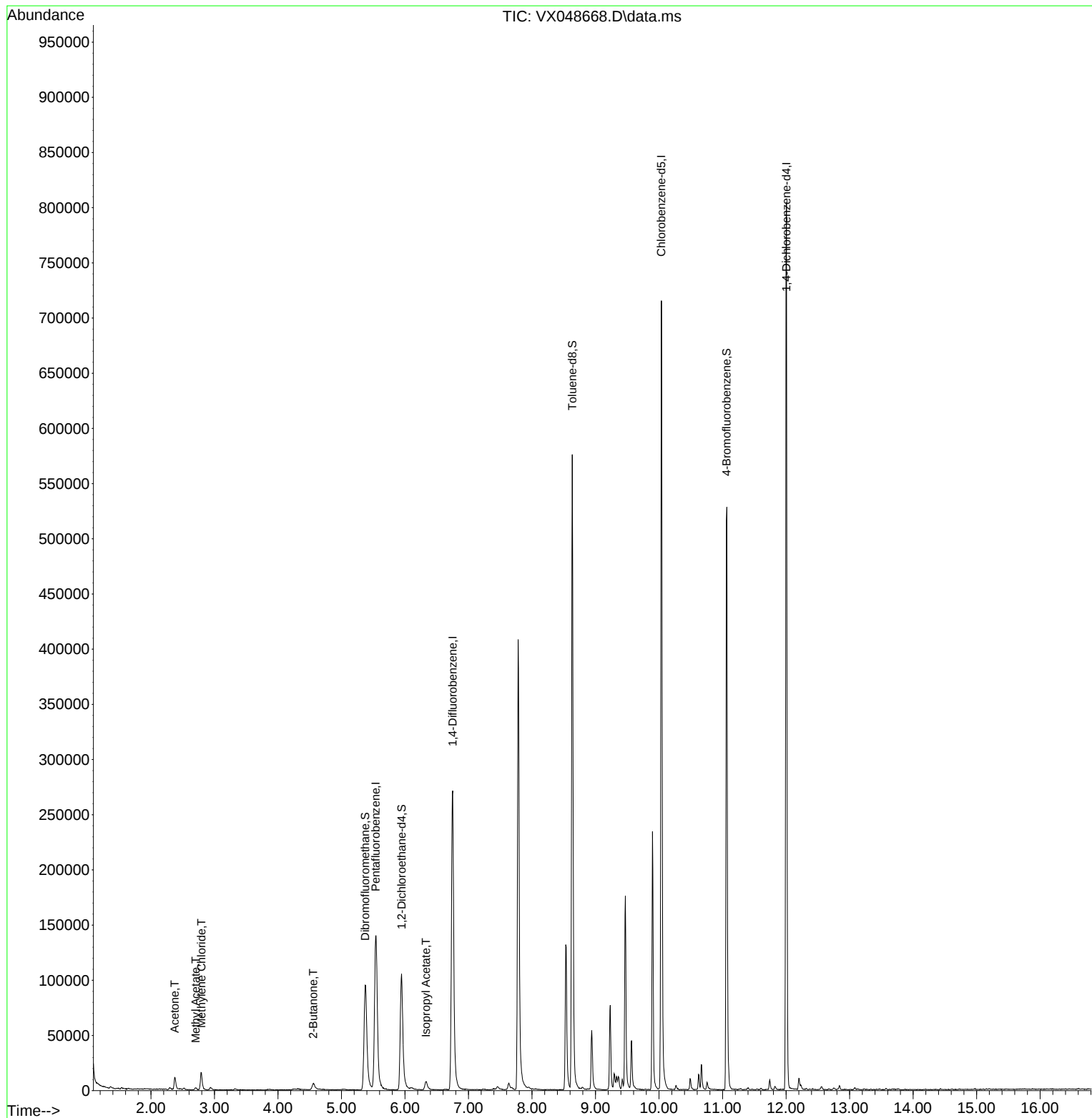
Internal Standards						
1) Pentafluorobenzene	5.537	168	147321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	302792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	329711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	177161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116400	56.703	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.400%
35) Dibromofluoromethane	5.373	113	95232	41.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.100%
50) Toluene-d8	8.634	98	354888	49.652	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.061	95	154133	57.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.740%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	15029	15.467	ug/l #	85
18) Methyl Acetate	2.702	43	3072	1.150	ug/l	98
20) Methylene Chloride	2.794	84	8327	4.168	ug/l #	96
25) 2-Butanone	4.556	43	11655	8.108	ug/l	98
43) Isopropyl Acetate	6.330	43	12285	2.023	ug/l	96

