

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088524.D
 Acq On : 16 Dec 2025 13:45
 Operator : JC\MD
 Sample : Q3853-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP01-MH11

Quant Time: Dec 17 01:40:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

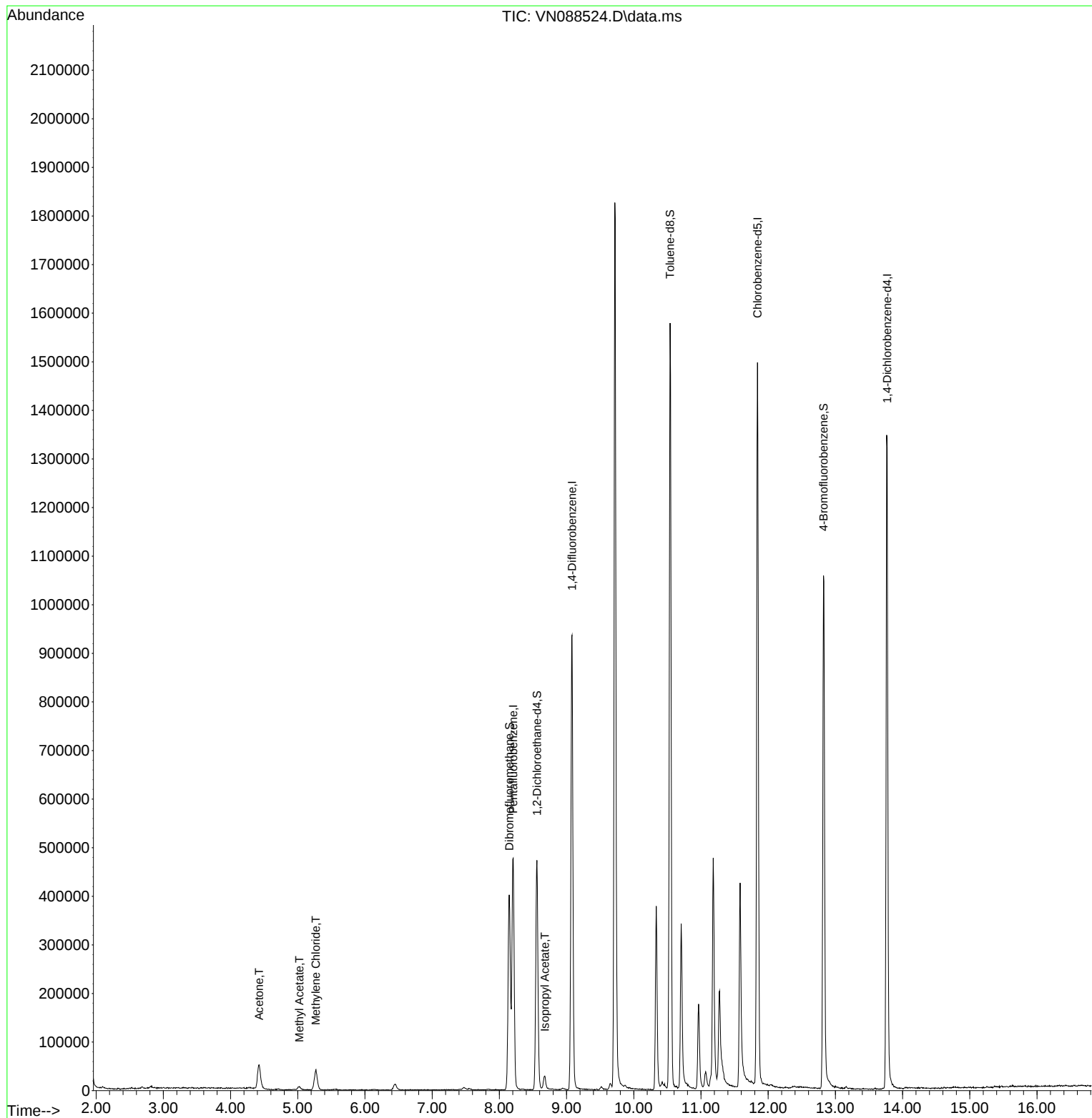
Internal Standards						
1) Pentafluorobenzene	8.206	168	329165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	779512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	832897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	373822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	401125	64.689	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 129.380%#		
35) Dibromofluoromethane	8.147	113	297903	55.147	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.300%		
50) Toluene-d8	10.541	98	1075848	53.526	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.060%		
62) 4-Bromofluorobenzene	12.823	95	407810	59.133	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 118.260%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	109263	48.723	ug/l	99
18) Methyl Acetate	5.024	43	14750	2.210	ug/l #	80
20) Methylene Chloride	5.271	84	31004	6.462	ug/l	90
43) Isopropyl Acetate	8.677	43	35249	2.105	ug/l	95

