

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086525.D
 Acq On : 06 May 2025 19:24
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 07 02:58:20 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)

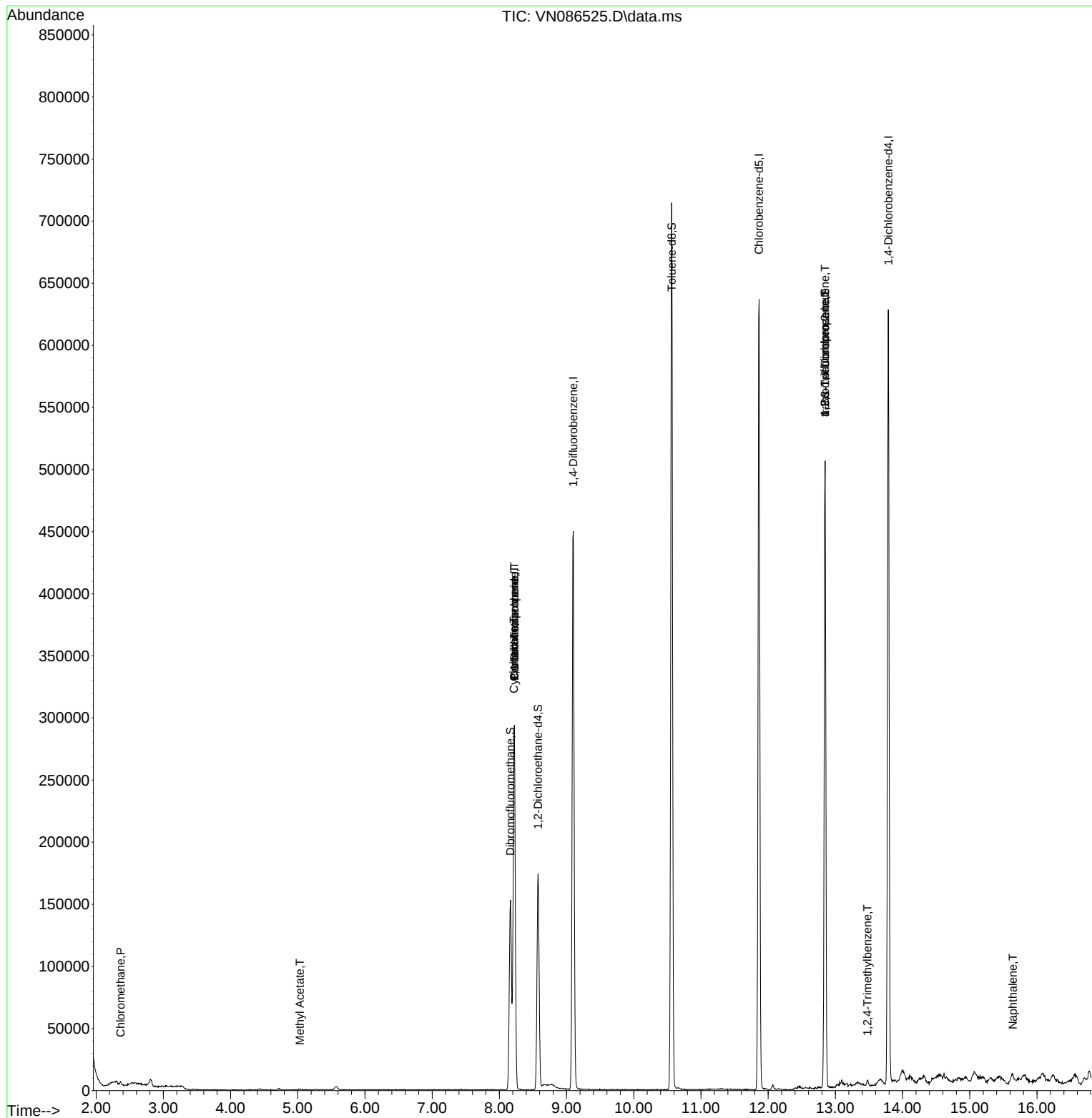
Internal Standards						
1) Pentafluorobenzene	8.224	168	225188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	146919	44.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.980%		
35) Dibromofluoromethane	8.165	113	113728	59.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	118.840%		
50) Toluene-d8	10.565	98	512055	50.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.120%		
62) 4-Bromofluorobenzene	12.847	95	185052	49.597	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.200%		
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	2389	0.616	ug/l #	85
16) Acetone	4.430	43	2005	Below Cal		97
18) Methyl Acetate	5.030	43	1038	0.265	ug/l #	51
31) Cyclohexane	8.218	56	4352	0.822	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16907	4.422	ug/l #	48
38) Carbon Tetrachloride	8.224	117	21851	6.002	ug/l #	15
43) Isopropyl Acetate	8.676	43	6696	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.847	75	92421	22.808	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	92421	54.777	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.476	105	3518	0.301	ug/l	87
95) Naphthalene	15.641	128	3259	0.338	ug/l #	93

