

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087518.D
 Acq On : 12 Aug 2025 16:35
 Operator : JC\MD
 Sample : Q2825-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW1

Quant Time: Aug 13 03:07:18 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	234910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	516225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	475251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	227450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	251907	63.199	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	126.400%#	
35) Dibromofluoromethane	8.153	113	180108	50.579	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.160%	
50) Toluene-d8	10.547	98	665301	52.377	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	104.760%	
62) 4-Bromofluorobenzene	12.829	95	243865	51.965	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	103.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.389	50	2299	0.733	ug/l #	82
11) Tert butyl alcohol	5.524	59	163	0.215	ug/l #	72
13) Acrolein	4.154	56	480	0.790	ug/l #	31
16) Acetone	4.430	43	8339	4.462	ug/l #	82
17) Carbon Disulfide	4.689	76	2169	0.273	ug/l #	71
18) Methyl Acetate	5.012	43	1248	0.266	ug/l #	54
20) Methylene Chloride	5.265	84	483	Below Cal	#	23
25) 2-Butanone	7.459	43	632	0.219	ug/l #	51
31) Cyclohexane	8.242	56	43683	8.915	ug/l #	96
36) 1,1-Dichloropropene	8.212	75	25020	5.318	ug/l #	48
38) Carbon Tetrachloride	8.212	117	29467	5.686	ug/l #	12
39) Methylcyclohexane	9.583	83	114829	22.545	ug/l	97
43) Isopropyl Acetate	8.677	43	4220	0.400	ug/l #	56
45) 1,2-Dichloropropane	9.588	63	1695	0.439	ug/l #	1
48) Methyl methacrylate	9.583	41	66645	14.035	ug/l #	71
52) Toluene	10.606	92	3002	0.325	ug/l	87
55) 1,1,2-Trichloroethane	10.983	97	13062	3.491	ug/l #	20
56) Ethyl methacrylate	10.841	69	1523	0.882	ug/l #	33
59) 2-Hexanone	11.159	43	4455	1.007	ug/l #	31
60) Dibromochloromethane	11.077	129	1461	0.342	ug/l #	10
64) Tetrachloroethene	11.077	164	1473	0.482	ug/l	91
67) Ethyl Benzene	11.947	91	22966	1.307	ug/l	96
68) m/p-Xylenes	12.047	106	4870	0.740	ug/l	90
73) Isopropylbenzene	12.677	105	43832	3.062	ug/l	96
74) N-amyl acetate	12.518	43	2162	0.364	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.906	83	1249	0.232	ug/l #	50
76) 1,2,3-Trichloropropane	12.829	75	142235	27.887	ug/l #	1
78) n-propylbenzene	13.018	91	88844	4.933	ug/l	99
79) 2-Chlorotoluene	13.118	91	5628	0.508	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.153	105	21769	1.785	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.829	75	142235	76.304	ug/l #	8
82) 4-Chlorotoluene	13.147	91	3927	0.341	ug/l #	42
83) tert-Butylbenzene	13.412	119	11684	1.147	ug/l	92
84) 1,2,4-Trimethylbenzene	13.459	105	277175	22.253	ug/l	98
85) sec-Butylbenzene	13.594	105	54115	3.527	ug/l #	67
86) p-Isopropyltoluene	13.706	119	31363	2.550	ug/l	95

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Quant Time: Aug 13 03:07:18 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

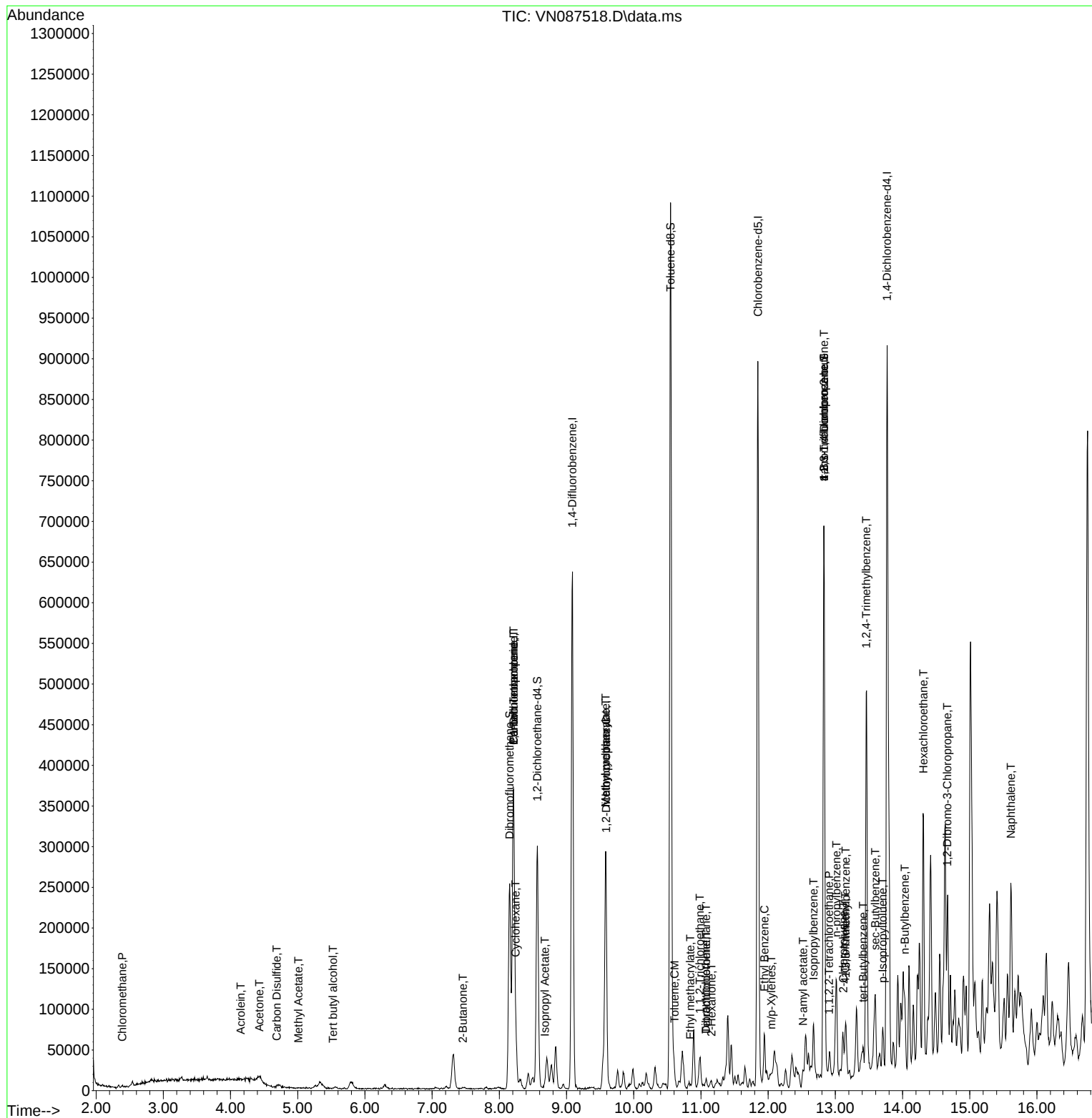
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.035	91	56274	4.793	ug/l #	77
90) Hexachloroethane	14.312	117	14337	5.503	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.665	75	1530	1.082	ug/l #	7
95) Naphthalene	15.612	128	192814	13.423	ug/l	99

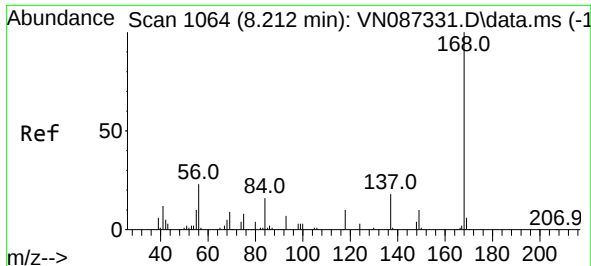
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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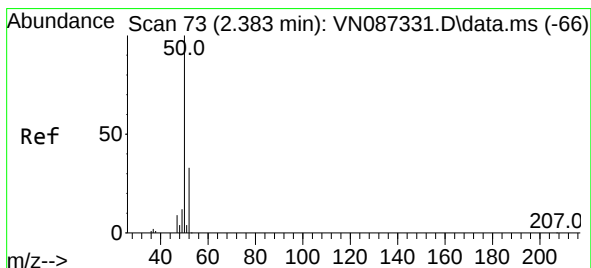
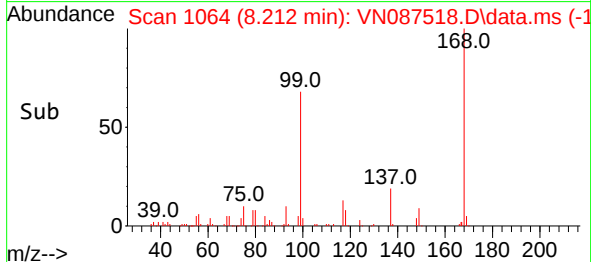
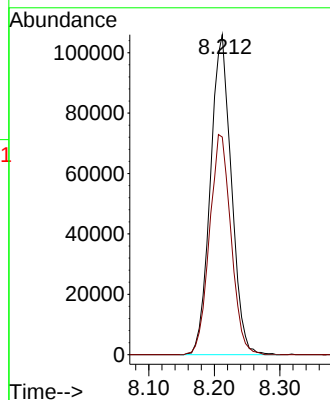
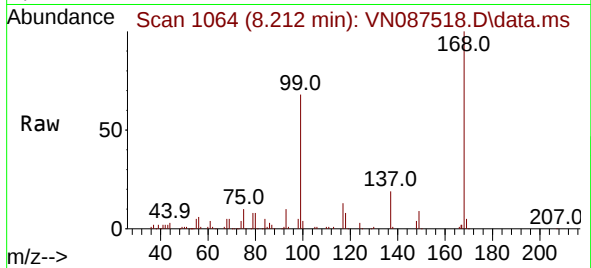




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

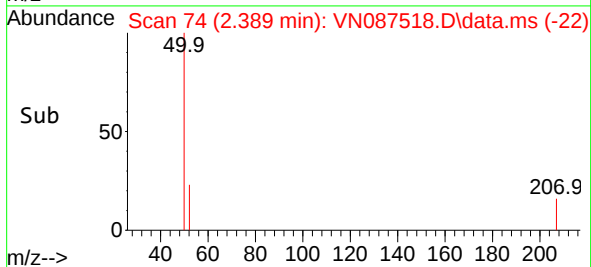
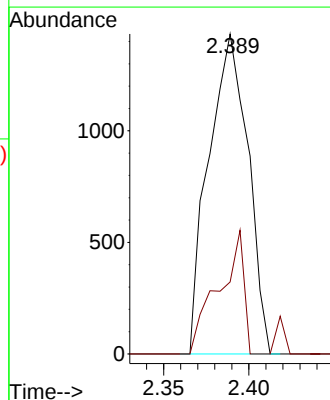
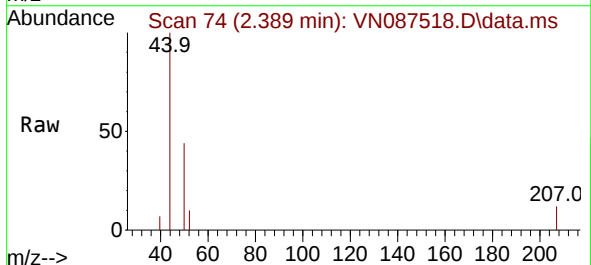
Instrument :
MSVOA_N
ClientSampleId :
TW1

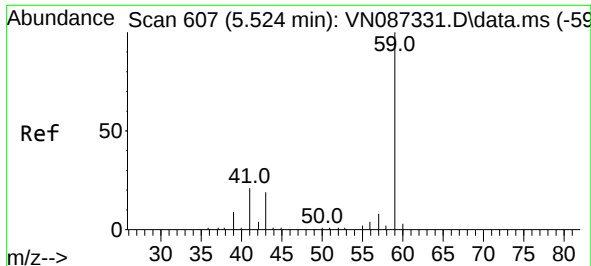
Tgt Ion:168 Resp: 234910
Ion Ratio Lower Upper
168 100
99 68.0 47.9 71.9



#3
Chloromethane
Concen: 0.733 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 50 Resp: 2299
Ion Ratio Lower Upper
50 100
52 22.5 26.3 39.5#

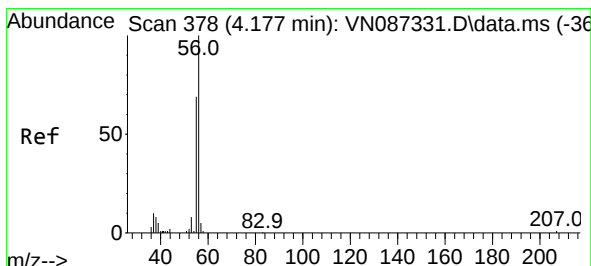
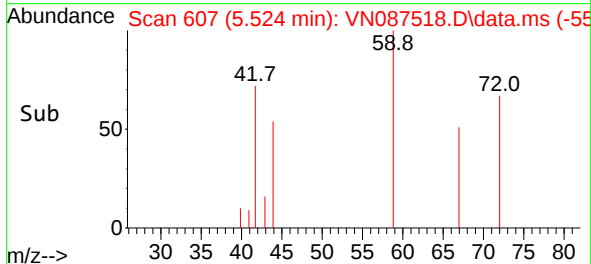
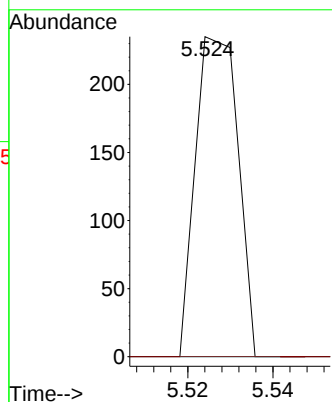
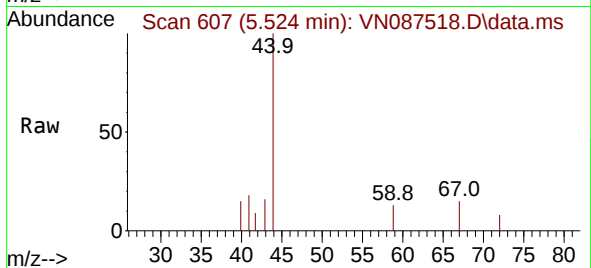




#11
Tert butyl alcohol
Concen: 0.215 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

