

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088119.D
 Acq On : 27 Oct 2025 16:58
 Operator : JC\MD
 Sample : Q3426-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP5

Quant Time: Oct 28 01:30:26 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	246197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	561002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	537996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	272811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	240578	56.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.020%	
35) Dibromofluoromethane	8.147	113	175554	46.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.160%	
50) Toluene-d8	10.547	98	650072	44.765	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.520%	
62) 4-Bromofluorobenzene	12.829	95	254790	49.680	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.360%	

Target Compounds					Qvalue	
13) Acrolein	4.189	56	180	0.218	ug/l #	14
16) Acetone	4.424	43	10535	4.926	ug/l #	82
17) Carbon Disulfide	4.706	76	2109	0.224	ug/l #	74
19) Methyl tert-butyl Ether	5.783	73	2410	0.212	ug/l #	1
20) Methylene Chloride	5.271	84	1416	1.192	ug/l #	53
25) 2-Butanone	7.483	43	4827	1.713	ug/l	93
30) Chloroform	7.918	83	2675	0.424	ug/l #	19
31) Cyclohexane	8.241	56	92504	15.523	ug/l	90
36) 1,1-Dichloropropene	8.206	75	24243	4.405	ug/l #	50
38) Carbon Tetrachloride	8.206	117	29897	5.260	ug/l #	17
39) Methylcyclohexane	9.582	83	92228	13.039	ug/l	99
40) Benzene	8.588	78	85132	5.080	ug/l	97
43) Isopropyl Acetate	8.677	43	2519	0.231	ug/l #	58
45) 1,2-Dichloropropane	9.588	63	1135	0.268	ug/l #	58
47) Bromodichloromethane	9.847	83	1480	0.245	ug/l #	23
48) Methyl methacrylate	9.582	41	54806	10.879	ug/l #	77
52) Toluene	10.606	92	18188	1.760	ug/l	96
55) 1,1,2-Trichloroethane	10.976	97	6894	1.759	ug/l #	22
56) Ethyl methacrylate	10.894	69	2849	0.459	ug/l #	2
67) Ethyl Benzene	11.941	91	785583	36.635	ug/l	99
68) m/p-Xylenes	12.047	106	960262	119.519	ug/l	100
69) o-Xylene	12.376	106	154702	20.312	ug/l	97
70) Styrene	12.376	104	8132	0.655	ug/l #	1
73) Isopropylbenzene	12.670	105	138334	6.574	ug/l	99
76) 1,2,3-Trichloropropane	13.070	75	13141	2.107	ug/l #	1
78) n-propylbenzene	13.012	91	403599	15.718	ug/l	100
79) 2-Chlorotoluene	13.076	91	84472	5.769	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.147	105	567292	32.463	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.829	75	145683	65.154	ug/l #	1
82) 4-Chlorotoluene	13.153	91	68581	4.329	ug/l #	43
83) tert-Butylbenzene	13.459	119	249328	15.972	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.459	105	2098441	120.022	ug/l	100
85) sec-Butylbenzene	13.459	105	2098441	91.496	ug/l #	58
86) p-Isopropyltoluene	13.706	119	12295	0.668	ug/l #	74
88) 1,4-Dichlorobenzene	13.788	146	5409	0.556	ug/l #	18
89) n-Butylbenzene	13.970	91	194948	10.697	ug/l #	53

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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

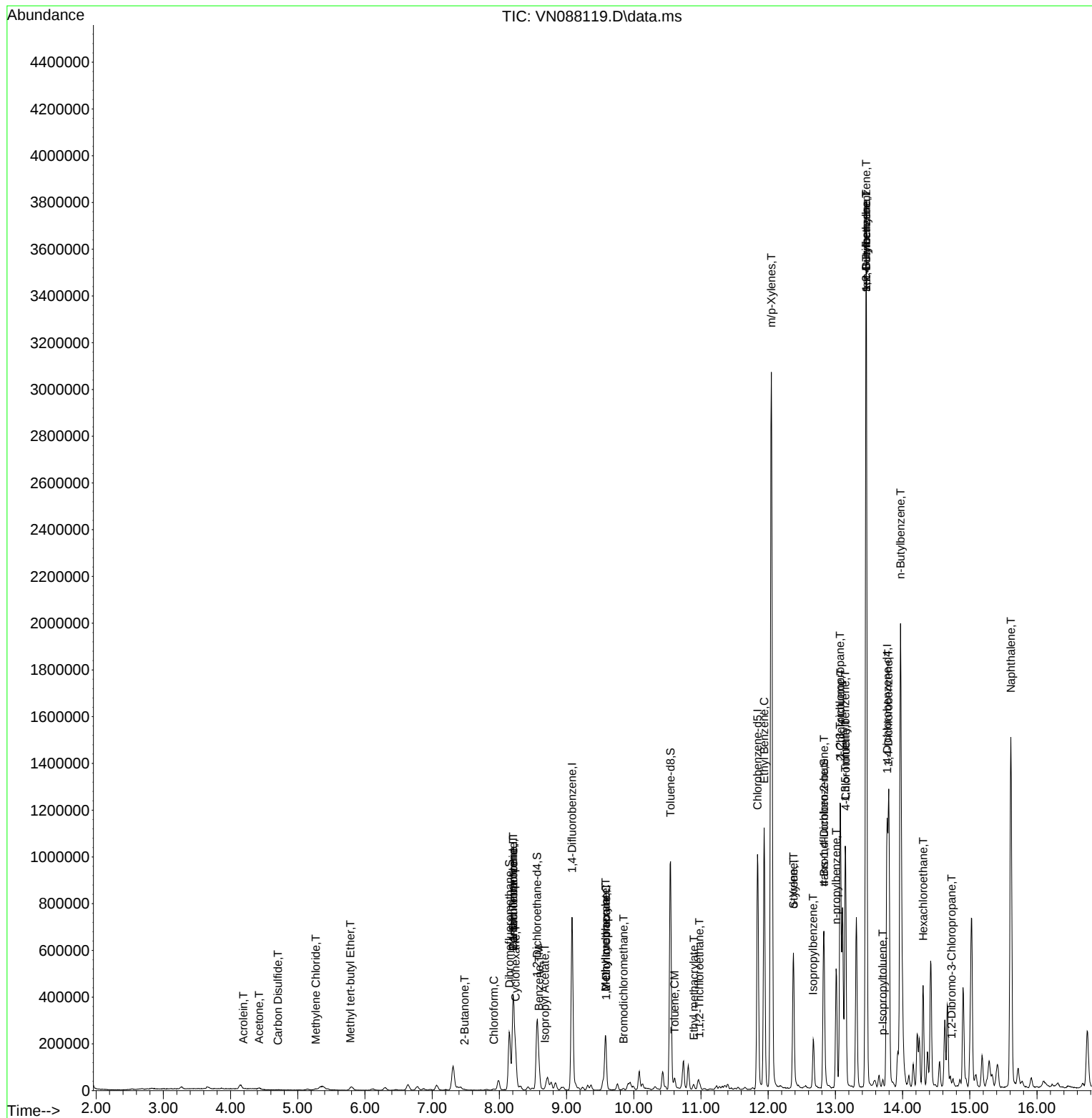
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.306	117	23578	6.618	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.729	75	363	0.238	ug/l #	8
95) Naphthalene	15.611	128	1321798	72.968	ug/l	100

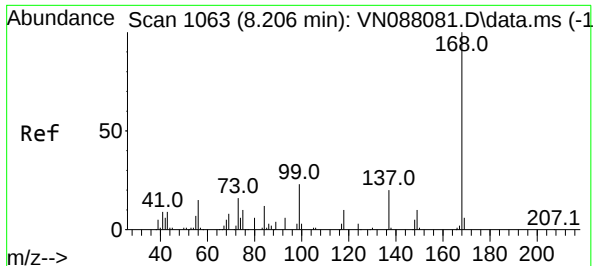
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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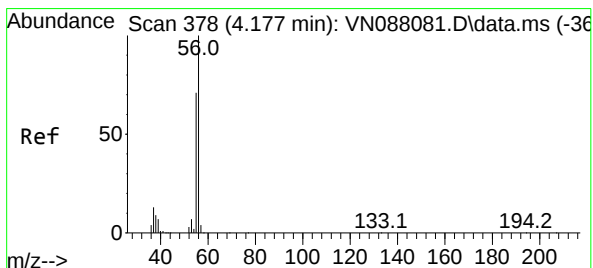
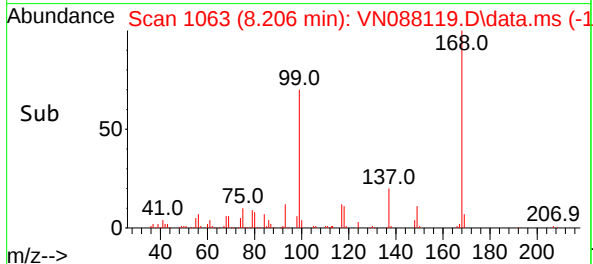
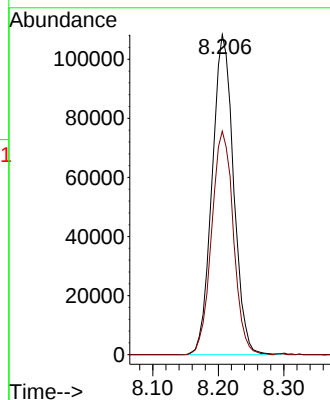
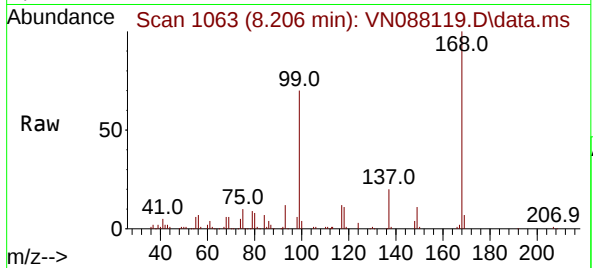




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

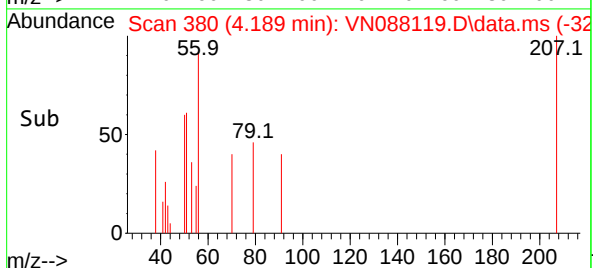
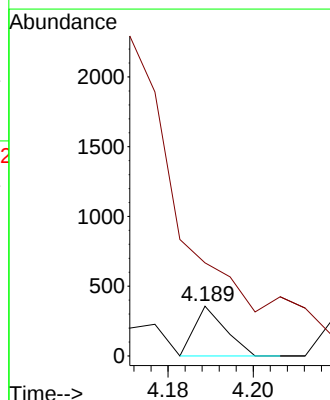
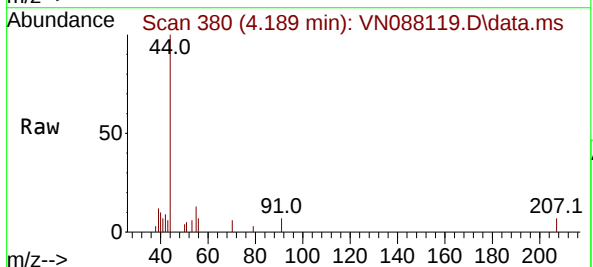
Instrument :
MSVOA_N
ClientSampleId :
TWP5

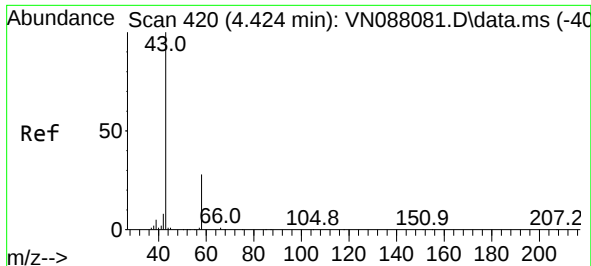
Tgt Ion:168 Resp: 246197
Ion Ratio Lower Upper
168 100
99 69.8 57.2 85.8



#13
Acrolein
Concen: 0.218 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#

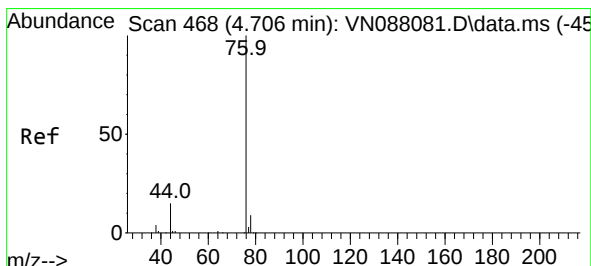
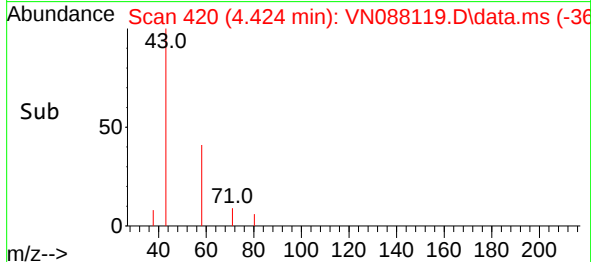
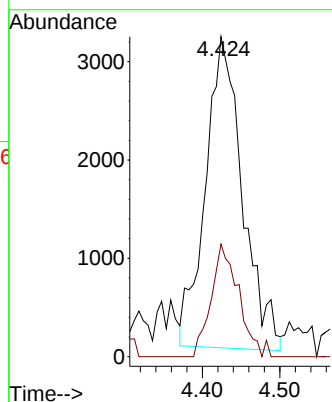
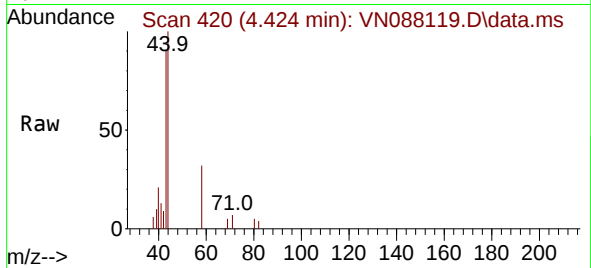




