

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088403.D
 Acq On : 02 Dec 2025 12:35
 Operator : JC\MD
 Sample : Q3738-01 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 01:27:21 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	183621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	418628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	407692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	190700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	195104	56.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.800%			
35) Dibromofluoromethane	8.147	113	147599	50.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	10.541	98	546500	50.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.260%			
62) 4-Bromofluorobenzene	12.829	95	197439	53.309	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.620%			
Target Compounds						
					Qvalue	
13) Acrolein	4.142	56	399	0.755	ug/l #	1
15) Acrylonitrile	5.794	53	7673	4.816	ug/l #	38
16) Acetone	4.430	43	14963	11.961	ug/l #	79
17) Carbon Disulfide	4.724	76	3820	0.522	ug/l #	87
18) Methyl Acetate	5.118	43	1769	0.475	ug/l #	53
20) Methylene Chloride	5.277	84	1046	0.391	ug/l #	11
25) 2-Butanone	7.471	43	2667	1.326	ug/l #	49
30) Chloroform	7.918	83	6702	1.359	ug/l #	19
31) Cyclohexane	8.236	56	116837	25.683	ug/l #	93
36) 1,1-Dichloropropene	8.206	75	19191	4.286	ug/l #	53
37) Ethyl Acetate	7.471	43	2667	0.453	ug/l #	77
38) Carbon Tetrachloride	8.206	117	21920	4.918	ug/l #	14
39) Methylcyclohexane	9.577	83	305623	63.817	ug/l	95
40) Benzene	8.583	78	18238	1.388	ug/l	93
43) Isopropyl Acetate	8.683	43	11989	1.333	ug/l #	58
45) 1,2-Dichloropropane	9.571	63	4827	1.434	ug/l #	1
47) Bromodichloromethane	9.859	83	4686	0.956	ug/l #	24
48) Methyl methacrylate	9.582	41	179410	43.716	ug/l #	77
52) Toluene	10.606	92	3039	0.401	ug/l	98
55) 1,1,2-Trichloroethane	10.982	97	15423	5.254	ug/l #	19
56) Ethyl methacrylate	10.888	69	8012	1.728	ug/l #	13
58) 2-Chloroethyl Vinyl ether	10.135	63	723	0.270	ug/l #	49
67) Ethyl Benzene	11.947	91	28233	1.764	ug/l #	89
68) m/p-Xylenes	12.047	106	3559	0.600	ug/l	74
73) Isopropylbenzene	12.671	105	46759	3.316	ug/l	99
76) 1,2,3-Trichloropropane	12.829	75	114130	25.552	ug/l #	1
78) n-propylbenzene	13.012	91	195714	11.346	ug/l	98
79) 2-Chlorotoluene	13.012	91	195714	18.580	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.318	105	14618	1.251	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.829	75	114130	72.490	ug/l #	1
82) 4-Chlorotoluene	13.012	91	195714	18.706	ug/l #	44
83) tert-Butylbenzene	13.418	119	4118	0.415	ug/l	75
84) 1,2,4-Trimethylbenzene	13.318	105	14618	1.259	ug/l	77
85) sec-Butylbenzene	13.594	105	32868	2.304	ug/l #	73
86) p-Isopropyltoluene	13.712	119	4768	0.408	ug/l	98
89) n-Butylbenzene	14.035	91	51730	4.554	ug/l #	81

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Response via : Initial Calibration

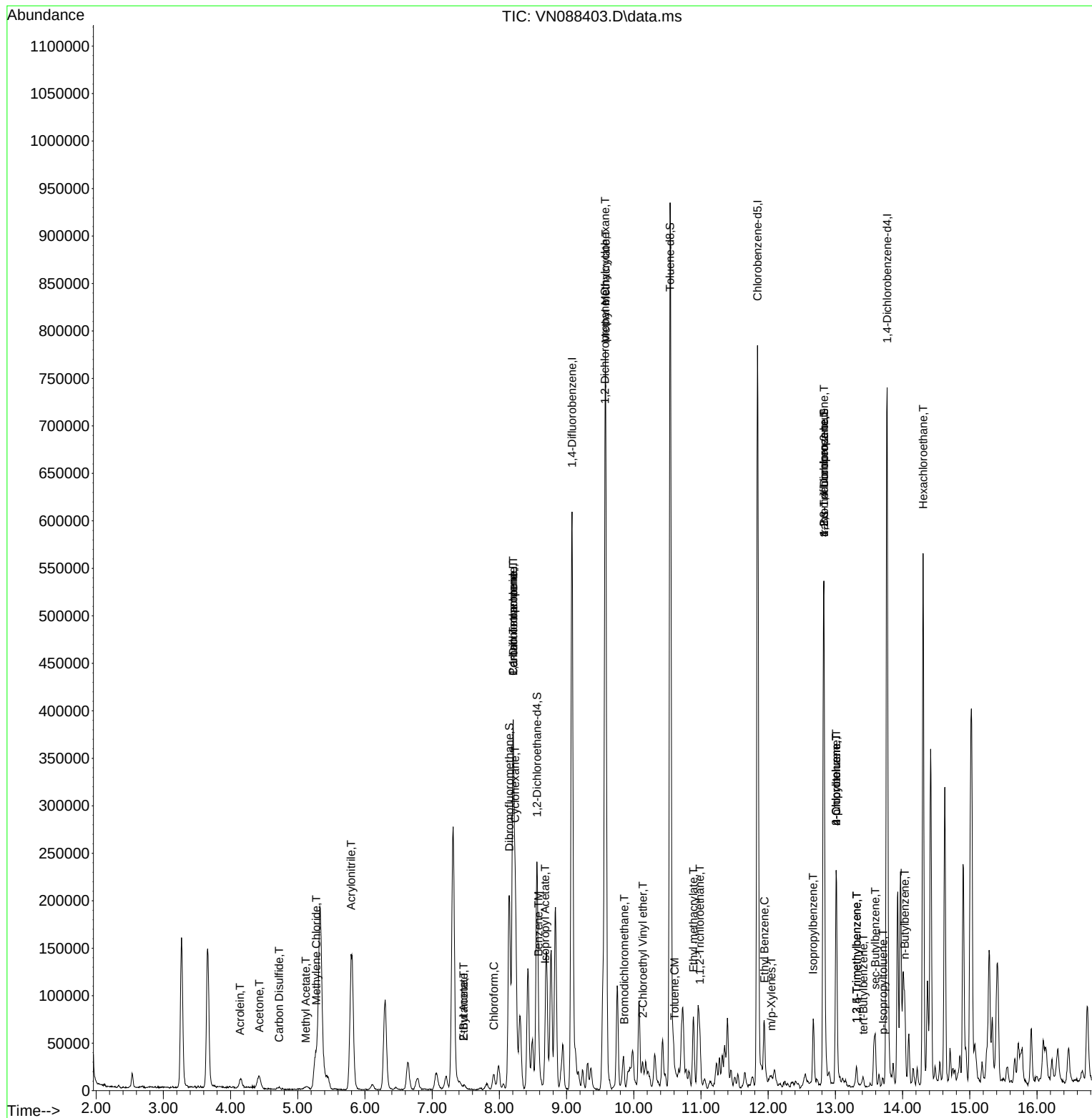
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.306	117	31743	14.851	ug/l #	20

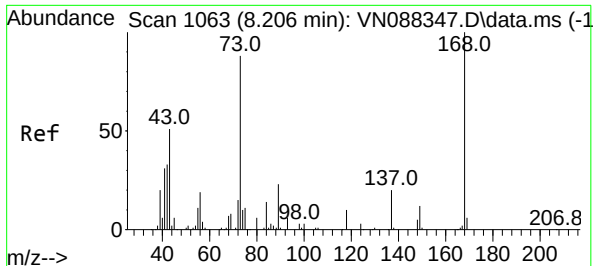
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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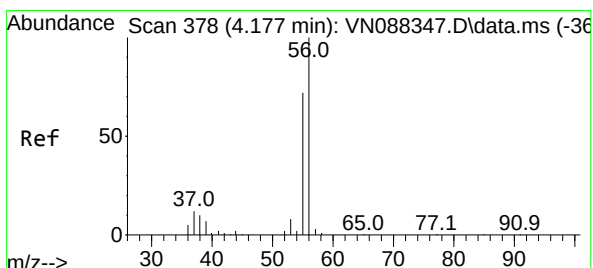
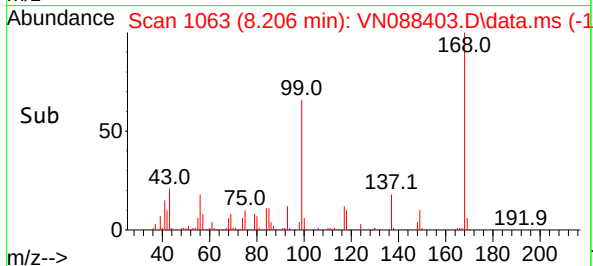
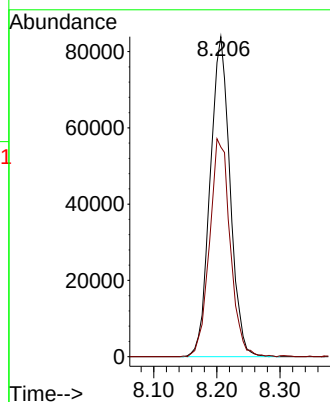
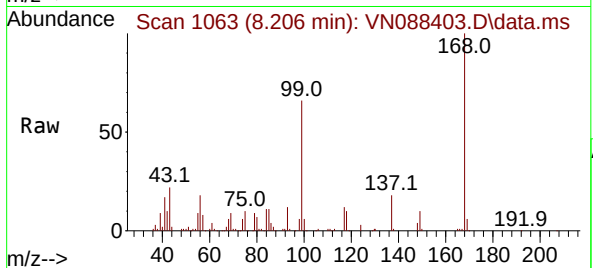




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

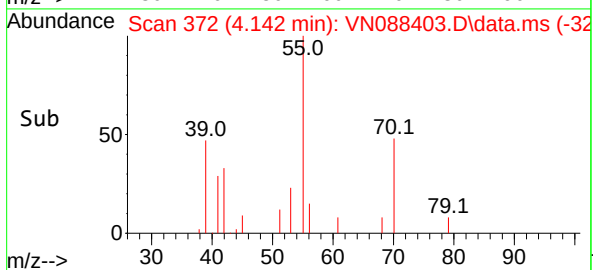
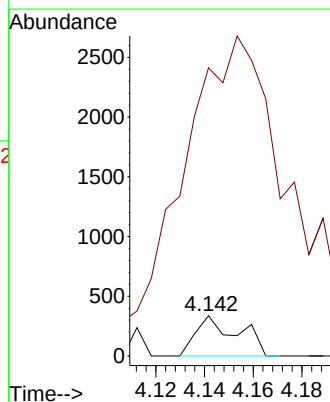
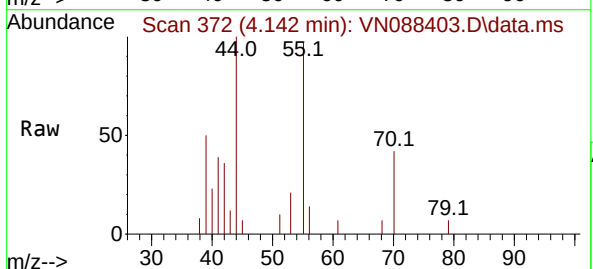
Instrument :
MSVOA_N
ClientSampleId :

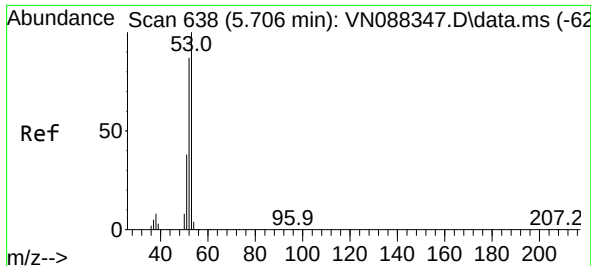
Tgt Ion:168 Resp: 183621
Ion Ratio Lower Upper
168 100
99 65.5 57.1 85.7



#13
Acrolein
Concen: 0.755 ug/l
RT: 4.142 min Scan# 372
Delta R.T. -0.035 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 56 Resp: 399
Ion Ratio Lower Upper
56 100
55 2175.9 56.3 84.5#

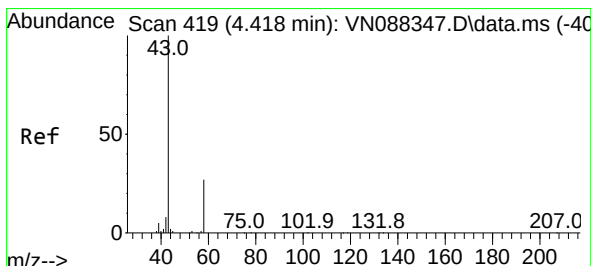
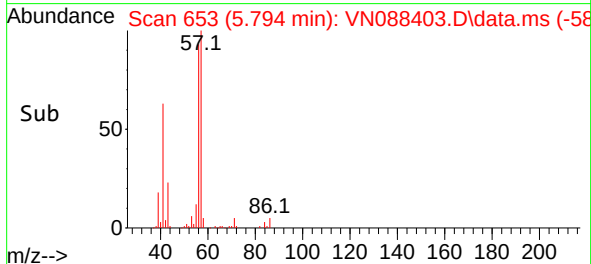
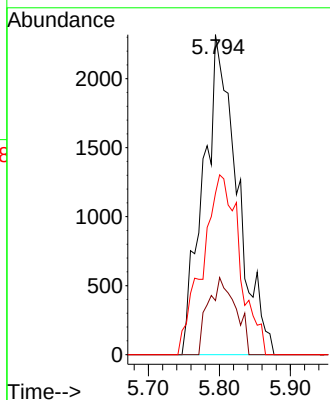
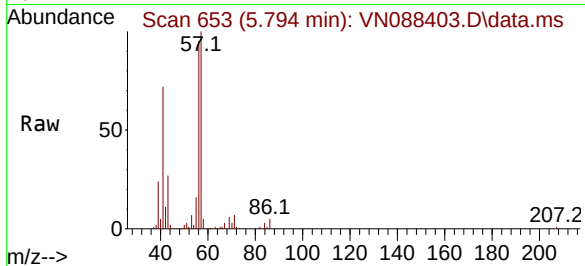




