

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086333.D
 Acq On : 18 Apr 2025 10:09
 Operator : JC\MD
 Sample : VN0418WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBL01

Quant Time: Apr 19 02:20:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

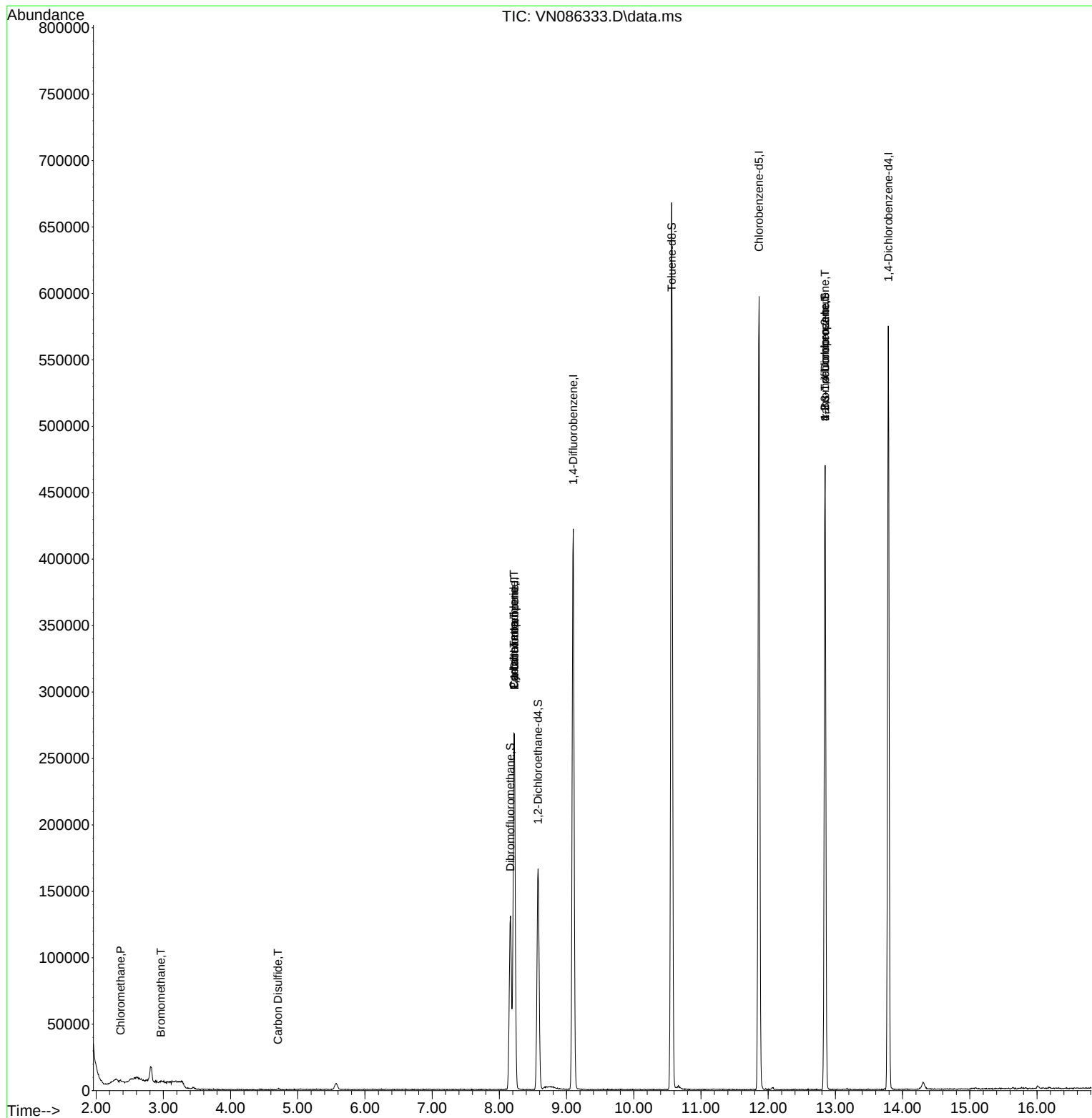
Internal Standards						
1) Pentafluorobenzene	8.224	168	199562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139434	48.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.360%		
35) Dibromofluoromethane	8.165	113	96878	55.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.760%		
50) Toluene-d8	10.565	98	471020	50.835	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.680%		
62) 4-Bromofluorobenzene	12.847	95	172195	50.952	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.900%		
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1246	0.362	ug/l	90
5) Bromomethane	2.965	94	577	0.391	ug/l #	63
16) Acetone	4.430	43	561	Below Cal	#	43
17) Carbon Disulfide	4.706	76	1561	0.222	ug/l #	74
31) Cyclohexane	8.218	56	4616	0.984	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16795	4.850	ug/l #	49
38) Carbon Tetrachloride	8.218	117	20441	6.199	ug/l #	16
43) Isopropyl Acetate	8.677	43	1147	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.847	75	86870	24.124	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86870	57.938	ug/l #	10

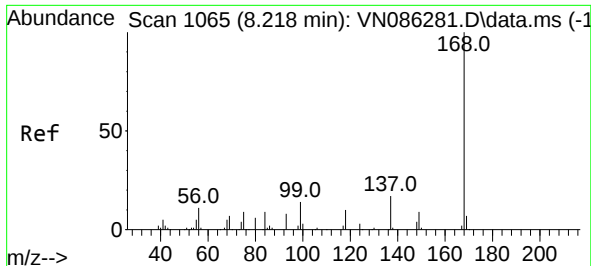
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
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VN0418WBL01

