

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046144.D
 Acq On : 12 May 2025 17:29
 Operator : JC/MD
 Sample : Q1986-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-218

Quant Time: May 13 03:21:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

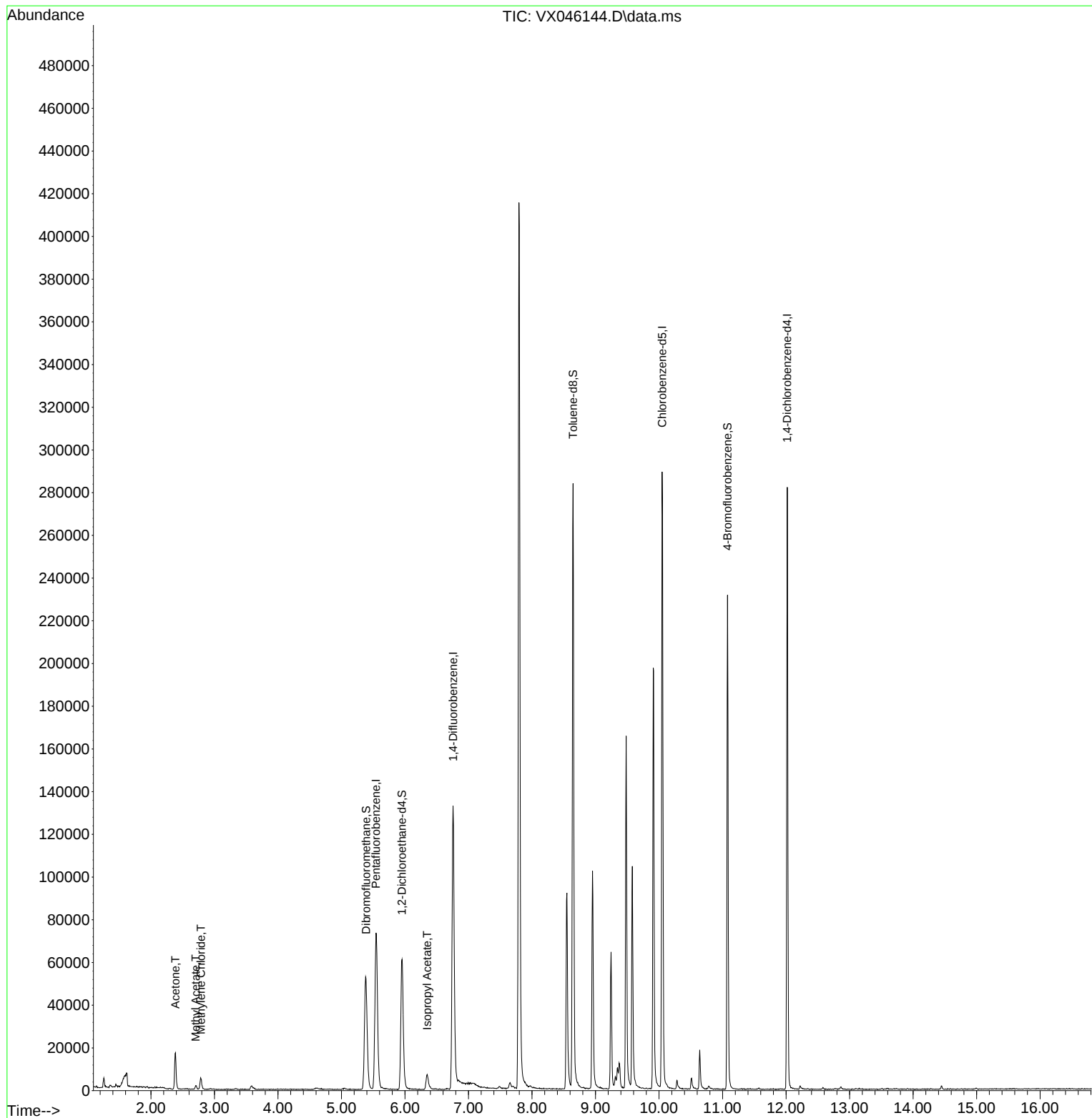
Internal Standards						
1) Pentafluorobenzene	5.544	168	62310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63033	54.261	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.520%
35) Dibromofluoromethane	5.385	113	46779	52.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.320%
50) Toluene-d8	8.647	98	160923	51.847	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.700%
62) 4-Bromofluorobenzene	11.079	95	61480	51.639	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.280%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	18925	40.632	ug/l	97
18) Methyl Acetate	2.703	43	2600	2.406	ug/l #	85
20) Methylene Chloride	2.788	84	2504	2.805	ug/l	93
43) Isopropyl Acetate	6.348	43	10787	4.750	ug/l	95