#16
Acetone
Concen: 4.926 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

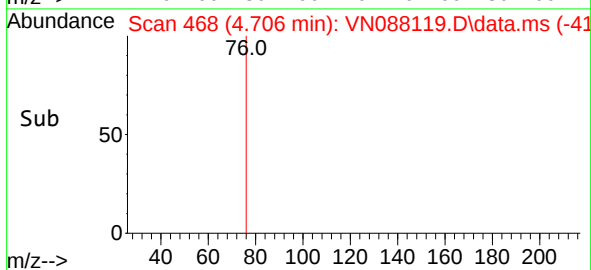
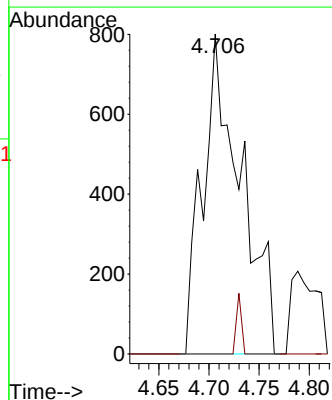
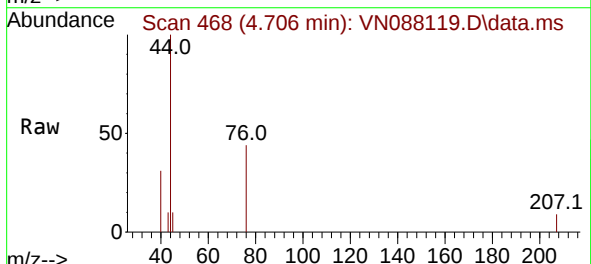
Instrument :
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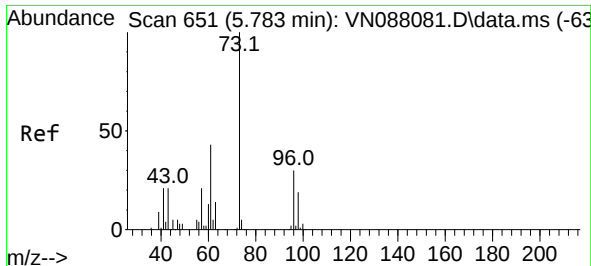
Tgt Ion: 43 Resp: 10535
Ion Ratio Lower Upper
43 100
58 37.5 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 76 Resp: 2109
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

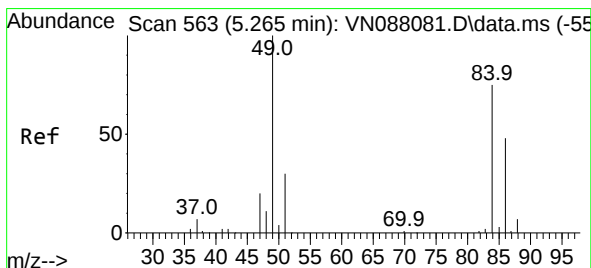
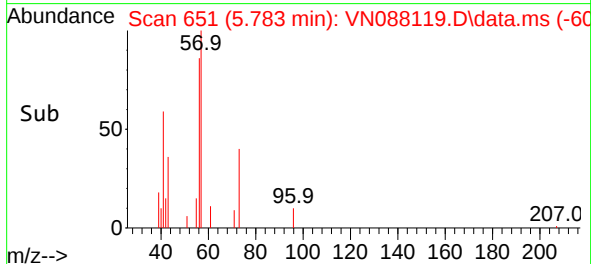
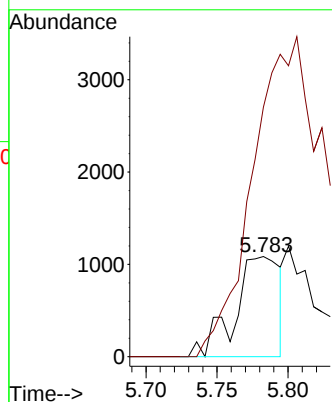
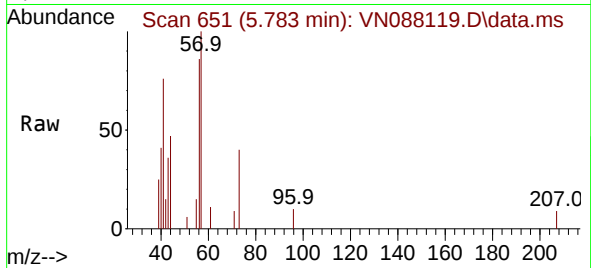




#19
Methyl tert-butyl Ether
Concen: 0.212 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

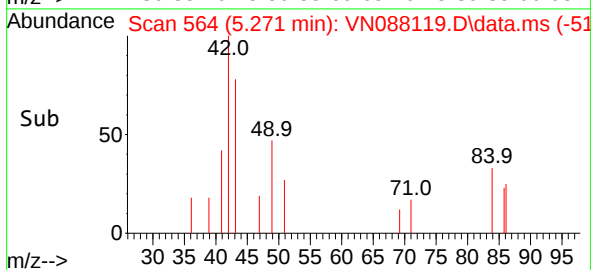
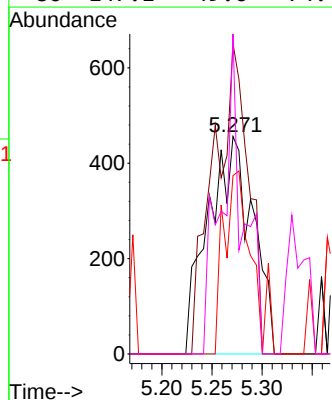
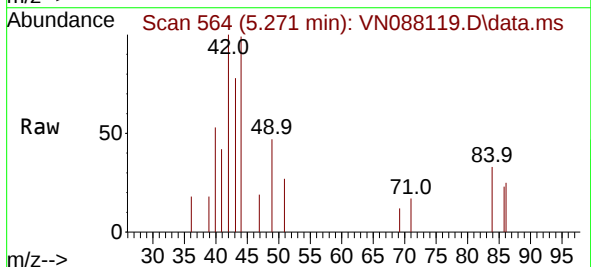
Instrument :
MSVOA_N
ClientSampleId :
TWP5

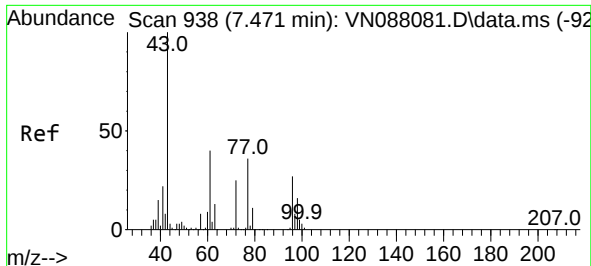
Tgt Ion: 73 Resp: 2410
Ion Ratio Lower Upper
73 100
57 248.9 18.4 27.6#



#20
Methylene Chloride
Concen: 1.192 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 84 Resp: 1416
Ion Ratio Lower Upper
84 100
49 142.8 103.4 155.2
51 82.0 33.8 50.8#
86 147.1 49.6 74.4#

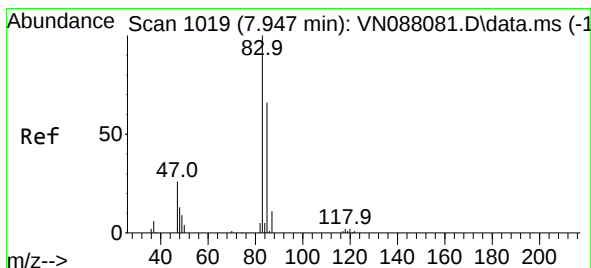
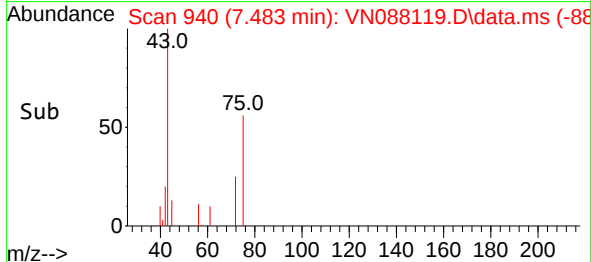
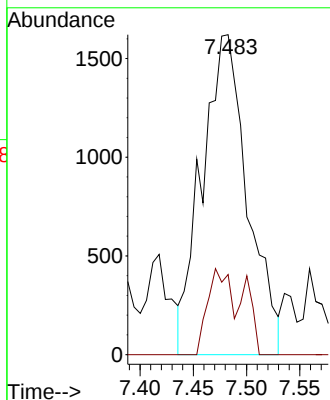
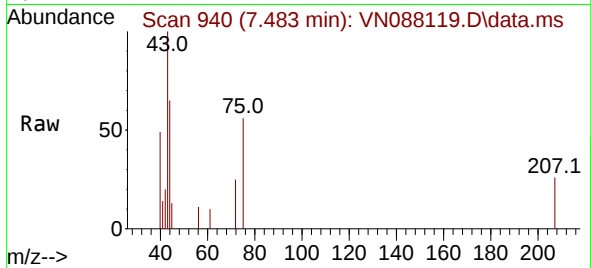




#25
2-Butanone
Concen: 1.713 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

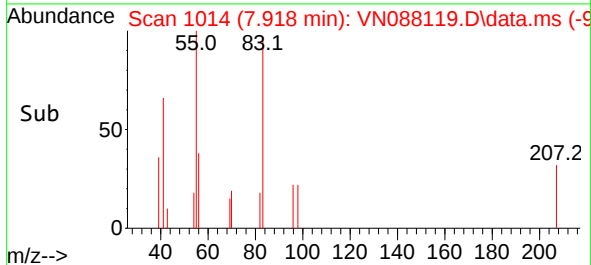
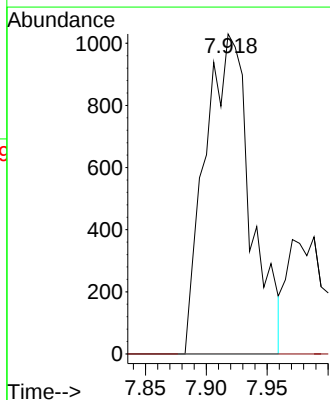
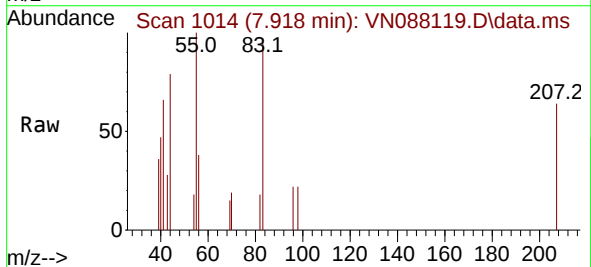
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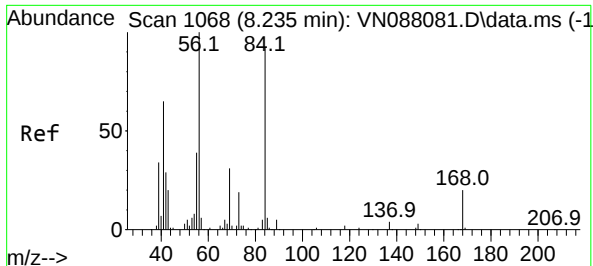
Tgt Ion: 43 Resp: 4827
Ion Ratio Lower Upper
43 100
72 28.4 19.9 29.9



#30
Chloroform
Concen: 0.424 ug/l
RT: 7.918 min Scan# 1014
Delta R.T. -0.029 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 83 Resp: 2675
Ion Ratio Lower Upper
83 100
85 0.0 50.7 76.1#

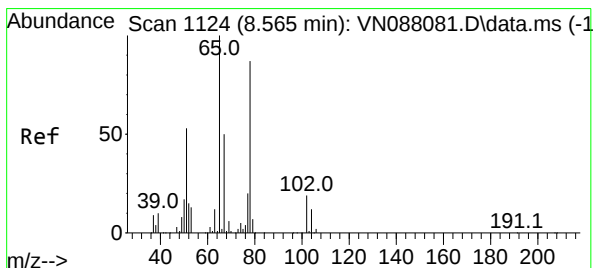
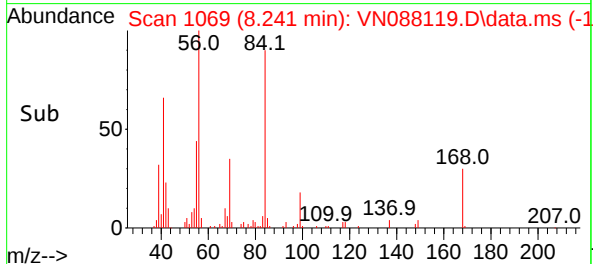
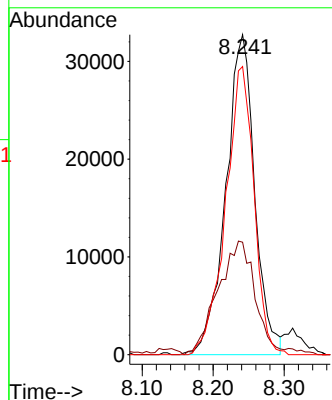
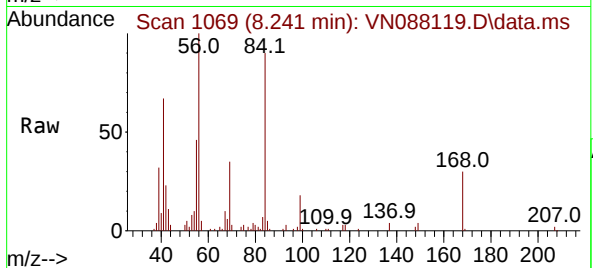




#31
Cyclohexane
Concen: 15.523 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