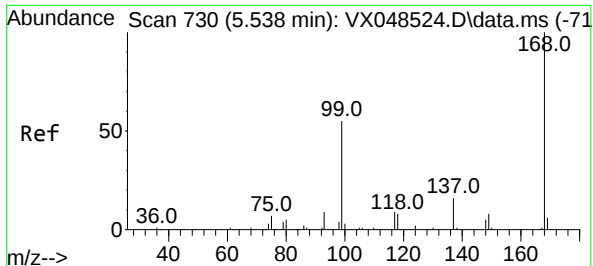
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
Data File : VX048668.D
Acq On : 24 Nov 2025 16:50
Operator : JC/MD
Sample : Q3711-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

Quant Time: Nov 26 00:27:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

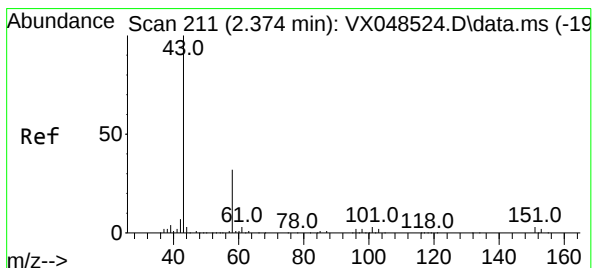
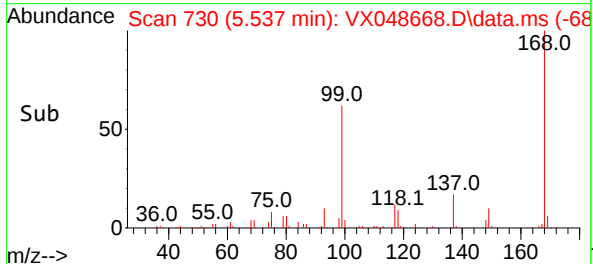
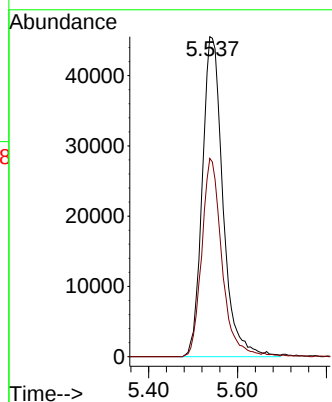
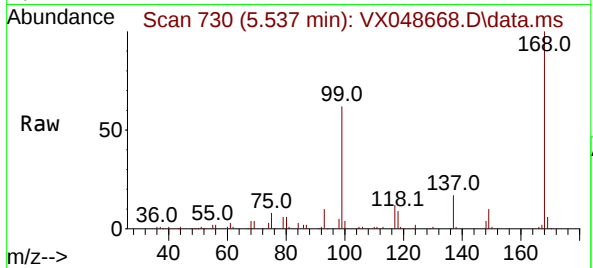




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

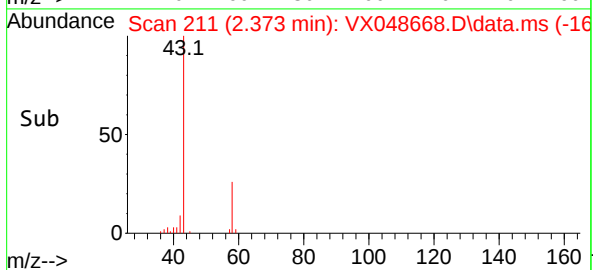
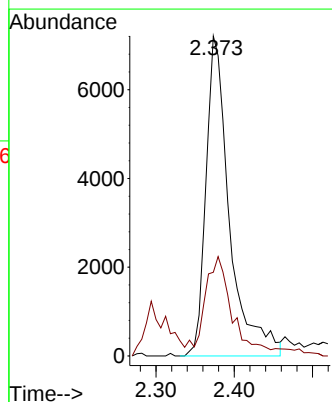
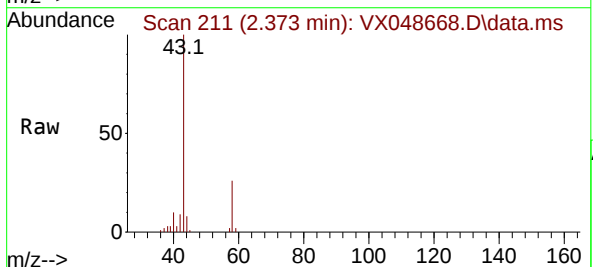
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