#15
Acrylonitrile
Concen: 4.816 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.088 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

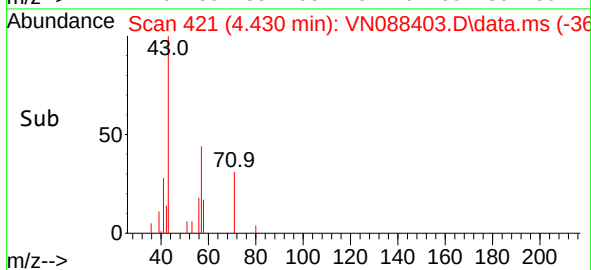
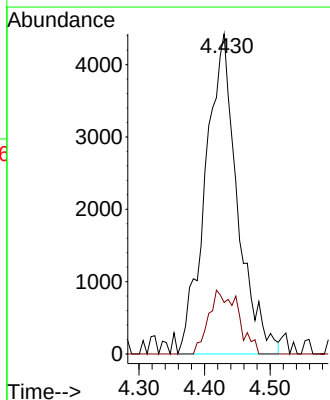
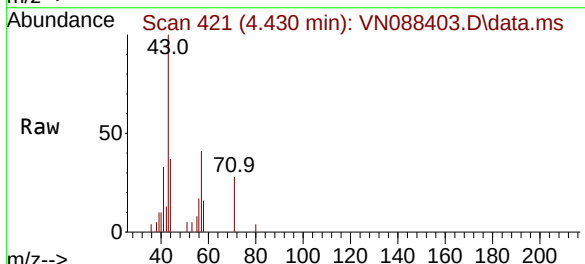
Instrument :
MSVOA_N
ClientSampleId :

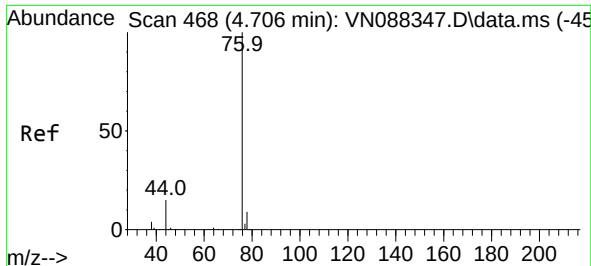
Tgt Ion: 53 Resp: 7673
Ion Ratio Lower Upper
53 100
52 19.4 67.8 101.6#
51 61.6 29.8 44.8#



#16
Acetone
Concen: 11.961 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 43 Resp: 14963
Ion Ratio Lower Upper
43 100
58 16.1 21.7 32.5#

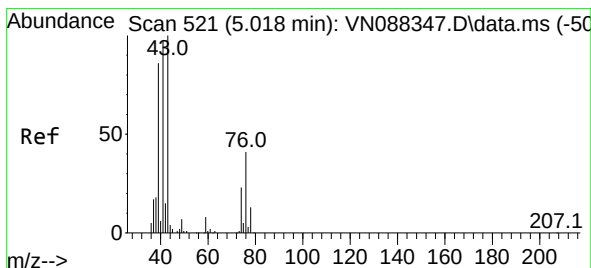
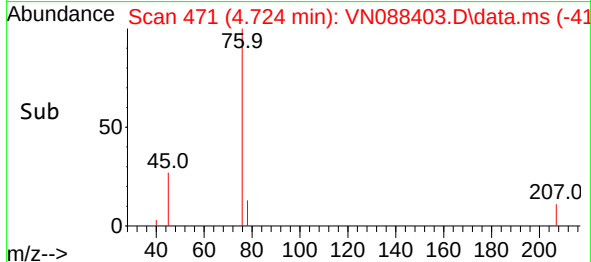
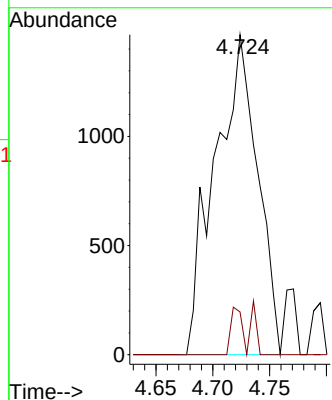
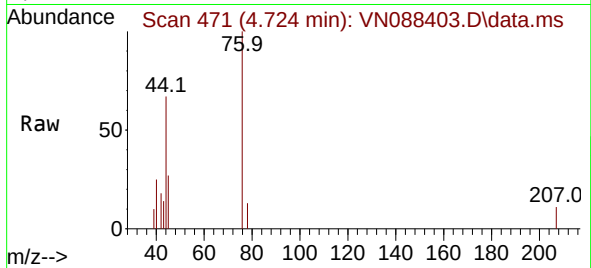




#17
Carbon Disulfide
Concen: 0.522 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

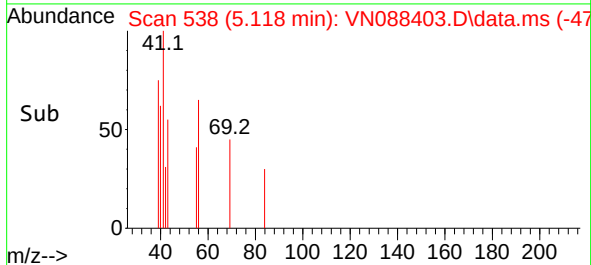
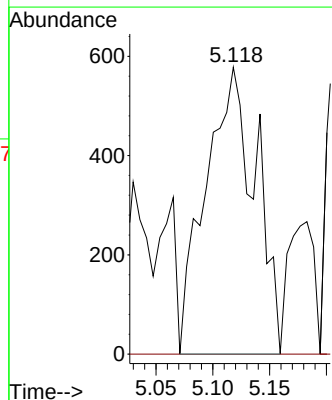
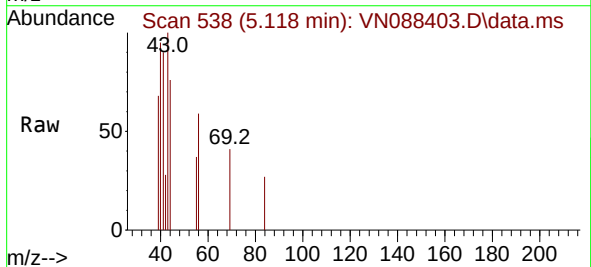
Instrument :
MSVOA_N
ClientSampleId :

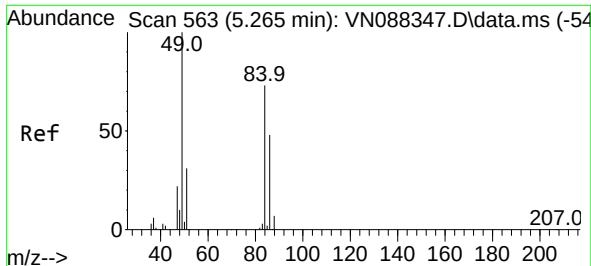
Tgt Ion: 76 Resp: 3820
Ion Ratio Lower Upper
76 100
78 13.4 7.0 10.4#



#18
Methyl Acetate
Concen: 0.475 ug/l
RT: 5.118 min Scan# 538
Delta R.T. 0.100 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
74 0.0 17.9 26.9#





#20

Methylene Chloride

Concen: 0.391 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.012 min

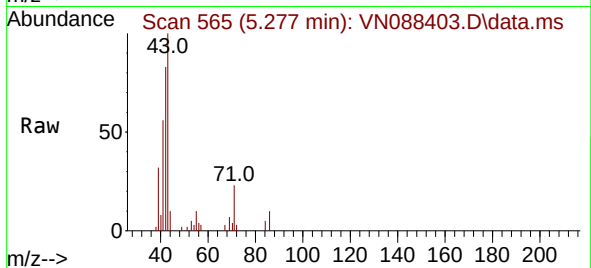
Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 1046

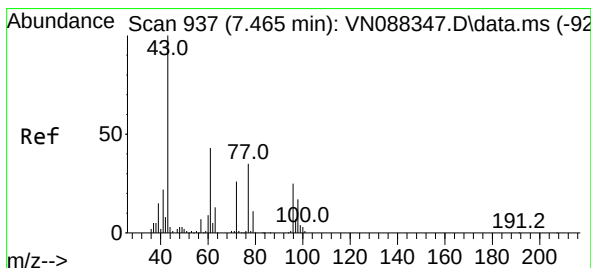
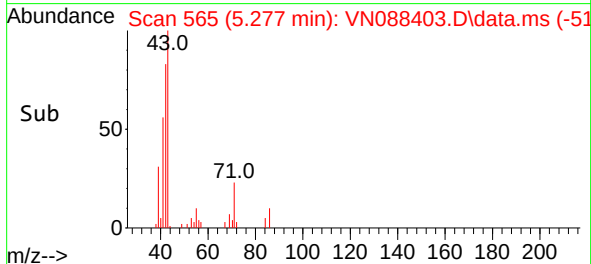
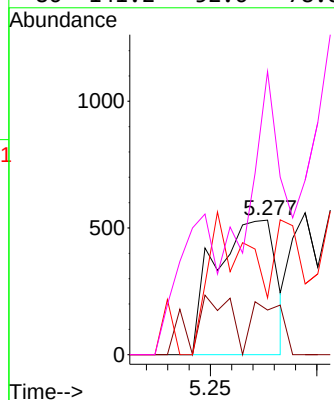
Ion Ratio Lower Upper

84 100

49 0.0 110.2 165.2#

51 42.2 34.1 51.1

86 141.2 52.6 78.8#



#25

2-Butanone

Concen: 1.326 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN088403.D

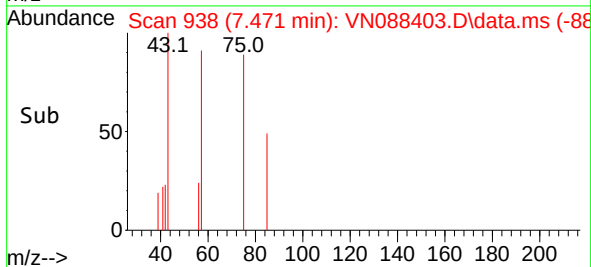
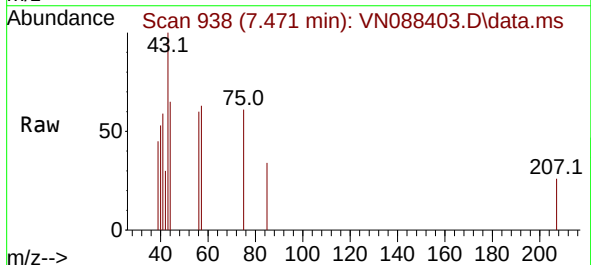
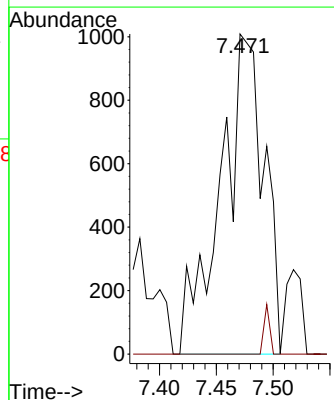
Acq: 02 Dec 2025 12:35

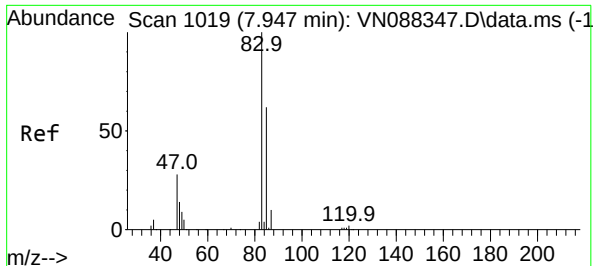
Tgt Ion: 43 Resp: 2667

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#





#30

Chloroform

Concen: 1.359 ug/l

RT: 7.918 min Scan# 1014

Delta R.T. -0.029 min

Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

Instrument :

MSVOA_N

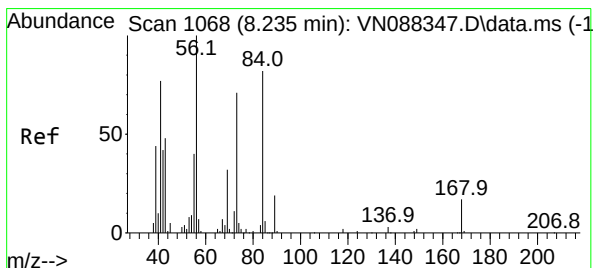
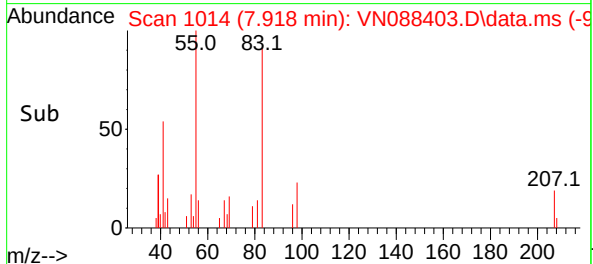
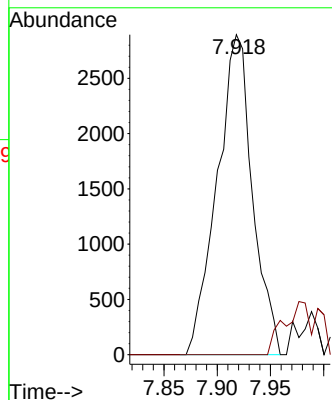
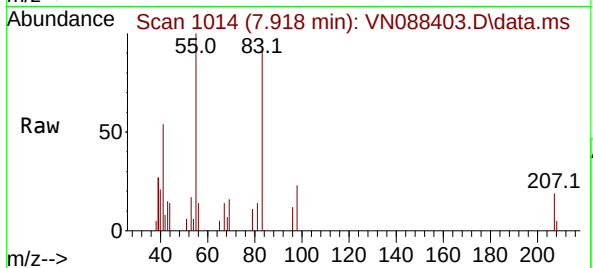
ClientSampleId :

