

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086524.D
 Acq On : 06 May 2025 19:00
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 07 02:58:08 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)

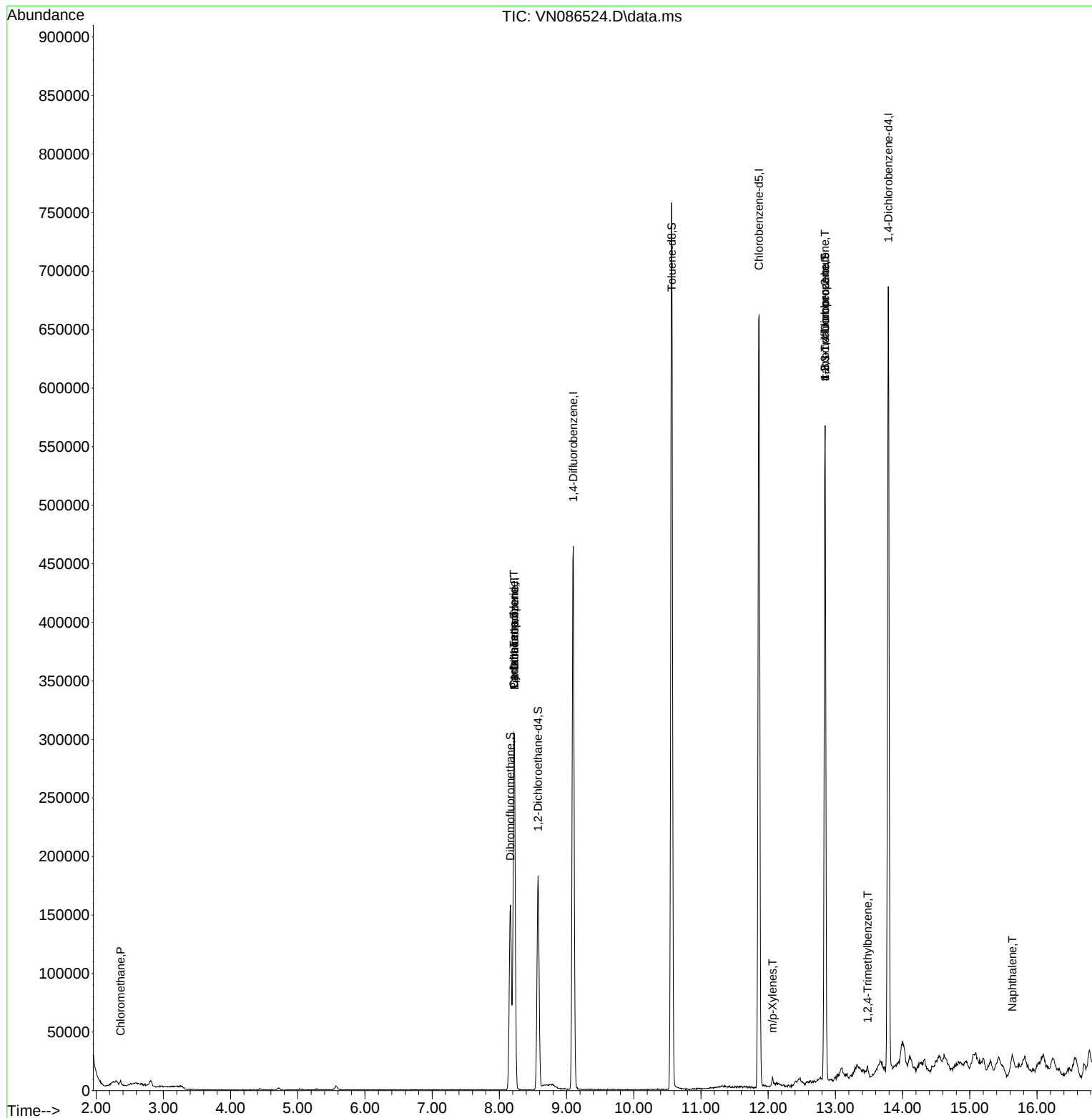
Internal Standards						
1) Pentafluorobenzene	8.224	168	233960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	428069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	413426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152858	45.056	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.120%
35) Dibromofluoromethane	8.165	113	118410	59.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	119.200%
50) Toluene-d8	10.565	98	541992	51.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.080%
62) 4-Bromofluorobenzene	12.847	95	205419	53.041	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.080%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2684	0.666	ug/l	94
16) Acetone	4.447	43	2347	Below Cal	#	43
31) Cyclohexane	8.218	56	4780	0.869	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	18200	4.587	ug/l #	48
38) Carbon Tetrachloride	8.218	117	23165	6.130	ug/l #	15
43) Isopropyl Acetate	8.647	43	2408	Below Cal	#	55
68) m/p-Xylenes	12.065	106	1528	0.245	ug/l #	50
76) 1,2,3-Trichloropropane	12.847	75	101820	22.710	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	101820	54.541	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.482	105	4565	0.353	ug/l	86
95) Naphthalene	15.635	128	4354	0.409	ug/l #	76