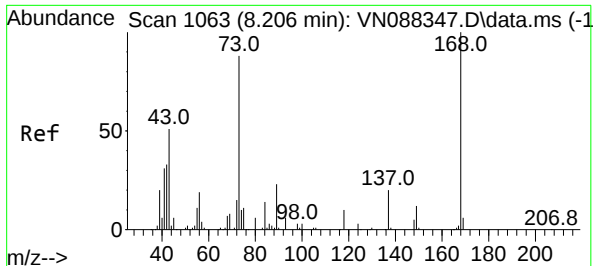
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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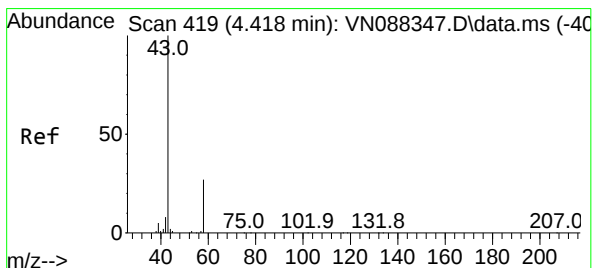
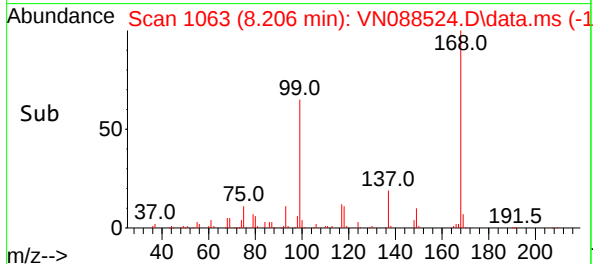
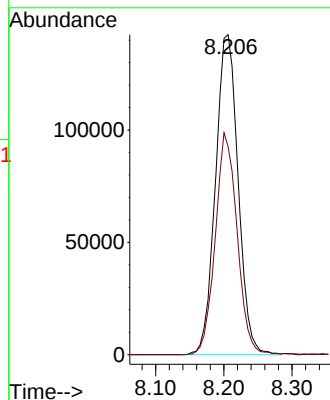
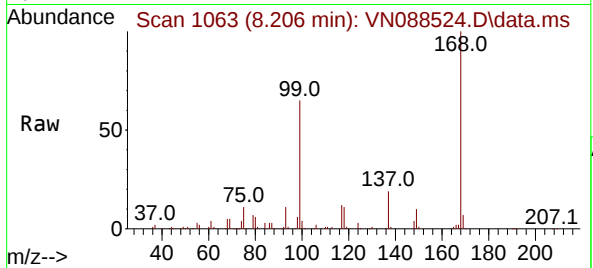




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088524.D
Acq: 16 Dec 2025 13:45