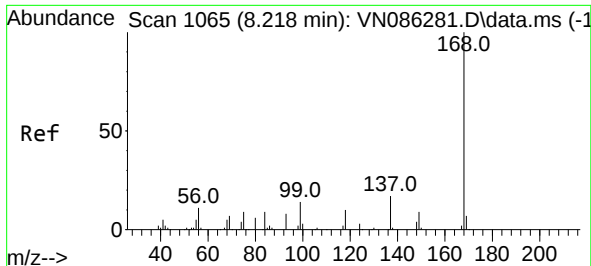
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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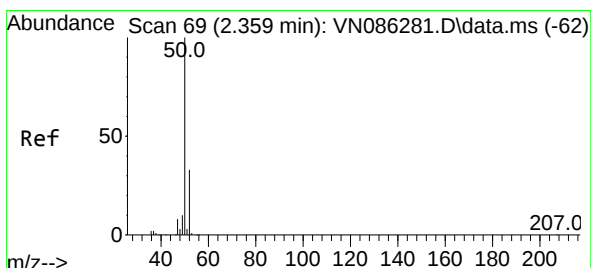
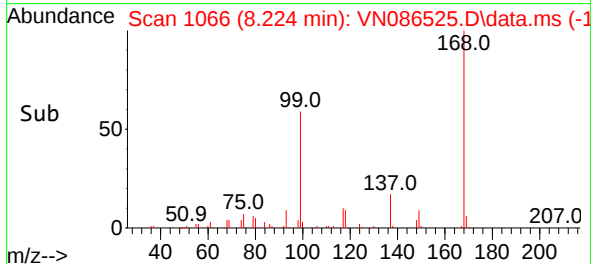
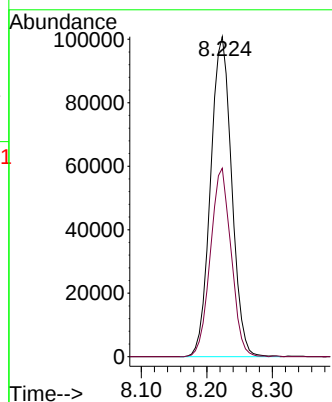
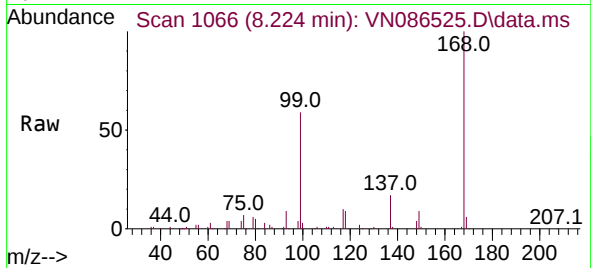




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

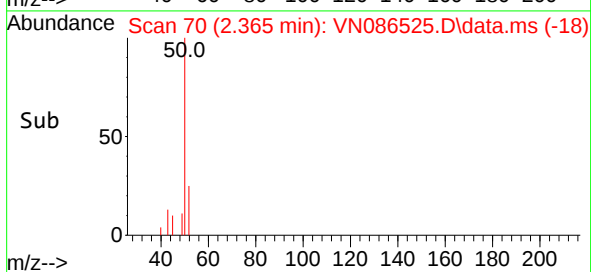
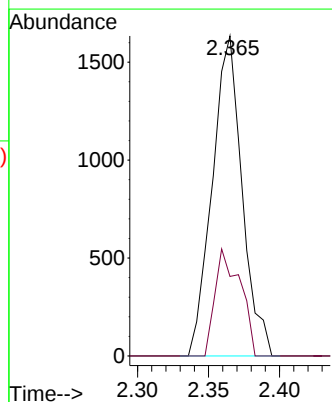
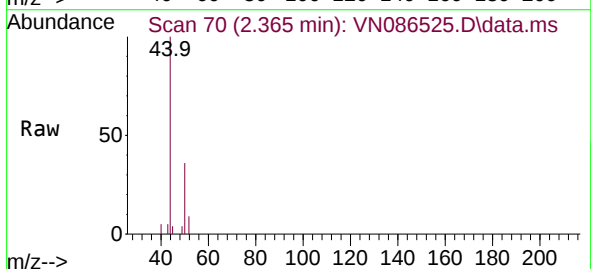
Instrument :
MSVOA_N
ClientSampleId :
IBLK

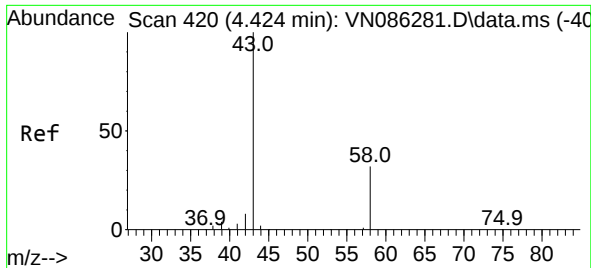
Tgt Ion:168 Resp: 225188
Ion Ratio Lower Upper
168 100
99 58.9 52.5 78.7



#3
Chloromethane
Concen: 0.616 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion: 50 Resp: 2389
Ion Ratio Lower Upper
50 100
52 24.8 26.5 39.7#

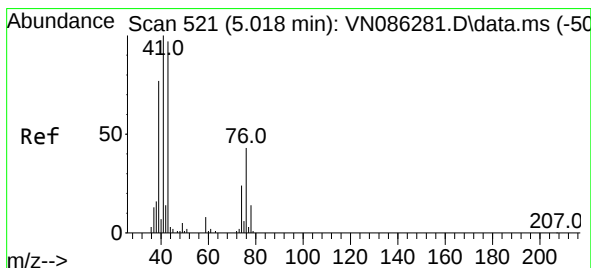
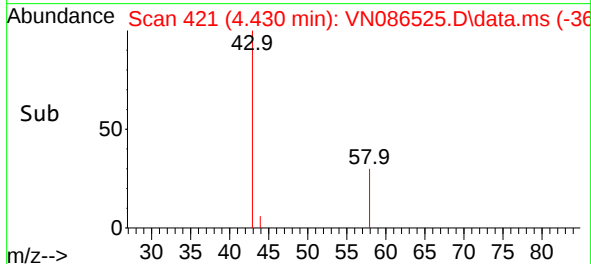
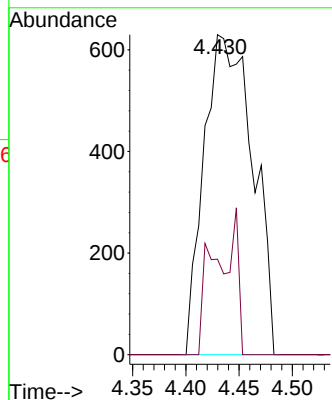
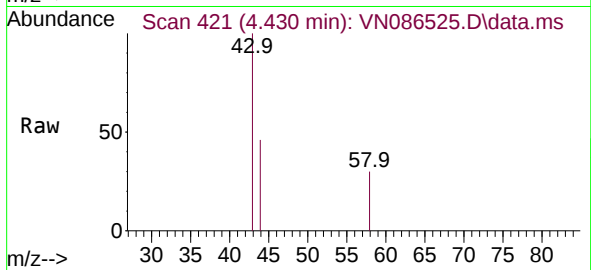