Quant Time: Apr 19 02:20:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

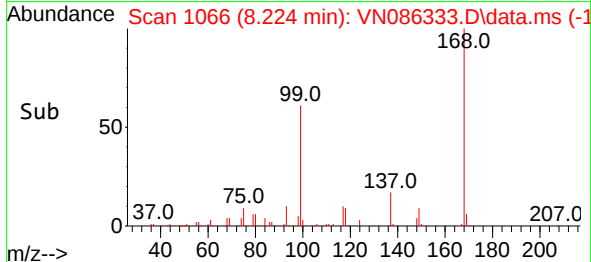
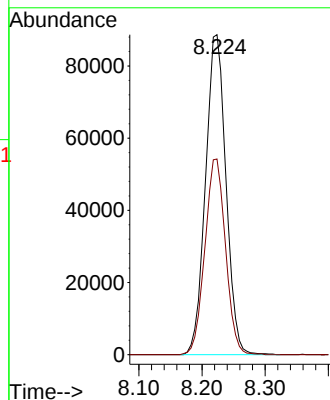
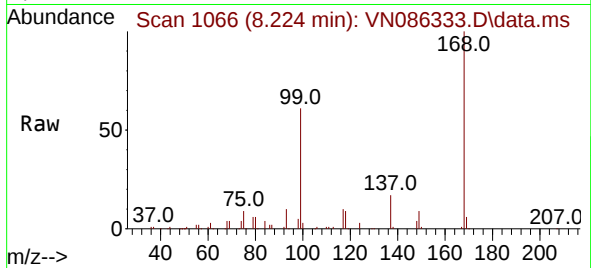




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

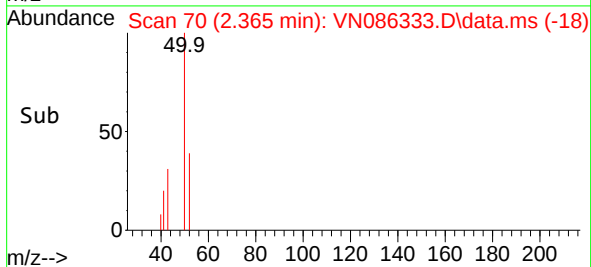
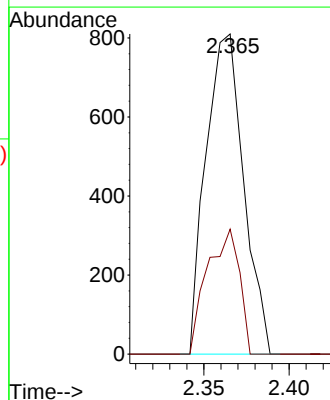
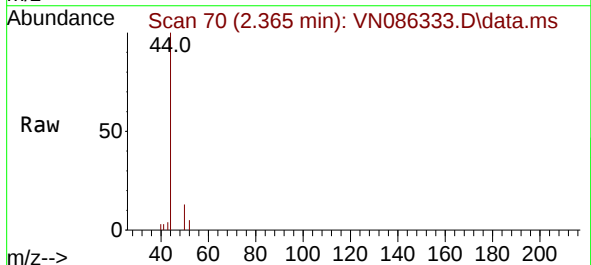
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBL01

Tgt Ion:168 Resp: 199562
Ion Ratio Lower Upper
168 100
99 61.1 52.5 78.7



#3
Chloromethane
Concen: 0.362 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Tgt Ion: 50 Resp: 1246
Ion Ratio Lower Upper
50 100
52 39.0 26.5 39.7

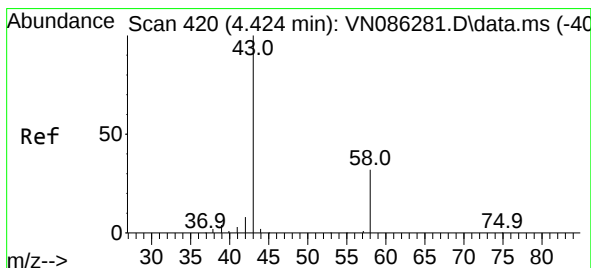
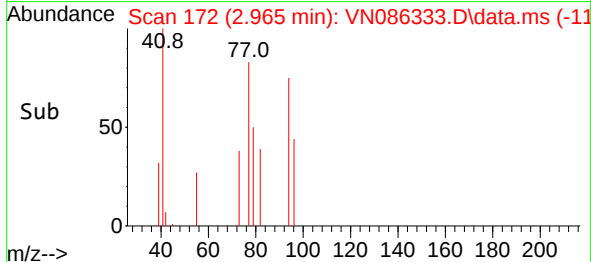
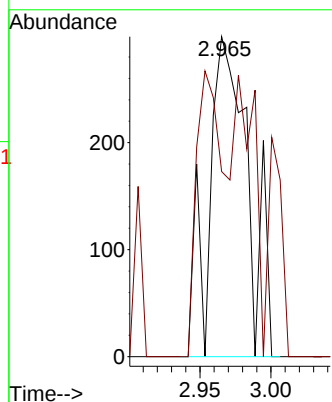
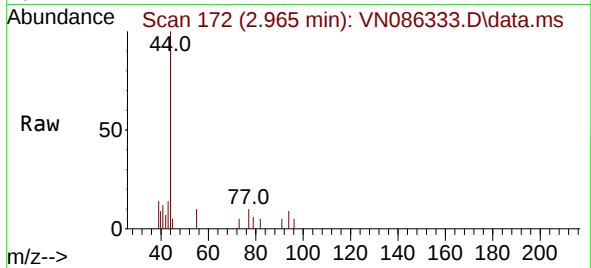