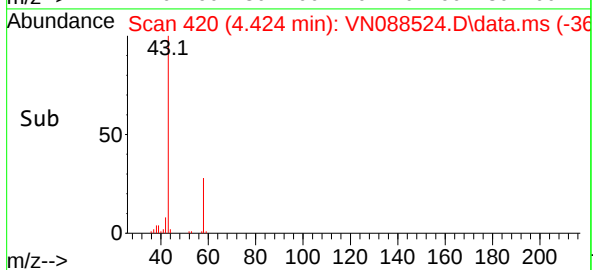
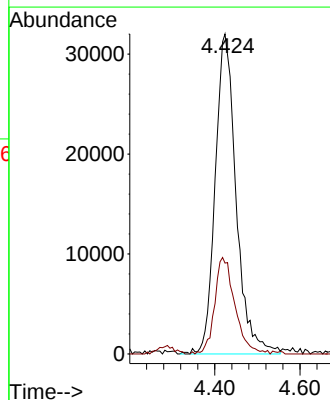
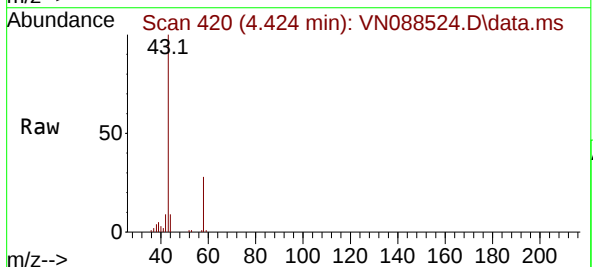
Instrument :
MSVOA_N
ClientSampleId :
TP01-MH11

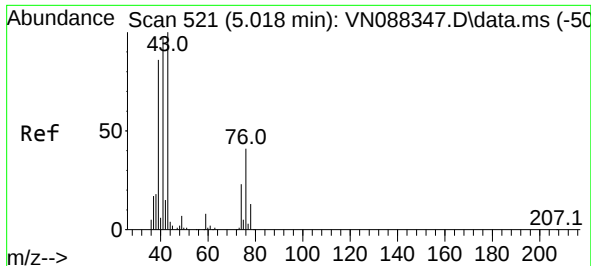
Tgt Ion:168 Resp: 329165
Ion Ratio Lower Upper
168 100
99 65.1 57.1 85.7



#16
Acetone
Concen: 48.723 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088524.D
Acq: 16 Dec 2025 13:45

Tgt Ion: 43 Resp: 109263
Ion Ratio Lower Upper
43 100
58 27.7 21.7 32.5





#18

Methyl Acetate

Concen: 2.210 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN088524.D

Acq: 16 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

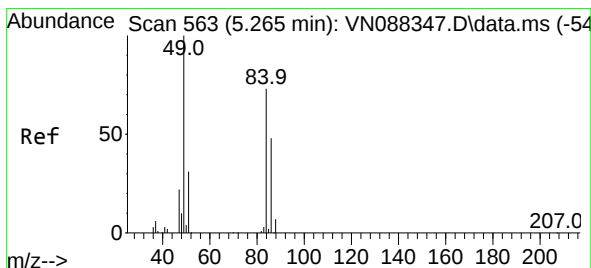
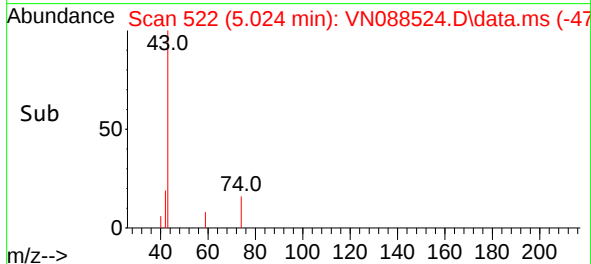
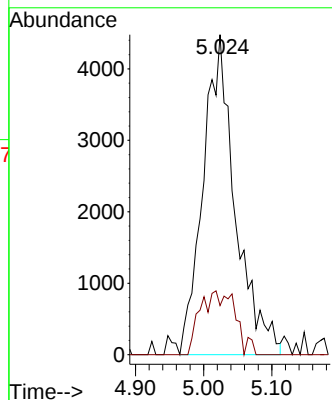
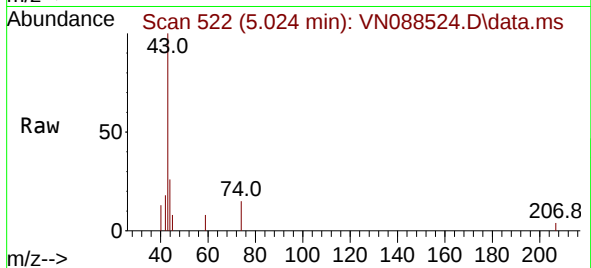
TP01-MH11

