

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088107.D
 Acq On : 27 Oct 2025 12:50
 Operator : JC\MD
 Sample : Q3454-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 101625

Quant Time: Oct 28 01:25:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	220370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	495278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	477882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	244578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	229414	60.203	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.400%	
35) Dibromofluoromethane	8.147	113	169925	51.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.140%	
50) Toluene-d8	10.547	98	617381	48.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.829	95	253804	56.055	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.100%	

Target Compounds				Qvalue		
5) Bromomethane	2.995	94	1451	0.761	ug/l	92
10) Methyl Iodide	4.595	142	684	4.453	ug/l #	73
11) Tert butyl alcohol	5.524	59	26661	40.611	ug/l #	86
13) Acrolein	4.165	56	516	0.699	ug/l #	14
15) Acrylonitrile	5.712	53	782	0.437	ug/l	87
16) Acetone	4.424	43	124653	65.113	ug/l	97
17) Carbon Disulfide	4.701	76	5193	0.617	ug/l #	72
18) Methyl Acetate	5.030	43	1925	0.491	ug/l #	61
20) Methylene Chloride	5.277	84	829	1.047	ug/l #	73
25) 2-Butanone	7.471	43	46829	18.561	ug/l	97
29) Tetrahydrofuran	7.830	42	836	0.508	ug/l #	34
31) Cyclohexane	8.206	56	8167	1.531	ug/l #	61
36) 1,1-Dichloropropene	8.212	75	20699	4.261	ug/l #	45
37) Ethyl Acetate	7.471	43	46829	7.469	ug/l #	73
38) Carbon Tetrachloride	8.206	117	25455	5.073	ug/l #	17
39) Methylcyclohexane	9.583	83	1340	0.215	ug/l #	77
40) Benzene	8.589	78	555554	37.549	ug/l	99
48) Methyl methacrylate	9.653	41	1580	0.355	ug/l #	27
49) 1,4-Dioxane	9.688	88	378	6.833	ug/l #	13
51) 4-Methyl-2-Pentanone	10.430	43	14695	2.578	ug/l	97
52) Toluene	10.606	92	496917	54.474	ug/l	99
55) 1,1,2-Trichloroethane	10.865	97	4717	1.363	ug/l #	21
67) Ethyl Benzene	11.941	91	393147	20.641	ug/l	100
68) m/p-Xylenes	12.047	106	227097	31.821	ug/l	98
69) o-Xylene	12.377	106	136775	20.217	ug/l	97
70) Styrene	12.388	104	221023	20.035	ug/l	97
73) Isopropylbenzene	12.671	105	18685	0.991	ug/l	97
74) N-amyl acetate	12.494	43	3125	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	12.824	75	143618	25.684	ug/l #	1
78) n-propylbenzene	13.012	91	36089	1.568	ug/l	89
79) 2-Chlorotoluene	13.071	91	8750	0.667	ug/l #	56
80) 1,3,5-Trimethylbenzene	13.153	105	76995	4.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.824	75	143618	71.645	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.459	105	227524	14.516	ug/l	99
85) sec-Butylbenzene	13.459	105	227524	11.066	ug/l #	58
86) p-Isopropyltoluene	13.688	119	24333	1.475	ug/l #	68

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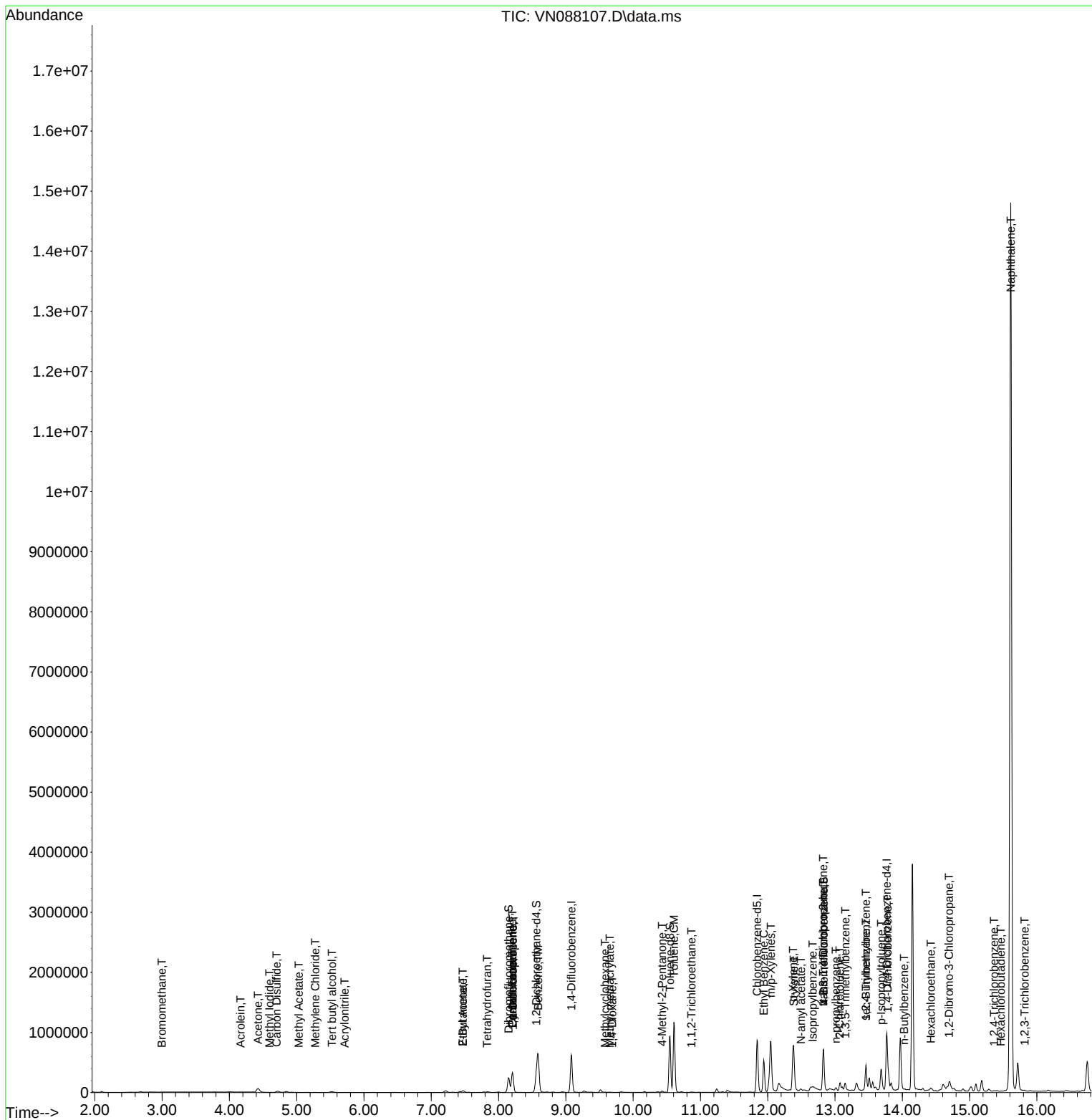
Instrument :
MSVOA_N
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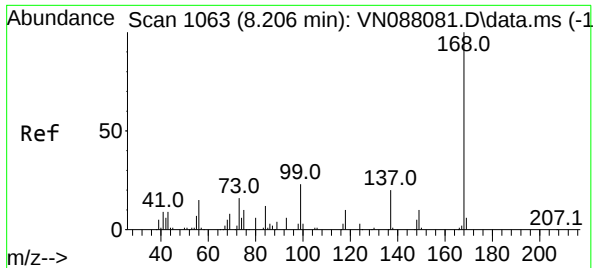
Quant Time: Oct 28 01:25:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.782	146	1839	0.211	ug/l #	1
89) n-Butylbenzene	14.029	91	4348	0.266	ug/l #	68
90) Hexachloroethane	14.423	117	22813	7.142	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.694	75	5359	3.920	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.365	180	2531	0.534	ug/l	93
94) Hexachlorobutadiene	15.465	225	996	0.564	ug/l	91
95) Naphthalene	15.612	128	12781980	787.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	2366	0.521	ug/l #	90

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

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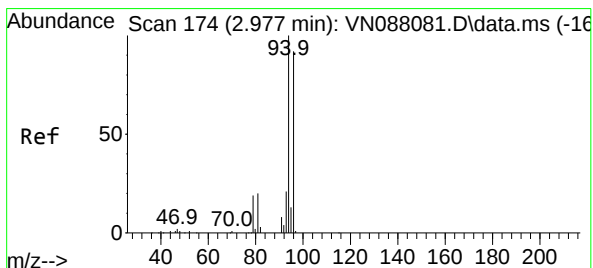
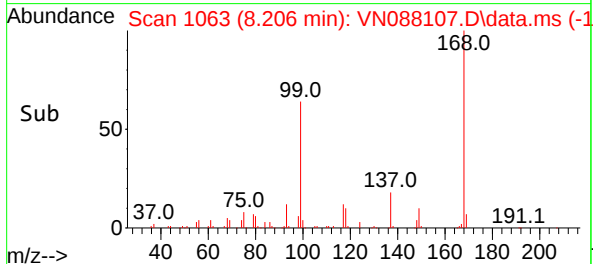
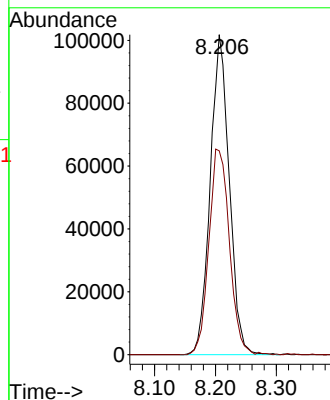
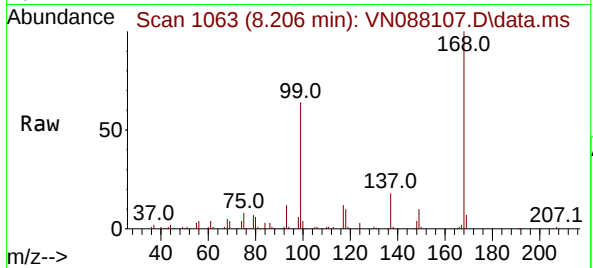




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088107.D
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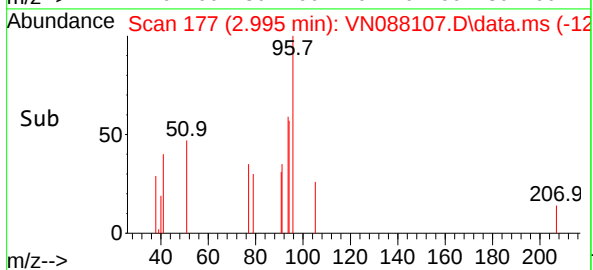
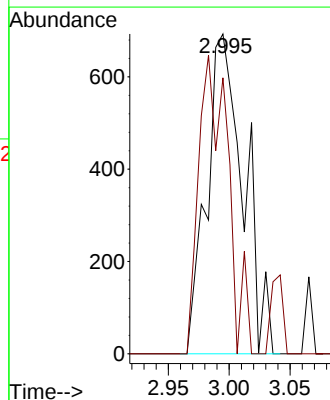
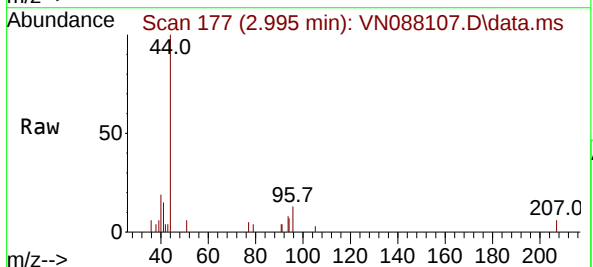
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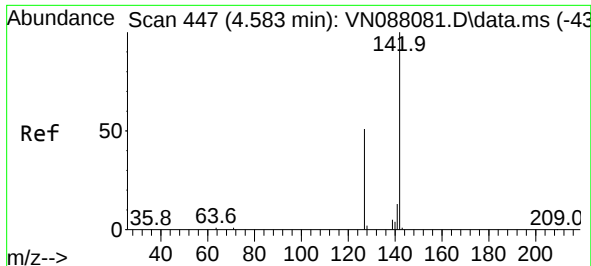
Tgt Ion:168 Resp: 220370
Ion Ratio Lower Upper
168 100
99 63.7 57.2 85.8



#5
Bromomethane
Concen: 0.761 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 94 Resp: 1451
Ion Ratio Lower Upper
94 100
96 86.3 75.4 113.2





#10

Methyl Iodide

Concen: 4.453 ug/l

RT: 4.595 min Scan# 447

Delta R.T. 0.018 min

Lab File: VN088107.D

Acq: 27 Oct 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

101625

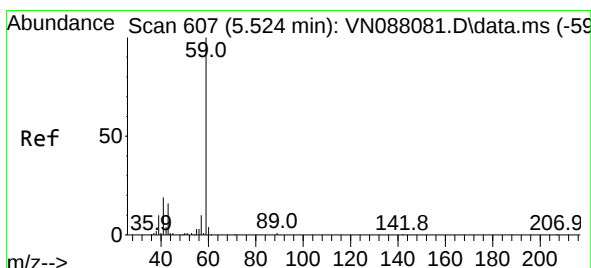
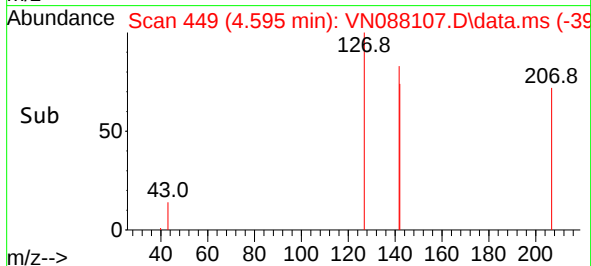
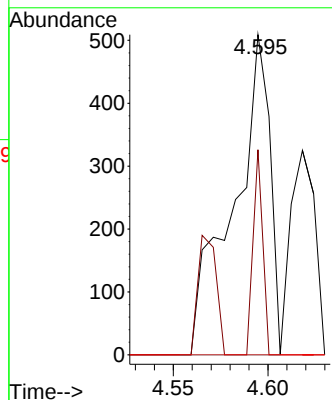
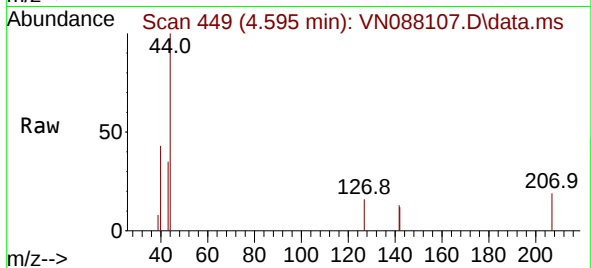
Tgt Ion:142 Resp: 684

