

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088477.D
 Acq On : 09 Dec 2025 14:05
 Operator : JC\MD
 Sample : Q3784-03ME 20X
 Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB3A

Quant Time: Dec 10 05:06:48 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	229100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	515203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	538236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	266826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	257201	59.595	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.200%	
35) Dibromofluoromethane	8.147	113	180222	50.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	10.541	98	750946	56.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.060%#	
62) 4-Bromofluorobenzene	12.823	95	307388	67.437	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 134.880%#	

Target Compounds				Qvalue		
3) Chloromethane	2.383	50	1138	0.308	ug/l #	68
5) Bromomethane	2.989	94	773	0.427	ug/l	81
10) Methyl Iodide	4.583	142	600	0.215	ug/l #	76
13) Acrolein	4.189	56	147	0.223	ug/l #	1
16) Acetone	4.430	43	6217	3.983	ug/l #	79
20) Methylene Chloride	5.271	84	1297	0.388	ug/l #	48
25) 2-Butanone	7.477	43	4931	1.965	ug/l #	49
26) 2,2-Dichloropropane	7.318	77	2963	0.548	ug/l #	56
29) Tetrahydrofuran	7.818	42	416	0.231	ug/l #	36
30) Chloroform	7.912	83	10497	1.706	ug/l #	19
31) Cyclohexane	8.206	56	274230	48.314	ug/l #	57
36) 1,1-Dichloropropene	8.200	75	24562	4.458	ug/l #	69
37) Ethyl Acetate	7.477	43	4931	0.681	ug/l #	75
38) Carbon Tetrachloride	8.200	117	28004	5.105	ug/l #	16
39) Methylcyclohexane	9.577	83	877529	148.888	ug/l	92
43) Isopropyl Acetate	8.682	43	68320	6.172	ug/l #	58
45) 1,2-Dichloropropane	9.577	63	14647	3.535	ug/l #	1
47) Bromodichloromethane	9.841	83	26539	4.399	ug/l #	37
48) Methyl methacrylate	9.577	41	671608	132.971	ug/l #	70
51) 4-Methyl-2-Pentanone	10.318	43	687795	105.411	ug/l #	44
52) Toluene	10.606	92	128860	13.799	ug/l	97
55) 1,1,2-Trichloroethane	10.982	97	190074	52.609	ug/l #	22
56) Ethyl methacrylate	10.841	69	36378	6.374	ug/l #	82
58) 2-Chloroethyl Vinyl ether	10.129	63	1760	0.535	ug/l #	69
59) 2-Hexanone	11.147	43	329360	80.129	ug/l #	32
60) Dibromochloromethane	11.147	129	2889	0.701	ug/l	70
61) 1,2-Dibromoethane	11.453	107	1506	0.412	ug/l #	3
67) Ethyl Benzene	11.935	91	421017	19.925	ug/l	98
68) m/p-Xylenes	12.053	106	6939	0.886	ug/l	79
71) Bromoform	12.553	173	1305	0.437	ug/l #	29
73) Isopropylbenzene	12.670	105	253478	12.848	ug/l	99
74) N-amyl acetate	12.459	43	227341	33.837	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.906	83	10503	1.647	ug/l #	52
76) 1,2,3-Trichloropropane	13.000	75	6349	1.016	ug/l #	1
78) n-propylbenzene	13.012	91	768892	31.857	ug/l	99
79) 2-Chlorotoluene	13.106	91	24638	1.672	ug/l #	47

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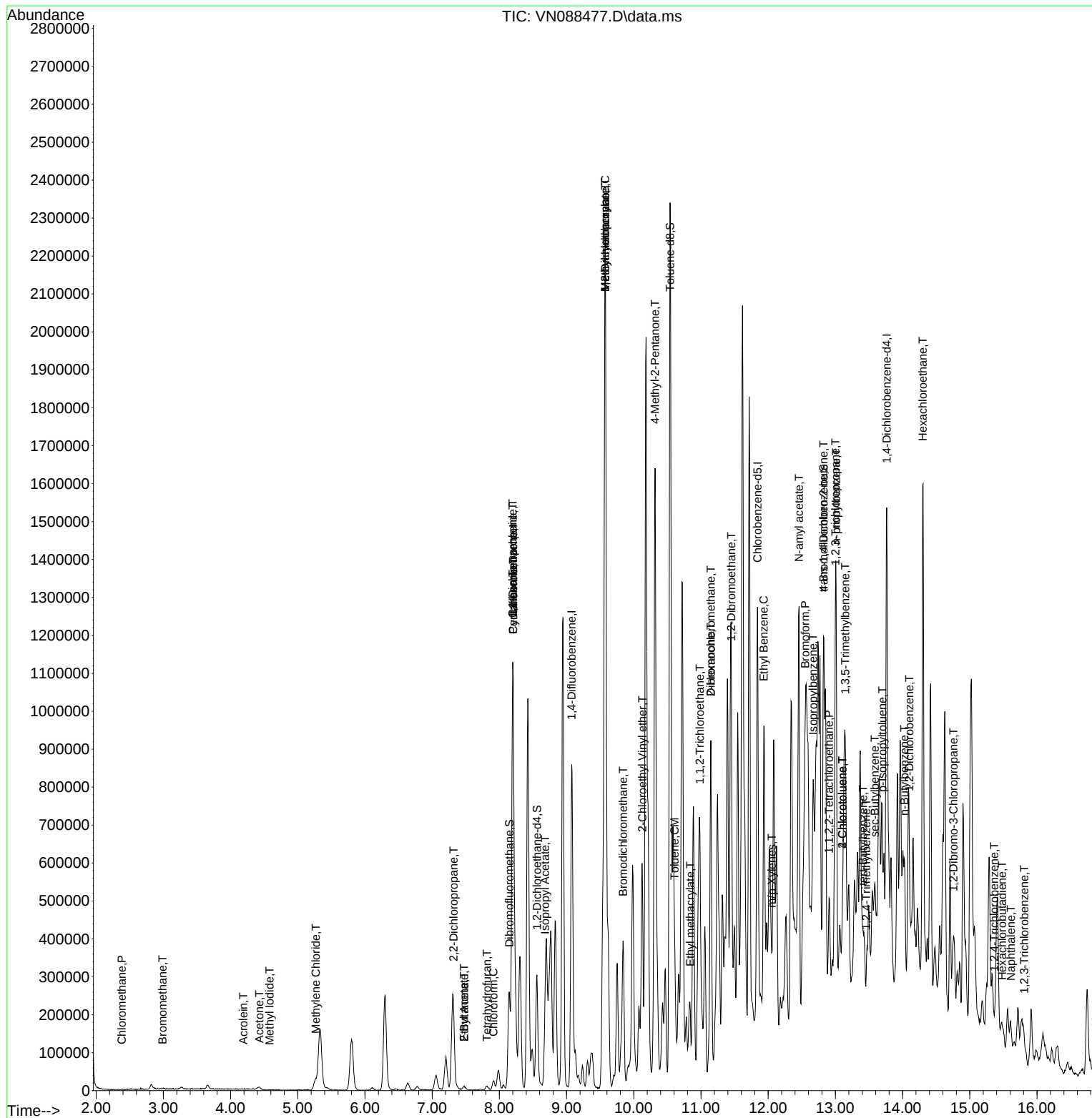
80) 1,3,5-Trimethylbenzene	13.147	105	25193	1.541	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.823	75	169096	76.760	ug/l #	1
82) 4-Chlorotoluene	13.106	91	24638	1.683	ug/l #	46
83) tert-Butylbenzene	13.412	119	7862	0.566	ug/l #	34
84) 1,2,4-Trimethylbenzene	13.459	105	5572	0.343	ug/l	99
85) sec-Butylbenzene	13.588	105	100579	5.038	ug/l #	56
86) p-Isopropyltoluene	13.700	119	76041	4.645	ug/l	98
89) n-Butylbenzene	14.029	91	196036	12.333	ug/l #	81
90) Hexachloroethane	14.300	117	69828	23.349	ug/l #	20
91) 1,2-Dichlorobenzene	14.100	146	2315	0.280	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.759	75	599	0.387	ug/l	64
93) 1,2,4-Trichlorobenzene	15.364	180	1911	0.389	ug/l #	1
94) Hexachlorobutadiene	15.482	225	854	0.484	ug/l	97
95) Naphthalene	15.611	128	68666	4.033	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.811	180	2223	0.465	ug/l #	55

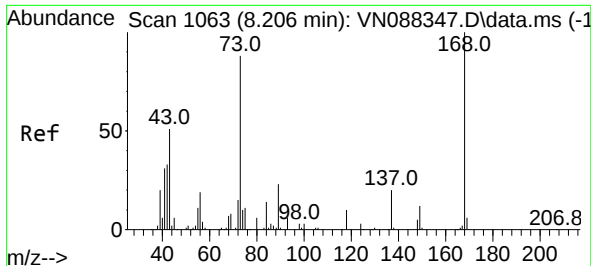
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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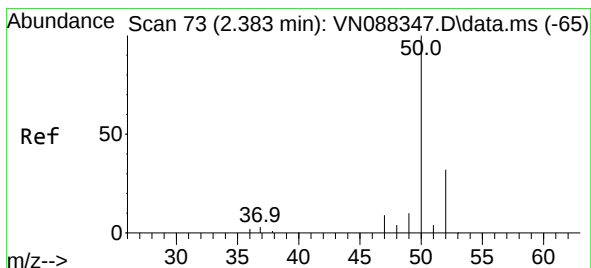
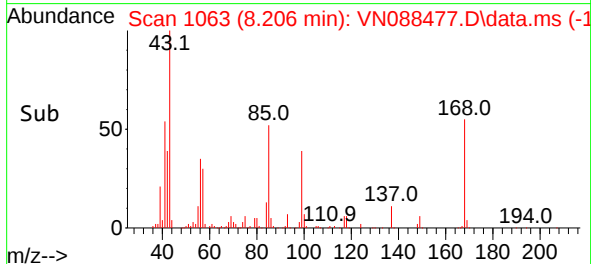
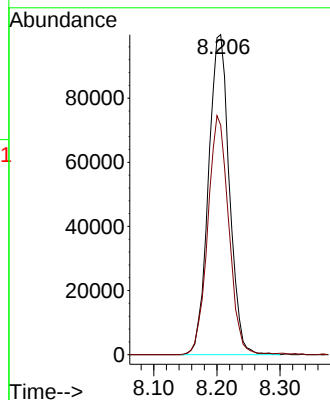
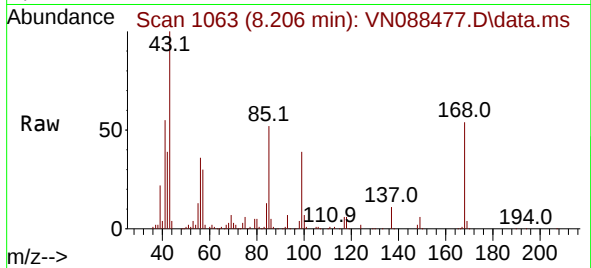




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

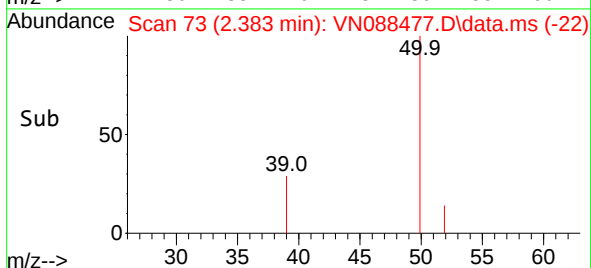
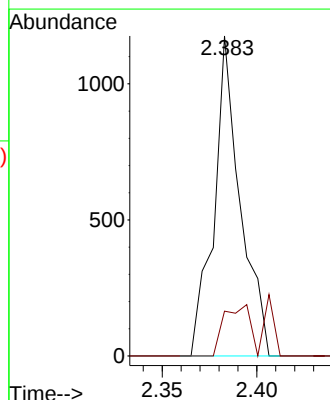
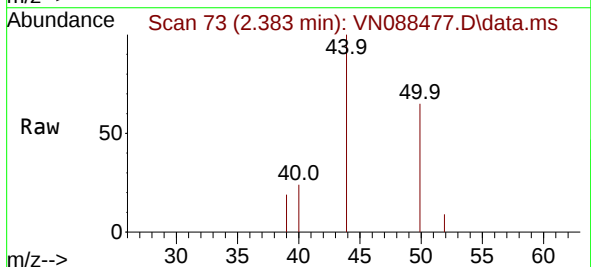
Instrument :
MSVOA_N
ClientSampleId :
SB3A

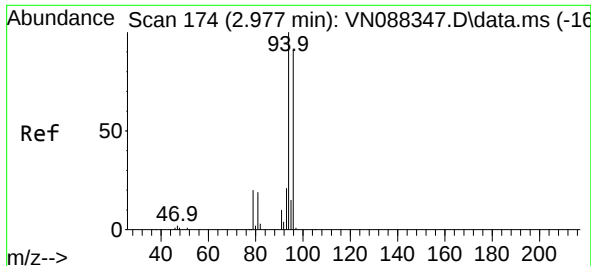
Tgt Ion:168 Resp: 229100
Ion Ratio Lower Upper
168 100
99 71.7 57.1 85.7



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 50 Resp: 1138
Ion Ratio Lower Upper
50 100
52 14.0 25.2 37.8#

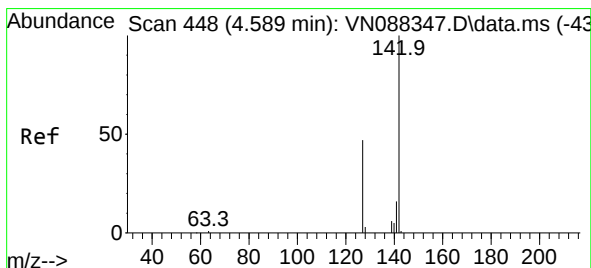
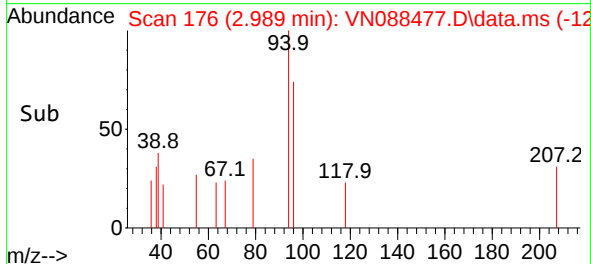
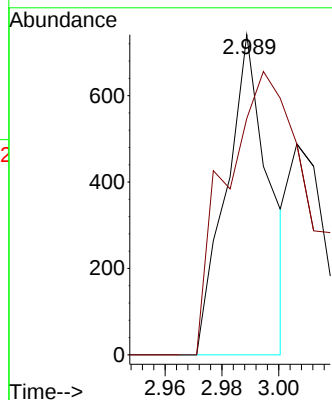
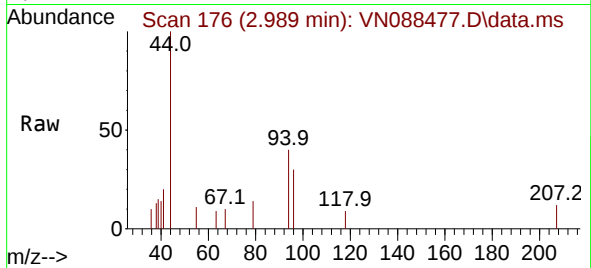




#5
Bromomethane
Concen: 0.427 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

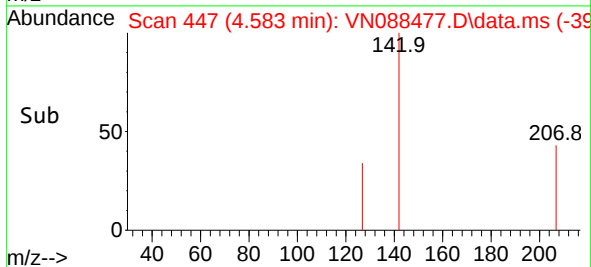
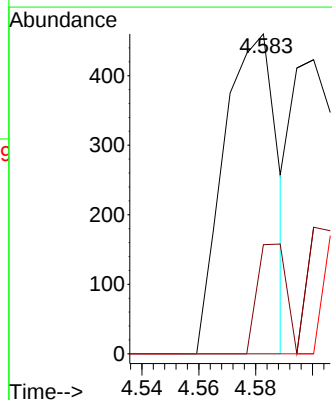
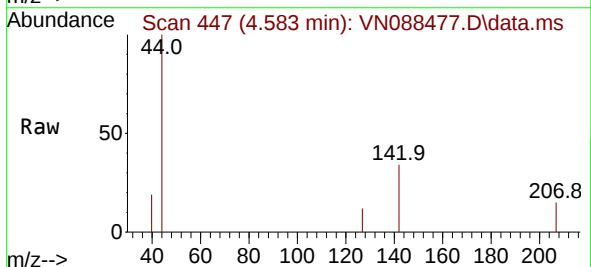
Instrument :
MSVOA_N
ClientSampleId :
SB3A

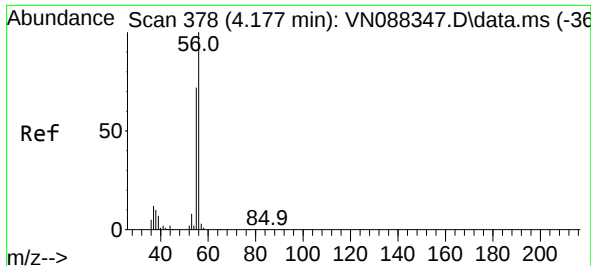
Tgt Ion: 94 Resp: 773
Ion Ratio Lower Upper
94 100
96 73.8 73.2 109.8



#10
Methyl Iodide
Concen: 0.215 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
142 100
127 34.1 37.9 56.9#
141 0.0 12.4 18.6#