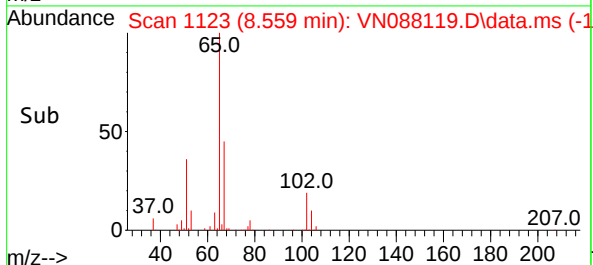
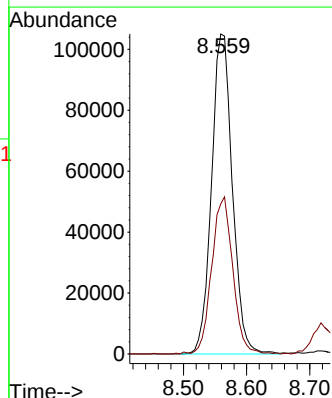
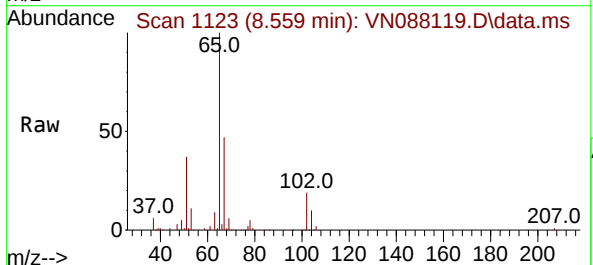
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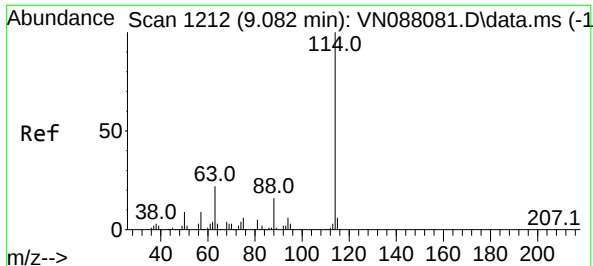
Tgt Ion: 56 Resp: 92504
Ion Ratio Lower Upper
56 100
69 34.2 23.7 35.5
84 90.1 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 56.510 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 65 Resp: 240578
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.0

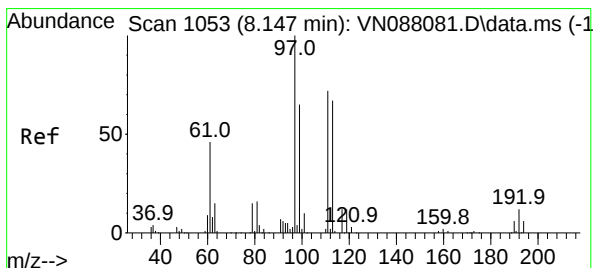
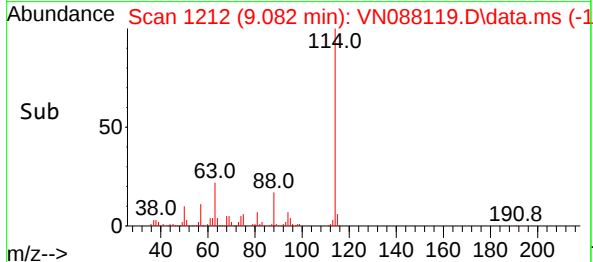
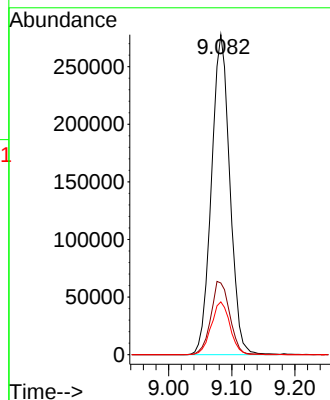
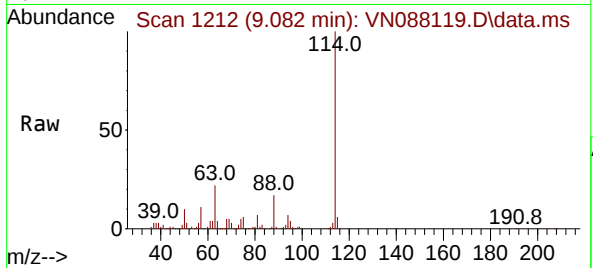




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

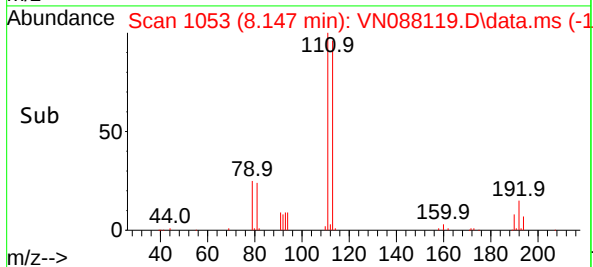
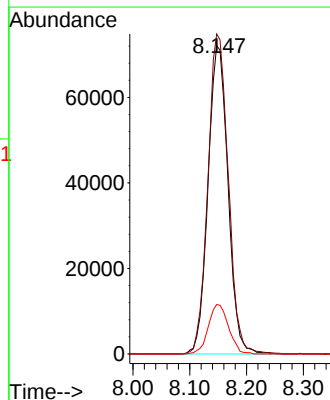
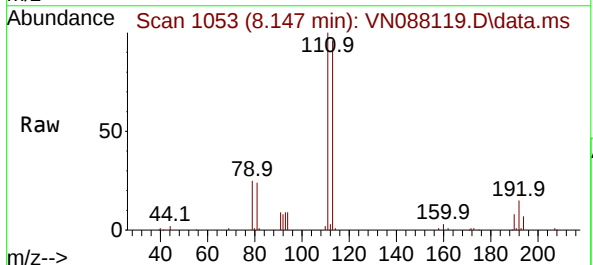
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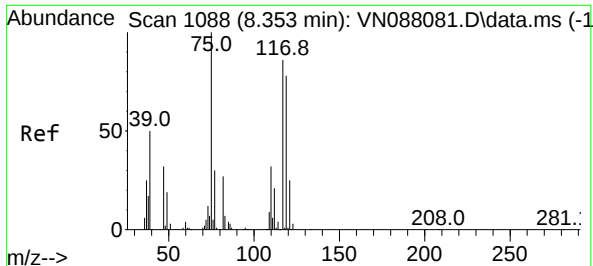
Tgt Ion:114 Resp: 561002
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.2
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.580 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion:113 Resp: 175554
Ion Ratio Lower Upper
113 100
111 105.7 82.8 124.2
192 16.3 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.405 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN088119.D

Acq: 27 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

TWP5

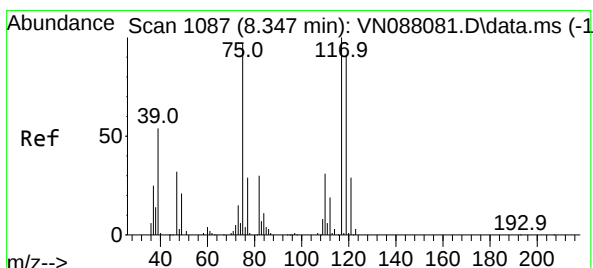
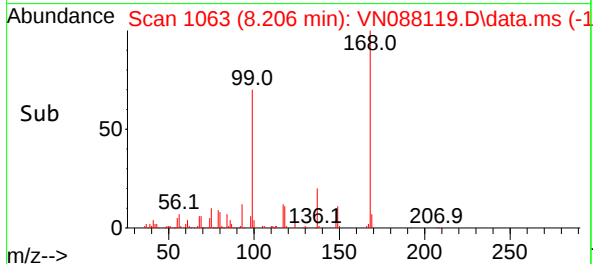
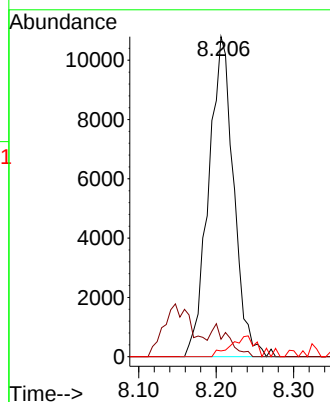
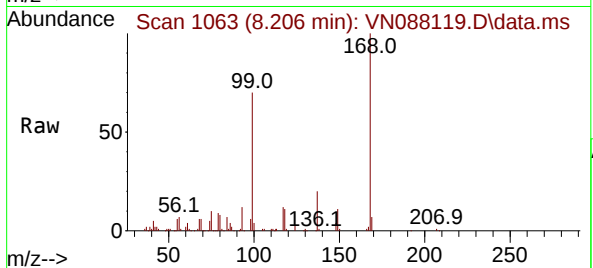
Tgt Ion: 75 Resp: 24243

Ion Ratio Lower Upper

75 100

110 7.1 15.9 47.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.260 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.135 min

Lab File: VN088119.D

Acq: 27 Oct 2025 16:58

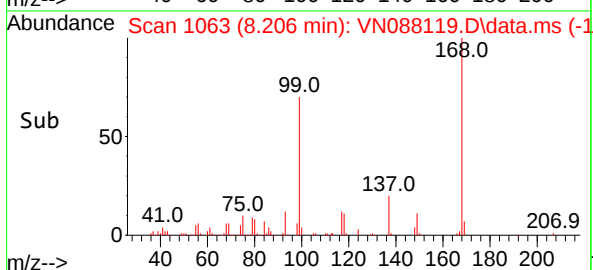
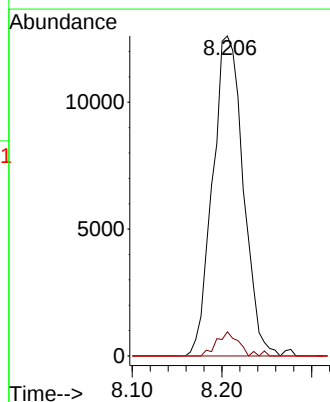
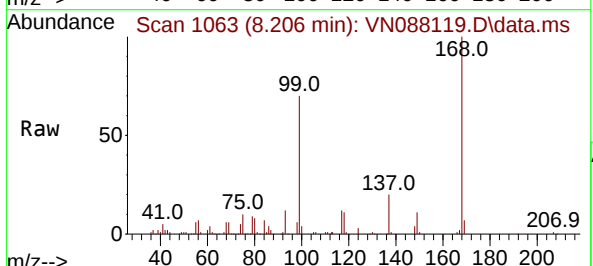
Tgt Ion: 117 Resp: 29897

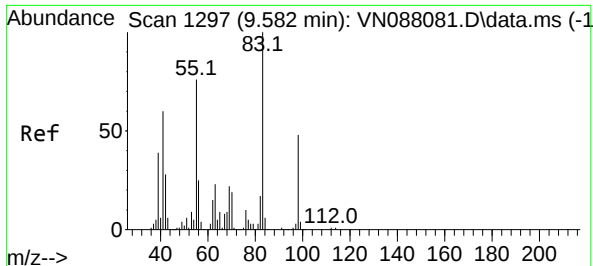
Ion Ratio Lower Upper

117 100

119 7.6 79.0 118.6#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 13.039 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088119.D

Acq: 27 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

TWP5

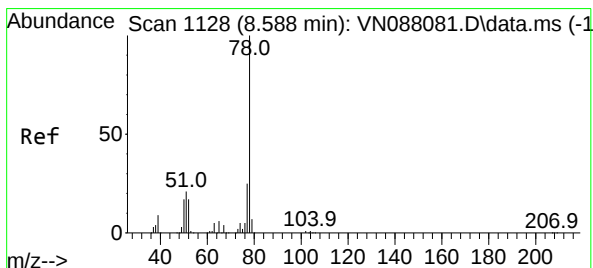
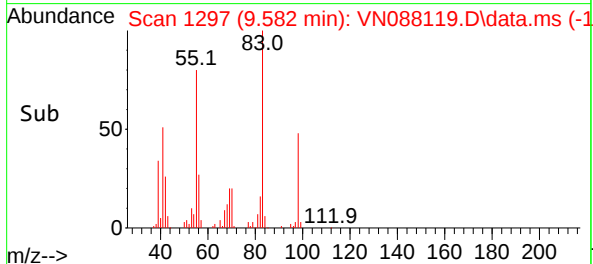
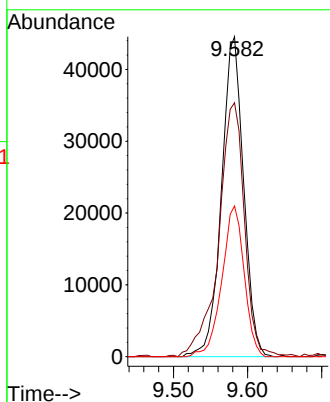
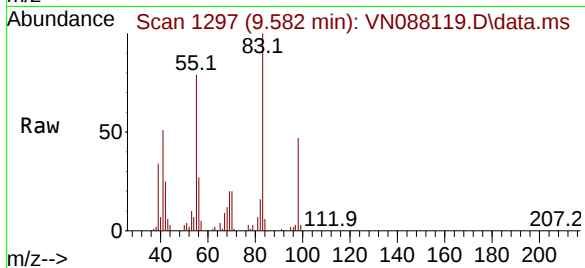
Tgt Ion: 83 Resp: 92228

Ion Ratio Lower Upper

83 100

55 79.3 64.6 96.8

98 47.1 38.4 57.6



#40

Benzene

Concen: 5.080 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088119.D

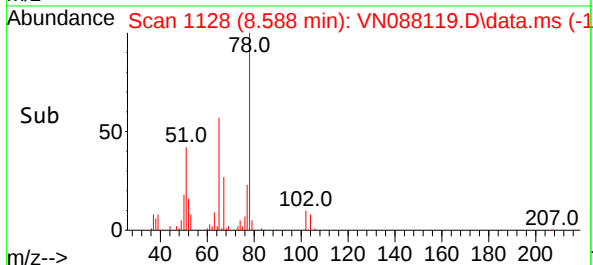
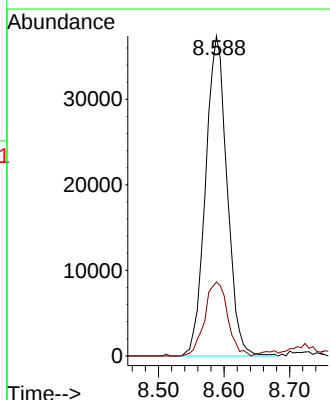
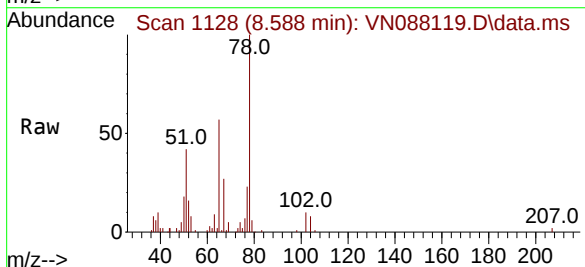
Acq: 27 Oct 2025 16:58