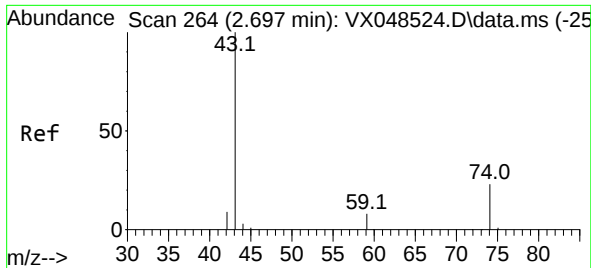
Tgt Ion:168 Resp: 147321
Ion Ratio Lower Upper
168 100
99 61.9 45.2 67.8



#16
Acetone
Concen: 15.467 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

Tgt Ion: 43 Resp: 15029
Ion Ratio Lower Upper
43 100
58 23.9 25.8 38.6#

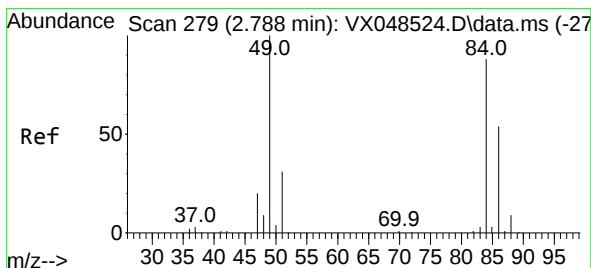
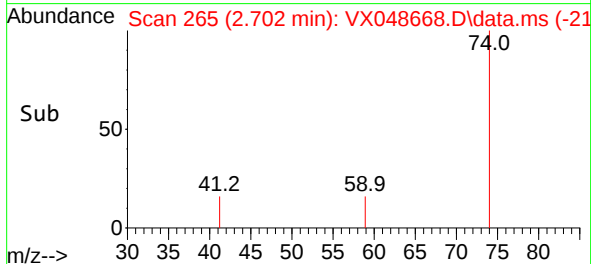
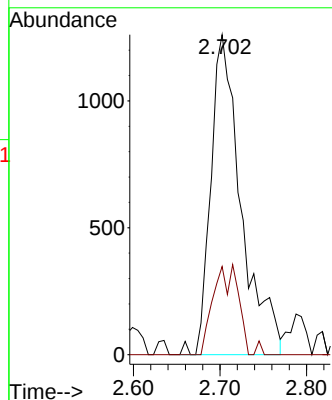
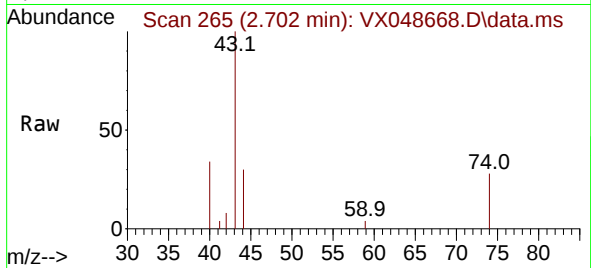




#18
Methyl Acetate
Concen: 1.150 ug/l
RT: 2.702 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