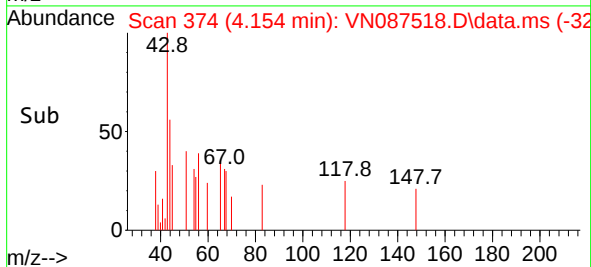
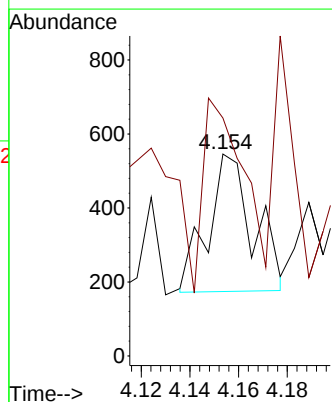
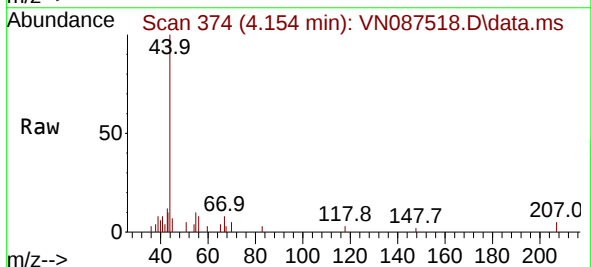
Instrument :
MSVOA_N
ClientSampleId :
TW1

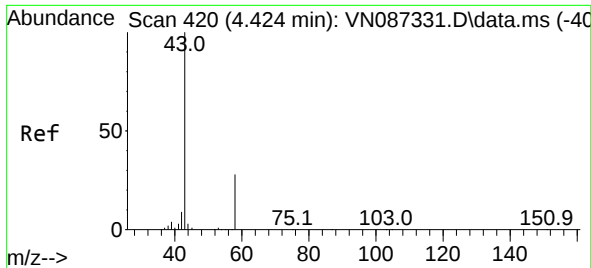
Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.790 ug/l
RT: 4.154 min Scan# 374
Delta R.T. -0.023 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 56 Resp: 480
Ion Ratio Lower Upper
56 100
55 127.3 56.2 84.4#





#16

Acetone

Concen: 4.462 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087518.D

Acq: 12 Aug 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

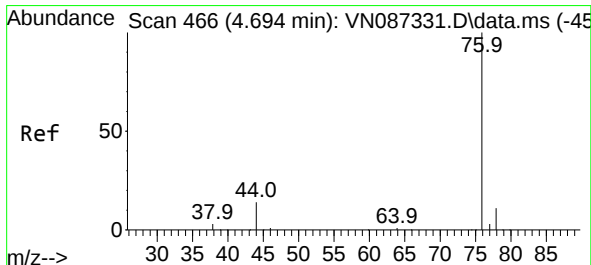
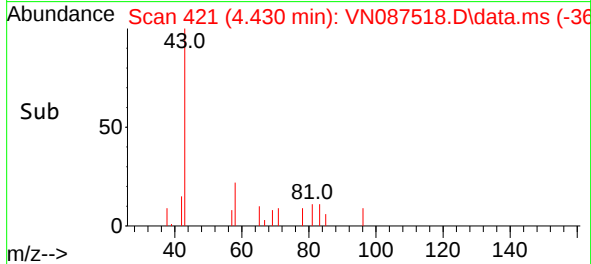
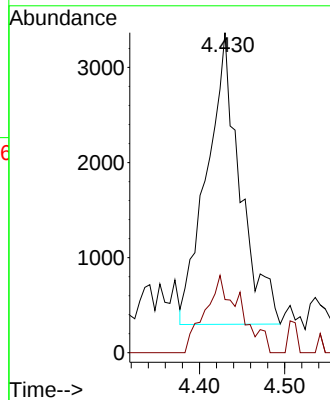
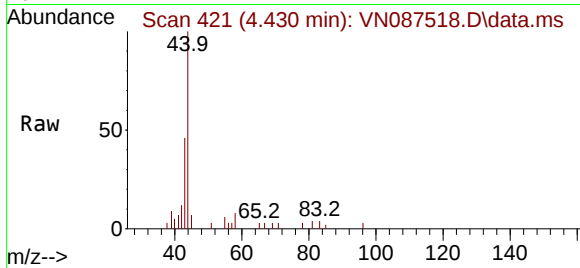
TW1

Tgt Ion: 43 Resp: 8339

Ion Ratio Lower Upper

43 100

58 18.2 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.273 ug/l

RT: 4.689 min Scan# 465

Delta R.T. -0.005 min

Lab File: VN087518.D

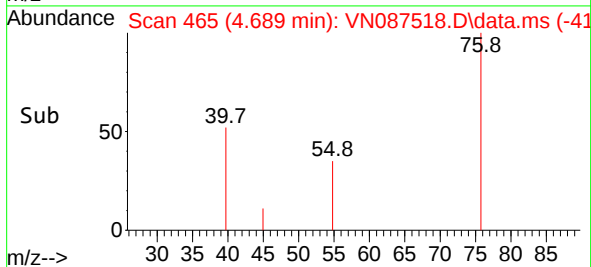
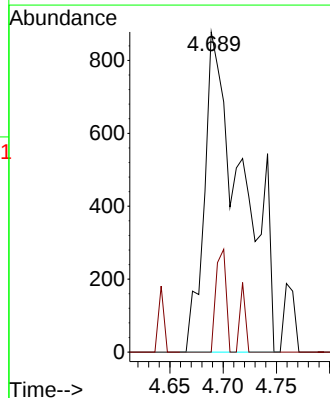
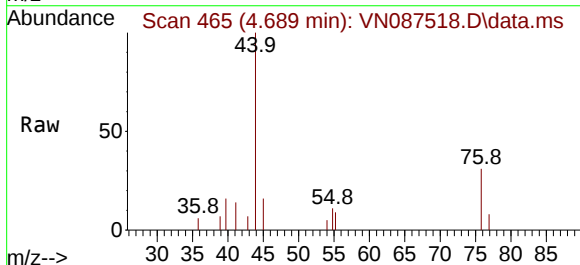
Acq: 12 Aug 2025 16:35

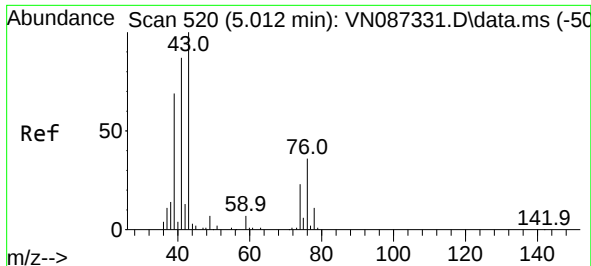
Tgt Ion: 76 Resp: 2169

Ion Ratio Lower Upper

76 100

78 0.0 8.6 13.0#





#18

Methyl Acetate

Concen: 0.266 ug/l

RT: 5.012 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN087518.D

Acq: 12 Aug 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

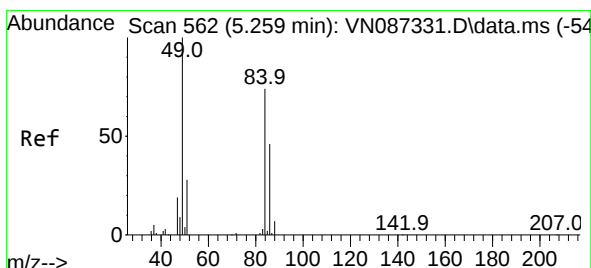
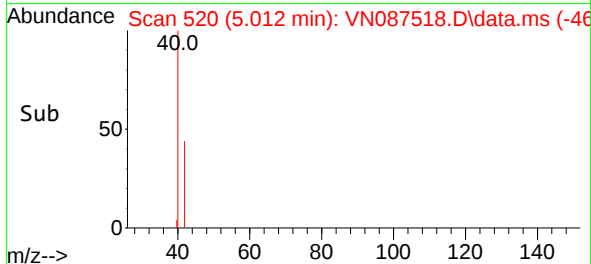
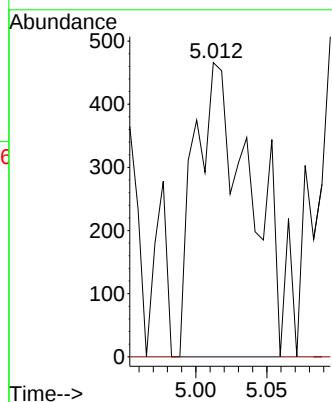
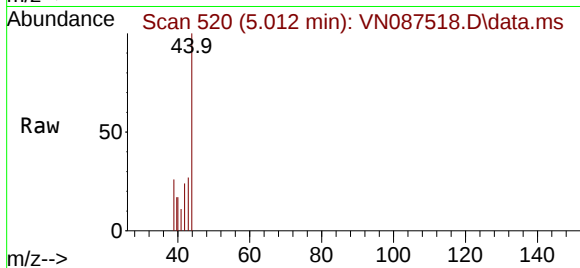
TW1

Tgt Ion: 43 Resp: 1248

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.265 min Scan# 563

Delta R.T. 0.006 min

Lab File: VN087518.D

Acq: 12 Aug 2025 16:35

Tgt Ion: 84 Resp: 483

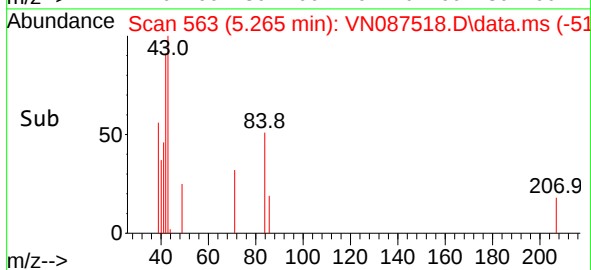
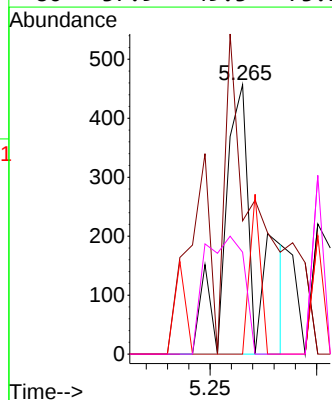
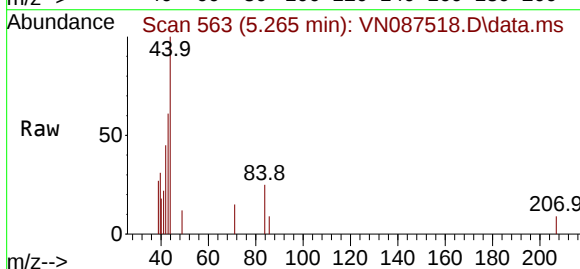
Ion Ratio Lower Upper

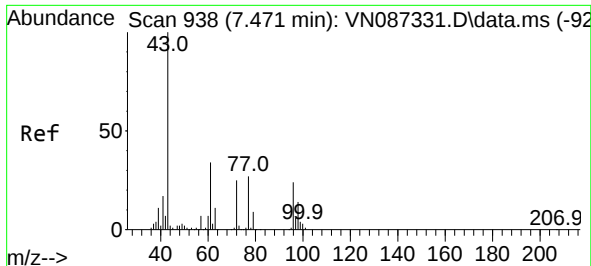
84 100

49 13.6 107.5 161.3#

51 0.0 30.2 45.2#

86 37.9 49.3 73.9#

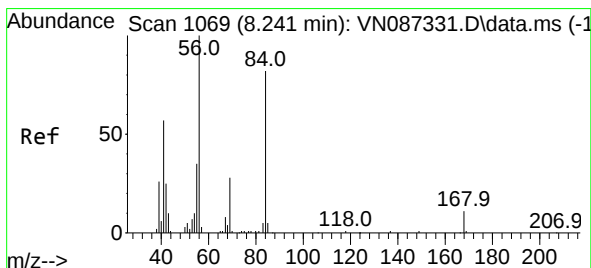
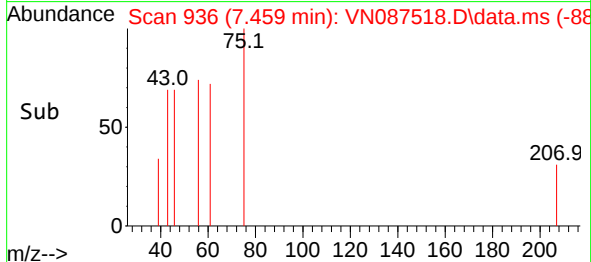
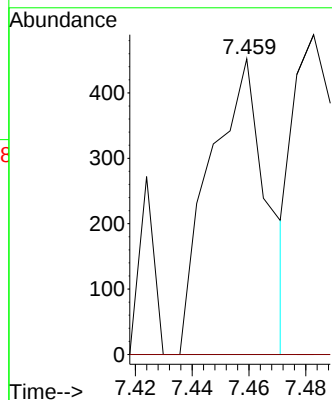
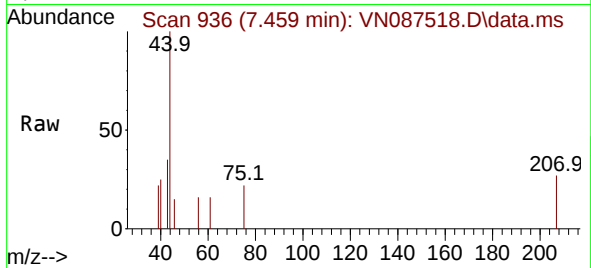




#25
2-Butanone
Concen: 0.219 ug/l
RT: 7.459 min Scan# 91
Delta R.T. -0.011 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