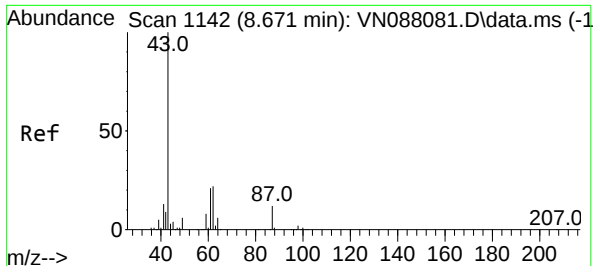
Tgt Ion: 78 Resp: 85132

Ion Ratio Lower Upper

78 100

77 23.1 19.7 29.5





#43

Isopropyl Acetate

Concen: 0.231 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN088119.D

Acq: 27 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

TWP5

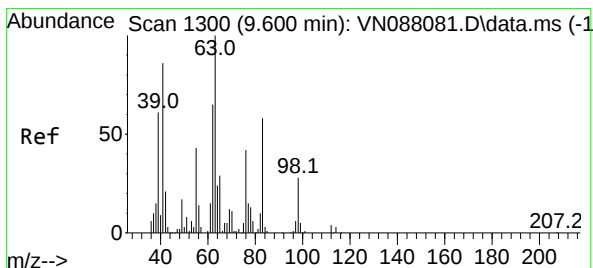
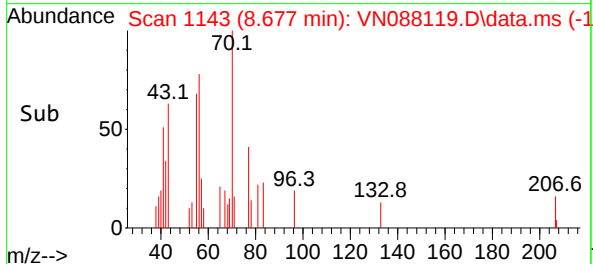
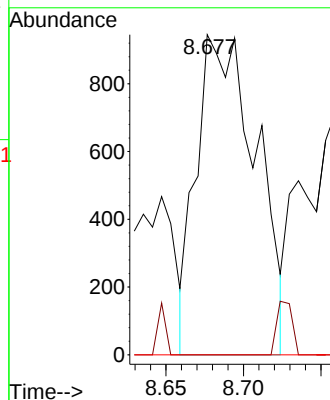
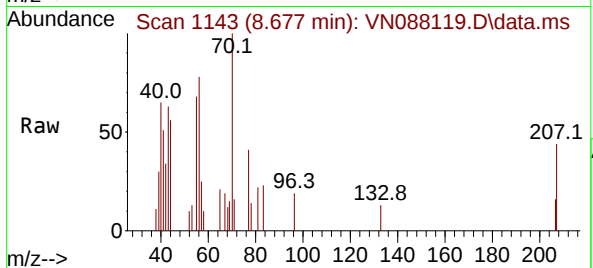
Tgt Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

61 0.0 18.8 28.2#

87 0.0 9.6 14.4#



#45

1,2-Dichloropropane

Concen: 0.268 ug/l

RT: 9.588 min Scan# 1298

Delta R.T. -0.012 min

Lab File: VN088119.D

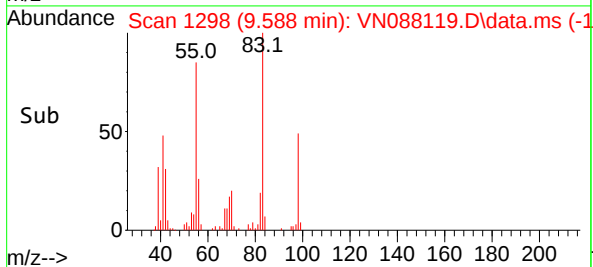
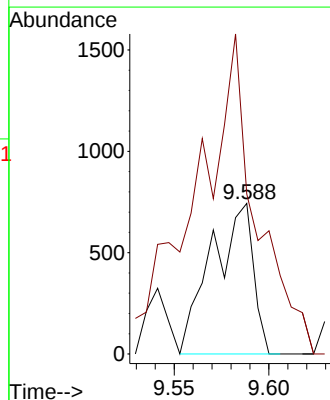
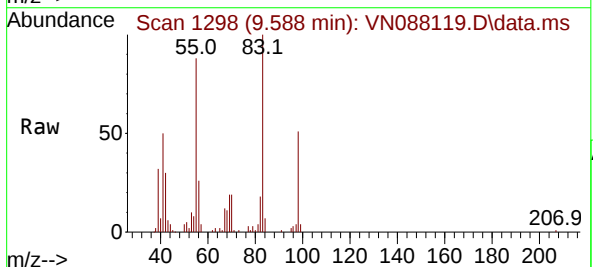
Acq: 27 Oct 2025 16:58

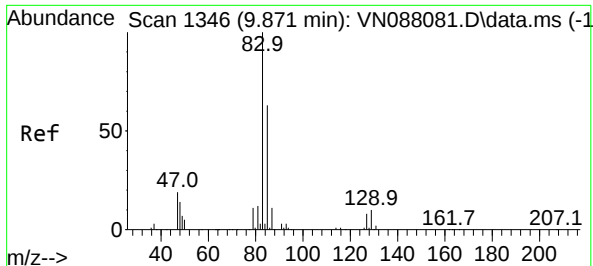
Tgt Ion: 63 Resp: 1135

Ion Ratio Lower Upper

63 100

65 54.2 25.0 37.4#





#47

Bromodichloromethane

Concen: 0.245 ug/l

RT: 9.847 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN088119.D

Acq: 27 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

TWP5

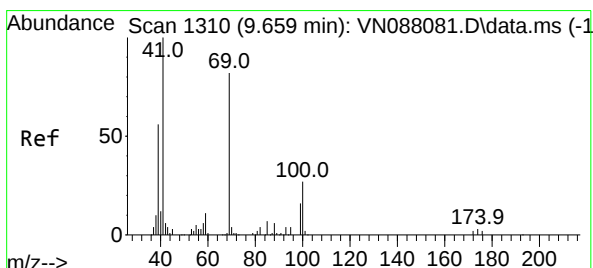
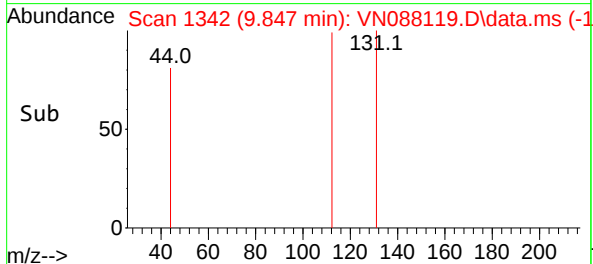
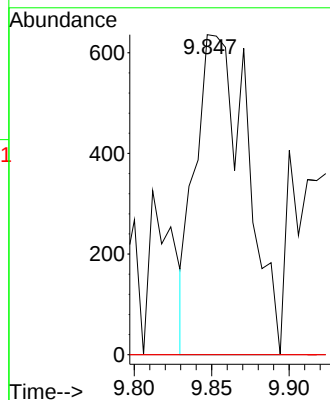
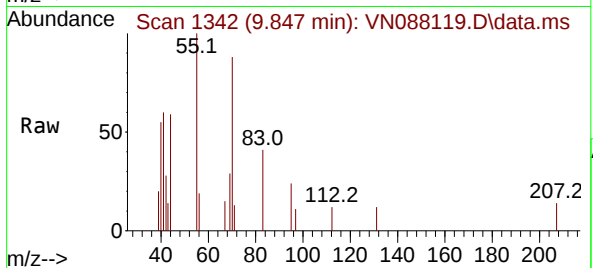
Tgt Ion: 83 Resp: 1480

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

127 0.0 5.8 8.6#



#48

Methyl methacrylate

Concen: 10.879 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.082 min

Lab File: VN088119.D

Acq: 27 Oct 2025 16:58

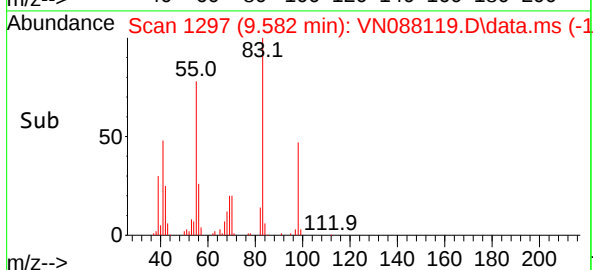
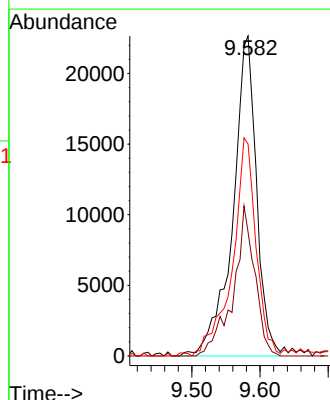
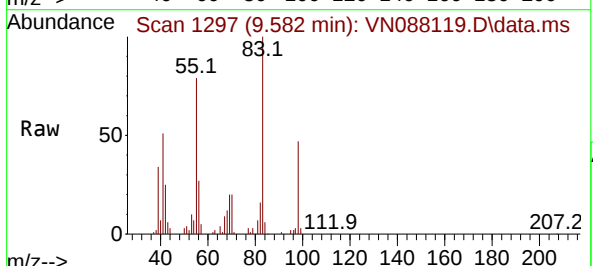
Tgt Ion: 41 Resp: 54806

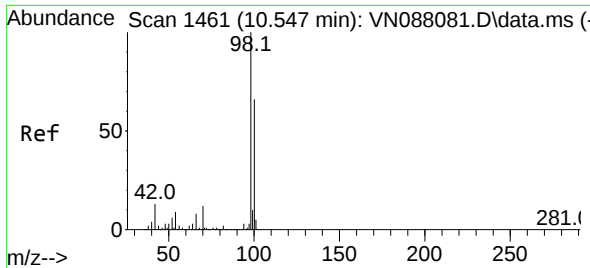
Ion Ratio Lower Upper

41 100

69 42.7 62.7 94.1#

39 67.8 52.9 79.3

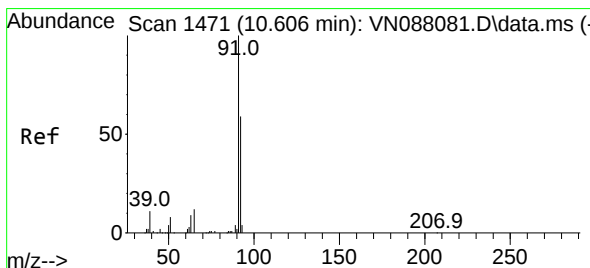
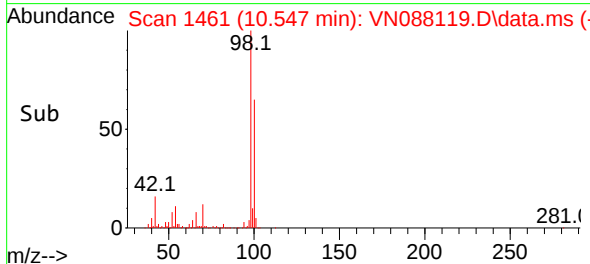
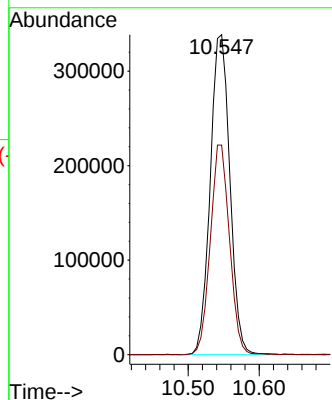
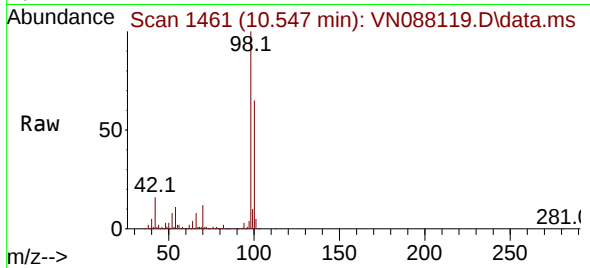




#50
Toluene-d8
Concen: 44.765 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

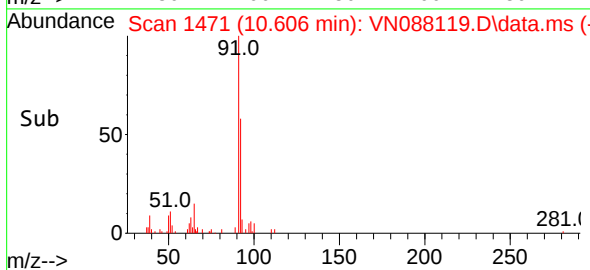
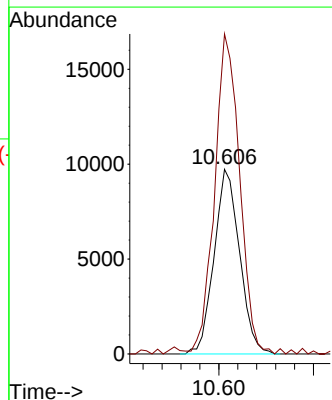
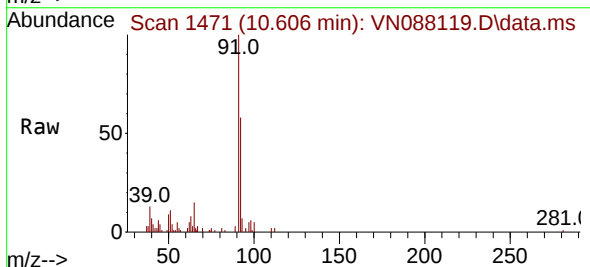
Instrument :
MSVOA_N
ClientSampleId :
TWP5