Ion Ratio Lower Upper

142 100

127 64.0 38.0 57.0#

141 0.0 12.0 18.0#



#11

Tert butyl alcohol

Concen: 40.611 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN088107.D

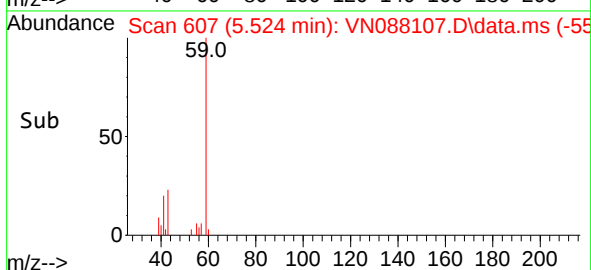
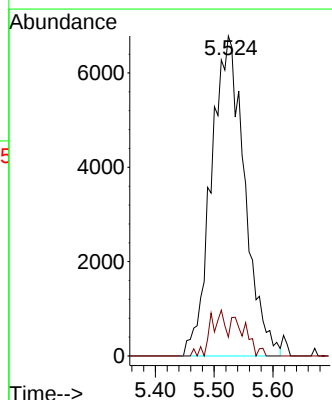
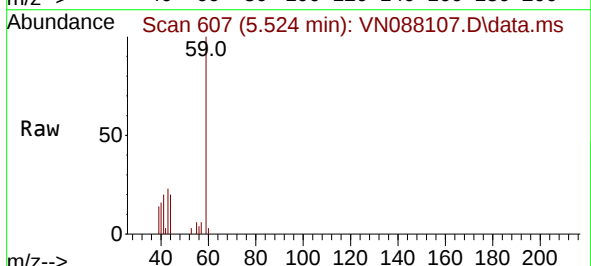
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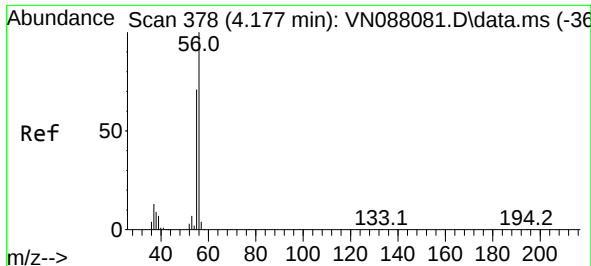
Tgt Ion: 59 Resp: 26661

Ion Ratio Lower Upper

59 100

57 5.8 9.0 13.4#

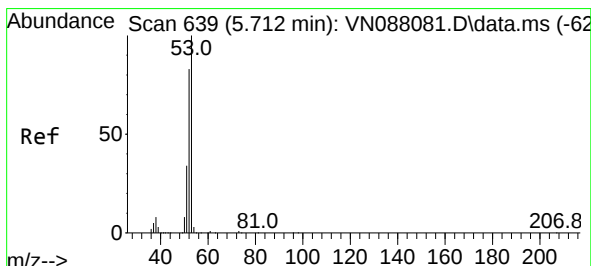
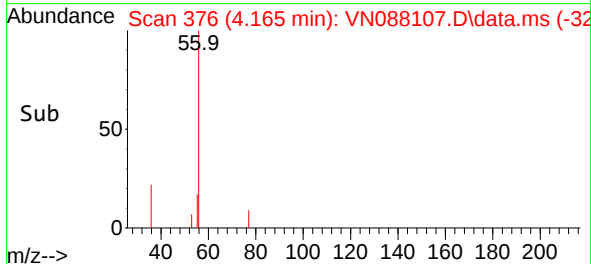
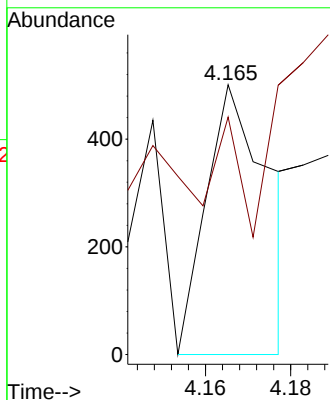
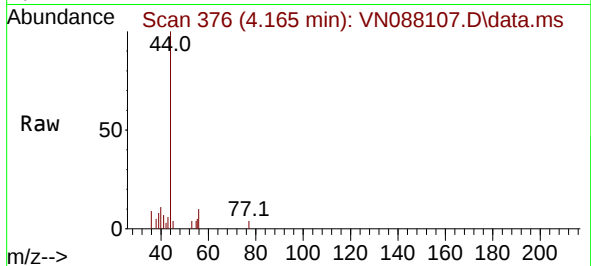




#13
Acrolein
Concen: 0.699 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

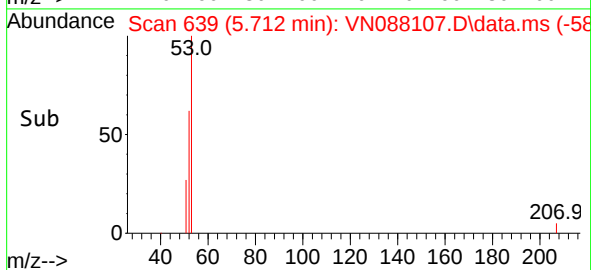
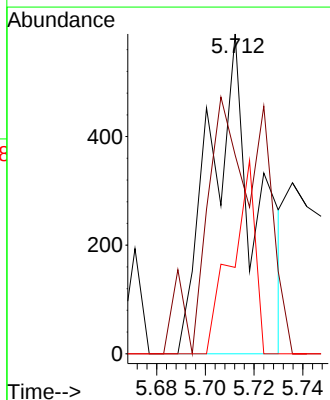
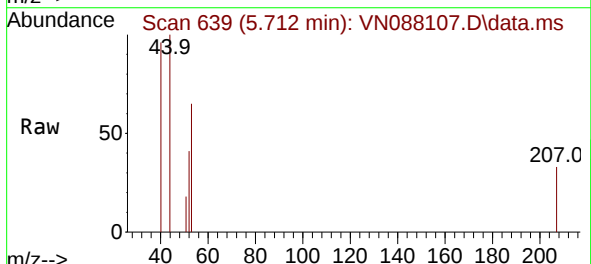
Instrument :
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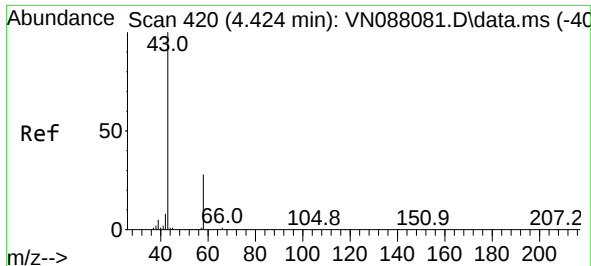
Tgt Ion: 56 Resp: 516
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#15
Acrylonitrile
Concen: 0.437 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 53 Resp: 782
Ion Ratio Lower Upper
53 100
52 96.5 67.6 101.4
51 30.7 30.1 45.1

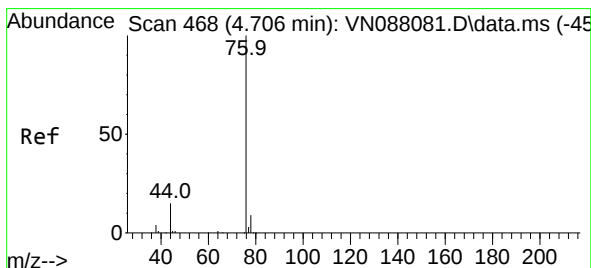
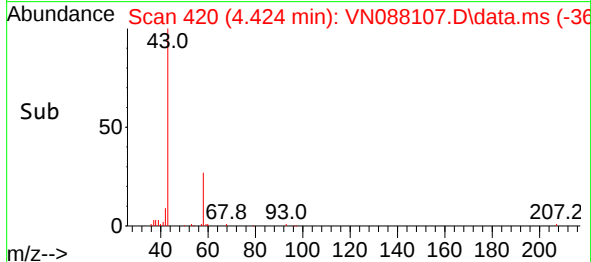
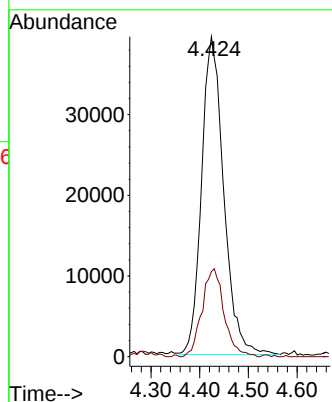
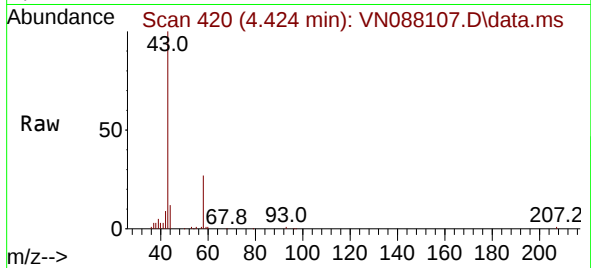




#16
Acetone
Concen: 65.113 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

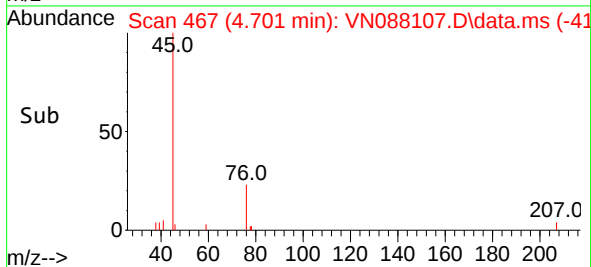
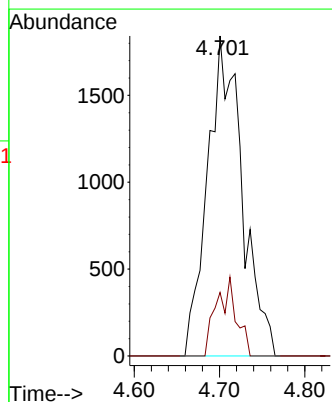
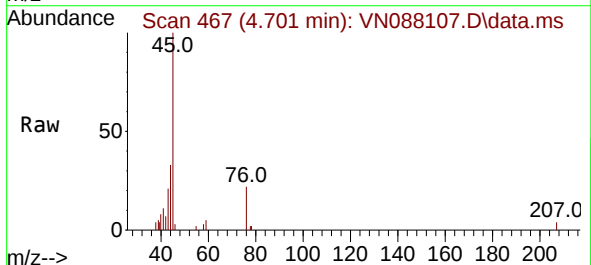
Instrument :
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ClientSampleId :
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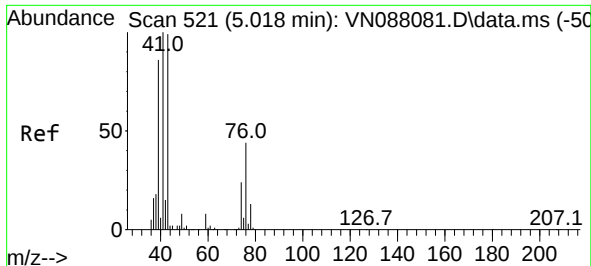
Tgt Ion: 43 Resp: 124653
Ion Ratio Lower Upper
43 100
58 26.7 22.6 33.8



#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 4.701 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 76 Resp: 5193
Ion Ratio Lower Upper
76 100
78 19.9 7.6 11.4#

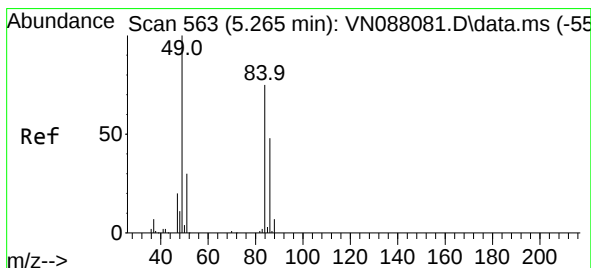
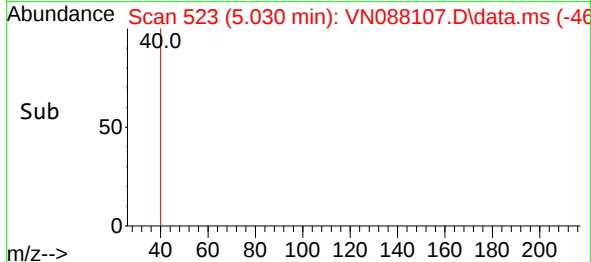
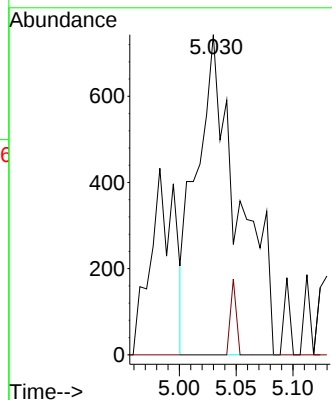
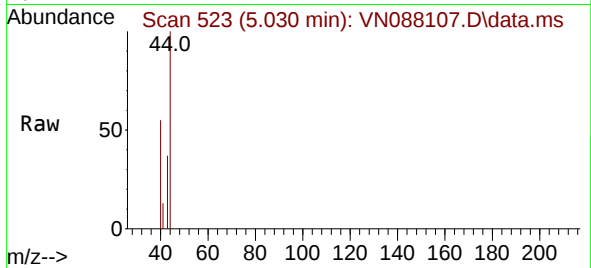




#18
Methyl Acetate
Concen: 0.491 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

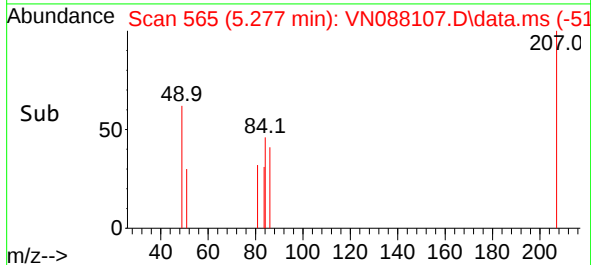
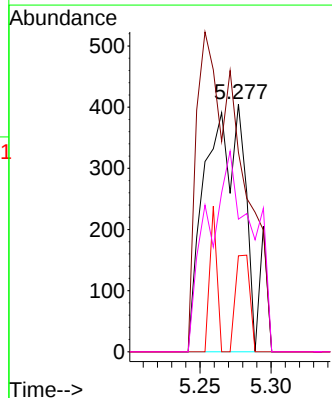
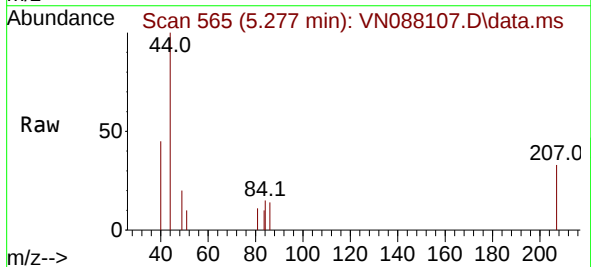
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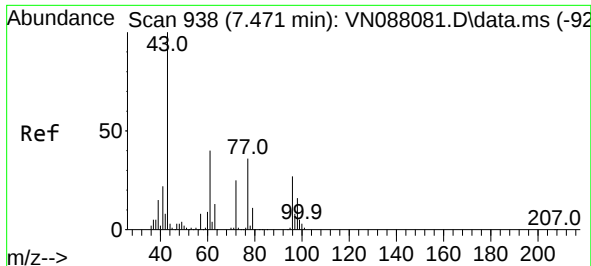
Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
74 3.2 17.6 26.4#



#20
Methylene Chloride
Concen: 1.047 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 84 Resp: 829
Ion Ratio Lower Upper
84 100
49 80.5 103.4 155.2#
51 38.8 33.8 50.8
86 53.6 49.6 74.4

