

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046322.D
 Acq On : 22 May 2025 12:23
 Operator : JC/MD
 Sample : Q2097-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-244

Quant Time: May 23 01:44:58 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)

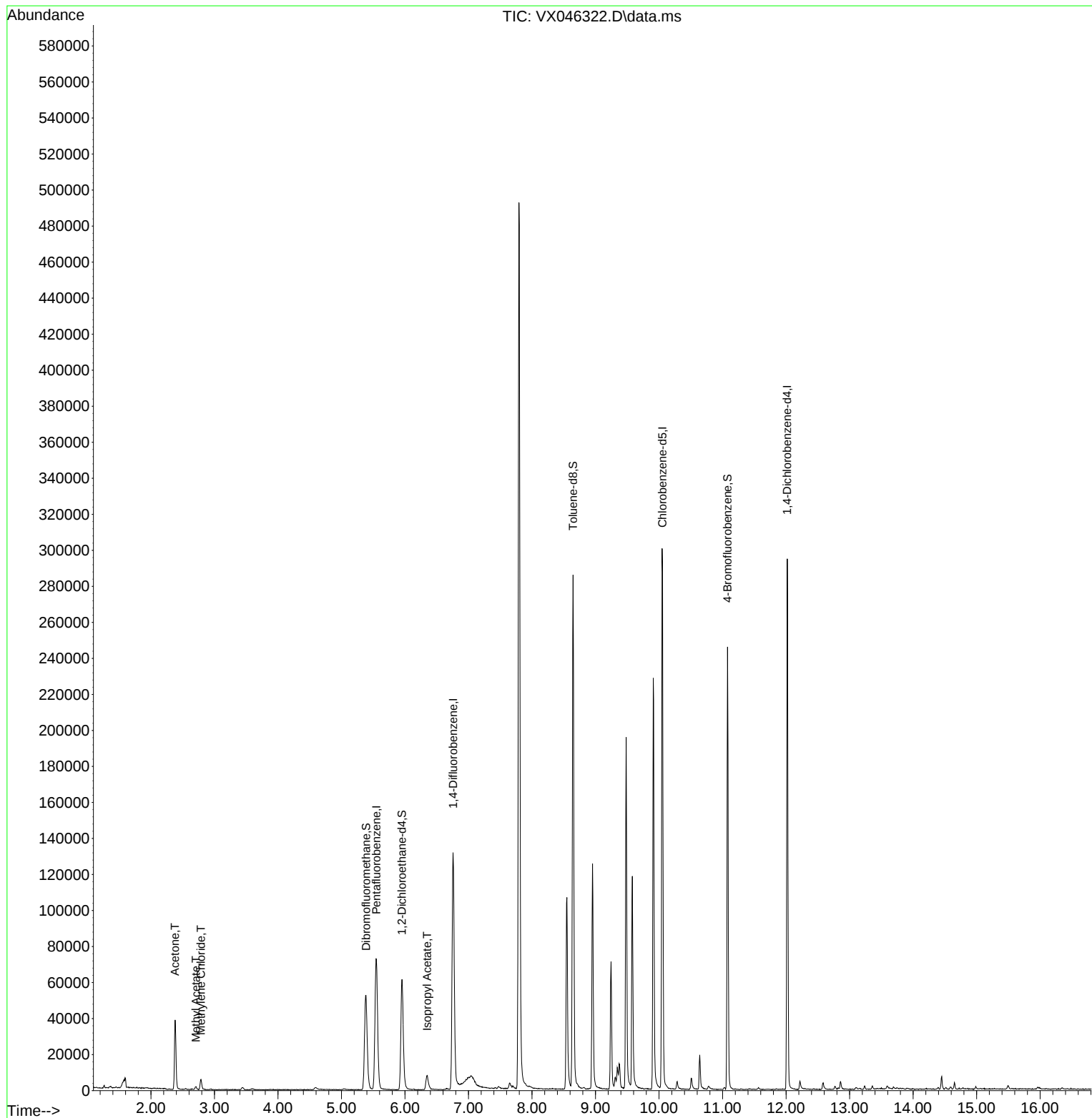
Internal Standards						
1) Pentafluorobenzene	5.550	168	63541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62880	53.081	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.160%
35) Dibromofluoromethane	5.385	113	46214	50.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	8.647	98	159674	50.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.700%
62) 4-Bromofluorobenzene	11.079	95	64000	53.130	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.260%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	42097	88.630	ug/l	97
18) Methyl Acetate	2.709	43	2253	2.044	ug/l	91
20) Methylene Chloride	2.788	84	2652	2.914	ug/l #	74
43) Isopropyl Acetate	6.348	43	12371	5.384	ug/l	98