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

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: May 07 02:58:08 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

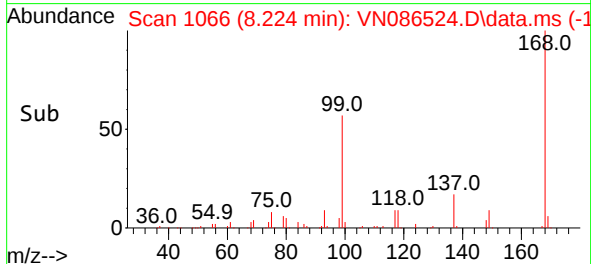
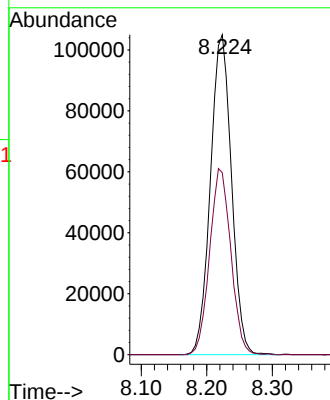
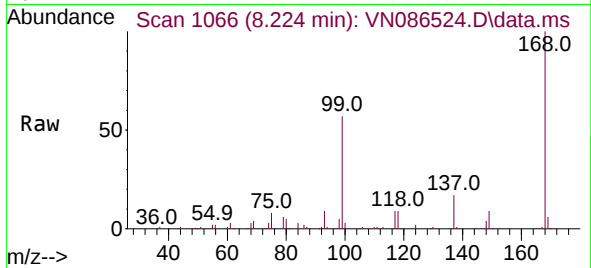




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

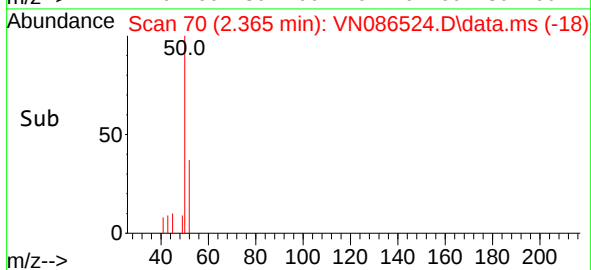
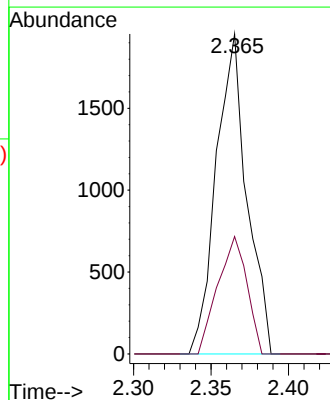
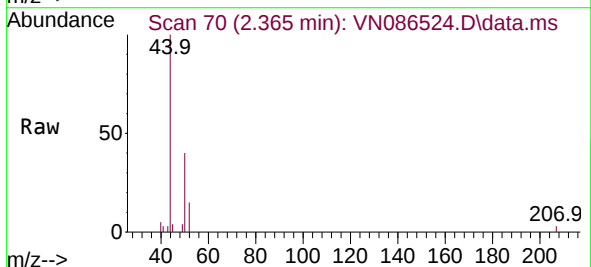
Instrument :
MSVOA_N
ClientSampleId :
IBLK

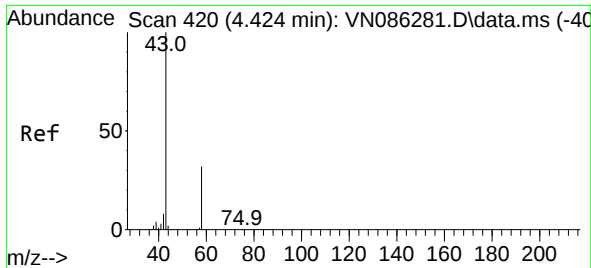
Tgt Ion:168 Resp: 233960
Ion Ratio Lower Upper
168 100
99 56.9 52.5 78.7