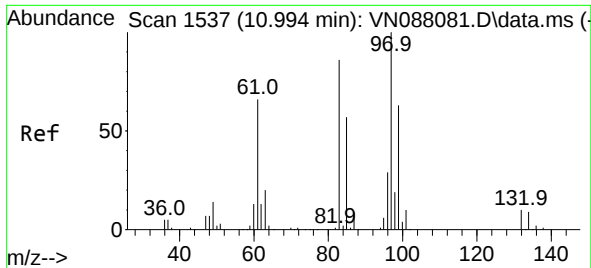
Tgt Ion: 98 Resp: 650072
Ion Ratio Lower Upper
98 100
100 64.1 52.8 79.2



#52
Toluene
Concen: 1.760 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 92 Resp: 18188
Ion Ratio Lower Upper
92 100
91 170.1 140.4 210.6

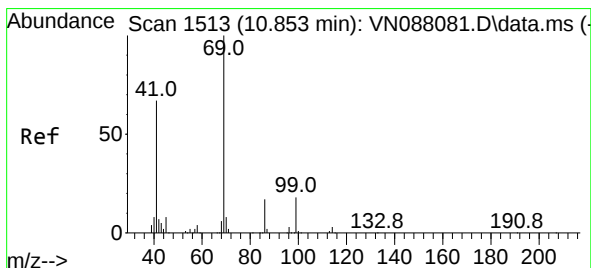
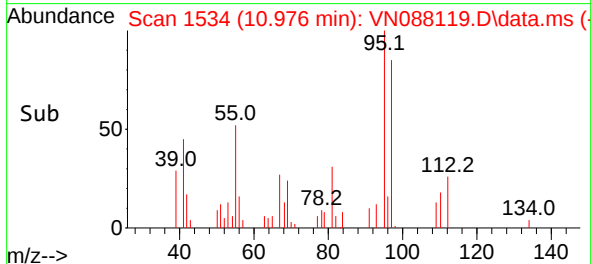
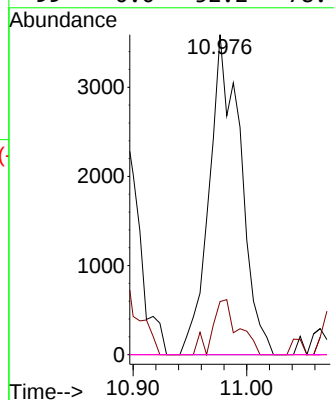
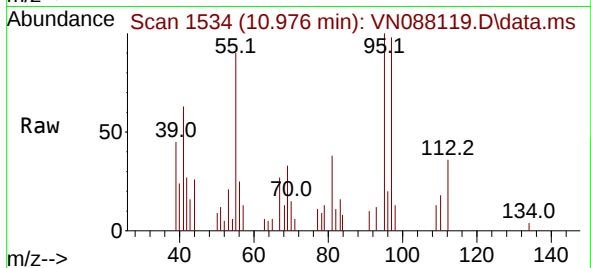




#55
1,1,2-Trichloroethane
Concen: 1.759 ug/l
RT: 10.976 min Scan# 1534
Delta R.T. -0.018 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

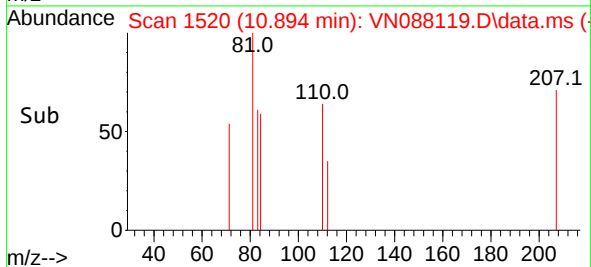
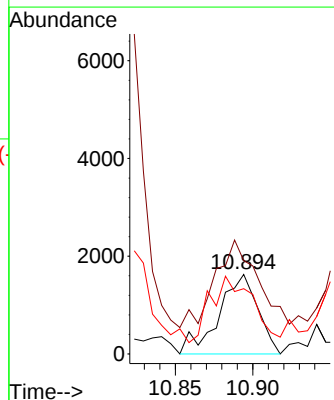
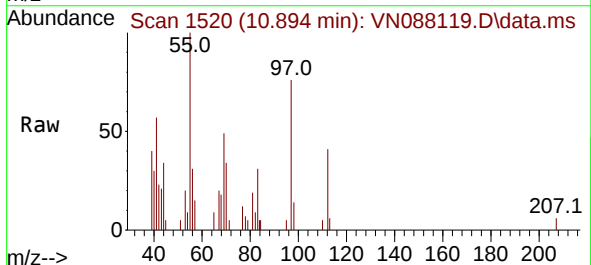
Instrument : MSVOA_N
ClientSampleId : TWP5

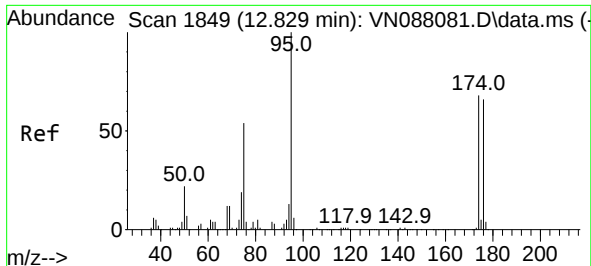
Tgt Ion:	97	Resp:	6894
Ion	Ratio	Lower	Upper
97	100		
83	16.6	68.2	102.4#
85	0.0	45.5	68.3#
99	0.0	52.2	78.4#



#56
Ethyl methacrylate
Concen: 0.459 ug/l
RT: 10.894 min Scan# 1520
Delta R.T. 0.041 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion:	69	Resp:	2849
Ion	Ratio	Lower	Upper
69	100		
41	164.0	56.5	84.7#
39	89.5	34.2	51.4#

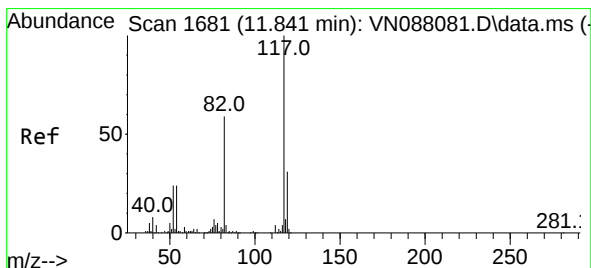
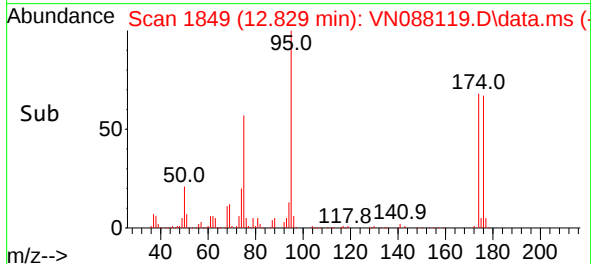
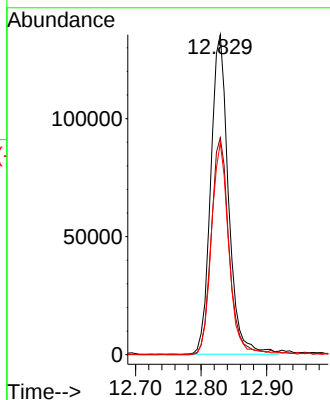
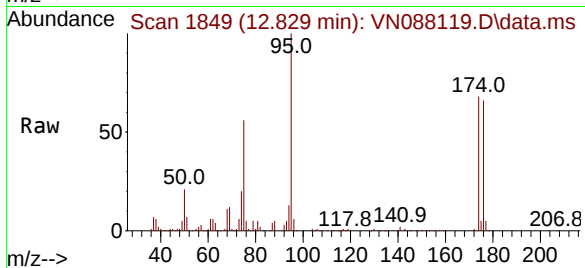




#62
4-Bromofluorobenzene
Concen: 49.680 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

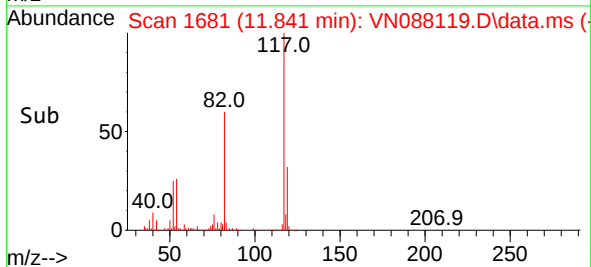
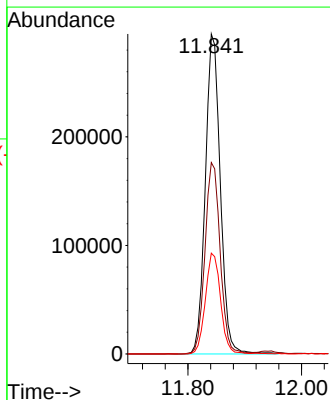
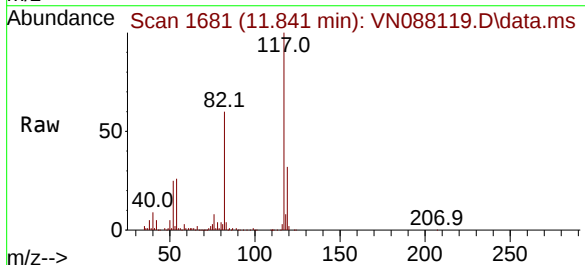
Instrument :
MSVOA_N
ClientSampleId :
TWP5

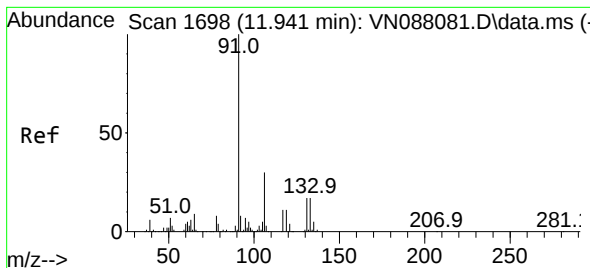
Tgt Ion: 95 Resp: 254790
Ion Ratio Lower Upper
95 100
174 67.8 0.0 138.4
176 64.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 117 Resp: 537996
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.5 24.3 36.5

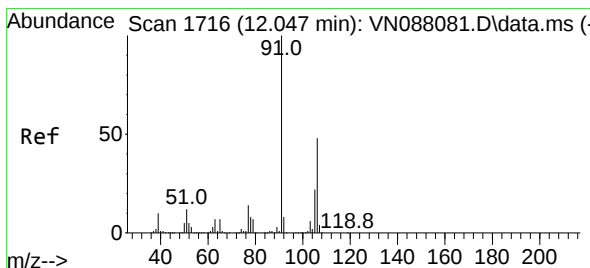
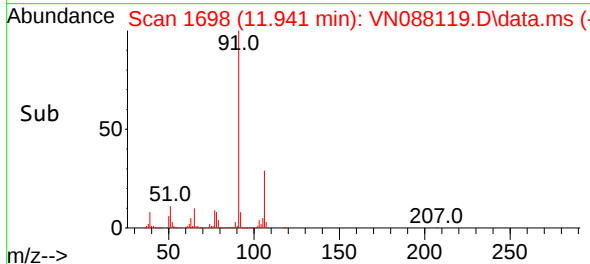
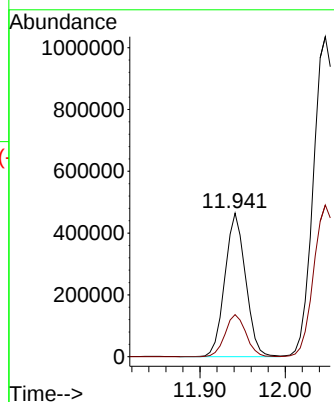
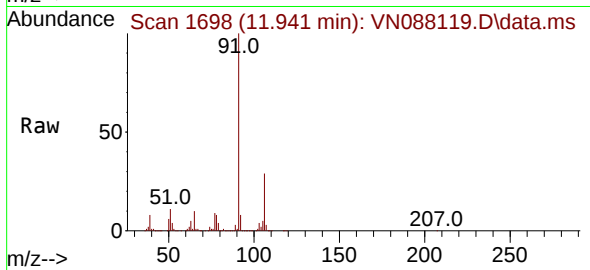




#67
Ethyl Benzene
Concen: 36.635 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

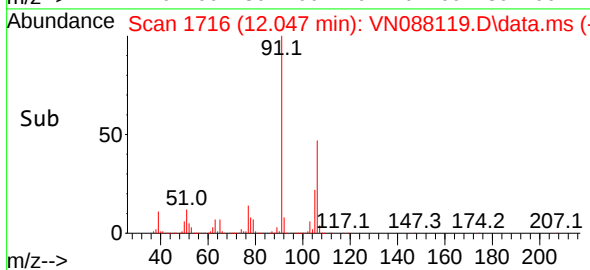
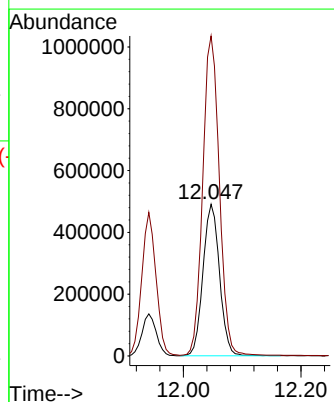
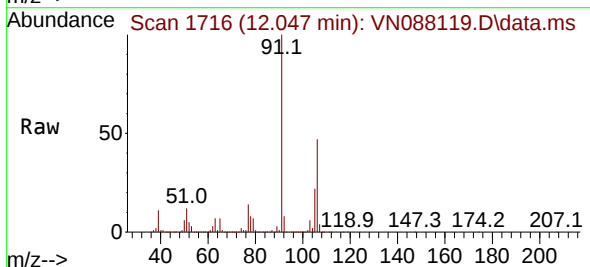
Instrument :
MSVOA_N
ClientSampleId :
TWP5