#5
Bromomethane
Concen: 0.391 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

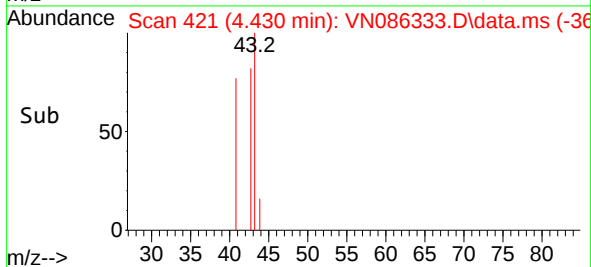
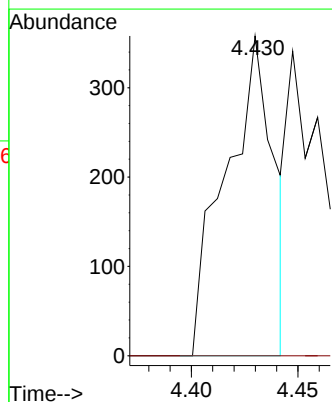
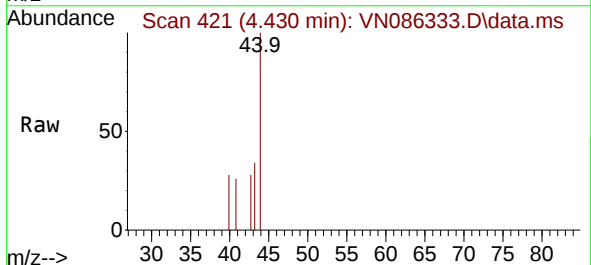
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MSVOA_N
ClientSampleId :
VN0418WBL01

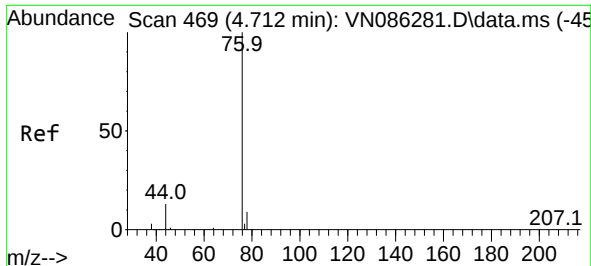
Tgt Ion: 94 Resp: 577
Ion Ratio Lower Upper
94 100
96 57.9 75.2 112.8#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#

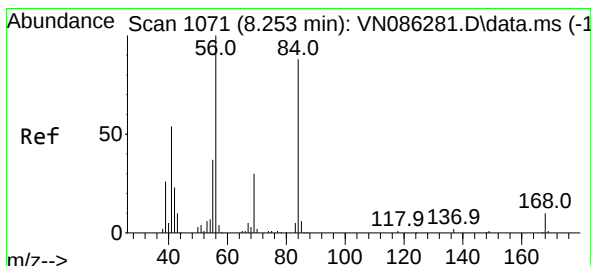
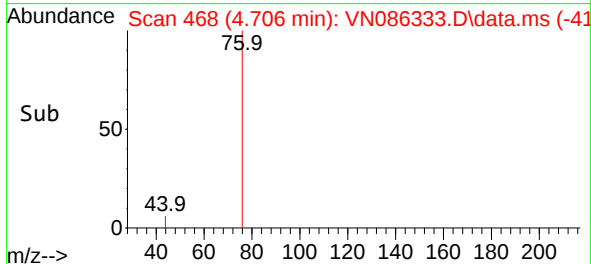
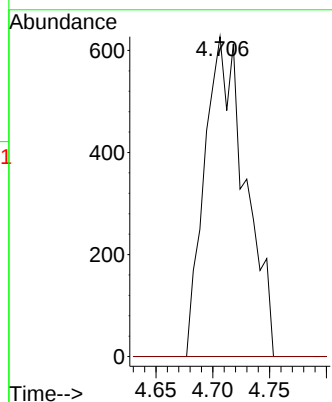
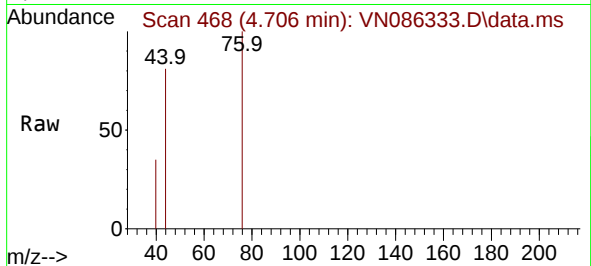