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

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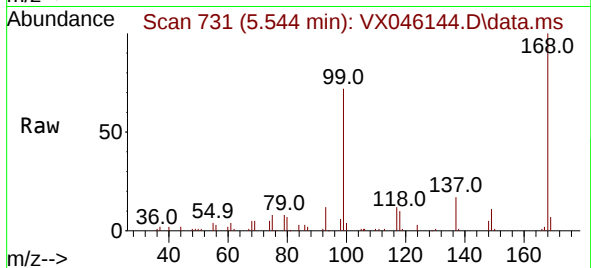
Quant Time: May 13 03:21:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



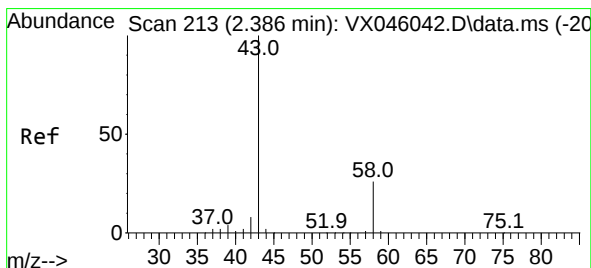
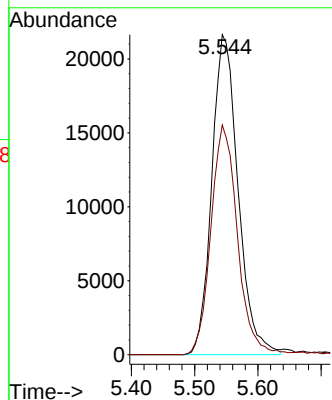
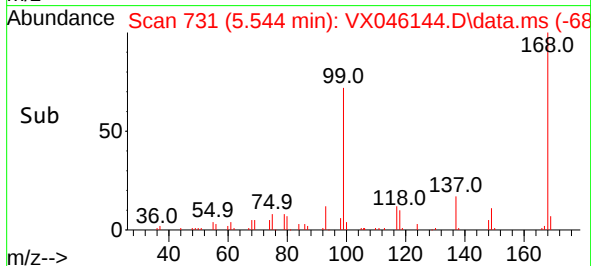


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046144.D
Acq: 12 May 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VNJ-218

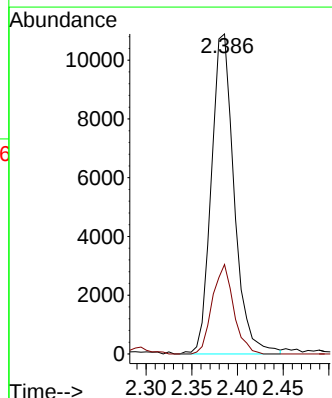
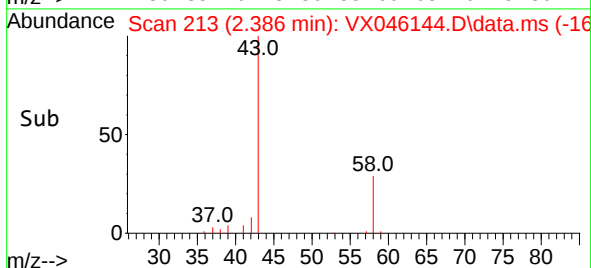
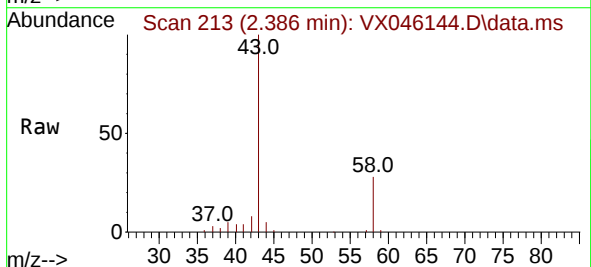