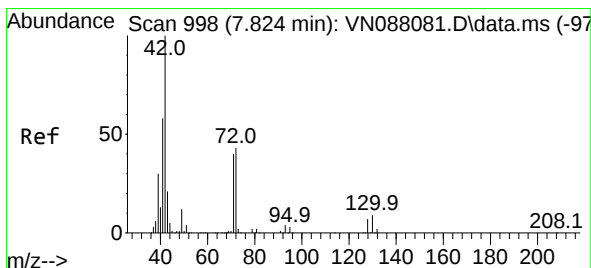
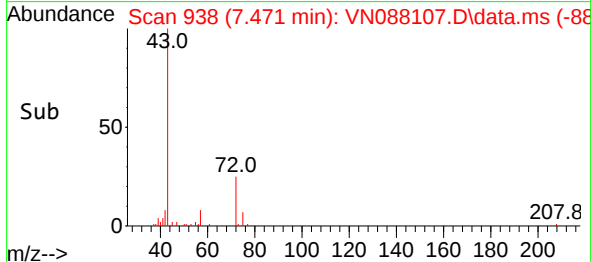
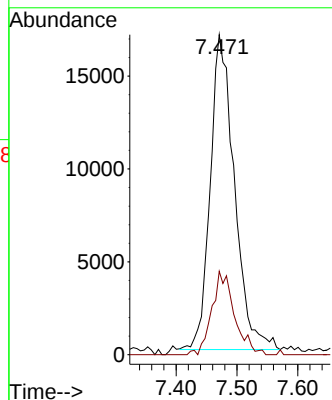
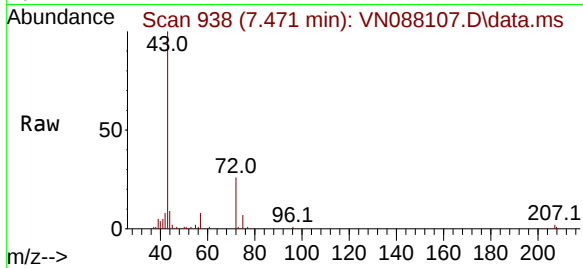




#25
2-Butanone
Concen: 18.561 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

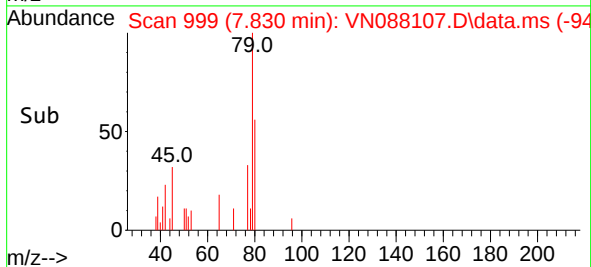
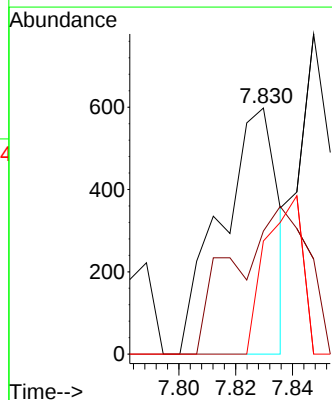
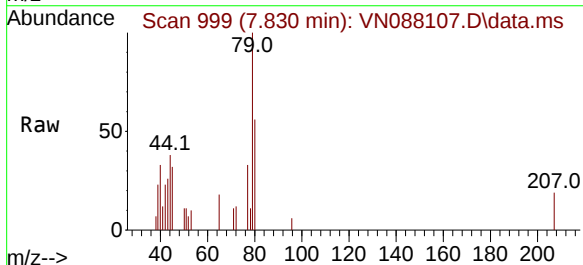
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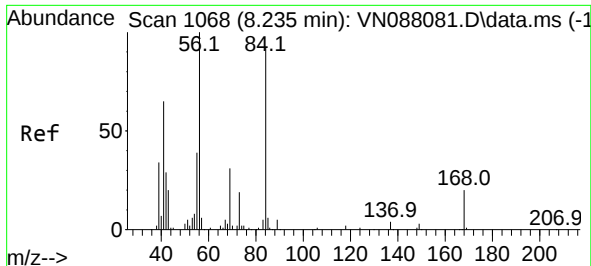
Tgt Ion: 43 Resp: 46829
Ion Ratio Lower Upper
43 100
72 26.5 19.9 29.9



#29
Tetrahydrofuran
Concen: 0.508 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 42 Resp: 836
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 31.9 47.9#

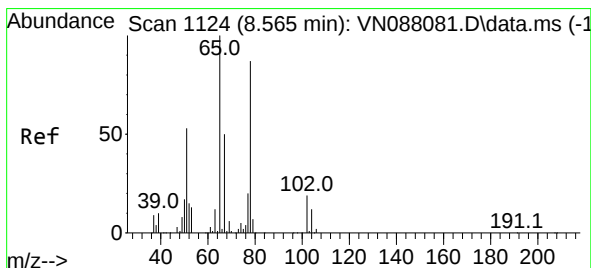
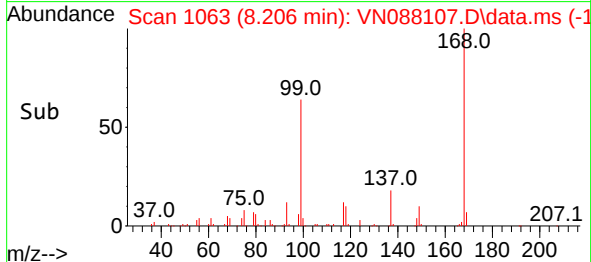
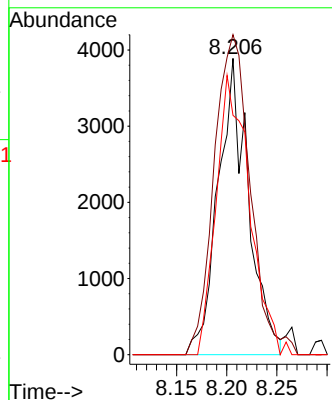
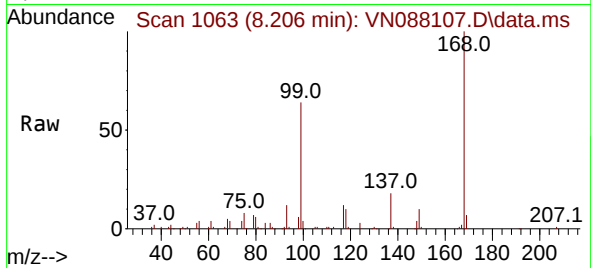




#31
Cyclohexane
Concen: 1.531 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

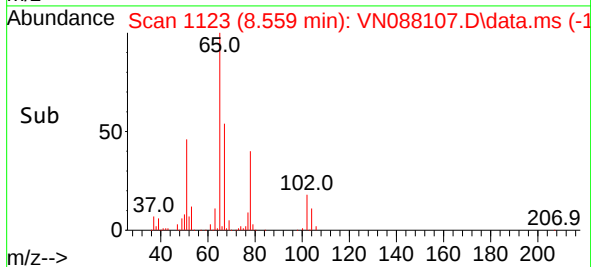
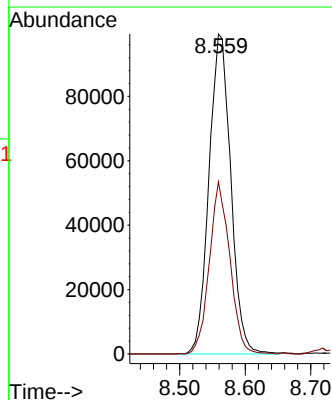
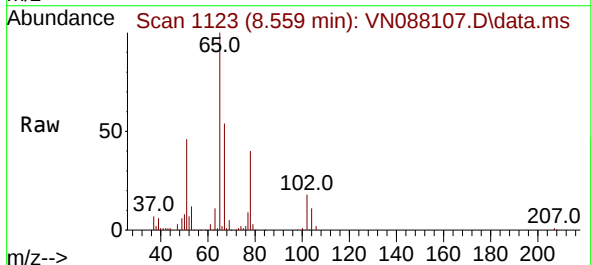
Instrument :
MSVOA_N
ClientSampleId :
101625

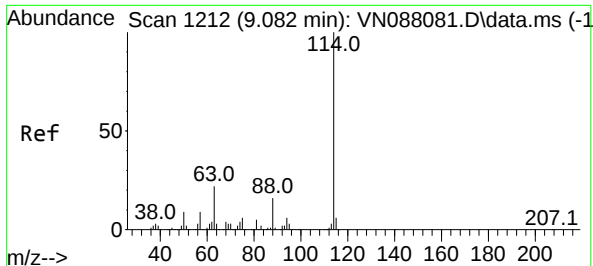
Tgt Ion: 56 Resp: 8167
Ion Ratio Lower Upper
56 100
69 108.0 23.7 35.5#
84 80.8 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 60.203 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 65 Resp: 229414
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088107.D

Acq: 27 Oct 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

101625

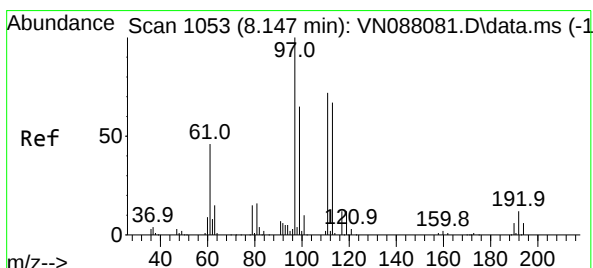
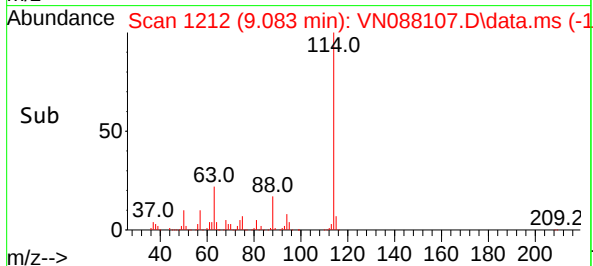
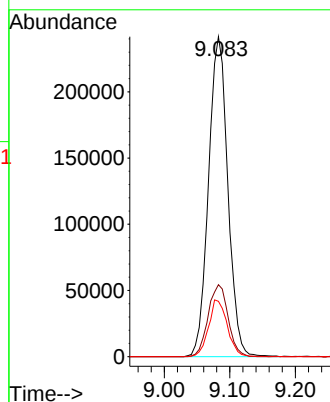
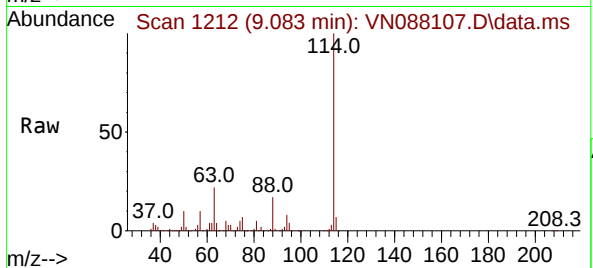
Tgt Ion:114 Resp: 495278

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 17.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 51.070 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088107.D

Acq: 27 Oct 2025 12:50

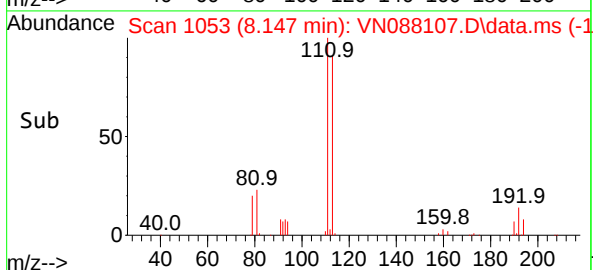
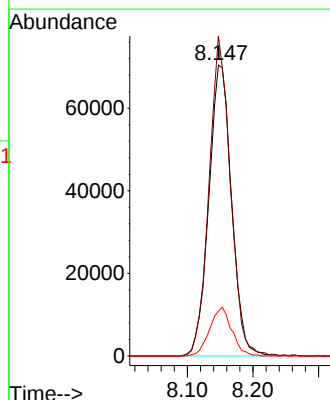
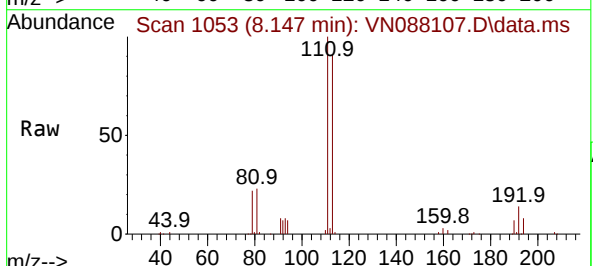
Tgt Ion:113 Resp: 169925

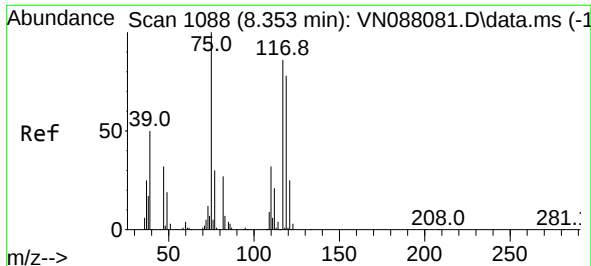
Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 16.2 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.261 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.141 min

Lab File: VN088107.D

Acq: 27 Oct 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

101625

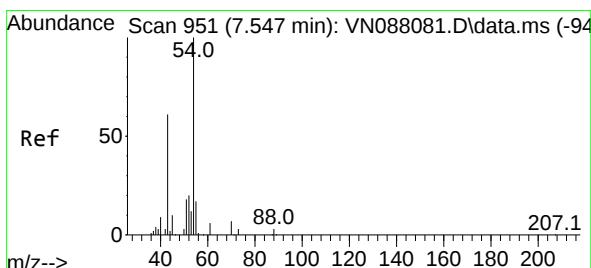
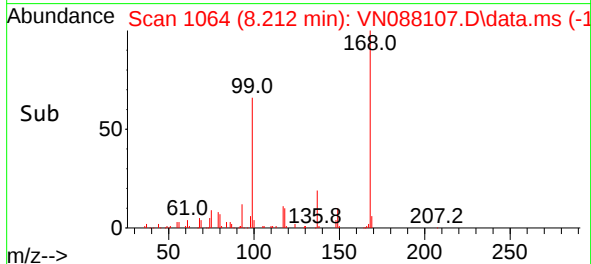
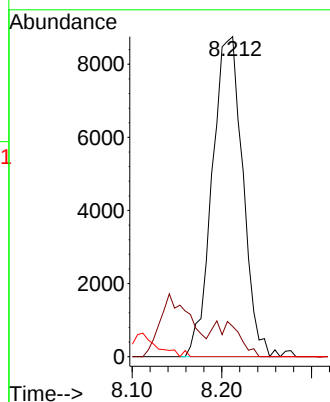
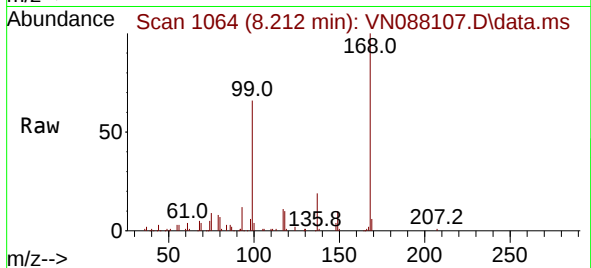
Tgt Ion: 75 Resp: 20699

Ion Ratio Lower Upper

75 100

110 1.4 15.9 47.6#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 7.469 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.076 min