#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

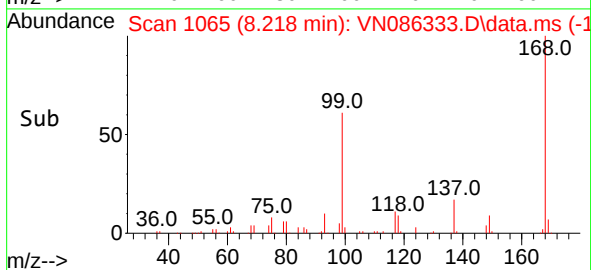
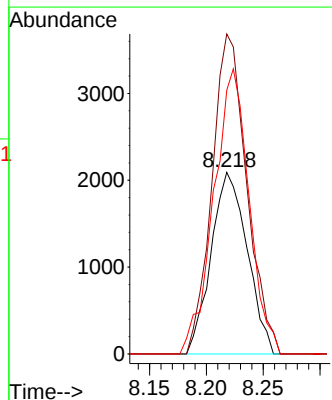
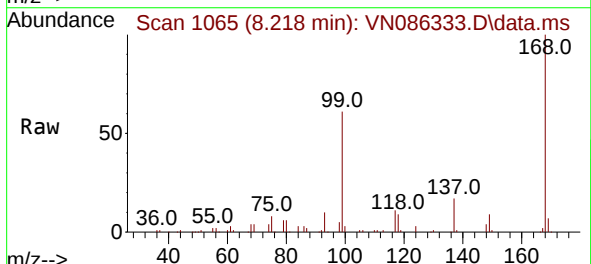
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBL01

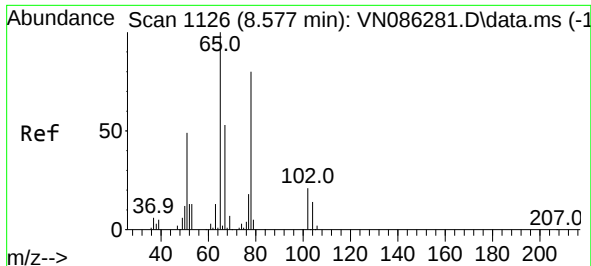
Tgt Ion: 76 Resp: 1561
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Tgt Ion: 56 Resp: 4616
Ion Ratio Lower Upper
56 100
69 176.1 24.2 36.2#
84 145.1 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 48.183 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086333.D

Acq: 18 Apr 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

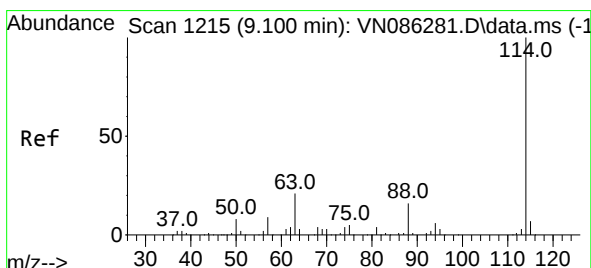
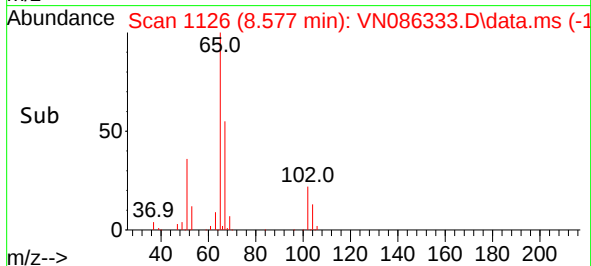
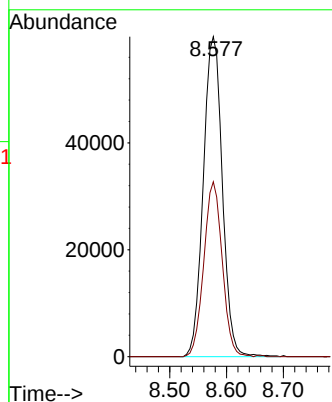
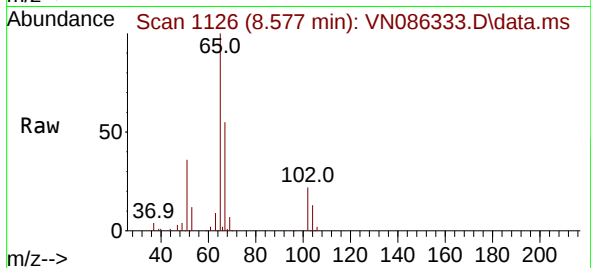
VN0418WBL01

Tgt Ion: 65 Resp: 139434

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086333.D

Acq: 18 Apr 2025 10:09

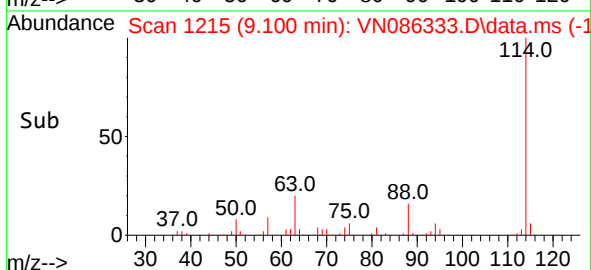
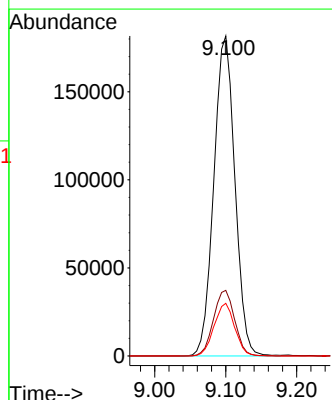
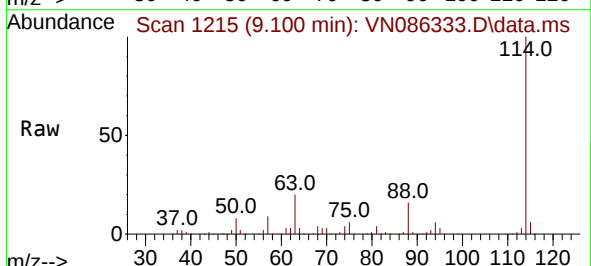
Tgt Ion: 114 Resp: 373547