#3
Chloromethane
Concen: 0.666 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

Tgt Ion: 50 Resp: 2684
Ion Ratio Lower Upper
50 100
52 36.7 26.5 39.7

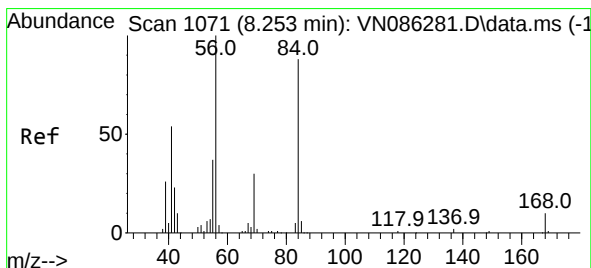
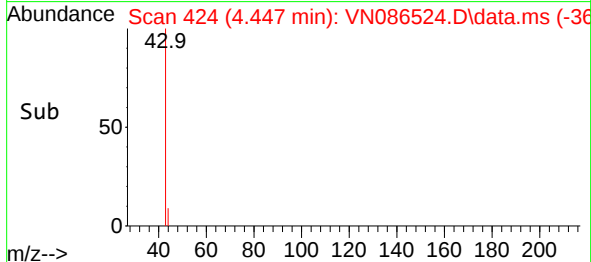
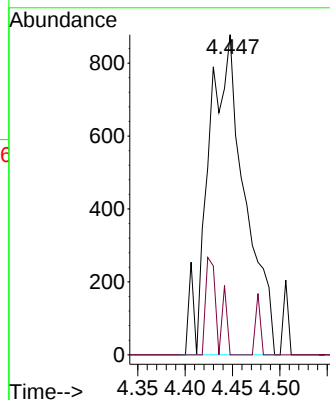
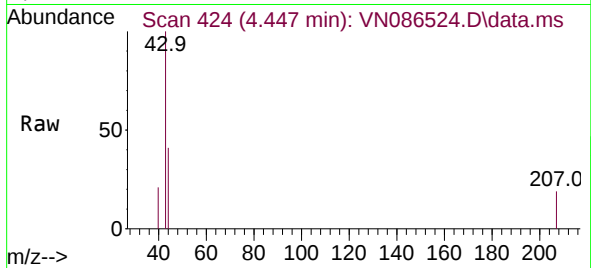




#16
Acetone
Concen: Below Cal
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

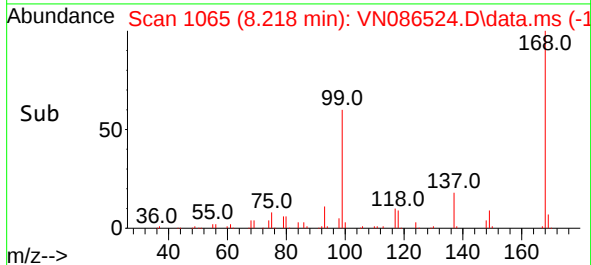
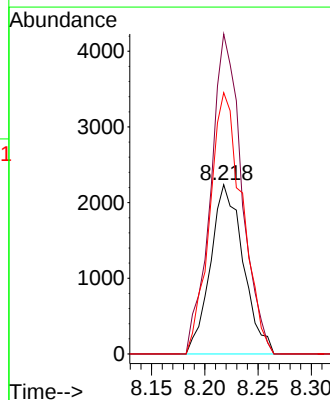
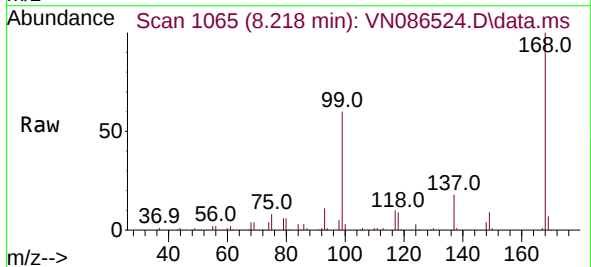
Instrument :
MSVOA_N
ClientSampleId :
IBLK