Tgt Ion: 83 Resp: 6702

Ion Ratio Lower Upper

83 100

85 0.0 49.8 74.8#



#31

Cyclohexane

Concen: 25.683 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

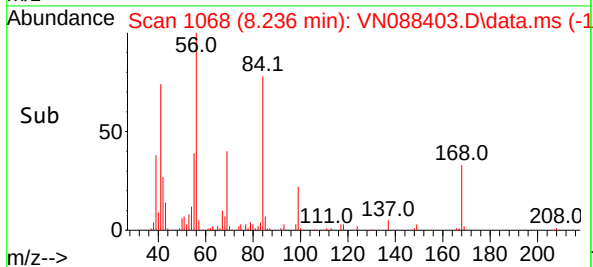
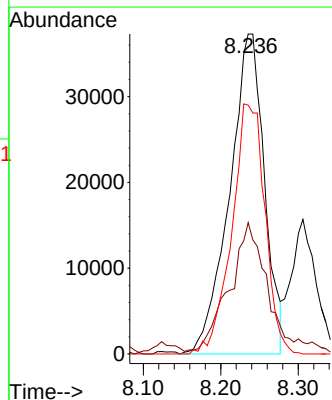
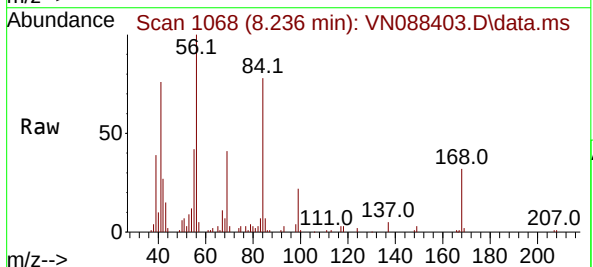
Tgt Ion: 56 Resp: 116837

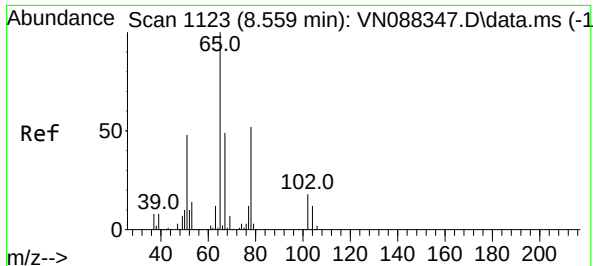
Ion Ratio Lower Upper

56 100

69 39.3 25.3 37.9#

84 77.7 65.4 98.2





#33

1,2-Dichloroethane-d4

Concen: 56.404 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

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Instrument :

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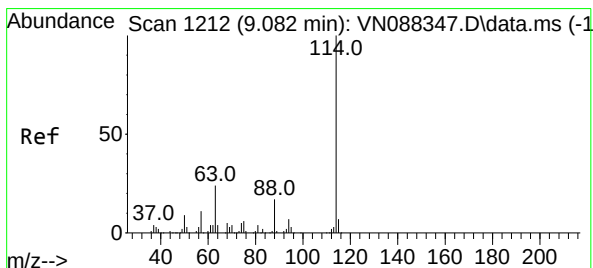
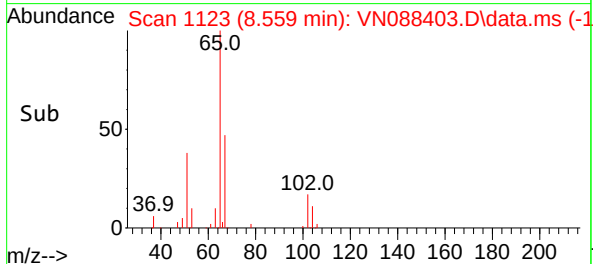
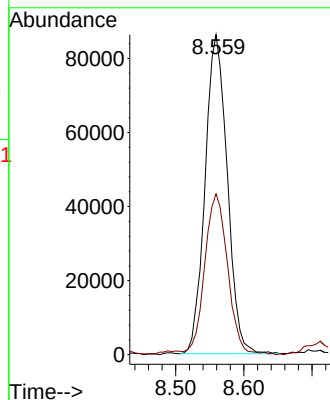
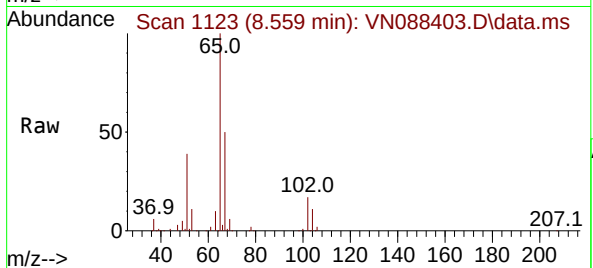
ClientSampleId :

Tgt Ion: 65 Resp: 195104

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

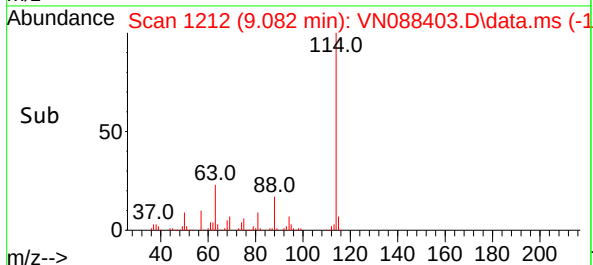
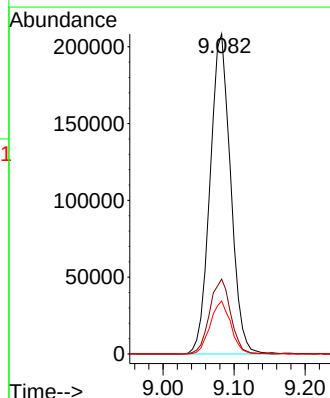
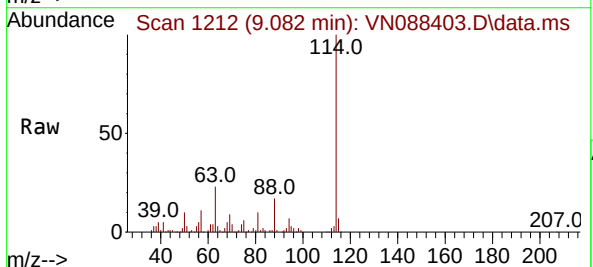
Tgt Ion: 114 Resp: 418628

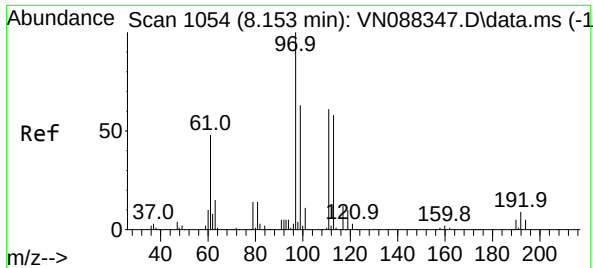
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.0

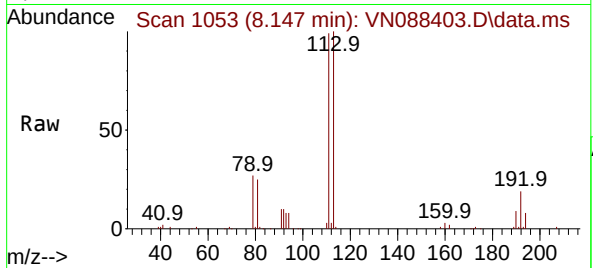
88 16.6 0.0 34.0



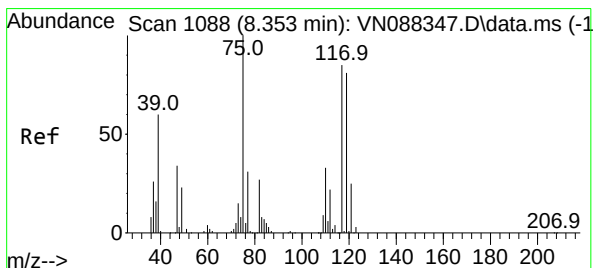
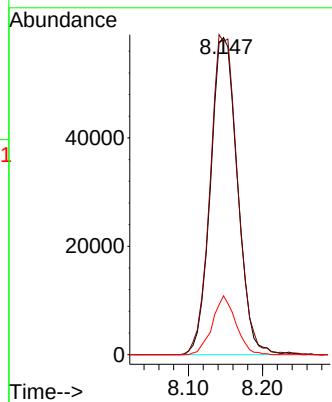
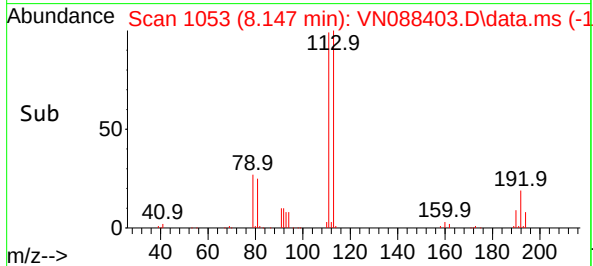


#35
Dibromofluoromethane
Concen: 50.877 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :

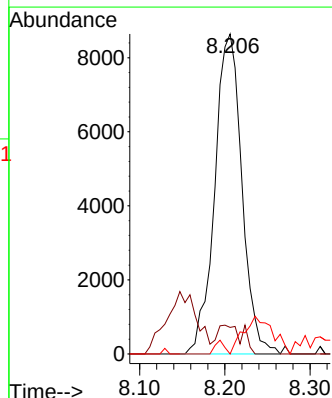
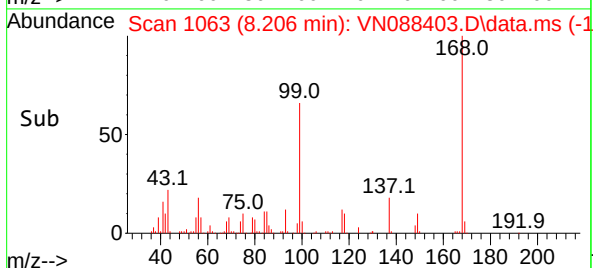
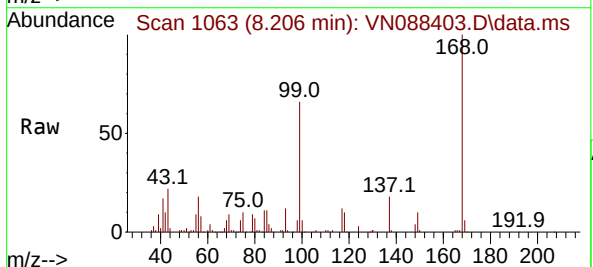


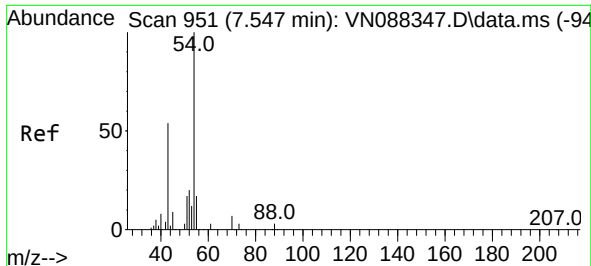
Tgt Ion:113 Resp: 147599
Ion Ratio Lower Upper
113 100
111 102.7 82.5 123.7
192 16.2 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 75 Resp: 19191
Ion Ratio Lower Upper
75 100
110 8.5 15.8 47.4#
77 1.4 24.2 36.2#





#37

Ethyl Acetate

Concen: 0.453 ug/l

RT: 7.471 min Scan# 91

Delta R.T. -0.076 min

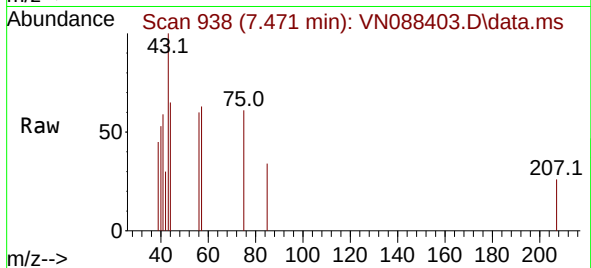
Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

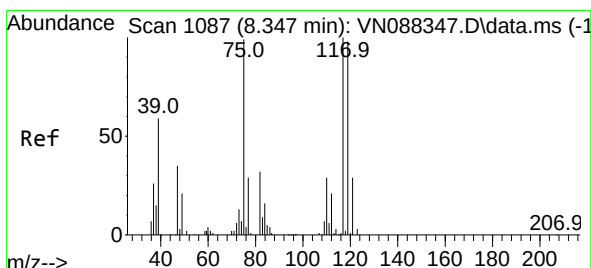
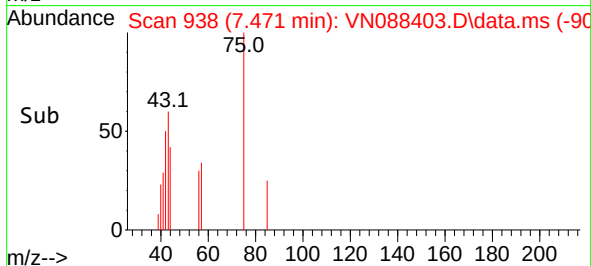
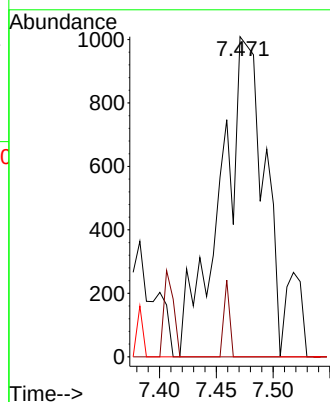
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	2667
Ion	Ratio	Lower	Upper
43	100		
61	3.2	9.5	14.3#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 4.918 ug/l