Tgt Ion: 43 Resp: 14750

Ion Ratio Lower Upper

43 100

74 12.6 17.9 26.9#



#20

Methylene Chloride

Concen: 6.462 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN088524.D

Acq: 16 Dec 2025 13:45

Tgt Ion: 84 Resp: 31004

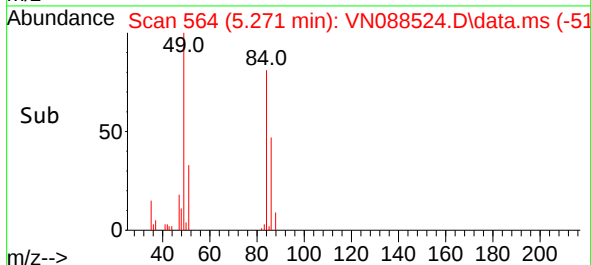
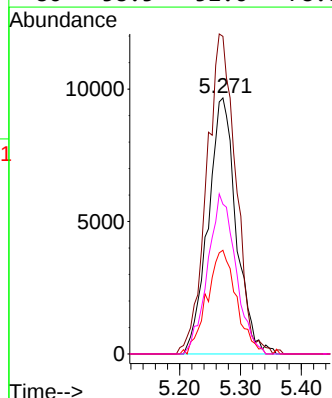
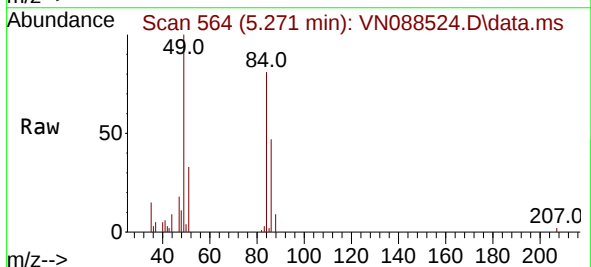
Ion Ratio Lower Upper