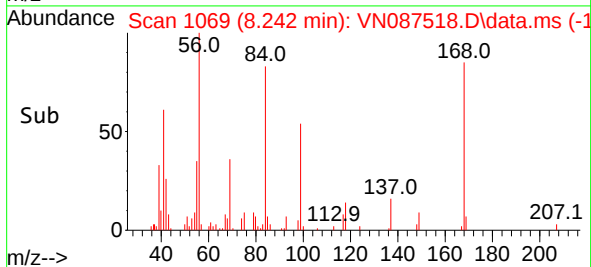
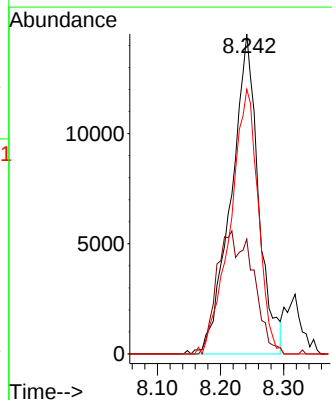
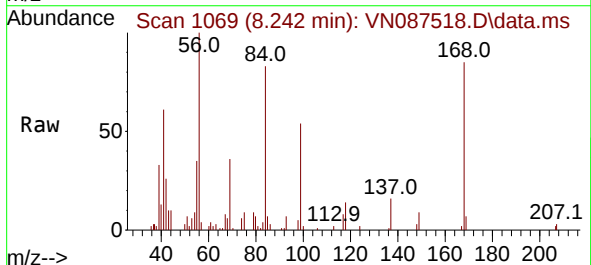
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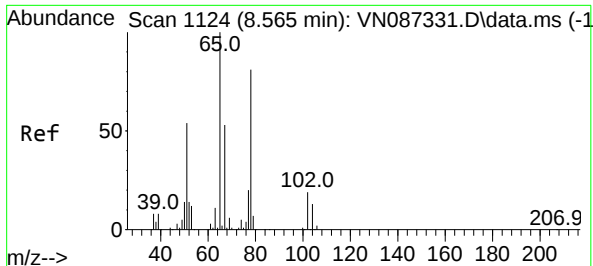
Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#



#31
Cyclohexane
Concen: 8.915 ug/l
RT: 8.242 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 56 Resp: 43683
Ion Ratio Lower Upper
56 100
69 35.9 22.7 34.1#
84 82.7 65.8 98.6





#33

1,2-Dichloroethane-d4

Concen: 63.199 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087518.D

Acq: 12 Aug 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

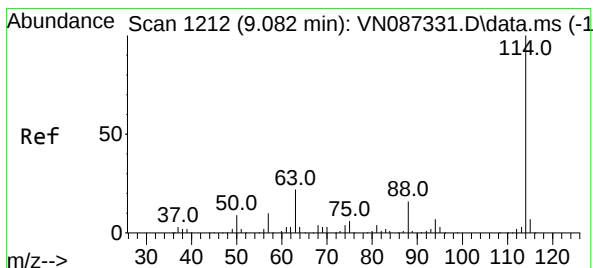
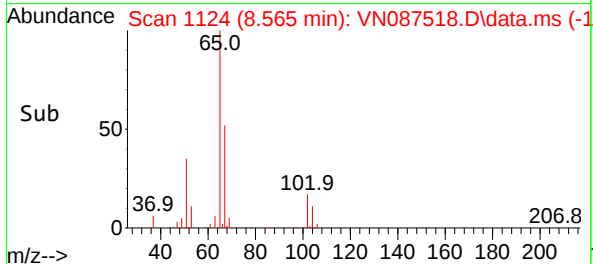
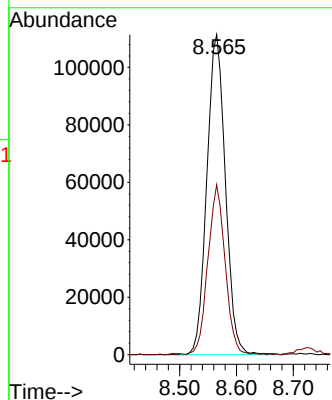
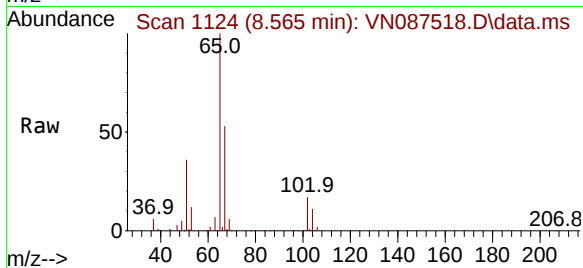
TW1

Tgt Ion: 65 Resp: 251907

Ion Ratio Lower Upper

65 100

67 49.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087518.D

Acq: 12 Aug 2025 16:35

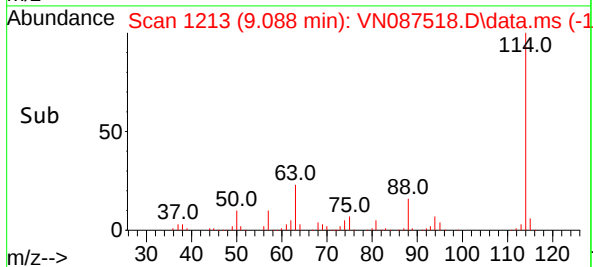
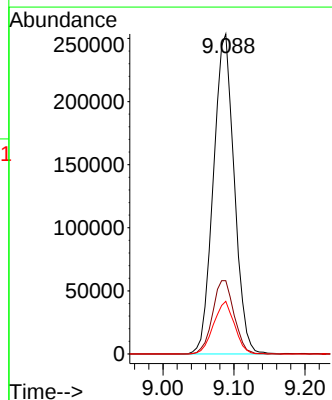
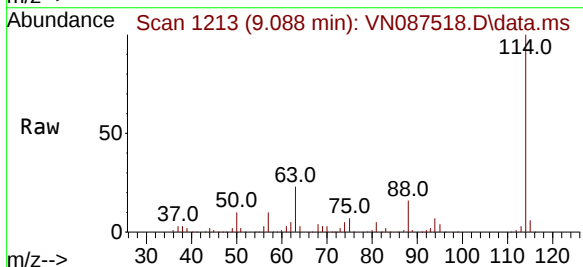
Tgt Ion: 114 Resp: 516225

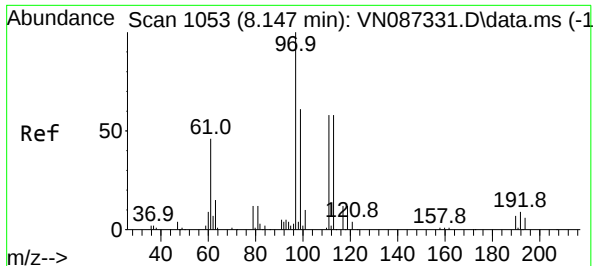
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 16.4 0.0 32.8

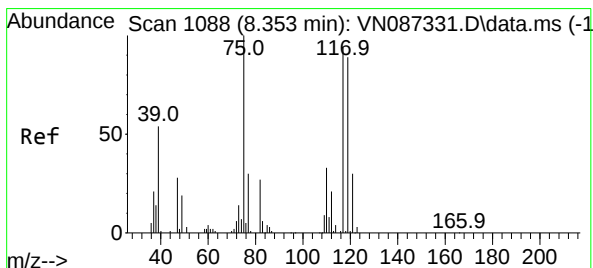
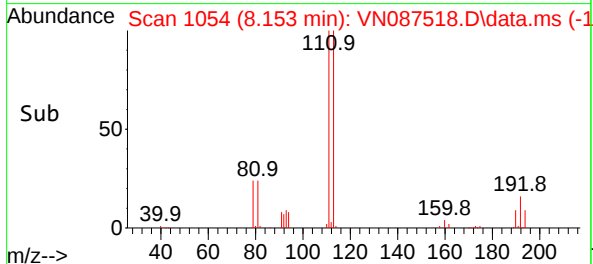
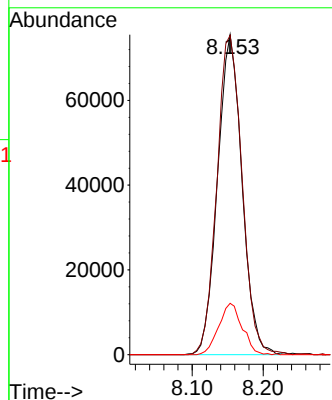
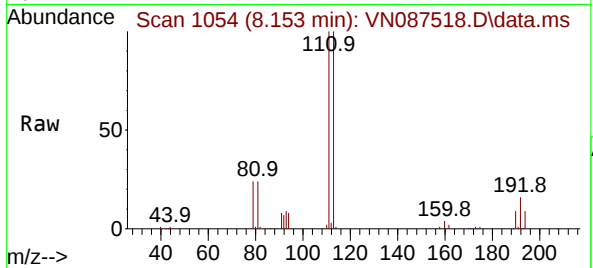




#35
Dibromofluoromethane
Concen: 50.579 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

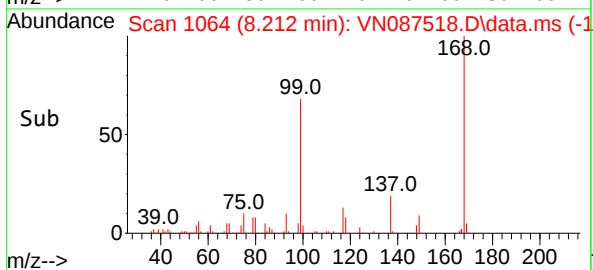
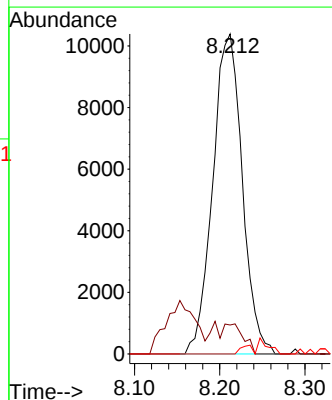
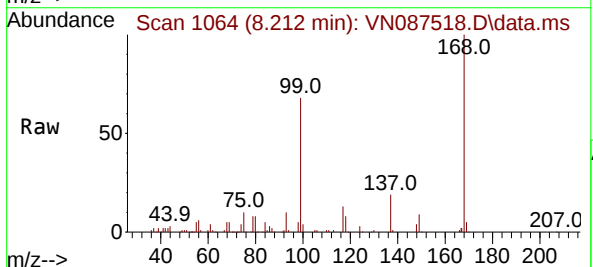
Instrument :
MSVOA_N
ClientSampleId :
TW1

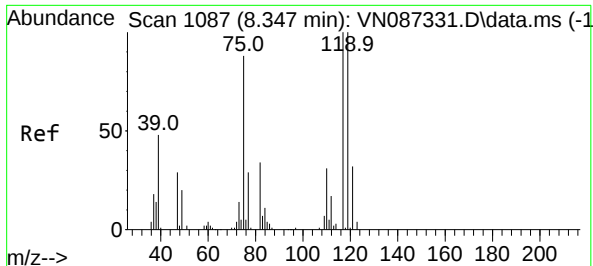
Tgt Ion:113 Resp: 180108
Ion Ratio Lower Upper
113 100
111 102.8 82.5 123.7
192 15.5 13.7 20.5



#36
1,1-Dichloropropene
Concen: 5.318 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.141 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 75 Resp: 25020
Ion Ratio Lower Upper
75 100
110 6.3 16.7 50.1#
77 0.0 25.2 37.8#

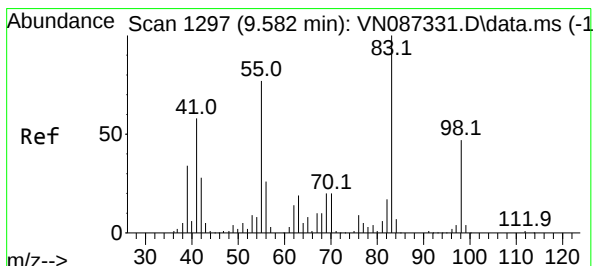
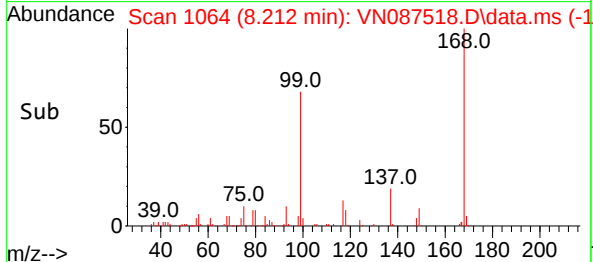
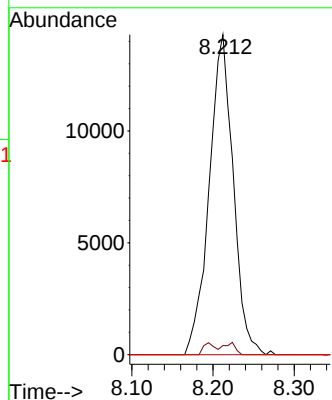
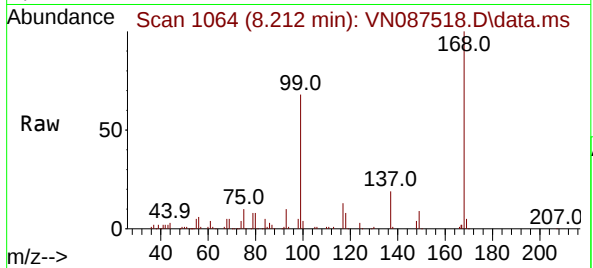




#38
Carbon Tetrachloride
Concen: 5.686 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.135 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

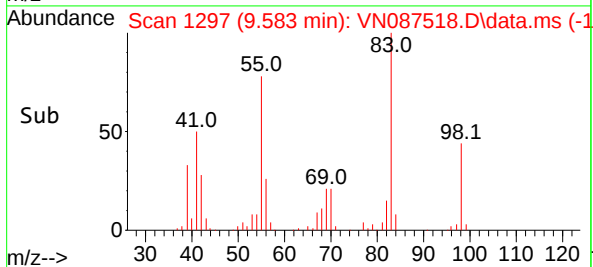
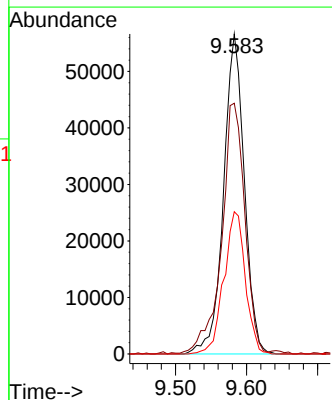
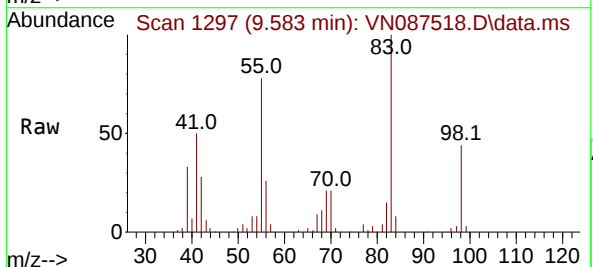
Instrument :
MSVOA_N
ClientSampleId :
TW1