Tgt Ion:168 Resp: 62310
Ion Ratio Lower Upper
168 100
99 71.7 54.9 82.3



#16
Acetone
Concen: 40.632 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046144.D
Acq: 12 May 2025 17:29

Tgt Ion: 43 Resp: 18925
Ion Ratio Lower Upper
43 100
58 28.0 21.2 31.8

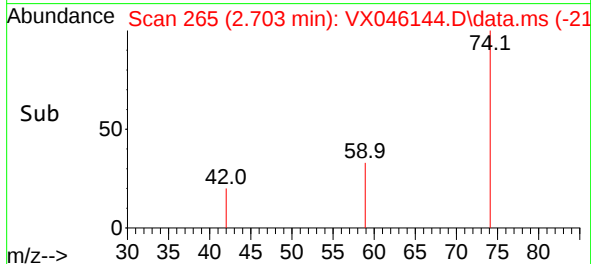
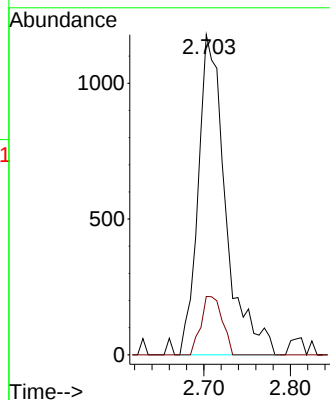
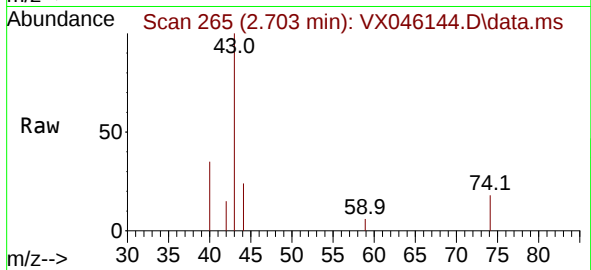




#18
Methyl Acetate
Concen: 2.406 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX046144.D
Acq: 12 May 2025 17:29

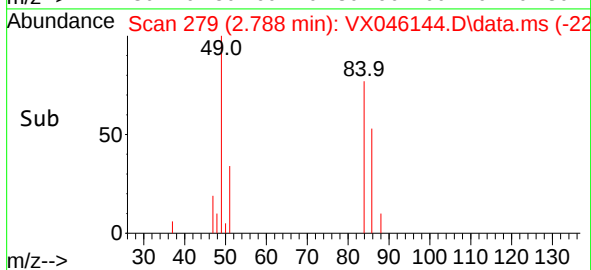
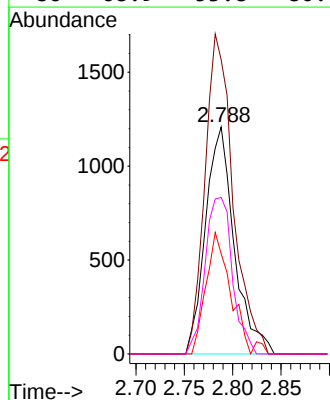
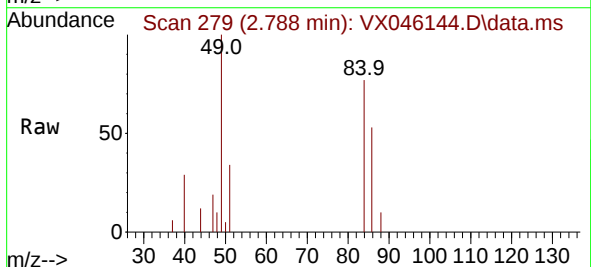
Instrument :
MSVOA_X
ClientSampleId :
VNJ-218

Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
74 14.1 16.7 25.1#



#20
Methylene Chloride
Concen: 2.805 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046144.D
Acq: 12 May 2025 17:29

Tgt Ion: 84 Resp: 2504
Ion Ratio Lower Upper
84 100
49 129.5 113.9 170.9
51 44.2 33.5 50.3
86 68.9 53.8 80.8

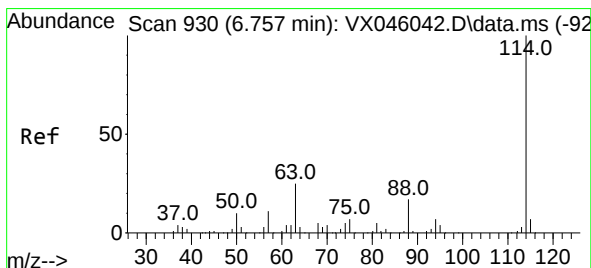
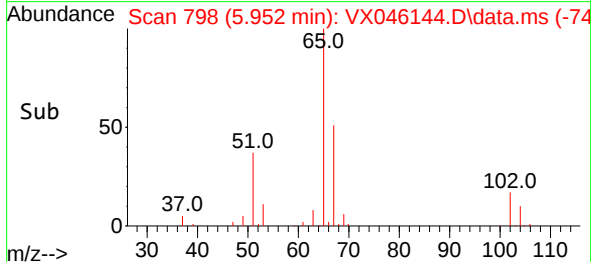
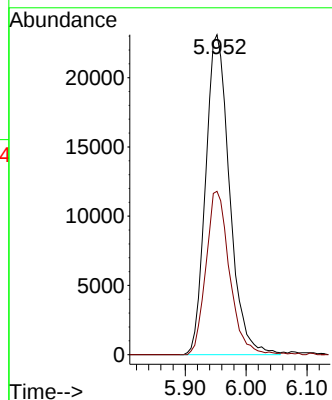
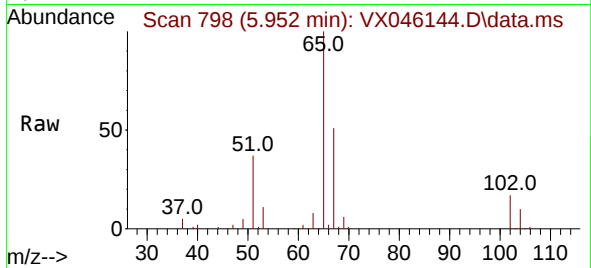




#33
 1,2-Dichloroethane-d4
 Concen: 54.261 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046144.D
 Acq: 12 May 2025 17:29