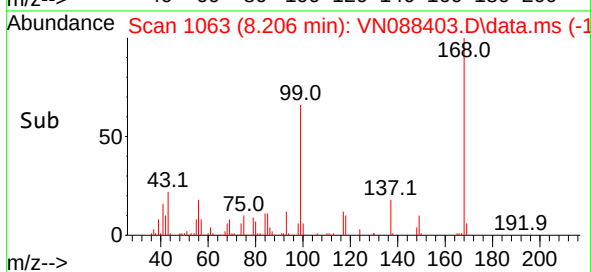
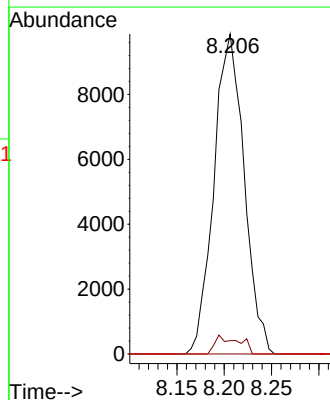
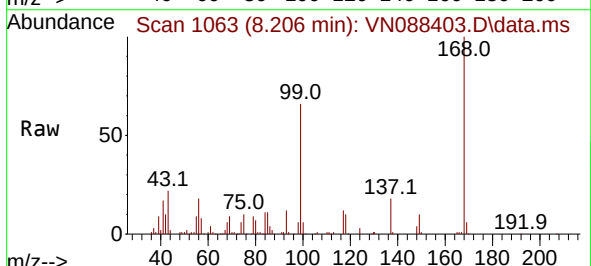
RT: 8.206 min Scan# 1063

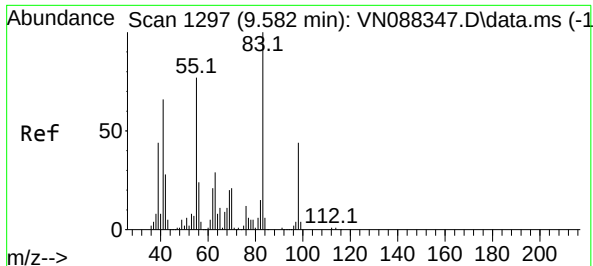
Delta R.T. -0.141 min

Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

Tgt Ion:	117	Resp:	21920
Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.2	117.4#
121	0.0	23.4	35.2#





#39

Methylcyclohexane

Concen: 63.817 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

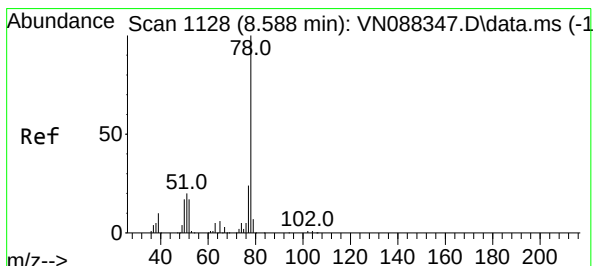
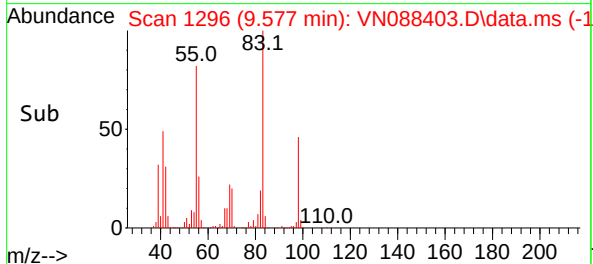
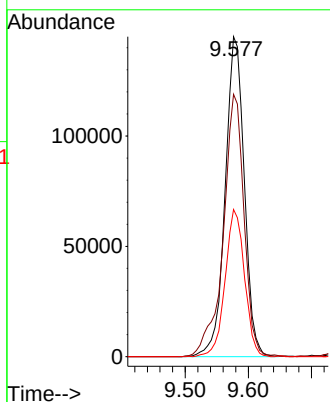
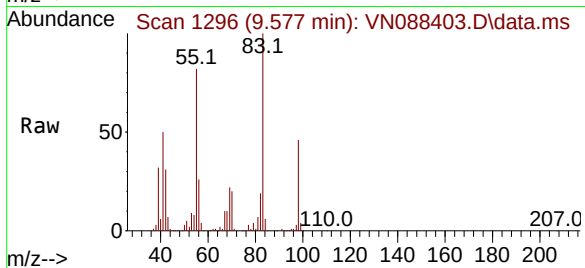
Tgt Ion: 83 Resp: 305623

Ion Ratio Lower Upper

83 100

55 82.0 61.6 92.4

98 46.0 35.3 52.9



#40

Benzene

Concen: 1.388 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088403.D

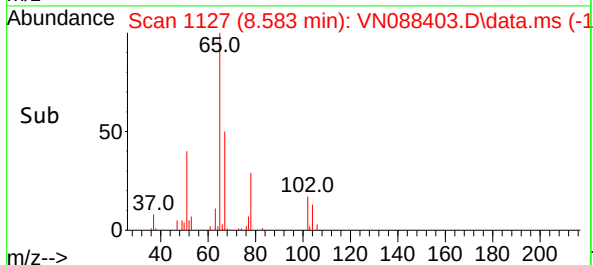
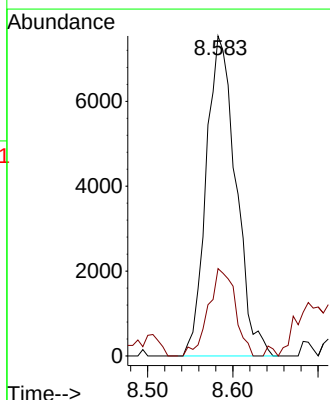
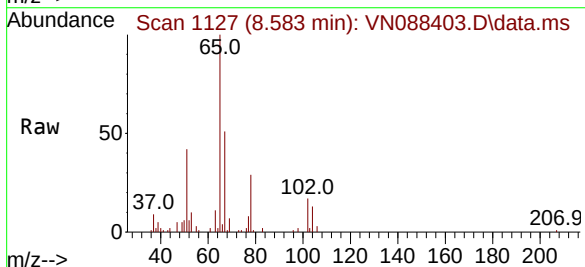
Acq: 02 Dec 2025 12:35

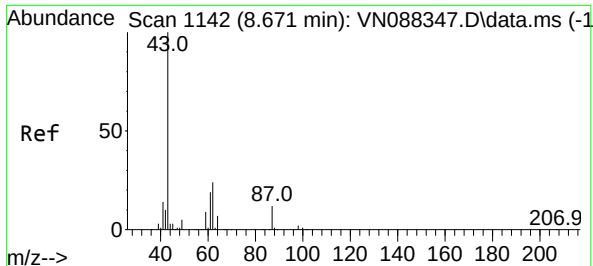
Tgt Ion: 78 Resp: 18238

Ion Ratio Lower Upper

78 100

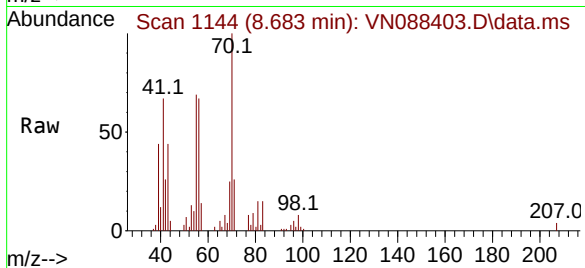
77 27.3 19.0 28.4



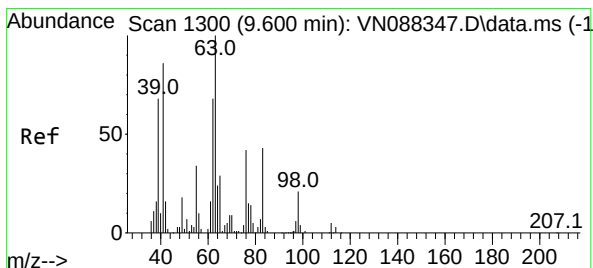
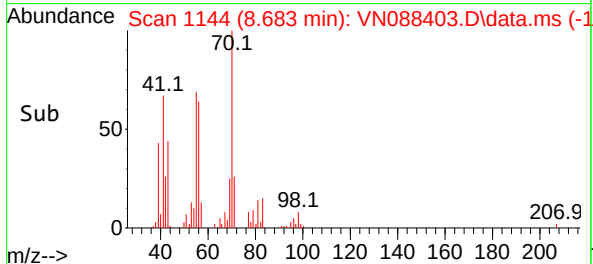
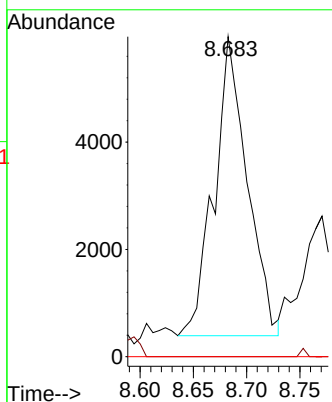


#43
Isopropyl Acetate
Concen: 1.333 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :

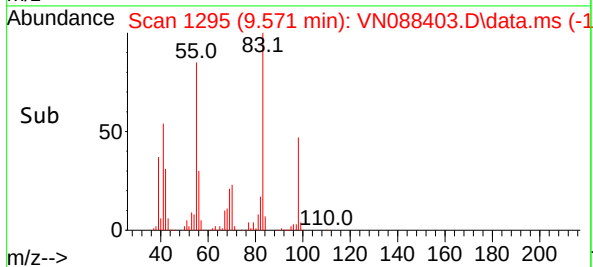
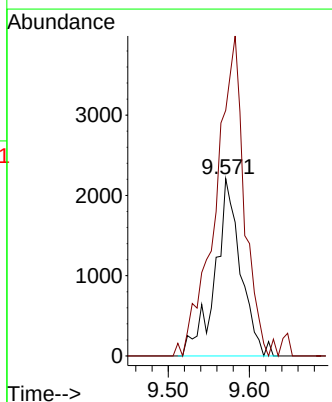
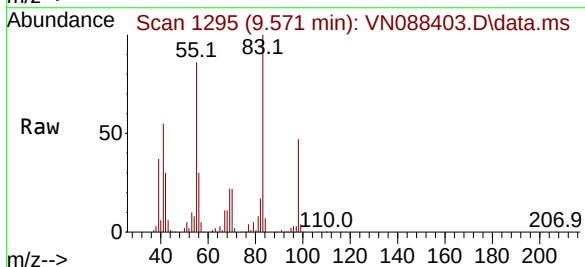


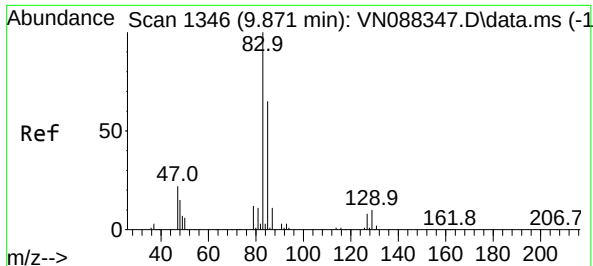
Tgt Ion: 43 Resp: 11989
Ion Ratio Lower Upper
43 100
61 0.0 18.7 28.1#
87 0.0 9.1 13.7#



#45
1,2-Dichloropropane
Concen: 1.434 ug/l
RT: 9.571 min Scan# 1295
Delta R.T. -0.029 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 63 Resp: 4827
Ion Ratio Lower Upper
63 100
65 138.6 23.0 34.4#





#47

Bromodichloromethane

Concen: 0.956 ug/l

RT: 9.859 min Scan# 11

Delta R.T. -0.012 min

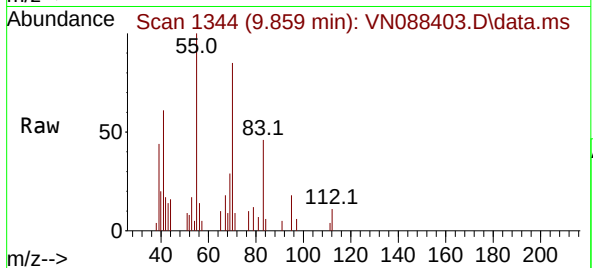
Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :



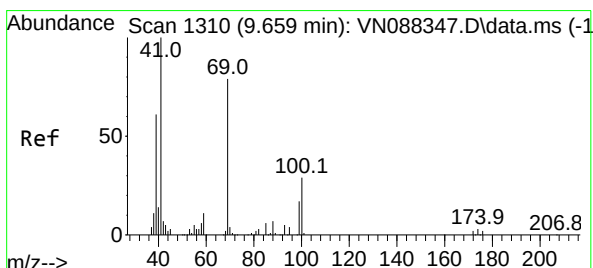
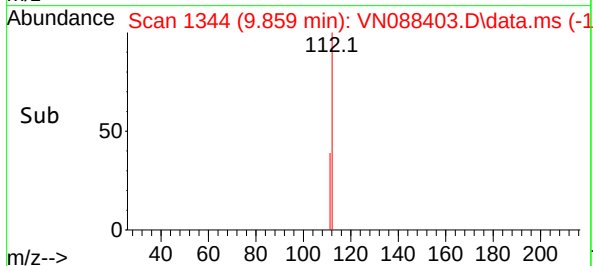
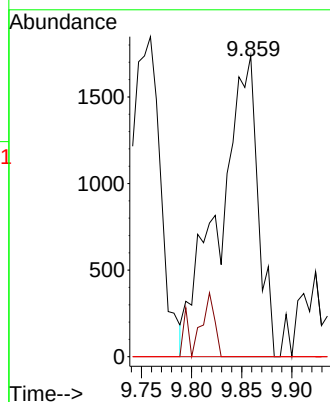
Tgt Ion: 83 Resp: 4686

