

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039276.D
 Acq On : 06 Oct 2025 16:11
 Operator : SY/MD
 Sample : Q3289-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VNJ-240

Quant Time: Oct 07 03:37:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

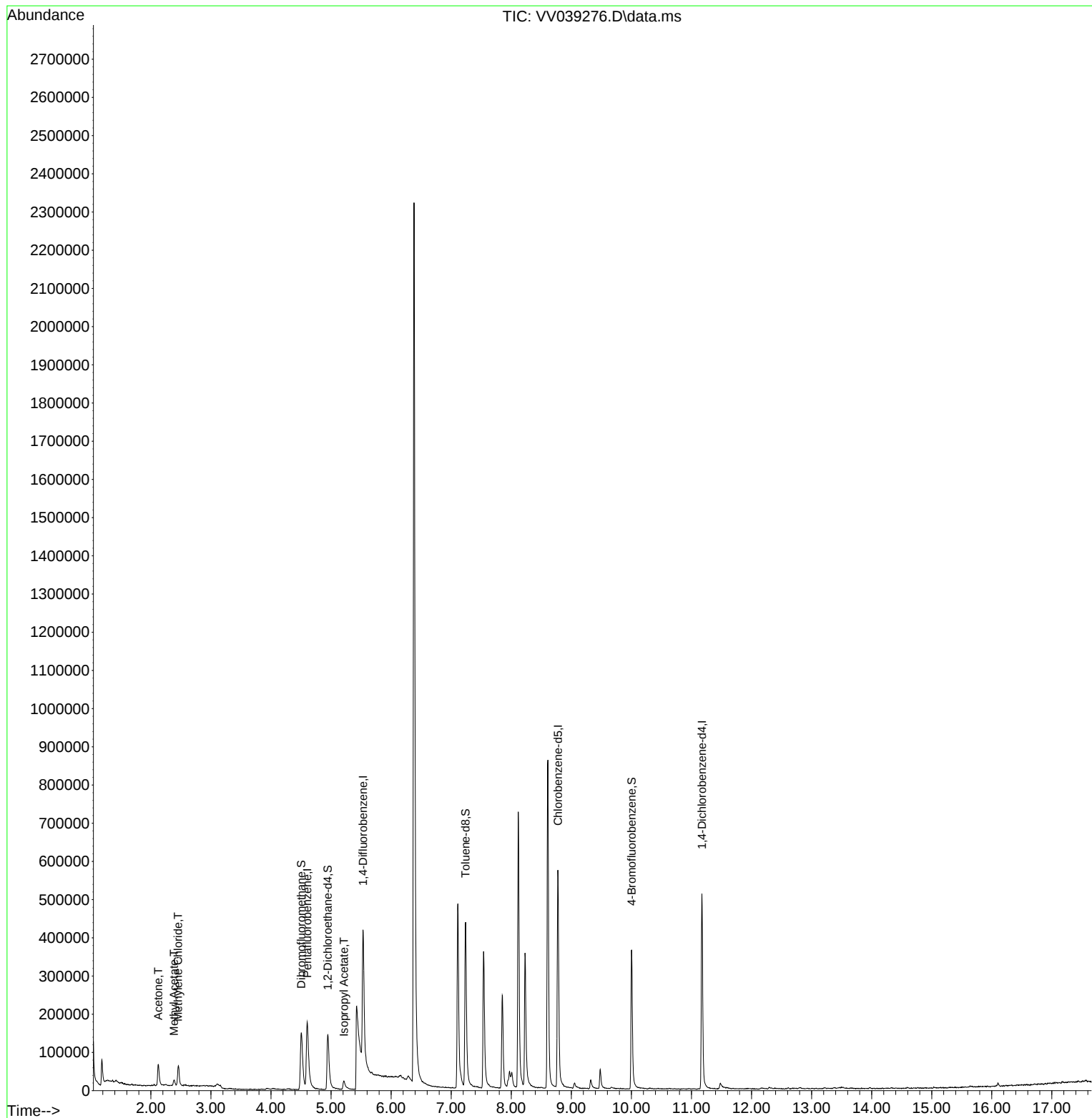
Internal Standards						
1) Pentafluorobenzene	4.603	168	152342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	316837	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	328845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	141807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	131671	59.719	ug/l	0.00
Spiked Amount	50.000	Range 81 - 118	Recovery	= 119.440%#		
35) Dibromofluoromethane	4.507	113	133337	52.348	ug/l	0.00
Spiked Amount	50.000	Range 80 - 119	Recovery	= 104.700%		
50) Toluene-d8	7.240	98	322905	43.164	ug/l	0.00
Spiked Amount	50.000	Range 89 - 112	Recovery	= 86.320%#		
62) 4-Bromofluorobenzene	10.005	95	130127	42.253	ug/l	0.00
Spiked Amount	50.000	Range 85 - 114	Recovery	= 84.500%#		
Target Compounds						
					Qvalue	
16) Acetone	2.124	43	72108	46.760	ug/l	96
18) Methyl Acetate	2.384	43	20589	6.302	ug/l	93
20) Methylene Chloride	2.455	84	26094	9.144	ug/l	93
43) Isopropyl Acetate	5.214	43	33727	5.294	ug/l #	95