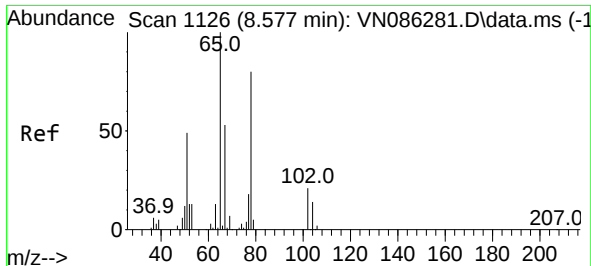
Tgt Ion: 43 Resp: 2347
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 0.869 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

Tgt Ion: 56 Resp: 4780
Ion Ratio Lower Upper
56 100
69 189.0 24.2 36.2#
84 154.2 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 45.056 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086524.D

Acq: 06 May 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

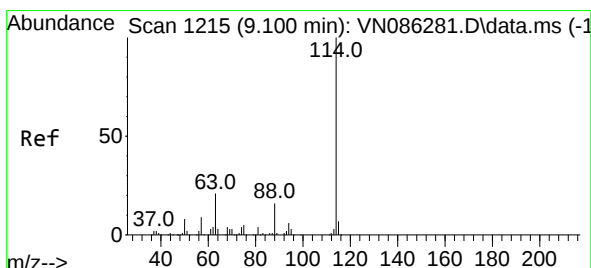
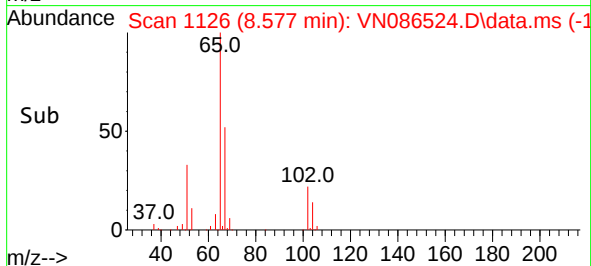
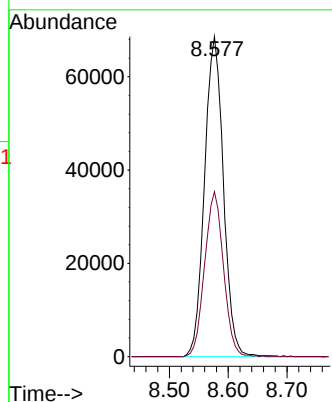
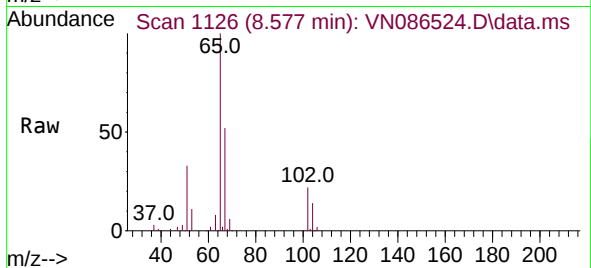
IBLK

Tgt Ion: 65 Resp: 152858

Ion Ratio Lower Upper

65 100

67 51.4 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: VN086524.D

Acq: 06 May 2025 19:00

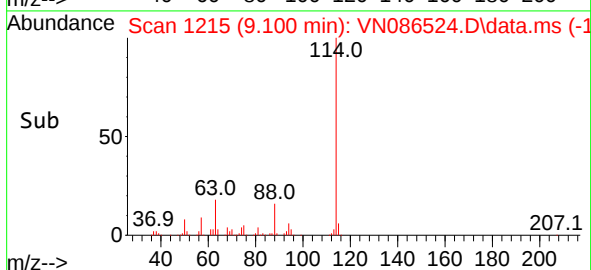
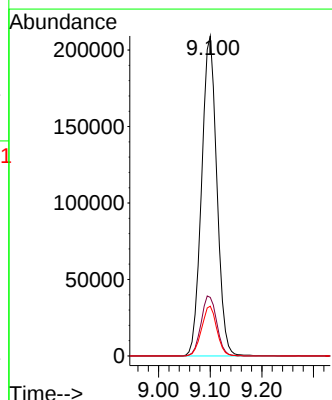
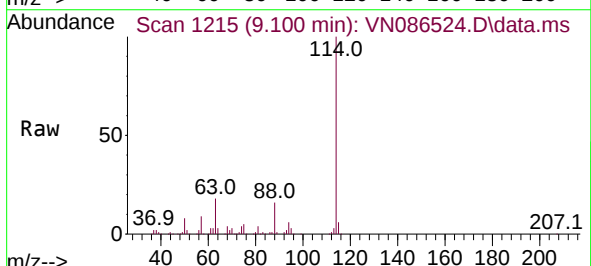
Tgt Ion: 114 Resp: 428069