#13

Acrolein

Concen: 0.223 ug/l

RT: 4.189 min Scan# 378

Delta R.T. 0.012 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

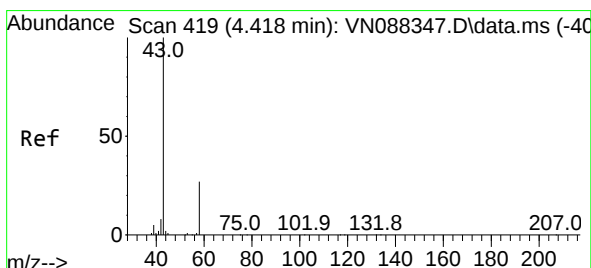
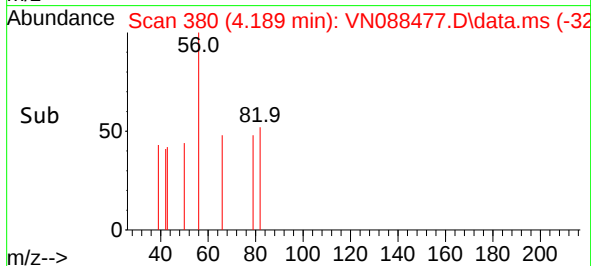
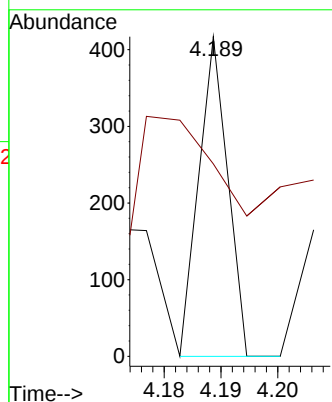
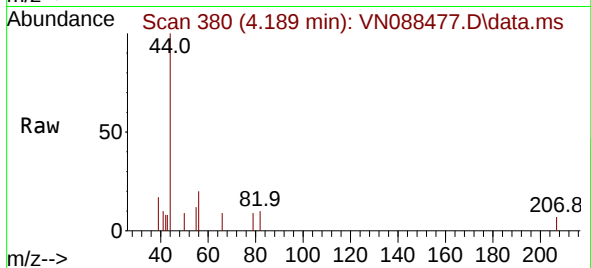
SB3A

Tgt Ion: 56 Resp: 147

Ion Ratio Lower Upper

56 100

55 361.9 56.3 84.5#



#16

Acetone

Concen: 3.983 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.012 min

Lab File: VN088477.D

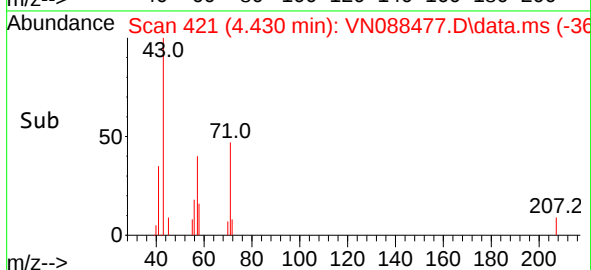
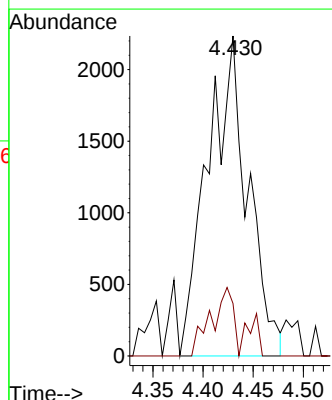
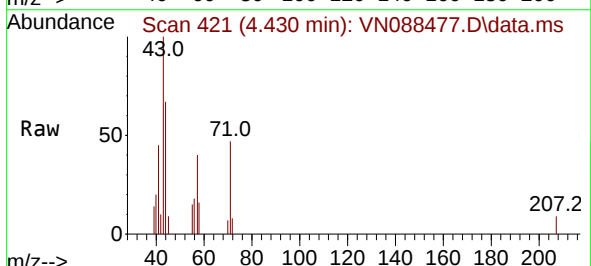
Acq: 09 Dec 2025 14:05

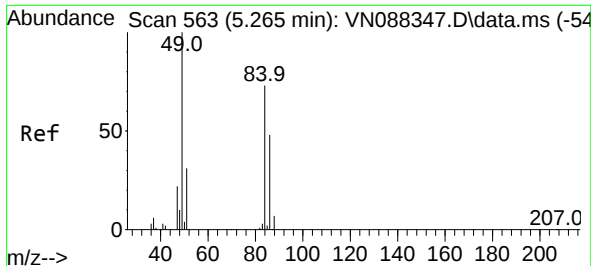
Tgt Ion: 43 Resp: 6217

Ion Ratio Lower Upper

43 100

58 16.4 21.7 32.5#





#20

Methylene Chloride

Concen: 0.388 ug/l

RT: 5.271 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

SB3A

Tgt Ion: 84 Resp: 1297

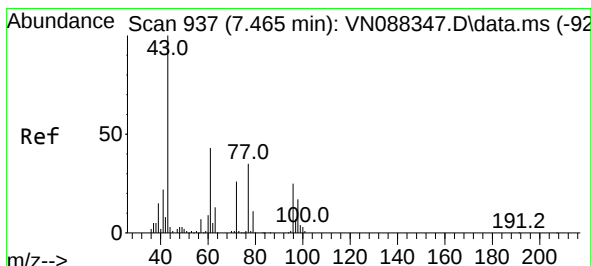
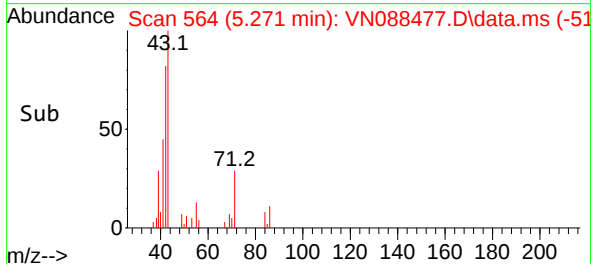
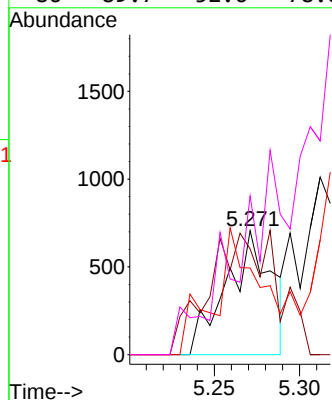
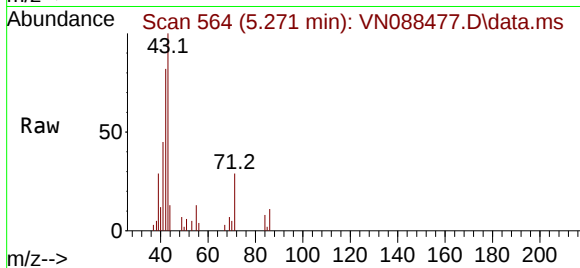
Ion Ratio Lower Upper

84 100

49 58.6 110.2 165.2#

51 70.0 34.1 51.1#

86 89.7 52.6 78.8#



#25

2-Butanone

Concen: 1.965 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.012 min

Lab File: VN088477.D

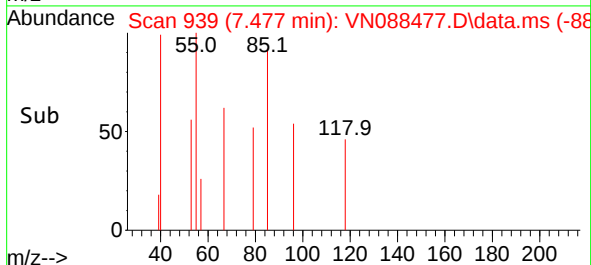
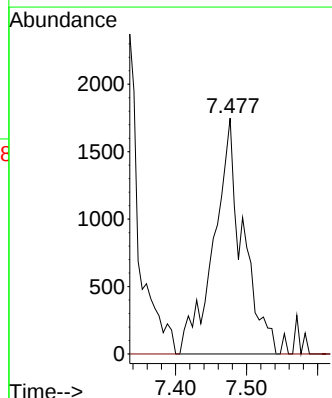
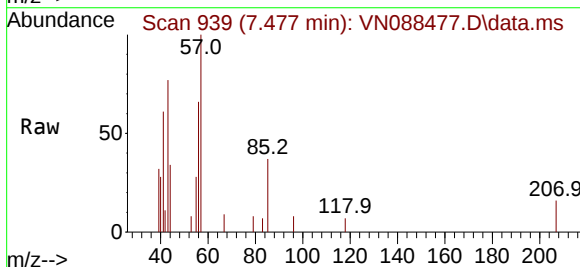
Acq: 09 Dec 2025 14:05

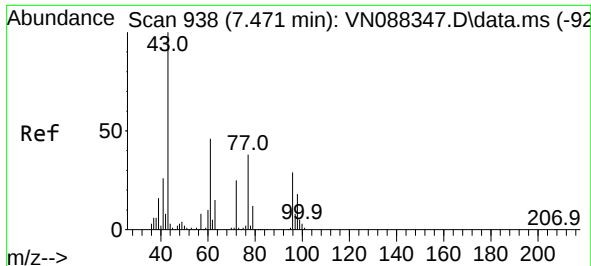
Tgt Ion: 43 Resp: 4931

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#

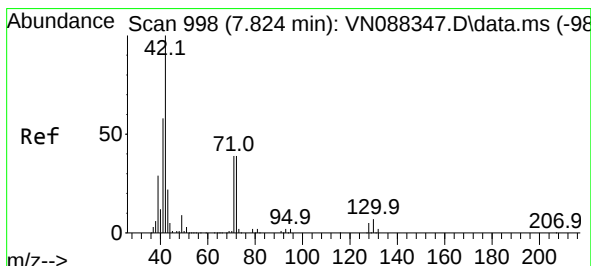
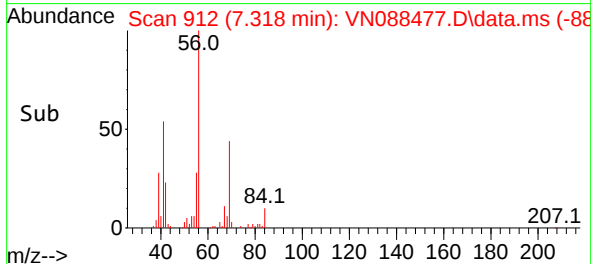
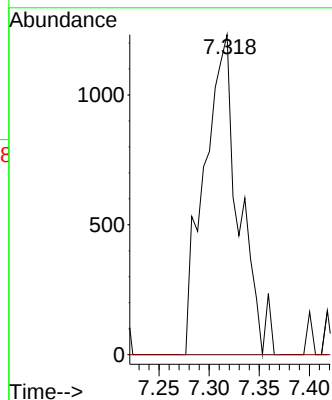
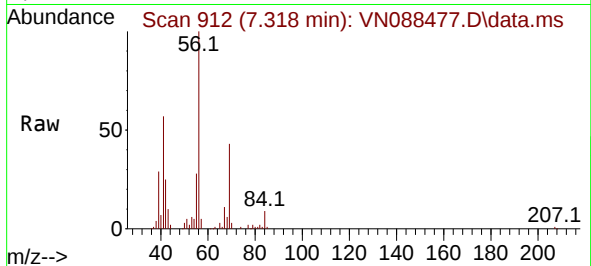




#26
2,2-Dichloropropane
Concen: 0.548 ug/l
RT: 7.318 min Scan# 91
Delta R.T. -0.153 min
Lab File: VN088477.D
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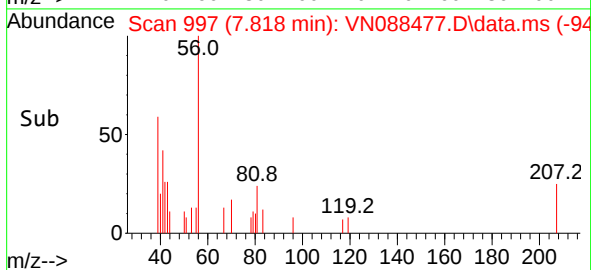
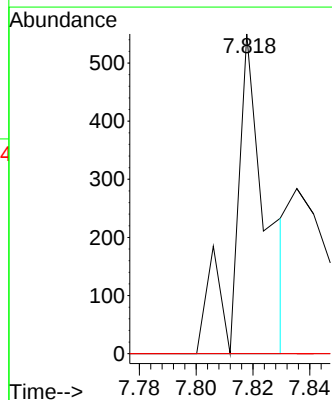
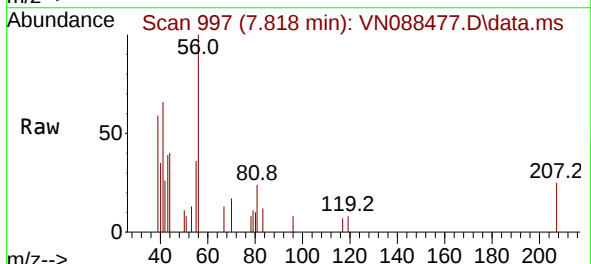
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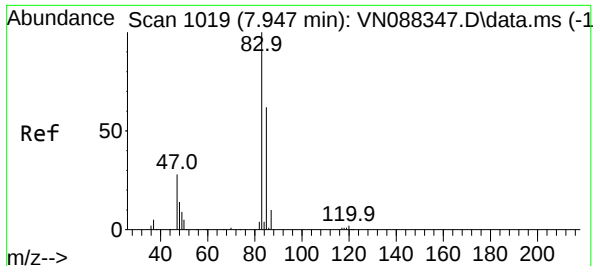
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Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#29
Tetrahydrofuran
Concen: 0.231 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 42 Resp: 416
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 0.0 31.1 46.7#





#30

Chloroform

Concen: 1.706 ug/l

RT: 7.912 min Scan# 1013

Delta R.T. -0.035 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

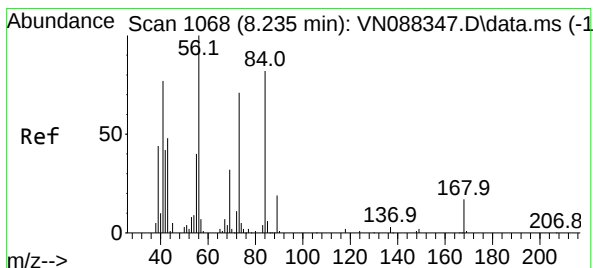
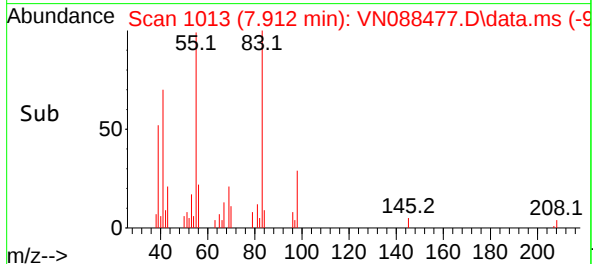
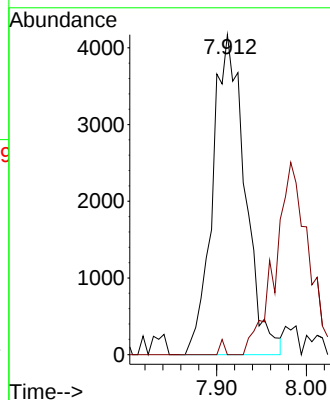
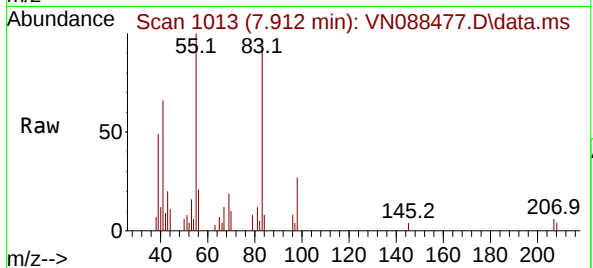
SB3A

Tgt Ion: 83 Resp: 10497

Ion Ratio Lower Upper

83 100

85 0.0 49.8 74.8#



#31

Cyclohexane

Concen: 48.314 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.029 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

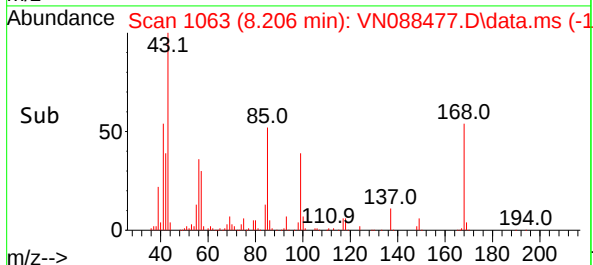
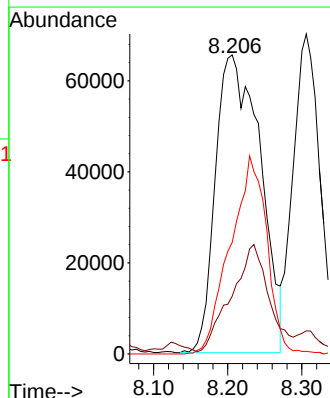
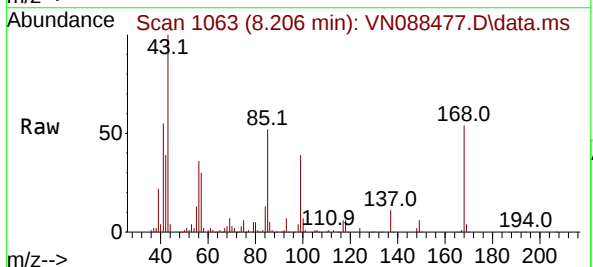
Tgt Ion: 56 Resp: 274230