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

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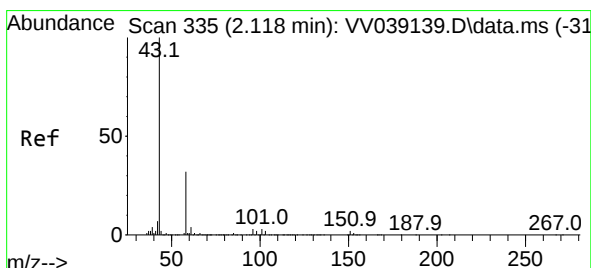
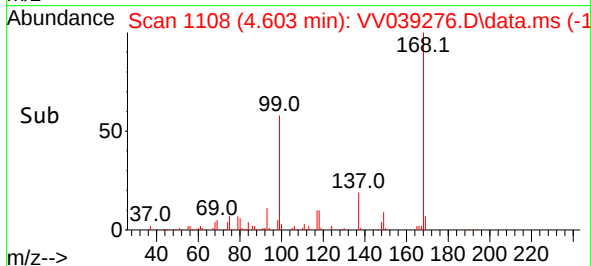
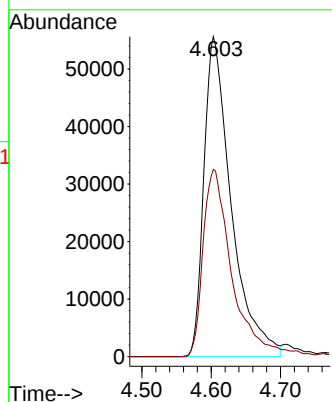
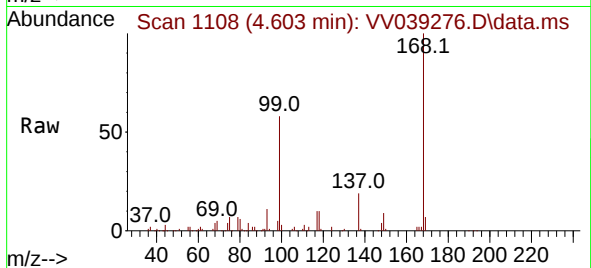




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV039276.D
Acq: 06 Oct 2025 16:11