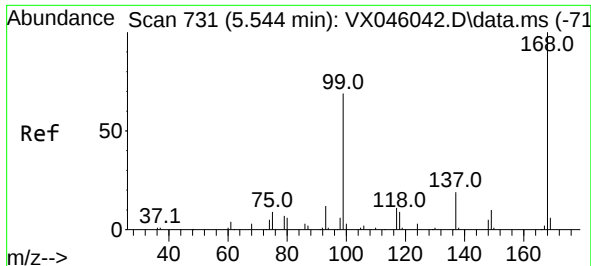
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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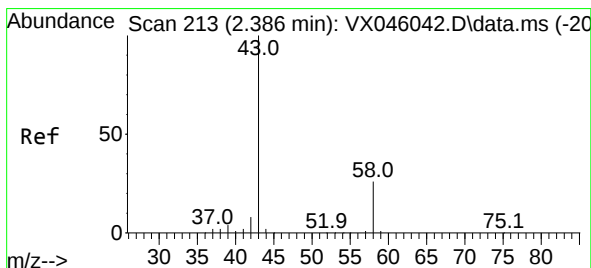
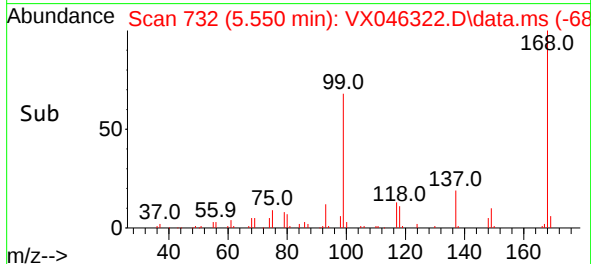
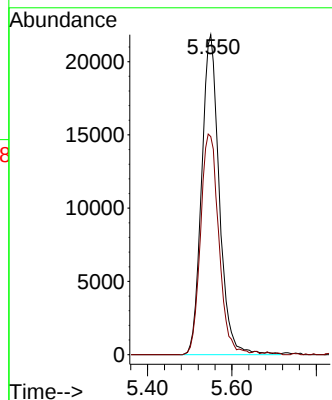
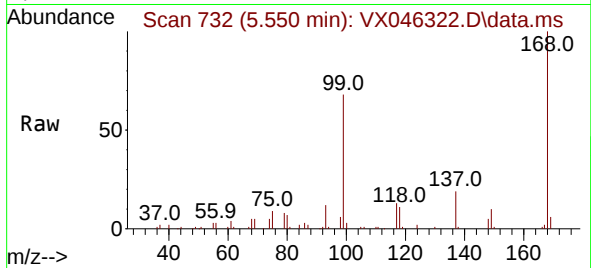




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

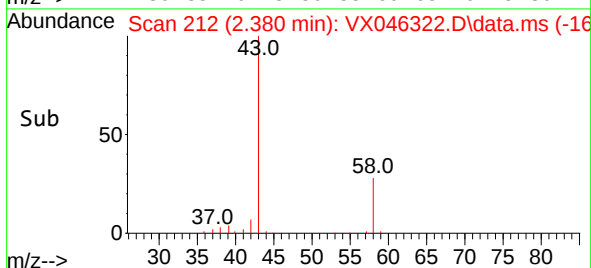
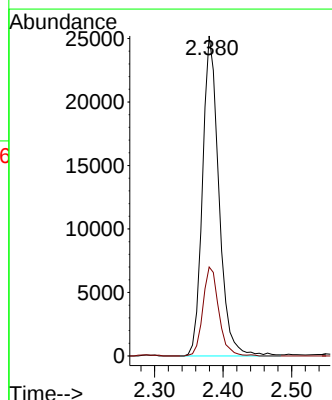
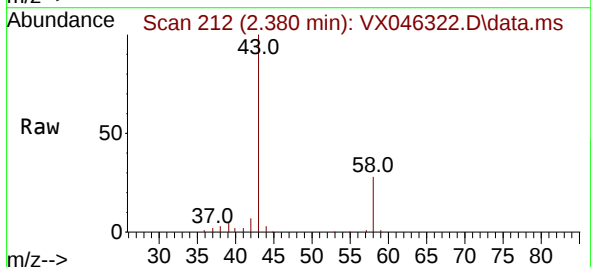
Instrument :
MSVOA_X
ClientSampleId :
VNJ-244