Lab File: VN088107.D

Acq: 27 Oct 2025 12:50

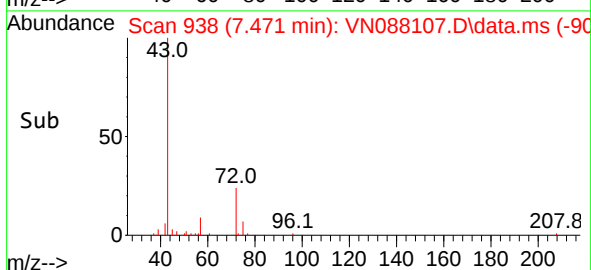
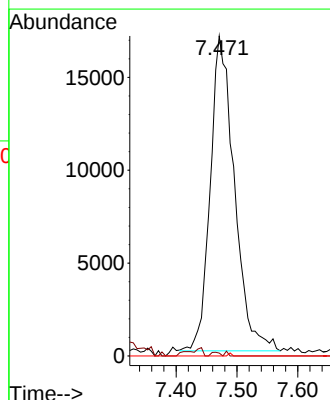
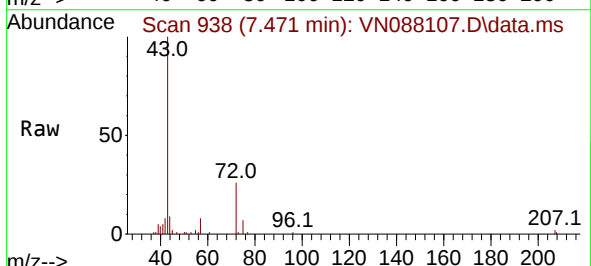
Tgt Ion: 43 Resp: 46829

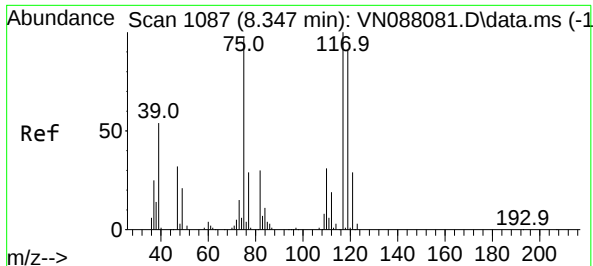
Ion Ratio Lower Upper

43 100

61 0.4 9.3 13.9#

70 0.0 7.0 10.6#

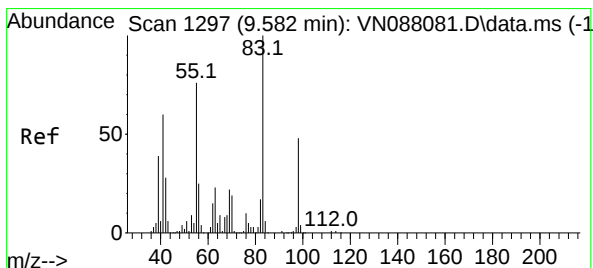
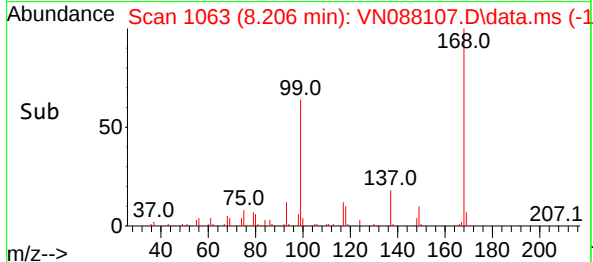
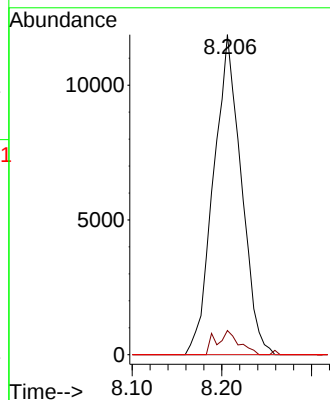
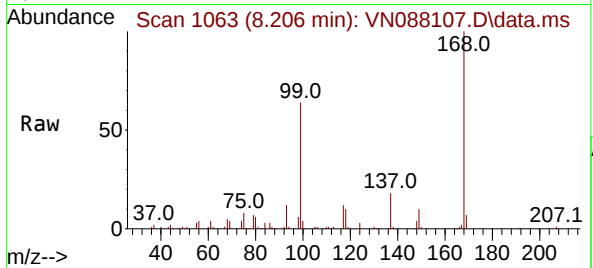




#38
Carbon Tetrachloride
Concen: 5.073 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

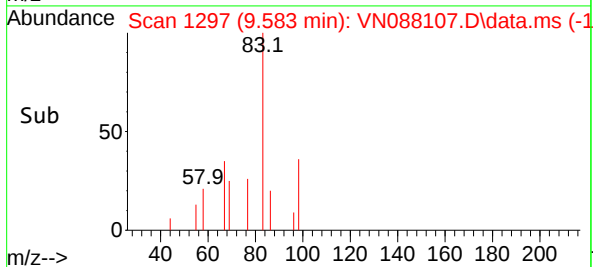
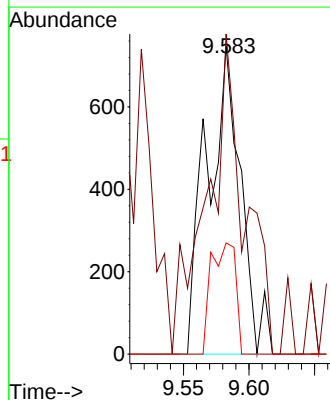
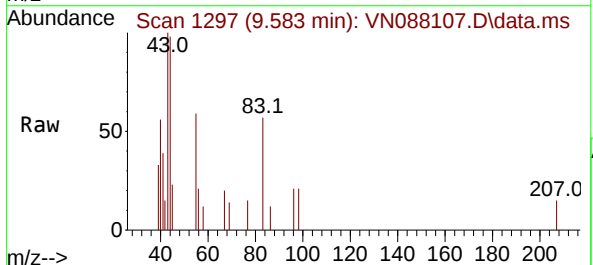
Instrument :
MSVOA_N
ClientSampleId :
101625

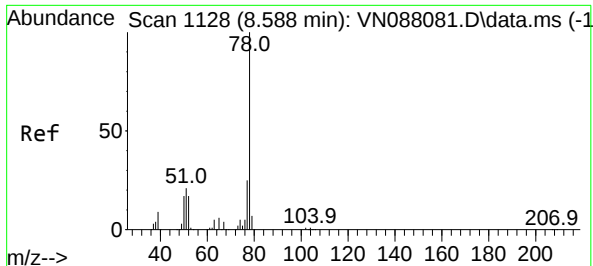
Tgt Ion:117 Resp: 25455
Ion Ratio Lower Upper
117 100
119 7.6 79.0 118.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 0.215 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 83 Resp: 1340
Ion Ratio Lower Upper
83 100
55 103.9 64.6 96.8#
98 36.1 38.4 57.6#

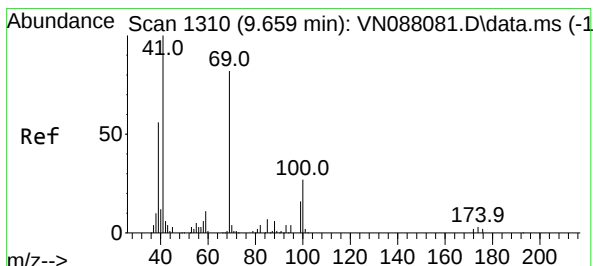
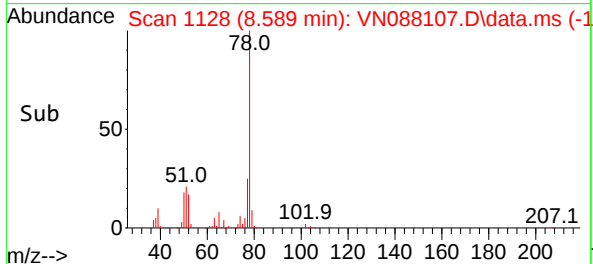
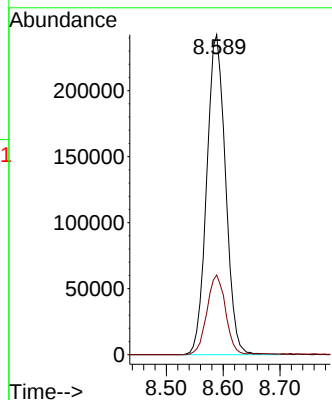
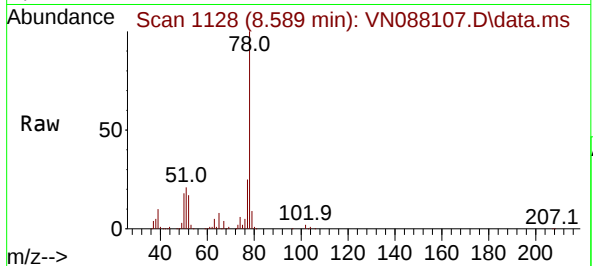




#40
Benzene
Concen: 37.549 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

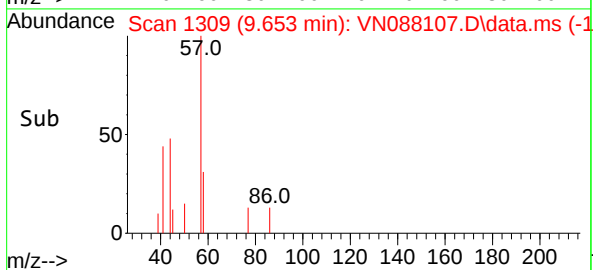
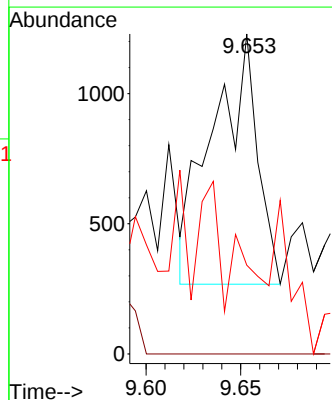
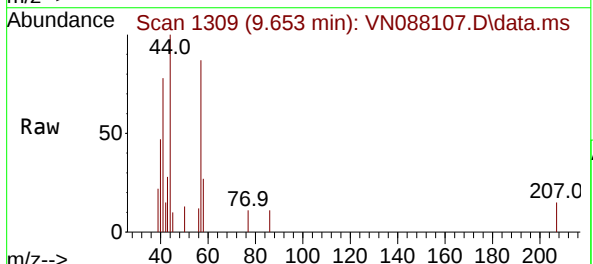
Instrument :
MSVOA_N
ClientSampleId :
101625

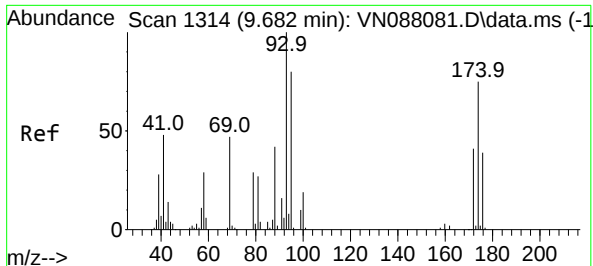
Tgt Ion: 78 Resp: 555554
Ion Ratio Lower Upper
78 100
77 24.9 19.7 29.5



#48
Methyl methacrylate
Concen: 0.355 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.012 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 41 Resp: 1580
Ion Ratio Lower Upper
41 100
69 0.0 62.7 94.1#
39 23.8 52.9 79.3#





#49

1,4-Dioxane

Concen: 6.833 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088107.D

Acq: 27 Oct 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

101625

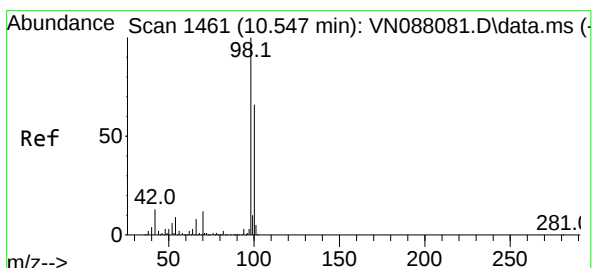
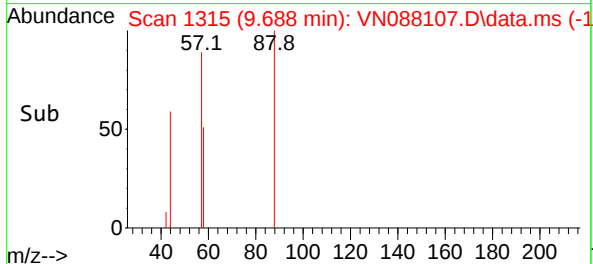
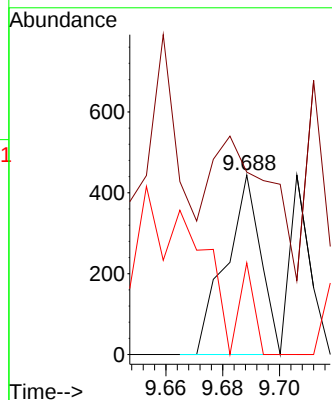
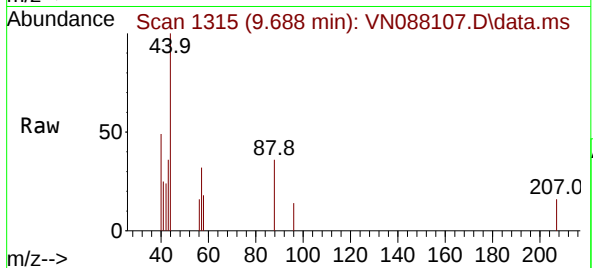
Tgt Ion: 88 Resp: 378

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 57.9 86.9#



#50

Toluene-d8

Concen: 48.155 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088107.D

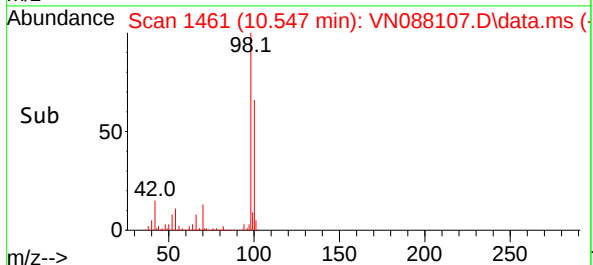
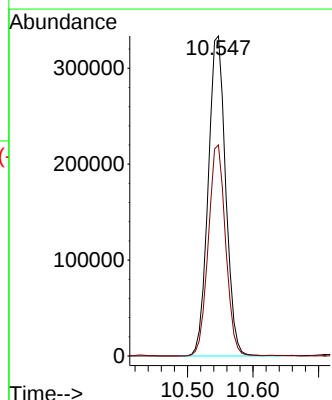
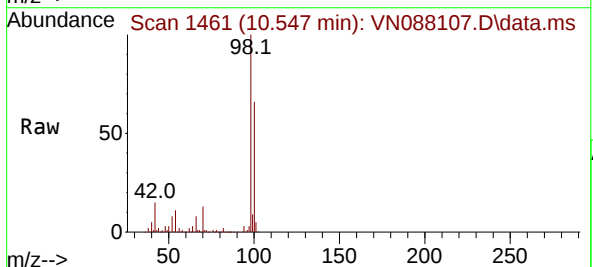
Acq: 27 Oct 2025 12:50