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

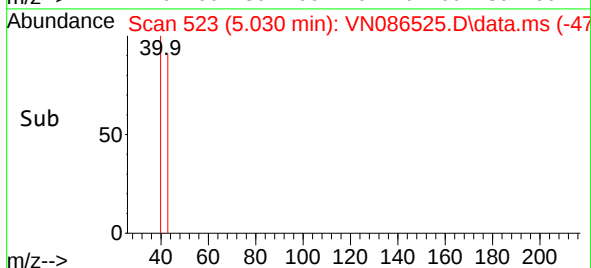
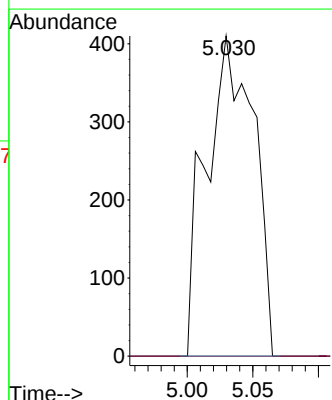
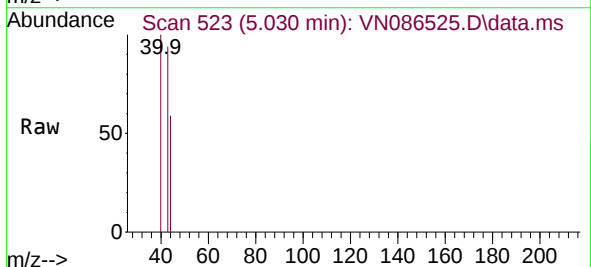
Instrument :
MSVOA_N
ClientSampleId :
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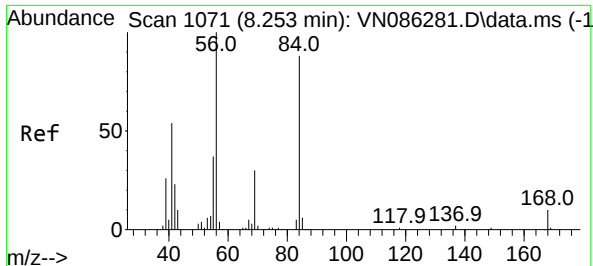
Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 29.8 25.3 37.9



#18
Methyl Acetate
Concen: 0.265 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

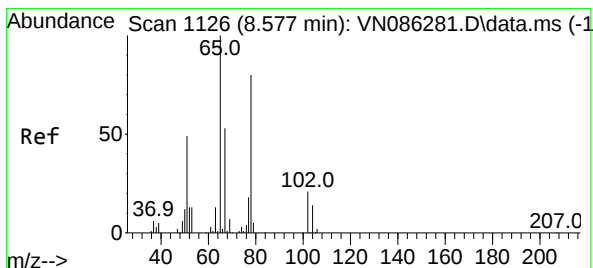
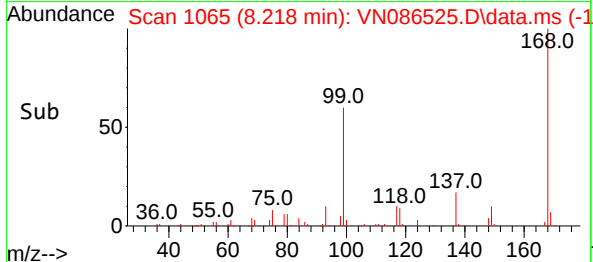
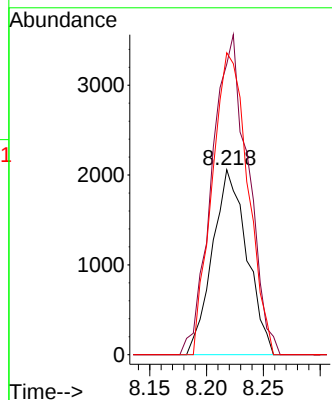
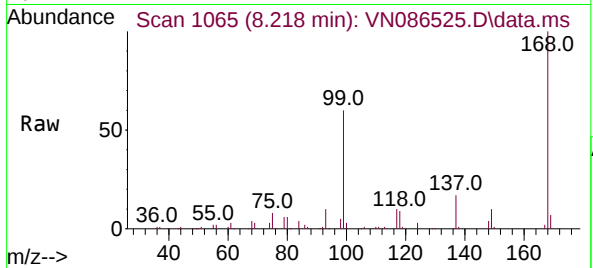




#31
Cyclohexane
Concen: 0.822 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