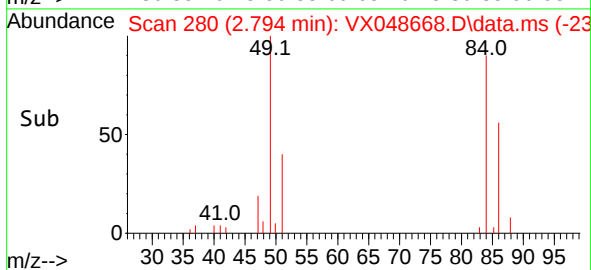
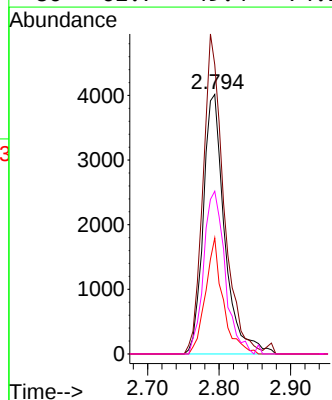
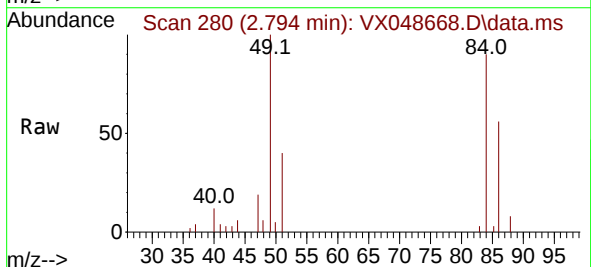
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

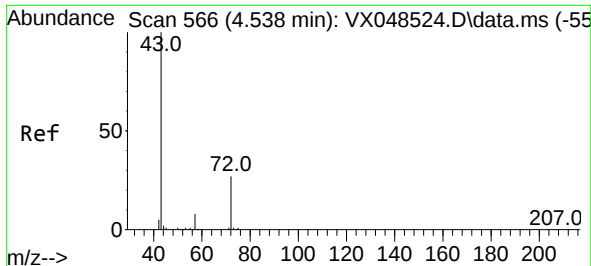
Tgt Ion: 43 Resp: 3072
Ion Ratio Lower Upper
43 100
74 22.9 19.1 28.7



#20
Methylene Chloride
Concen: 4.168 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

Tgt Ion: 84 Resp: 8327
Ion Ratio Lower Upper
84 100
49 111.4 91.2 136.8
51 44.7 28.3 42.5#
86 62.7 49.4 74.2

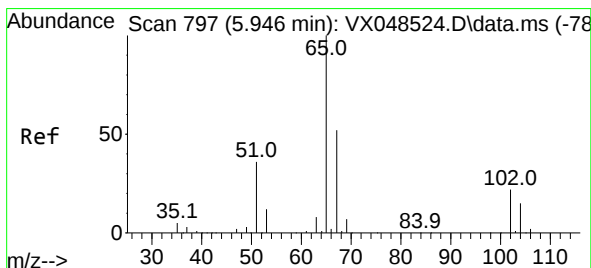
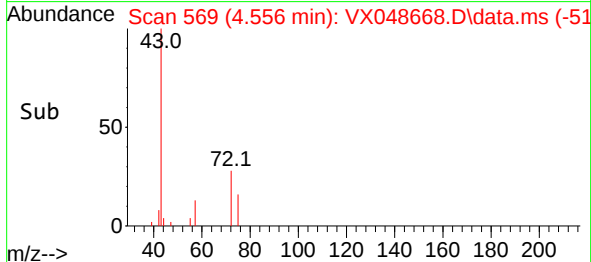
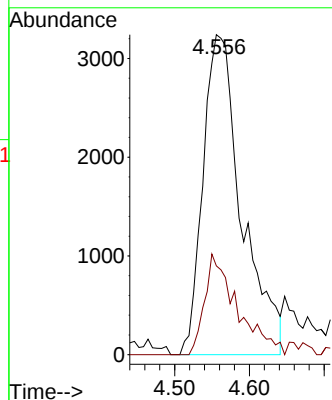
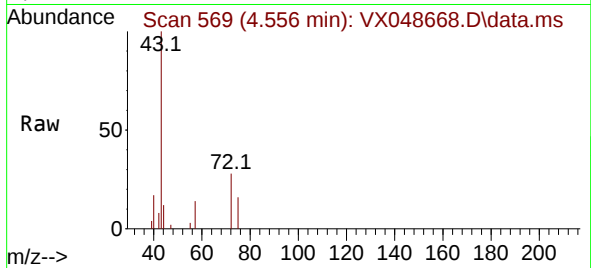




#25
2-Butanone
Concen: 8.108 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