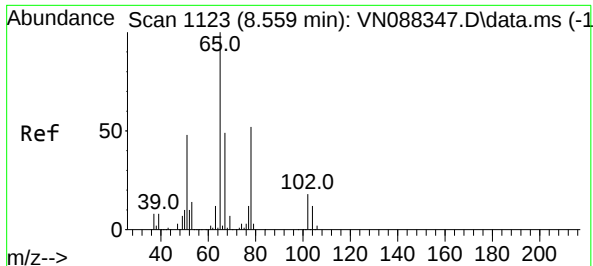
Ion Ratio Lower Upper

56 100

69 16.6 25.3 37.9#

84 37.4 65.4 98.2#





#33

1,2-Dichloroethane-d4

Concen: 59.595 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

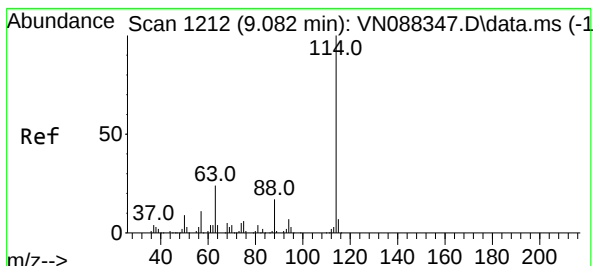
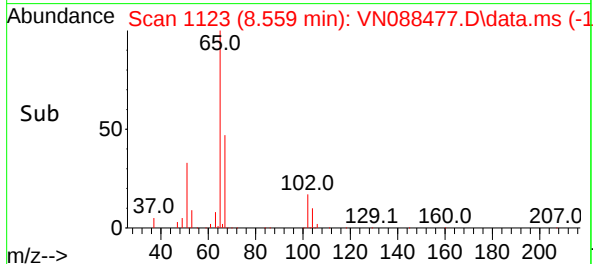
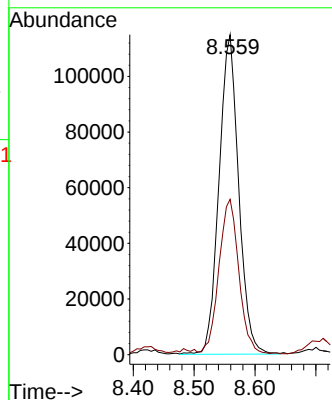
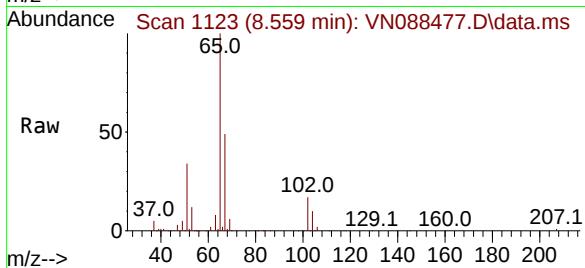
SB3A

Tgt Ion: 65 Resp: 257201

Ion Ratio Lower Upper

65 100

67 48.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

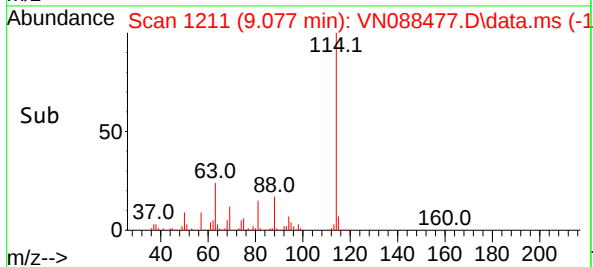
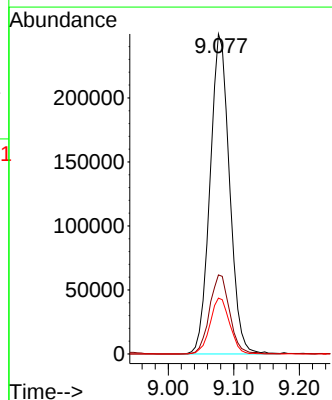
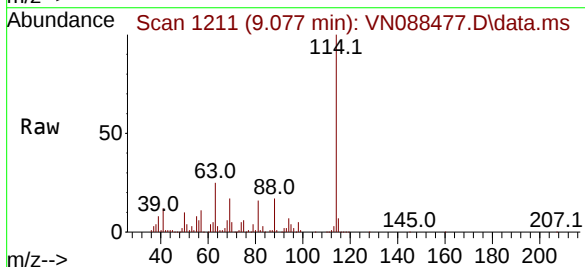
Tgt Ion: 114 Resp: 515203

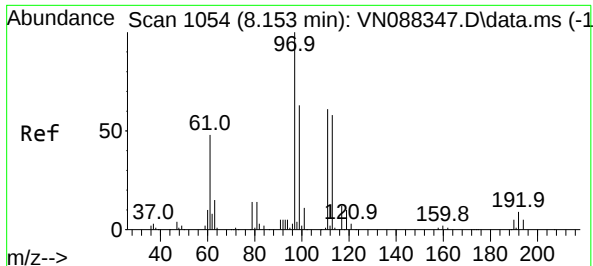
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.0

88 17.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.478 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

SB3A

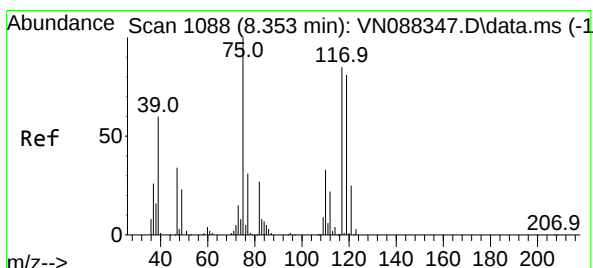
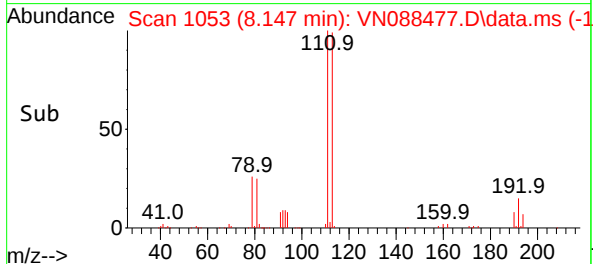
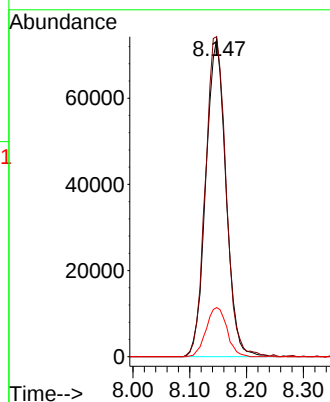
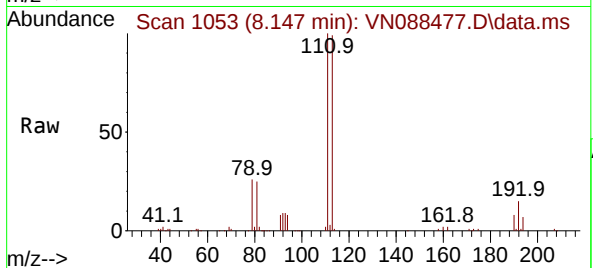
Tgt Ion:113 Resp: 180222

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 16.1 12.8 19.2



#36

1,1-Dichloropropene

Concen: 4.458 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

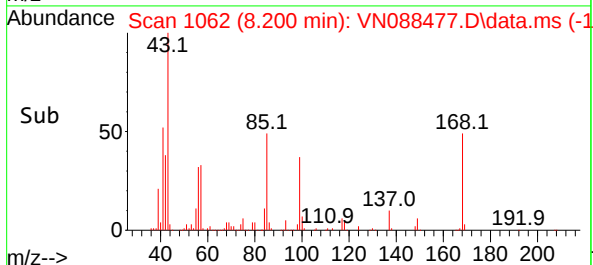
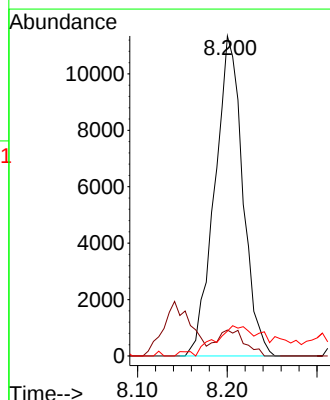
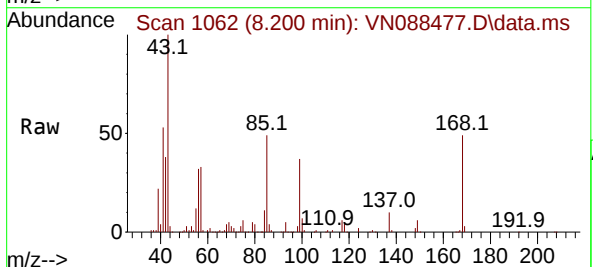
Tgt Ion: 75 Resp: 24562

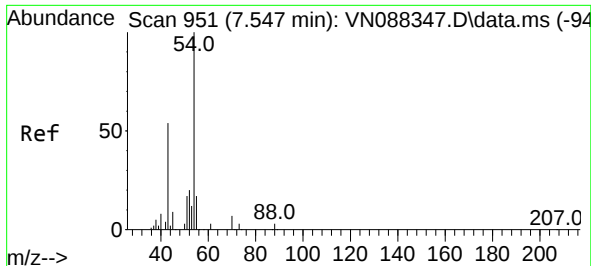
Ion Ratio Lower Upper

75 100

110 8.2 15.8 47.4#

77 19.5 24.2 36.2#





#37

Ethyl Acetate

Concen: 0.681 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.071 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

SB3A

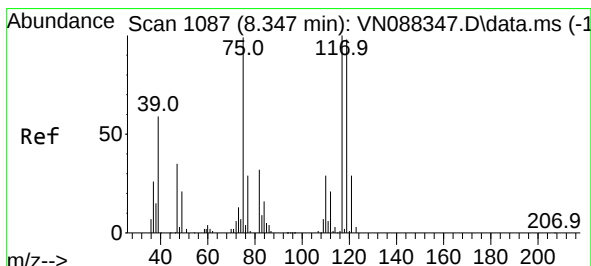
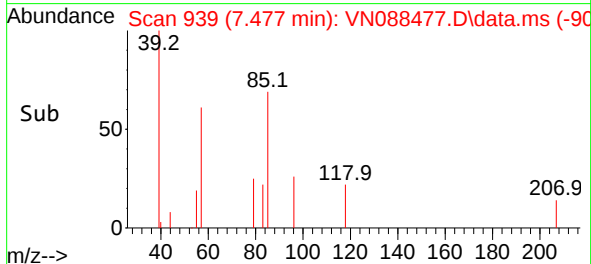
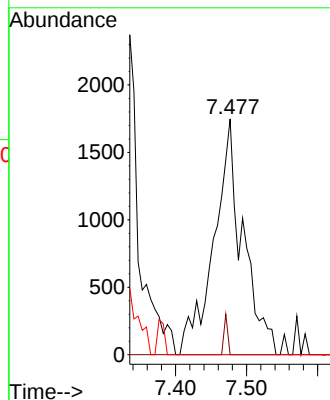
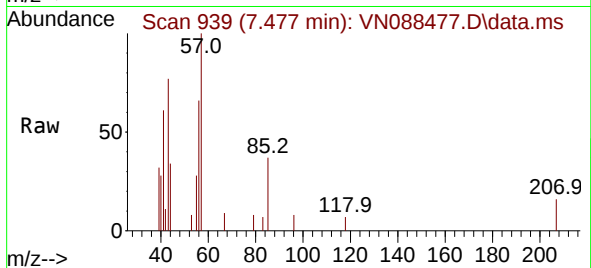
Tgt Ion: 43 Resp: 4931

Ion Ratio Lower Upper

43 100

61 2.1 9.5 14.3#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.105 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.147 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

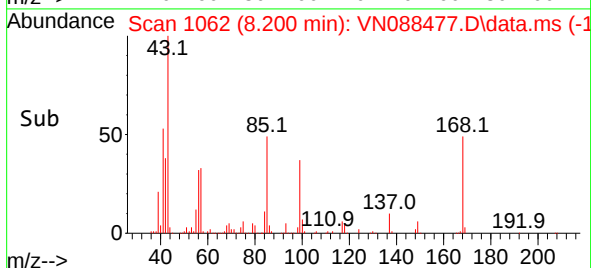
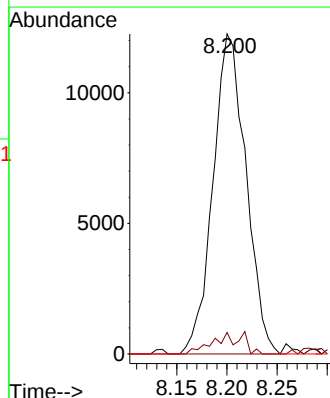
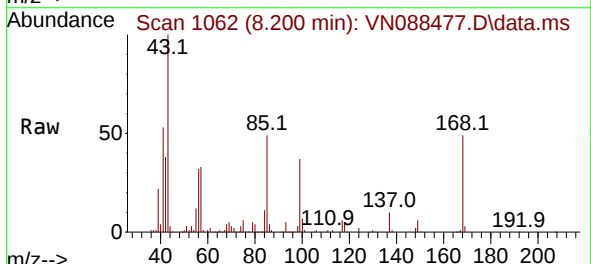
Tgt Ion: 117 Resp: 28004

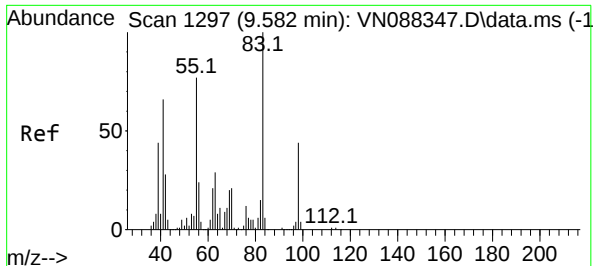
Ion Ratio Lower Upper

117 100

119 6.7 78.2 117.4#

121 0.0 23.4 35.2#





#39

Methylcyclohexane

Concen: 148.888 ug/l

RT: 9.577 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

SB3A

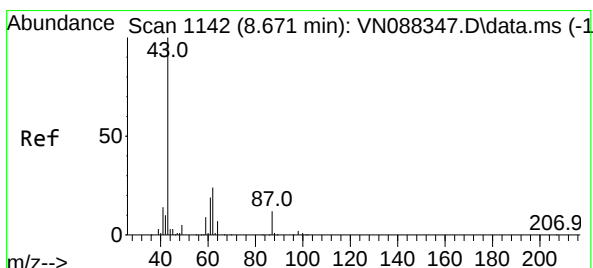
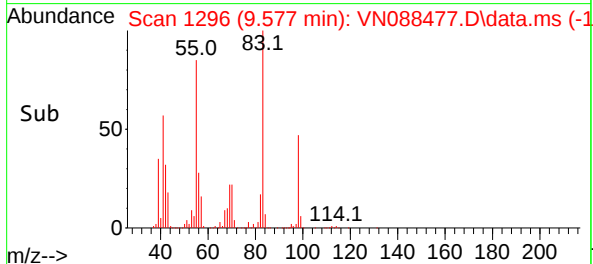
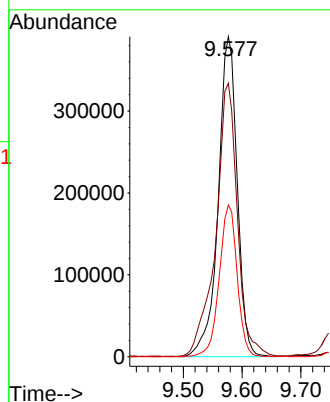
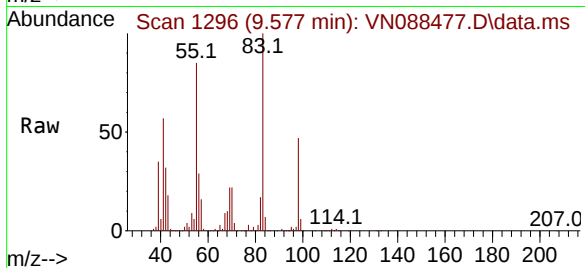
Tgt Ion: 83 Resp: 877529

Ion Ratio Lower Upper

83 100

55 85.3 61.6 92.4

98 47.4 35.3 52.9



#43

Isopropyl Acetate

Concen: 6.172 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

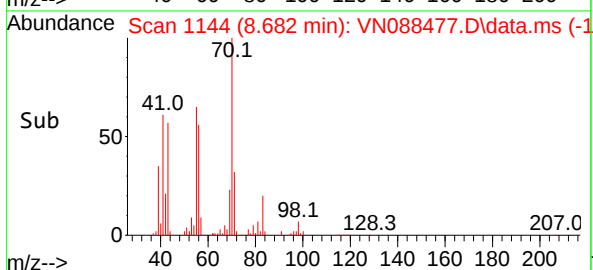
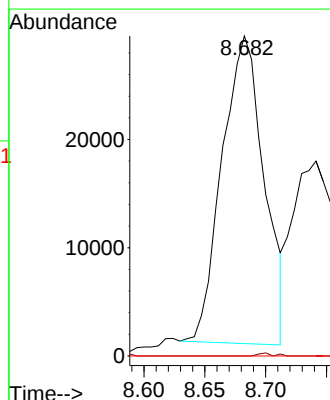
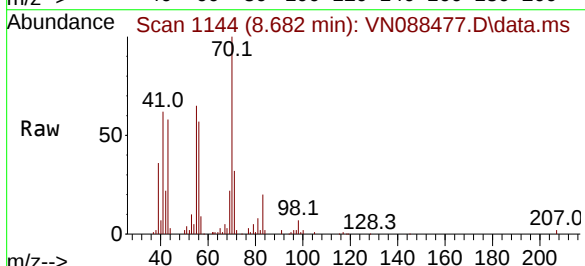
Tgt Ion: 43 Resp: 68320

