

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087520.D
 Acq On : 12 Aug 2025 17:19
 Operator : JC\MD
 Sample : Q2816-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)

Quant Time: Aug 13 03:08:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

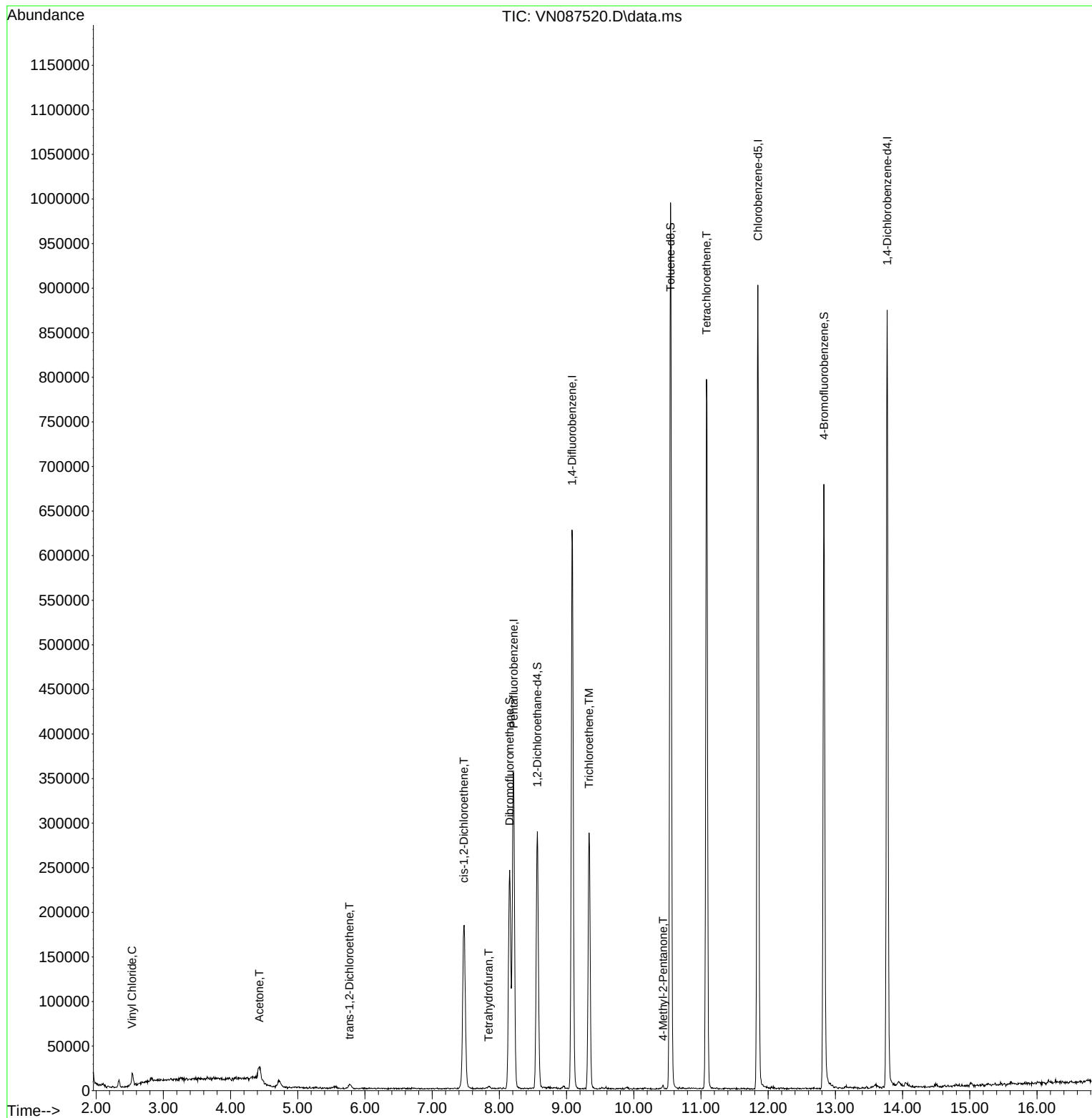
Internal Standards						
1) Pentafluorobenzene	8.212	168	238630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	517594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	473697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	220538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	244400	60.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.720%			
35) Dibromofluoromethane	8.153	113	176216	49.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	10.547	98	653820	51.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.829	95	239200	50.836	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.680%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.536	62	7940	2.507	ug/l	92
16) Acetone	4.430	43	28412	14.966	ug/l #	89
21) trans-1,2-Dichloroethene	5.771	96	3503	1.140	ug/l #	80
27) cis-1,2-Dichloroethene	7.471	96	106477	30.105	ug/l	93
29) Tetrahydrofuran	7.841	42	2171	1.139	ug/l #	72
44) Trichloroethene	9.335	130	95371	26.475	ug/l	87
51) 4-Methyl-2-Pentanone	10.435	43	2672	0.399	ug/l #	85
64) Tetrachloroethene	11.082	164	164586	53.985	ug/l	93