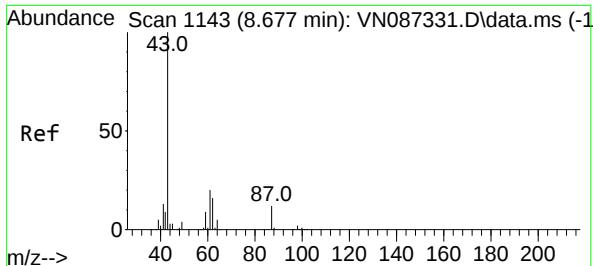
Tgt Ion: 117 Resp: 29467
Ion Ratio Lower Upper
117 100
119 2.9 80.2 120.2#
121 0.0 25.4 38.2#



#39
Methylcyclohexane
Concen: 22.545 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 83 Resp: 114829
Ion Ratio Lower Upper
83 100
55 78.1 61.3 91.9
98 44.4 37.9 56.9

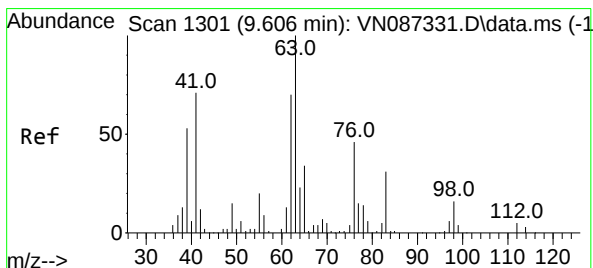
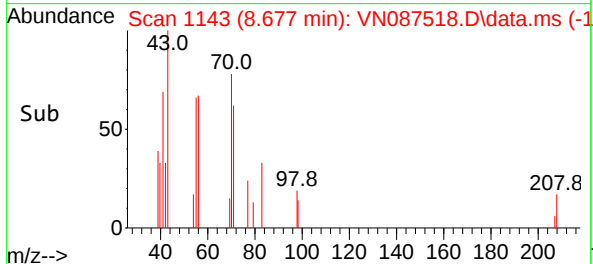
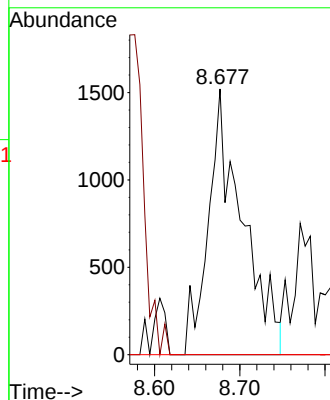
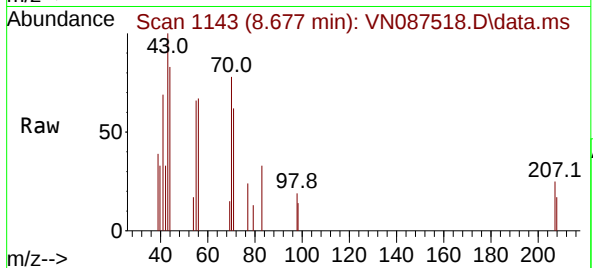




#43
Isopropyl Acetate
Concen: 0.400 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

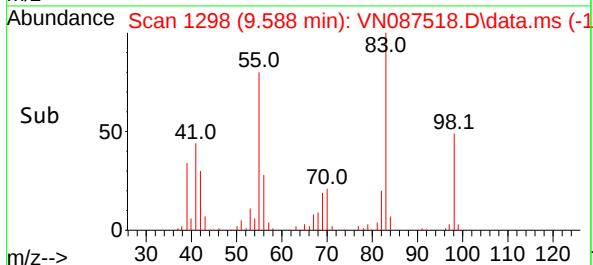
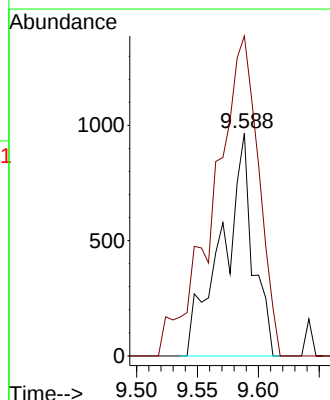
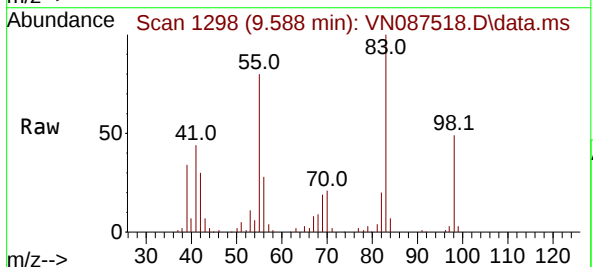
Instrument :
MSVOA_N
ClientSampleId :
TW1

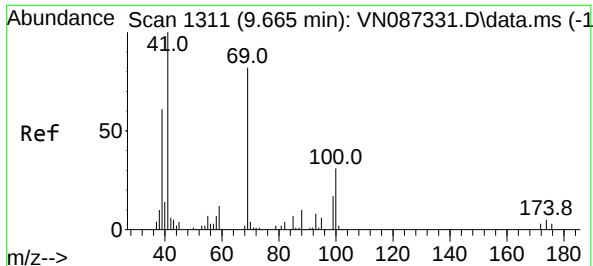
Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
61 0.0 19.8 29.8#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 0.439 ug/l
RT: 9.588 min Scan# 1298
Delta R.T. -0.018 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 63 Resp: 1695
Ion Ratio Lower Upper
63 100
65 143.7 27.0 40.4#





#48

Methyl methacrylate

Concen: 14.035 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. -0.082 min

Lab File: VN087518.D

Acq: 12 Aug 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

TW1

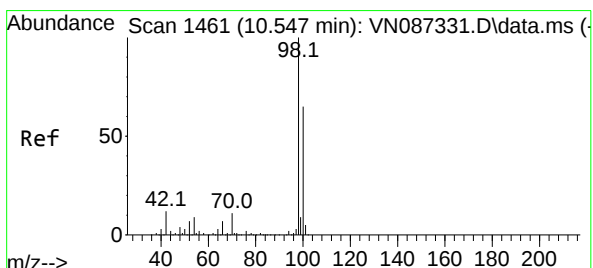
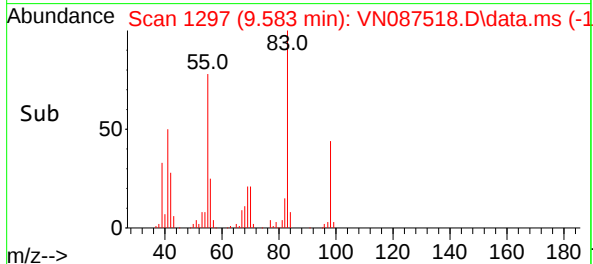
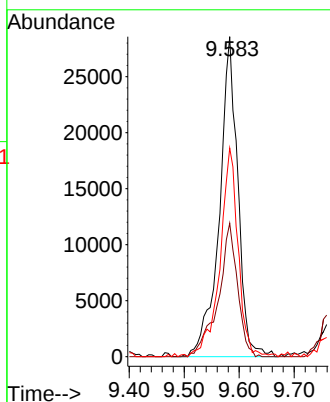
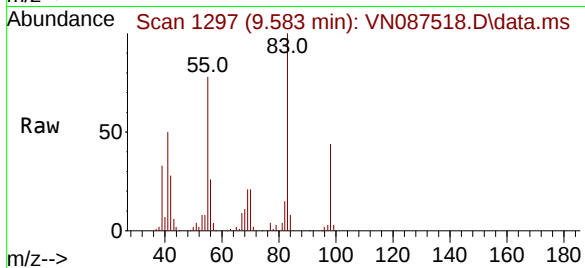
Tgt Ion: 41 Resp: 66645

Ion Ratio Lower Upper

41 100

69 43.2 64.1 96.1#

39 64.3 45.5 68.3



#50

Toluene-d8

Concen: 52.377 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087518.D

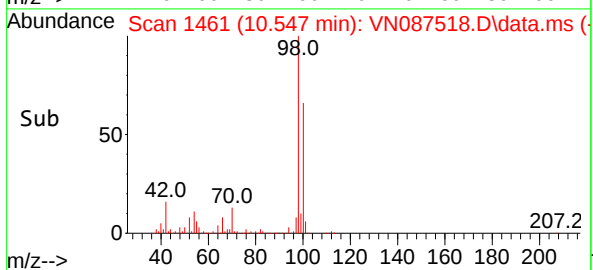
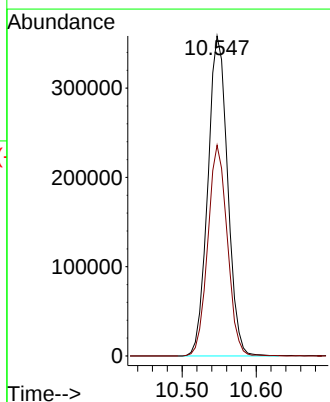
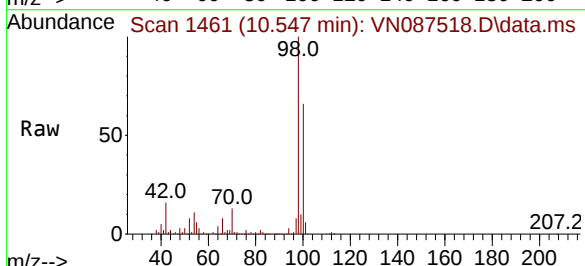
Acq: 12 Aug 2025 16:35

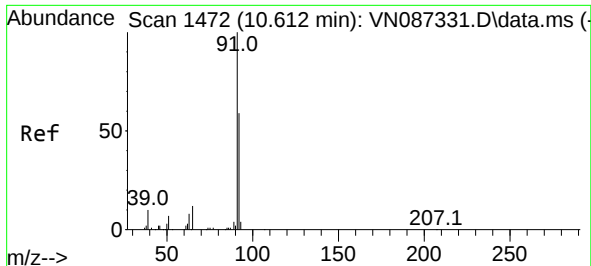
Tgt Ion: 98 Resp: 665301

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

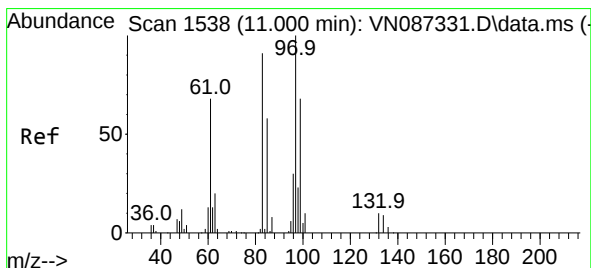
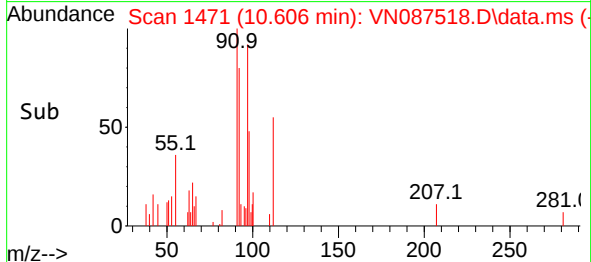
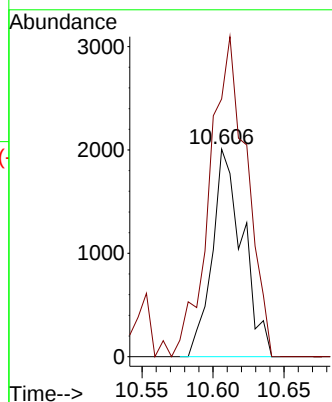
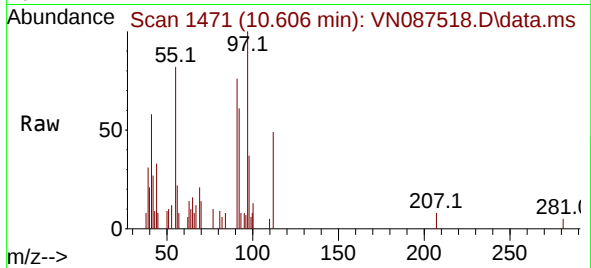




#52
Toluene
Concen: 0.325 ug/l
RT: 10.606 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

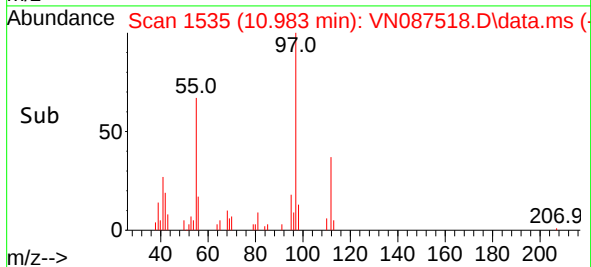
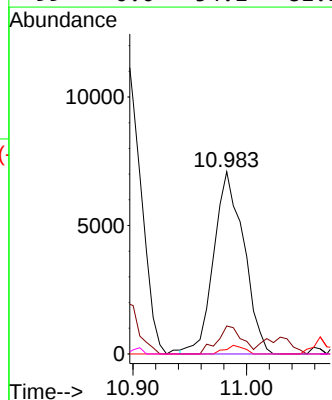
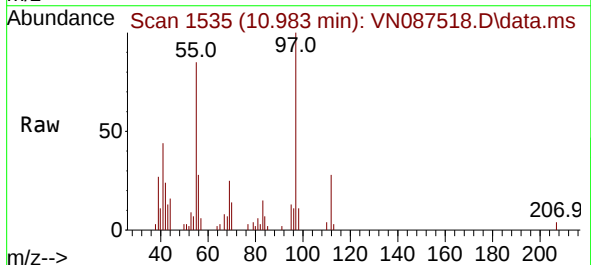
Instrument :
MSVOA_N
ClientSampleId :
TW1

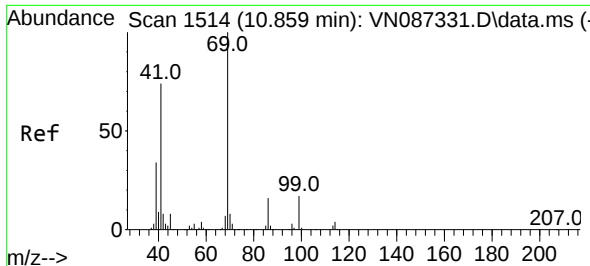
Tgt Ion: 92 Resp: 3002
Ion Ratio Lower Upper
92 100
91 187.3 135.1 202.7



#55
1,1,2-Trichloroethane
Concen: 3.491 ug/l
RT: 10.983 min Scan# 1535
Delta R.T. -0.018 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 97 Resp: 13062
Ion Ratio Lower Upper
97 100
83 15.3 72.6 109.0#
85 2.4 46.7 70.1#
99 0.0 54.1 81.1#