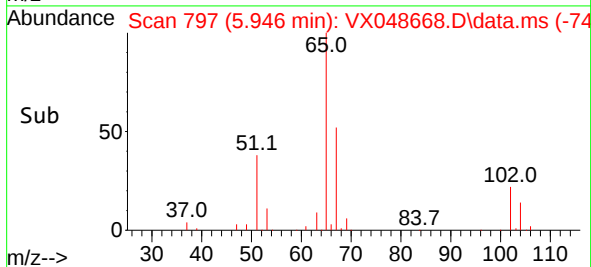
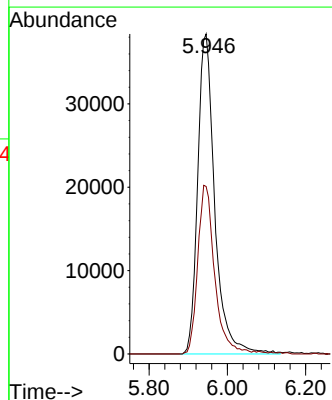
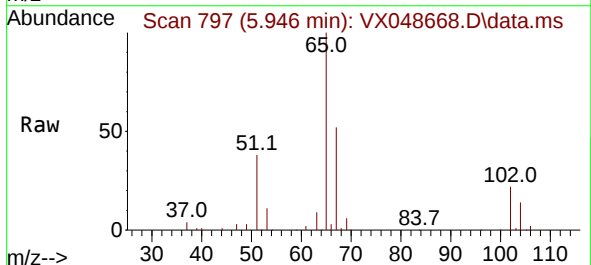
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

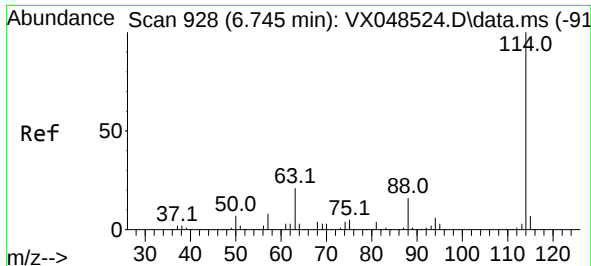
Tgt Ion: 43 Resp: 11655
Ion Ratio Lower Upper
43 100
72 27.7 21.5 32.3



#33
1,2-Dichloroethane-d4
Concen: 56.703 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

Tgt Ion: 65 Resp: 116400
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2

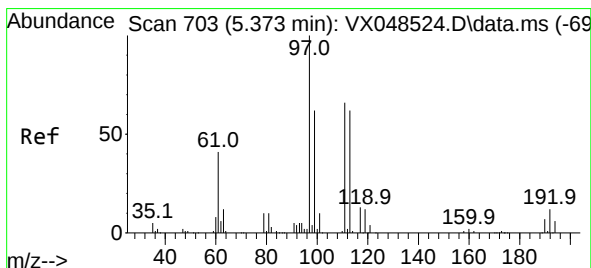
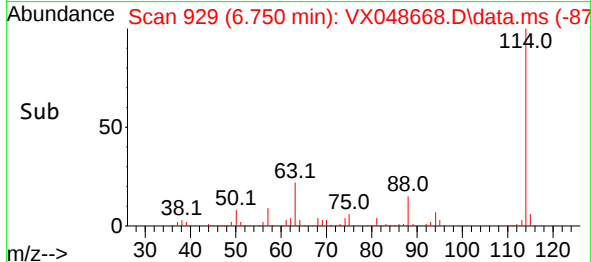
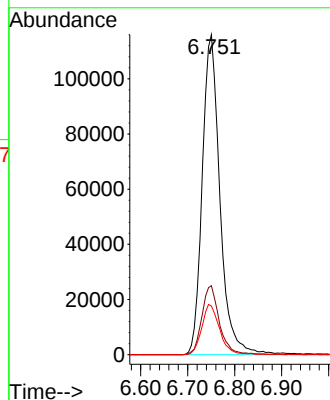
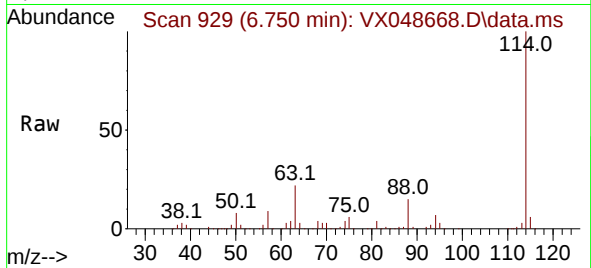