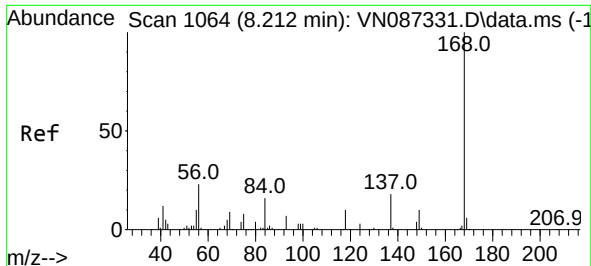
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
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Sample : Q2816-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
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1056-MW-02(23.8)

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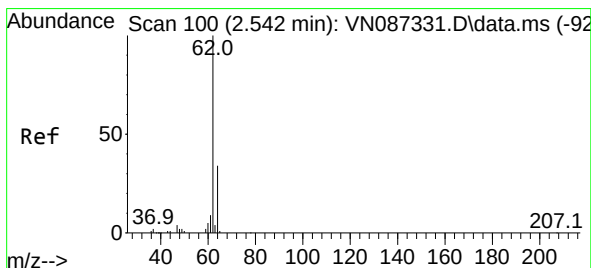
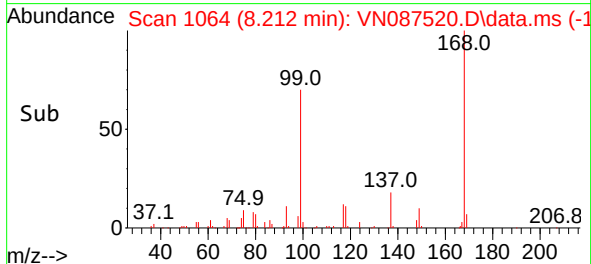
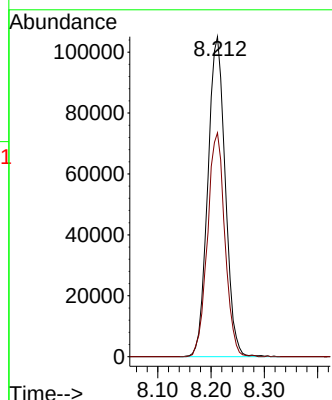
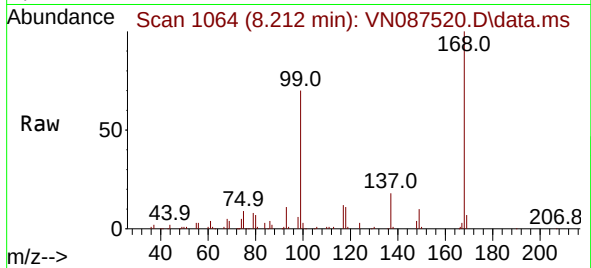




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

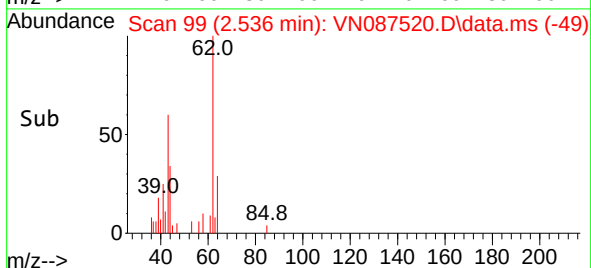
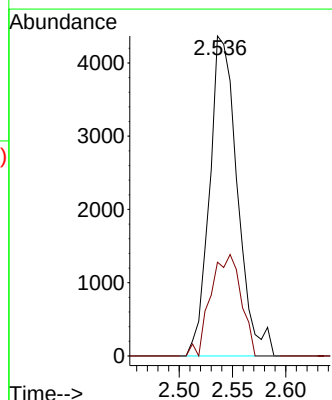
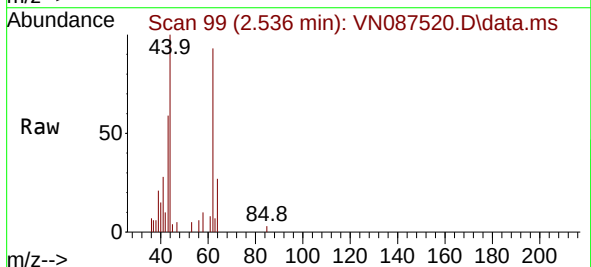
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

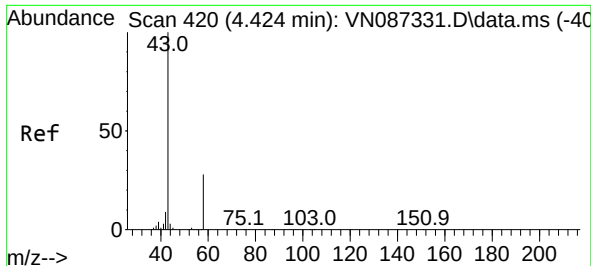
Tgt Ion:168 Resp: 238630
Ion Ratio Lower Upper
168 100
99 70.0 47.9 71.9