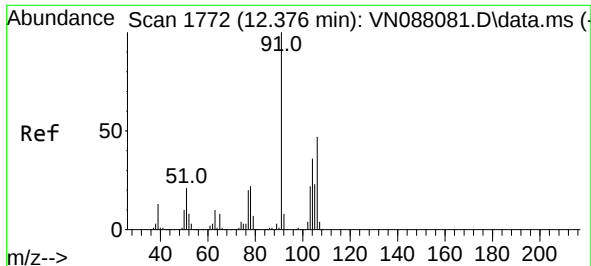
Tgt Ion: 91 Resp: 785583
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1



#68
m/p-Xylenes
Concen: 119.519 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion:106 Resp: 960262
Ion Ratio Lower Upper
106 100
91 211.3 169.3 253.9

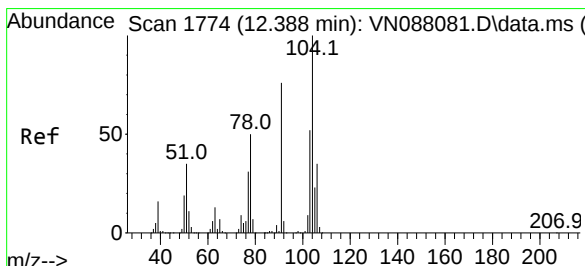
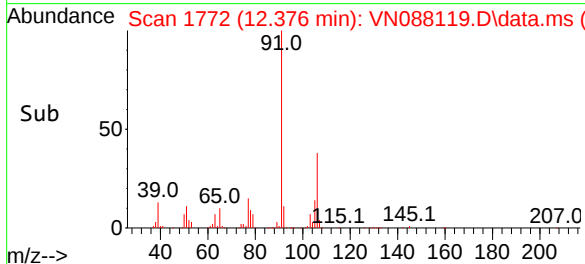
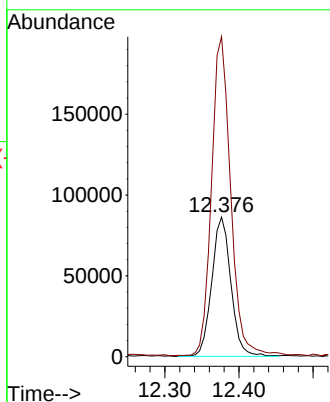
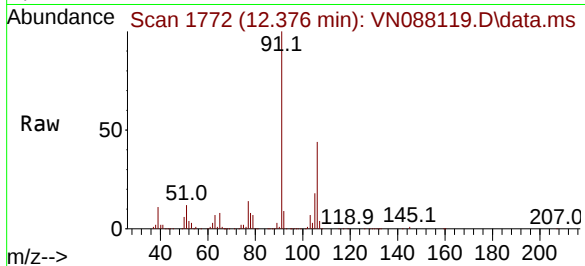




#69
o-Xylene
Concen: 20.312 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

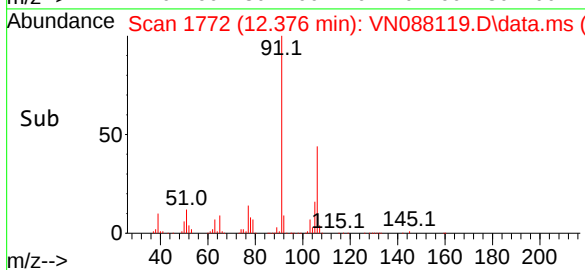
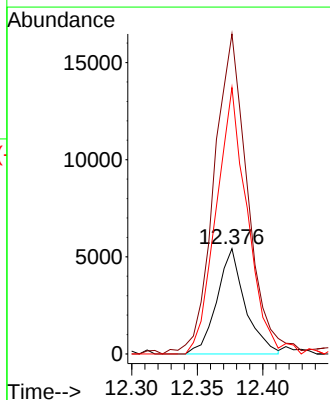
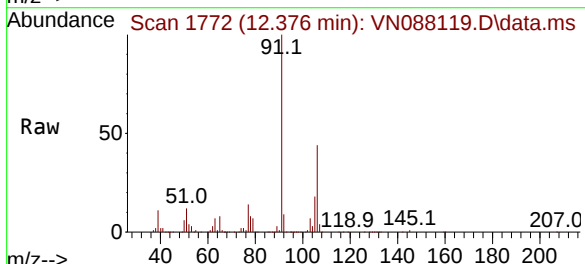
Instrument :
MSVOA_N
ClientSampleId :
TWP5

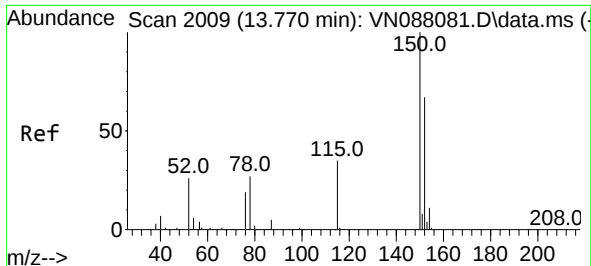
Tgt Ion:106 Resp: 154702
Ion Ratio Lower Upper
106 100
91 228.1 111.4 334.2



#70
Styrene
Concen: 0.655 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.012 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion:104 Resp: 8132
Ion Ratio Lower Upper
104 100
78 361.5 42.2 63.2#
103 282.3 43.4 65.2#

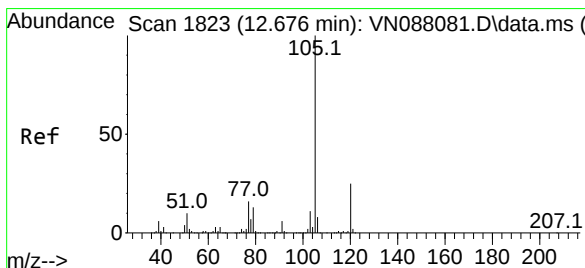
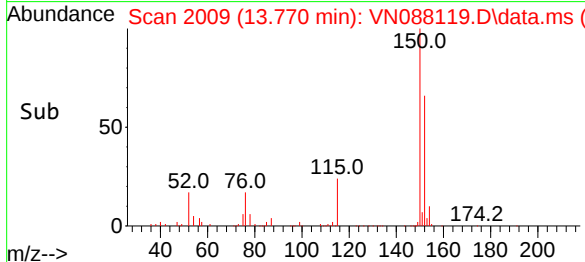
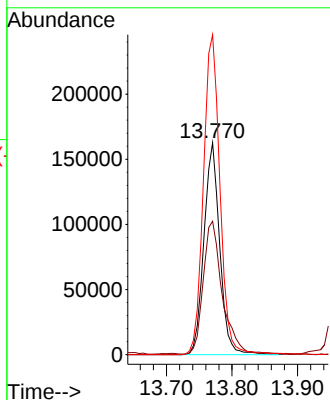
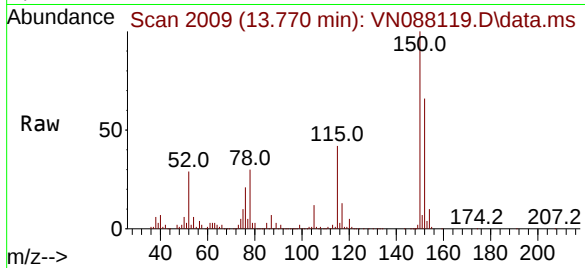




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2009
 Delta R.T. 0.006 min
 Lab File: VN088119.D
 Acq: 27 Oct 2025 16:58

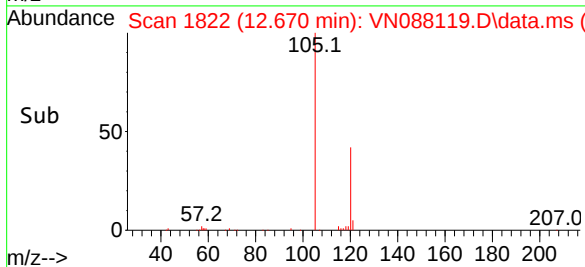
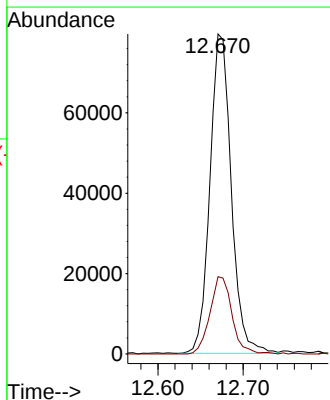
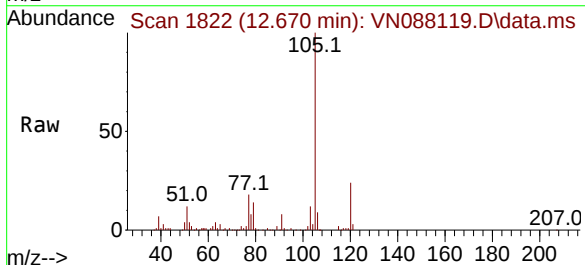
Instrument :
 MSVOA_N
 ClientSampleId :
 TWP5

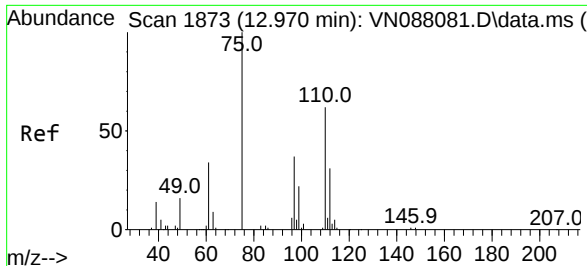
Tgt Ion:152 Resp: 272811
 Ion Ratio Lower Upper
 152 100
 115 75.5 32.3 96.8
 150 157.8 0.0 351.0



#73
 Isopropylbenzene
 Concen: 6.574 ug/l
 RT: 12.670 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: VN088119.D
 Acq: 27 Oct 2025 16:58

Tgt Ion:105 Resp: 138334
 Ion Ratio Lower Upper
 105 100
 120 25.0 12.8 38.3

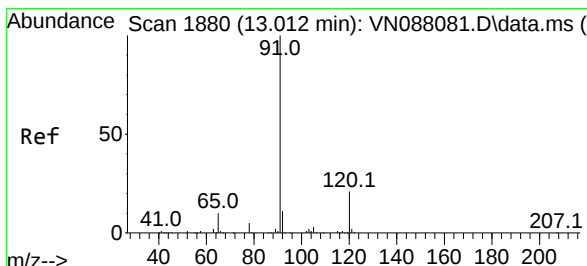
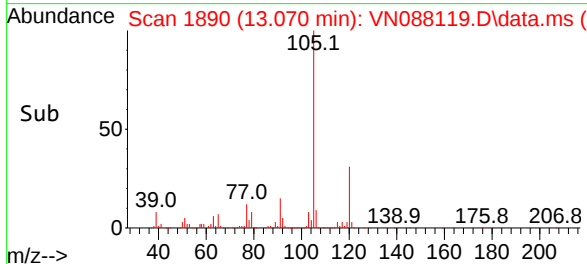
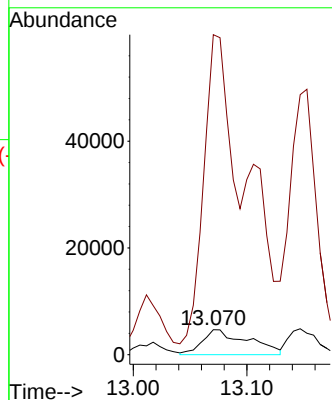
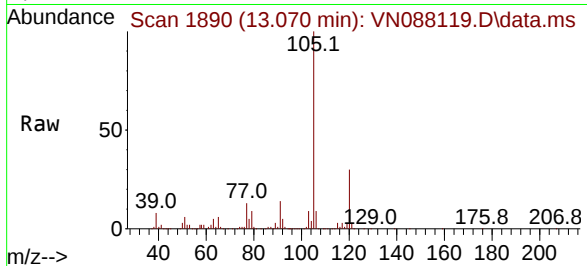




#76
1,2,3-Trichloropropane
Concen: 2.107 ug/l
RT: 13.070 min Scan# 1890
Delta R.T. 0.100 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

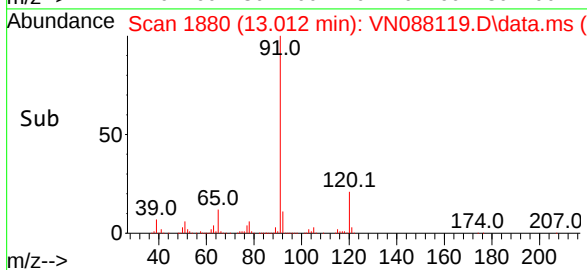
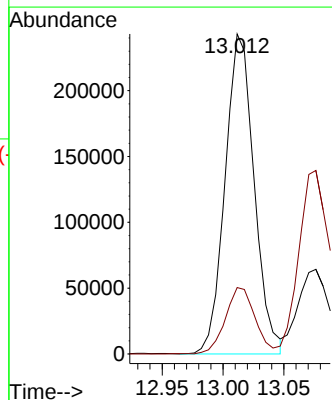
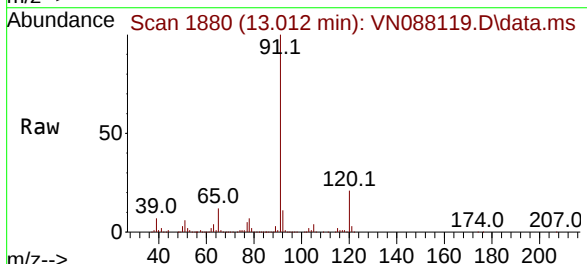
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MSVOA_N
ClientSampleId :
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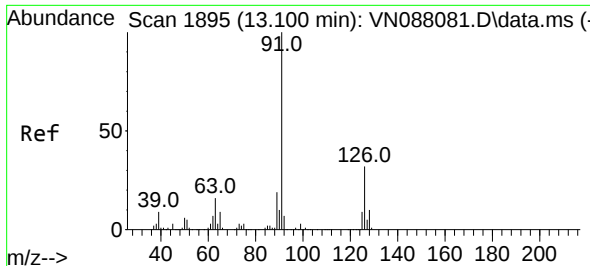
Tgt Ion: 75 Resp: 13141
Ion Ratio Lower Upper
75 100
77 761.7 89.1 267.4#