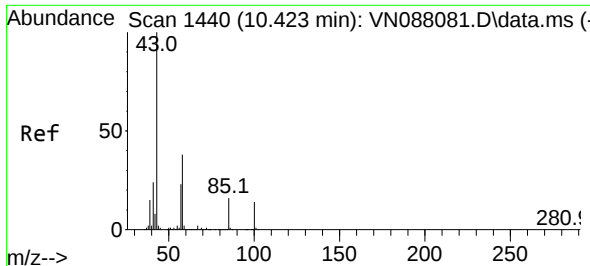
Tgt Ion: 98 Resp: 617381

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2

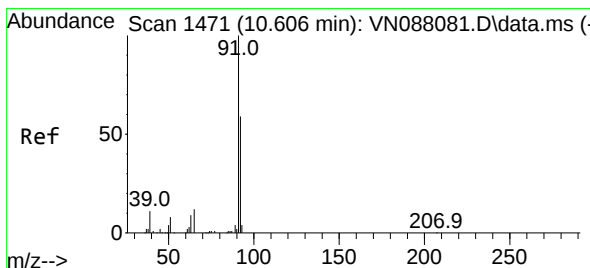
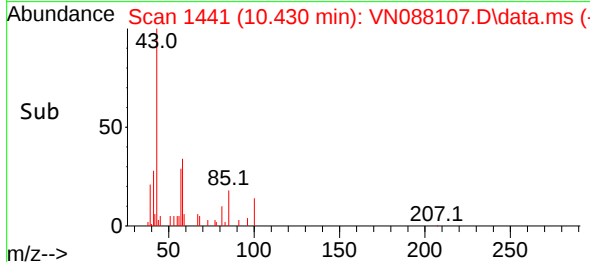
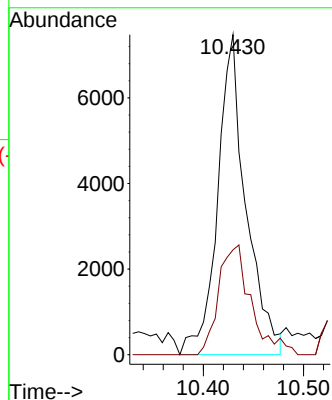
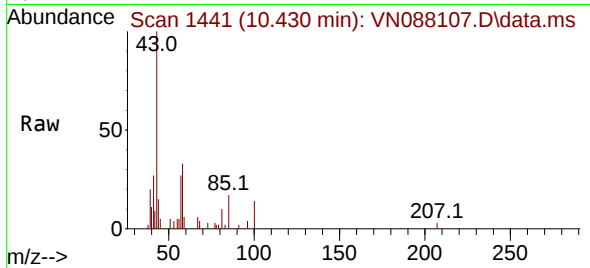




#51
4-Methyl-2-Pentanone
Concen: 2.578 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

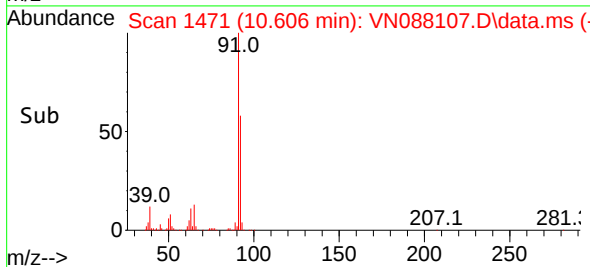
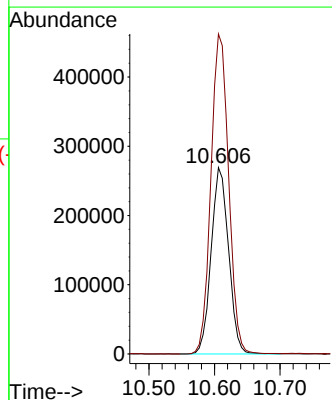
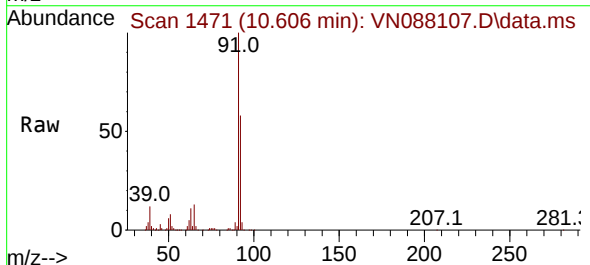
Instrument :
MSVOA_N
ClientSampleId :
101625

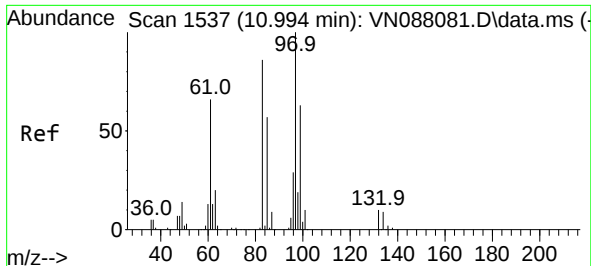
Tgt Ion: 43 Resp: 14695
Ion Ratio Lower Upper
43 100
58 39.1 29.6 44.4



#52
Toluene
Concen: 54.474 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 92 Resp: 496917
Ion Ratio Lower Upper
92 100
91 174.5 140.4 210.6

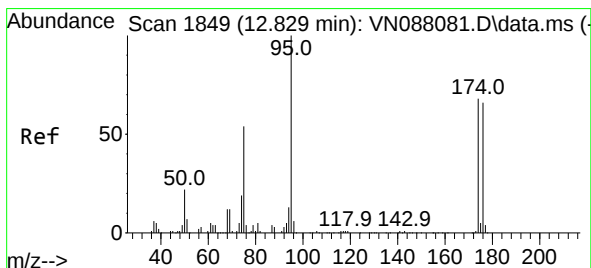
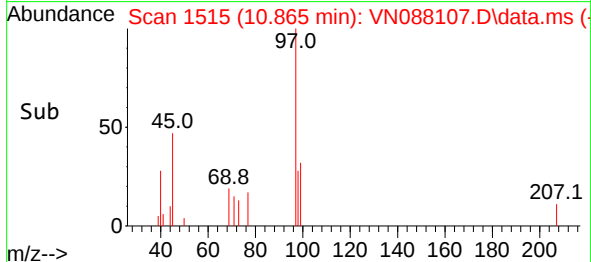
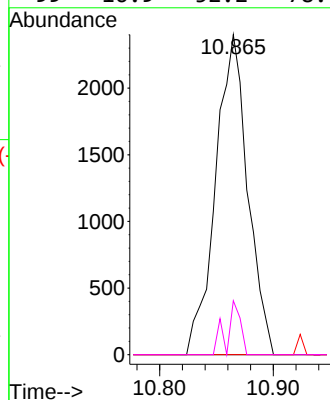
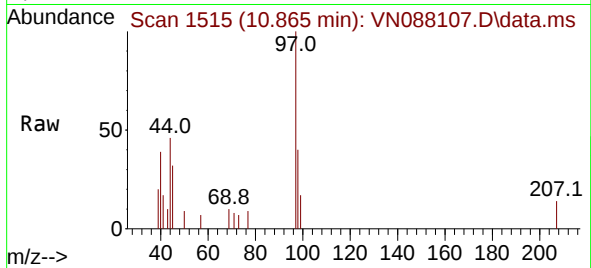




#55
1,1,2-Trichloroethane
Concen: 1.363 ug/l
RT: 10.865 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

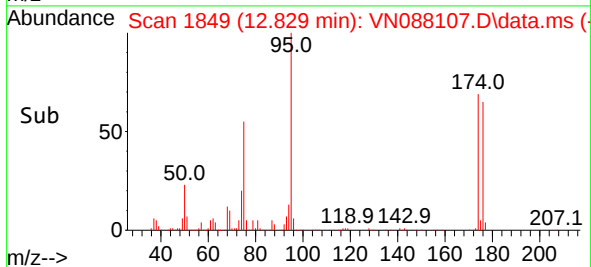
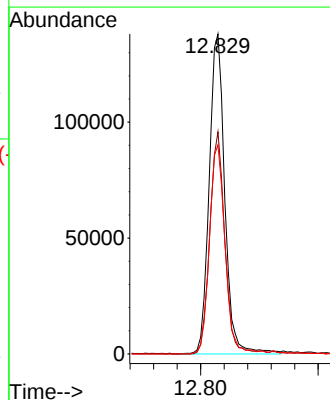
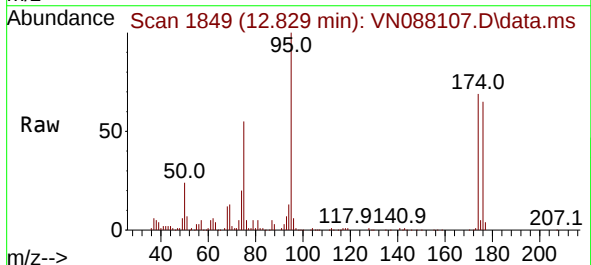
Instrument :
MSVOA_N
ClientSampleId :
101625

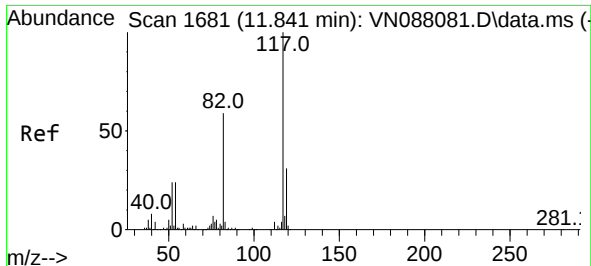
Tgt Ion: 97	Resp: 4717
Ion Ratio	Lower Upper
97 100	
83 0.0	68.2 102.4#
85 0.0	45.5 68.3#
99 16.9	52.2 78.4#



#62
4-Bromofluorobenzene
Concen: 56.055 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 95	Resp: 253804
Ion Ratio	Lower Upper
95 100	
174 67.0	0.0 138.4
176 65.3	0.0 132.6

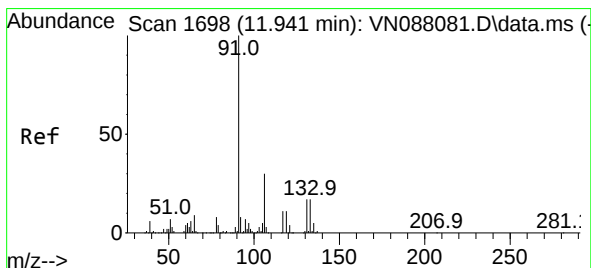
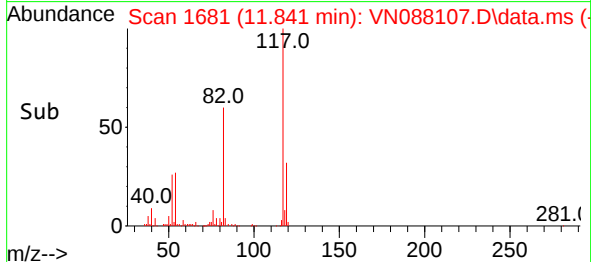
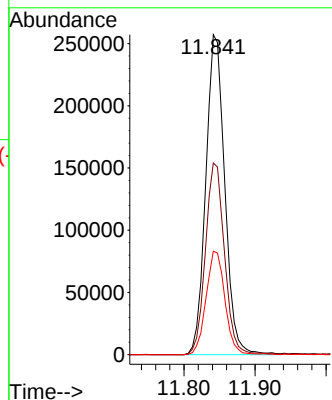
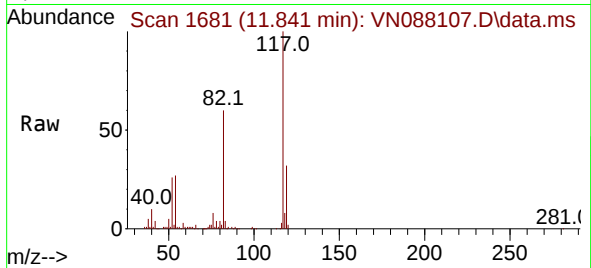




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

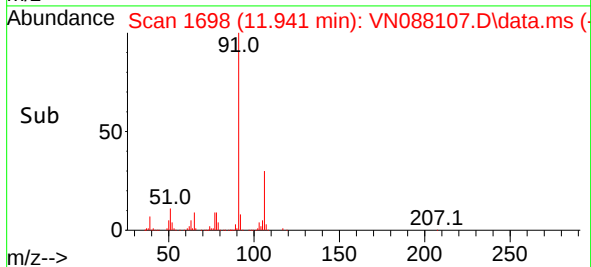
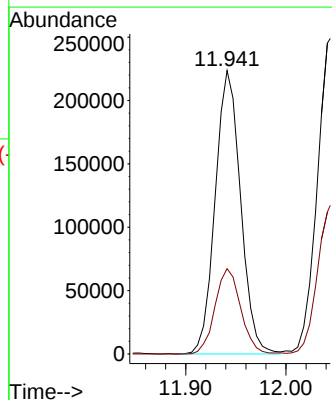
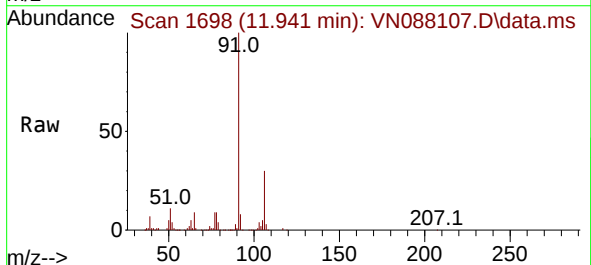
Instrument :
MSVOA_N
ClientSampleId :
101625

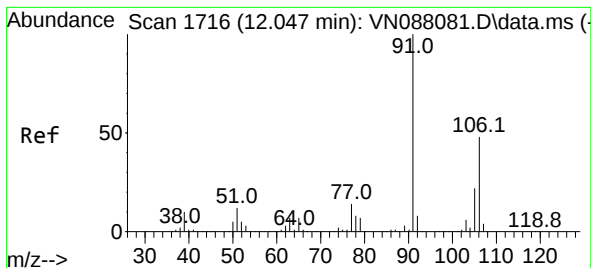
Tgt Ion:117 Resp: 477882
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.4 24.3 36.5



#67
Ethyl Benzene
Concen: 20.641 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 91 Resp: 393147
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

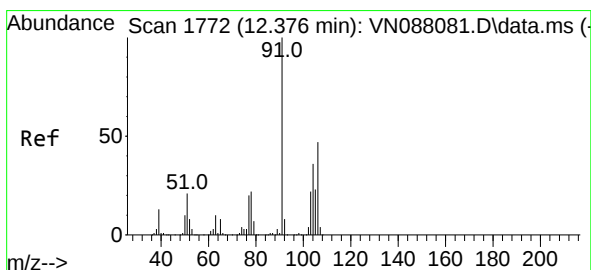
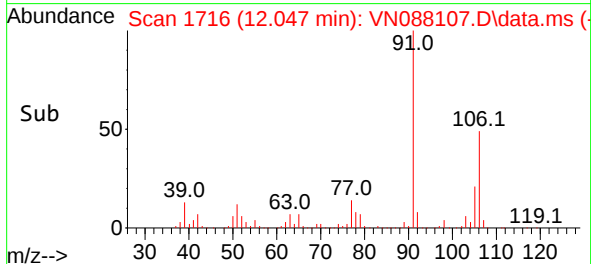
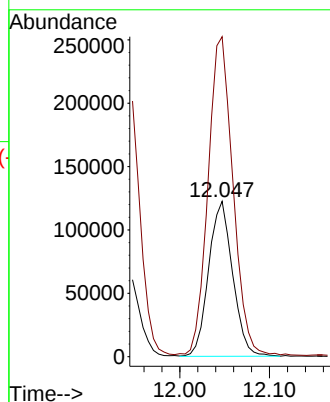
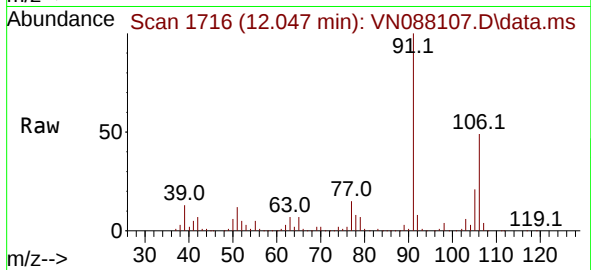