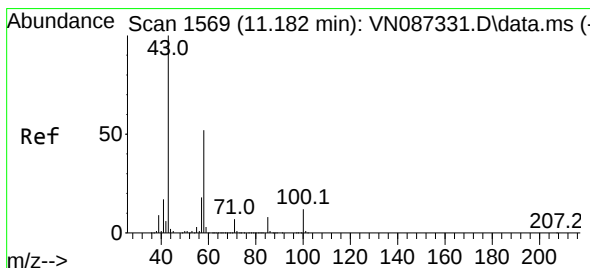
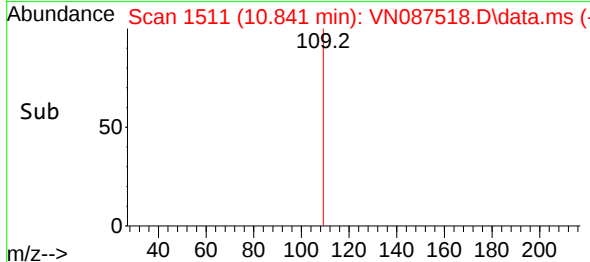
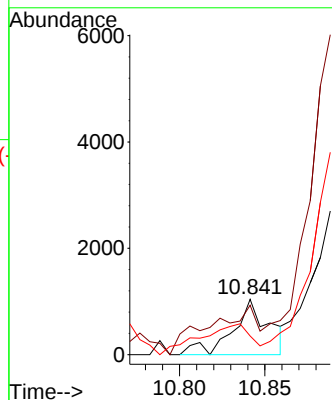
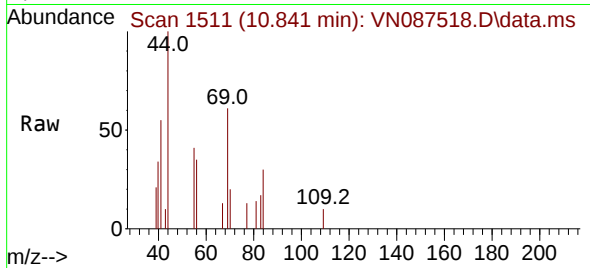




#56
Ethyl methacrylate
Concen: 0.882 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.018 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

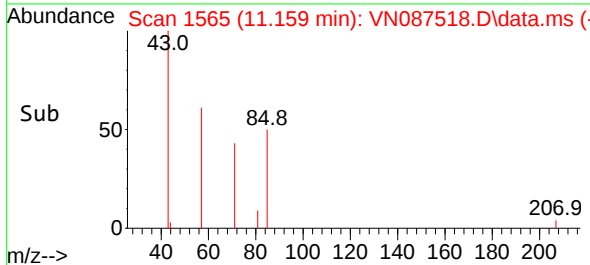
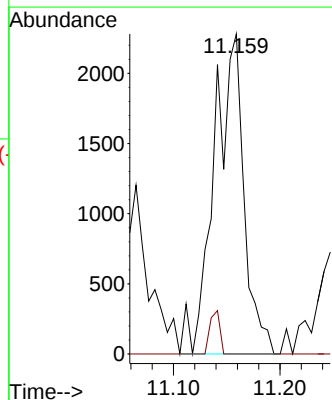
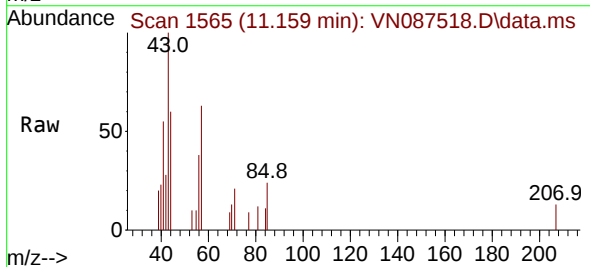
Instrument :
MSVOA_N
ClientSampleId :
TW1

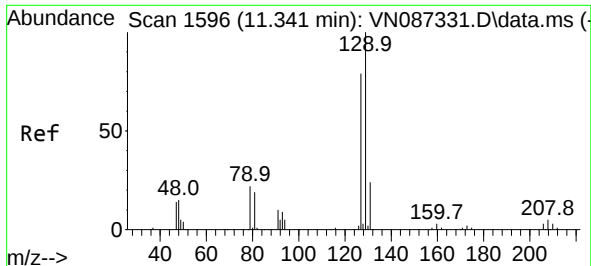
Tgt Ion: 69 Resp: 1523
Ion Ratio Lower Upper
69 100
41 119.8 55.1 82.7#
39 79.2 27.9 41.9#



#59
2-Hexanone
Concen: 1.007 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.023 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 43 Resp: 4455
Ion Ratio Lower Upper
43 100
58 4.5 26.7 80.0#

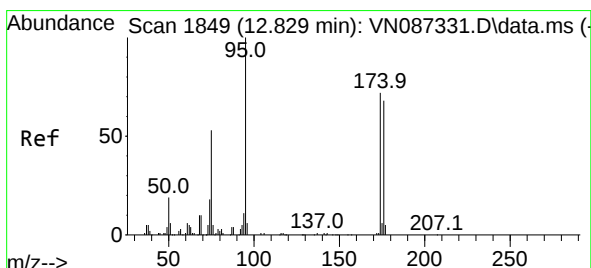
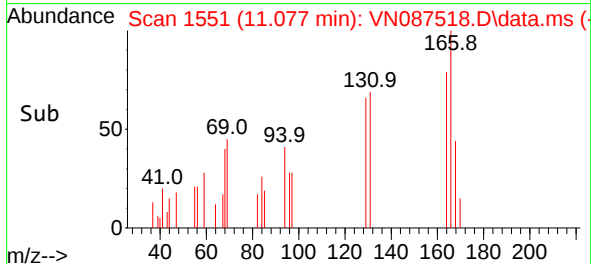
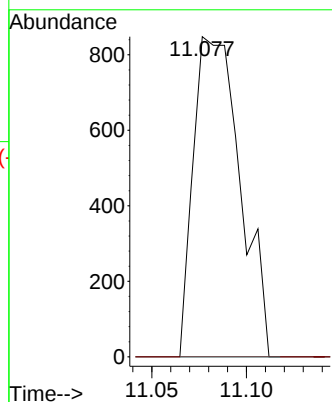
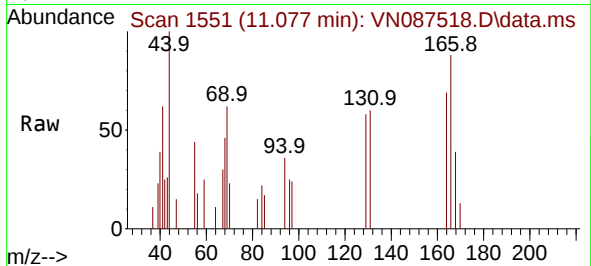




#60
Dibromochloromethane
Concen: 0.342 ug/l
RT: 11.077 min Scan# 11
Delta R.T. -0.264 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

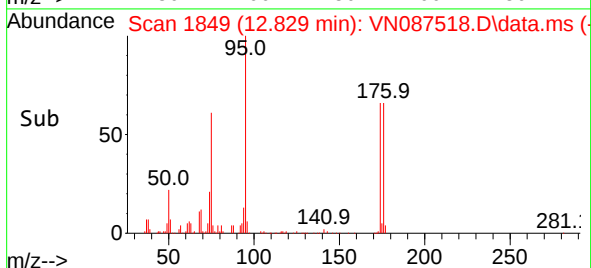
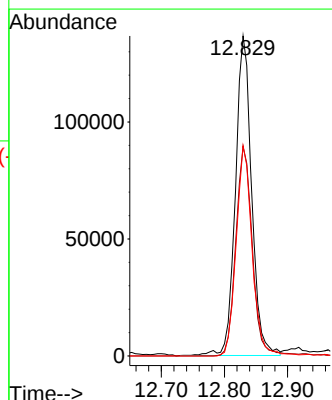
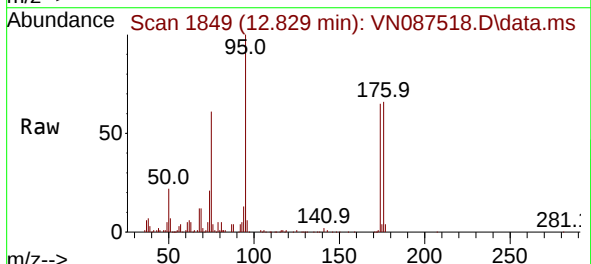
Instrument :
MSVOA_N
ClientSampleId :
TW1

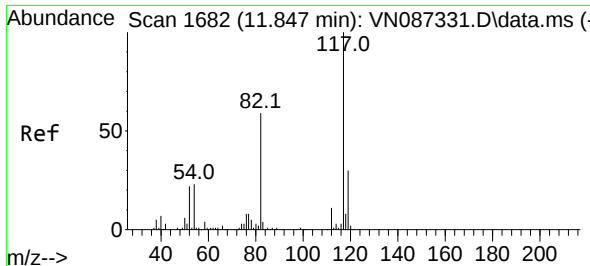
Tgt Ion:129 Resp: 1461
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#



#62
4-Bromofluorobenzene
Concen: 51.965 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 95 Resp: 243865
Ion Ratio Lower Upper
95 100
174 66.9 0.0 149.4
176 64.9 0.0 141.2

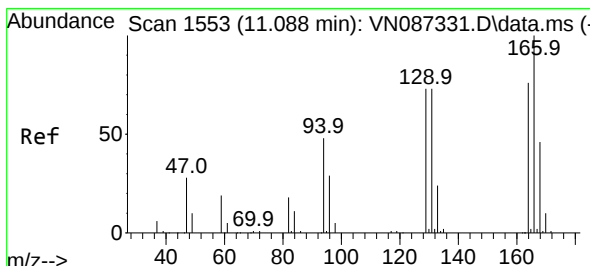
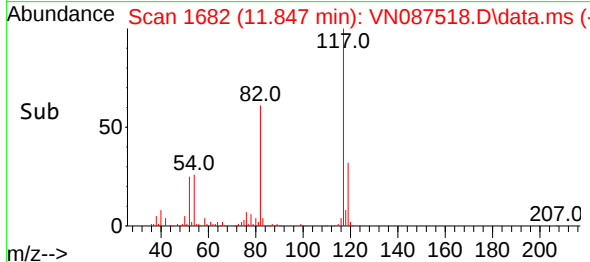
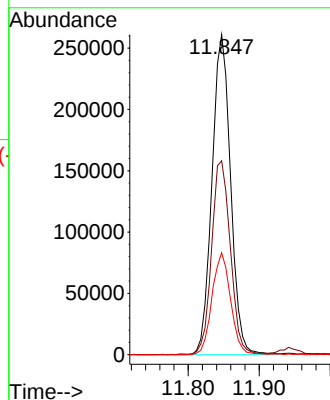
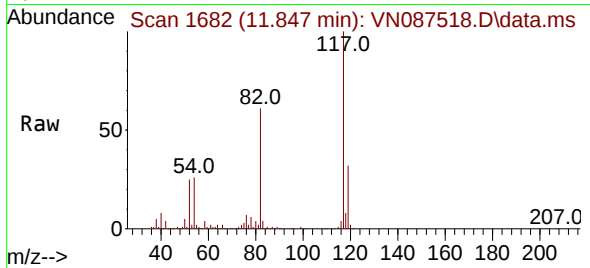




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

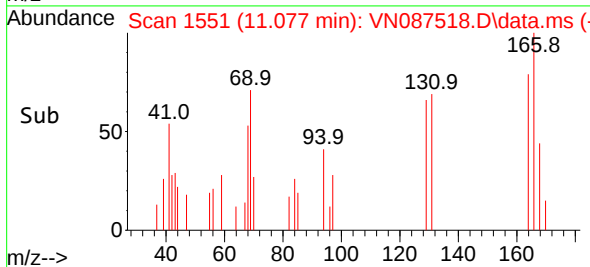
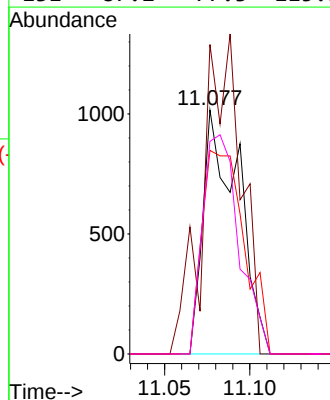
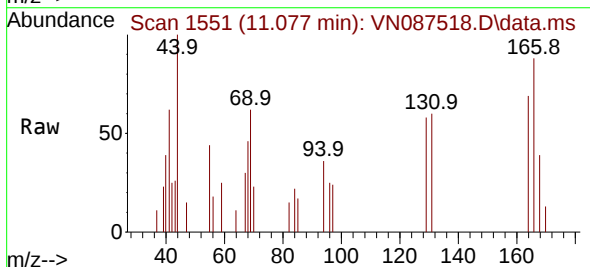
Instrument :
MSVOA_N
ClientSampleId :
TW1

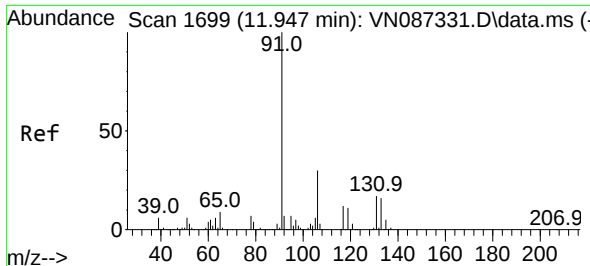
Tgt Ion:117 Resp: 475251
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.9 23.8 35.8



#64
Tetrachloroethene
Concen: 0.482 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.011 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion:164 Resp: 1473
Ion Ratio Lower Upper
164 100
166 126.9 105.5 158.3
129 83.5 77.4 116.2
131 87.2 77.3 115.9