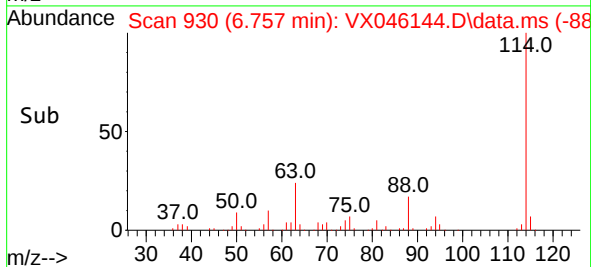
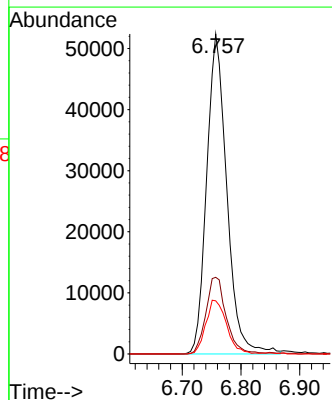
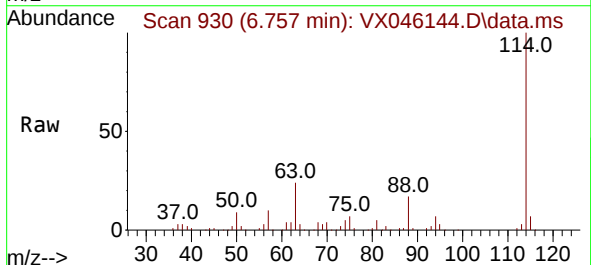
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-218

Tgt Ion: 65 Resp: 63033
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046144.D
 Acq: 12 May 2025 17:29

Tgt Ion: 114 Resp: 124531
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.165 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046144.D

Acq: 12 May 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VNJ-218

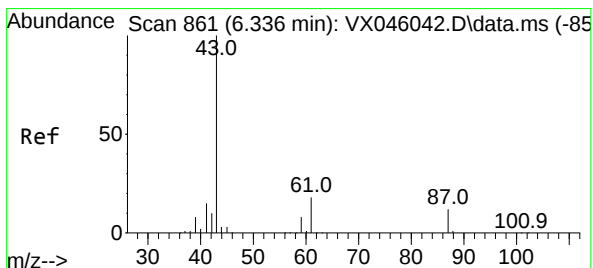
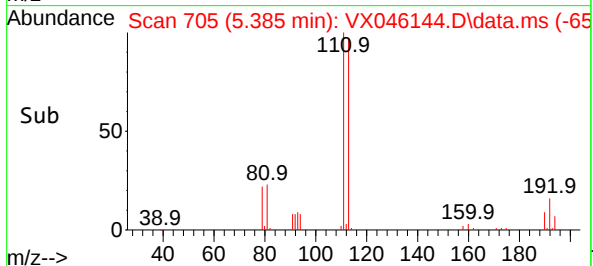
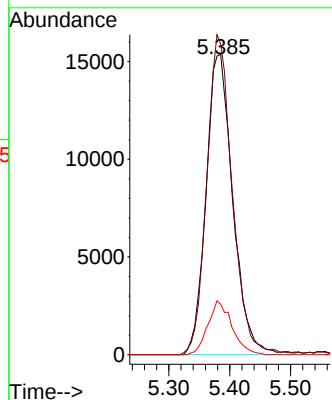
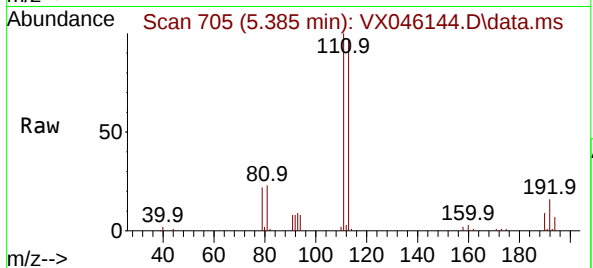
Tgt Ion:113 Resp: 46779