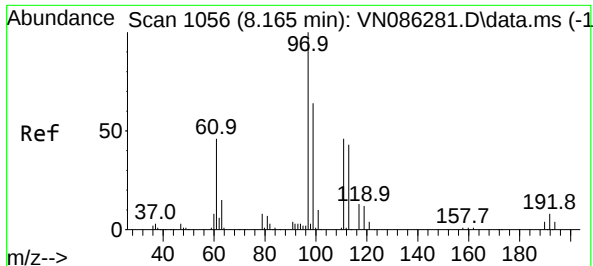
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.6

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 59.601 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086524.D

Acq: 06 May 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

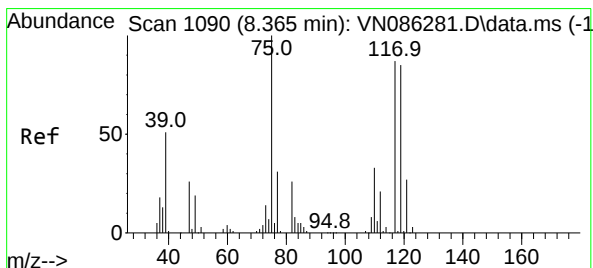
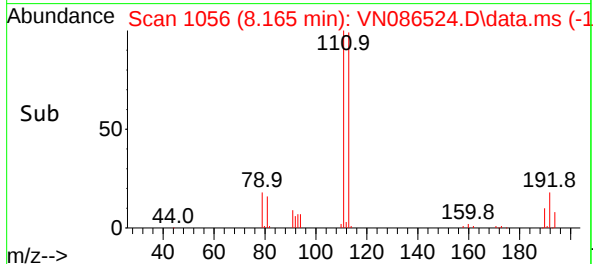
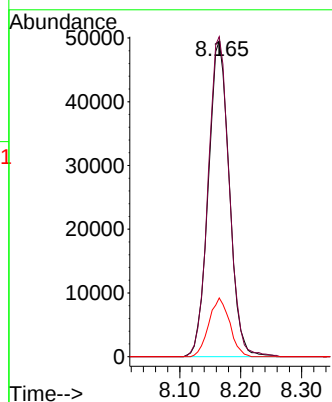
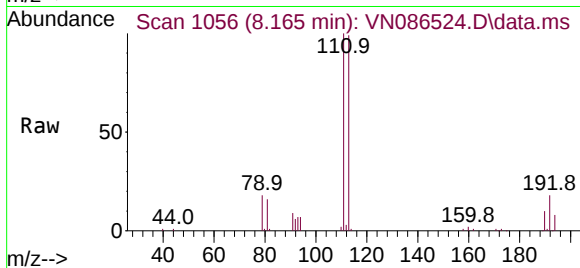
Tgt Ion:113 Resp: 118410

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.0

192 18.5 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.587 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086524.D

Acq: 06 May 2025 19:00

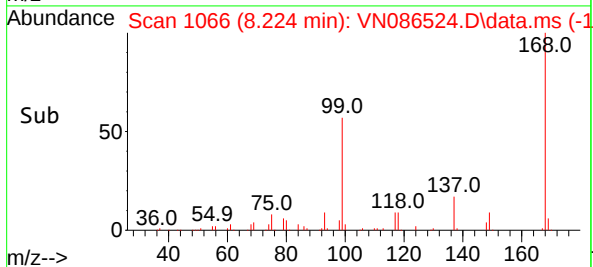
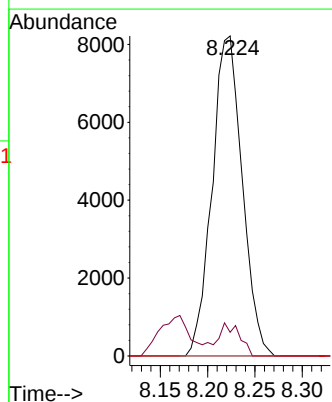
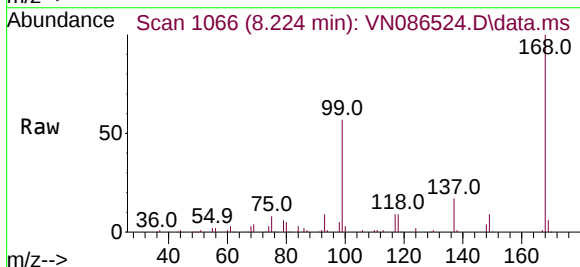
Tgt Ion: 75 Resp: 18200