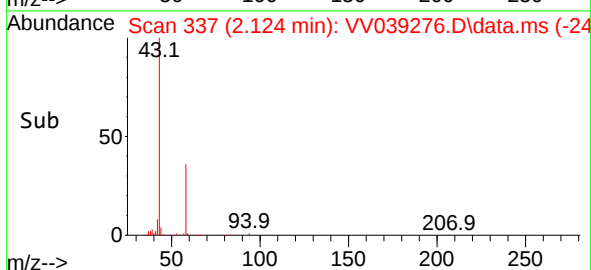
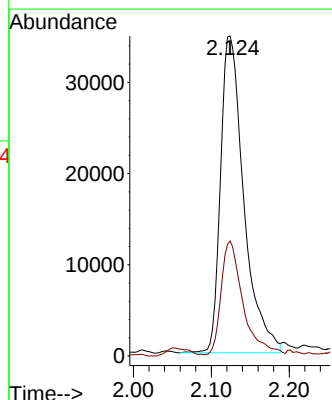
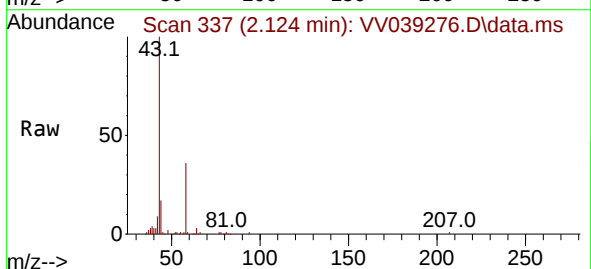
Instrument :
MSVOA_V
ClientSampleId :
VNJ-240

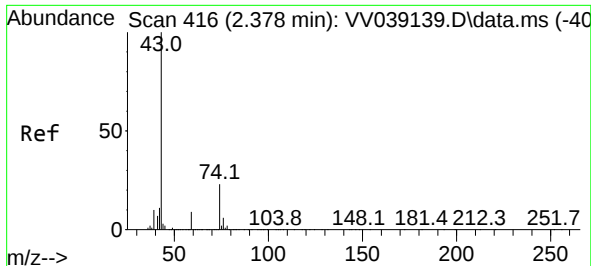
Tgt Ion:168 Resp: 152342
Ion Ratio Lower Upper
168 100
99 58.5 49.6 74.4



#16
Acetone
Concen: 46.760 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV039276.D
Acq: 06 Oct 2025 16:11

Tgt Ion: 43 Resp: 72108
Ion Ratio Lower Upper
43 100
58 34.6 25.8 38.6

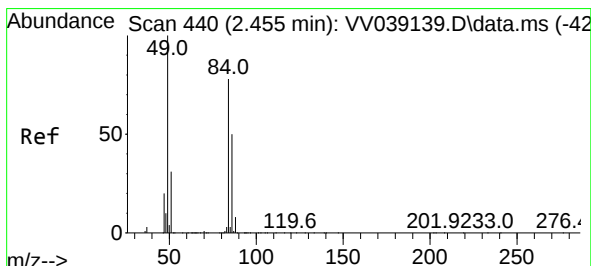
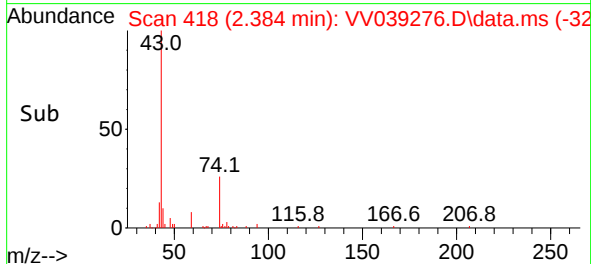
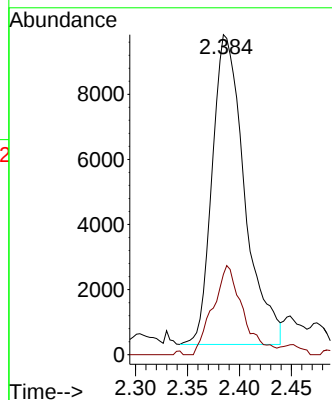
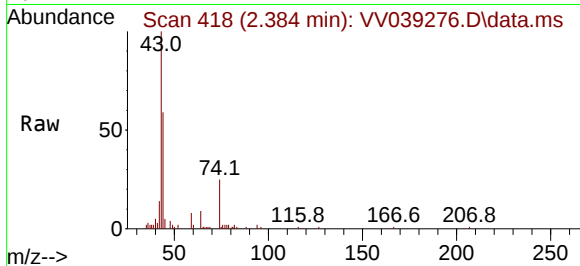