#4
Vinyl Chloride
Concen: 2.507 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion: 62 Resp: 7940
Ion Ratio Lower Upper
62 100
64 29.3 27.0 40.6

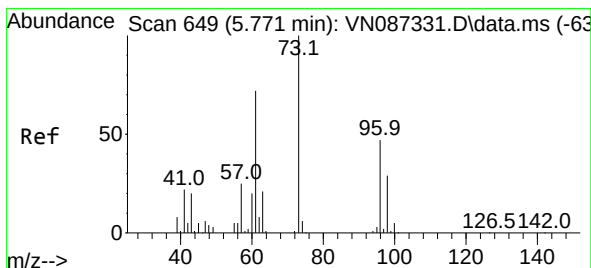
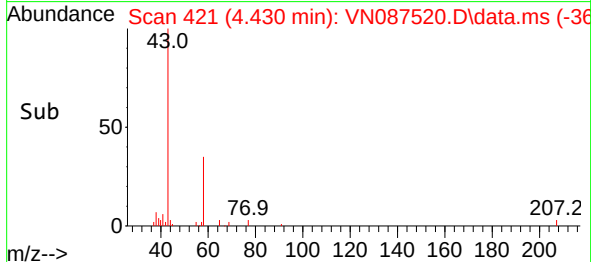
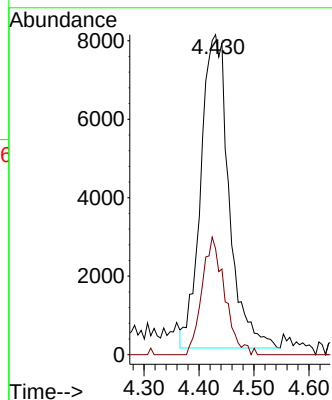
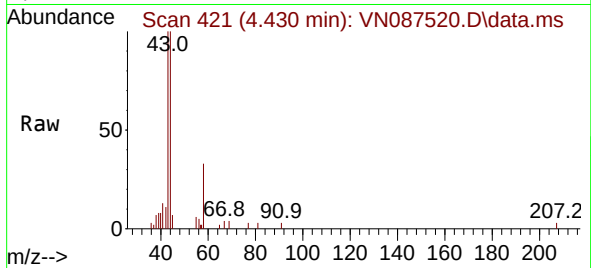




#16
Acetone
Concen: 14.966 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

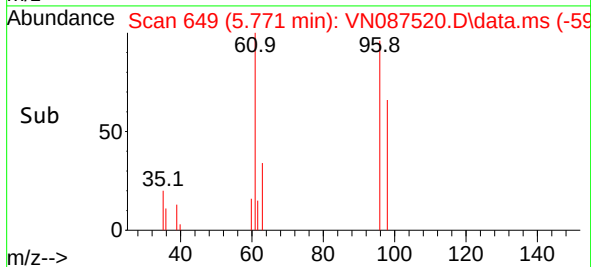
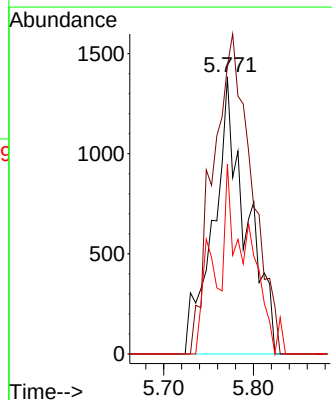
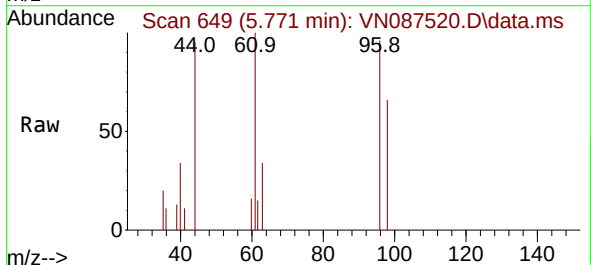
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1056-MW-02(23.8)

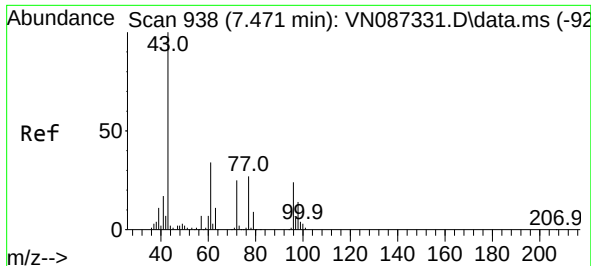
Tgt Ion: 43 Resp: 28412
Ion Ratio Lower Upper
43 100
58 33.8 22.3 33.5#



#21
trans-1,2-Dichloroethene
Concen: 1.140 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion: 96 Resp: 3503
Ion Ratio Lower Upper
96 100
61 119.9 122.0 183.0#
98 68.5 50.0 75.0