Tgt Ion:168 Resp: 63541
Ion Ratio Lower Upper
168 100
99 68.2 54.9 82.3



#16
Acetone
Concen: 88.630 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

Tgt Ion: 43 Resp: 42097
Ion Ratio Lower Upper
43 100
58 27.8 21.2 31.8

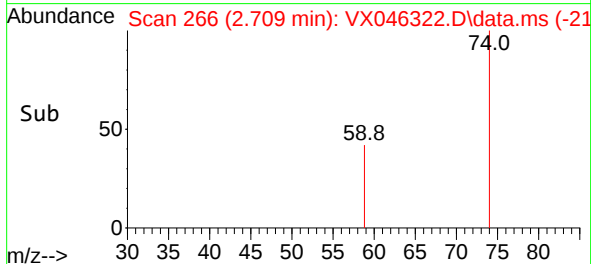
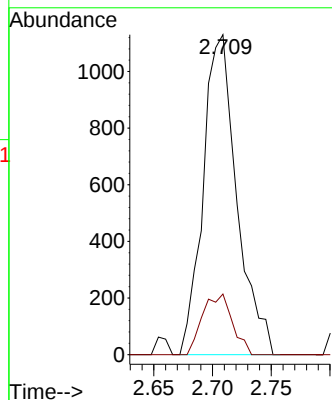
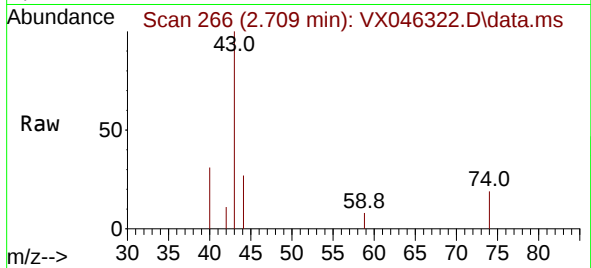




#18
Methyl Acetate
Concen: 2.044 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

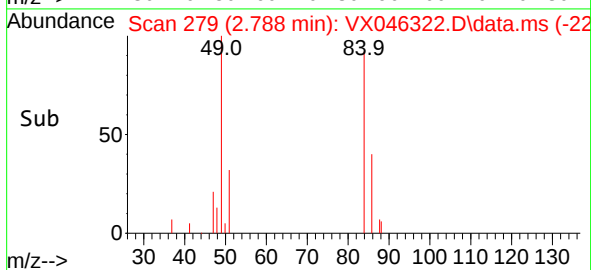
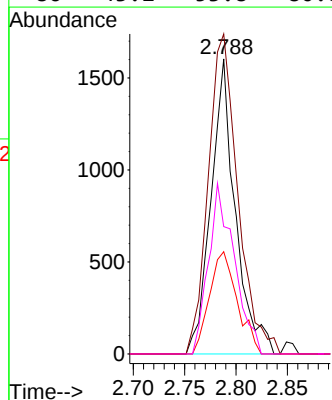
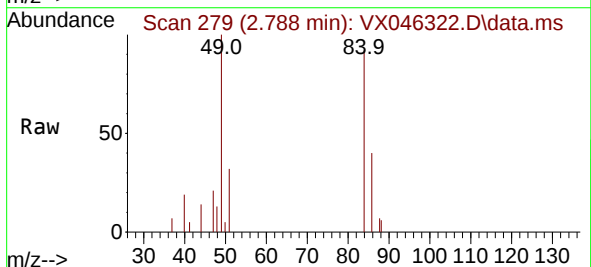
Instrument :
MSVOA_X
ClientSampleId :
VNJ-244