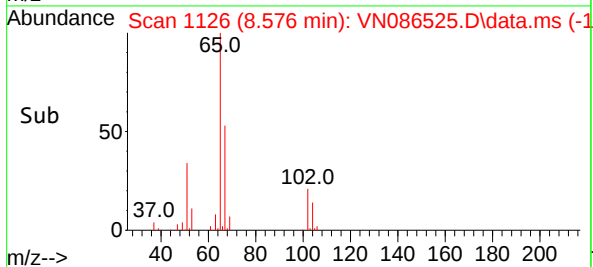
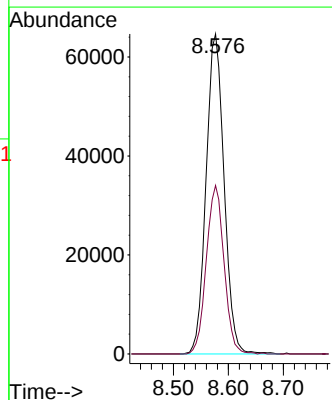
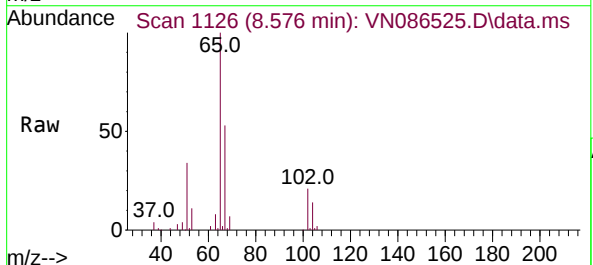
Instrument :
MSVOA_N
ClientSampleId :
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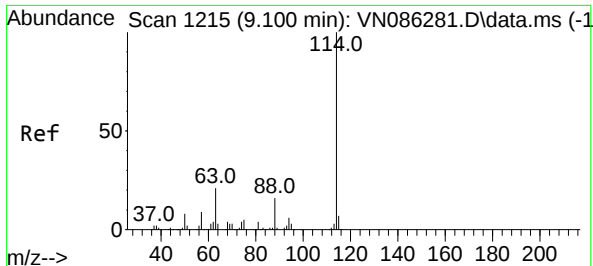
Tgt Ion: 56 Resp: 4352
Ion Ratio Lower Upper
56 100
69 157.0 24.2 36.2#
84 163.2 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 44.992 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion: 65 Resp: 146919
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

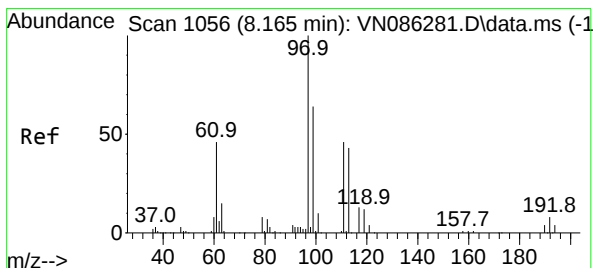
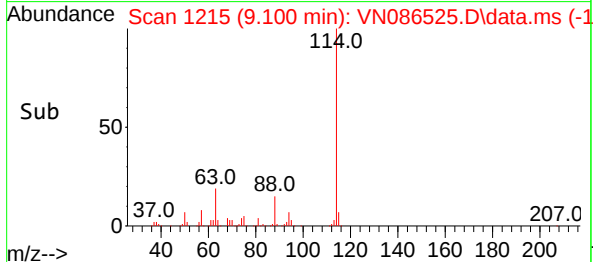
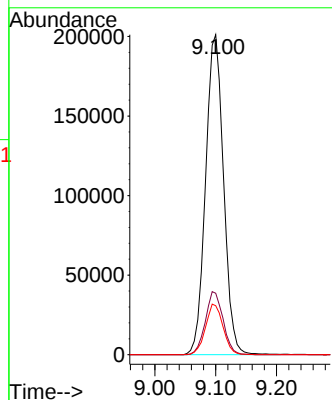
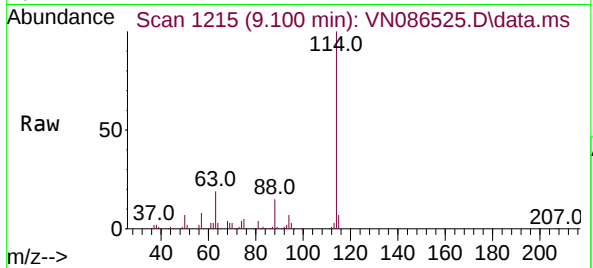




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

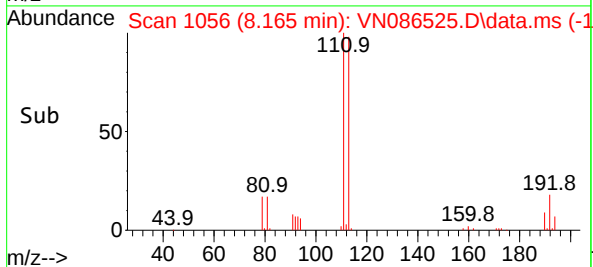
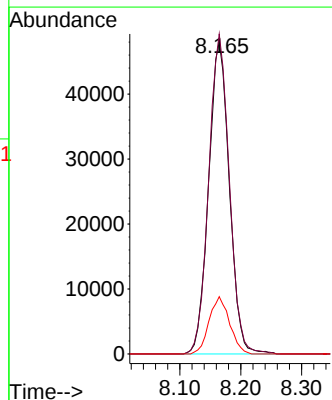
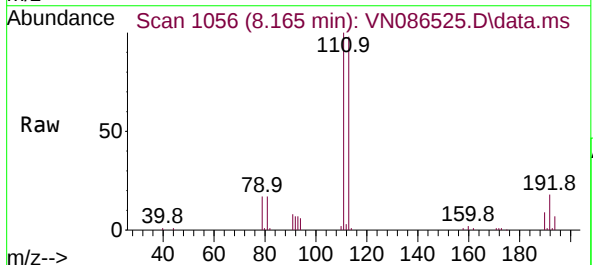
Instrument :
MSVOA_N
ClientSampleId :
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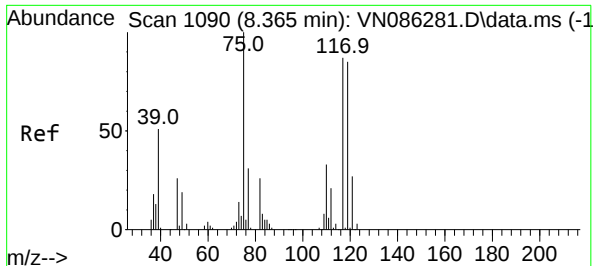
Tgt Ion:114 Resp: 412407
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.418 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion:113 Resp: 113728
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.0
192 18.1 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.422 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086525.D