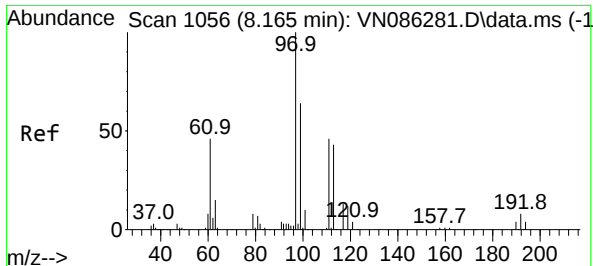
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 16.5 0.0 31.8

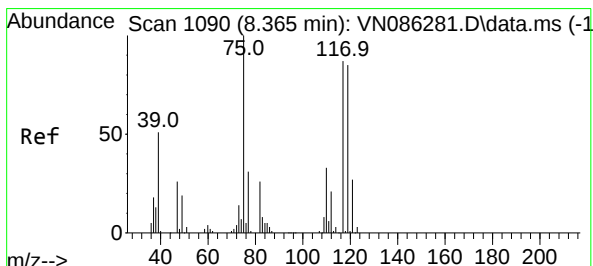
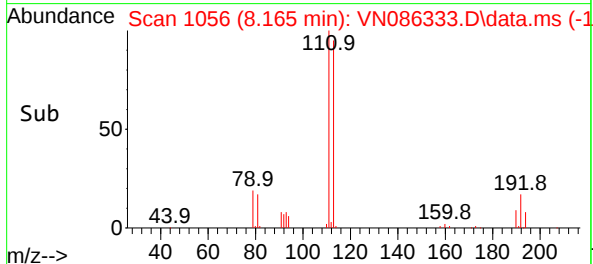
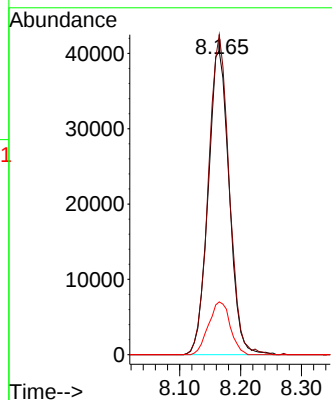
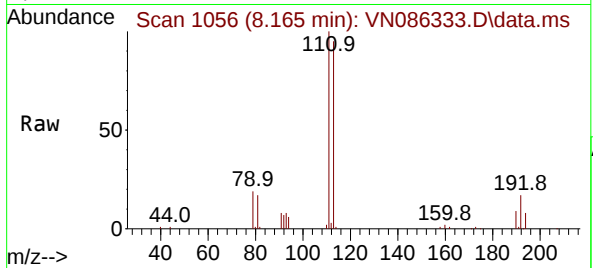




#35
Dibromofluoromethane
Concen: 55.880 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

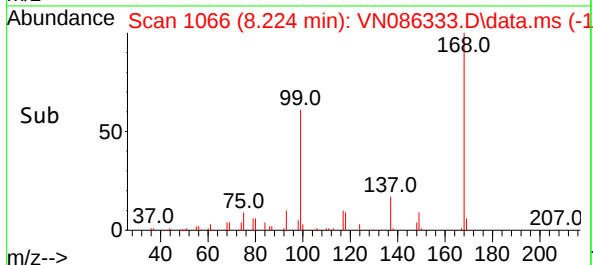
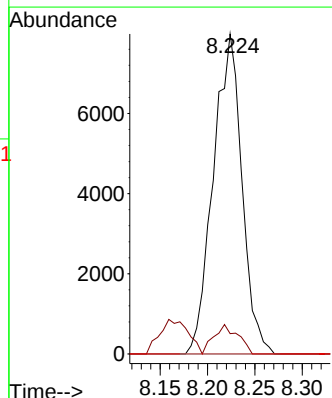
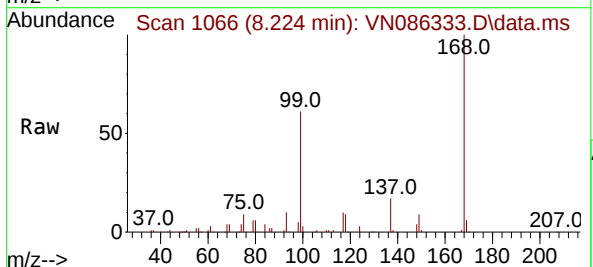
Instrument :
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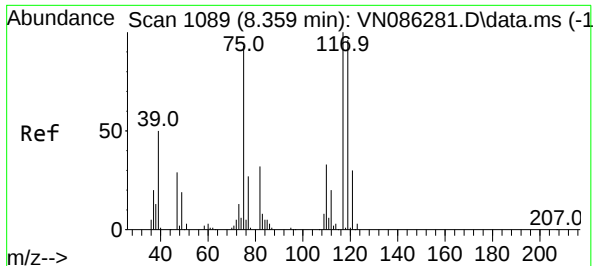
Tgt Ion:113 Resp: 96878
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.0
192 17.8 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.850 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Tgt Ion: 75 Resp: 16795
Ion Ratio Lower Upper
75 100
110 7.7 16.8 50.4#
77 0.0 24.9 37.3#