Tgt Ion: 43 Resp: 2253
Ion Ratio Lower Upper
43 100
74 16.8 16.7 25.1



#20
Methylene Chloride
Concen: 2.914 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

Tgt Ion: 84 Resp: 2652
Ion Ratio Lower Upper
84 100
49 108.5 113.9 170.9#
51 34.7 33.5 50.3
86 43.2 53.8 80.8#

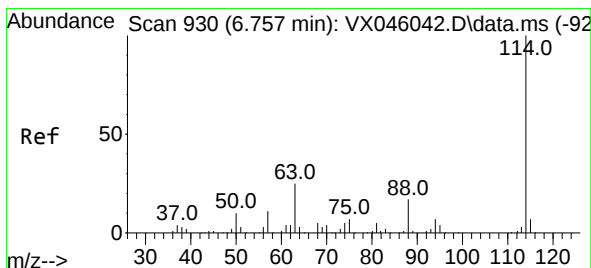
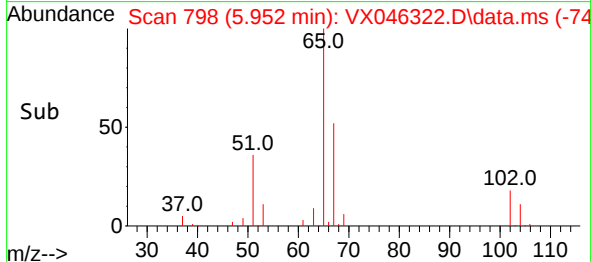
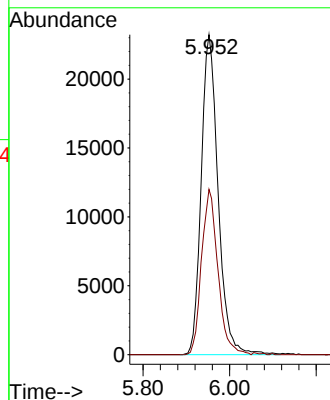
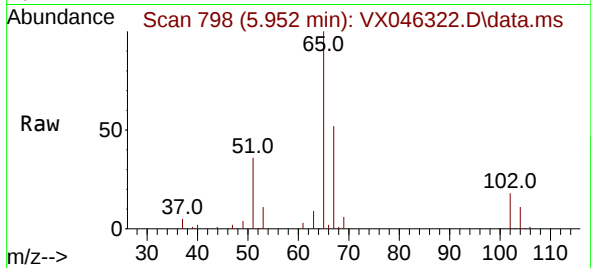




#33
 1,2-Dichloroethane-d4
 Concen: 53.081 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046322.D
 Acq: 22 May 2025 12:23

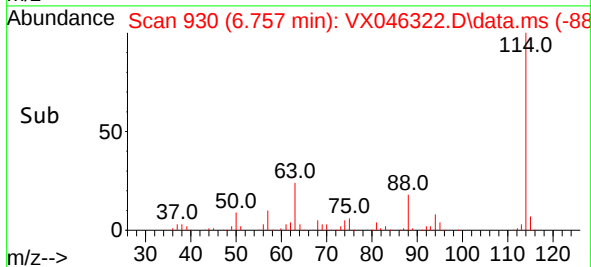
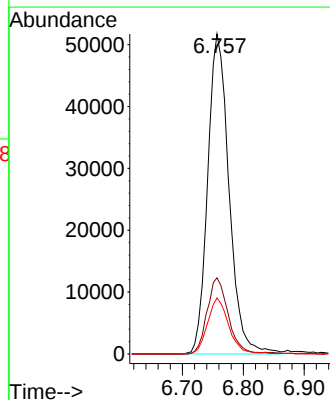
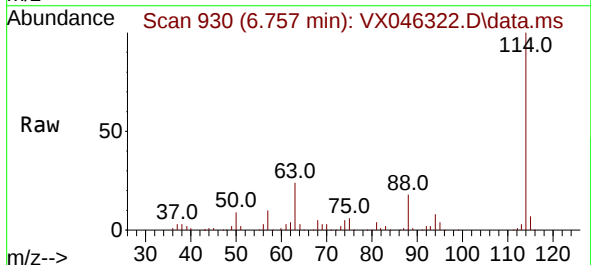
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-244