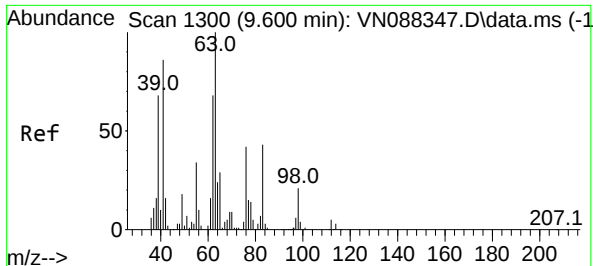
Ion Ratio Lower Upper

43 100

61 0.3 18.7 28.1#

87 0.0 9.1 13.7#





#45

1,2-Dichloropropane

Concen: 3.535 ug/l

RT: 9.577 min Scan# 1

Delta R.T. -0.023 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

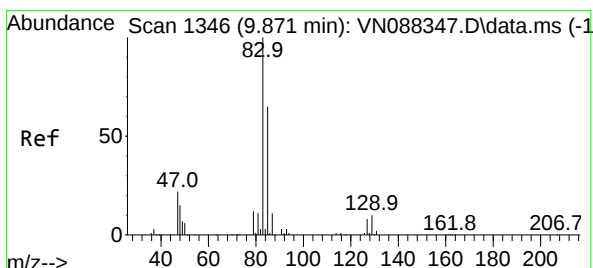
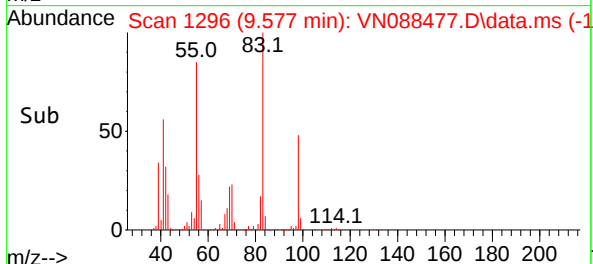
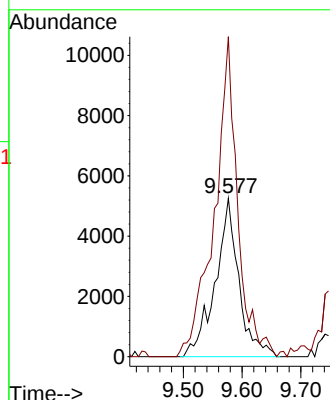
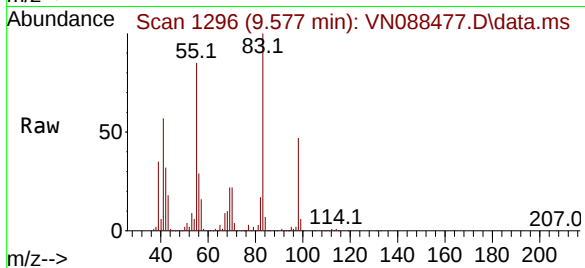
SB3A

Tgt Ion: 63 Resp: 14647

Ion Ratio Lower Upper

63 100

65 198.9 23.0 34.4#



#47

Bromodichloromethane

Concen: 4.399 ug/l

RT: 9.841 min Scan# 1341

Delta R.T. -0.029 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

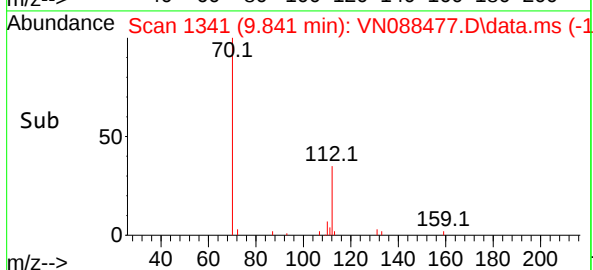
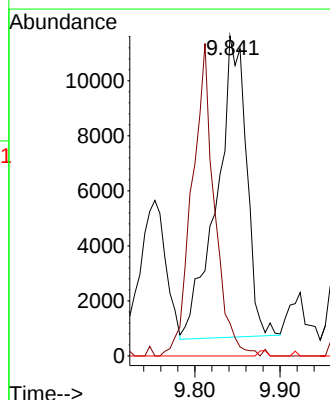
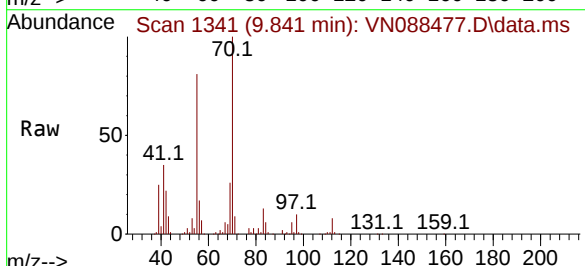
Tgt Ion: 83 Resp: 26539

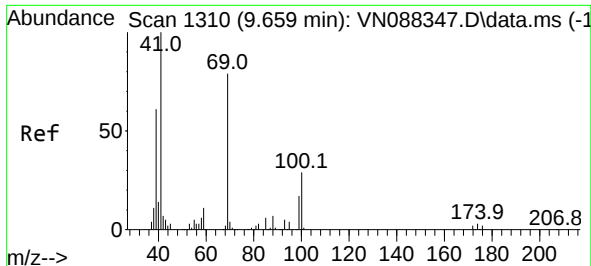
Ion Ratio Lower Upper

83 100

85 11.0 51.9 77.9#

127 0.0 6.3 9.5#





#48

Methyl methacrylate

Concen: 132.971 ug/l

RT: 9.577 min Scan# 1

Delta R.T. -0.082 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

SB3A

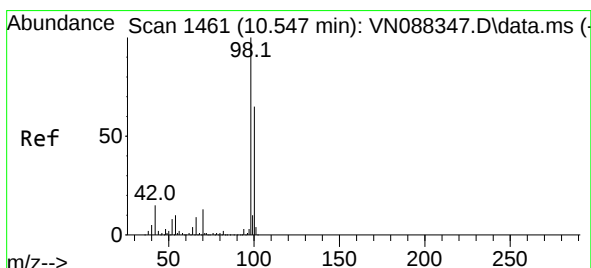
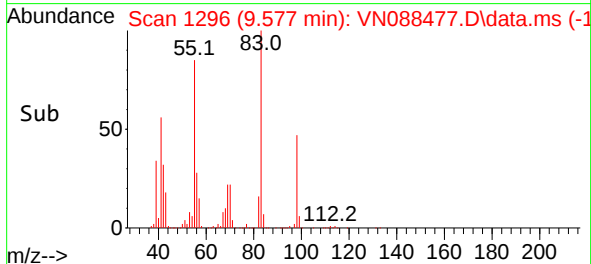
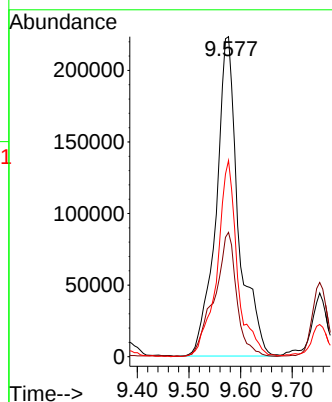
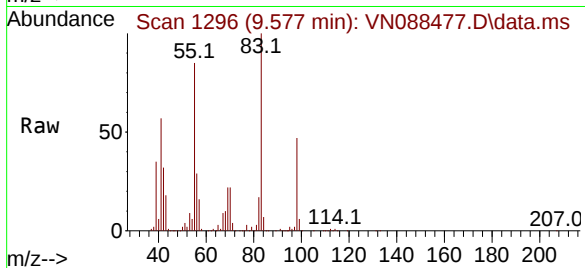
Tgt Ion: 41 Resp: 671608

Ion Ratio Lower Upper

41 100

69 38.8 62.4 93.6#

39 55.6 52.6 79.0



#50

Toluene-d8

Concen: 56.528 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088477.D

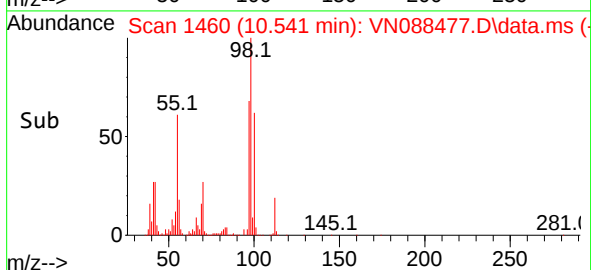
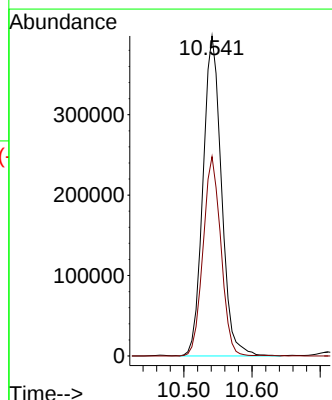
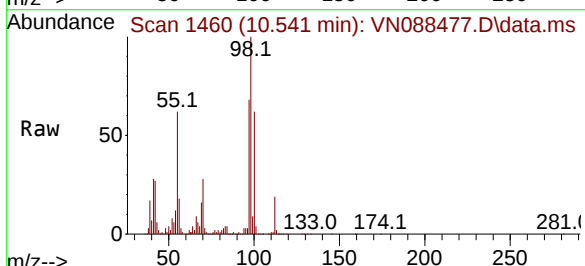
Acq: 09 Dec 2025 14:05

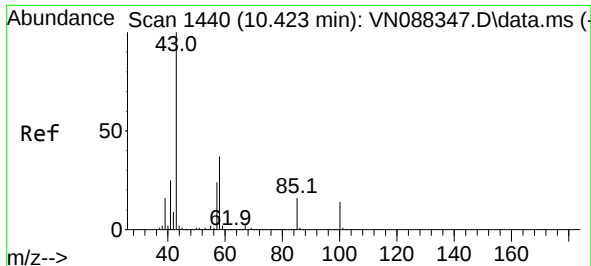
Tgt Ion: 98 Resp: 750946

Ion Ratio Lower Upper

98 100

100 59.9 52.2 78.2

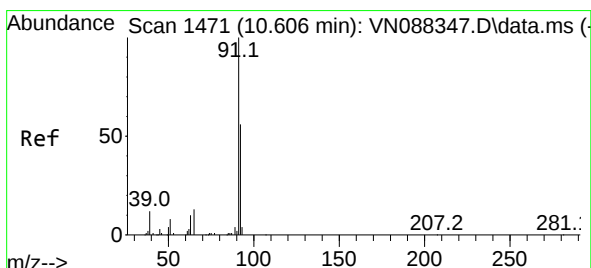
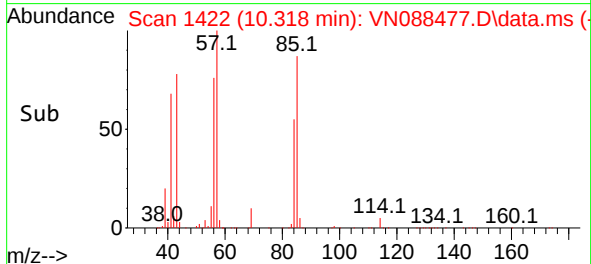
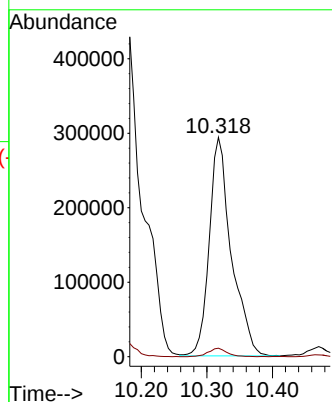
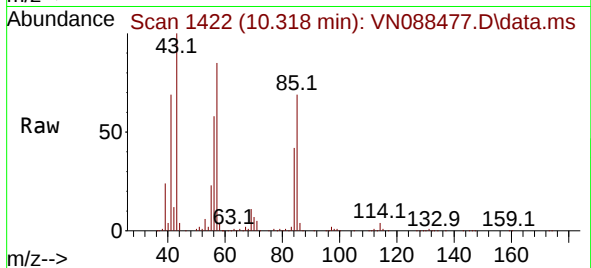




#51
4-Methyl-2-Pentanone
Concen: 105.411 ug/l
RT: 10.318 min Scan# 1440
Delta R.T. -0.106 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

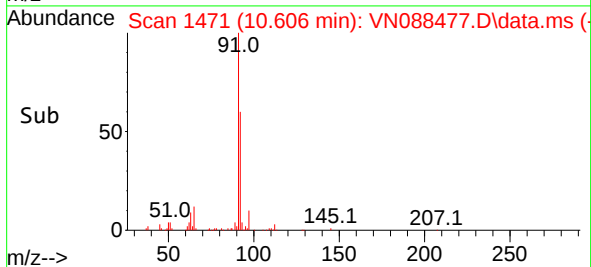
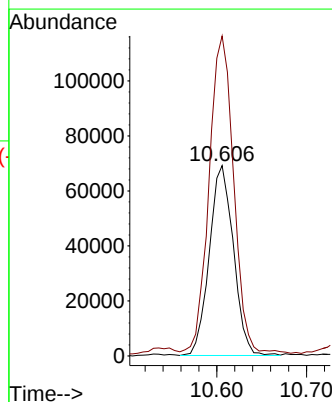
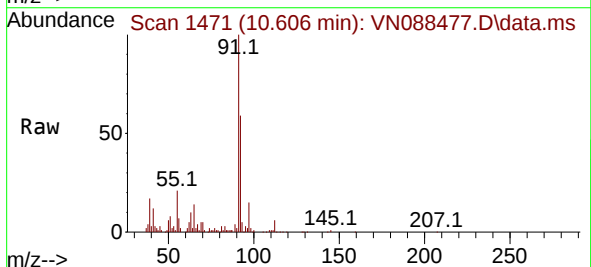
Instrument :
MSVOA_N
ClientSampleId :
SB3A

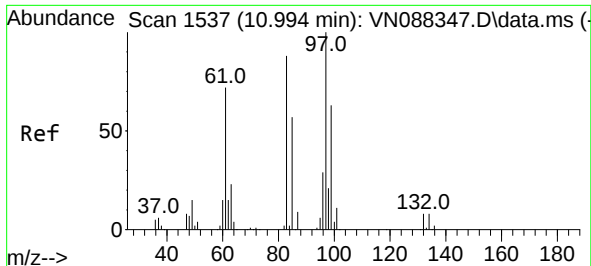
Tgt Ion: 43 Resp: 687795
Ion Ratio Lower Upper
43 100
58 3.3 29.1 43.7#



#52
Toluene
Concen: 13.799 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 92 Resp: 128860
Ion Ratio Lower Upper
92 100
91 171.1 140.2 210.2

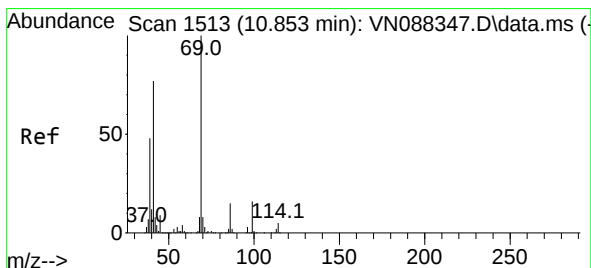
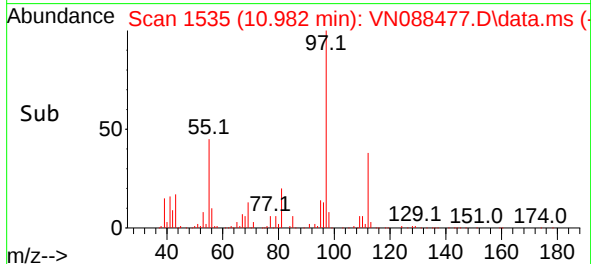
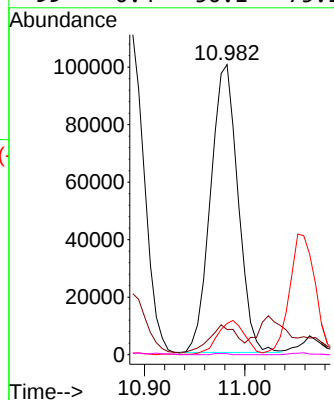
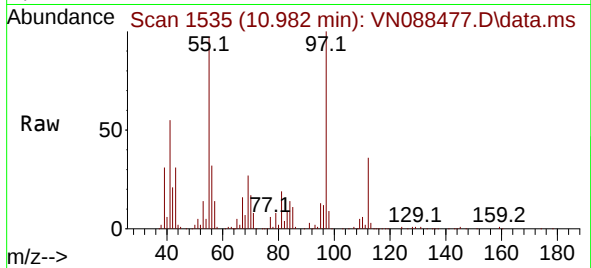




#55
1,1,2-Trichloroethane
Concen: 52.609 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.012 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

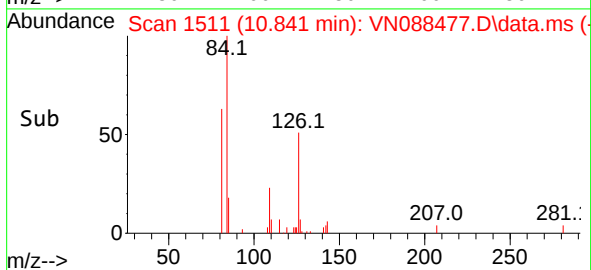
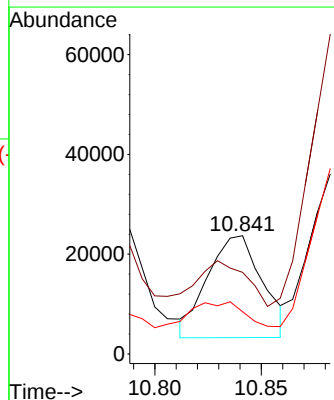
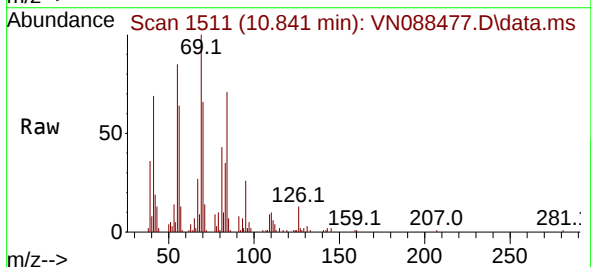
Instrument :
MSVOA_N
ClientSampleId :
SB3A