#68
m/p-Xylenes
Concen: 31.821 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

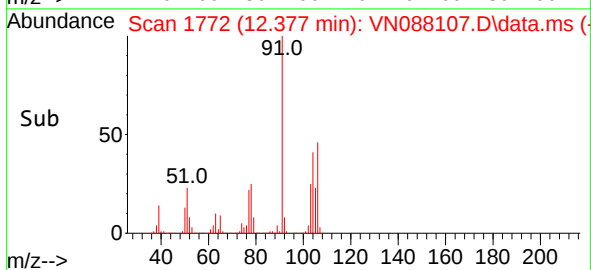
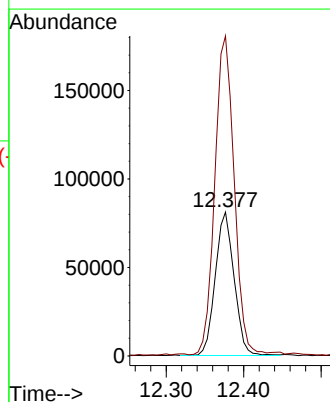
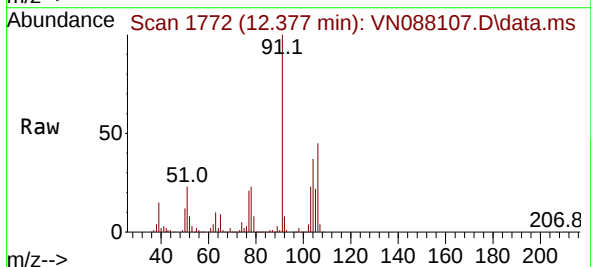
Instrument :
MSVOA_N
ClientSampleId :
101625

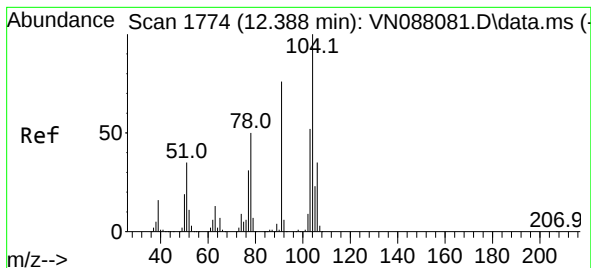
Tgt Ion:106 Resp: 227097
Ion Ratio Lower Upper
106 100
91 214.6 169.3 253.9



#69
o-Xylene
Concen: 20.217 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion:106 Resp: 136775
Ion Ratio Lower Upper
106 100
91 227.8 111.4 334.2





#70

Styrene

Concen: 20.035 ug/l

RT: 12.388 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088107.D

Acq: 27 Oct 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

101625

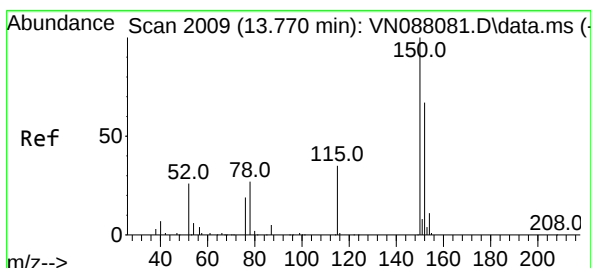
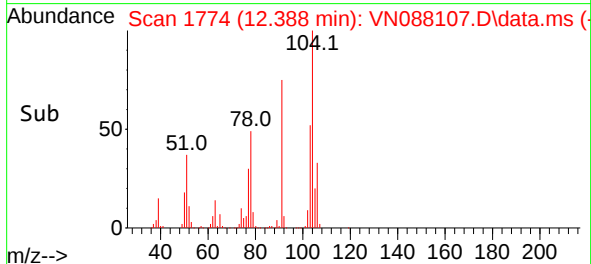
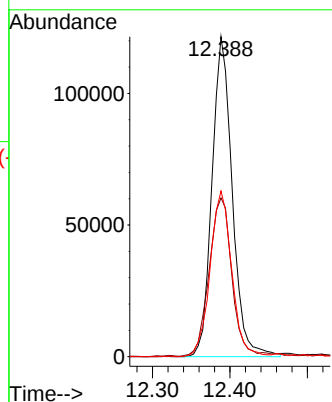
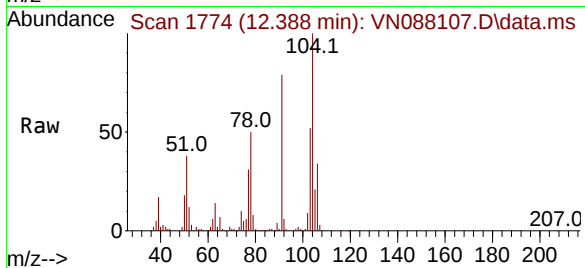
Tgt Ion:104 Resp: 221023

Ion Ratio Lower Upper

104 100

78 55.6 42.2 63.2

103 55.1 43.4 65.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088107.D

Acq: 27 Oct 2025 12:50

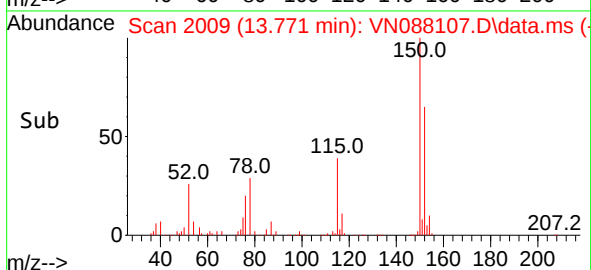
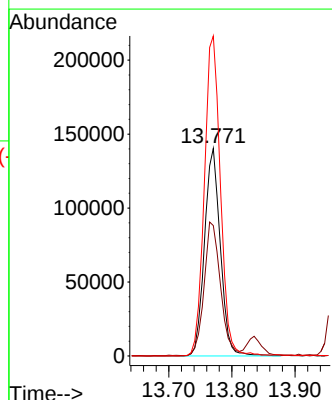
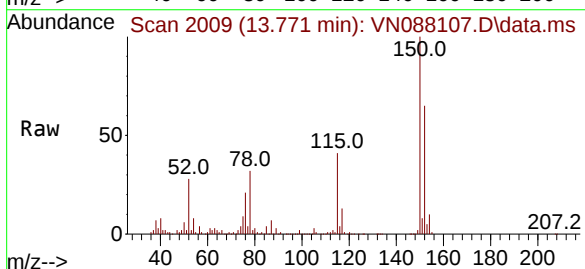
Tgt Ion:152 Resp: 244578

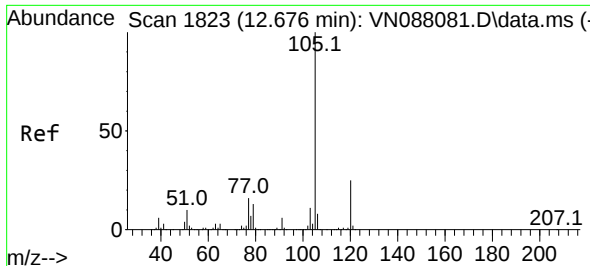
Ion Ratio Lower Upper

152 100

115 66.4 32.3 96.8

150 156.6 0.0 351.0

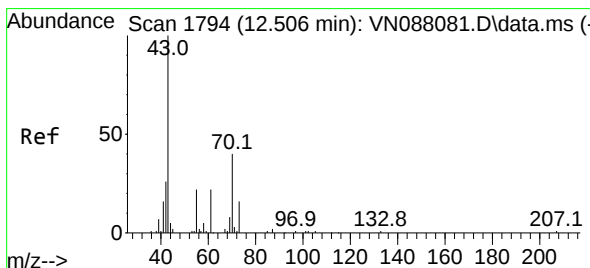
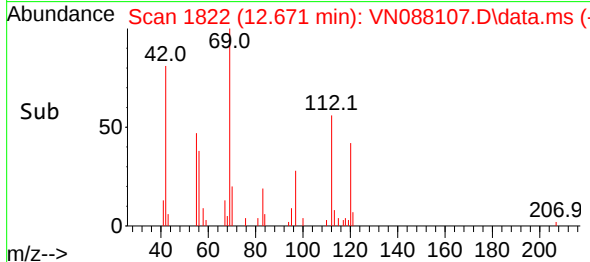
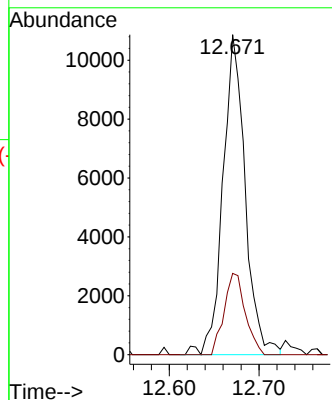
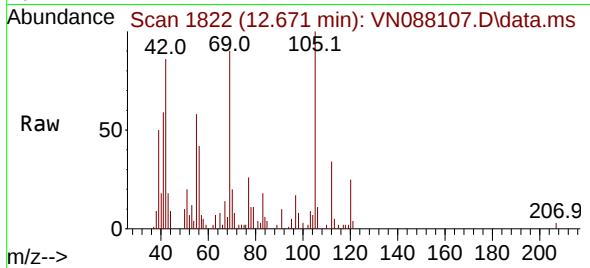




#73
Isopropylbenzene
Concen: 0.991 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

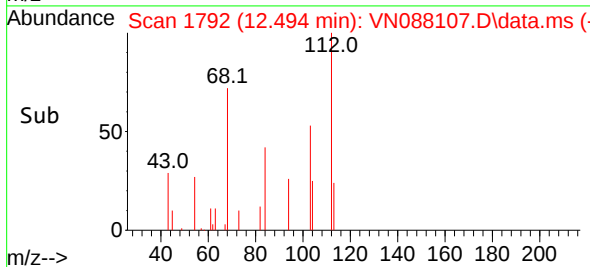
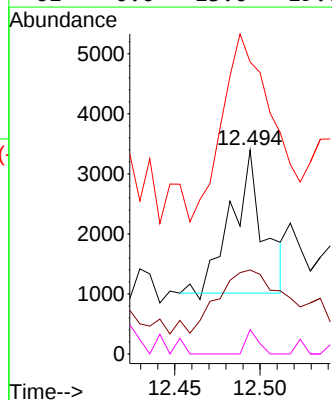
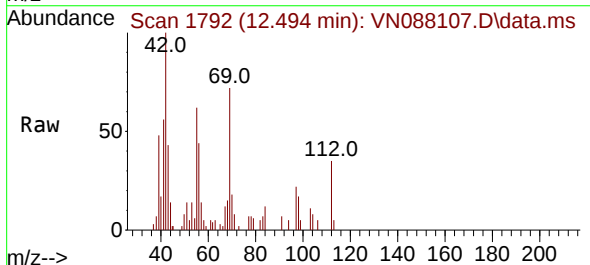
Instrument :
MSVOA_N
ClientSampleId :
101625

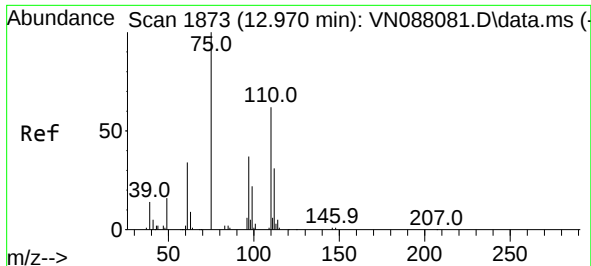
Tgt Ion:105 Resp: 18685
Ion Ratio Lower Upper
105 100
120 24.1 12.8 38.3



#74
N-ethyl acetate
Concen: 0.584 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 43 Resp: 3125
Ion Ratio Lower Upper
43 100
70 106.1 27.6 41.4#
55 205.3 13.0 19.6#
61 0.0 13.0 19.6#

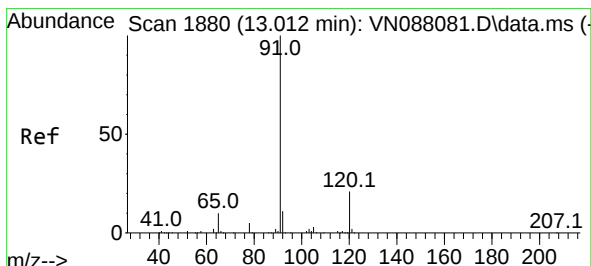
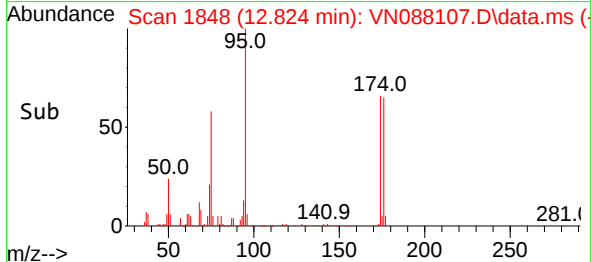
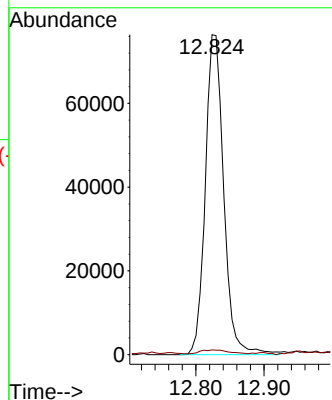
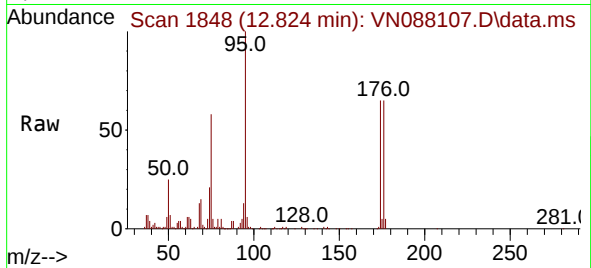




#76
1,2,3-Trichloropropane
Concen: 25.684 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. -0.147 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

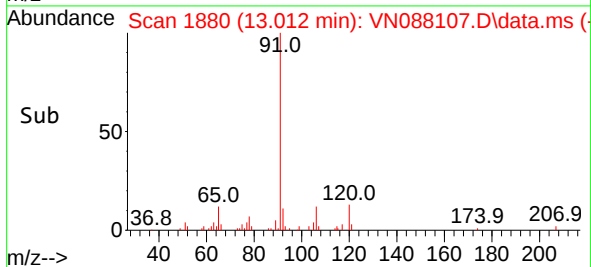
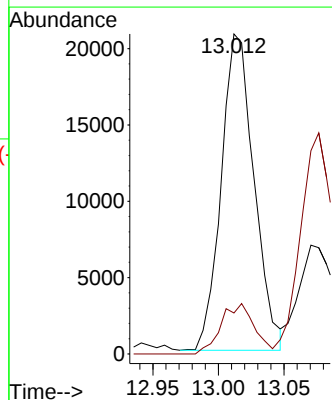
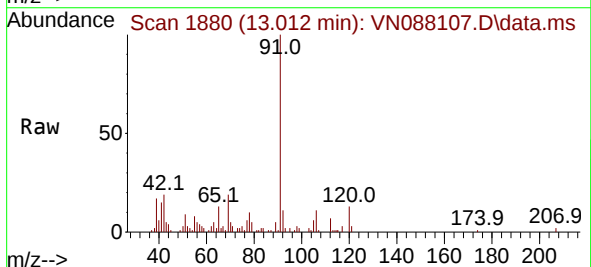
Instrument :
MSVOA_N
ClientSampleId :
101625