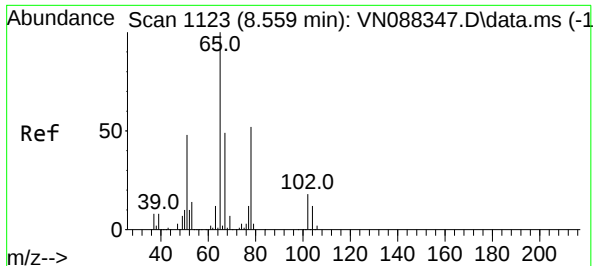
84 100

49 122.4 110.2 165.2

51 40.5 34.1 51.1

86 58.5 52.6 78.8





#33

1,2-Dichloroethane-d4

Concen: 64.689 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088524.D

Acq: 16 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

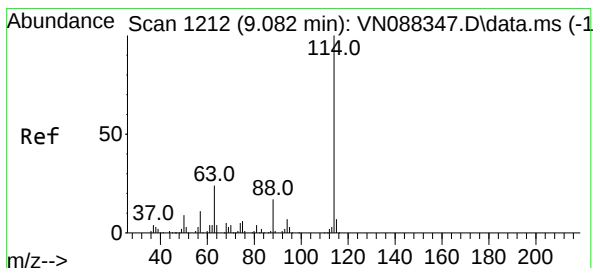
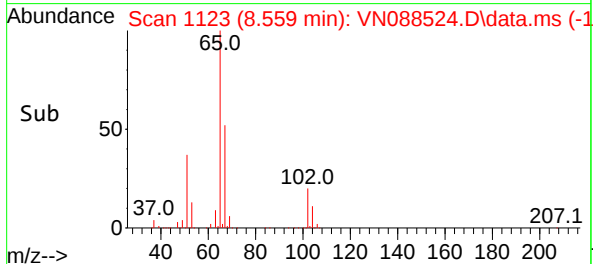
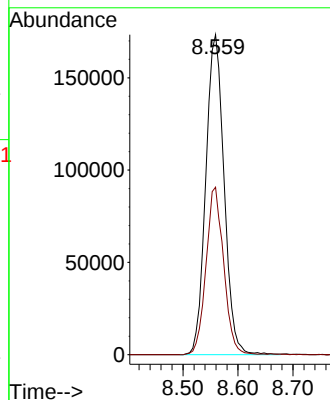
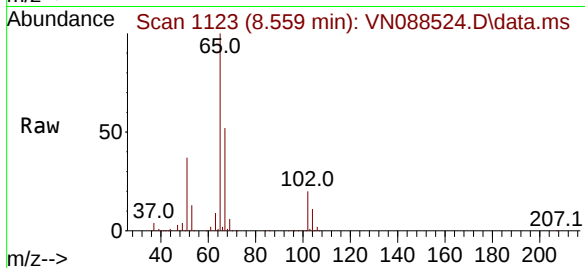
TP01-MH11

Tgt Ion: 65 Resp: 401125

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088524.D

Acq: 16 Dec 2025 13:45

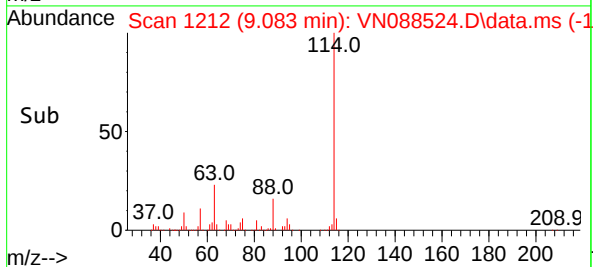
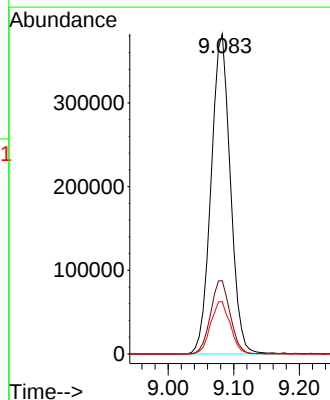
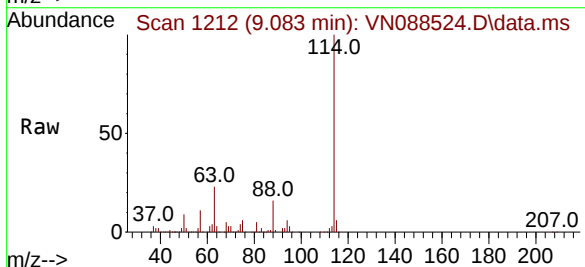
Tgt Ion: 114 Resp: 779512

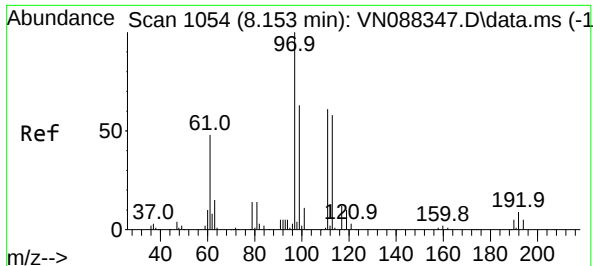
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.0