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 6.3 9.5#



#48

Methyl methacrylate

Concen: 43.716 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.076 min

Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

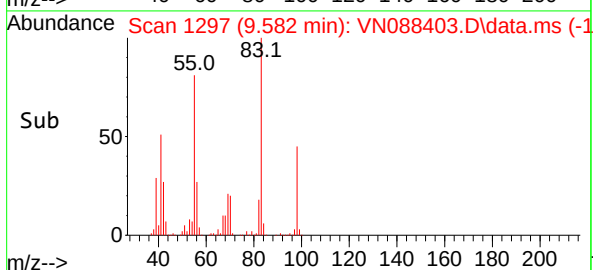
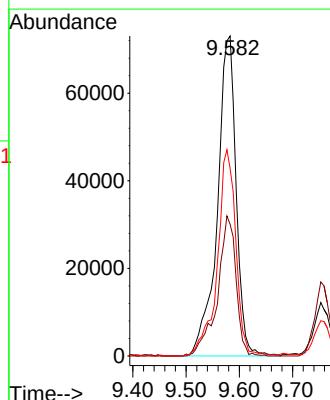
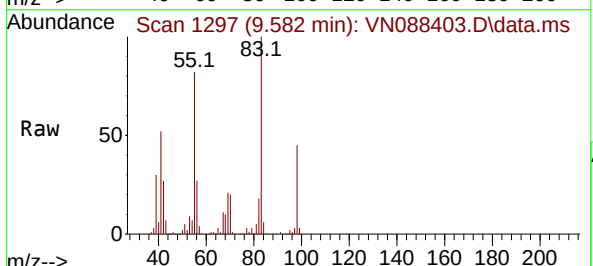
Tgt Ion: 41 Resp: 179410

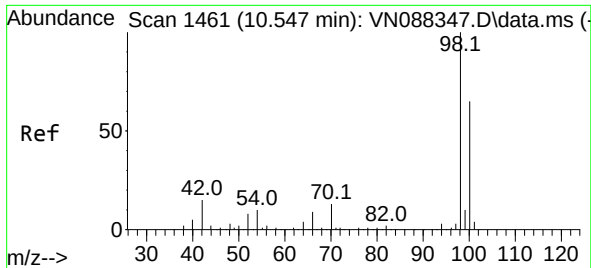
Ion Ratio Lower Upper

41 100

69 43.1 62.4 93.6#

39 63.6 52.6 79.0

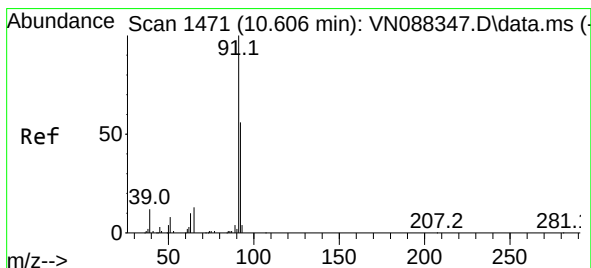
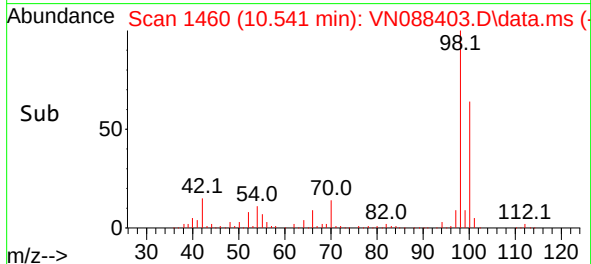
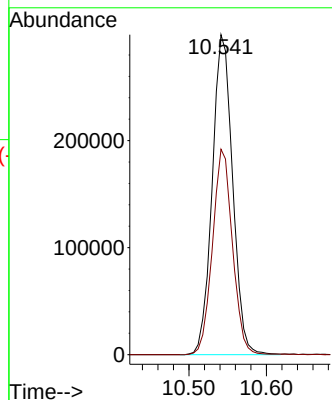
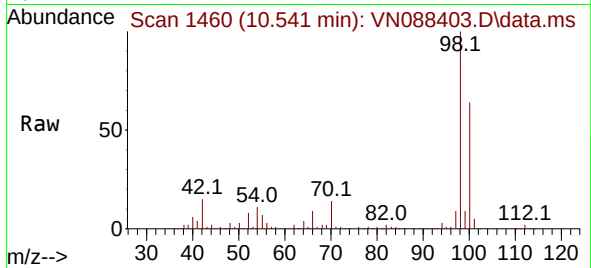




#50
Toluene-d8
Concen: 50.629 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

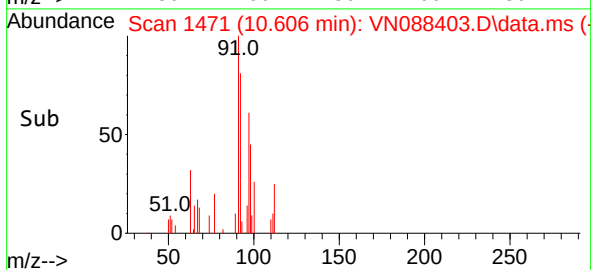
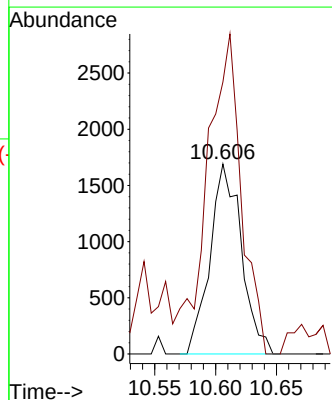
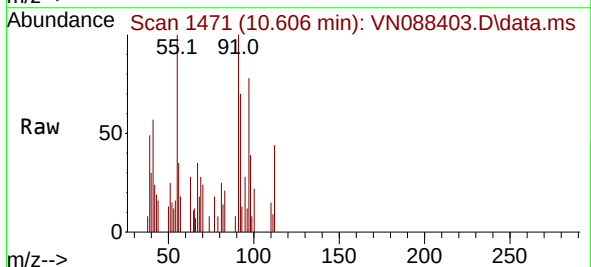
Instrument :
MSVOA_N
ClientSampleId :

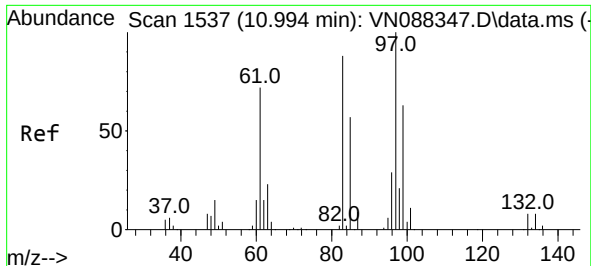
Tgt Ion: 98 Resp: 546500
Ion Ratio Lower Upper
98 100
100 63.0 52.2 78.2



#52
Toluene
Concen: 0.401 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

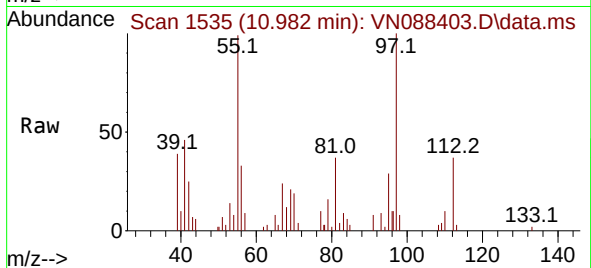
Tgt Ion: 92 Resp: 3039
Ion Ratio Lower Upper
92 100
91 178.6 140.2 210.2



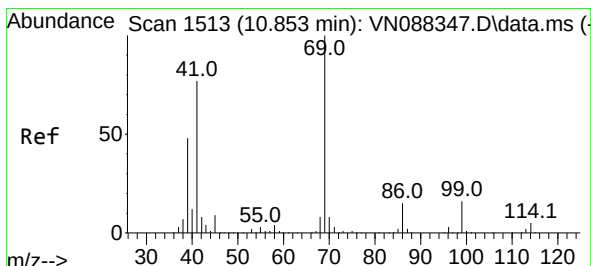
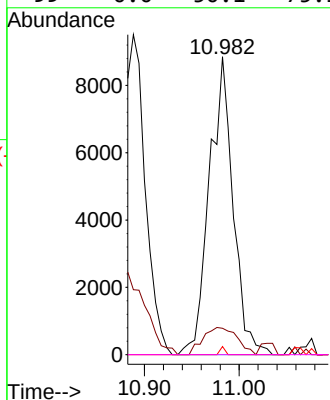
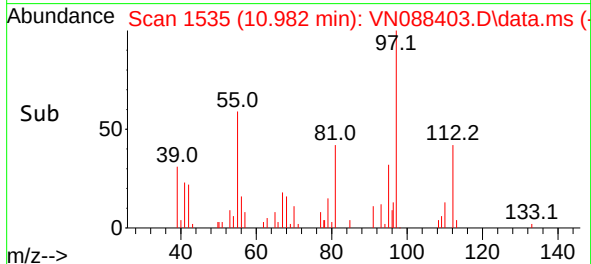


#55
1,1,2-Trichloroethane
Concen: 5.254 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.012 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

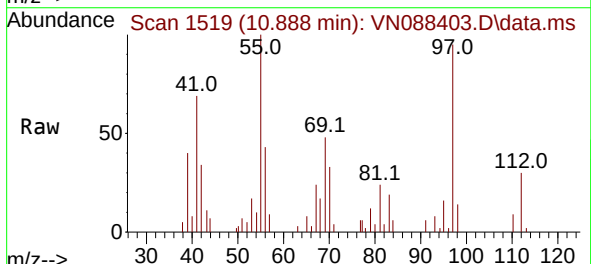
Instrument :
MSVOA_N
ClientSampleId :



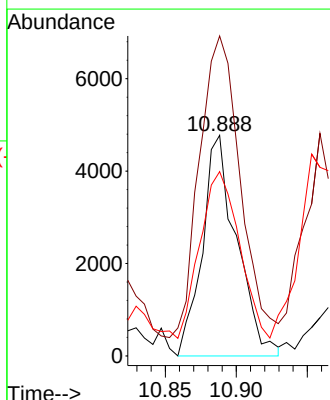
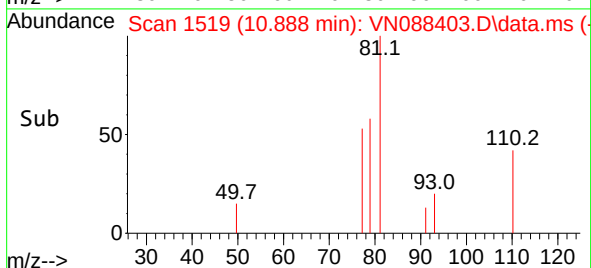
Tgt Ion: 97 Resp: 15423
Ion Ratio Lower Upper
97 100
83 8.9 70.4 105.6#
85 2.7 45.4 68.2#
99 0.0 50.1 75.1#

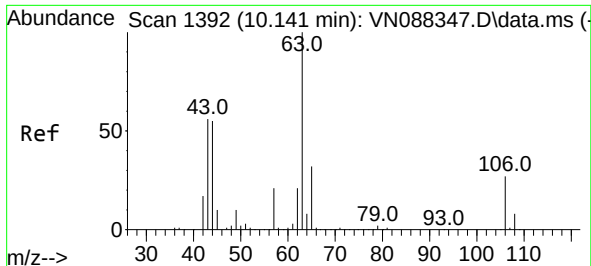


#56
Ethyl methacrylate
Concen: 1.728 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.035 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35



Tgt Ion: 69 Resp: 8012
Ion Ratio Lower Upper
69 100
41 161.5 59.6 89.4#
39 85.8 36.4 54.6#

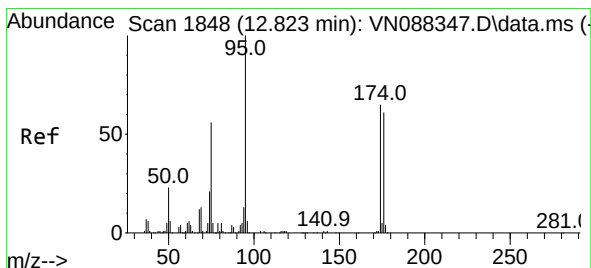
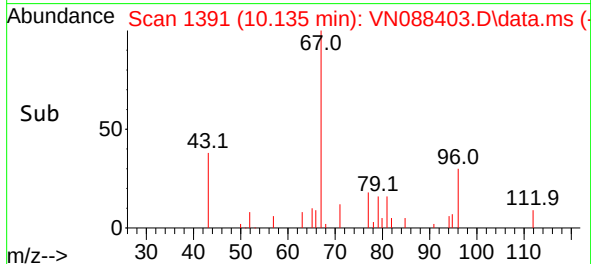
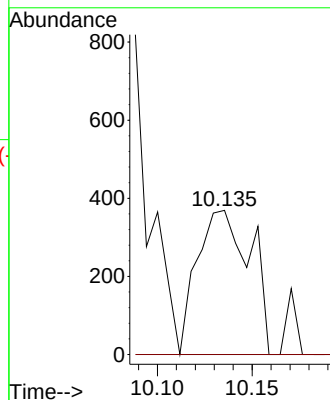
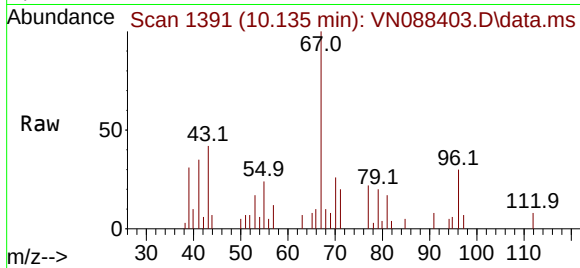