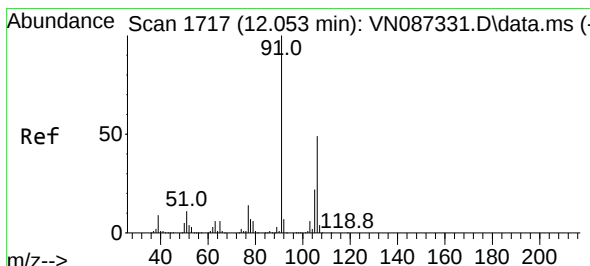
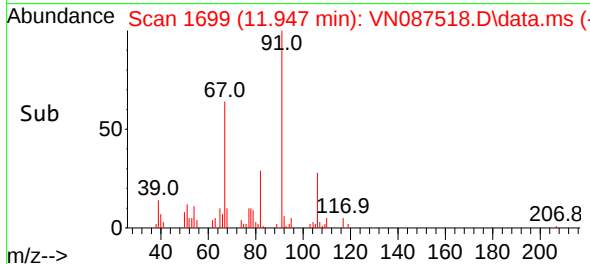
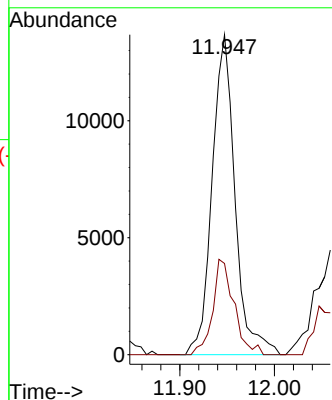
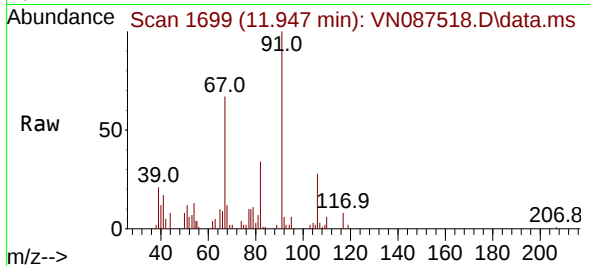




#67
Ethyl Benzene
Concen: 1.307 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

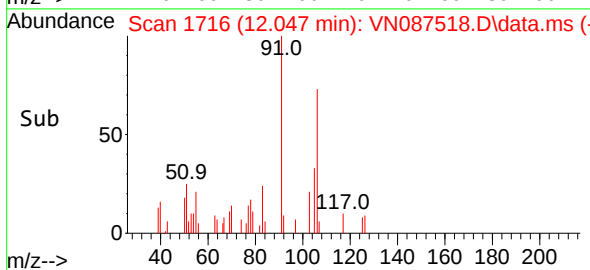
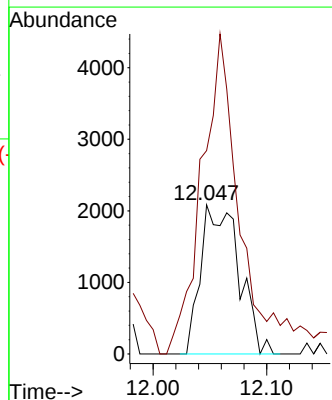
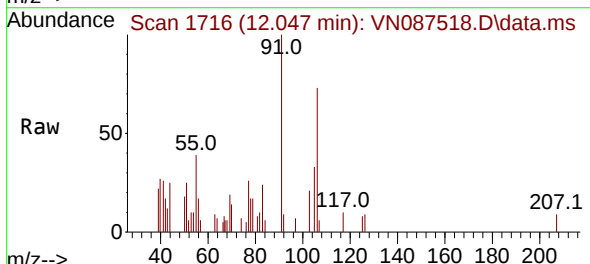
Instrument :
MSVOA_N
ClientSampleId :
TW1

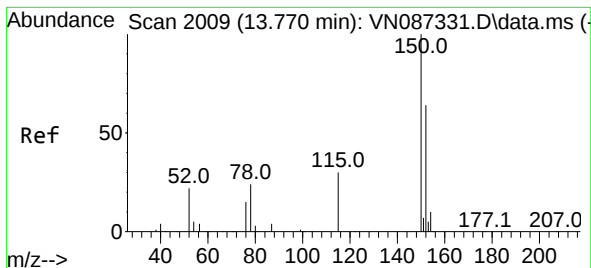
Tgt Ion: 91 Resp: 22966
Ion Ratio Lower Upper
91 100
106 28.5 24.3 36.5



#68
m/p-Xylenes
Concen: 0.740 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 106 Resp: 4870
Ion Ratio Lower Upper
106 100
91 217.5 162.0 243.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087518.D

Acq: 12 Aug 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

TW1

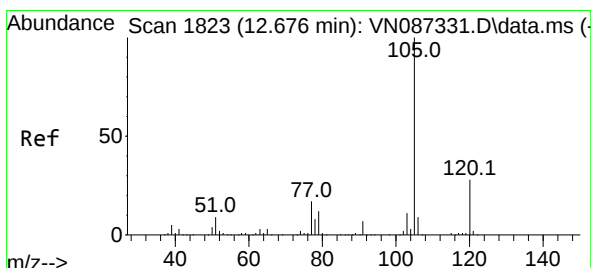
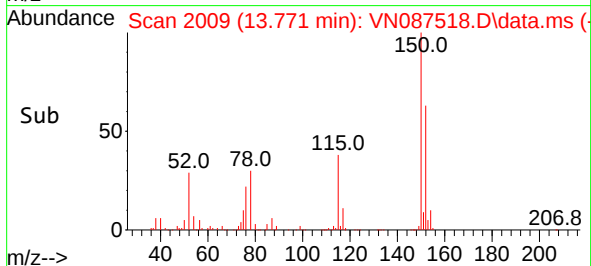
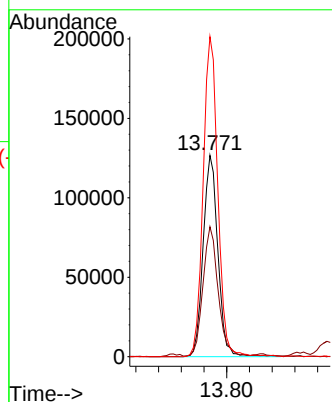
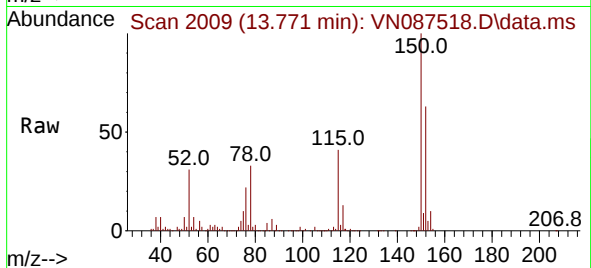
Tgt Ion:152 Resp: 227450

Ion Ratio Lower Upper

152 100

115 66.3 31.1 93.5

150 158.3 0.0 349.0



#73

Isopropylbenzene

Concen: 3.062 ug/l

RT: 12.677 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087518.D

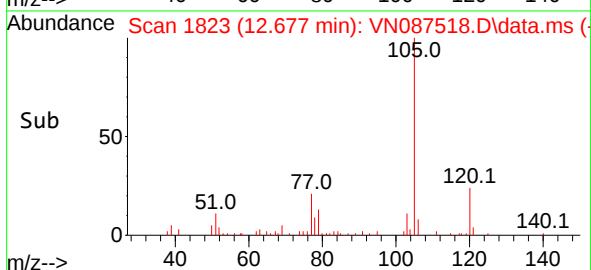
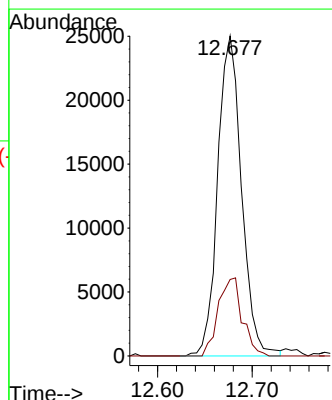
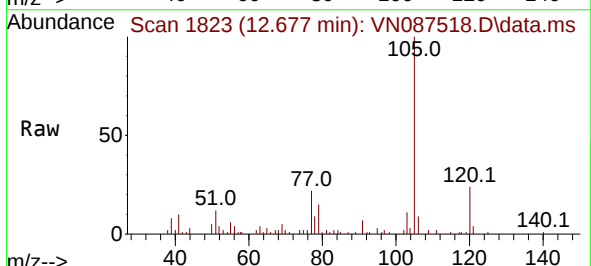
Acq: 12 Aug 2025 16:35

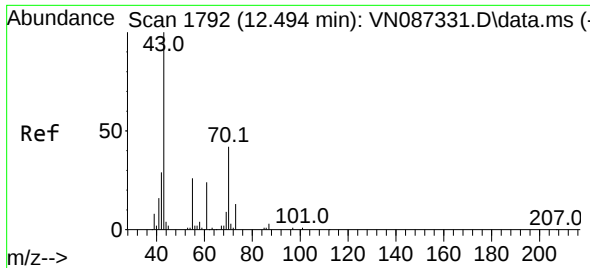
Tgt Ion:105 Resp: 43832

Ion Ratio Lower Upper

105 100

120 24.7 13.4 40.1

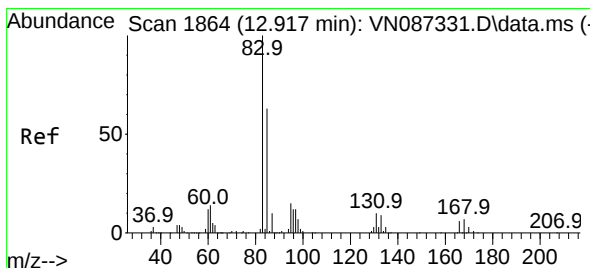
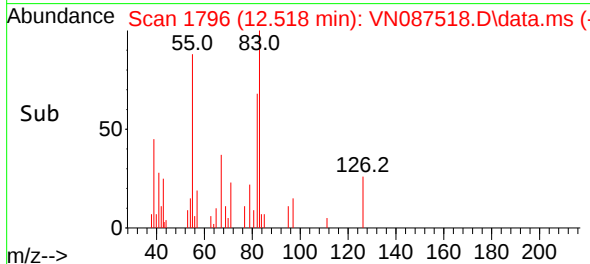
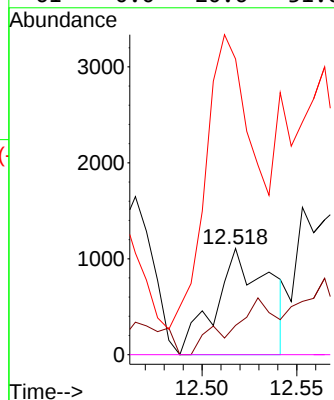
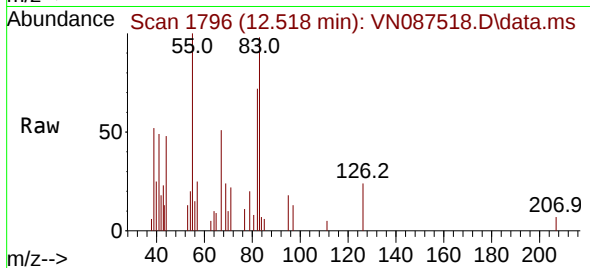




#74
N-amy1 acetate
Concen: 0.364 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. 0.024 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

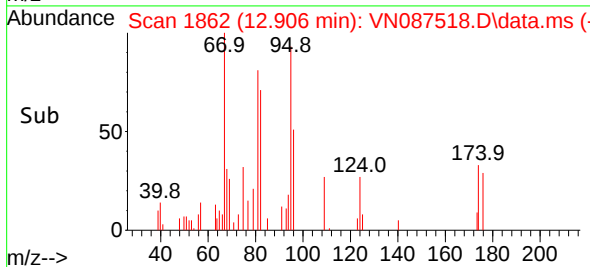
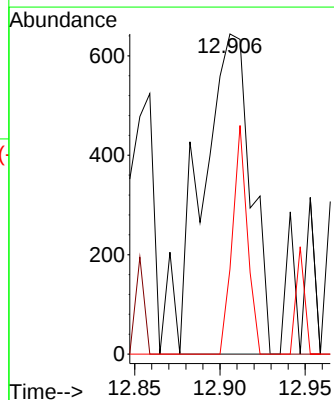
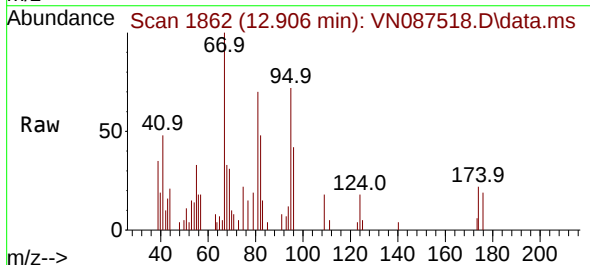
Instrument :
MSVOA_N
ClientSampleId :
TW1

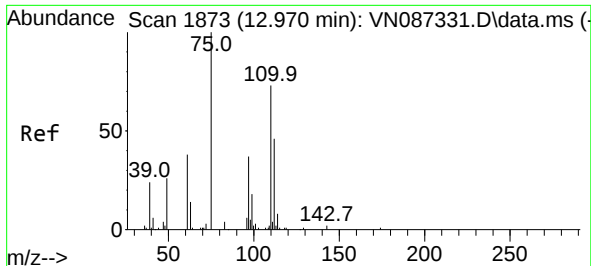
Tgt Ion:	43	Resp:	2162
Ion	Ratio	Lower	Upper
43	100		
70	45.2	37.6	56.4
55	254.4	19.6	29.4#
61	0.0	20.6	31.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.232 ug/l
RT: 12.906 min Scan# 1862
Delta R.T. -0.011 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion:	83	Resp:	1249
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	22.5	32.5	97.4#

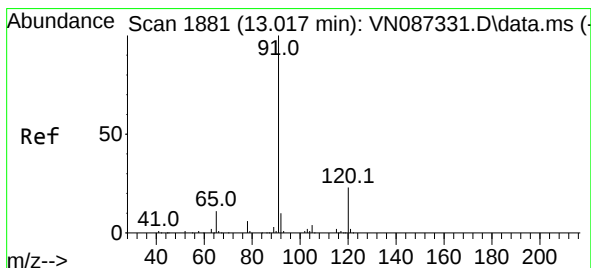
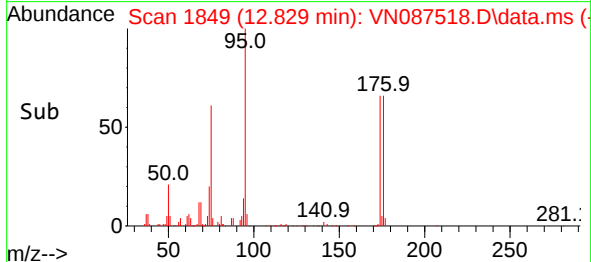
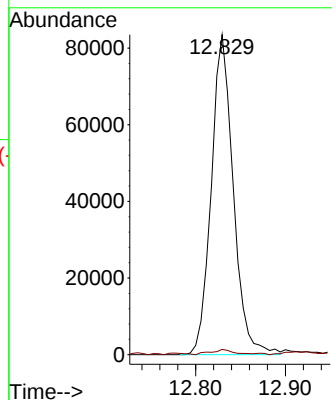
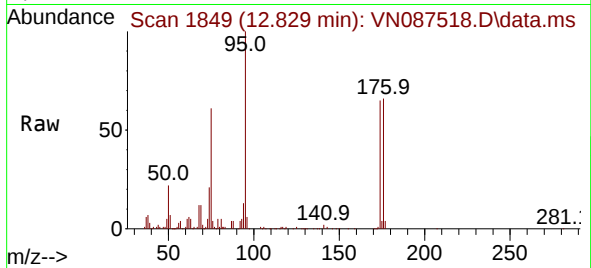