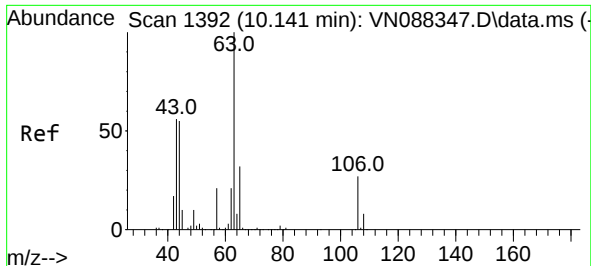
Tgt Ion: 97 Resp: 190074
Ion Ratio Lower Upper
97 100
83 8.2 70.4 105.6#
85 10.8 45.4 68.2#
99 0.4 50.1 75.1#



#56
Ethyl methacrylate
Concen: 6.374 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.012 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 69 Resp: 36378
Ion Ratio Lower Upper
69 100
41 57.3 59.6 89.4#
39 36.0 36.4 54.6#

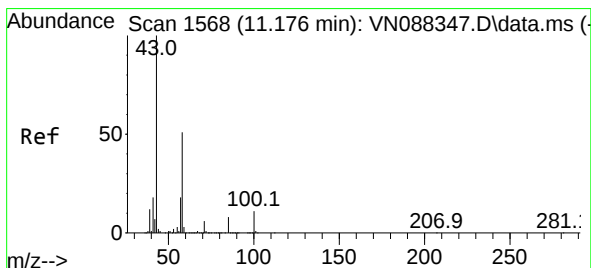
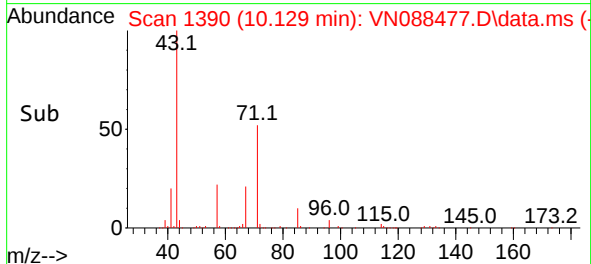
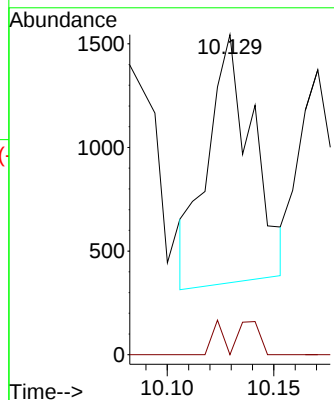
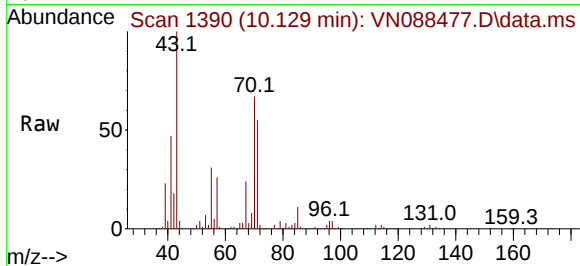




#58
2-Chloroethyl Vinyl ether
Concen: 0.535 ug/l
RT: 10.129 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

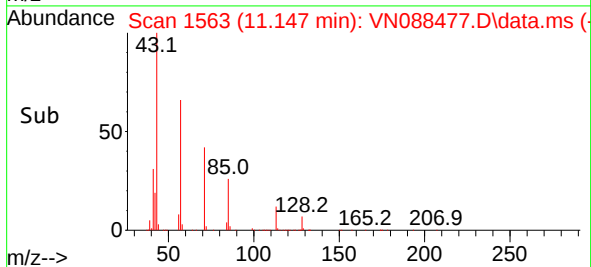
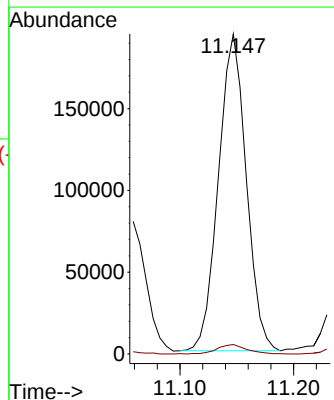
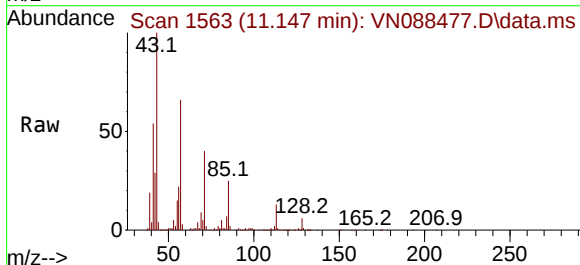
Instrument :
MSVOA_N
ClientSampleId :
SB3A

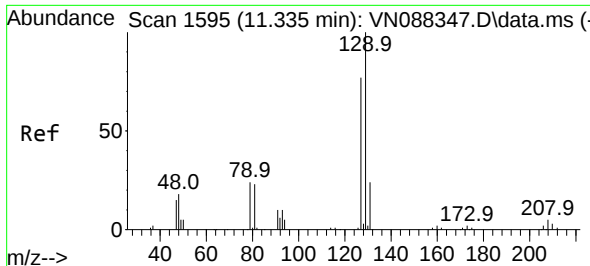
Tgt Ion: 63 Resp: 1760
Ion Ratio Lower Upper
63 100
106 9.7 20.5 30.7#



#59
2-Hexanone
Concen: 80.129 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. -0.029 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 43 Resp: 329360
Ion Ratio Lower Upper
43 100
58 3.2 25.3 75.9#

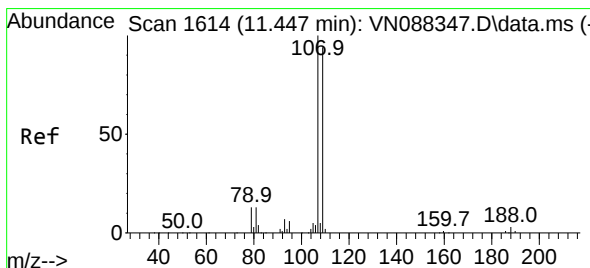
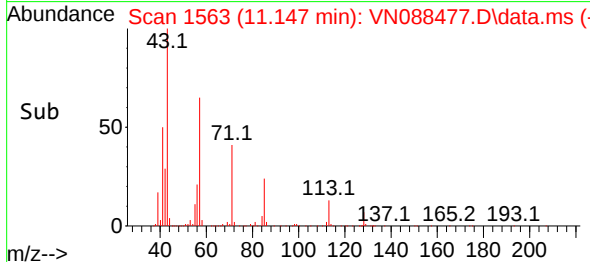
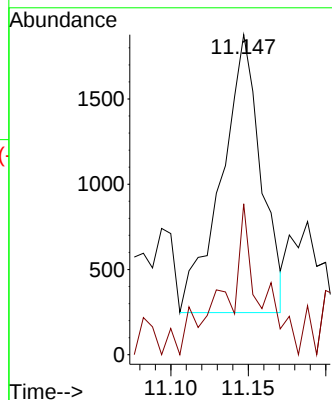
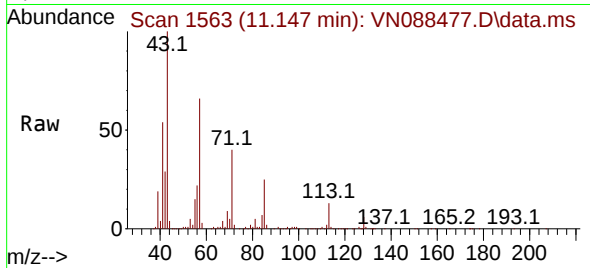




#60
 Dibromochloromethane
 Concen: 0.701 ug/l
 RT: 11.147 min Scan# 1563
 Delta R.T. -0.188 min
 Lab File: VN088477.D
 Acq: 09 Dec 2025 14:05

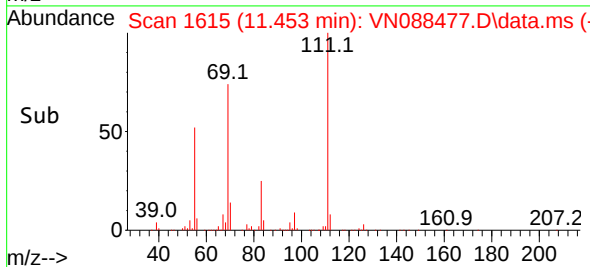
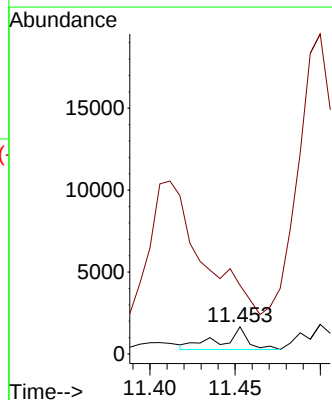
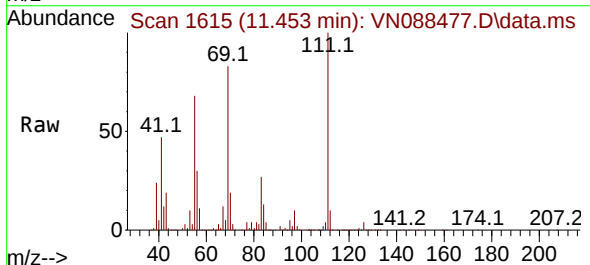
Instrument :
 MSVOA_N
 ClientSampleId :
 SB3A

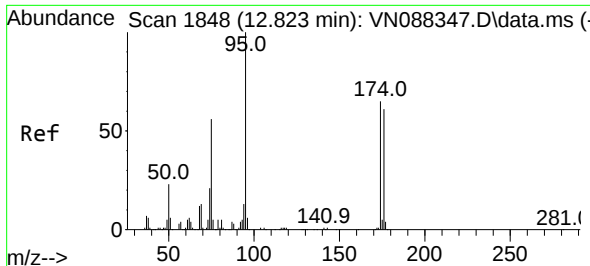
Tgt Ion:129 Resp: 2889
 Ion Ratio Lower Upper
 129 100
 127 50.4 38.2 114.6



#61
 1,2-Dibromoethane
 Concen: 0.412 ug/l
 RT: 11.453 min Scan# 1615
 Delta R.T. 0.006 min
 Lab File: VN088477.D
 Acq: 09 Dec 2025 14:05

Tgt Ion:107 Resp: 1506
 Ion Ratio Lower Upper
 107 100
 109 0.0 74.6 112.0#

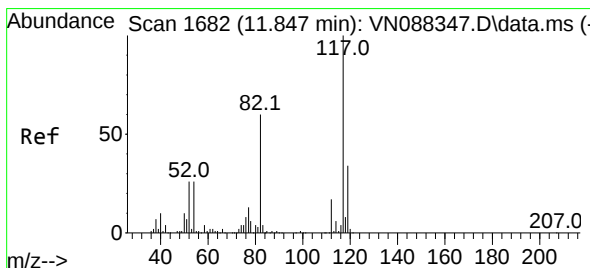
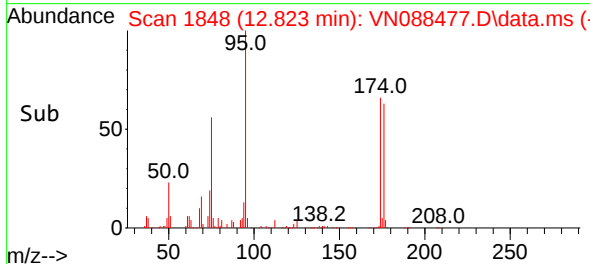
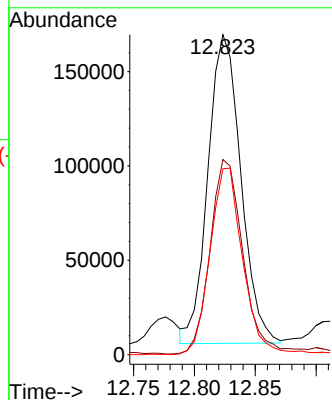
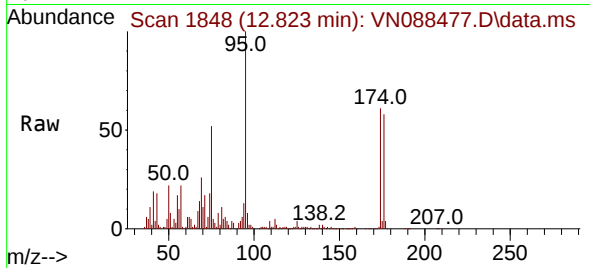




#62
4-Bromofluorobenzene
Concen: 67.437 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

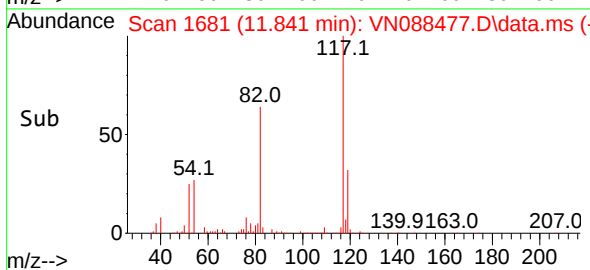
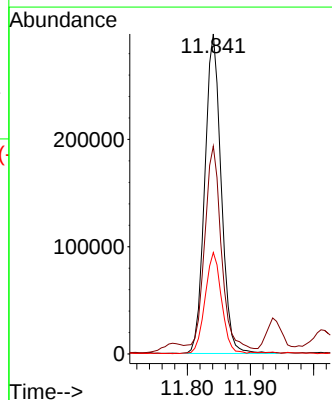
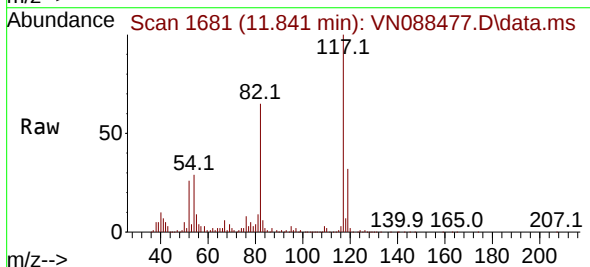
Instrument :
MSVOA_N
ClientSampleId :
SB3A

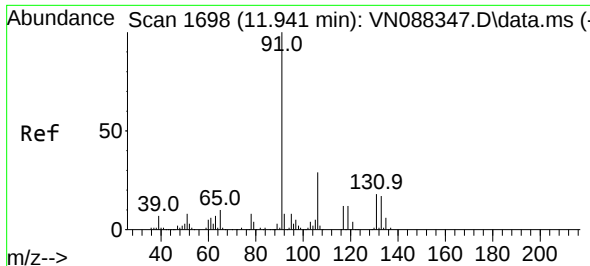
Tgt Ion: 95 Resp: 307388
Ion Ratio Lower Upper
95 100
174 63.4 0.0 139.0
176 60.4 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 117 Resp: 538236
Ion Ratio Lower Upper
117 100
82 62.1 47.8 71.8
119 31.6 26.9 40.3





#67

Ethyl Benzene

Concen: 19.925 ug/l

RT: 11.935 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

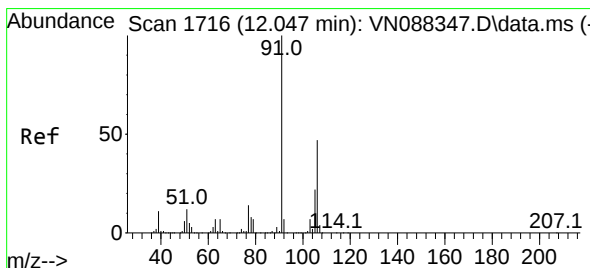
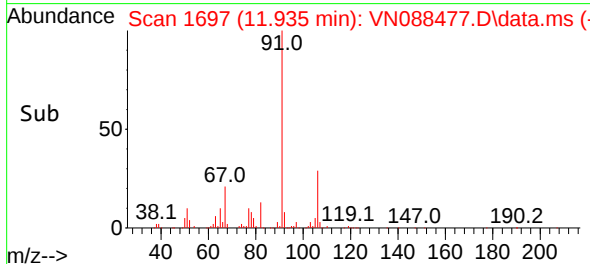
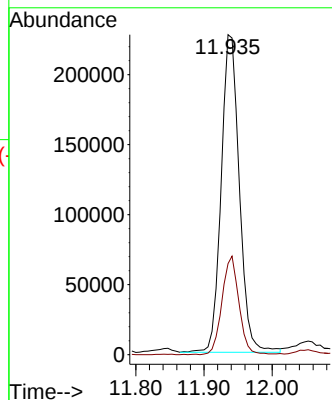
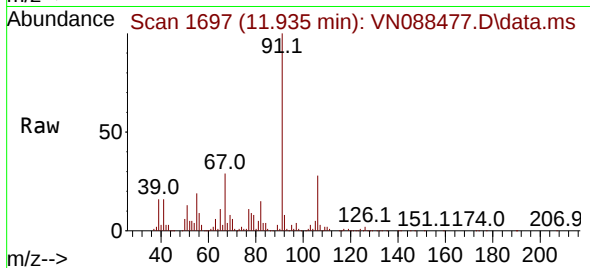
SB3A