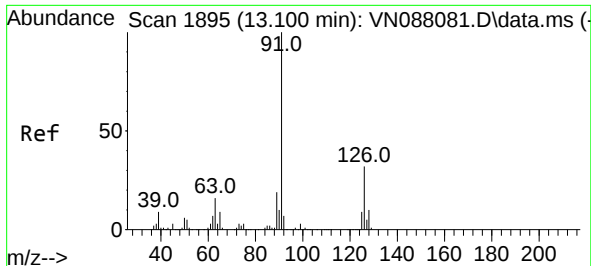
Tgt Ion: 75 Resp: 143618
Ion Ratio Lower Upper
75 100
77 1.8 89.1 267.4#



#78
n-propylbenzene
Concen: 1.568 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 91 Resp: 36089
Ion Ratio Lower Upper
91 100
120 16.1 10.7 32.1

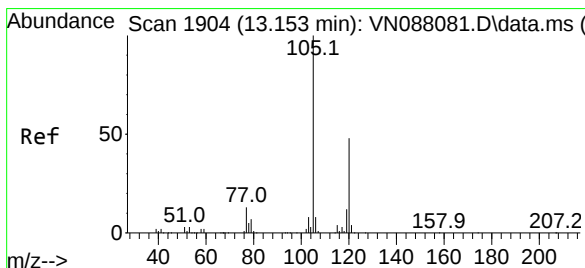
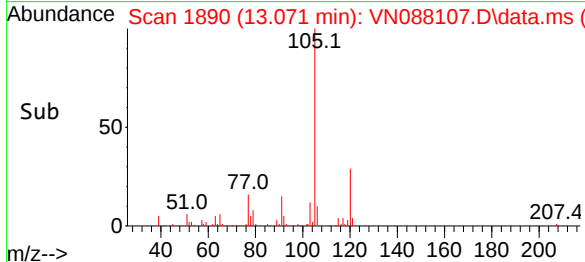
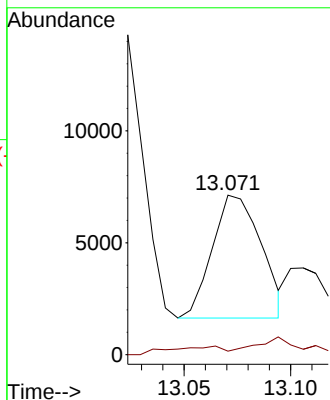
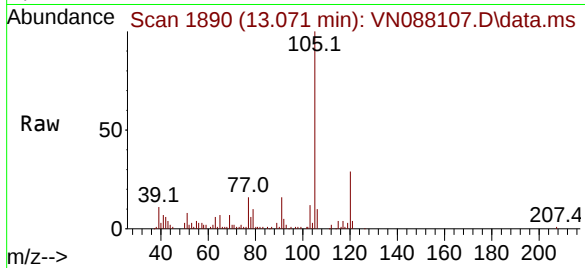




#79
2-Chlorotoluene
Concen: 0.667 ug/l
RT: 13.071 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

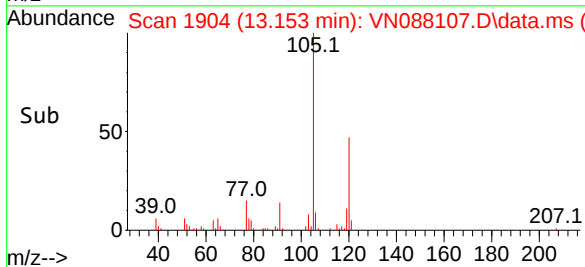
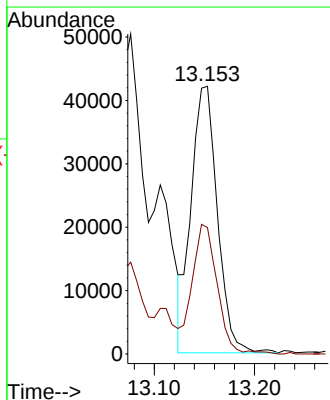
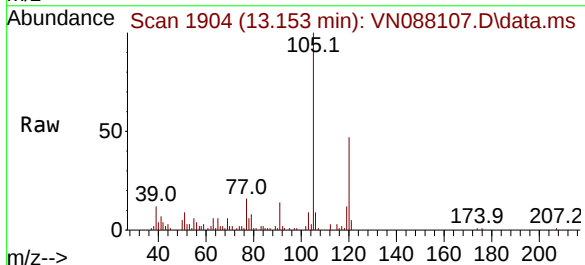
Instrument :
MSVOA_N
ClientSampleId :
101625

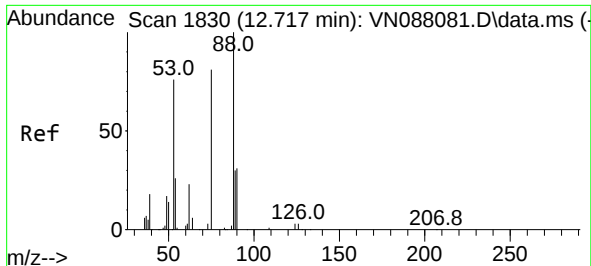
Tgt Ion: 91 Resp: 8750
Ion Ratio Lower Upper
91 100
126 7.6 16.1 48.3#



#80
1,3,5-Trimethylbenzene
Concen: 4.915 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 105 Resp: 76995
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6

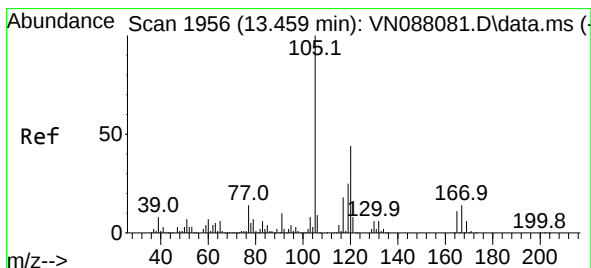
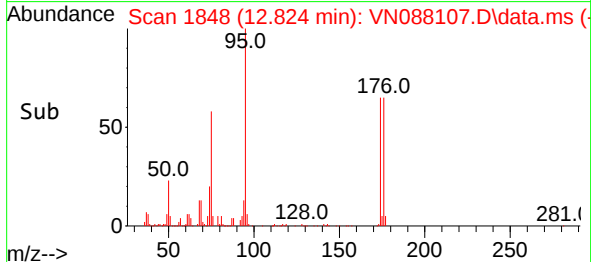
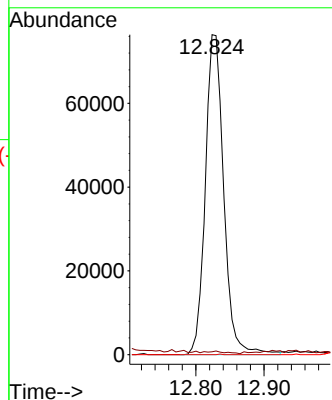
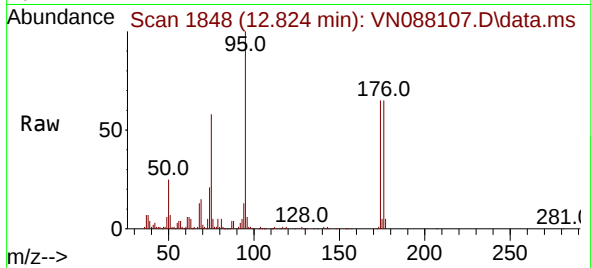




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.645 ug/l
 RT: 12.824 min Scan# 1848
 Delta R.T. 0.106 min
 Lab File: VN088107.D
 Acq: 27 Oct 2025 12:50

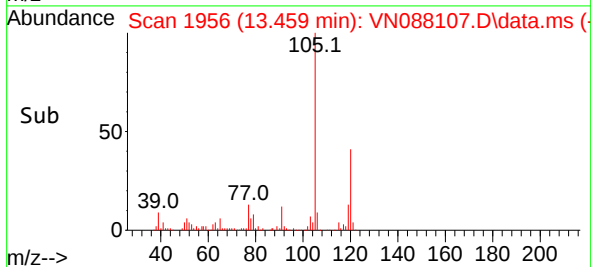
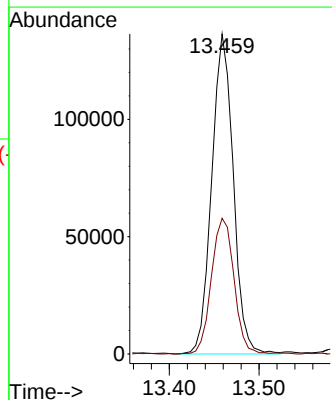
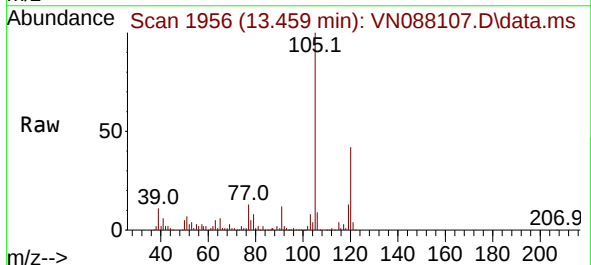
Instrument :
 MSVOA_N
 ClientSampleId :
 101625

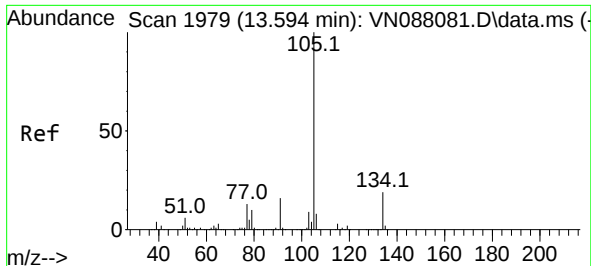
Tgt Ion: 75 Resp: 143618
 Ion Ratio Lower Upper
 75 100
 53 0.6 101.8 152.6#
 89 0.0 35.6 53.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 14.516 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088107.D
 Acq: 27 Oct 2025 12:50

Tgt Ion: 105 Resp: 227524
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.0 66.0

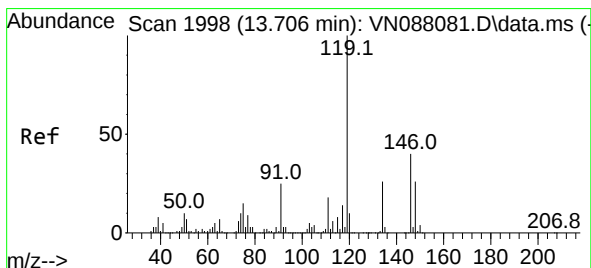
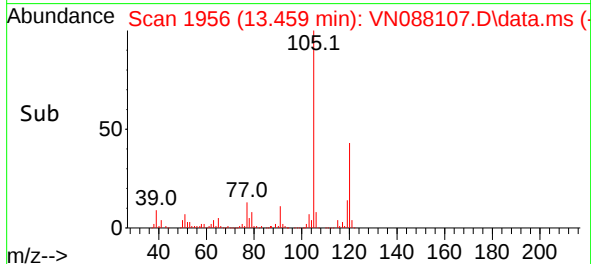
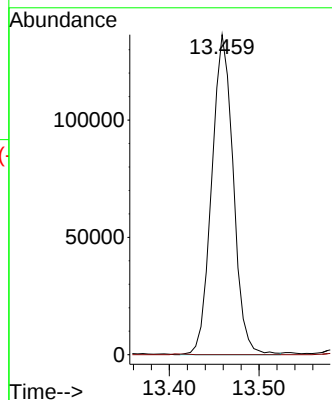
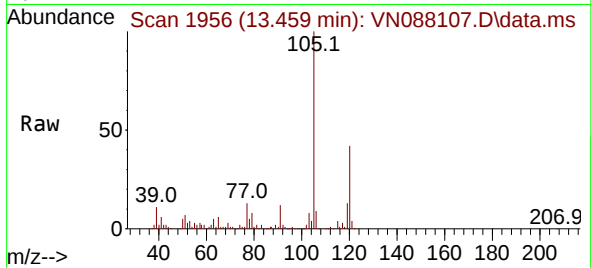




#85
 sec-Butylbenzene
 Concen: 11.066 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.135 min
 Lab File: VN088107.D
 Acq: 27 Oct 2025 12:50

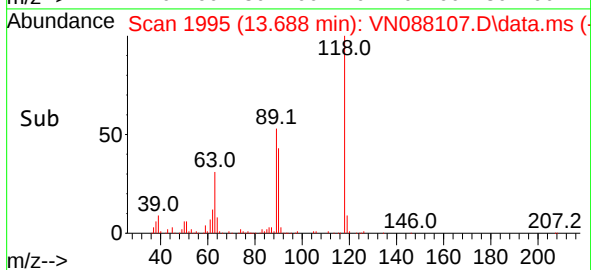
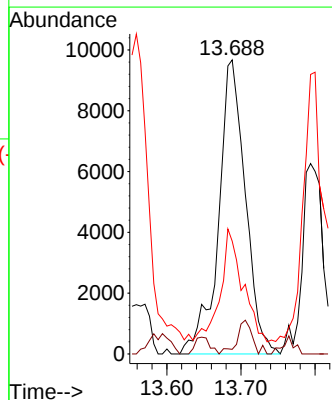
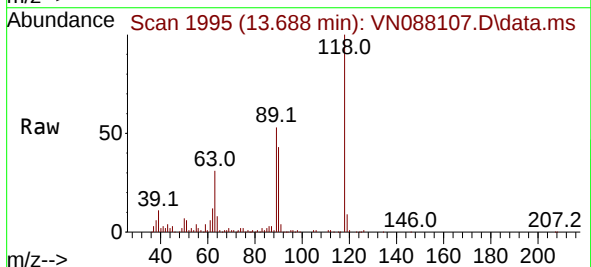
Instrument :
 MSVOA_N
 ClientSampleId :
 101625

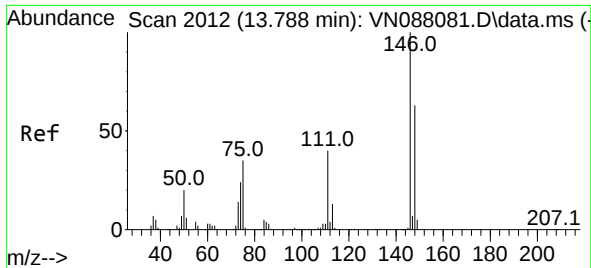
Tgt Ion:105 Resp: 227524
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 1.475 ug/l
 RT: 13.688 min Scan# 1995
 Delta R.T. -0.018 min
 Lab File: VN088107.D
 Acq: 27 Oct 2025 12:50

Tgt Ion:119 Resp: 24333
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.7 38.0#
 91 31.8 12.5 37.5