#76
1,2,3-Trichloropropane
Concen: 27.887 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

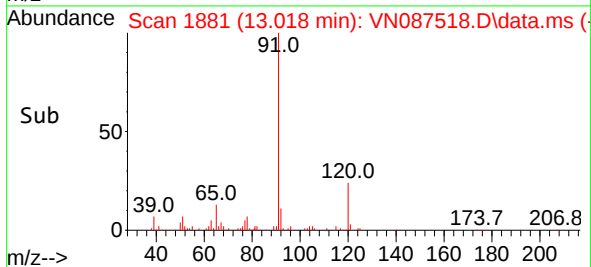
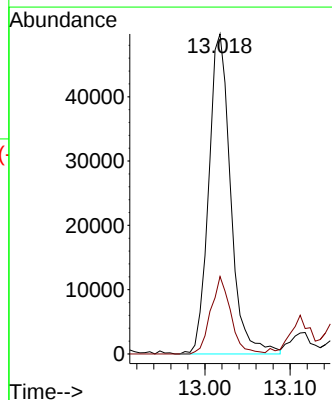
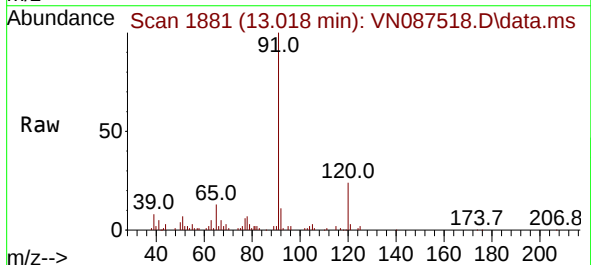
Instrument :
MSVOA_N
ClientSampleId :
TW1

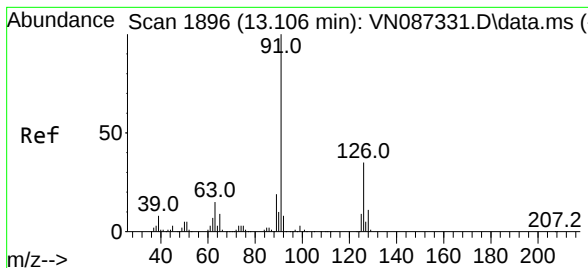
Tgt Ion: 75 Resp: 142235
Ion Ratio Lower Upper
75 100
77 1.7 94.5 283.6#



#78
n-propylbenzene
Concen: 4.933 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 91 Resp: 88844
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.8





#79

2-Chlorotoluene

Concen: 0.508 ug/l

RT: 13.118 min Scan# 1896

Delta R.T. 0.012 min

Lab File: VN087518.D

Acq: 12 Aug 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

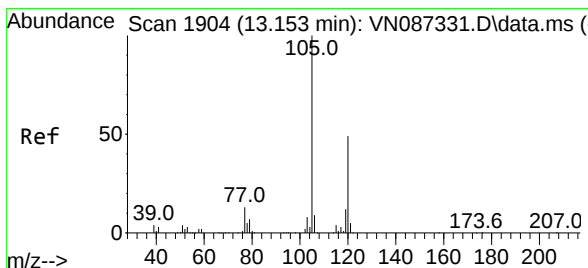
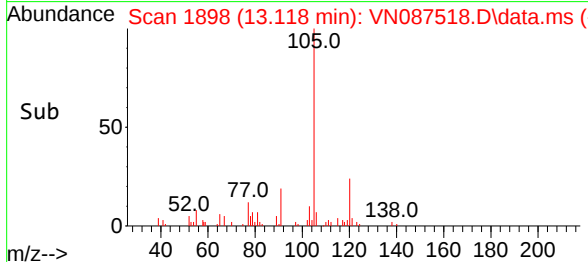
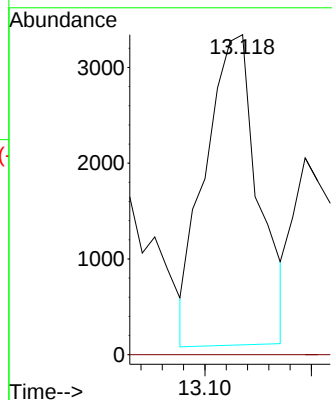
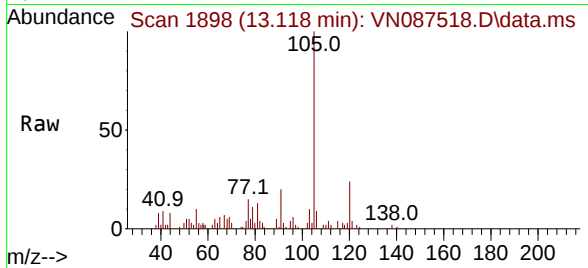
TW1

Tgt Ion: 91 Resp: 5628

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 1.785 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN087518.D

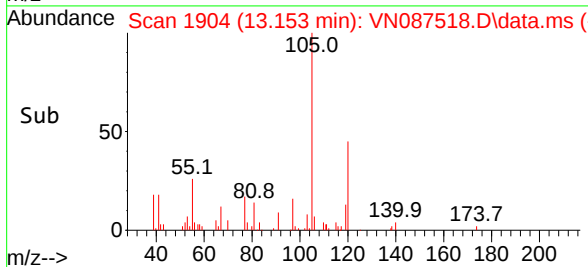
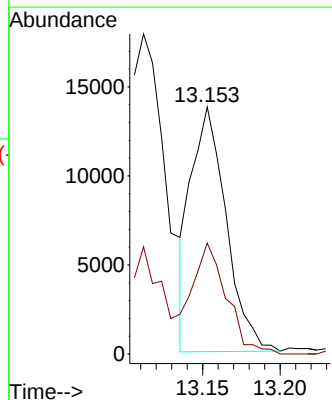
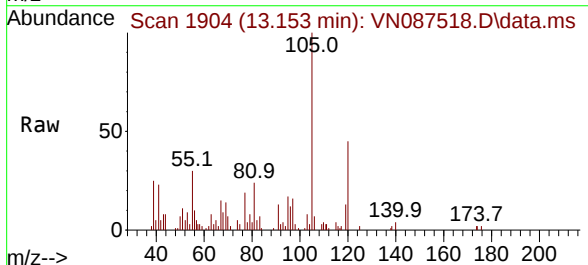
Acq: 12 Aug 2025 16:35

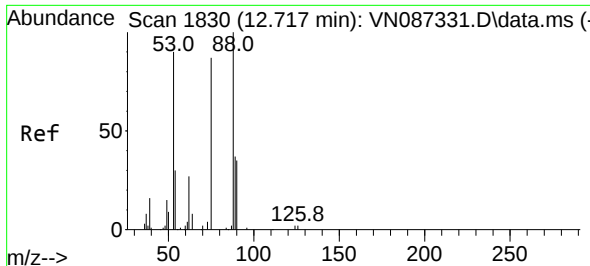
Tgt Ion:105 Resp: 21769

Ion Ratio Lower Upper

105 100

120 43.0 24.3 72.8

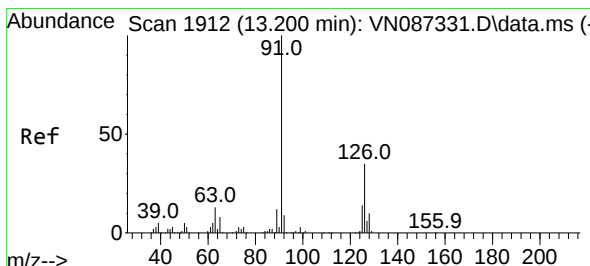
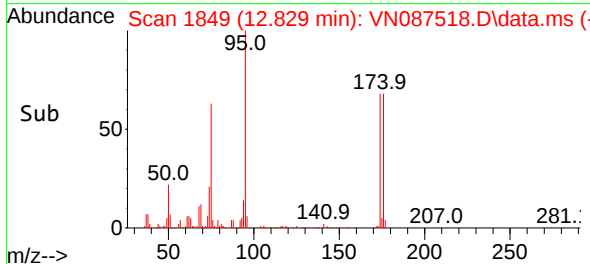
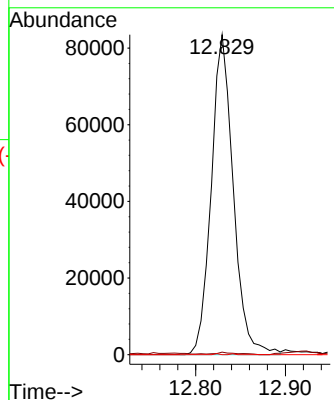
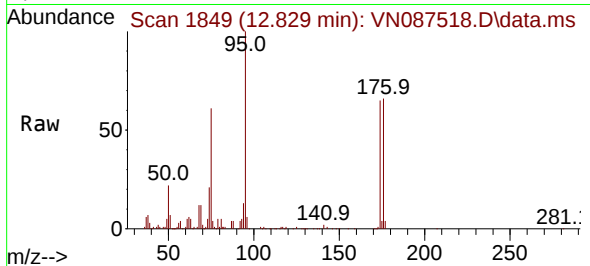




#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.304 ug/l
 RT: 12.829 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN087518.D
 Acq: 12 Aug 2025 16:35

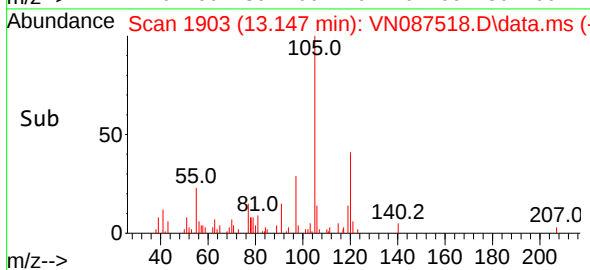
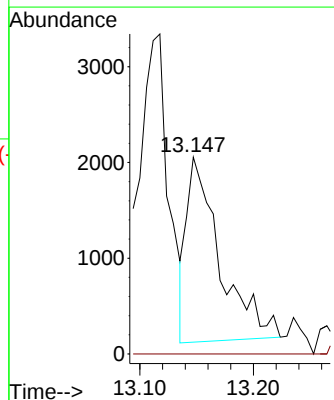
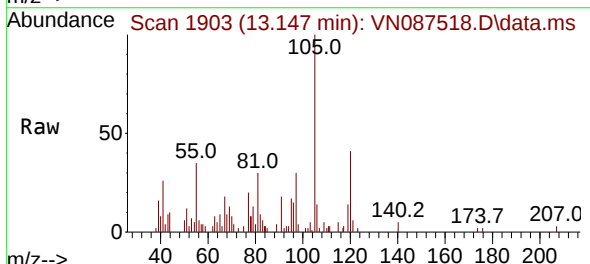
Instrument :
 MSVOA_N
 ClientSampleId :
 TW1

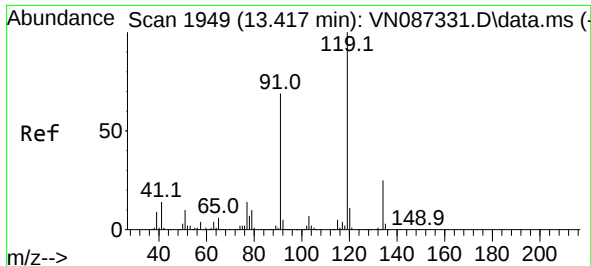
Tgt Ion: 75 Resp: 142235
 Ion Ratio Lower Upper
 75 100
 53 0.7 83.5 125.3#
 89 0.1 38.4 57.6#



#82
 4-Chlorotoluene
 Concen: 0.341 ug/l
 RT: 13.147 min Scan# 1903
 Delta R.T. -0.053 min
 Lab File: VN087518.D
 Acq: 12 Aug 2025 16:35

Tgt Ion: 91 Resp: 3927
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#

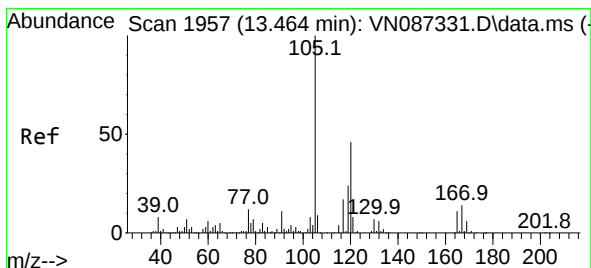
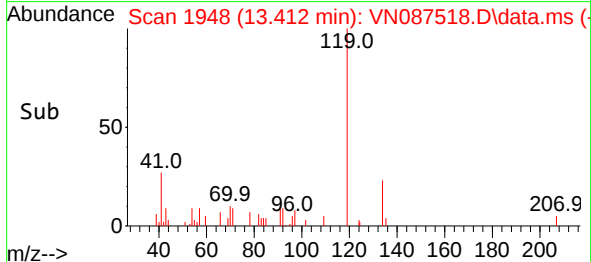
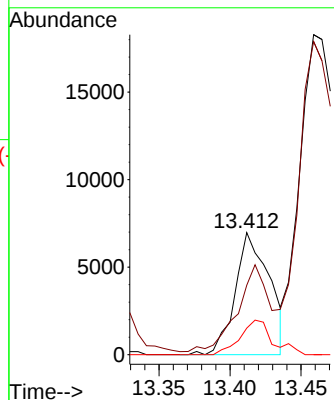
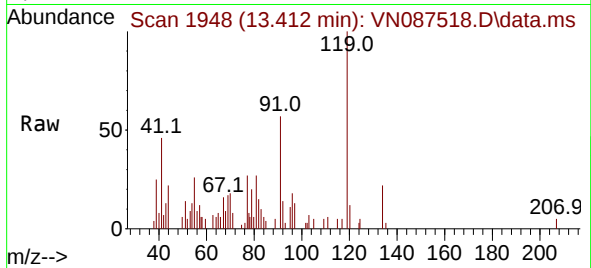