#18
Methyl Acetate
Concen: 6.302 ug/l
RT: 2.384 min Scan# 416
Delta R.T. 0.006 min
Lab File: VV039276.D
Acq: 06 Oct 2025 16:11

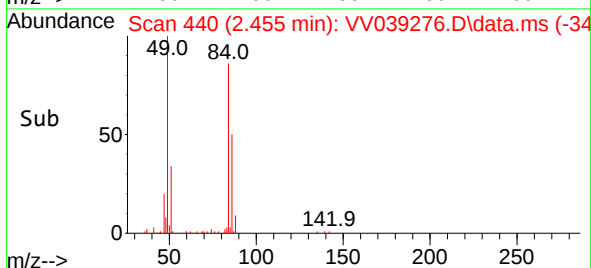
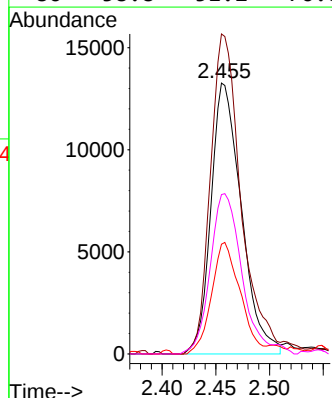
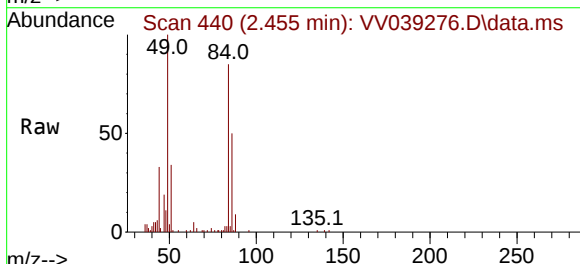
Instrument :
MSVOA_V
ClientSampleId :
VNJ-240

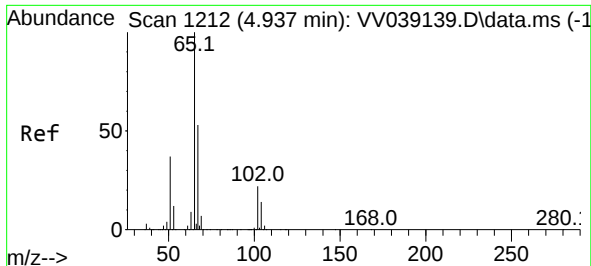
Tgt Ion: 43 Resp: 20589
Ion Ratio Lower Upper
43 100
74 26.8 18.6 27.8



#20
Methylene Chloride
Concen: 9.144 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039276.D
Acq: 06 Oct 2025 16:11

Tgt Ion: 84 Resp: 26094
Ion Ratio Lower Upper
84 100
49 118.1 102.8 154.2
51 40.5 31.9 47.9
86 58.8 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 59.719 ug/l

RT: 4.947 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039276.D

Acq: 06 Oct 2025 16:11

Instrument :

MSVOA_V

ClientSampleId :