88 16.3 0.0 34.0



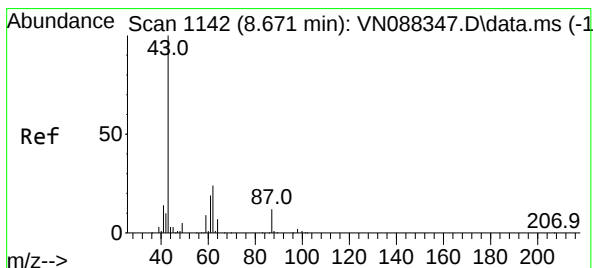
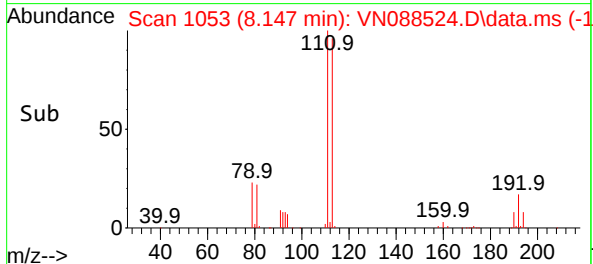
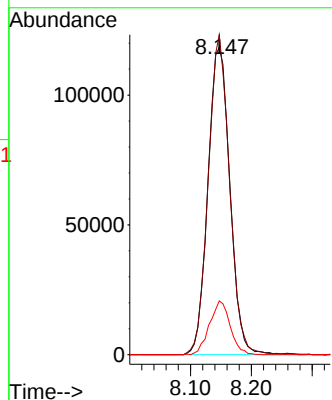
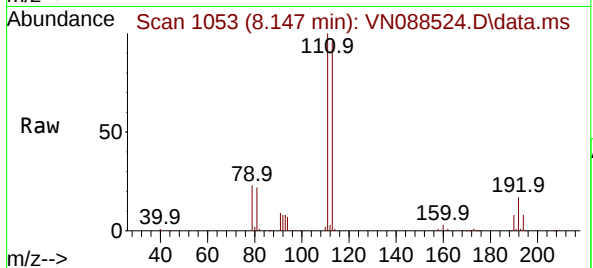


#35
 Dibromofluoromethane
 Concen: 55.147 ug/l
 RT: 8.147 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VN088524.D
 Acq: 16 Dec 2025 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TP01-MH11

Tgt Ion:113 Resp: 297903

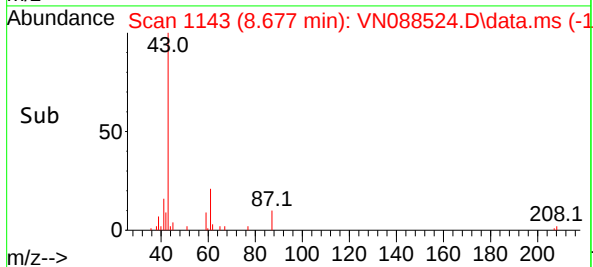
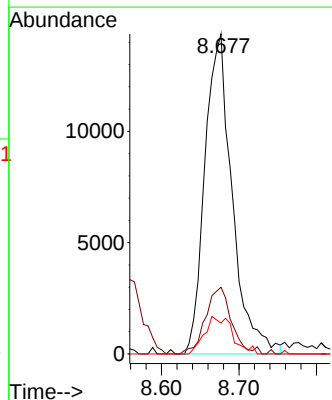
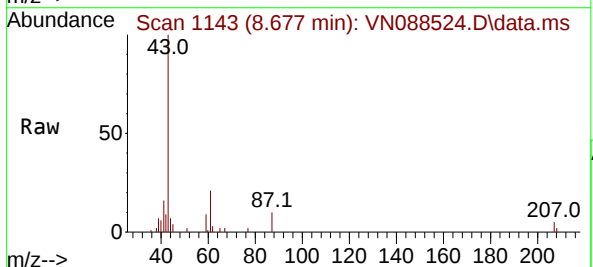
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.5	123.7
192	16.4	12.8	19.2