Ion Ratio Lower Upper

113 100

111 101.8 83.1 124.7

192 16.2 13.3 19.9



#43

Isopropyl Acetate

Concen: 4.750 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046144.D

Acq: 12 May 2025 17:29

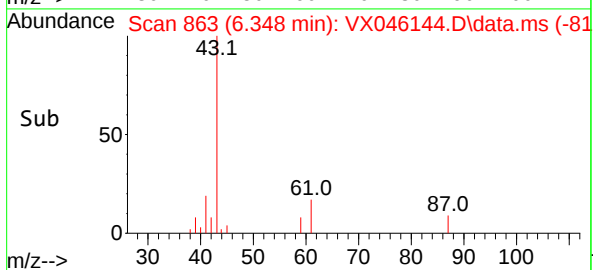
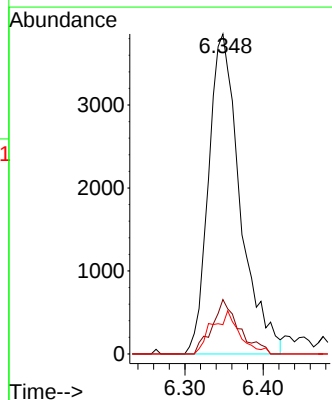
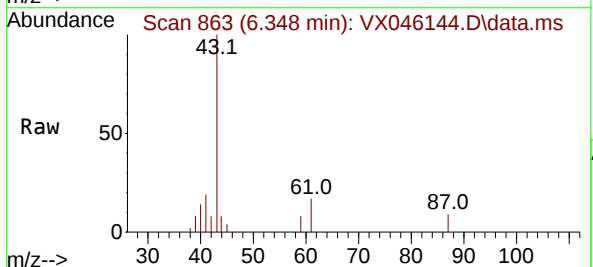
Tgt Ion: 43 Resp: 10787

Ion Ratio Lower Upper

43 100

61 14.6 14.3 21.5

87 11.8 9.5 14.3

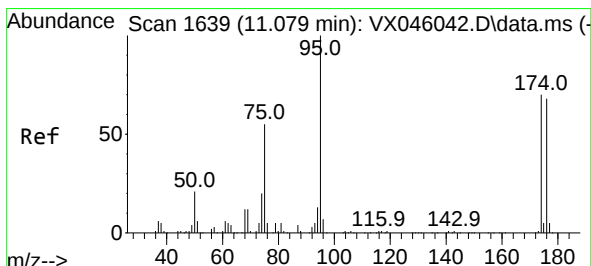
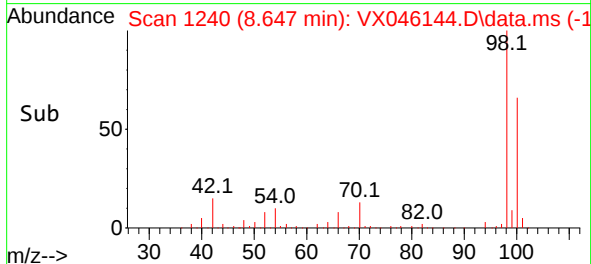
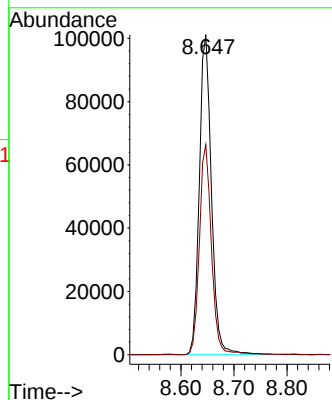
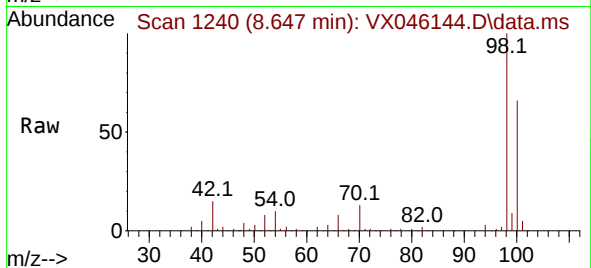




#50
Toluene-d8
Concen: 51.847 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046144.D
Acq: 12 May 2025 17:29