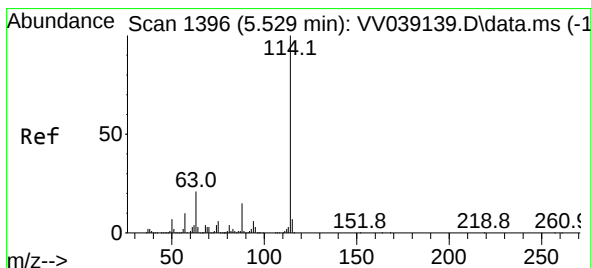
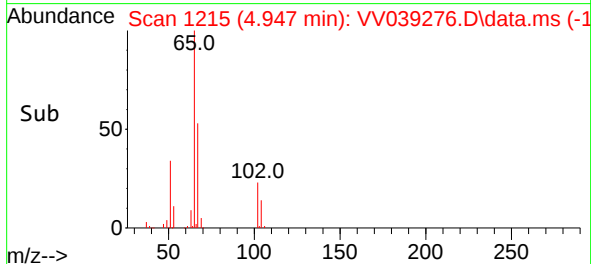
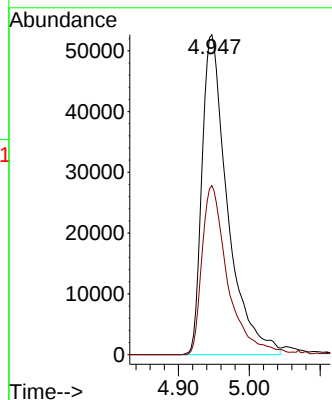
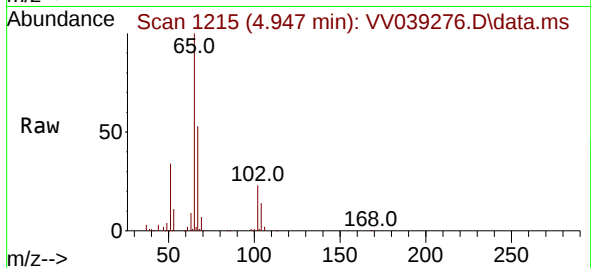
VNJ-240

Tgt Ion: 65 Resp: 131671

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039276.D

Acq: 06 Oct 2025 16:11

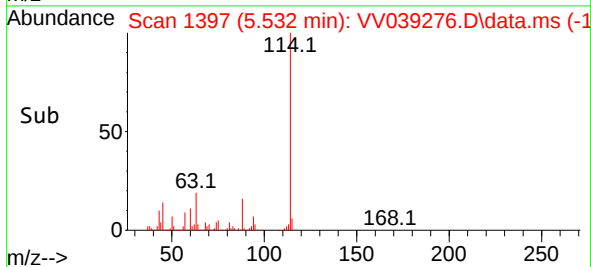
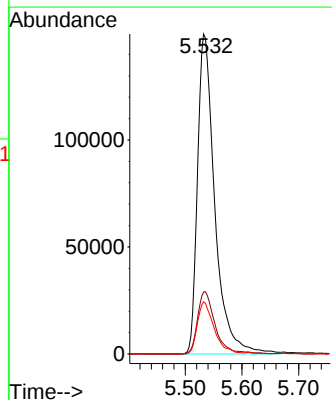
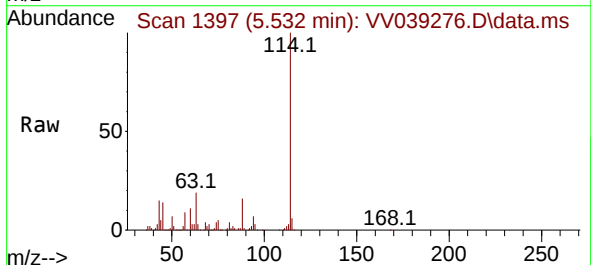
Tgt Ion:114 Resp: 316837

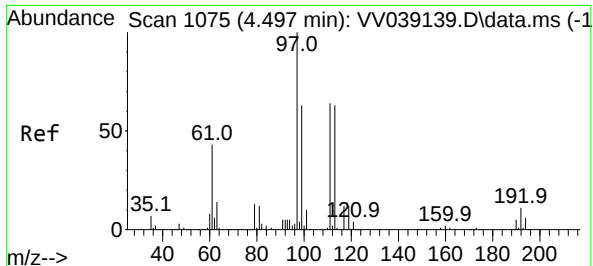
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 16.3 0.0 30.8