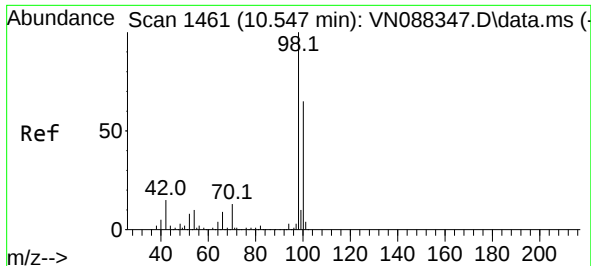


#43
 Isopropyl Acetate
 Concen: 2.105 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VN088524.D
 Acq: 16 Dec 2025 13:45

Tgt Ion: 43 Resp: 35249

Ion	Ratio	Lower	Upper
43	100		
61	19.7	18.7	28.1
87	11.9	9.1	13.7

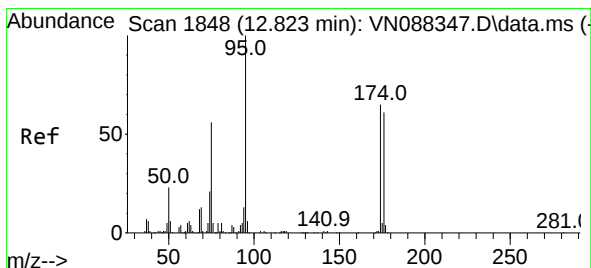
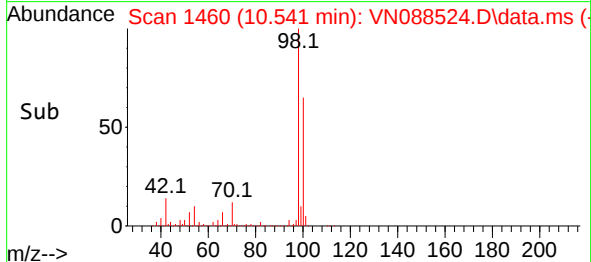
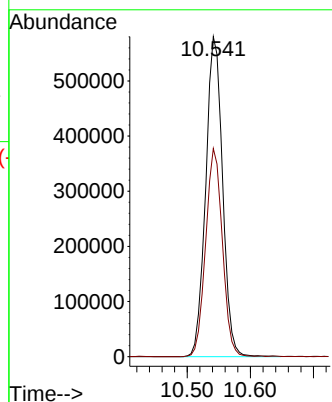
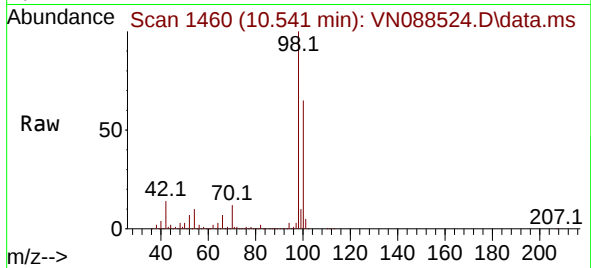




#50
Toluene-d8
Concen: 53.526 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088524.D
Acq: 16 Dec 2025 13:45

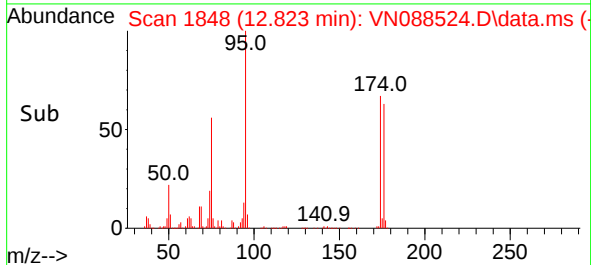
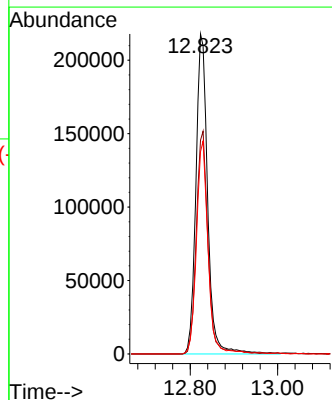
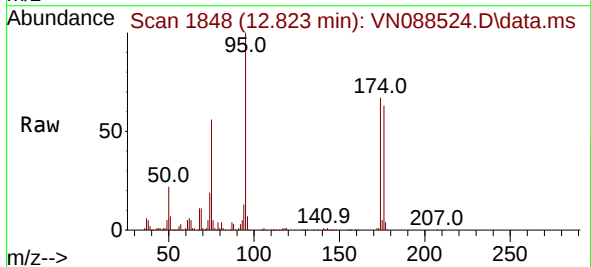
Instrument :
MSVOA_N
ClientSampleId :
TP01-MH11