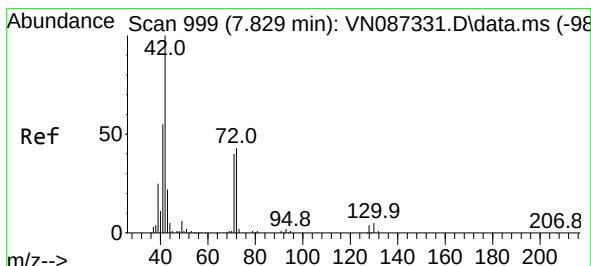
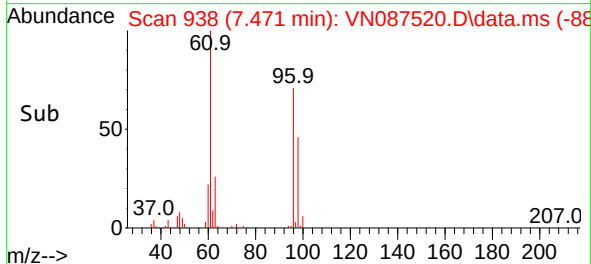
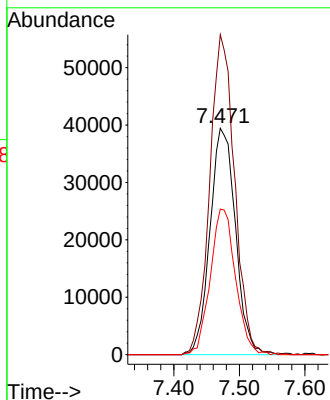
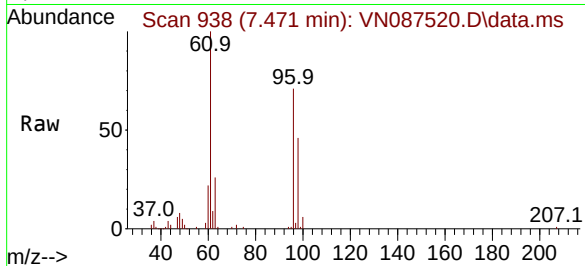


#27
 cis-1,2-Dichloroethene
 Concen: 30.105 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087520.D
 Acq: 12 Aug 2025 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)

Tgt Ion: 96 Resp: 106477

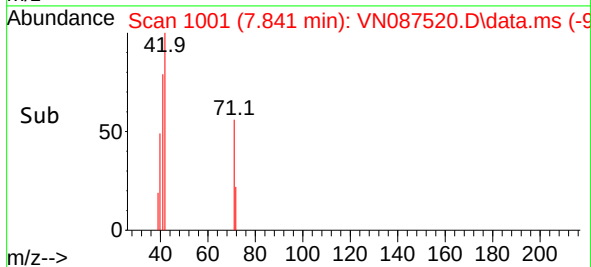
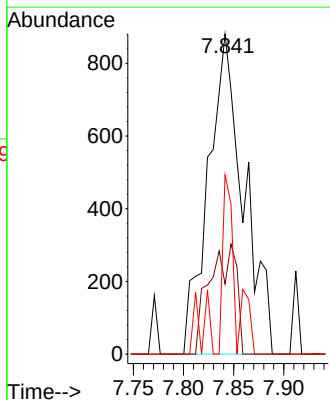
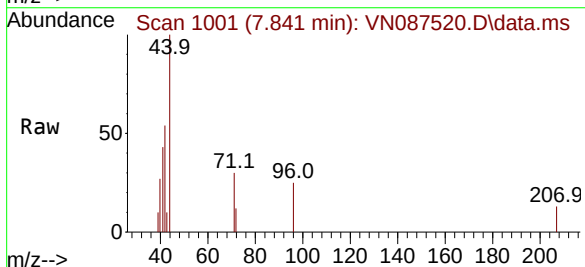
Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	297.8
98	63.7	0.0	132.4

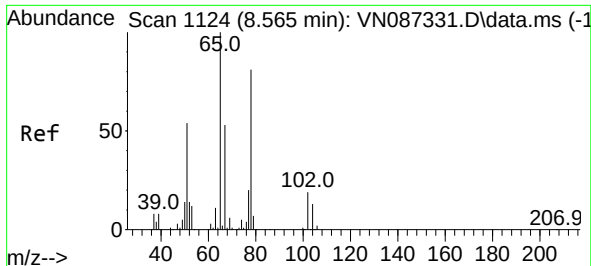


#29
 Tetrahydrofuran
 Concen: 1.139 ug/l
 RT: 7.841 min Scan# 1001
 Delta R.T. 0.012 min
 Lab File: VN087520.D
 Acq: 12 Aug 2025 17:19