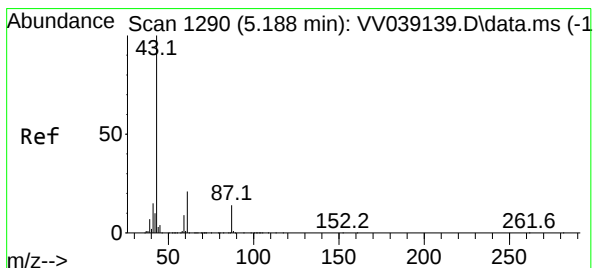
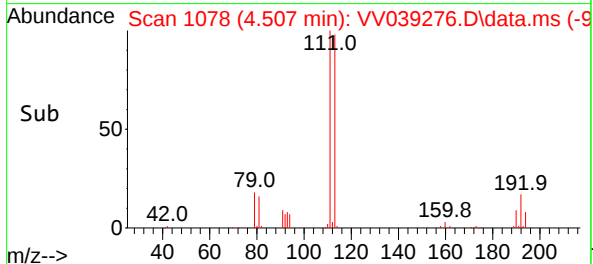
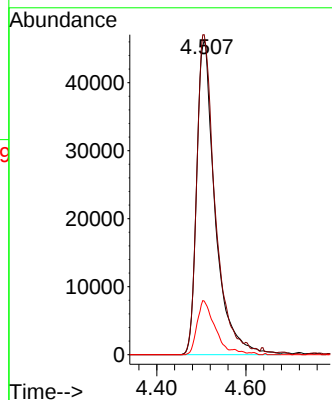
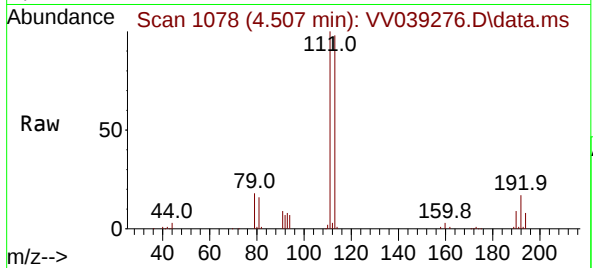




#35
Dibromofluoromethane
Concen: 52.348 ug/l
RT: 4.507 min Scan# 110
Delta R.T. 0.010 min
Lab File: VV039276.D
Acq: 06 Oct 2025 16:11

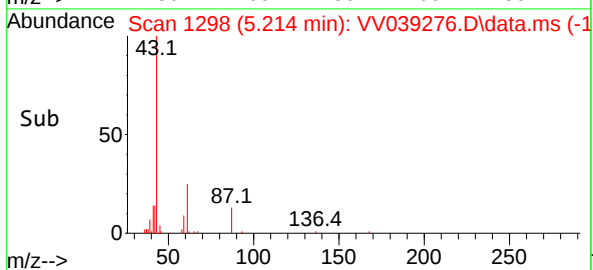
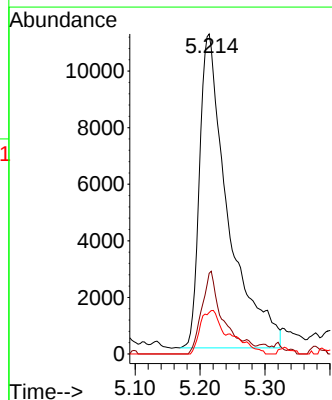
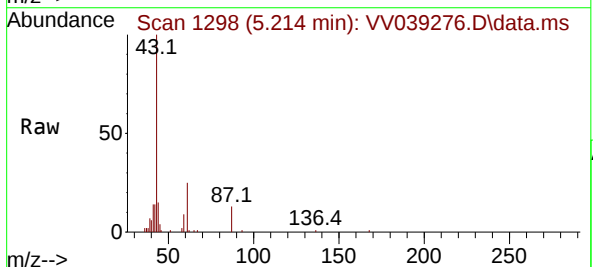
Instrument :
MSVOA_V
ClientSampleId :
VNJ-240

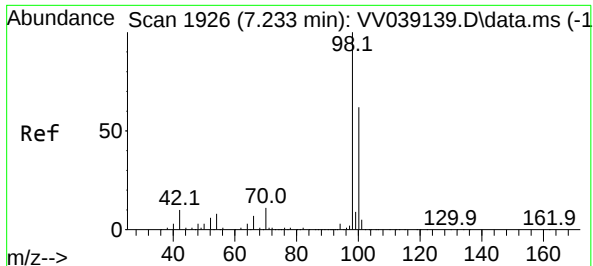
Tgt Ion:113 Resp: 133337
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 16.1 13.8 20.8