Acq: 06 May 2025 19:24

Instrument :

MSVOA_N

ClientSampleId :

IBLK

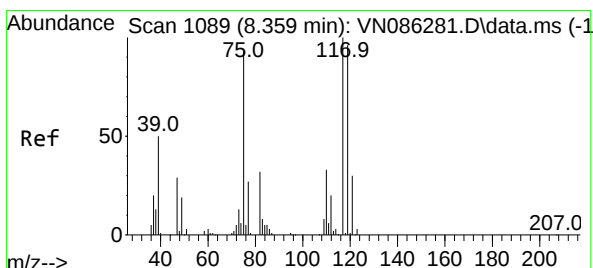
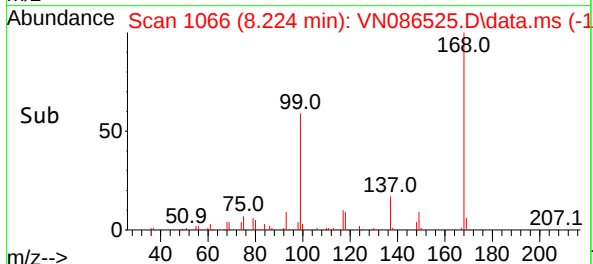
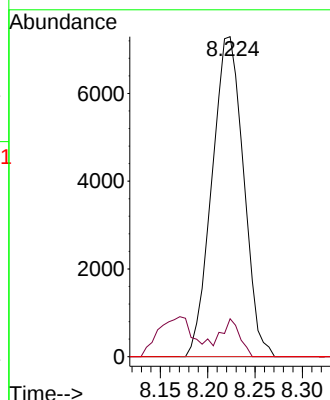
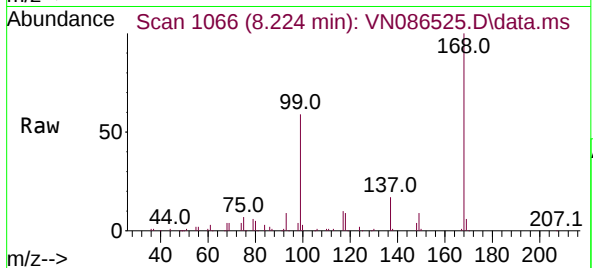
Tgt Ion: 75 Resp: 16907

Ion Ratio Lower Upper

75 100

110 6.8 16.8 50.4#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.002 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086525.D

Acq: 06 May 2025 19:24

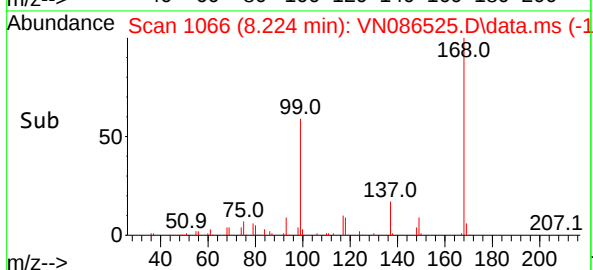
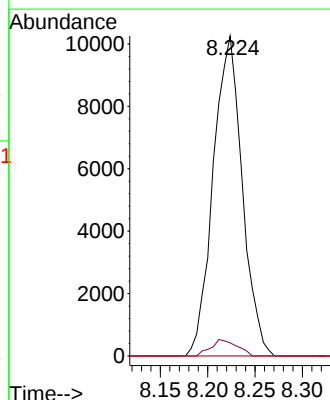
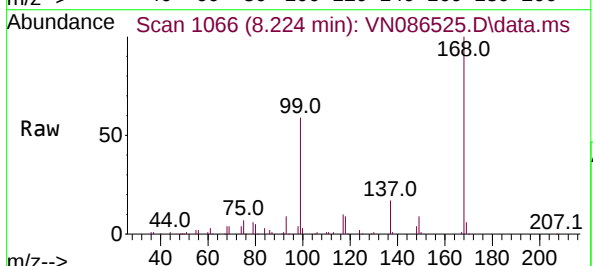
Tgt Ion: 117 Resp: 21851

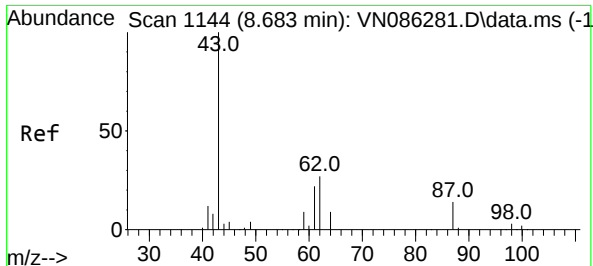
Ion Ratio Lower Upper

117 100

119 4.1 76.8 115.2#

121 0.0 23.8 35.8#

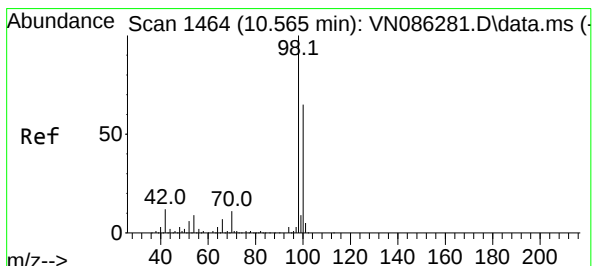
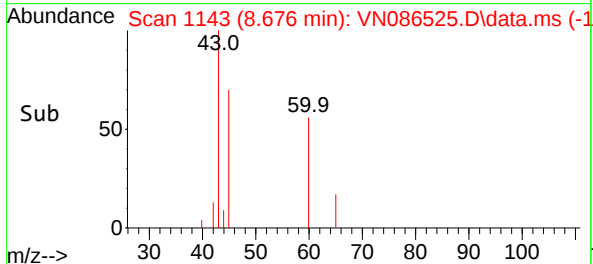
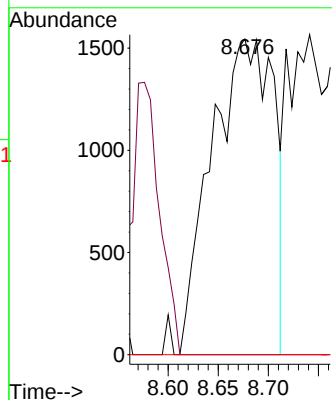
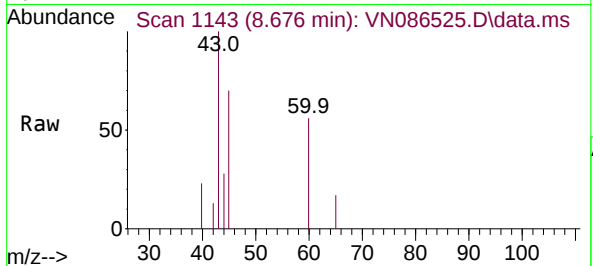