Tgt Ion: 42 Resp: 2171

Ion	Ratio	Lower	Upper
42	100		
72	26.1	33.4	50.0#
71	20.0	31.2	46.8#





#33

1,2-Dichloroethane-d4

Concen: 60.360 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087520.D

Acq: 12 Aug 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

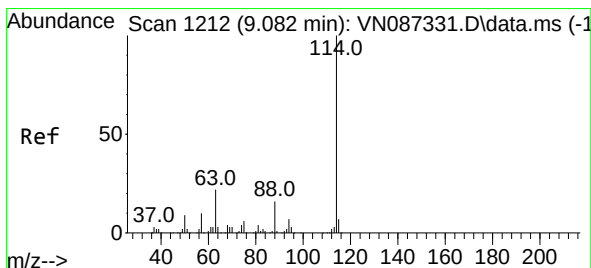
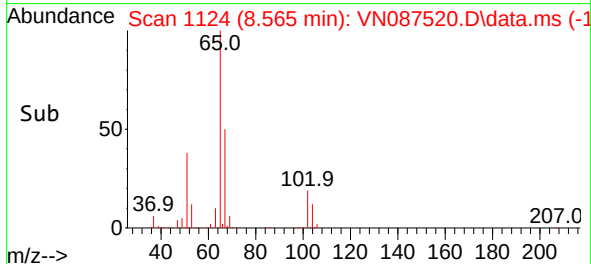
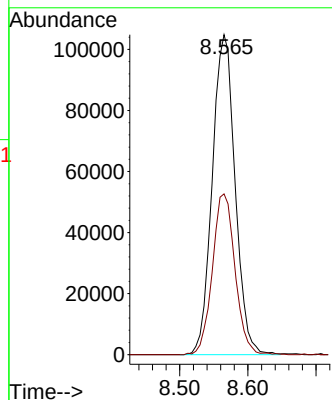
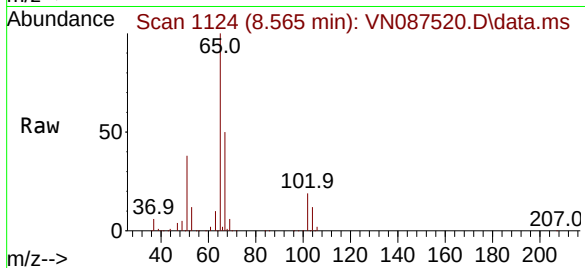
1056-MW-02(23.8)

Tgt Ion: 65 Resp: 244400

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VN087520.D

Acq: 12 Aug 2025 17:19

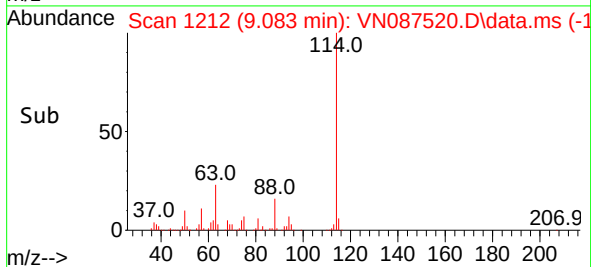
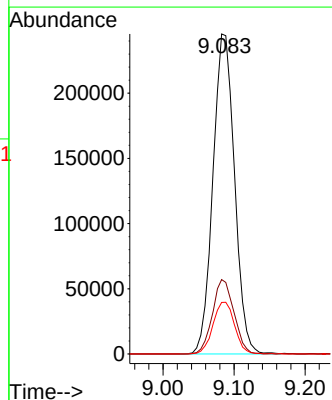
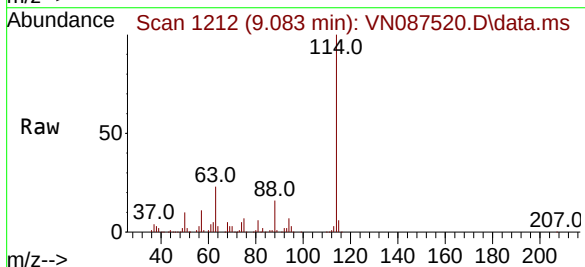
Tgt Ion: 114 Resp: 517594

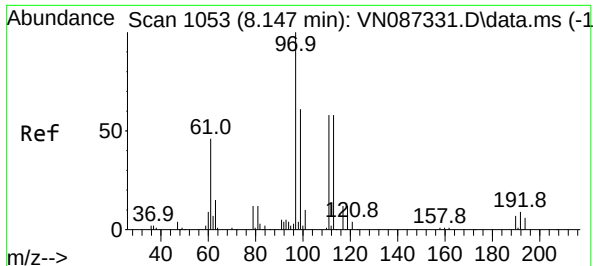
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.355 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087520.D

Acq: 12 Aug 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)