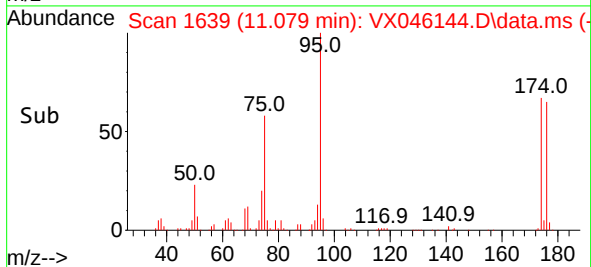
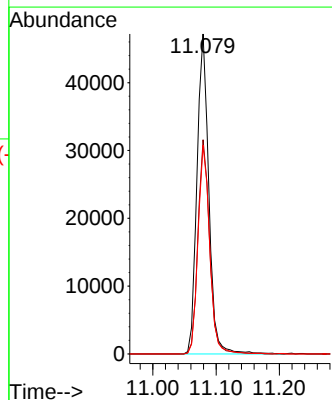
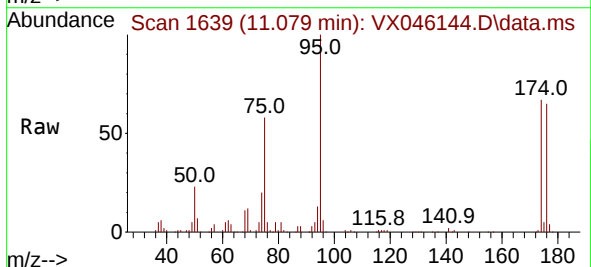
Instrument :
MSVOA_X
ClientSampleId :
VNJ-218

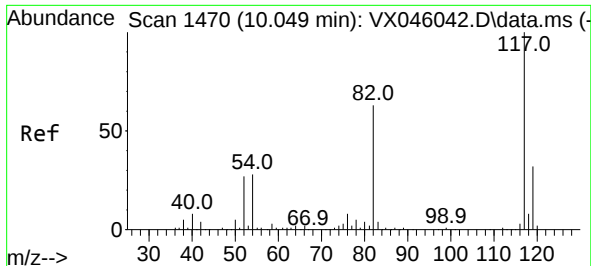
Tgt Ion: 98 Resp: 160923
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046144.D
Acq: 12 May 2025 17:29

Tgt Ion: 95 Resp: 61480
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 64.5 0.0 131.4

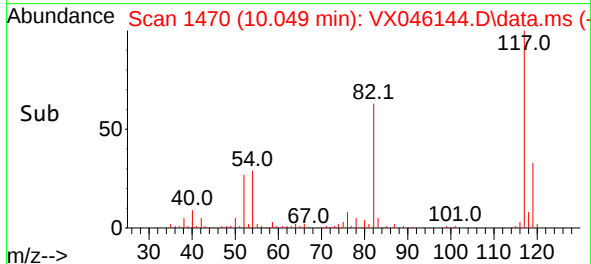
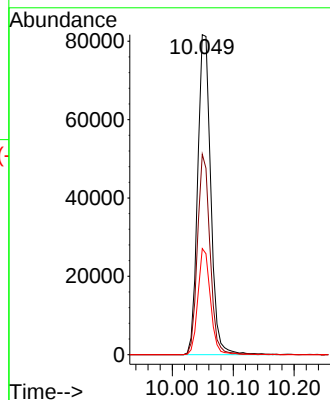
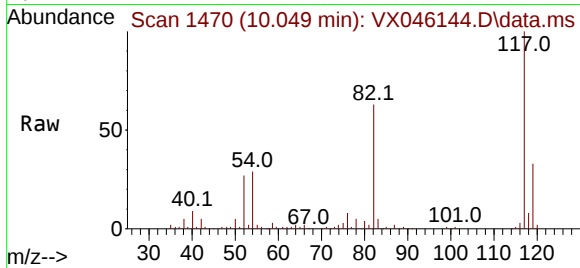




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046144.D
Acq: 12 May 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VNJ-218

Tgt Ion:117 Resp: 121494
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046144.D
Acq: 12 May 2025 17:29

Tgt Ion:152 Resp: 51299
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 155.8 0.0 351.0