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

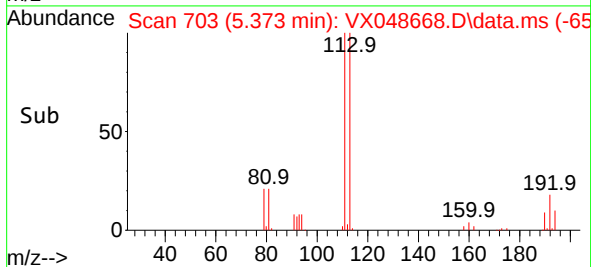
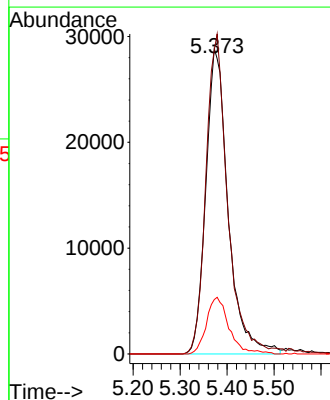
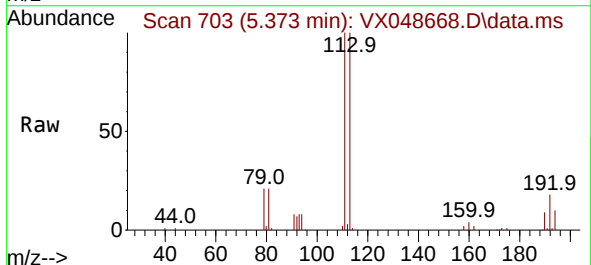
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

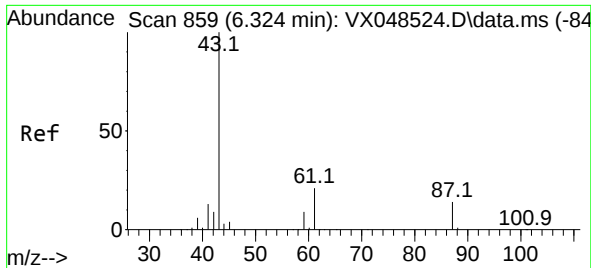
Tgt Ion:114 Resp: 302792
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.2
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 41.555 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

Tgt Ion:113 Resp: 95232
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 18.7 15.8 23.6

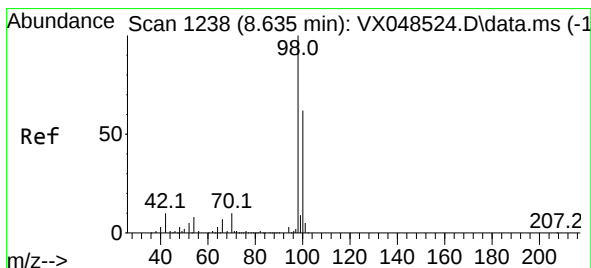
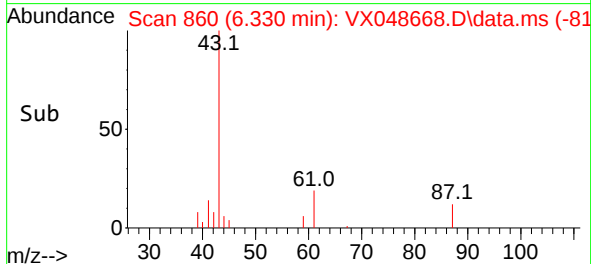
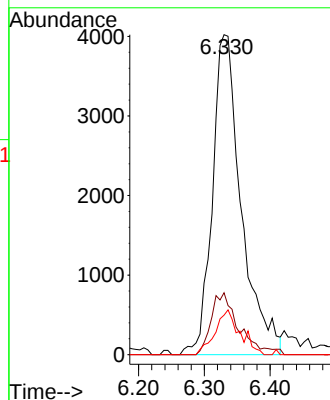
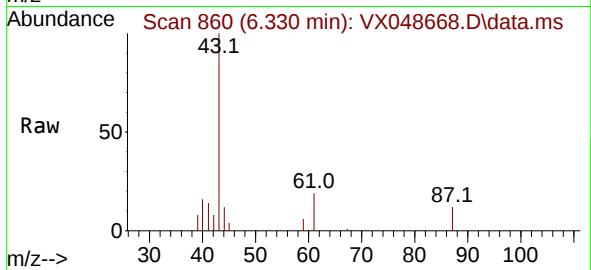