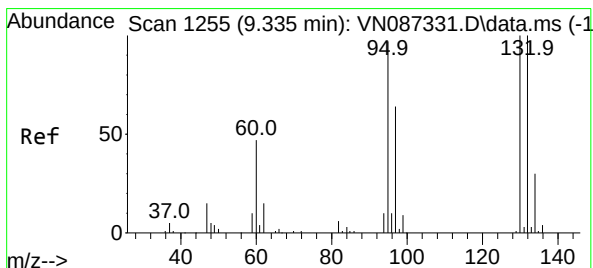
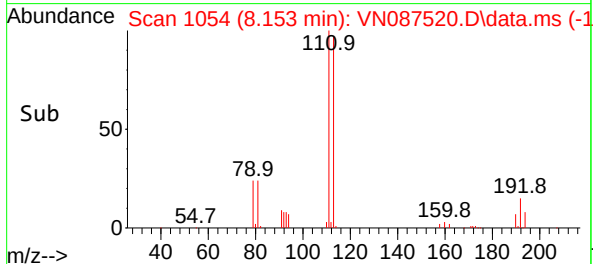
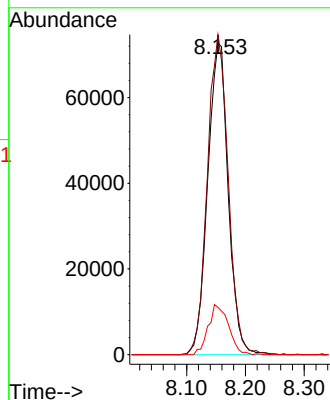
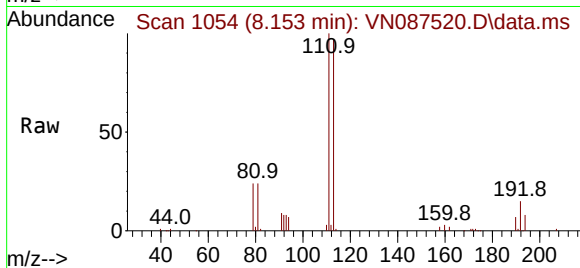
Tgt Ion:113 Resp: 176216

Ion Ratio Lower Upper

113 100

111 104.1 82.5 123.7

192 15.9 13.7 20.5



#44

Trichloroethene

Concen: 26.475 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087520.D

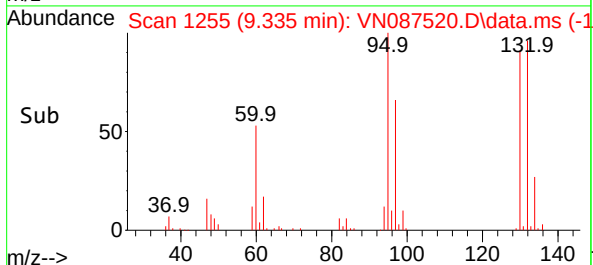
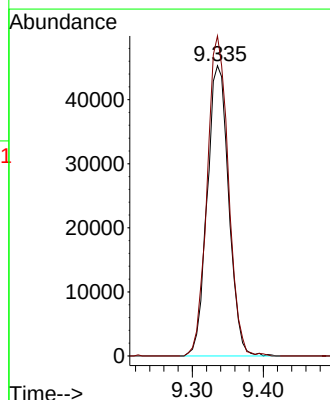
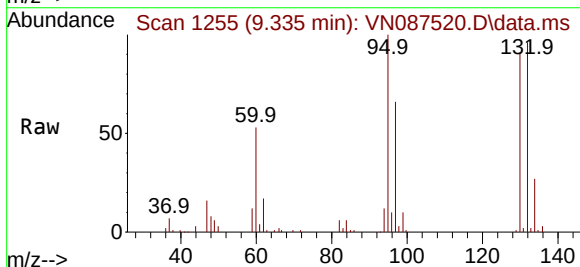
Acq: 12 Aug 2025 17:19

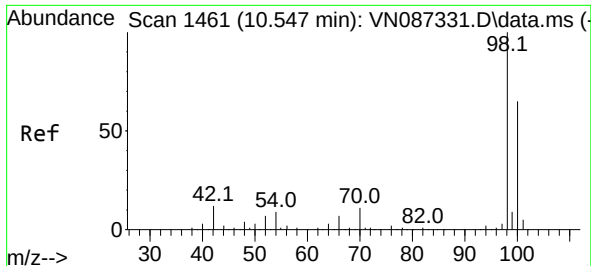
Tgt Ion:130 Resp: 95371

Ion Ratio Lower Upper

130 100

95 110.3 0.0 195.2

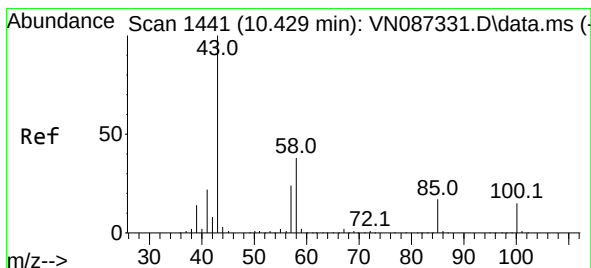
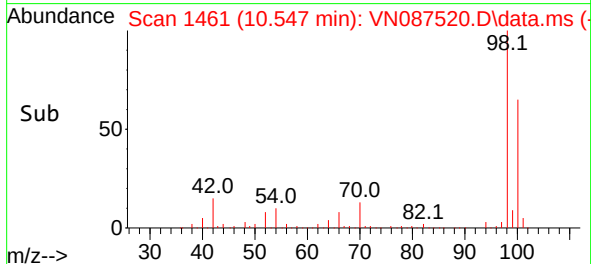
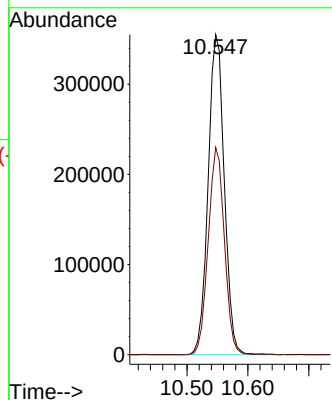
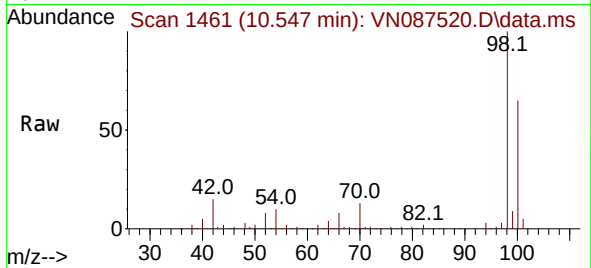