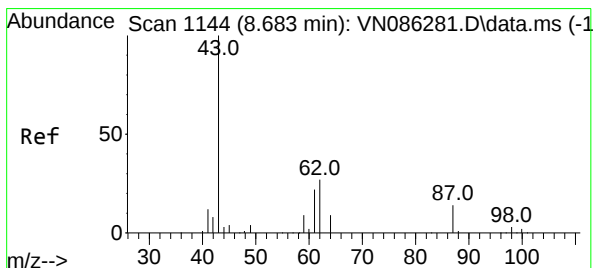
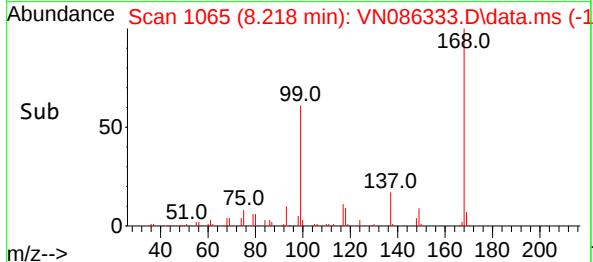
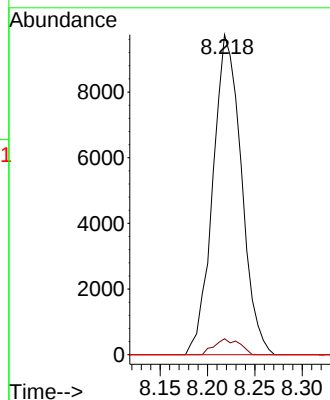
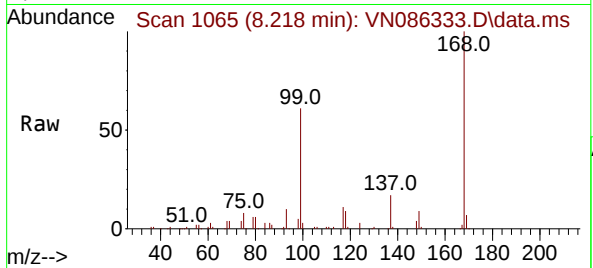




#38
Carbon Tetrachloride
Concen: 6.199 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

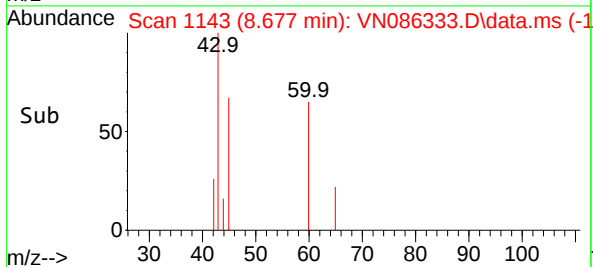
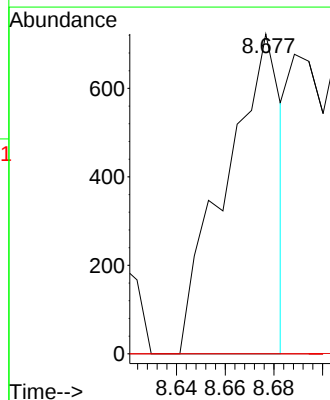
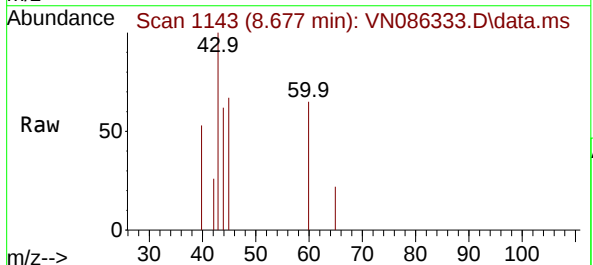
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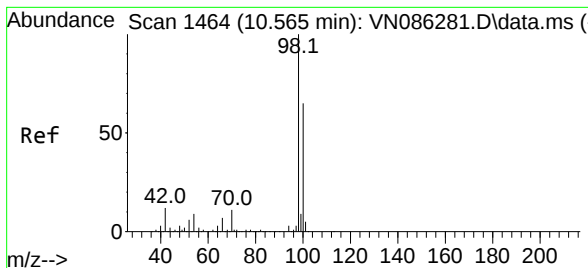
Tgt Ion:117 Resp: 20441
Ion Ratio Lower Upper
117 100
119 5.0 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