#58
2-Chloroethyl Vinyl ether
Concen: 0.270 ug/l
RT: 10.135 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

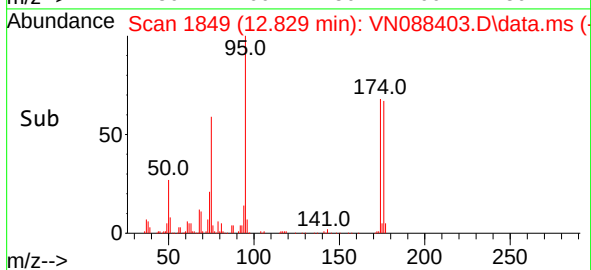
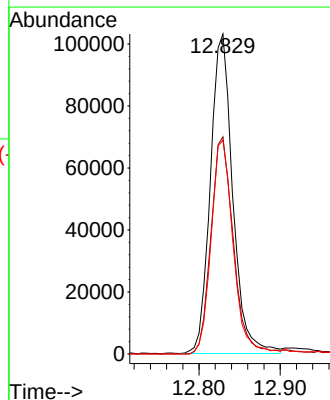
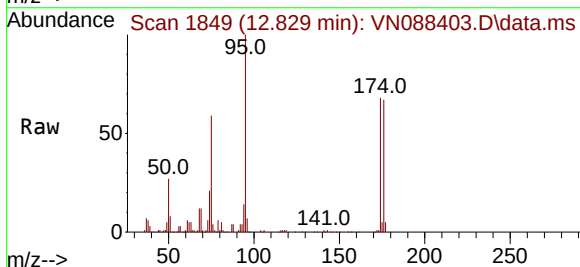
Instrument :
MSVOA_N
ClientSampleId :

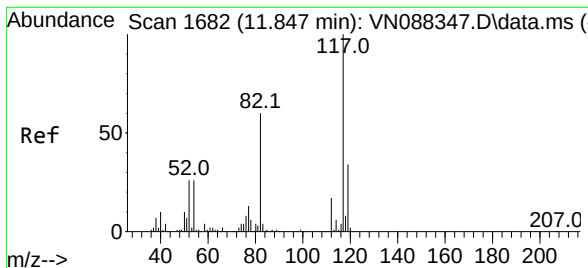
Tgt Ion: 63 Resp: 723
Ion Ratio Lower Upper
63 100
106 0.0 20.5 30.7#



#62
4-Bromofluorobenzene
Concen: 53.309 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

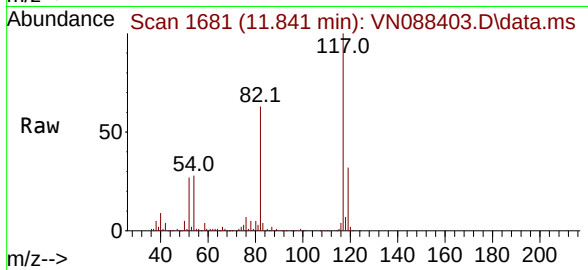
Tgt Ion: 95 Resp: 197439
Ion Ratio Lower Upper
95 100
174 67.8 0.0 139.0
176 65.9 0.0 132.4



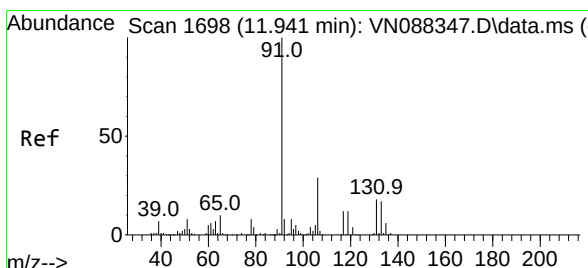
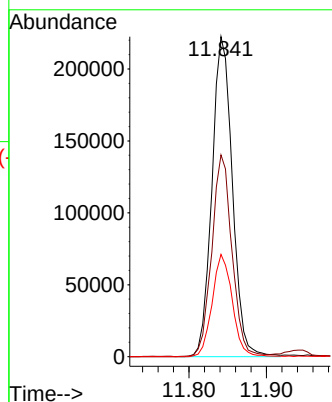
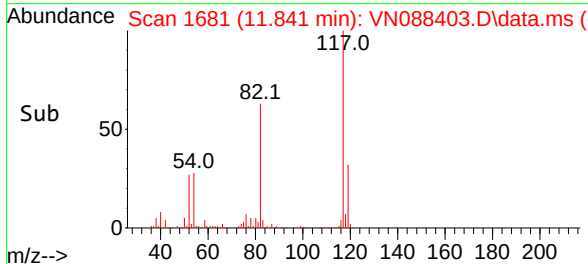


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :

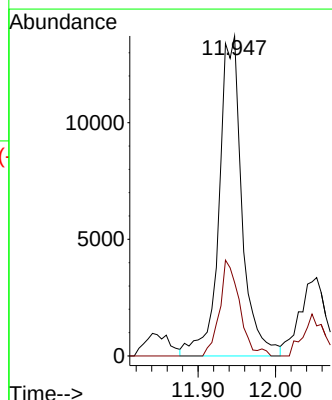
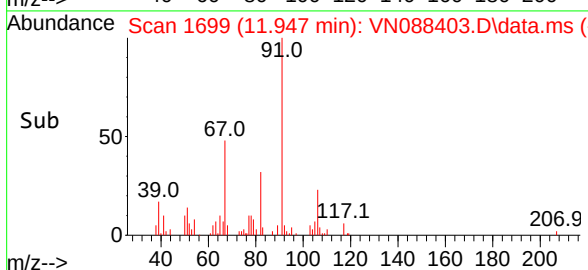
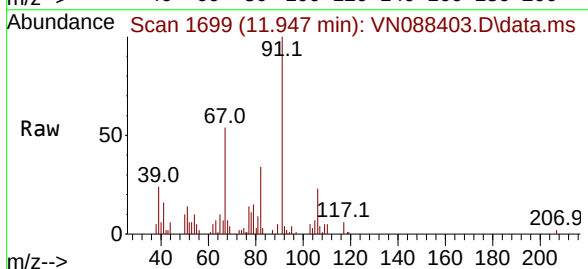


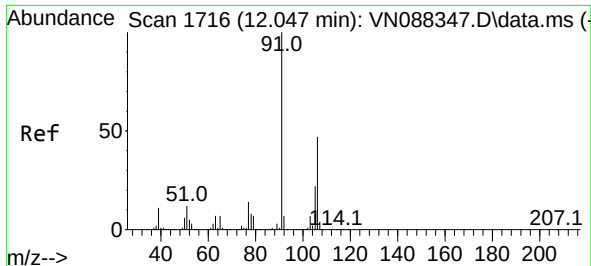
Tgt Ion:117 Resp: 407692
Ion Ratio Lower Upper
117 100
82 63.0 47.8 71.8
119 32.0 26.9 40.3



#67
Ethyl Benzene
Concen: 1.764 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 91 Resp: 28233
Ion Ratio Lower Upper
91 100
106 23.4 23.6 35.4#

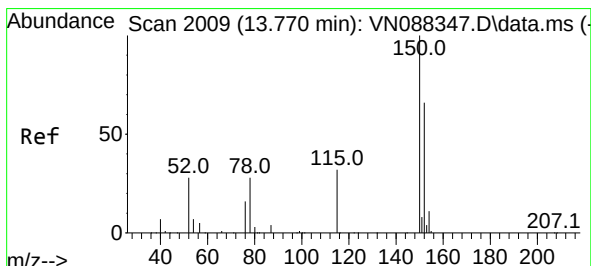
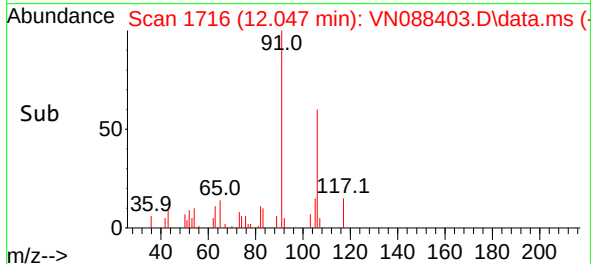
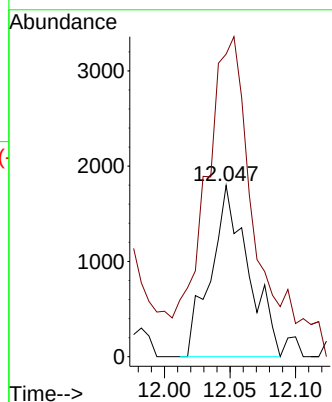
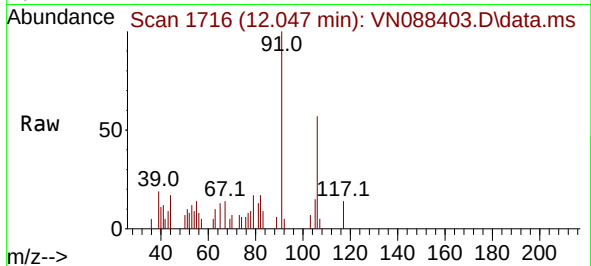




#68
m/p-Xylenes
Concen: 0.600 ug/l
RT: 12.047 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

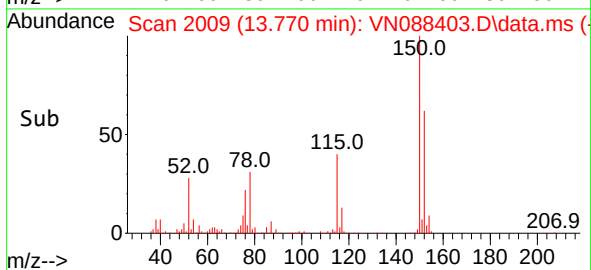
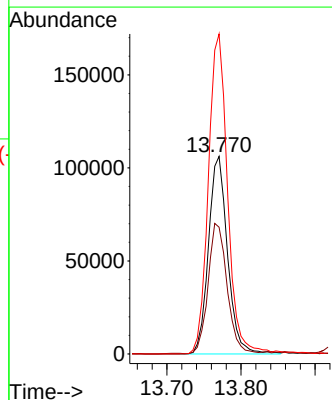
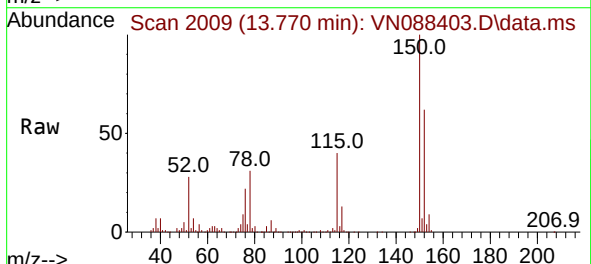
Instrument :
MSVOA_N
ClientSampleId :

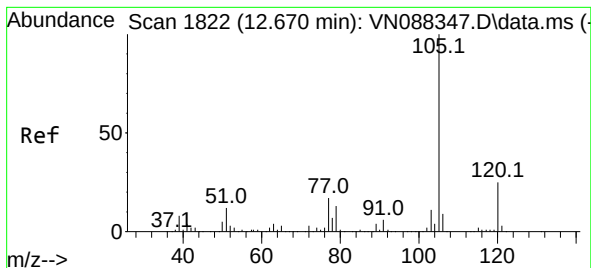
Tgt Ion:106 Resp: 3559
Ion Ratio Lower Upper
106 100
91 250.6 167.8 251.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion:152 Resp: 190700
Ion Ratio Lower Upper
152 100
115 65.3 33.0 98.9
150 163.7 0.0 349.0





#73

Isopropylbenzene

Concen: 3.316 ug/l

RT: 12.671 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

Instrument :

MSVOA_N

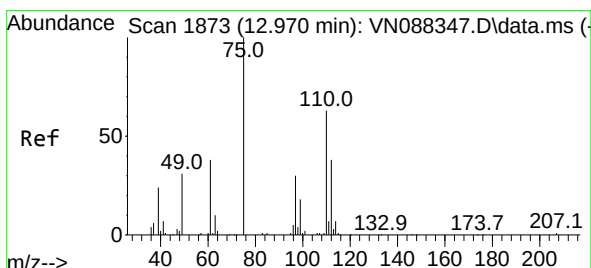
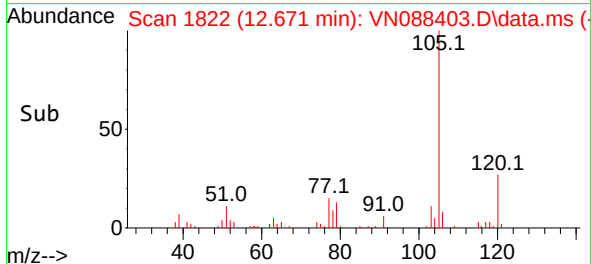
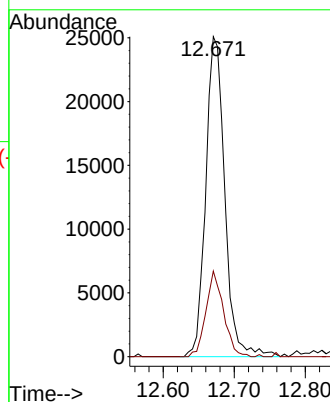
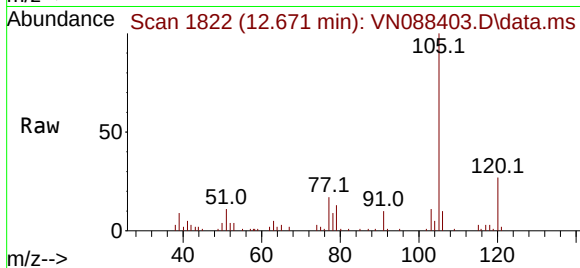
ClientSampleId :