Tgt Ion: 65 Resp: 62880
 Ion Ratio Lower Upper
 65 100
 67 50.1 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: VX046322.D
 Acq: 22 May 2025 12:23

Tgt Ion: 114 Resp: 125999
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.2
 88 17.5 0.0 33.6

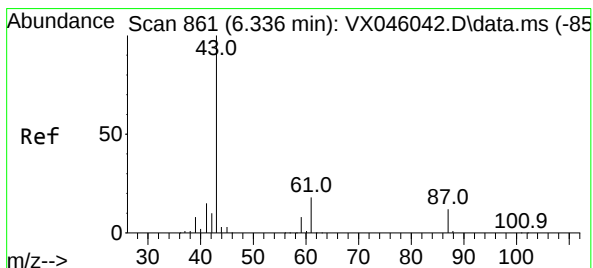
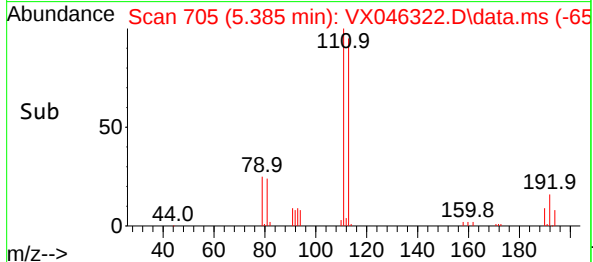
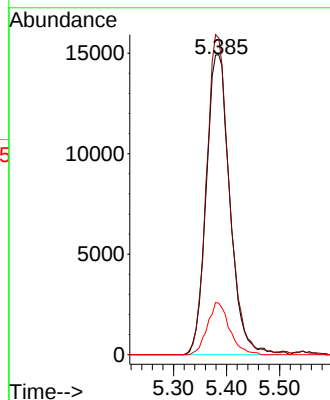
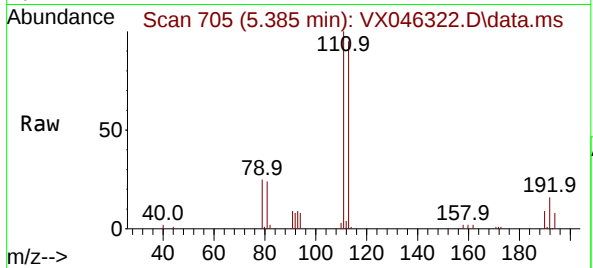




#35
Dibromofluoromethane
Concen: 50.934 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

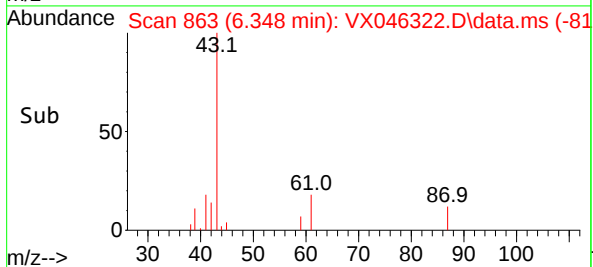
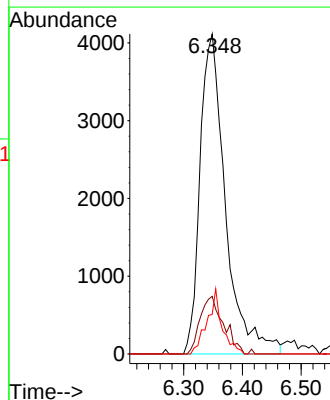
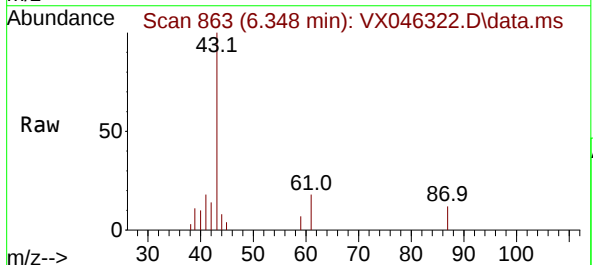
Instrument :
MSVOA_X
ClientSampleId :
VNJ-244