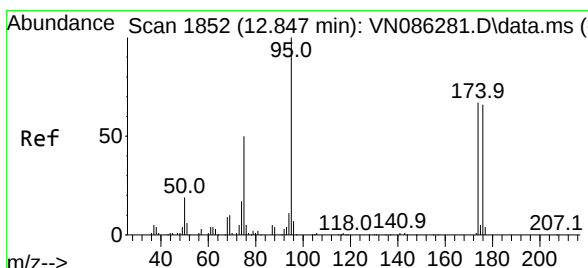
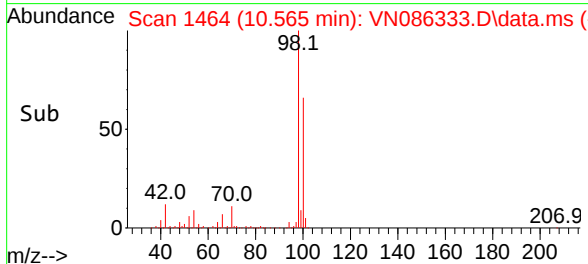
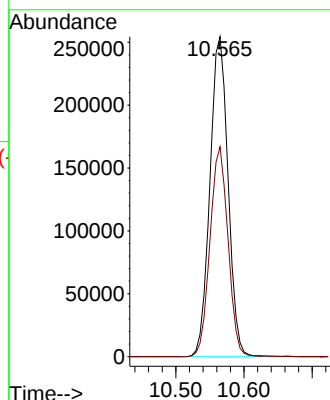
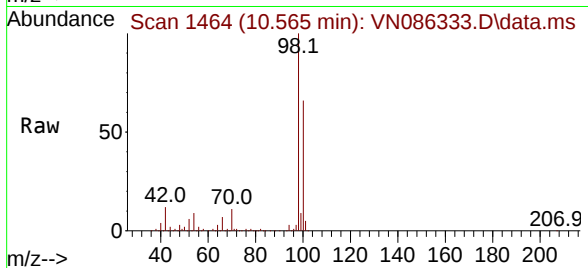




#50
Toluene-d8
Concen: 50.835 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

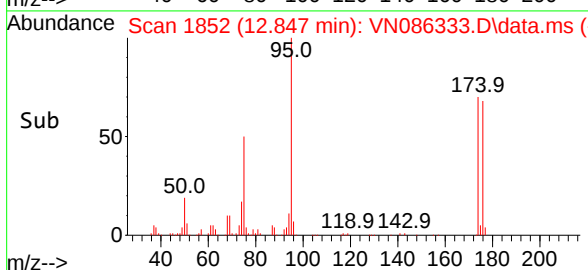
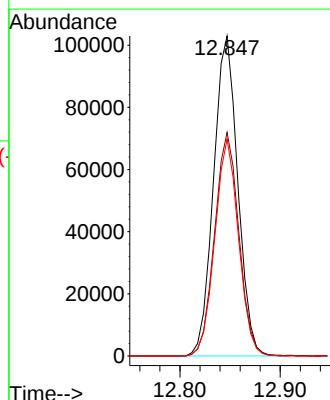
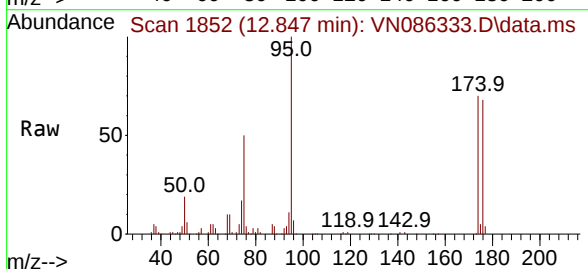
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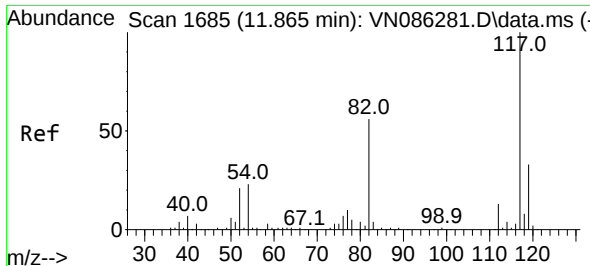
Tgt Ion: 98 Resp: 471020
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.952 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Tgt Ion: 95 Resp: 172195
Ion Ratio Lower Upper
95 100
174 70.0 0.0 133.4
176 66.3 0.0 129.2

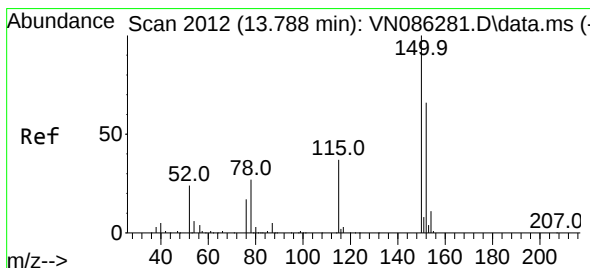
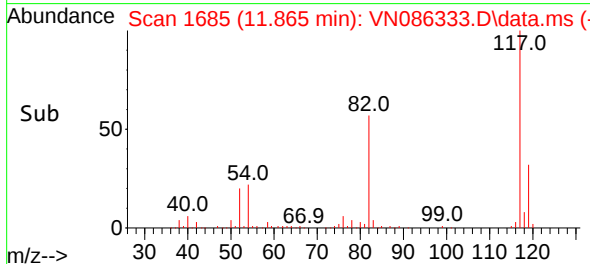
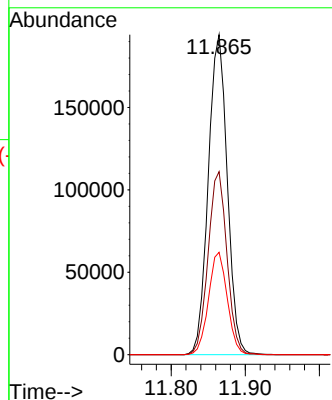
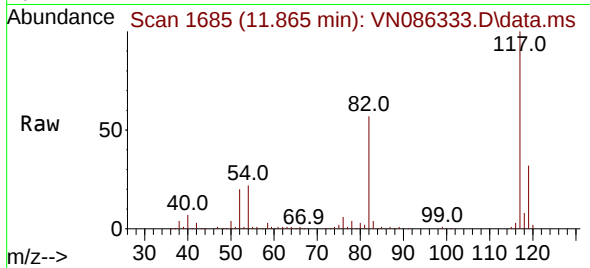