#43
Isopropyl Acetate
Concen: 5.294 ug/l
RT: 5.214 min Scan# 1298
Delta R.T. 0.026 min
Lab File: VV039276.D
Acq: 06 Oct 2025 16:11

Tgt Ion: 43 Resp: 33727
Ion Ratio Lower Upper
43 100
61 18.9 15.9 23.9
87 9.9 11.0 16.6#





#50

Toluene-d8

Concen: 43.164 ug/l

RT: 7.240 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV039276.D

Acq: 06 Oct 2025 16:11

Instrument :

MSVOA_V

ClientSampleId :

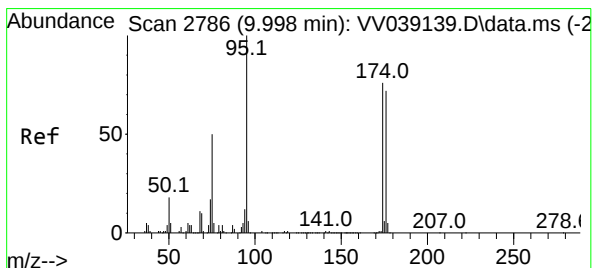
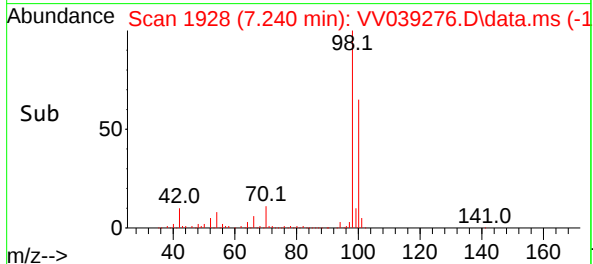
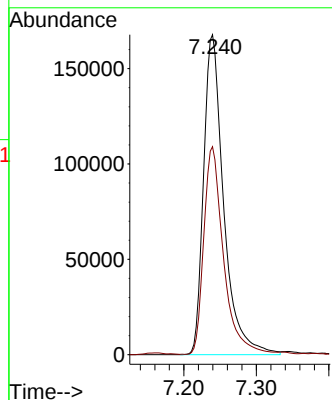
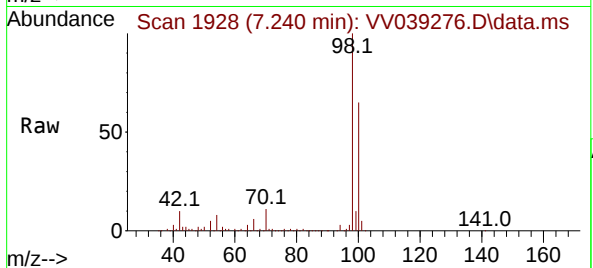
VNJ-240