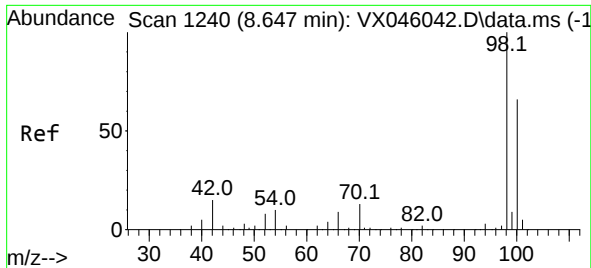
Tgt Ion:113 Resp: 46214
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.3 13.3 19.9



#43
Isopropyl Acetate
Concen: 5.384 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

Tgt Ion: 43 Resp: 12371
Ion Ratio Lower Upper
43 100
61 16.6 14.3 21.5
87 11.9 9.5 14.3

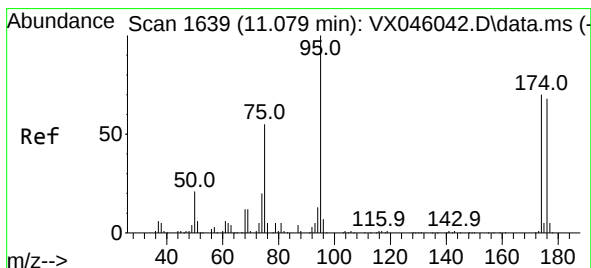
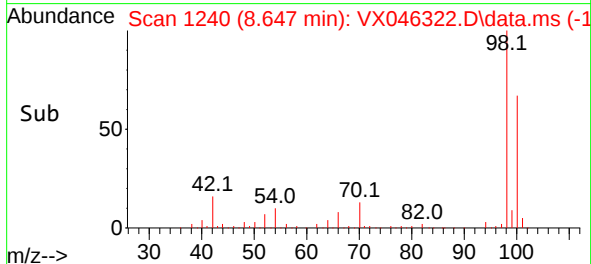
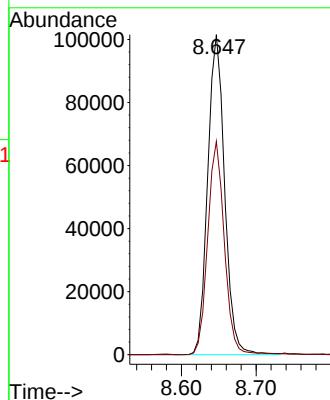
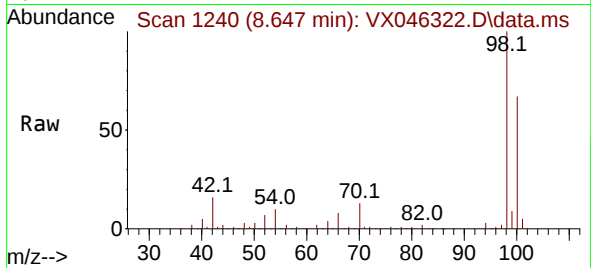




#50
Toluene-d8
Concen: 50.845 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