#78
n-propylbenzene
Concen: 15.718 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 91 Resp: 403599
Ion Ratio Lower Upper
91 100
120 21.2 10.7 32.1

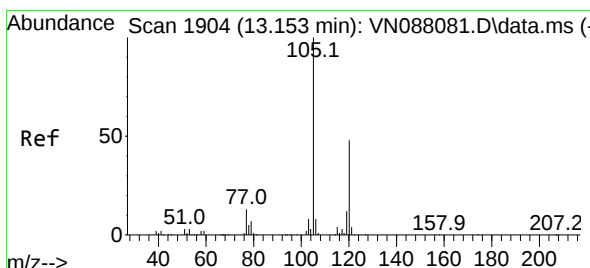
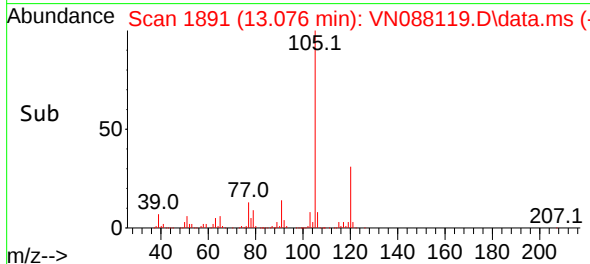
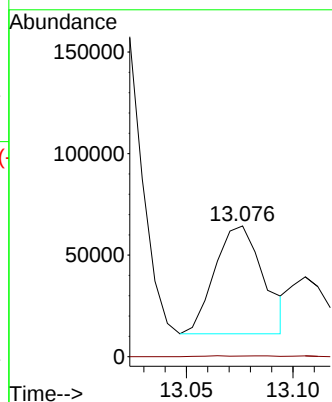
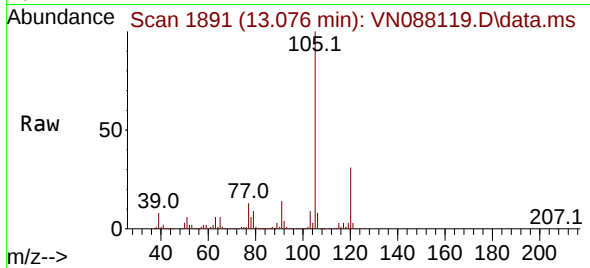




#79
2-Chlorotoluene
Concen: 5.769 ug/l
RT: 13.076 min Scan# 1895
Delta R.T. -0.024 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

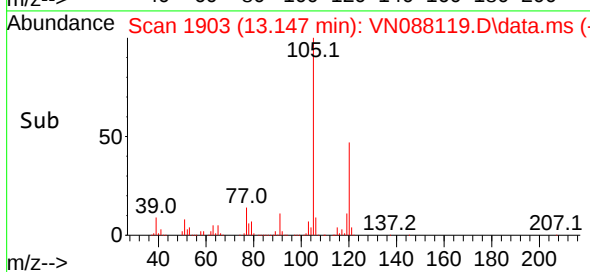
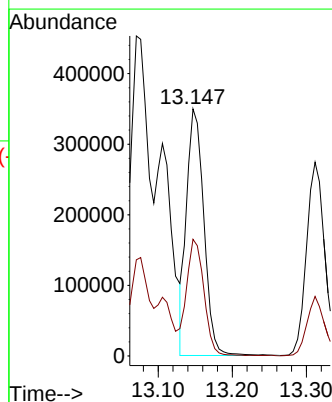
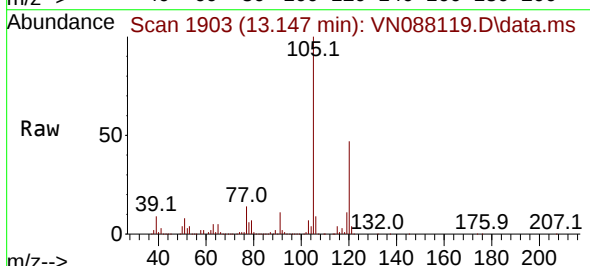
Instrument :
MSVOA_N
ClientSampleId :
TWP5

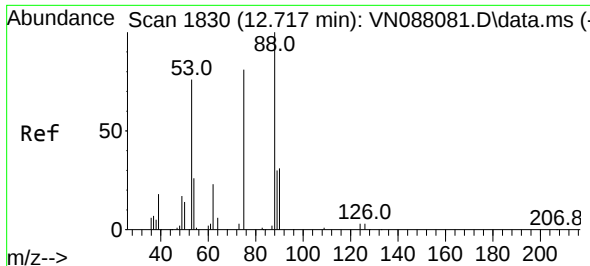
Tgt Ion: 91 Resp: 84472
Ion Ratio Lower Upper
91 100
126 0.5 16.1 48.3#



#80
1,3,5-Trimethylbenzene
Concen: 32.463 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 105 Resp: 567292
Ion Ratio Lower Upper
105 100
120 49.4 23.2 69.6

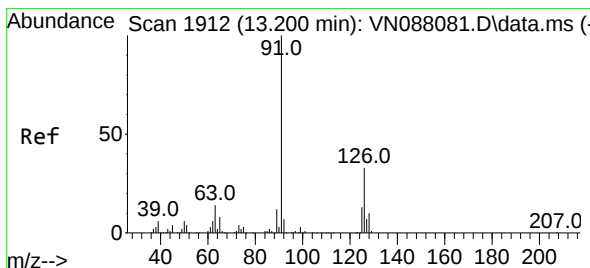
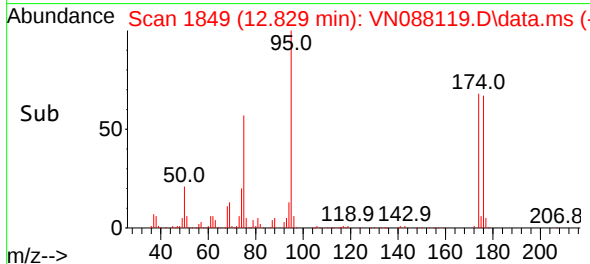
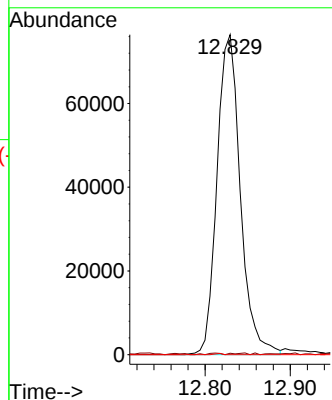
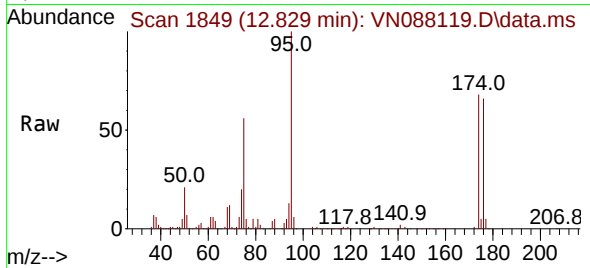




#81
trans-1,4-Dichloro-2-butene
Concen: 65.154 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

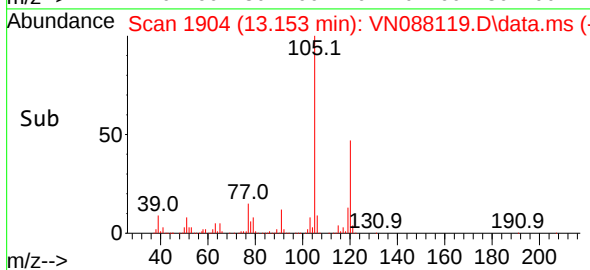
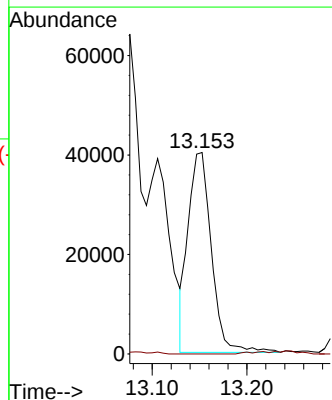
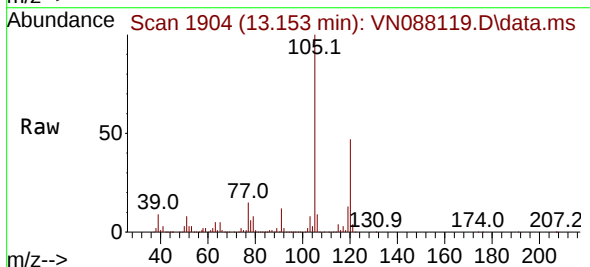
Instrument :
MSVOA_N
ClientSampleId :
TWP5

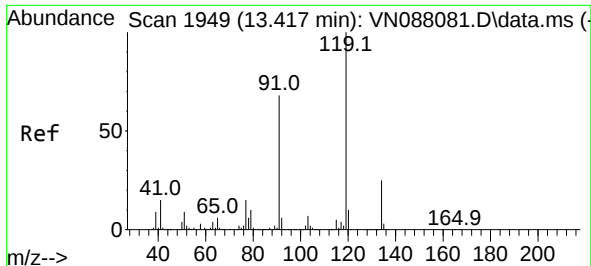
Tgt Ion: 75 Resp: 145683
Ion Ratio Lower Upper
75 100
53 0.3 101.8 152.6#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 4.329 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.047 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 91 Resp: 68581
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#

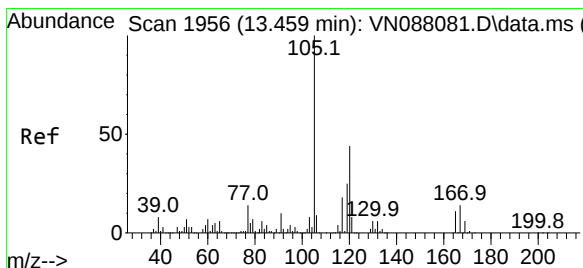
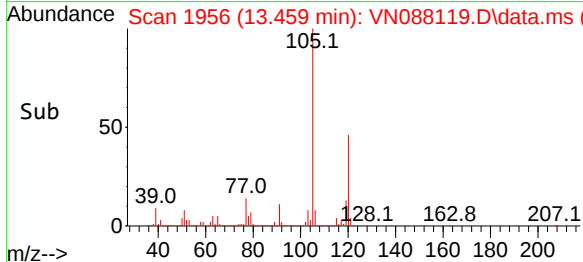
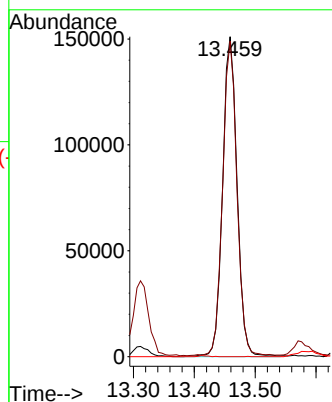
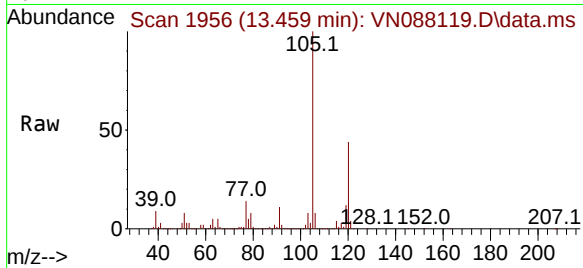




#83
tert-Butylbenzene
Concen: 15.972 ug/l
RT: 13.459 min Scan# 1949
Delta R.T. 0.041 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

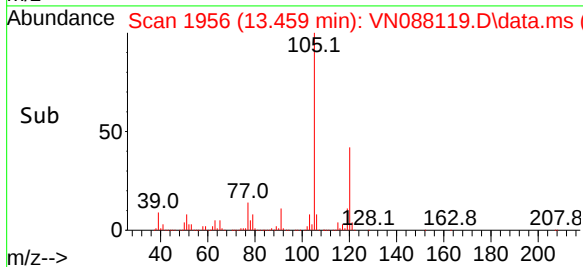
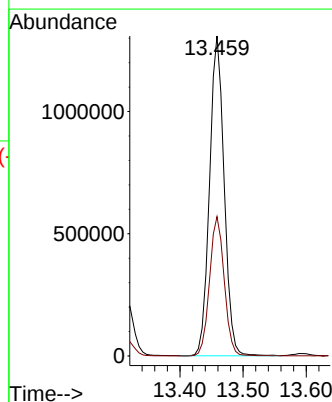
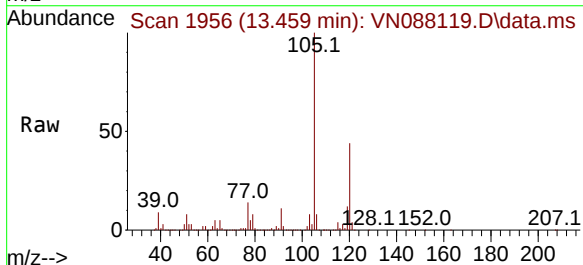
Instrument :
MSVOA_N
ClientSampleId :
TWP5

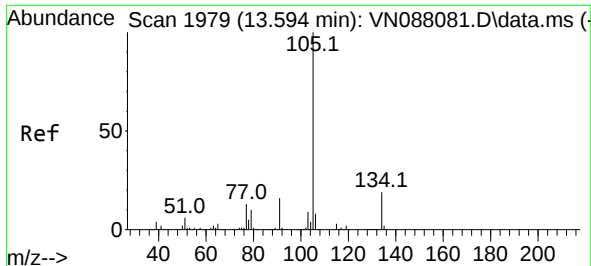
Tgt Ion:119 Resp: 249328
Ion Ratio Lower Upper
119 100
91 97.4 35.0 105.0
134 0.0 12.6 37.8#



#84
1,2,4-Trimethylbenzene
Concen: 120.022 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion:105 Resp: 2098441
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0