#43
Isopropyl Acetate
Concen: 2.023 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

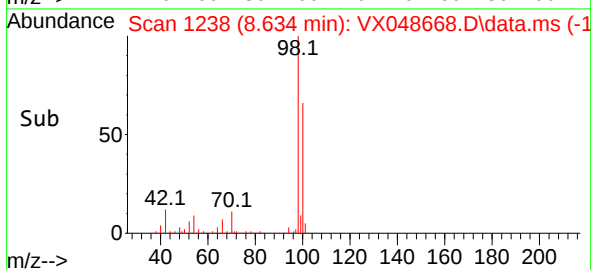
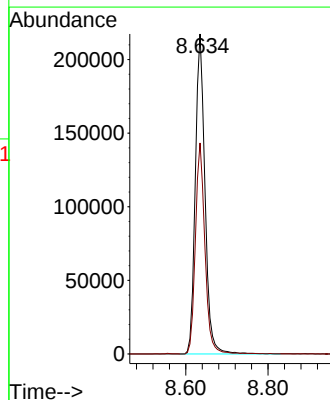
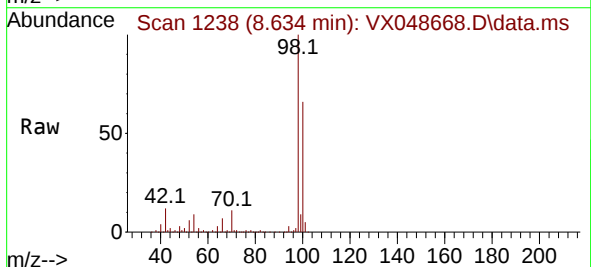
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

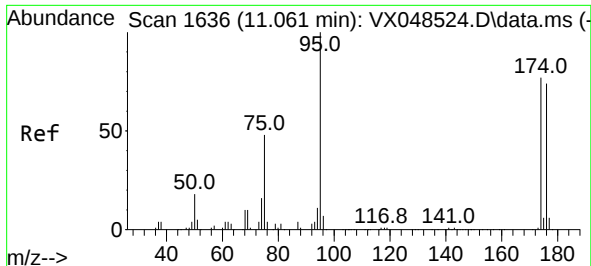
Tgt Ion:	43	Resp:	12285
Ion	Ratio	Lower	Upper
43	100		
61	18.6	16.2	24.4
87	12.0	10.9	16.3



#50
Toluene-d8
Concen: 49.652 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048668.D
Acq: 24 Nov 2025 16:50

Tgt Ion:	98	Resp:	354888
Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.6	80.4





#62

4-Bromofluorobenzene

Concen: 57.866 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048668.D

Acq: 24 Nov 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

VNJ-222

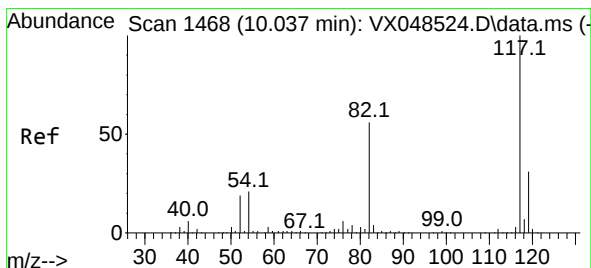
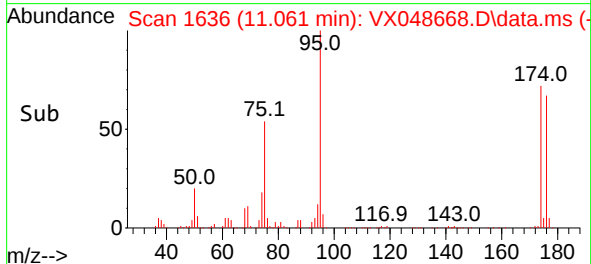
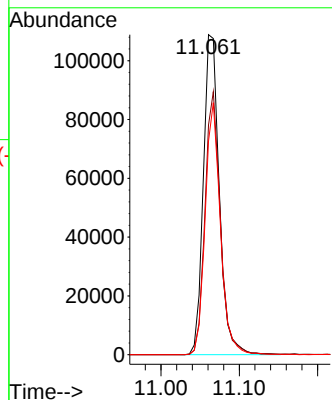
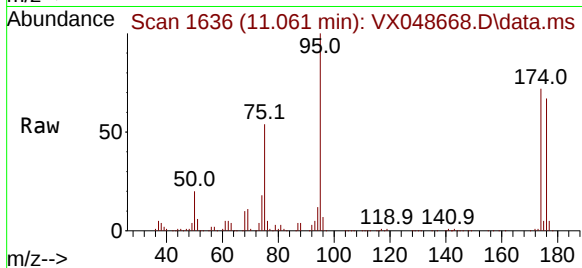
Tgt Ion: 95 Resp: 154133