Tgt Ion: 98 Resp: 322905

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 42.253 ug/l

RT: 10.005 min Scan# 2788

Delta R.T. 0.007 min

Lab File: VV039276.D

Acq: 06 Oct 2025 16:11

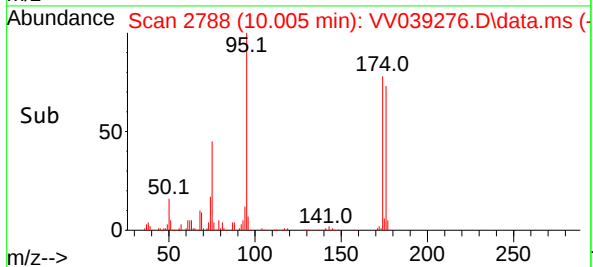
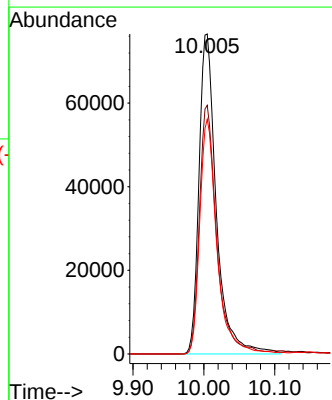
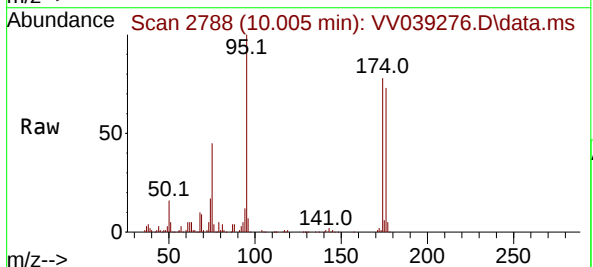
Tgt Ion: 95 Resp: 130127

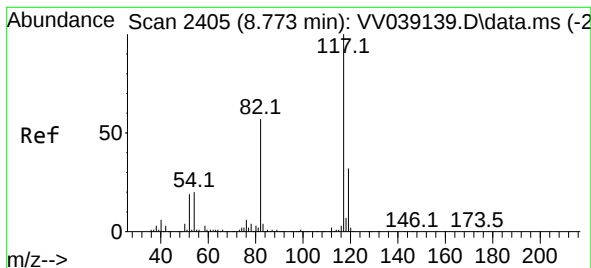
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.4

176 72.7 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039276.D

Acq: 06 Oct 2025 16:11

Instrument :

MSVOA_V

ClientSampleId :

VNJ-240

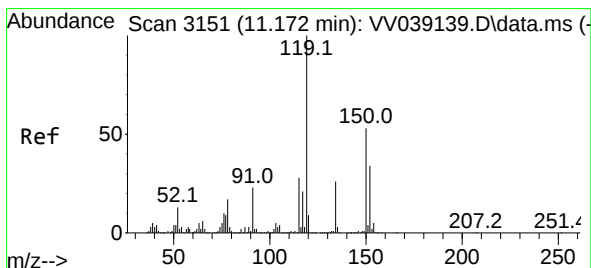
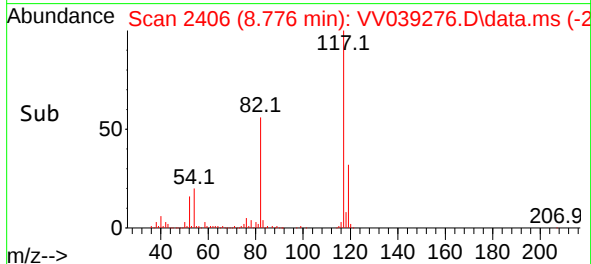
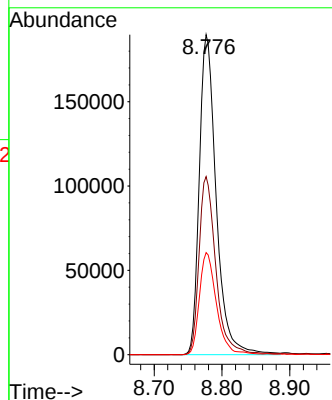
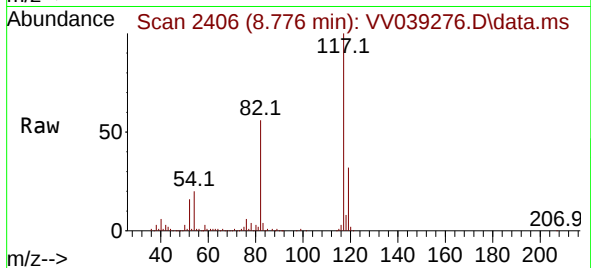
Tgt Ion:117 Resp: 328845

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.2

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039276.D

Acq: 06 Oct 2025 16:11

Tgt Ion:152 Resp: 141807

Ion Ratio Lower Upper

152 100

115 60.4 44.8 134.4

150 159.9 0.0 353.8