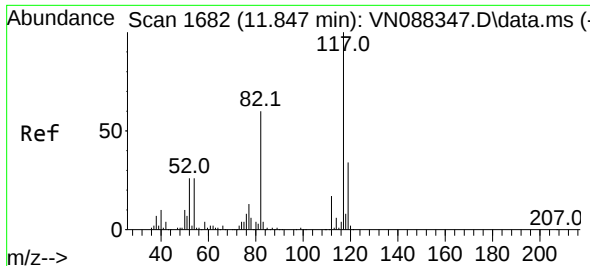
Tgt Ion: 98 Resp: 1075848
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 59.133 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088524.D
Acq: 16 Dec 2025 13:45

Tgt Ion: 95 Resp: 407810
Ion Ratio Lower Upper
95 100
174 69.5 0.0 139.0
176 65.5 0.0 132.4

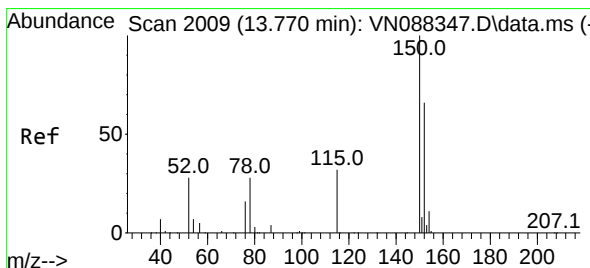
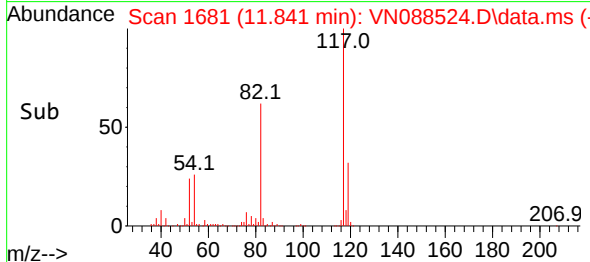
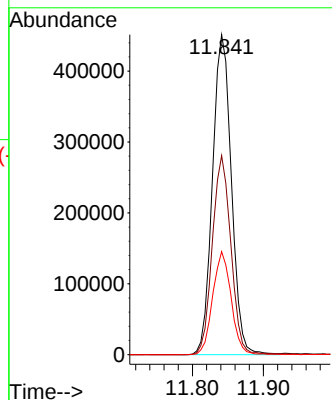
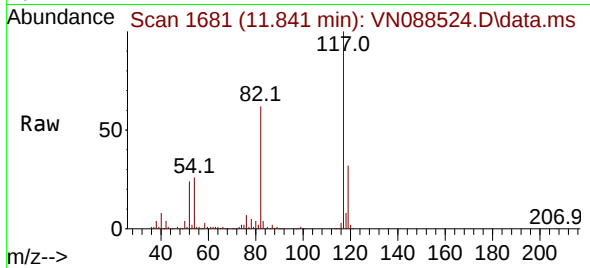




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088524.D
Acq: 16 Dec 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
TP01-MH11

Tgt Ion:117 Resp: 832897
Ion Ratio Lower Upper
117 100
82 62.2 47.8 71.8
119 32.2 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088524.D
Acq: 16 Dec 2025 13:45

Tgt Ion:152 Resp: 373822
Ion Ratio Lower Upper
152 100
115 63.3 33.0 98.9
150 155.7 0.0 349.0