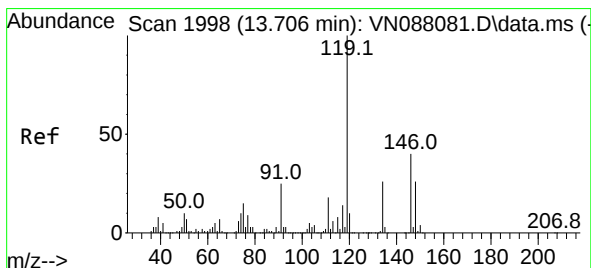
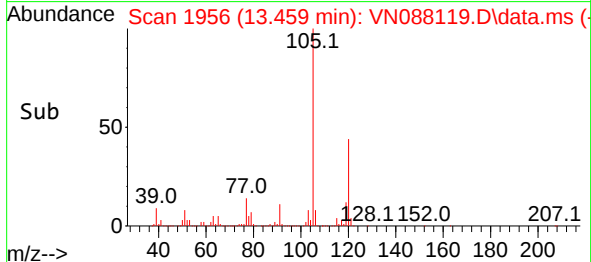
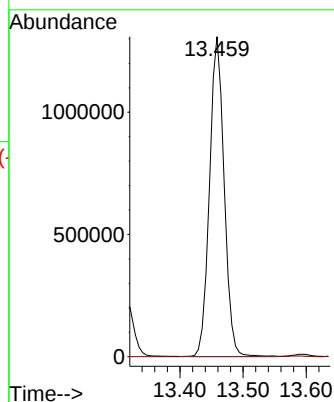
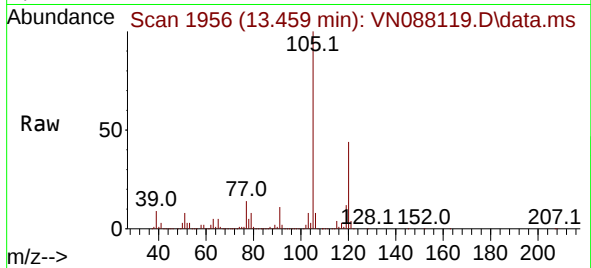




#85
 sec-Butylbenzene
 Concen: 91.496 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.135 min
 Lab File: VN088119.D
 Acq: 27 Oct 2025 16:58

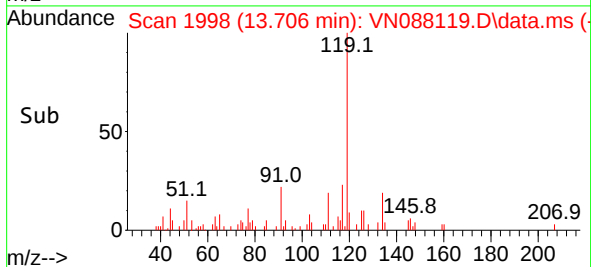
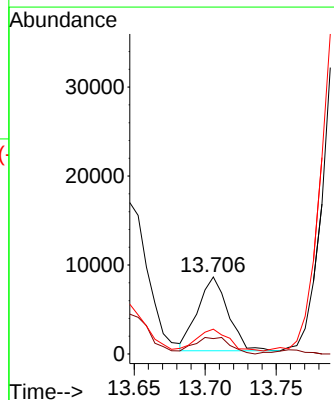
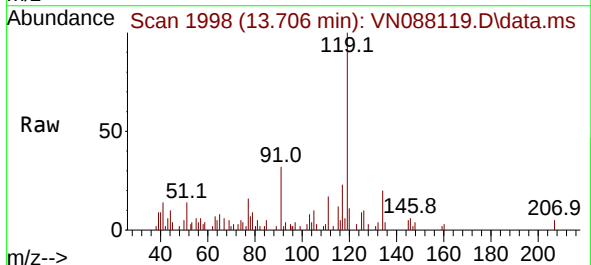
Instrument :
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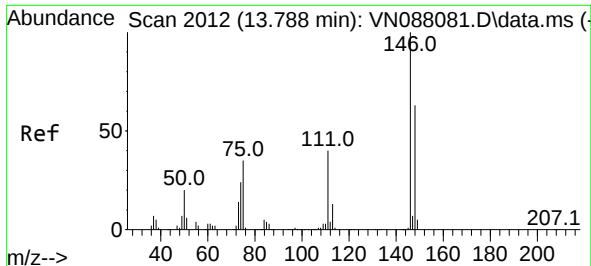
Tgt Ion:105 Resp: 2098441
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 0.668 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088119.D
 Acq: 27 Oct 2025 16:58

Tgt Ion:119 Resp: 12295
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.7 38.0
 91 0.0 12.5 37.5#

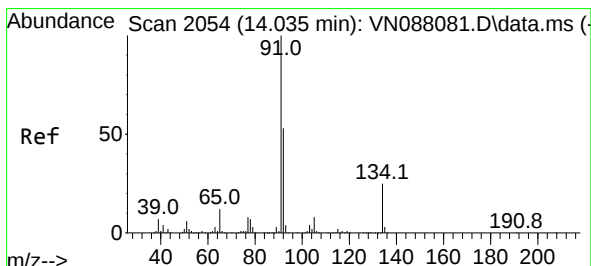
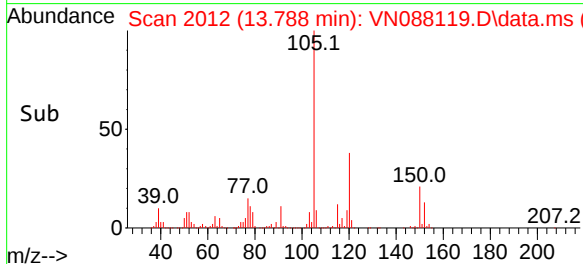
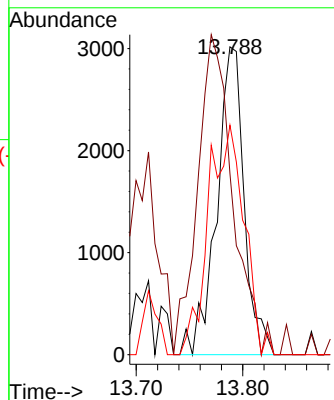
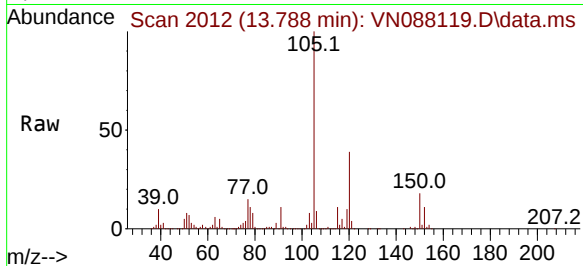




#88
1,4-Dichlorobenzene
Concen: 0.556 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

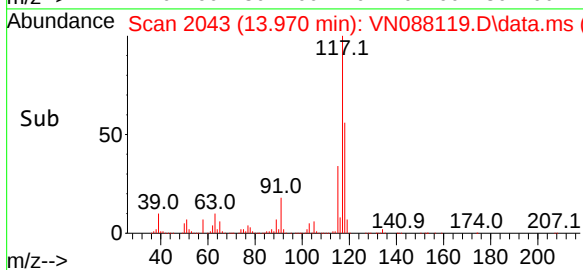
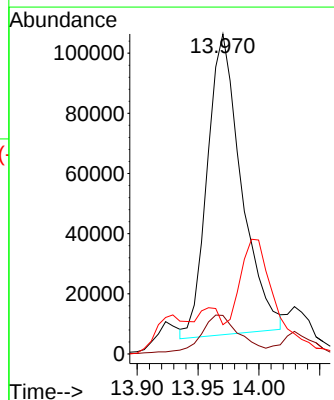
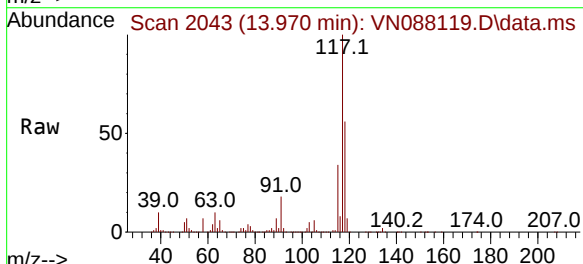
Instrument :
MSVOA_N
ClientSampleId :
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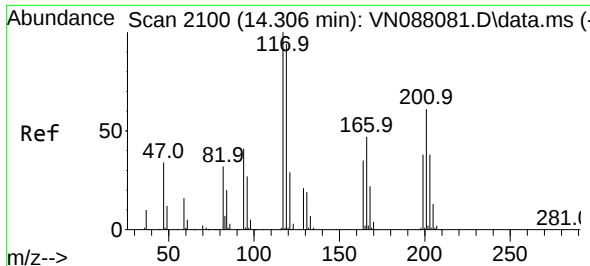
Tgt Ion:146 Resp: 5409
Ion Ratio Lower Upper
146 100
111 132.9 21.0 63.0#
148 97.0 32.0 96.0#



#89
n-Butylbenzene
Concen: 10.697 ug/l
RT: 13.970 min Scan# 2043
Delta R.T. -0.059 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 91 Resp: 194948
Ion Ratio Lower Upper
91 100
92 15.3 25.9 77.8#
134 6.3 11.7 35.0#

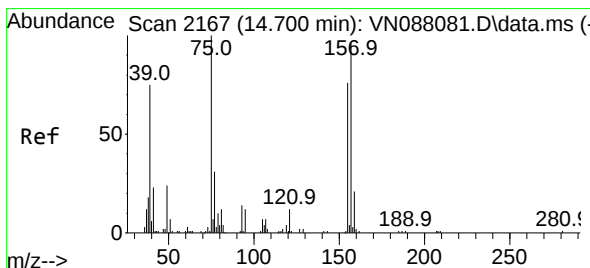
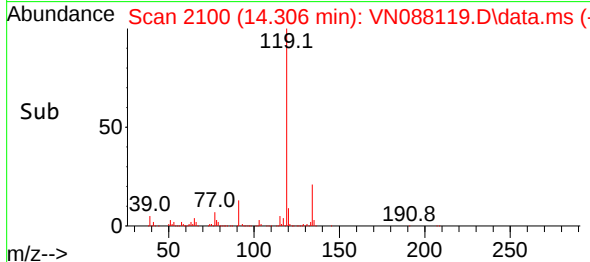
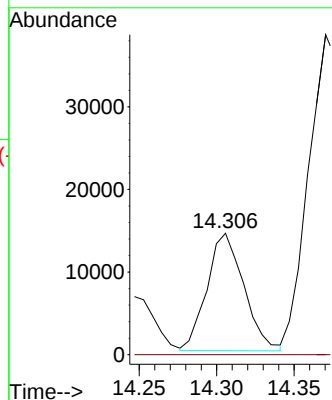
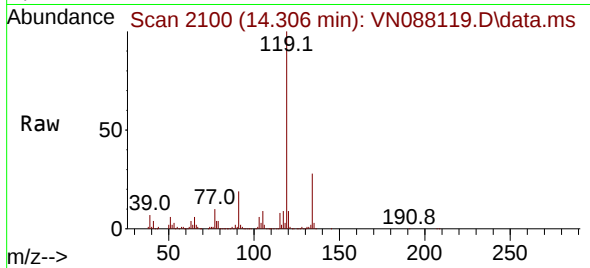




#90
Hexachloroethane
Concen: 6.618 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

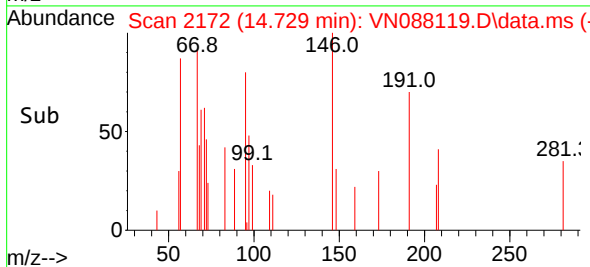
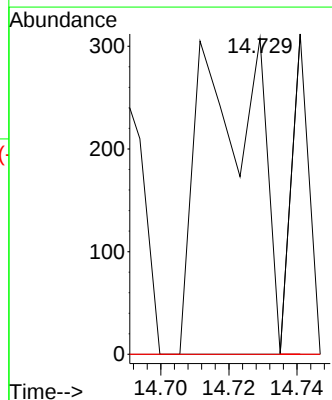
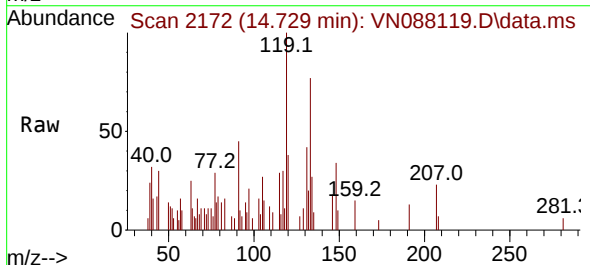
Instrument :
MSVOA_N
ClientSampleId :
TWP5

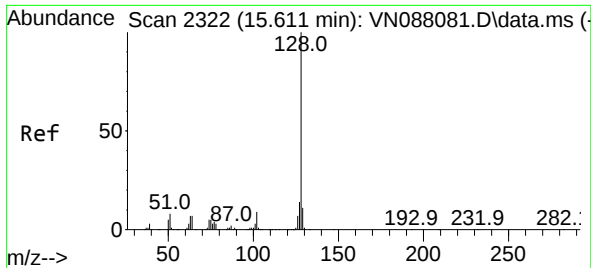
Tgt Ion:117 Resp: 23578
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.238 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.029 min
Lab File: VN088119.D
Acq: 27 Oct 2025 16:58

Tgt Ion: 75 Resp: 363
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.9#
157 0.0 45.6 136.9#





#95

Naphthalene

Concen: 72.968 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088119.D

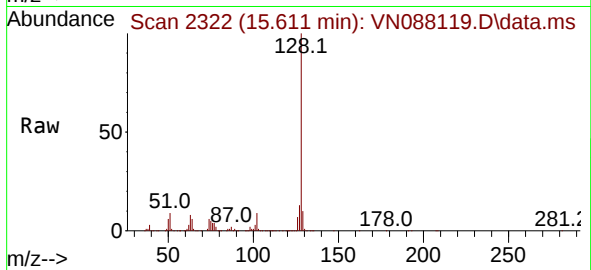
Acq: 27 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

TWP5



Tgt Ion:128 Resp: 1321798

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.7 8.6 12.8