Tgt Ion: 91 Resp: 421017

Ion Ratio Lower Upper

91 100

106 28.6 23.6 35.4



#68

m/p-Xylenes

Concen: 0.886 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN088477.D

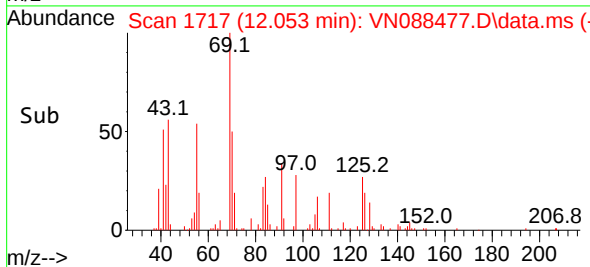
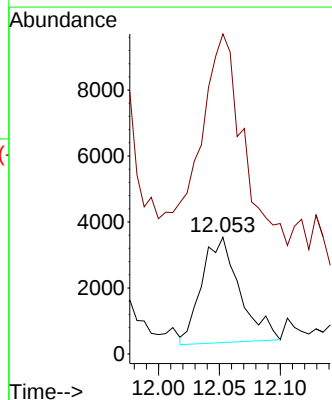
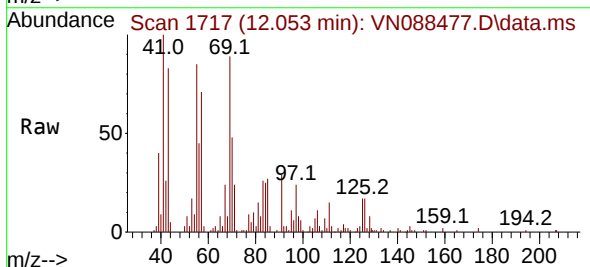
Acq: 09 Dec 2025 14:05

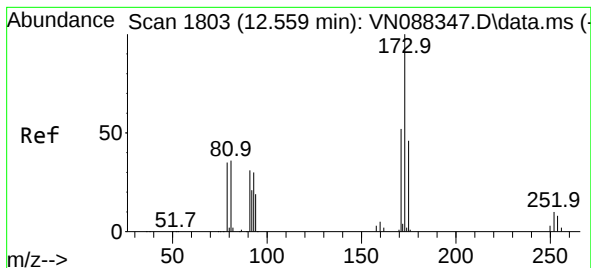
Tgt Ion:106 Resp: 6939

Ion Ratio Lower Upper

106 100

91 242.8 167.8 251.6





#71

Bromoform

Concen: 0.437 ug/l

RT: 12.553 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

SB3A

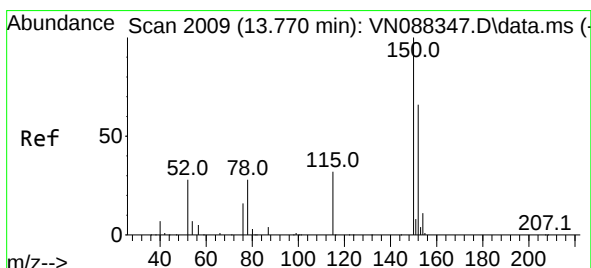
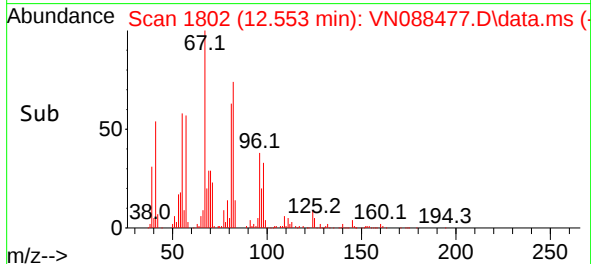
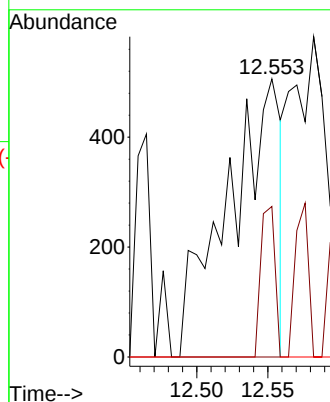
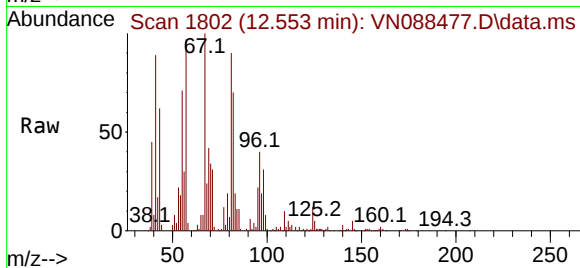
Tgt Ion:173 Resp: 1305

Ion Ratio Lower Upper

173 100

175 0.0 23.9 71.8#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.765 min Scan# 2008

Delta R.T. -0.006 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

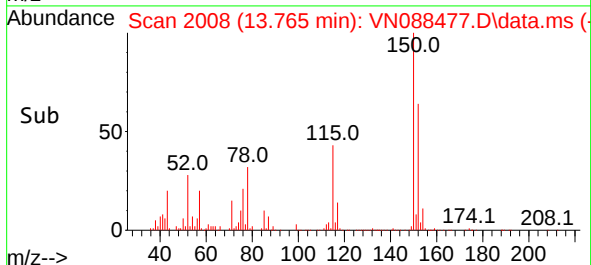
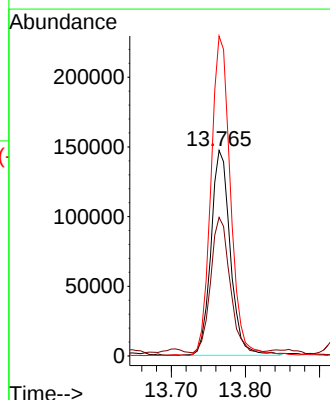
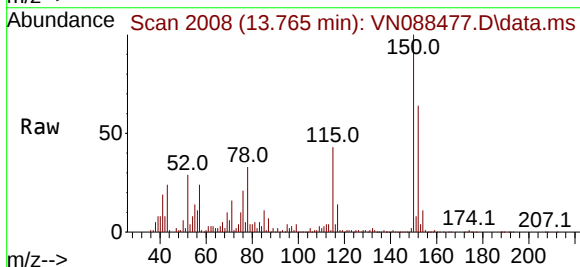
Tgt Ion:152 Resp: 266826

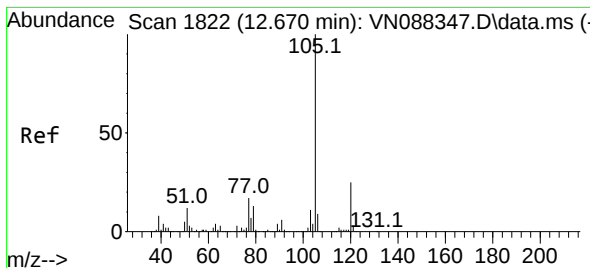
Ion Ratio Lower Upper

152 100

115 65.9 33.0 98.9

150 157.3 0.0 349.0





#73

Isopropylbenzene

Concen: 12.848 ug/l

RT: 12.670 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

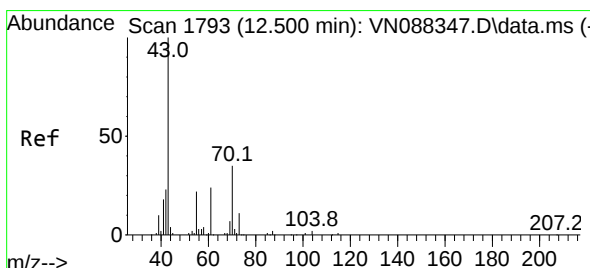
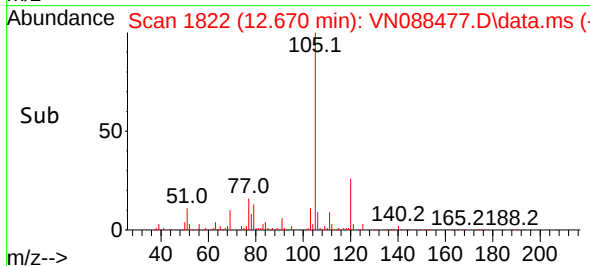
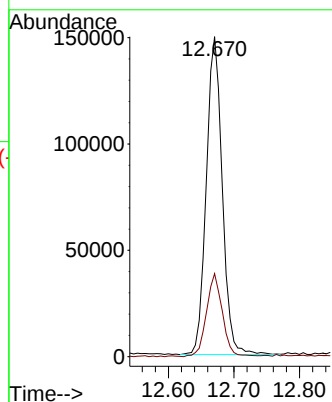
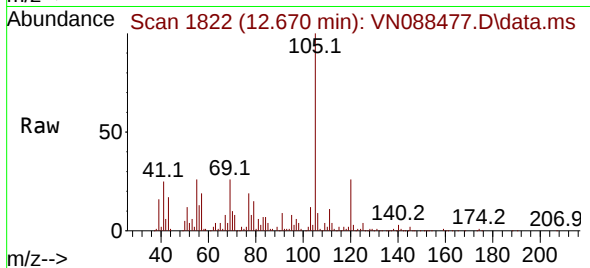
SB3A

Tgt Ion:105 Resp: 253478

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.3



#74

N-ethyl acetate

Concen: 33.837 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.041 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Tgt Ion: 43 Resp: 227341

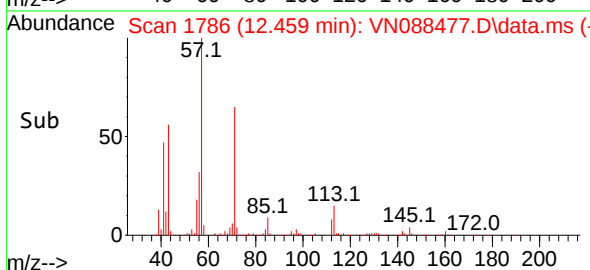
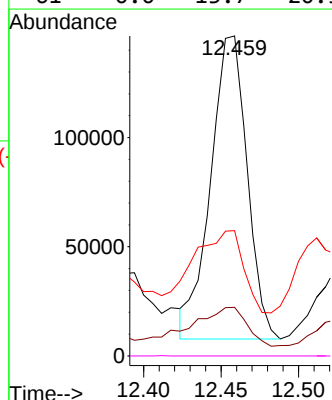
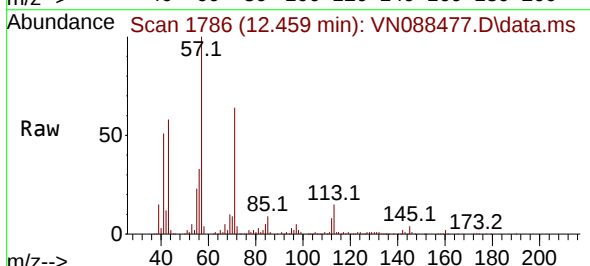
Ion Ratio Lower Upper

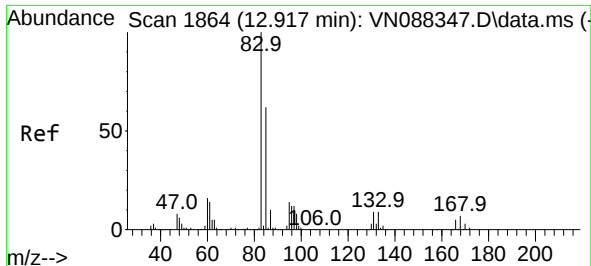
43 100

70 19.0 28.3 42.5#

55 37.8 17.7 26.5#

61 0.0 13.7 20.5#

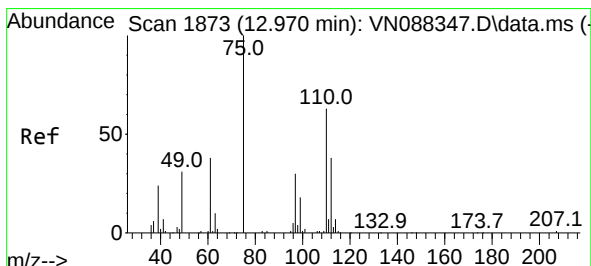
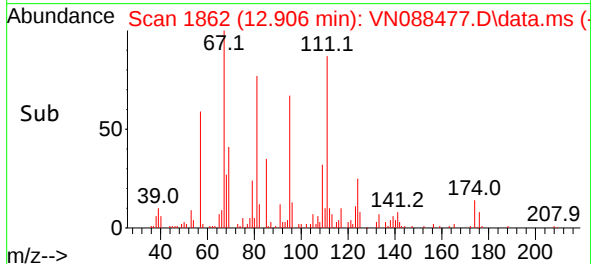
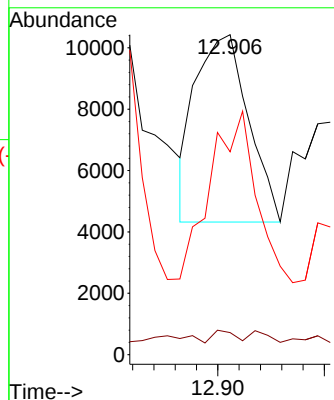
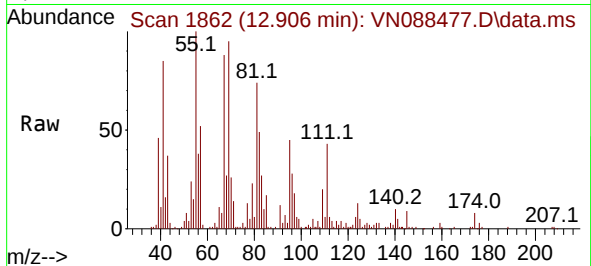




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.647 ug/l
 RT: 12.906 min Scan# 1862
 Delta R.T. -0.012 min
 Lab File: VN088477.D
 Acq: 09 Dec 2025 14:05

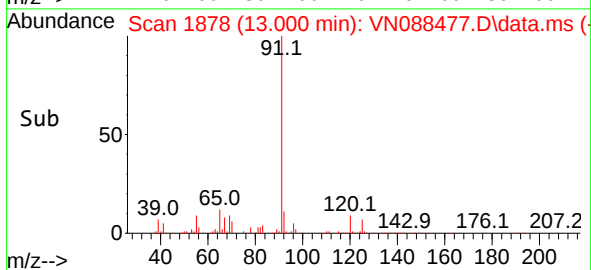
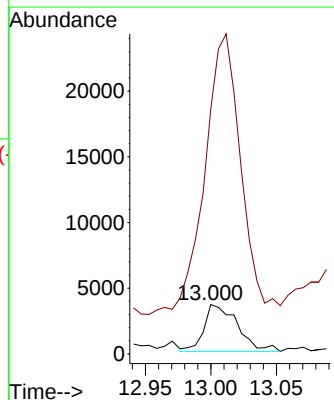
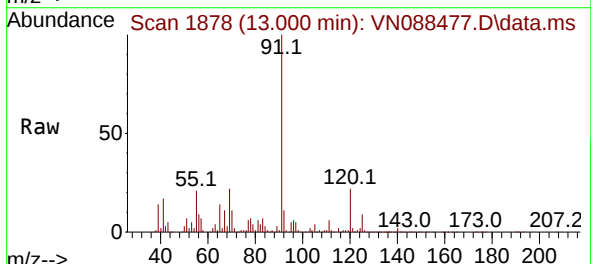
Instrument :
 MSVOA_N
 ClientSampleId :
 SB3A

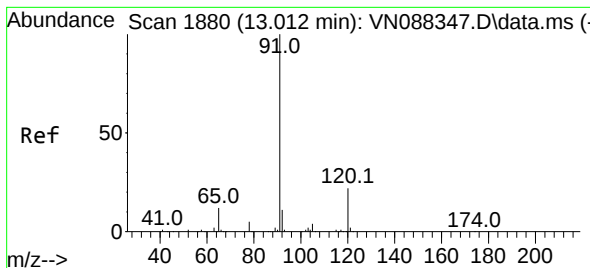
Tgt Ion: 83 Resp: 10503
 Ion Ratio Lower Upper
 83 100
 131 2.8 4.8 14.4#
 85 105.7 32.1 96.5#



#76
 1,2,3-Trichloropropane
 Concen: 1.016 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.029 min
 Lab File: VN088477.D
 Acq: 09 Dec 2025 14:05

Tgt Ion: 75 Resp: 6349
 Ion Ratio Lower Upper
 75 100
 77 646.6 87.2 261.6#





#78

n-propylbenzene

Concen: 31.857 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

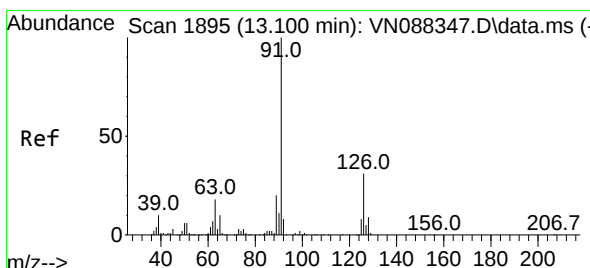
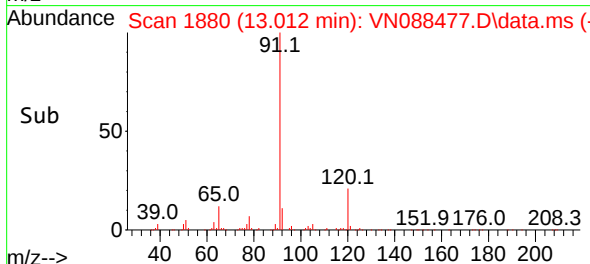
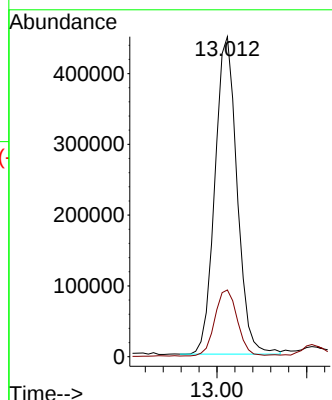
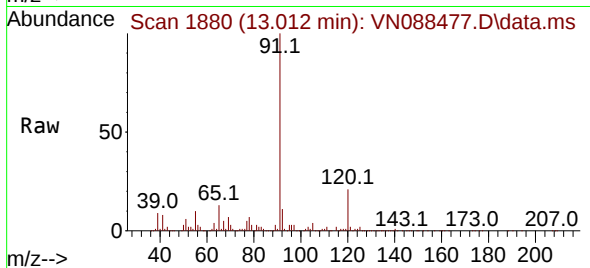
SB3A