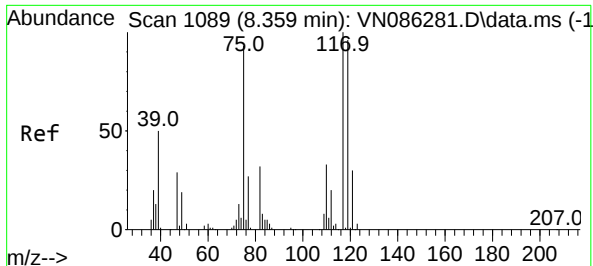
Ion Ratio Lower Upper

75 100

110 6.6 16.8 50.4#

77 0.0 24.9 37.3#

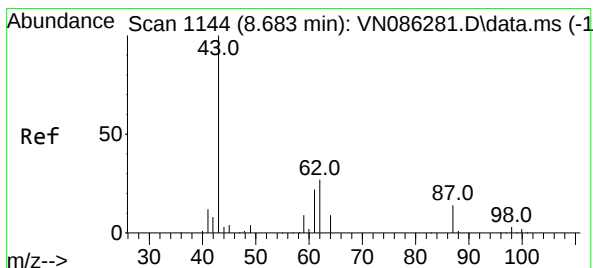
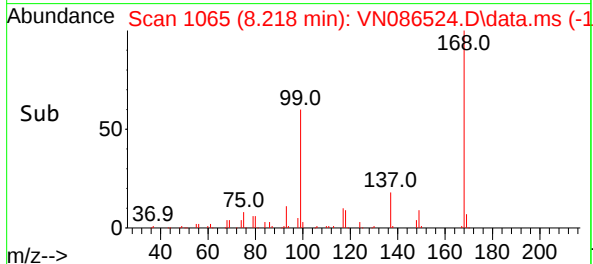
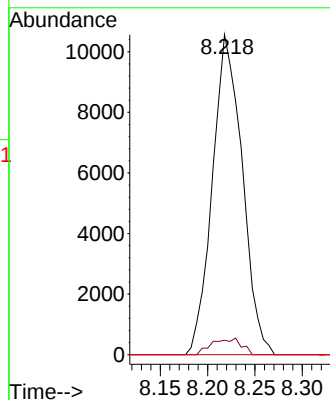
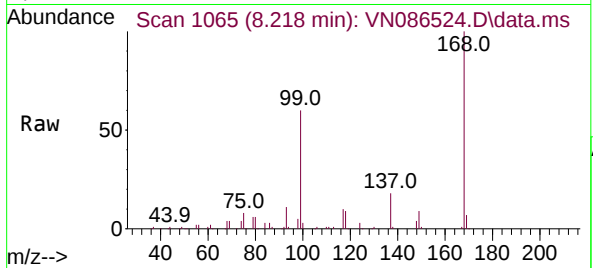




#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 8.218 min Scan# 1138
Delta R.T. -0.141 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

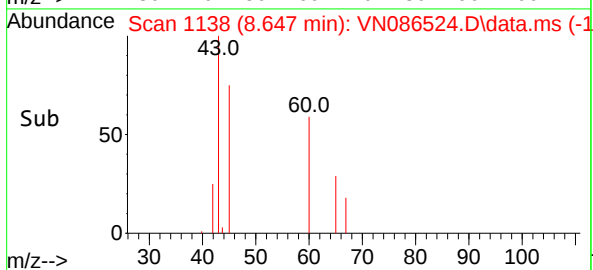
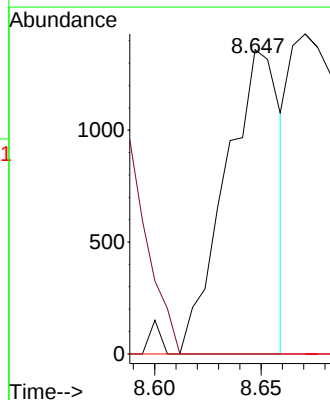
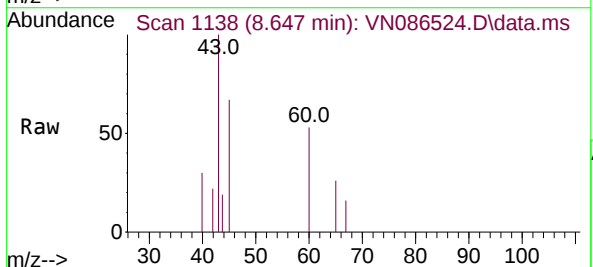
Instrument :
MSVOA_N
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IBLK