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.676 min Scan# 1143
Delta R.T. -0.007 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

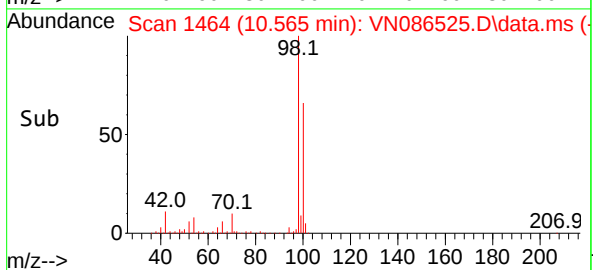
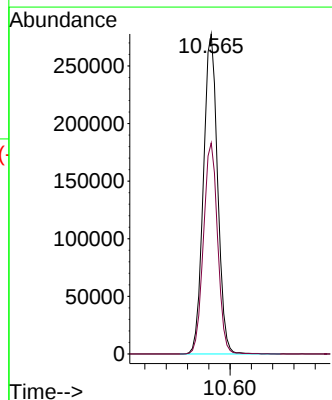
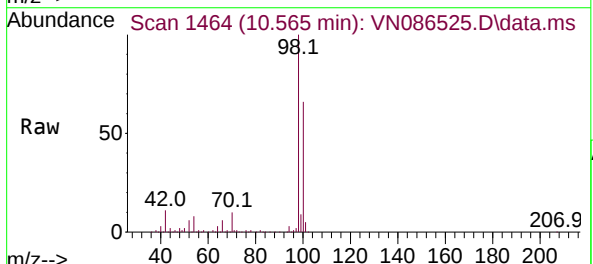
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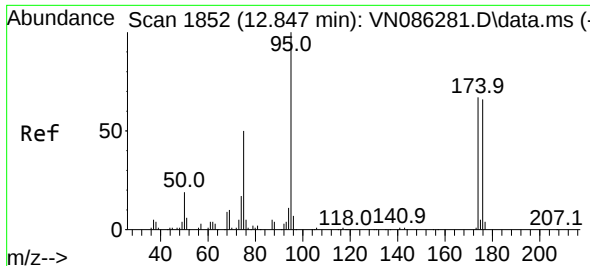
Tgt Ion: 43 Resp: 6696
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#50
Toluene-d8
Concen: 50.057 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion: 98 Resp: 512055
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

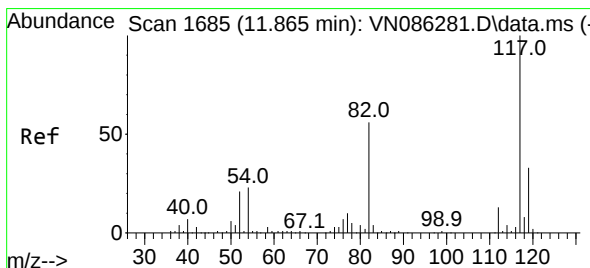
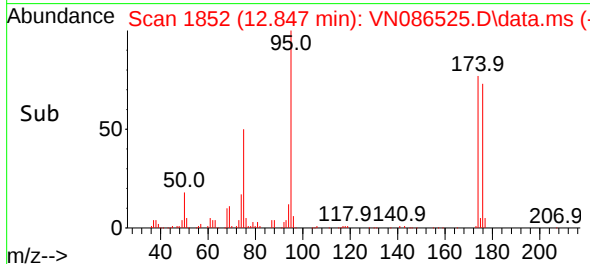
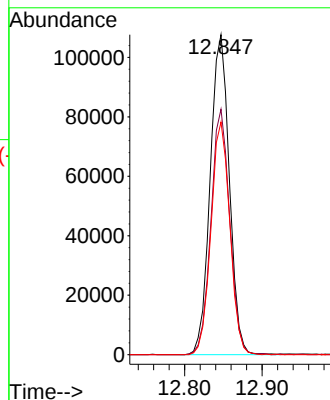
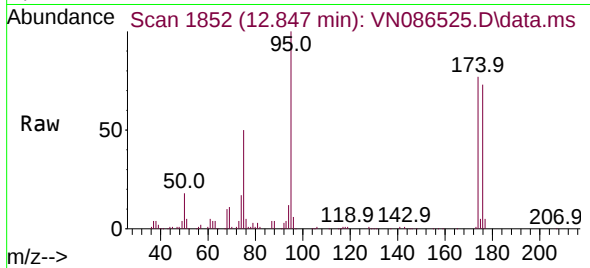




#62
4-Bromofluorobenzene
Concen: 49.597 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