Tgt Ion: 91 Resp: 768892

Ion Ratio Lower Upper

91 100

120 21.2 10.9 32.6



#79

2-Chlorotoluene

Concen: 1.672 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN088477.D

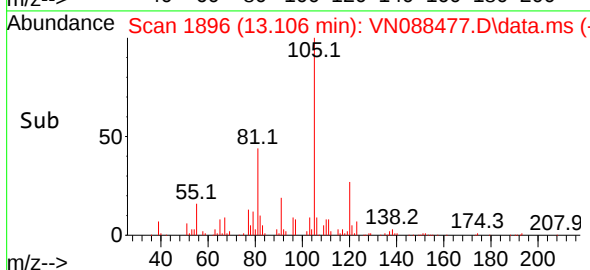
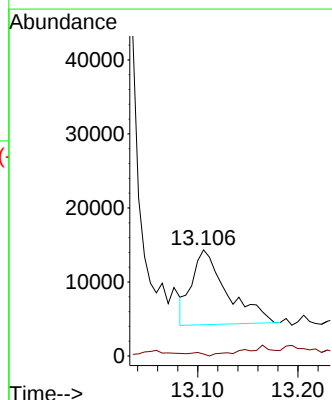
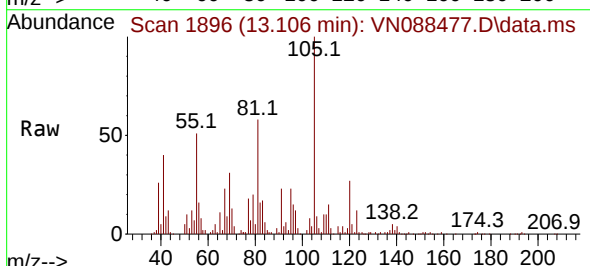
Acq: 09 Dec 2025 14:05

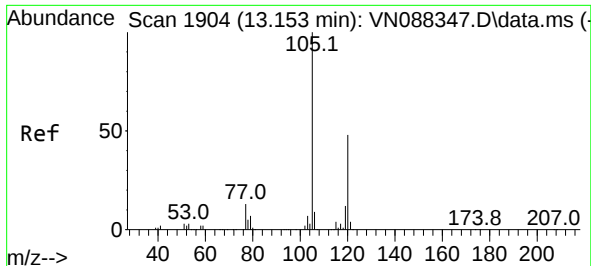
Tgt Ion: 91 Resp: 24638

Ion Ratio Lower Upper

91 100

126 1.6 15.3 45.9#

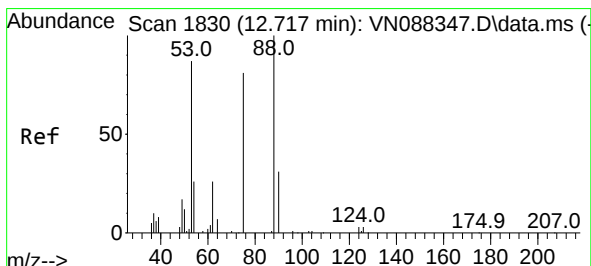
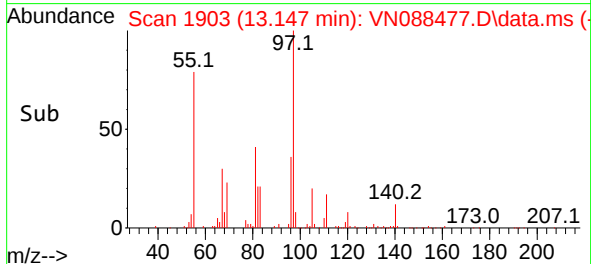
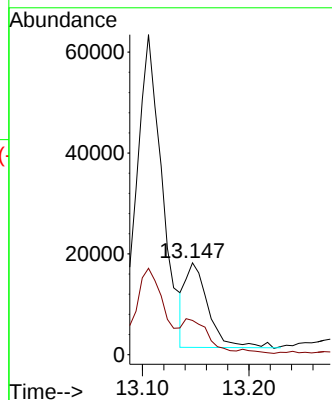
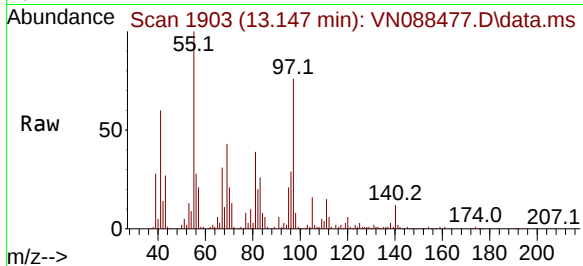




#80
1,3,5-Trimethylbenzene
Concen: 1.541 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

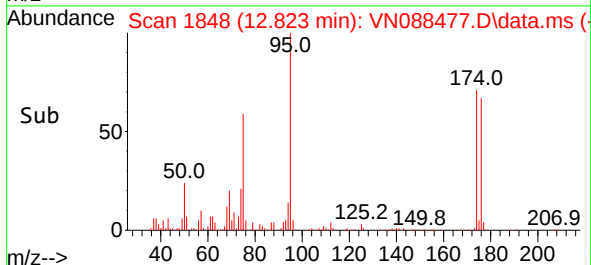
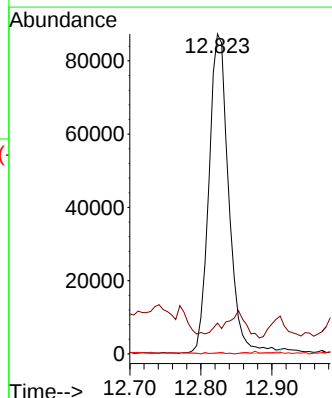
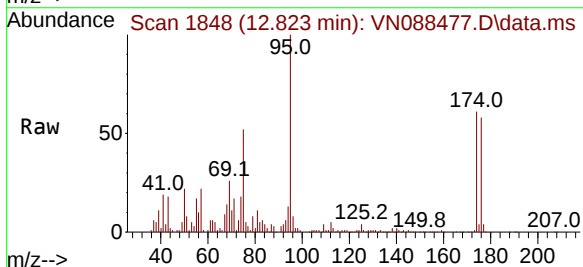
Instrument :
MSVOA_N
ClientSampleId :
SB3A

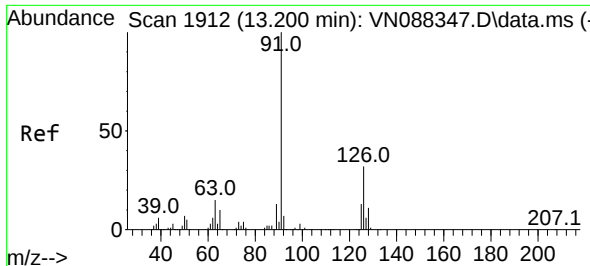
Tgt Ion:105 Resp: 25193
Ion Ratio Lower Upper
105 100
120 36.5 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 76.760 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.106 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 75 Resp: 169096
Ion Ratio Lower Upper
75 100
53 0.0 92.2 138.4#
89 0.3 0.0 0.0#

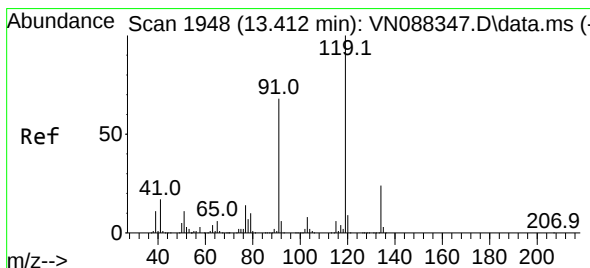
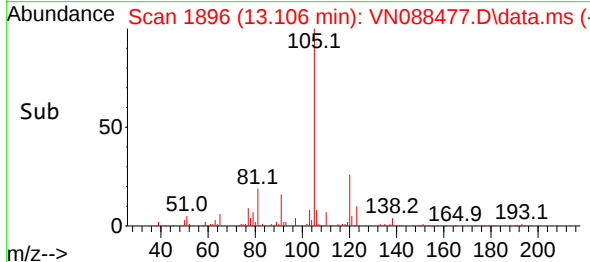
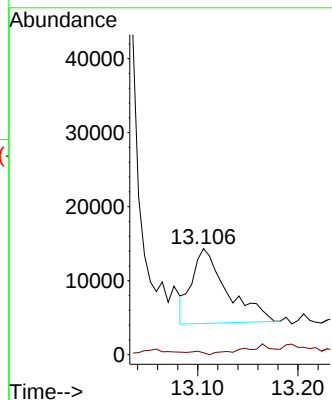
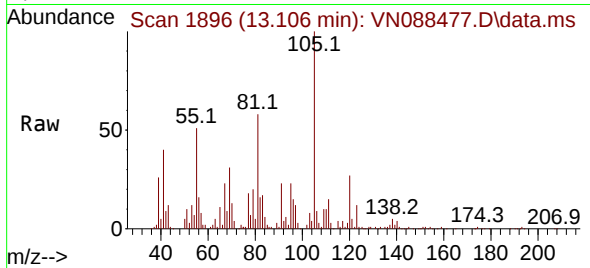




#82
4-Chlorotoluene
Concen: 1.683 ug/l
RT: 13.106 min Scan# 11
Delta R.T. -0.094 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

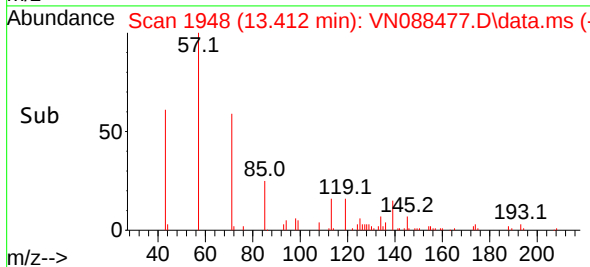
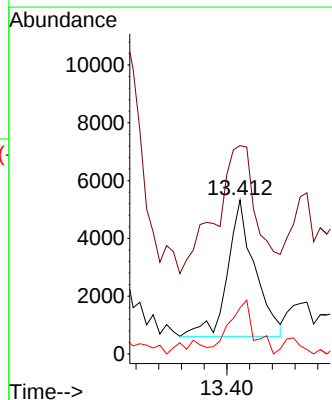
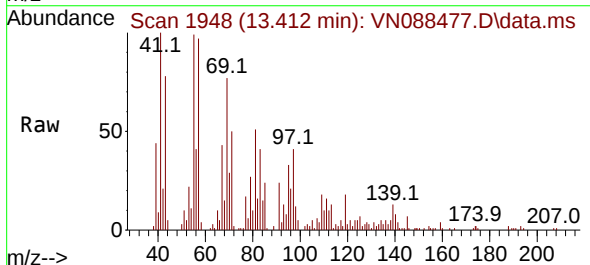
Instrument :
MSVOA_N
ClientSampleId :
SB3A

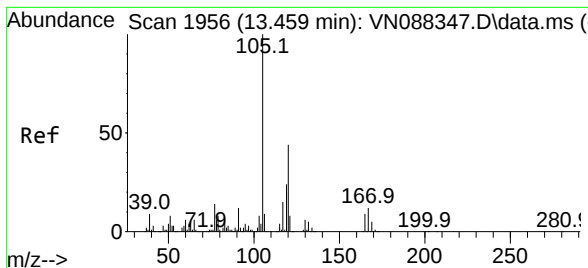
Tgt Ion: 91 Resp: 24638
Ion Ratio Lower Upper
91 100
126 1.6 15.6 46.7#



#83
tert-Butylbenzene
Concen: 0.566 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 119 Resp: 7862
Ion Ratio Lower Upper
119 100
91 138.2 35.1 105.3#
134 36.0 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.343 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

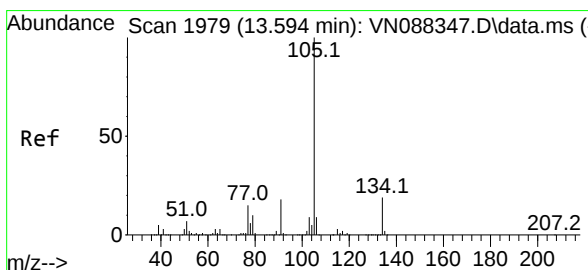
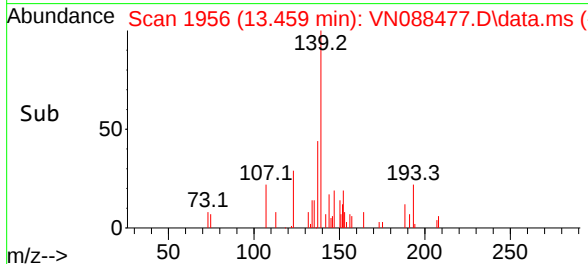
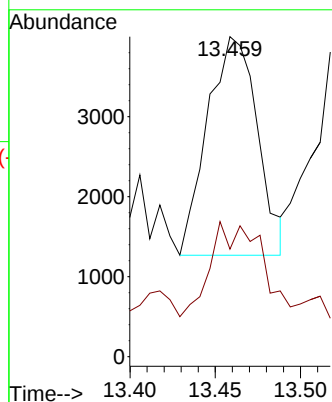
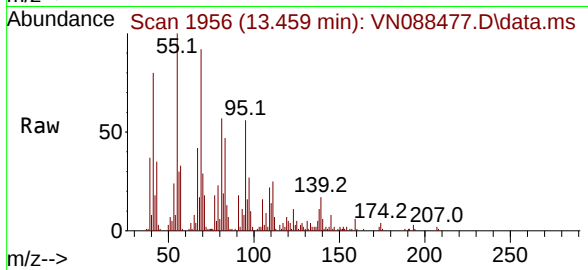
SB3A

Tgt Ion:105 Resp: 5572

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.1



#85

sec-Butylbenzene

Concen: 5.038 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN088477.D

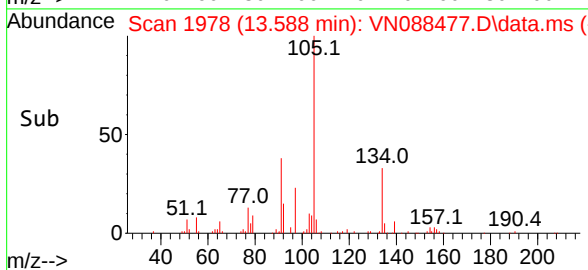
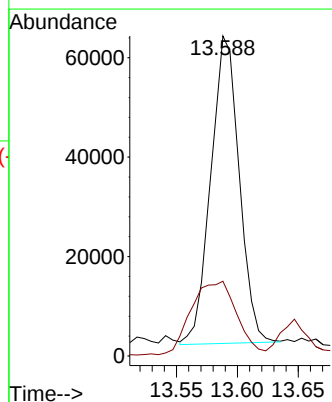
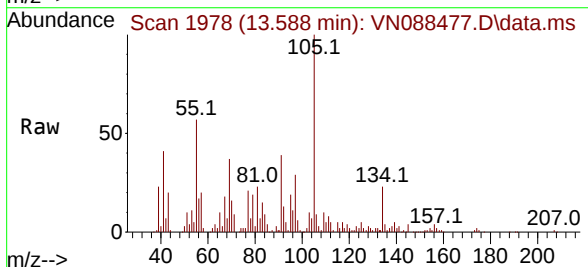
Acq: 09 Dec 2025 14:05

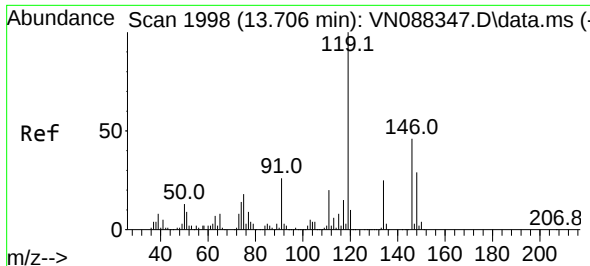
Tgt Ion:105 Resp: 100579

Ion Ratio Lower Upper

105 100

134 38.8 9.5 28.5#

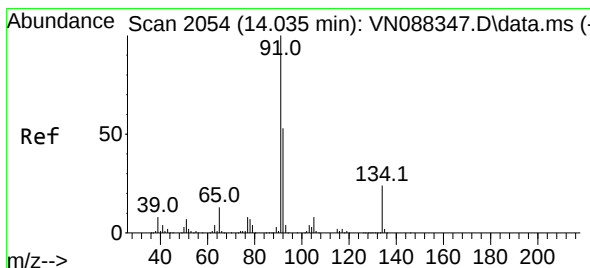
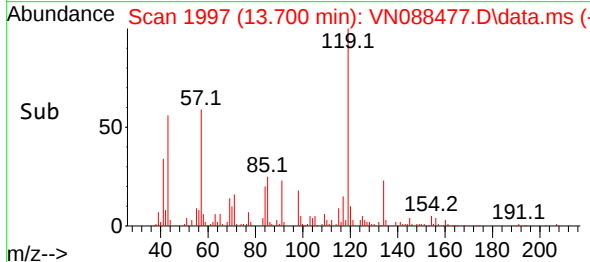
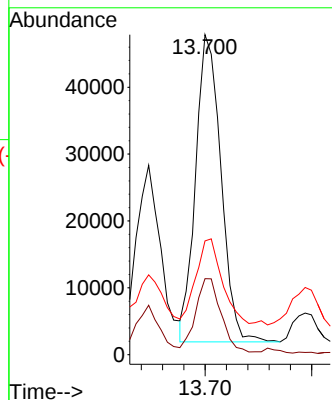
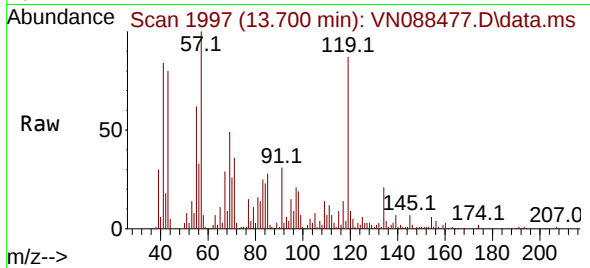