Tgt Ion:105 Resp: 46759

Ion Ratio Lower Upper

105 100

120 24.8 12.8 38.3



#76

1,2,3-Trichloropropane

Concen: 25.552 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN088403.D

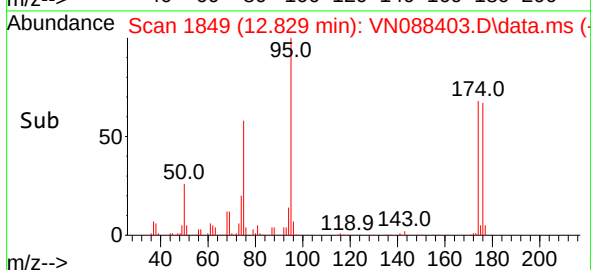
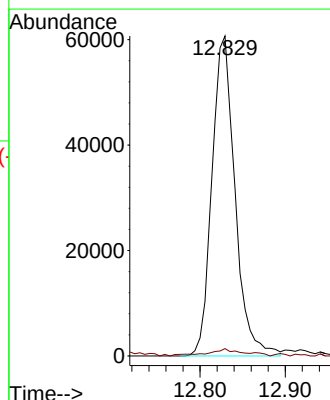
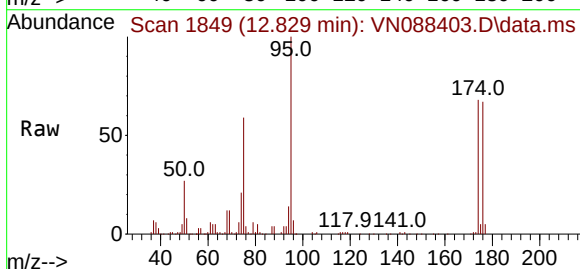
Acq: 02 Dec 2025 12:35

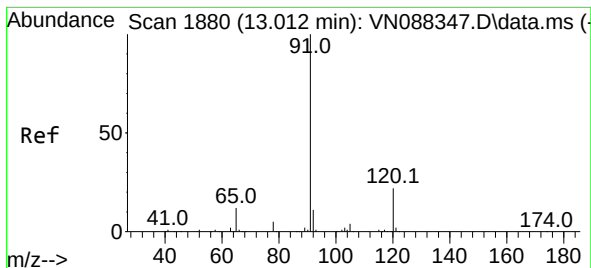
Tgt Ion: 75 Resp: 114130

Ion Ratio Lower Upper

75 100

77 3.0 87.2 261.6#





#78

n-propylbenzene

Concen: 11.346 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN088403.D

Acq: 02 Dec 2025 12:35

Instrument :

MSVOA_N

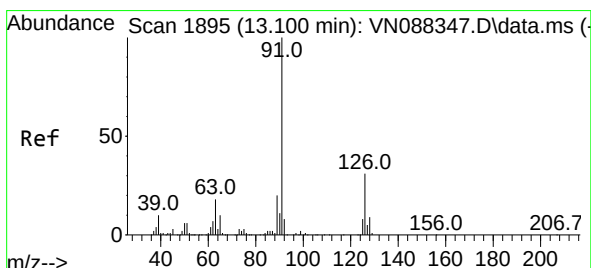
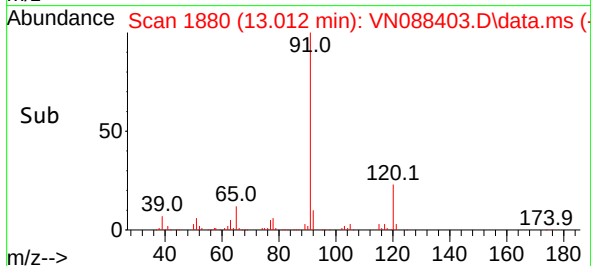
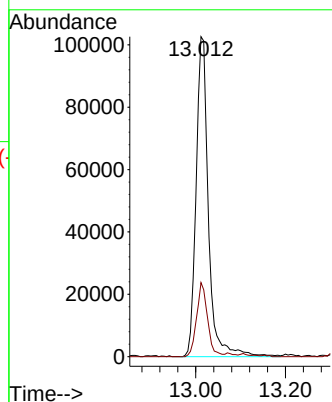
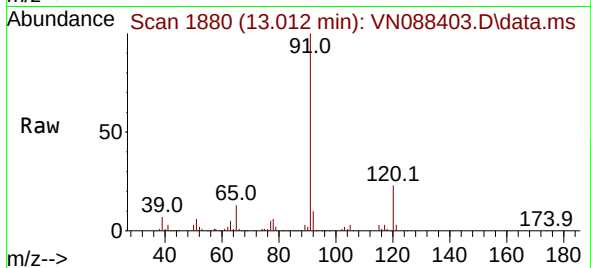
ClientSampleId :

Tgt Ion: 91 Resp: 195714

Ion Ratio Lower Upper

91 100

120 20.5 10.9 32.6



#79

2-Chlorotoluene

Concen: 18.580 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.088 min

Lab File: VN088403.D

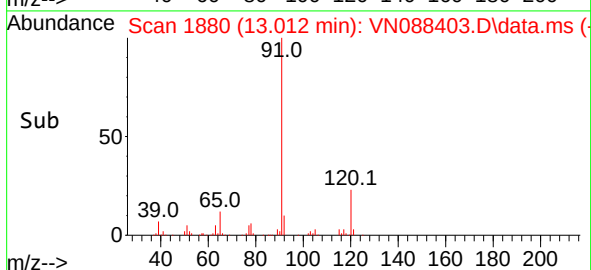
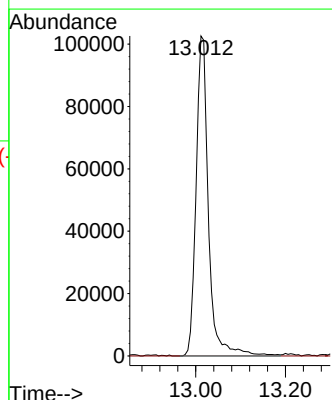
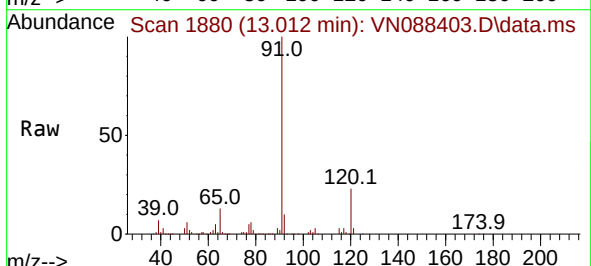
Acq: 02 Dec 2025 12:35

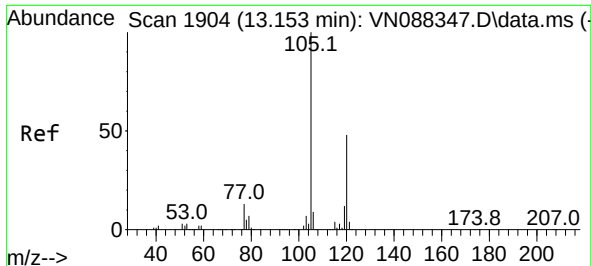
Tgt Ion: 91 Resp: 195714

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.9#

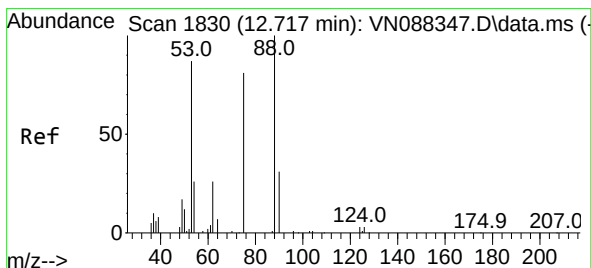
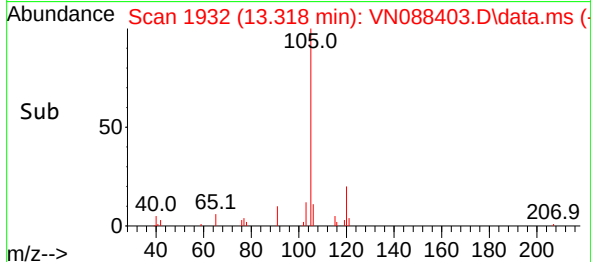
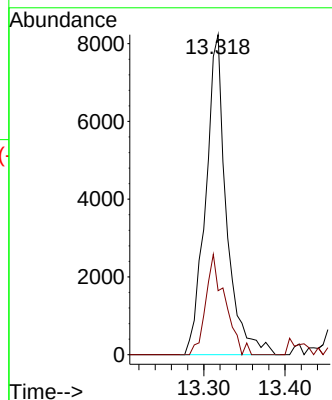
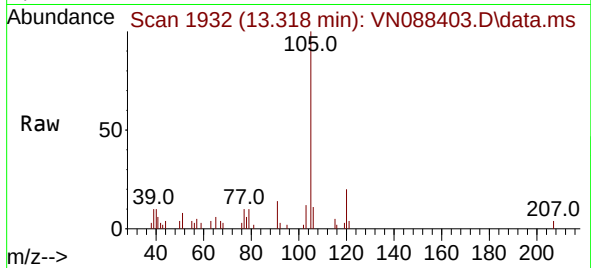




#80
 1,3,5-Trimethylbenzene
 Concen: 1.251 ug/l
 RT: 13.318 min Scan# 1904
 Delta R.T. 0.165 min
 Lab File: VN088403.D
 Acq: 02 Dec 2025 12:35

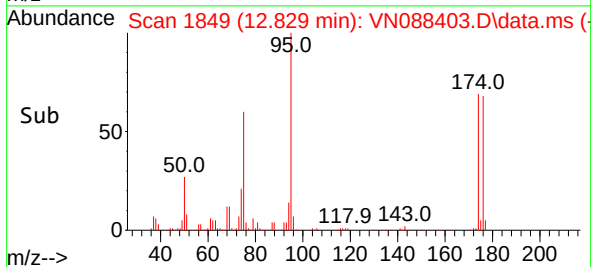
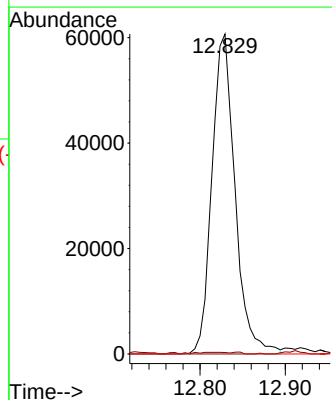
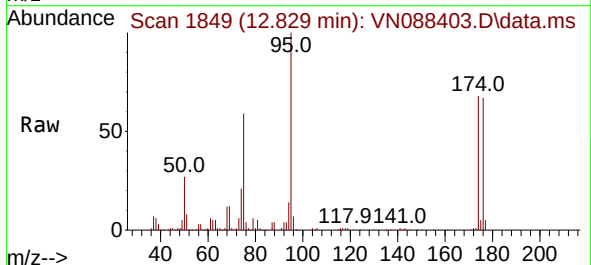
Instrument :
 MSVOA_N
 ClientSampleId :

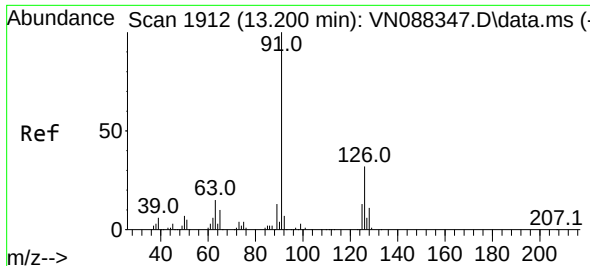
Tgt Ion:105 Resp: 14618
 Ion Ratio Lower Upper
 105 100
 120 29.1 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.490 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN088403.D
 Acq: 02 Dec 2025 12:35

Tgt Ion: 75 Resp: 114130
 Ion Ratio Lower Upper
 75 100
 53 0.7 92.2 138.4#
 89 0.0 0.0 0.0

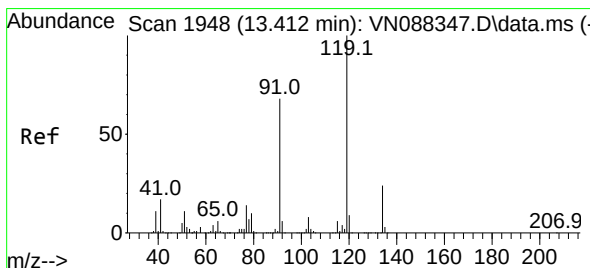
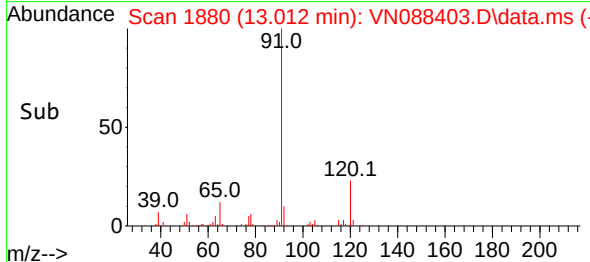
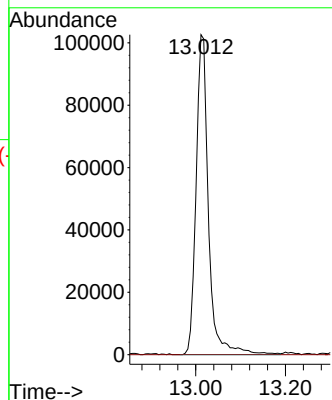
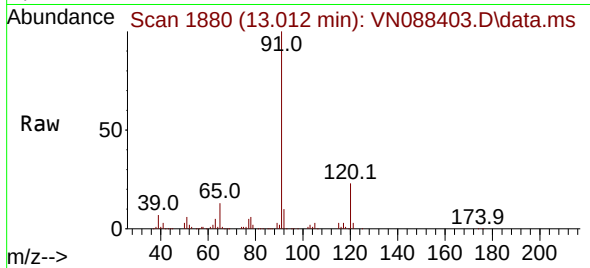