Ion Ratio Lower Upper

95 100

174 79.5 0.0 161.8

176 75.1 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048668.D

Acq: 24 Nov 2025 16:50

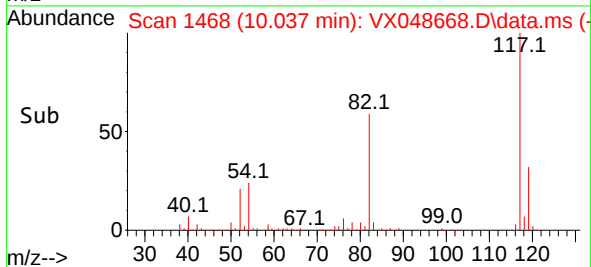
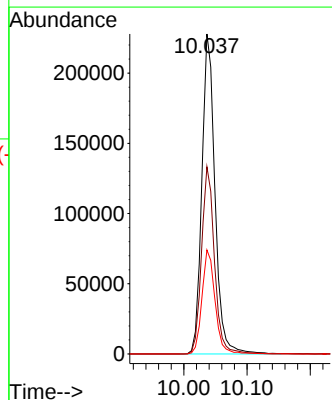
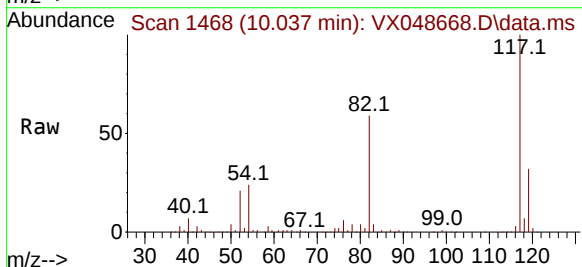
Tgt Ion: 117 Resp: 329711

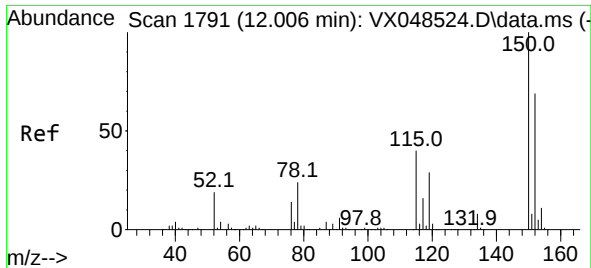
Ion Ratio Lower Upper

117 100

82 58.5 44.4 66.6

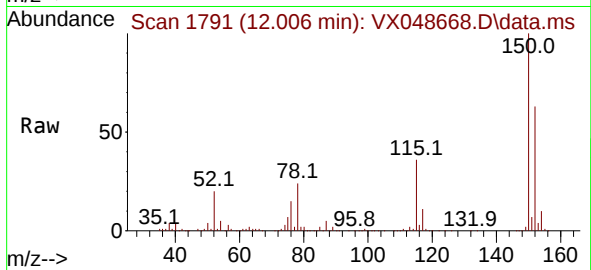
119 32.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048668.D
 Acq: 24 Nov 2025 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-222



Tgt Ion:152 Resp: 177161
 Ion Ratio Lower Upper
 152 100
 115 59.0 39.2 117.6
 150 156.7 0.0 347.0