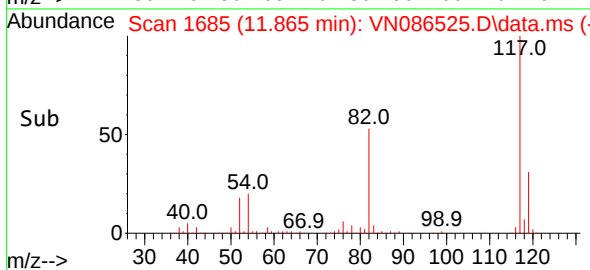
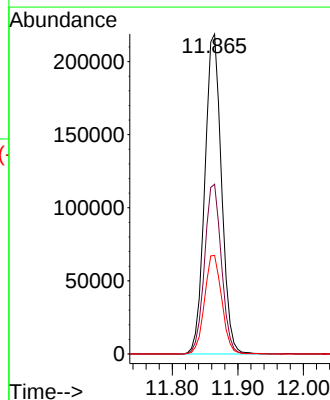
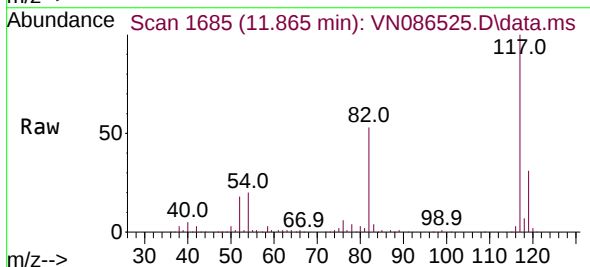
Instrument :
MSVOA_N
ClientSampleId :
IBLK

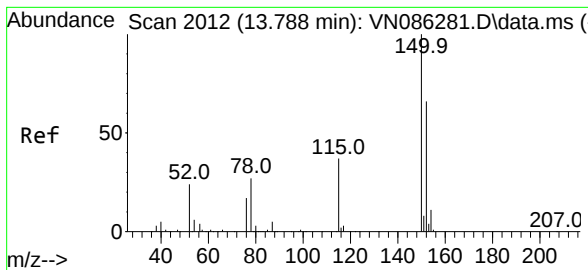
Tgt Ion: 95 Resp: 185052
Ion Ratio Lower Upper
95 100
174 75.7 0.0 133.4
176 71.5 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion: 117 Resp: 388235
Ion Ratio Lower Upper
117 100
82 53.1 44.7 67.1
119 30.8 26.4 39.6

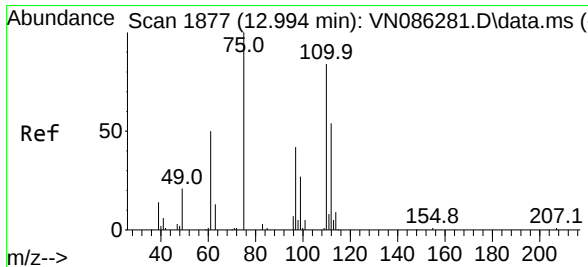
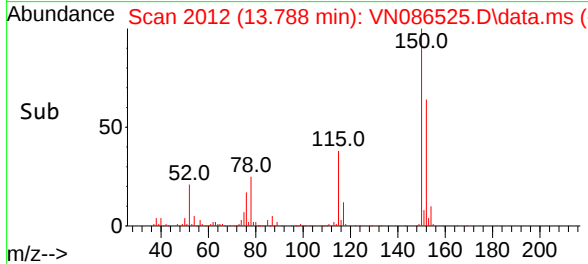
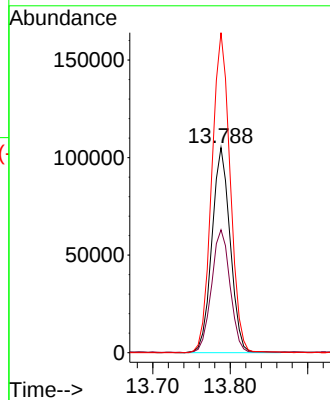
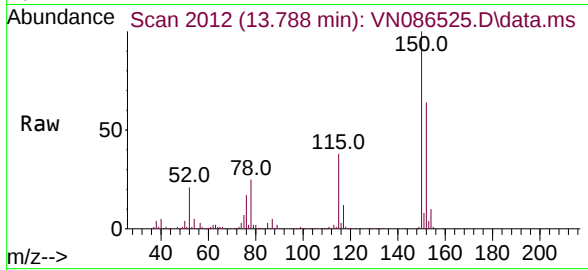




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086525.D
 Acq: 06 May 2025 19:24

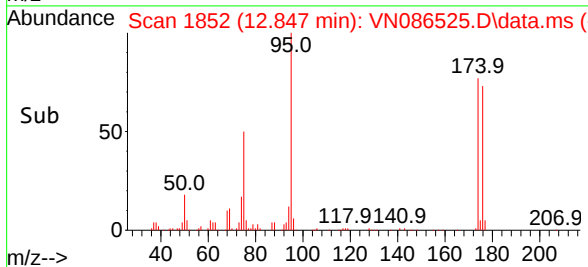
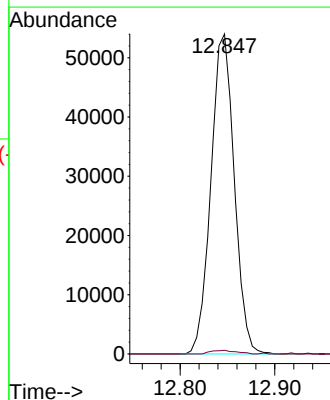
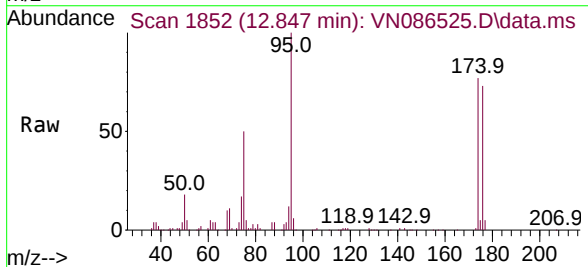
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