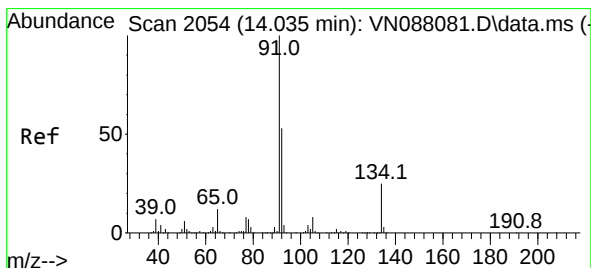
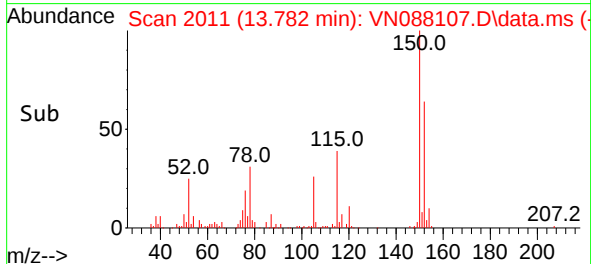
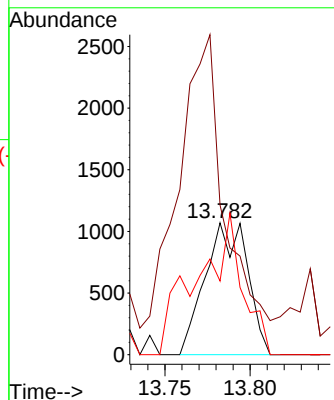
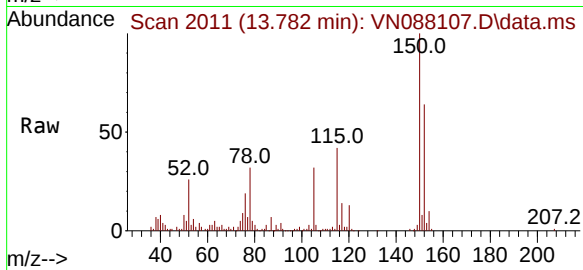




#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 13.782 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

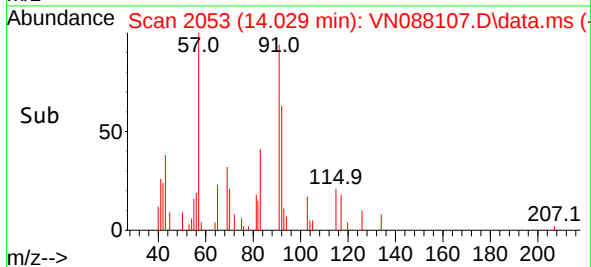
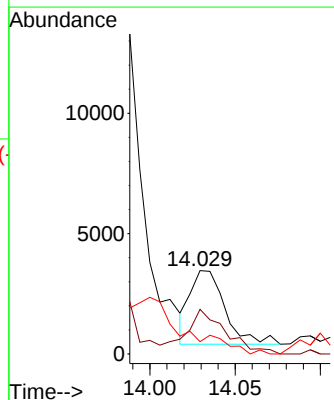
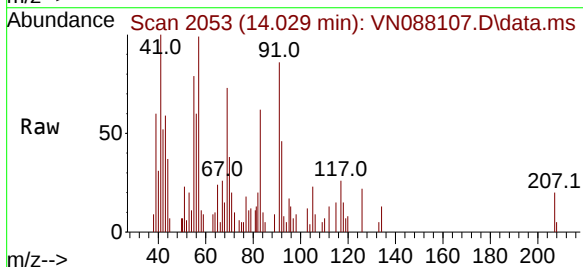
Instrument :
MSVOA_N
ClientSampleId :
101625

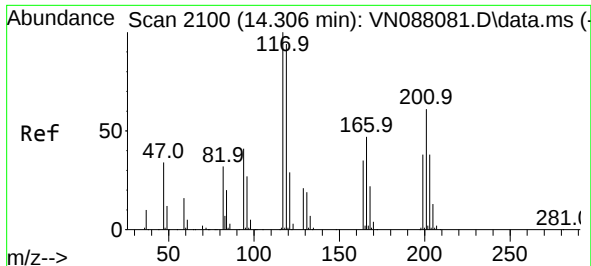
Tgt Ion	Ratio	Lower	Upper
146	100		
111	283.4	21.0	63.0#
148	115.5	32.0	96.0#



#89
n-Butylbenzene
Concen: 0.266 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	69.4	25.9	77.8
134	0.0	11.7	35.0#

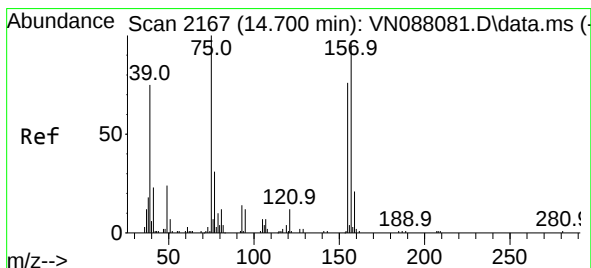
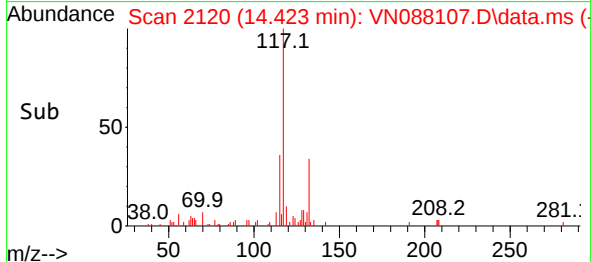
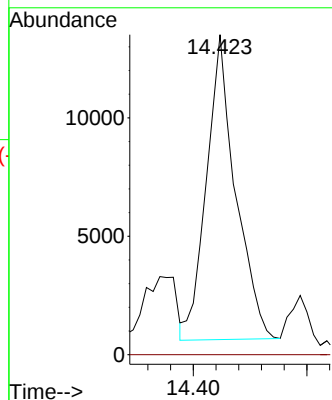
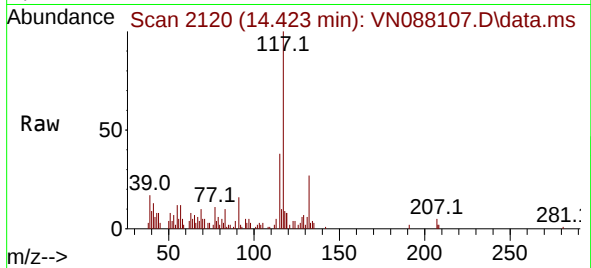




#90
Hexachloroethane
Concen: 7.142 ug/l
RT: 14.423 min Scan# 2100
Delta R.T. 0.112 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

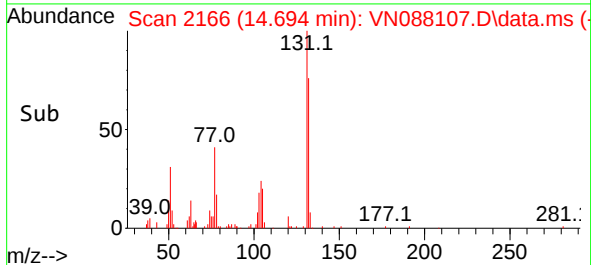
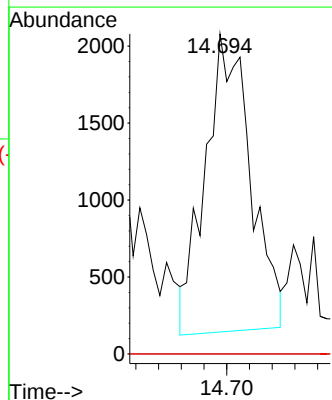
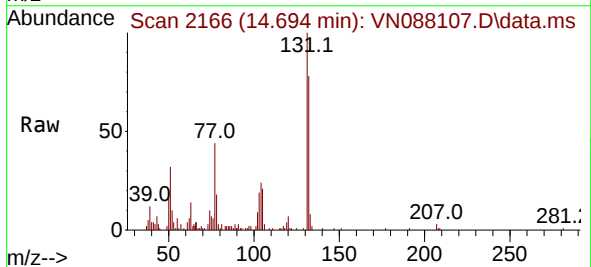
Instrument :
MSVOA_N
ClientSampleId :
101625

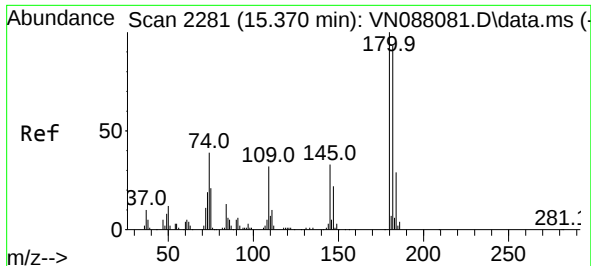
Tgt Ion:117 Resp: 22813
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.920 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion: 75 Resp: 5359
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.9#
157 0.0 45.6 136.9#

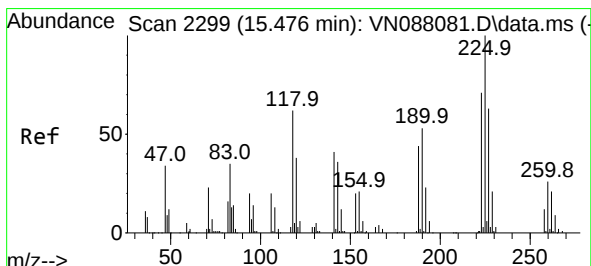
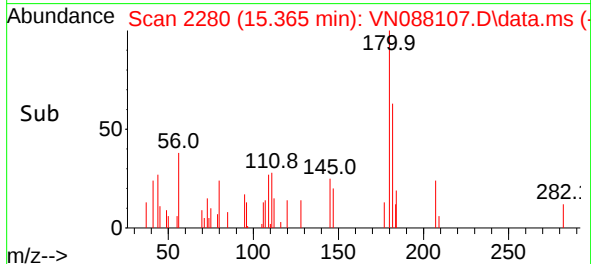
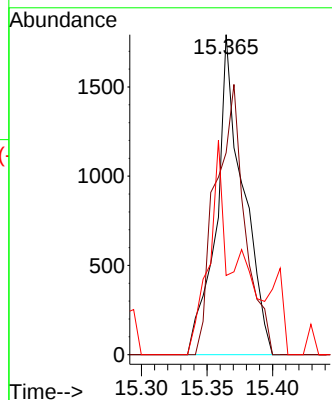
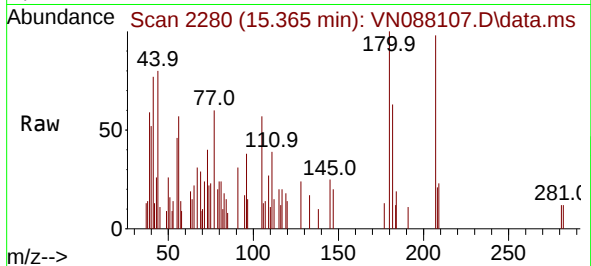




#93
1,2,4-Trichlorobenzene
Concen: 0.534 ug/l
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

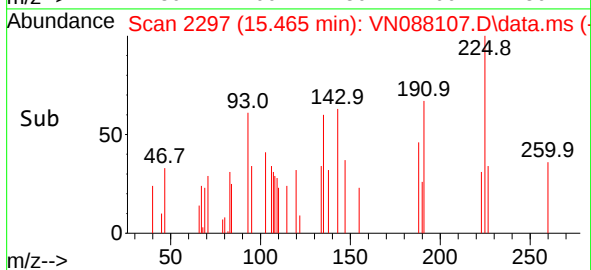
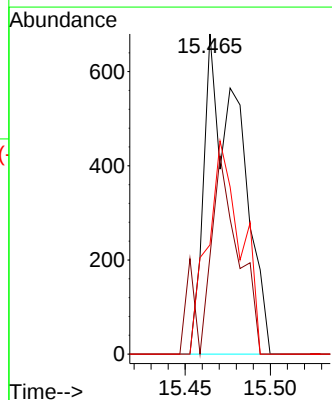
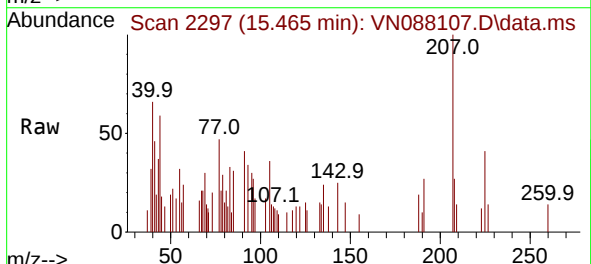
Instrument :
MSVOA_N
ClientSampleId :
101625

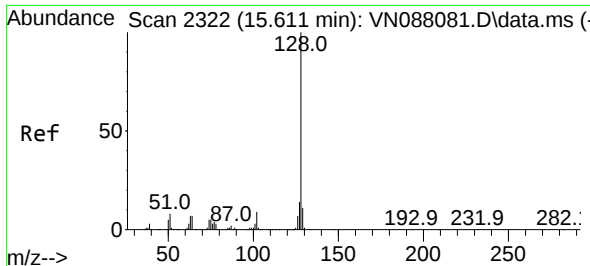
Tgt Ion:180 Resp: 2531
Ion Ratio Lower Upper
180 100
182 93.2 47.6 142.9
145 44.9 16.5 49.5



#94
Hexachlorobutadiene
Concen: 0.564 ug/l
RT: 15.465 min Scan# 2297
Delta R.T. -0.012 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion:225 Resp: 996
Ion Ratio Lower Upper
225 100
223 53.0 32.0 96.2
227 61.0 32.1 96.5

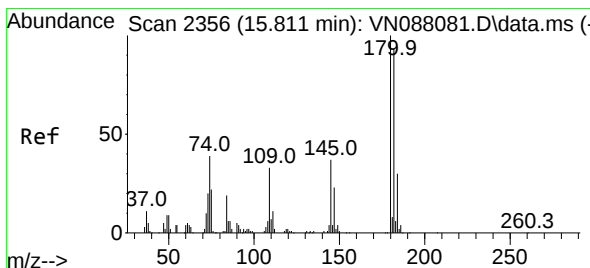
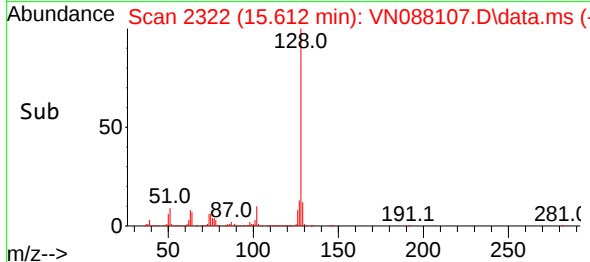
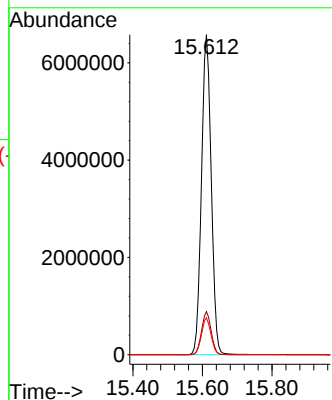
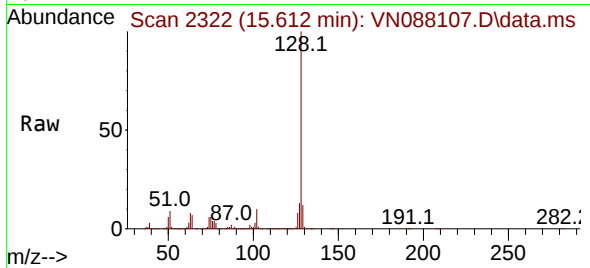




#95
Naphthalene
Concen: 787.069 ug/l
RT: 15.612 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
101625

Tgt Ion:128 Resp:12781980
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.521 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088107.D
Acq: 27 Oct 2025 12:50

Tgt Ion:180 Resp: 2366
Ion Ratio Lower Upper
180 100
182 92.1 46.8 140.3
145 52.9 17.3 52.0#