#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

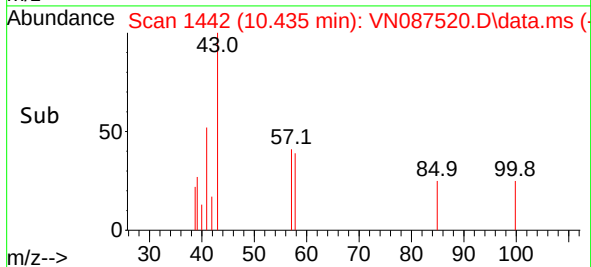
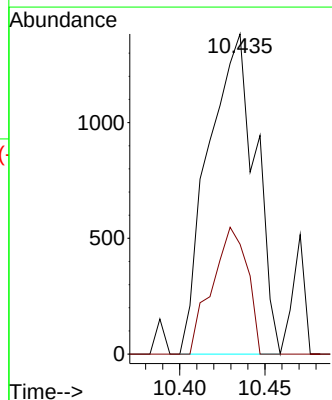
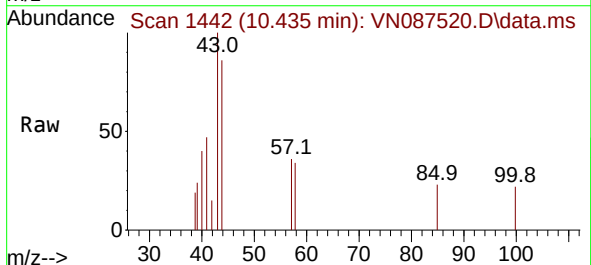
Instrument :
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1056-MW-02(23.8)

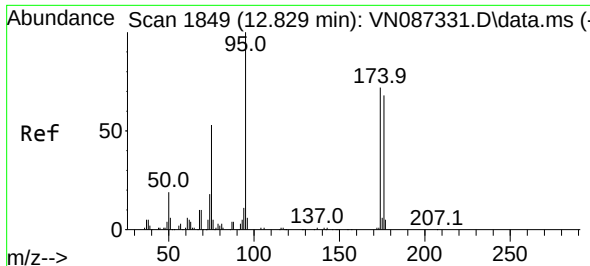
Tgt Ion: 98 Resp: 653820
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
58 29.6 30.8 46.2#

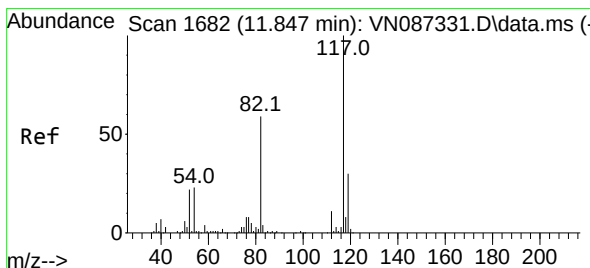
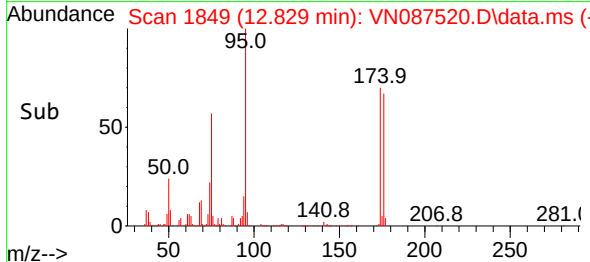
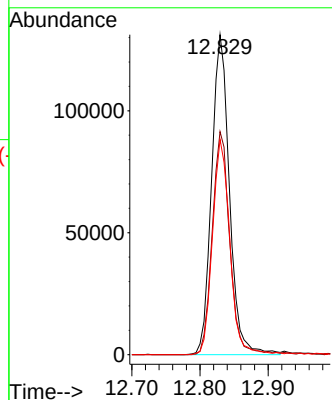
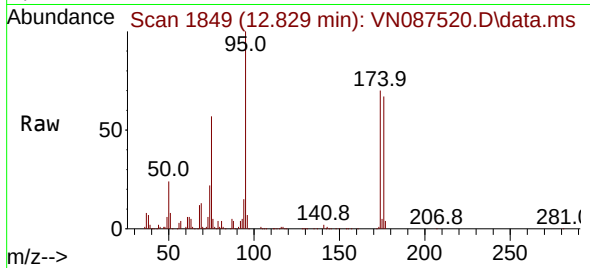