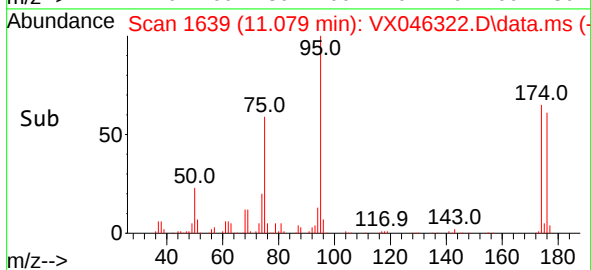
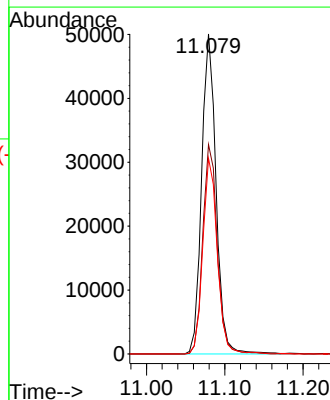
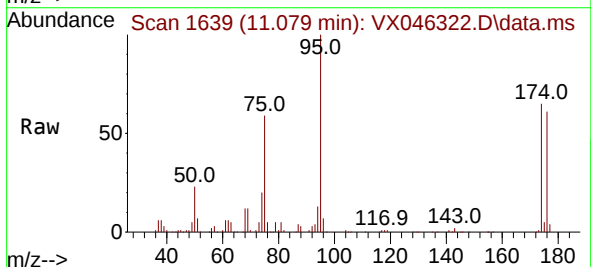
Instrument :
MSVOA_X
ClientSampleId :
VNJ-244

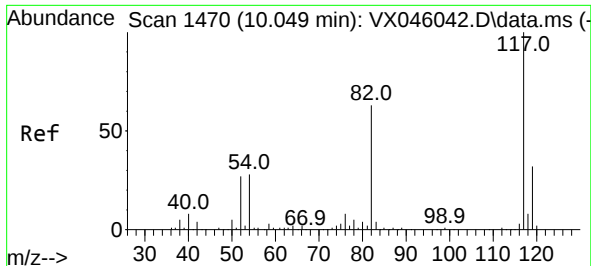
Tgt Ion: 98 Resp: 159674
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

Tgt Ion: 95 Resp: 64000
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 61.5 0.0 131.4

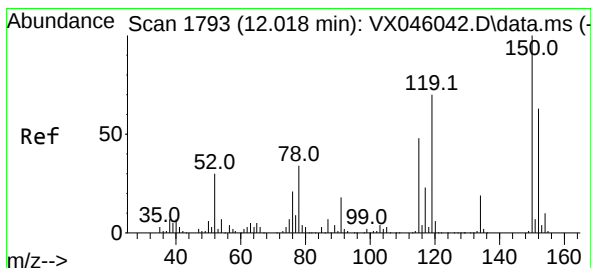
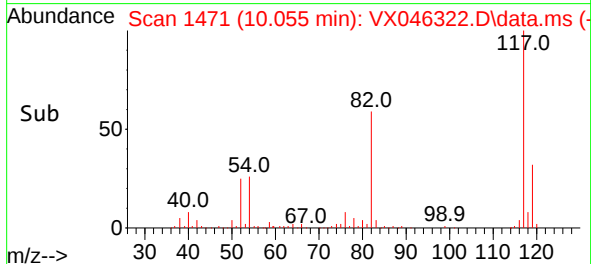
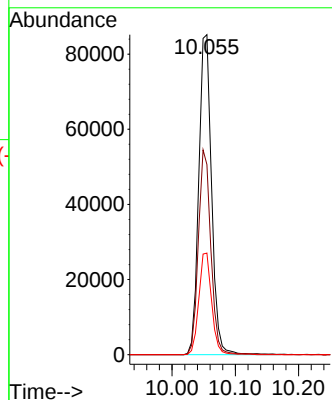
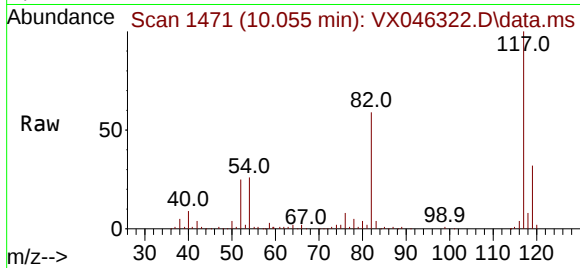




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046322.D
Acq: 22 May 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
VNJ-244

Tgt Ion:117 Resp: 120127
Ion Ratio Lower Upper
117 100
82 59.4 50.6 76.0
119 31.7 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: VX046322.D
Acq: 22 May 2025 12:23

Tgt Ion:152 Resp: 53355
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 156.0 0.0 351.0