#86
p-Isopropyltoluene
Concen: 4.645 ug/l
RT: 13.700 min Scan# 1998
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

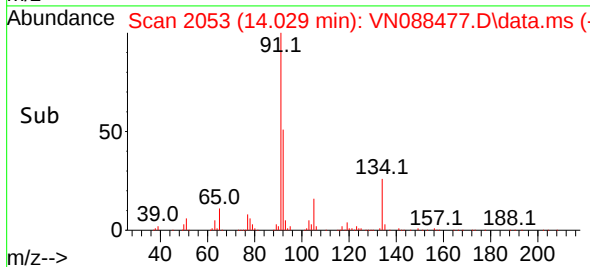
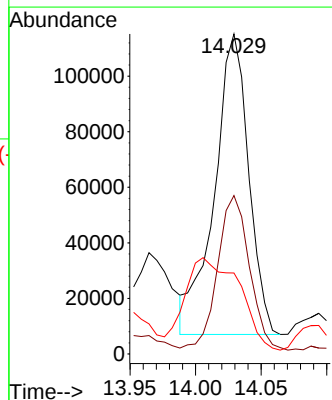
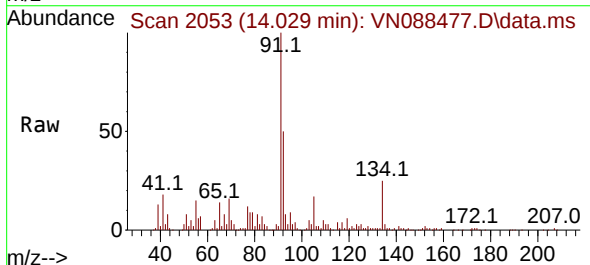
Instrument :
MSVOA_N
ClientSampleId :
SB3A

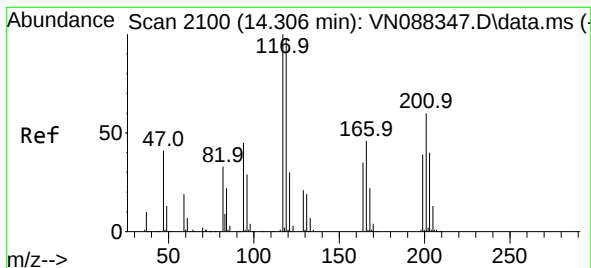
Tgt Ion:119 Resp: 76041
Ion Ratio Lower Upper
119 100
134 23.7 12.2 36.6
91 27.5 13.0 39.0



#89
n-Butylbenzene
Concen: 12.333 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 91 Resp: 196036
Ion Ratio Lower Upper
91 100
92 48.2 26.1 78.3
134 0.0 11.7 35.1#





#90

Hexachloroethane

Concen: 23.349 ug/l

RT: 14.300 min Scan# 2099

Delta R.T. -0.006 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

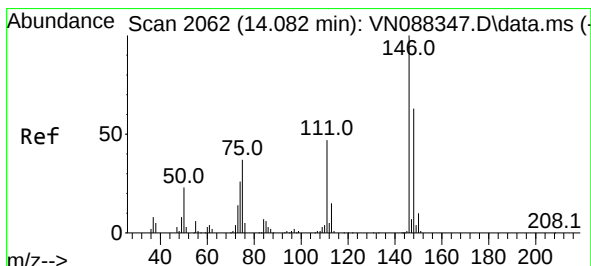
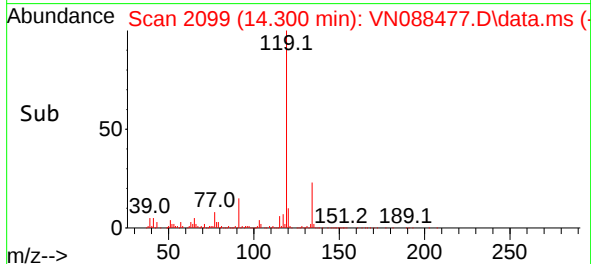
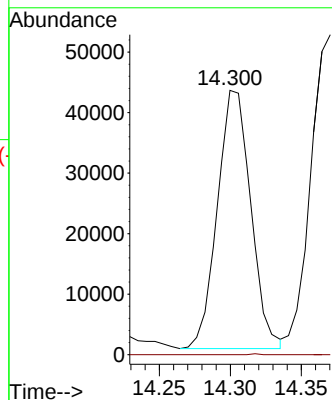
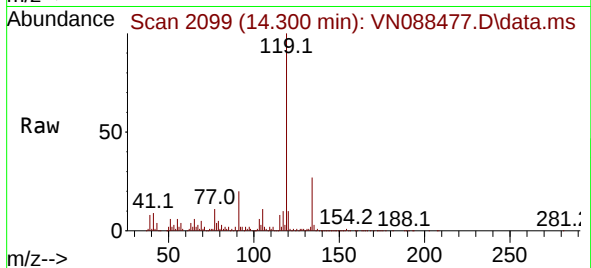
SB3A

Tgt Ion:117 Resp: 69828

Ion Ratio Lower Upper

117 100

201 0.1 30.3 90.9#



#91

1,2-Dichlorobenzene

Concen: 0.280 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.018 min

Lab File: VN088477.D

Acq: 09 Dec 2025 14:05

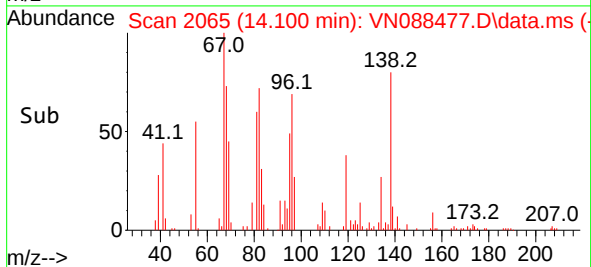
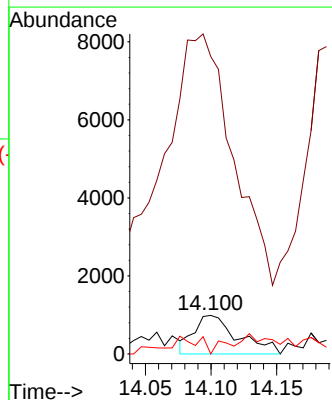
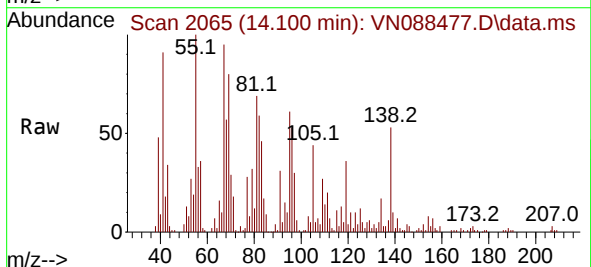
Tgt Ion:146 Resp: 2315

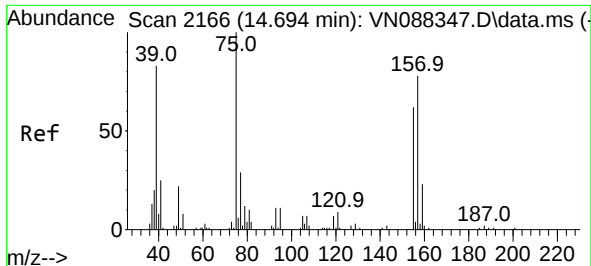
Ion Ratio Lower Upper

146 100

111 988.9 23.3 69.9#

148 0.0 31.8 95.4#

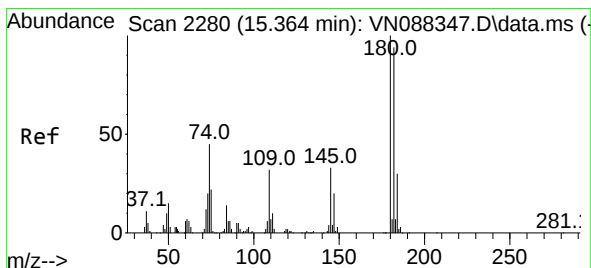
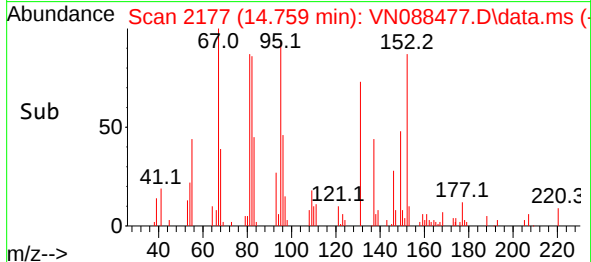
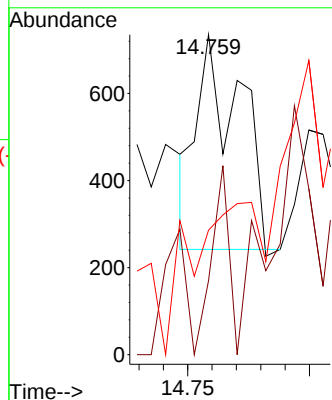
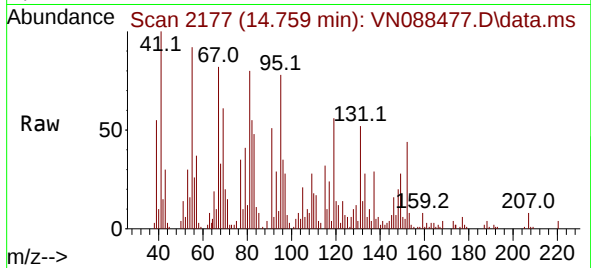




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.387 ug/l
RT: 14.759 min Scan# 2166
Delta R.T. 0.065 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

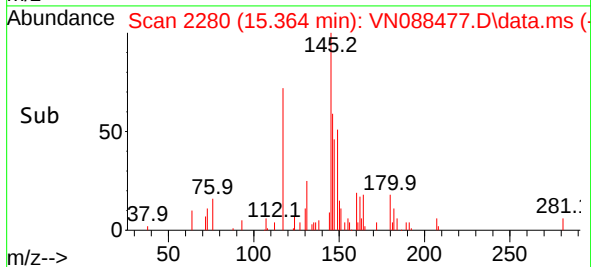
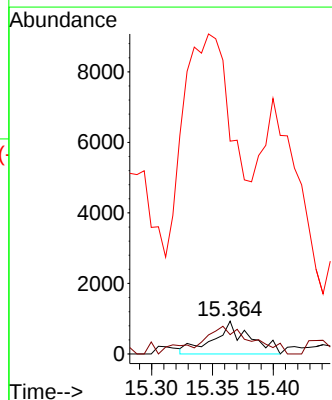
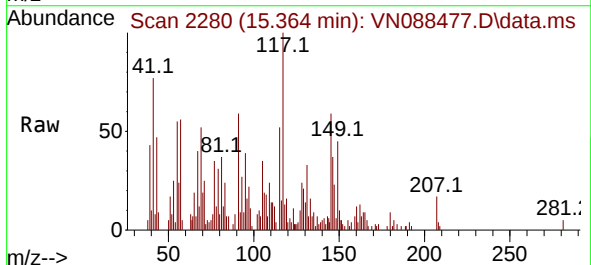
Instrument :
MSVOA_N
ClientSampleId :
SB3A

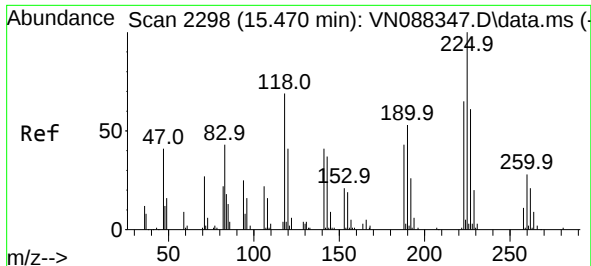
Tgt Ion: 75 Resp: 599
Ion Ratio Lower Upper
75 100
155 35.6 33.7 101.1
157 118.2 43.8 131.3



#93
1,2,4-Trichlorobenzene
Concen: 0.389 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 180 Resp: 1911
Ion Ratio Lower Upper
180 100
182 101.6 46.1 138.2
145 1278.1 16.7 50.1#

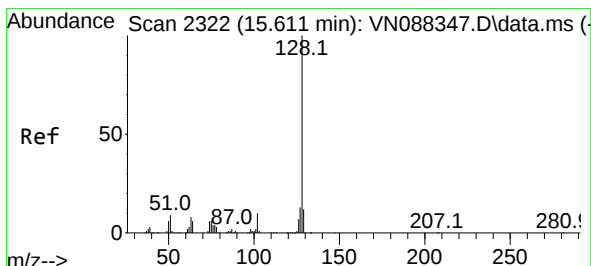
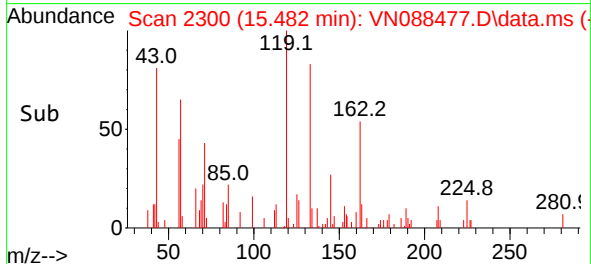
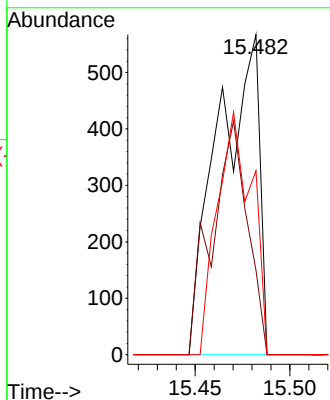
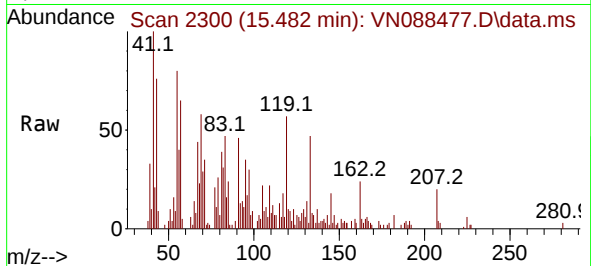




#94
Hexachlorobutadiene
Concen: 0.484 ug/l
RT: 15.482 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

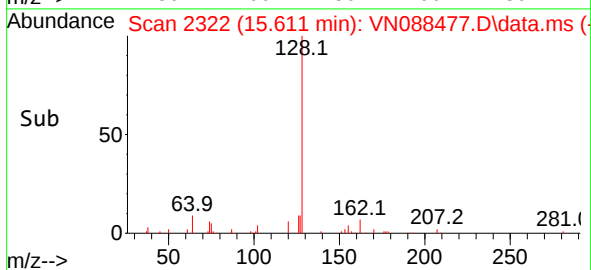
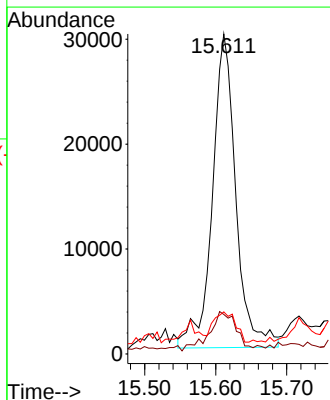
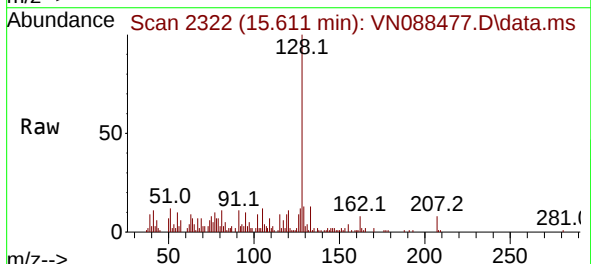
Instrument :
MSVOA_N
ClientSampleId :
SB3A

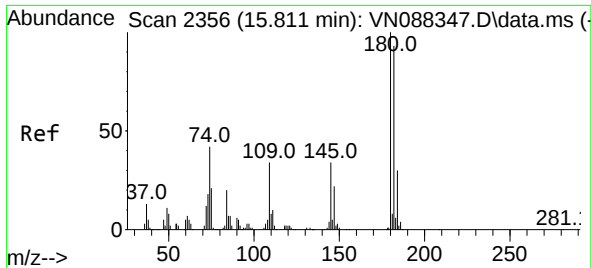
Tgt Ion:225 Resp: 854
Ion Ratio Lower Upper
225 100
223 63.3 32.3 96.8
227 63.9 29.9 89.8



#95
Naphthalene
Concen: 4.033 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:128 Resp: 68666
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 8.9 9.0 13.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.465 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088477.D
 Acq: 09 Dec 2025 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 SB3A

Tgt Ion:180 Resp: 2223
 Ion Ratio Lower Upper
 180 100
 182 55.2 45.9 137.7
 145 0.0 17.8 53.4#