#82
4-Chlorotoluene
Concen: 18.706 ug/l
RT: 13.012 min Scan# 11
Delta R.T. -0.188 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

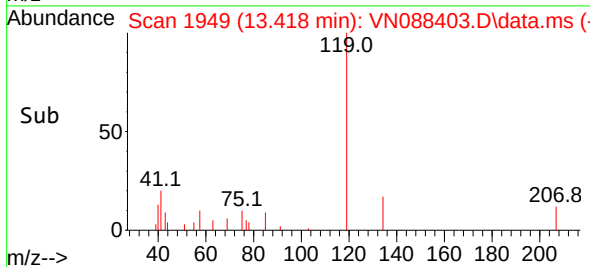
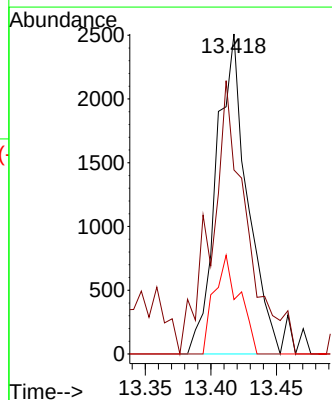
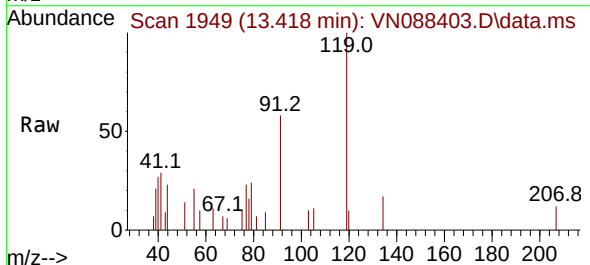
Instrument :
MSVOA_N
ClientSampleId :

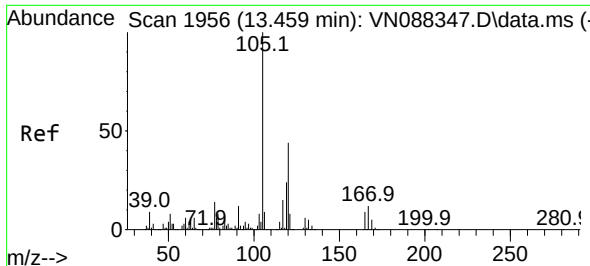
Tgt Ion: 91 Resp: 195714
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 0.415 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 119 Resp: 4118
Ion Ratio Lower Upper
119 100
91 98.0 35.1 105.3
134 25.1 12.8 38.4

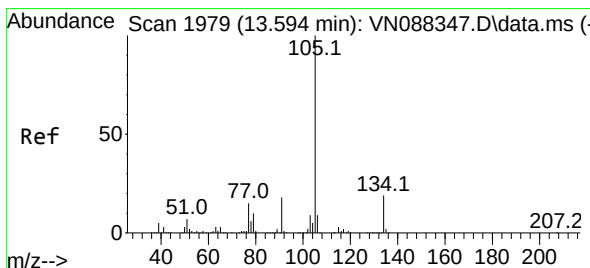
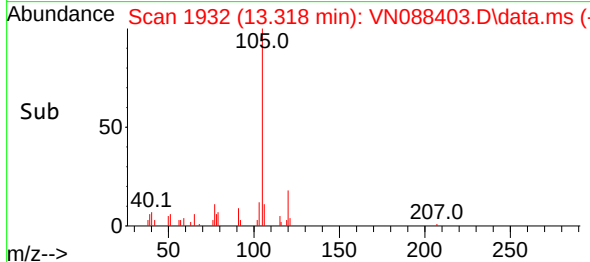
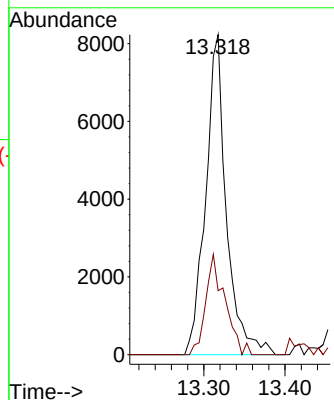
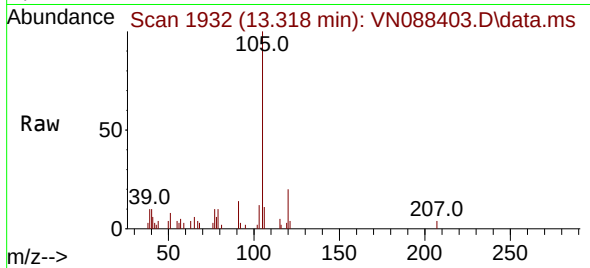




#84
 1,2,4-Trimethylbenzene
 Concen: 1.259 ug/l
 RT: 13.318 min Scan# 1956
 Delta R.T. -0.141 min
 Lab File: VN088403.D
 Acq: 02 Dec 2025 12:35

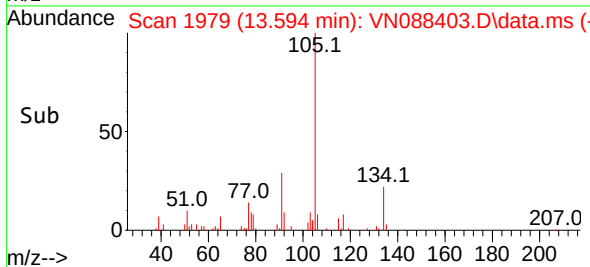
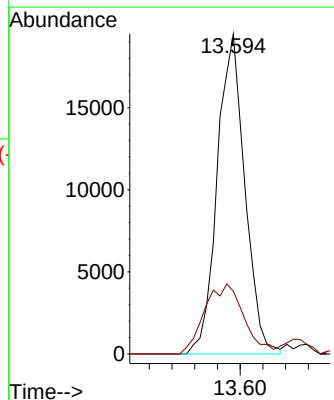
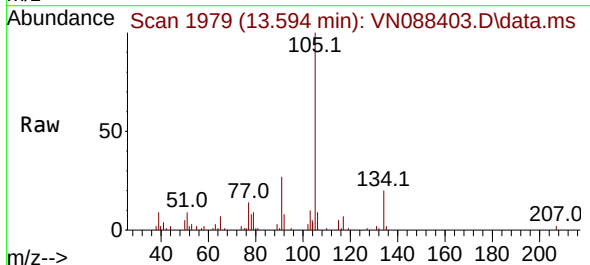
Instrument :
 MSVOA_N
 ClientSampleId :

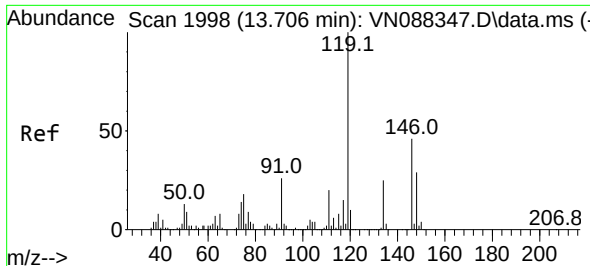
Tgt Ion:105 Resp: 14618
 Ion Ratio Lower Upper
 105 100
 120 29.1 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 2.304 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088403.D
 Acq: 02 Dec 2025 12:35

Tgt Ion:105 Resp: 32868
 Ion Ratio Lower Upper
 105 100
 134 31.1 9.5 28.5#

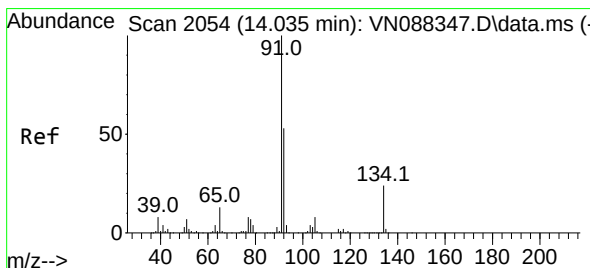
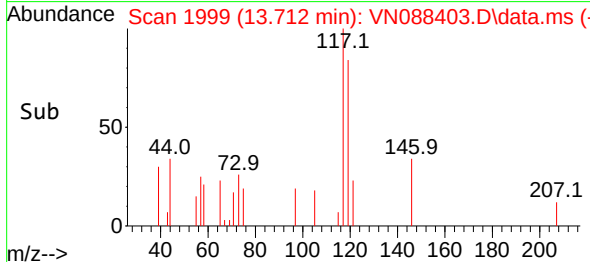
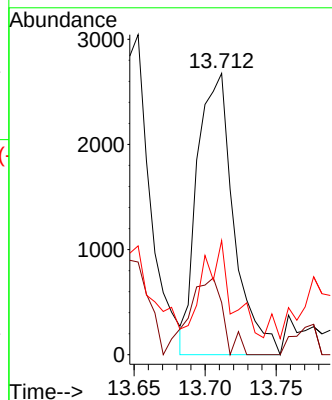
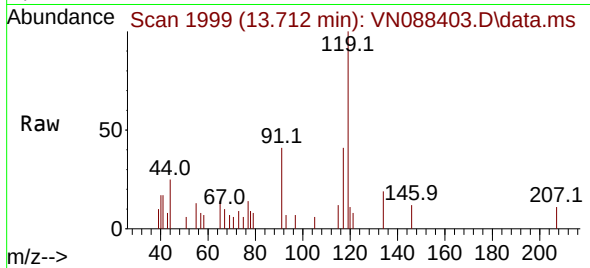




#86
p-Isopropyltoluene
Concen: 0.408 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

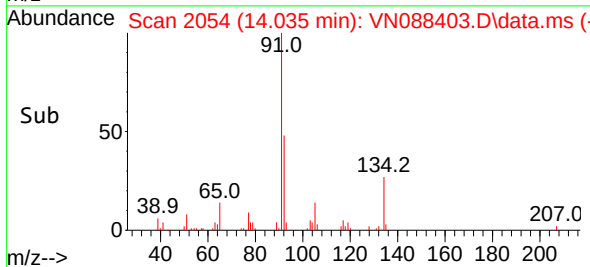
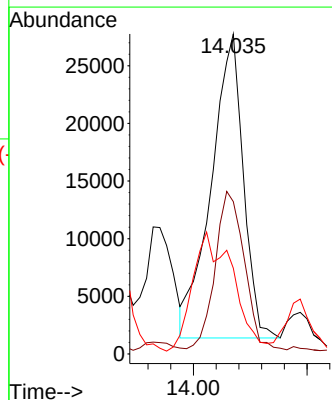
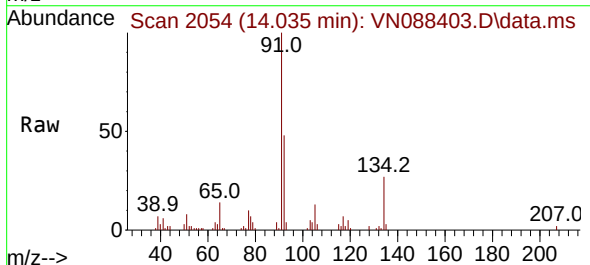
Instrument :
MSVOA_N
ClientSampleId :

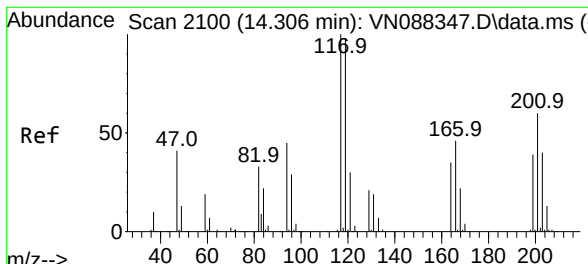
Tgt Ion:119 Resp: 4768
Ion Ratio Lower Upper
119 100
134 25.9 12.2 36.6
91 26.3 13.0 39.0



#89
n-Butylbenzene
Concen: 4.554 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

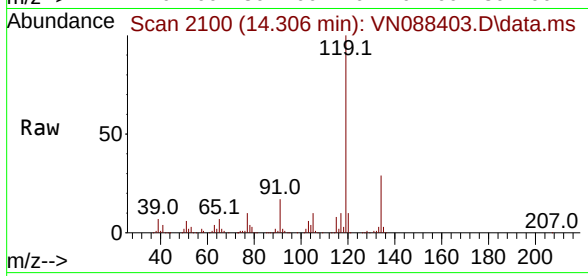
Tgt Ion: 91 Resp: 51730
Ion Ratio Lower Upper
91 100
92 48.0 26.1 78.3
134 0.0 11.7 35.1#





#90
 Hexachloroethane
 Concen: 14.851 ug/l
 RT: 14.306 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088403.D
 Acq: 02 Dec 2025 12:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:117 Resp: 31743
 Ion Ratio Lower Upper
 117 100
 201 0.0 30.3 90.9#