#83
 tert-Butylbenzene
 Concen: 1.147 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VN087518.D
 Acq: 12 Aug 2025 16:35

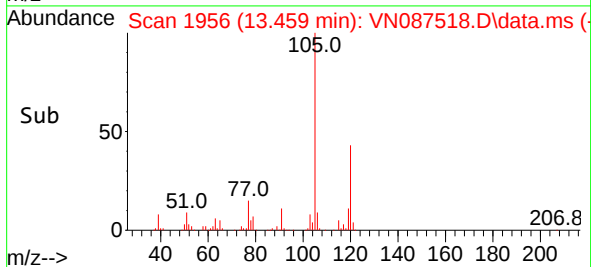
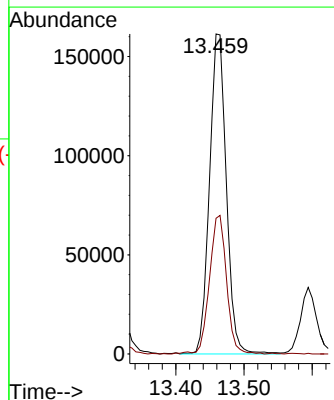
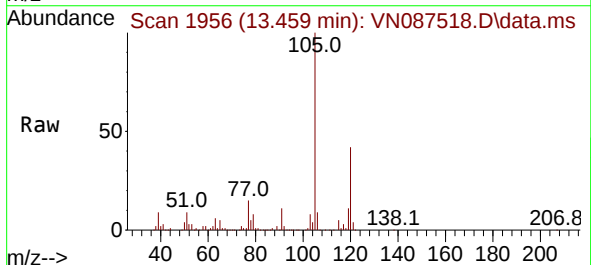
Instrument :
 MSVOA_N
 ClientSampleId :
 TW1

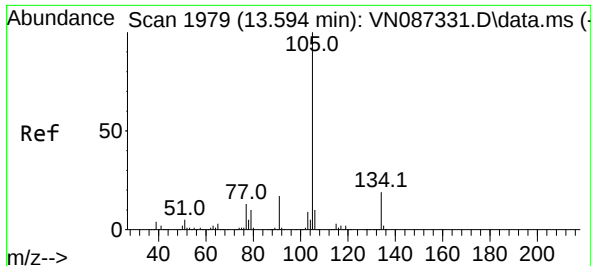
Tgt Ion:119 Resp: 11684
 Ion Ratio Lower Upper
 119 100
 91 62.3 35.0 105.1
 134 26.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 22.253 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087518.D
 Acq: 12 Aug 2025 16:35

Tgt Ion:105 Resp: 277175
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.8 68.3

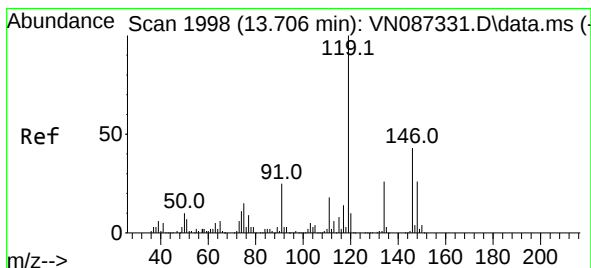
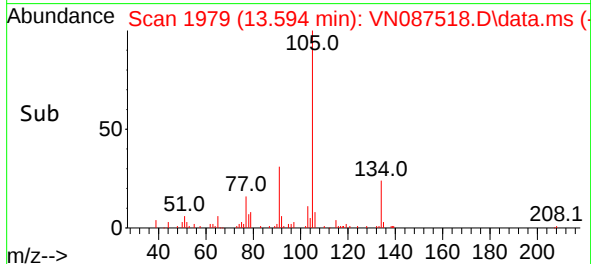
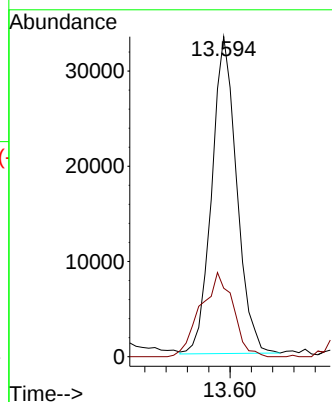
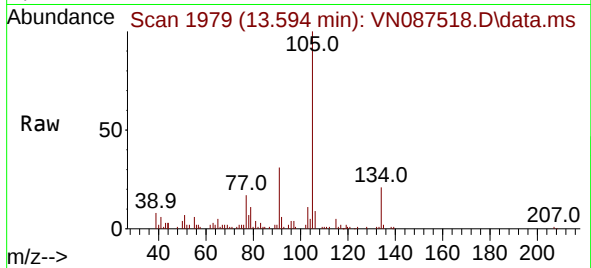




#85
 sec-Butylbenzene
 Concen: 3.527 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087518.D
 Acq: 12 Aug 2025 16:35

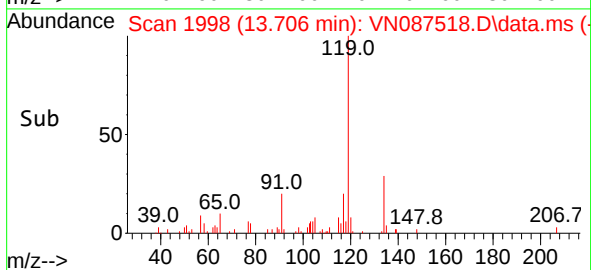
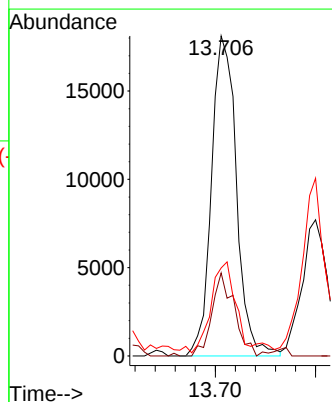
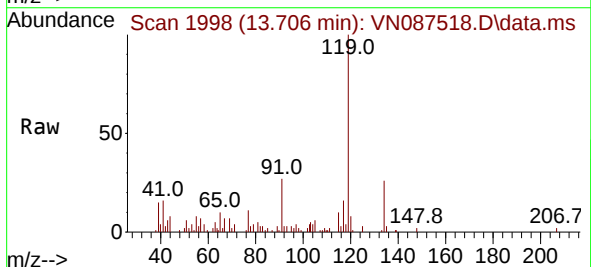
Instrument :
 MSVOA_N
 ClientSampleId :
 TW1

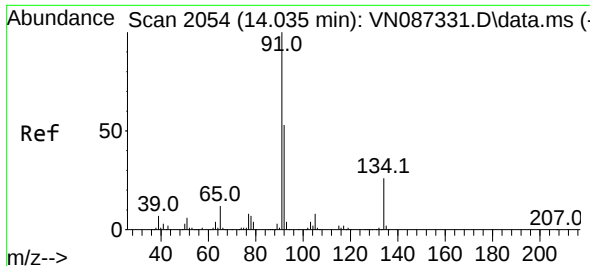
Tgt Ion:105 Resp: 54115
 Ion Ratio Lower Upper
 105 100
 134 34.4 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 2.550 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087518.D
 Acq: 12 Aug 2025 16:35

Tgt Ion:119 Resp: 31363
 Ion Ratio Lower Upper
 119 100
 134 23.6 13.5 40.5
 91 25.8 12.2 36.6

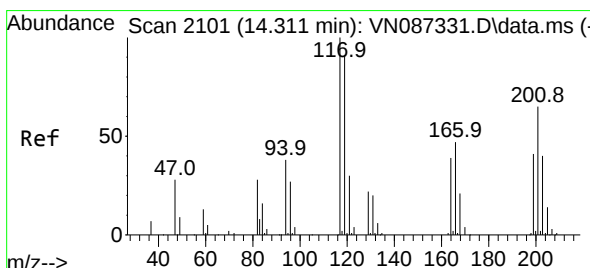
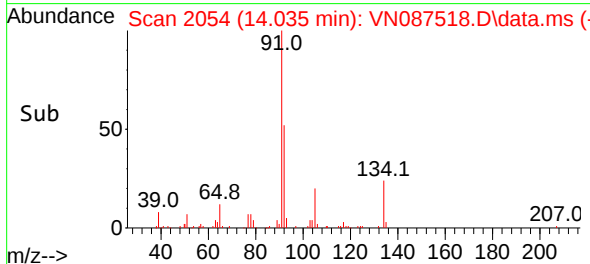
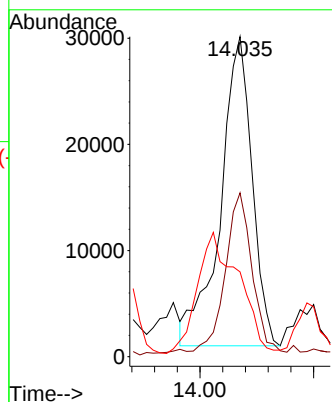
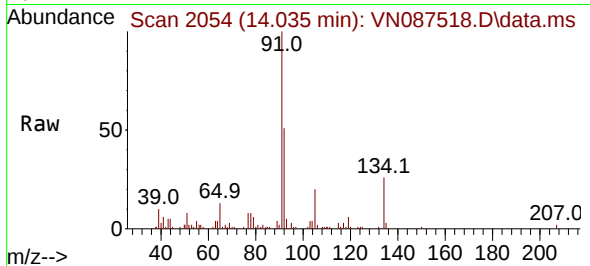




#89
n-Butylbenzene
Concen: 4.793 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

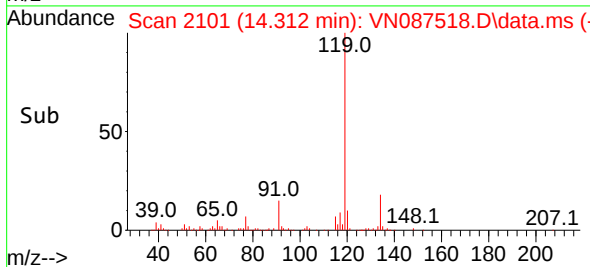
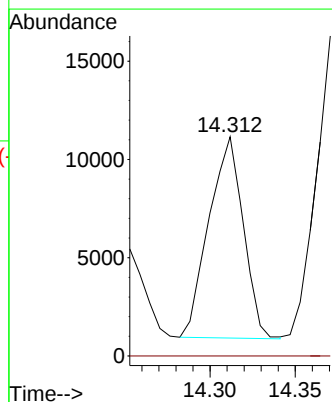
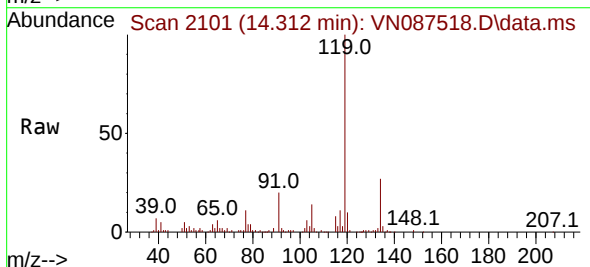
Instrument :
MSVOA_N
ClientSampleId :
TW1

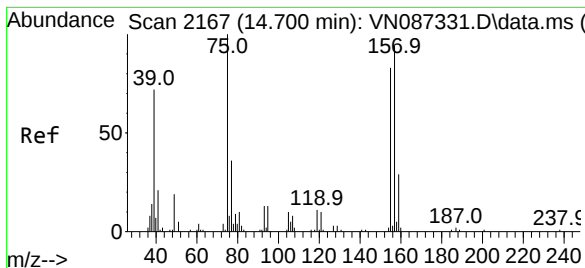
Tgt Ion: 91 Resp: 56274
Ion Ratio Lower Upper
91 100
92 45.0 26.2 78.6
134 0.0 12.4 37.2#



#90
Hexachloroethane
Concen: 5.503 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087518.D
Acq: 12 Aug 2025 16:35

Tgt Ion: 117 Resp: 14337
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.4#

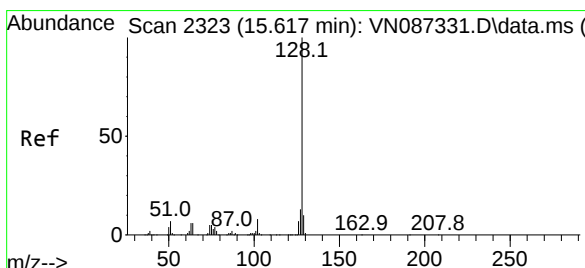
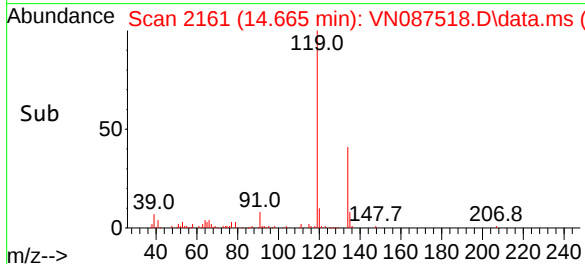
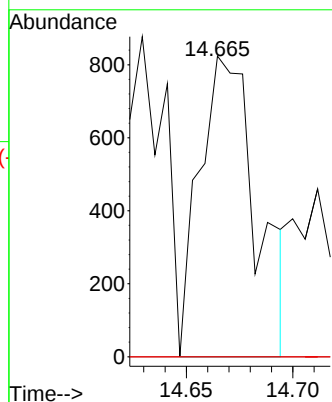
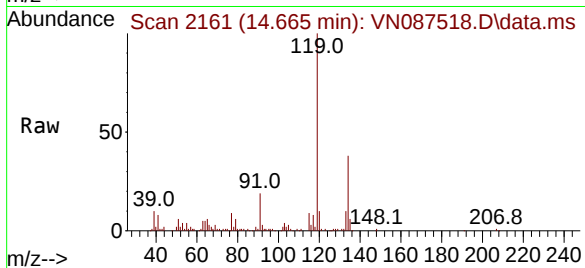




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.082 ug/l
 RT: 14.665 min Scan# 2161
 Delta R.T. -0.035 min
 Lab File: VN087518.D
 Acq: 12 Aug 2025 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 TW1

Tgt Ion: 75 Resp: 1530
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.3 111.8#
 157 0.0 46.2 138.6#



#95
 Naphthalene
 Concen: 13.423 ug/l
 RT: 15.612 min Scan# 2322
 Delta R.T. -0.006 min
 Lab File: VN087518.D
 Acq: 12 Aug 2025 16:35

Tgt Ion: 128 Resp: 192814
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.5 15.7
 129 9.9 8.4 12.6