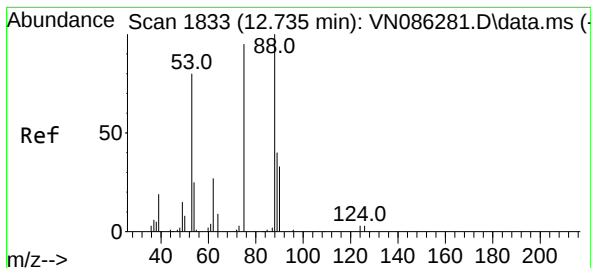
Tgt Ion:152 Resp: 171708
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.9 95.9
 150 157.4 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 22.808 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086525.D
 Acq: 06 May 2025 19:24

Tgt Ion: 75 Resp: 92421
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.8 296.4#

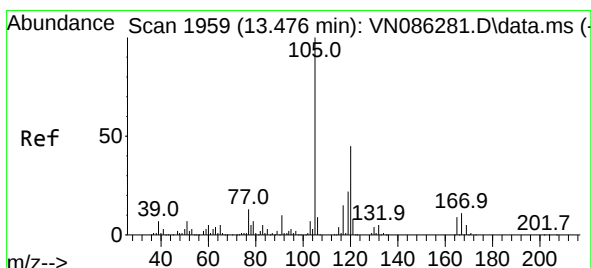
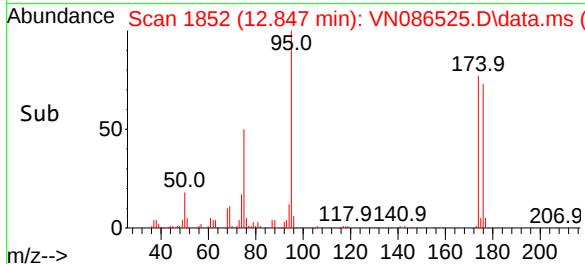
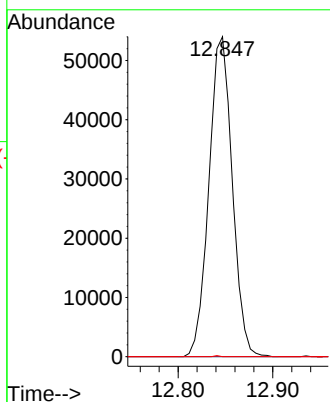
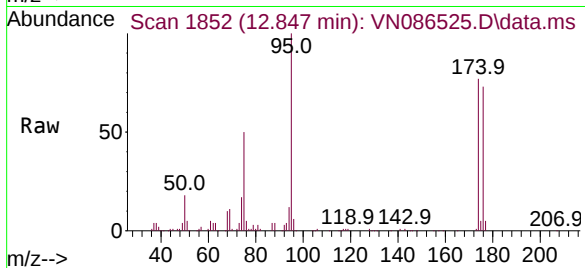




#81
trans-1,4-Dichloro-2-butene
Concen: 54.777 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

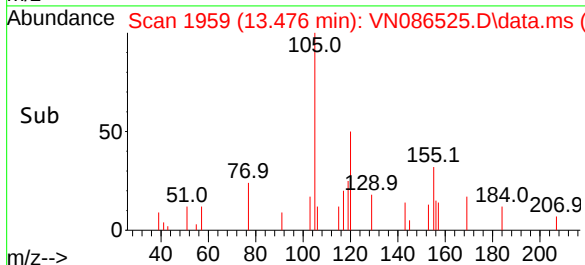
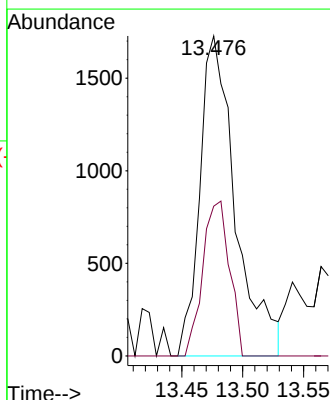
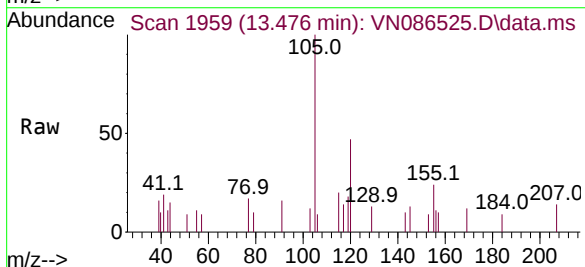
Instrument :
MSVOA_N
ClientSampleId :
IBLK

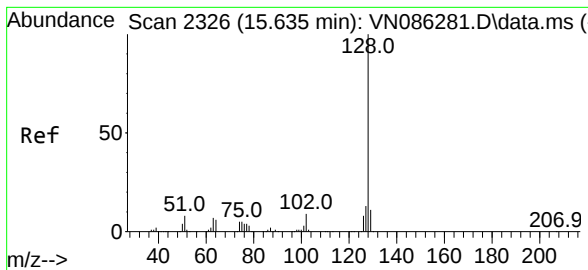
Tgt Ion: 75 Resp: 92421
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.1 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.301 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

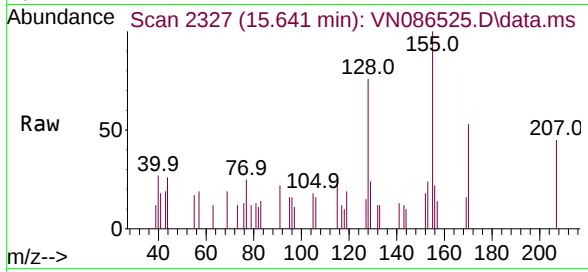
Tgt Ion: 105 Resp: 3518
Ion Ratio Lower Upper
105 100
120 36.2 22.4 67.3





#95
 Naphthalene
 Concen: 0.338 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086525.D
 Acq: 06 May 2025 19:24

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	128	Resp:	3259
Ion Ratio	100	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	15.1	8.6	13.0#