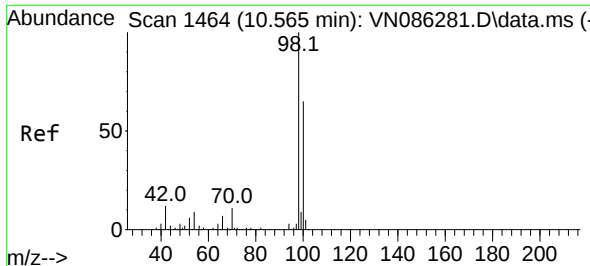
Tgt Ion:117 Resp: 23165
Ion Ratio Lower Upper
117 100
119 4.5 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.647 min Scan# 1138
Delta R.T. -0.036 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

Tgt Ion: 43 Resp: 2408
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

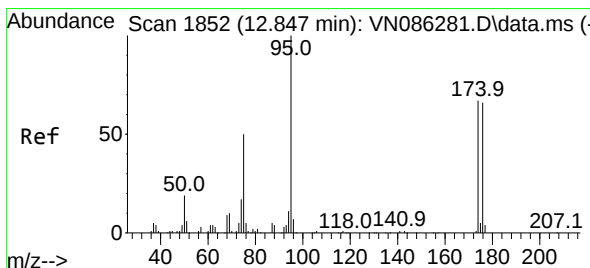
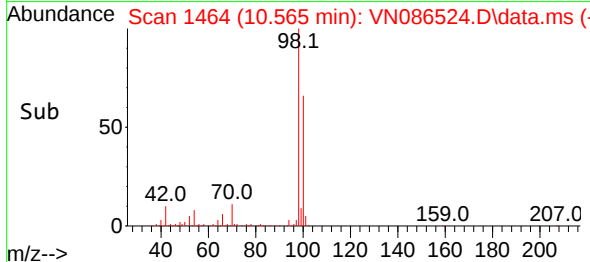
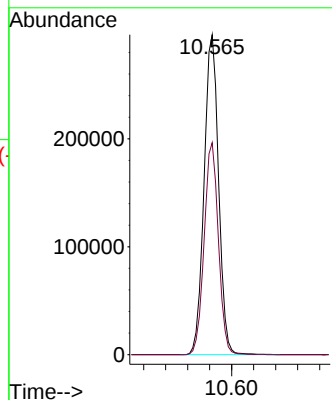
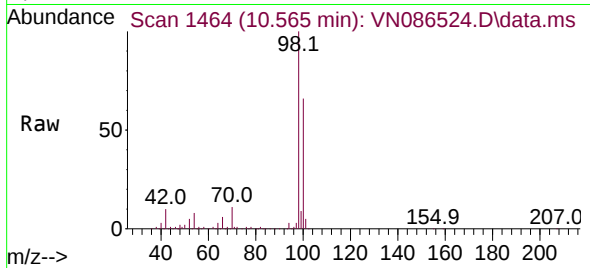




#50
Toluene-d8
Concen: 51.045 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

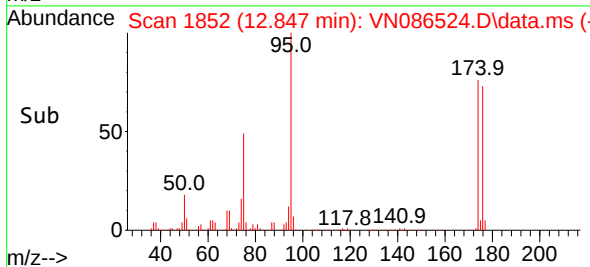
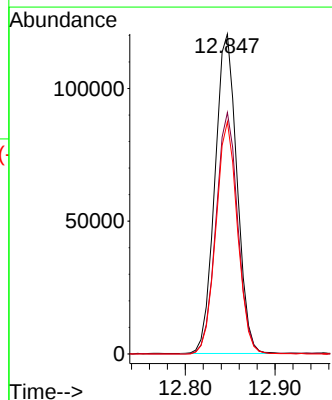
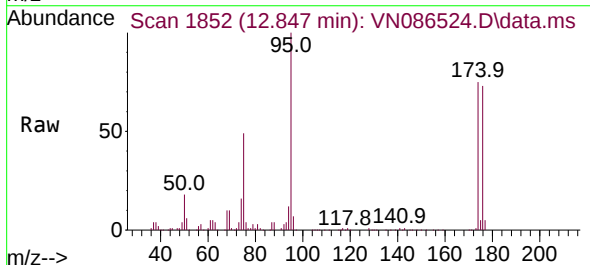
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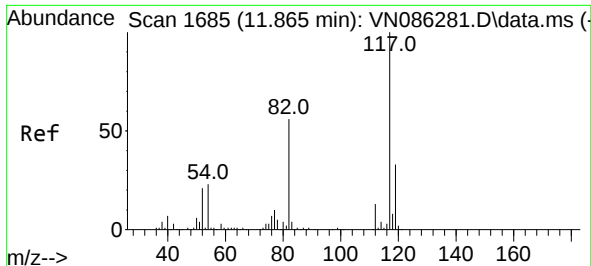
Tgt Ion: 98 Resp: 541992
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.041 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