#62
4-Bromofluorobenzene
Concen: 50.836 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

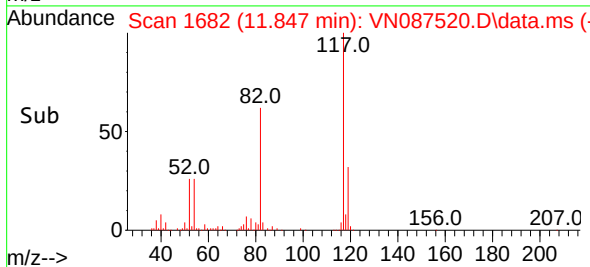
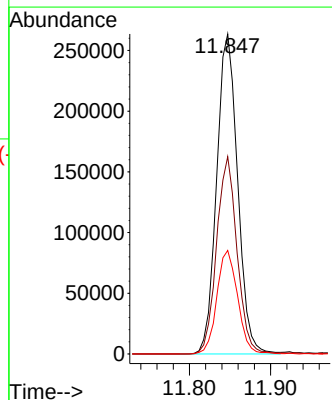
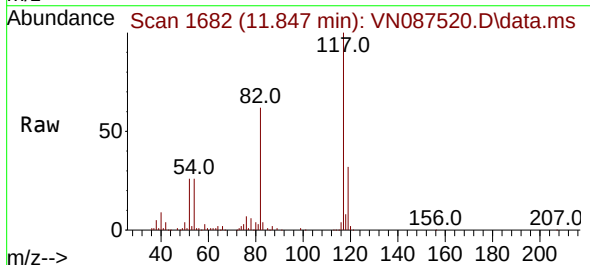
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

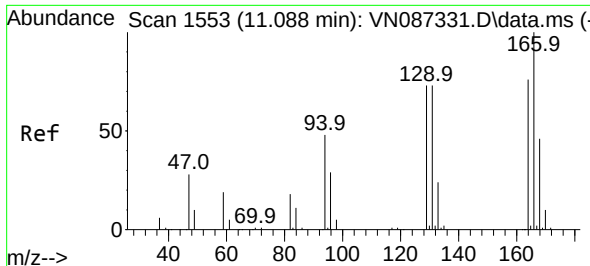
Tgt Ion: 95 Resp: 239200
Ion Ratio Lower Upper
95 100
174 68.7 0.0 149.4
176 65.2 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion: 117 Resp: 473697
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.4 23.8 35.8

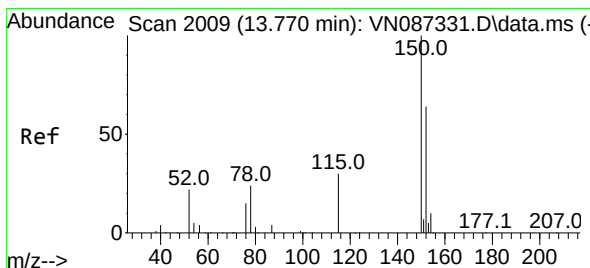
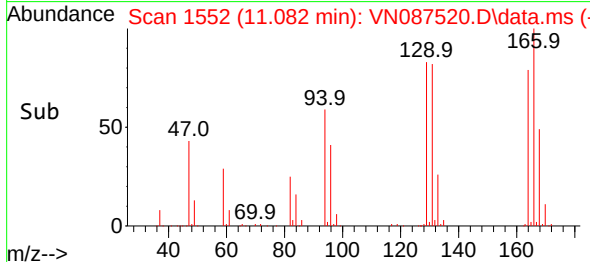
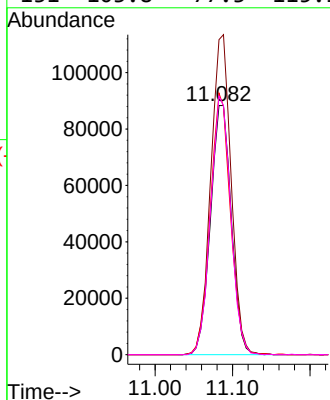
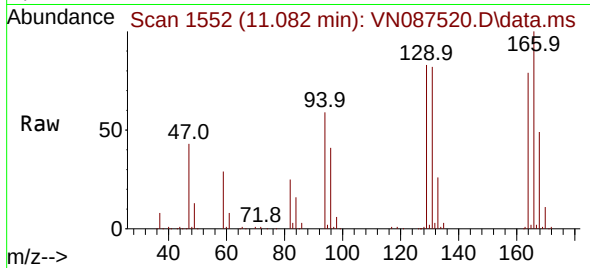




#64
Tetrachloroethene
Concen: 53.985 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt	Ion:164	Resp:	164586
Ion	Ratio	Lower	Upper
164	100		
166	126.4	105.5	158.3
129	104.9	77.4	116.2
131	103.8	77.3	115.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion:152	Resp: 220538		
Ion Ratio	Lower	Upper	
152	100		
115	64.8	31.1	93.5
150	158.8	0.0	349.0