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

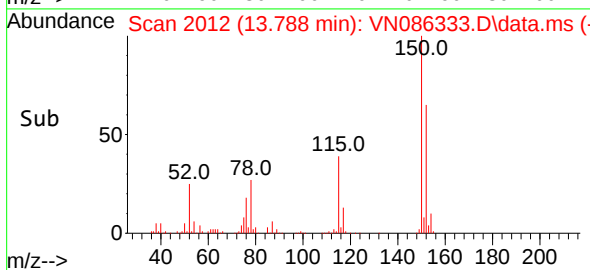
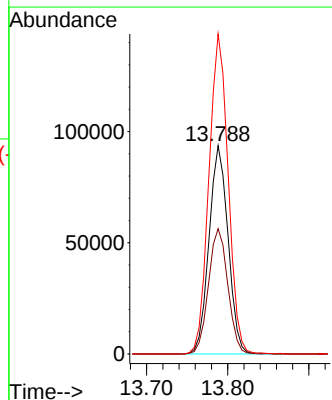
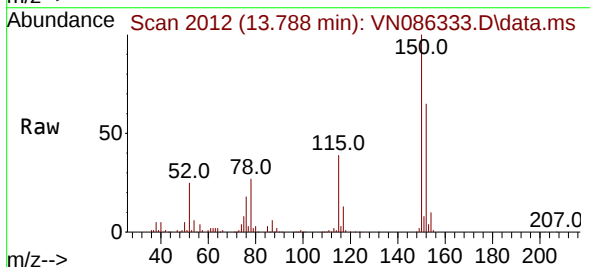
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBL01

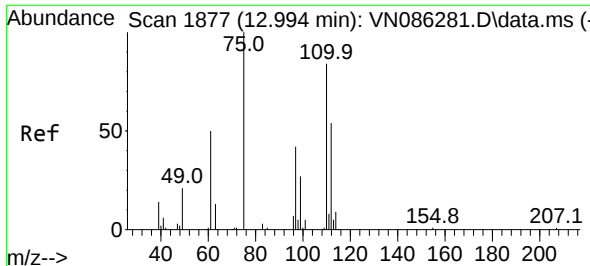
Tgt Ion:117 Resp: 345120
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Tgt Ion:152 Resp: 152591
Ion Ratio Lower Upper
152 100
115 60.9 31.9 95.9
150 155.2 0.0 352.0

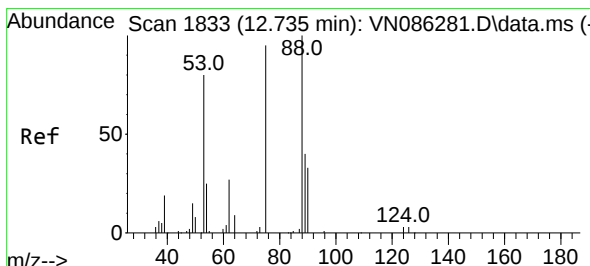
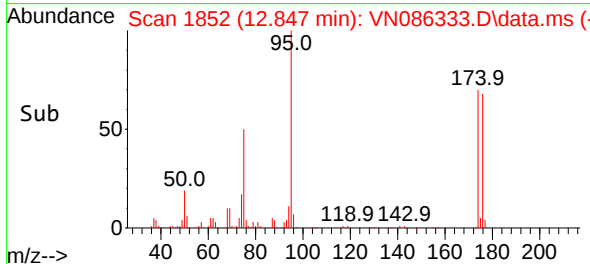
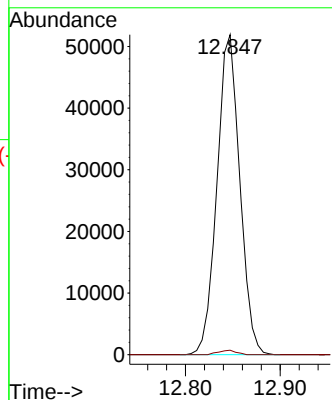
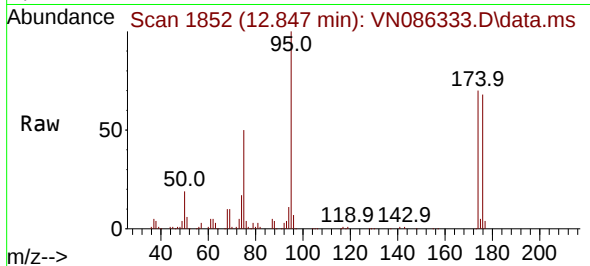




#76
1,2,3-Trichloropropane
Concen: 24.124 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBL01

Tgt Ion: 75 Resp: 86870
Ion Ratio Lower Upper
75 100
77 1.1 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.938 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086333.D
Acq: 18 Apr 2025 10:09

Tgt Ion: 75 Resp: 86870
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.1 35.7 53.5#