Tgt Ion: 95 Resp: 205419
Ion Ratio Lower Upper
95 100
174 74.9 0.0 133.4
176 71.0 0.0 129.2

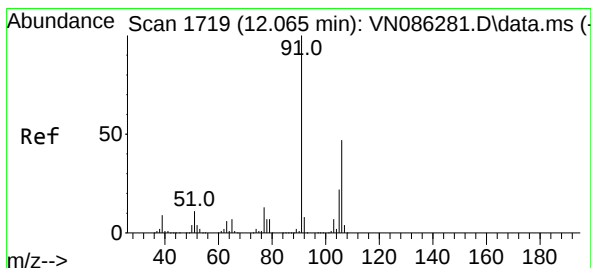
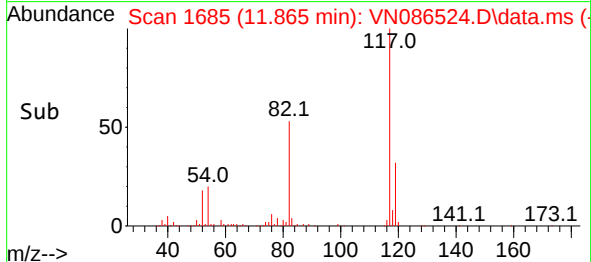
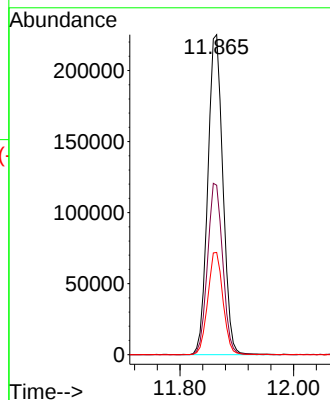
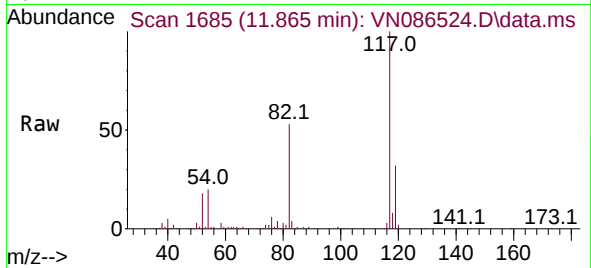




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

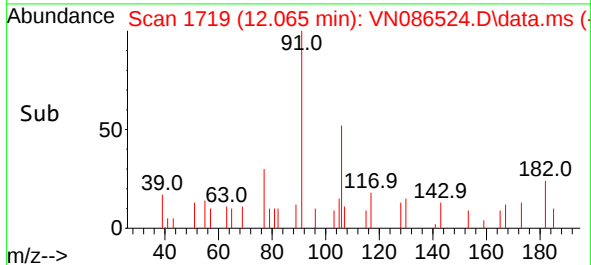
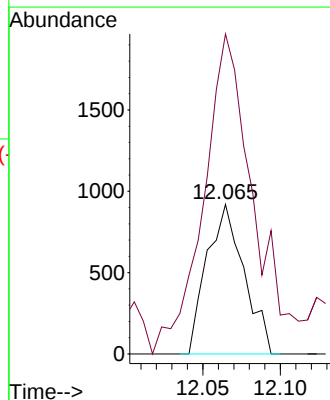
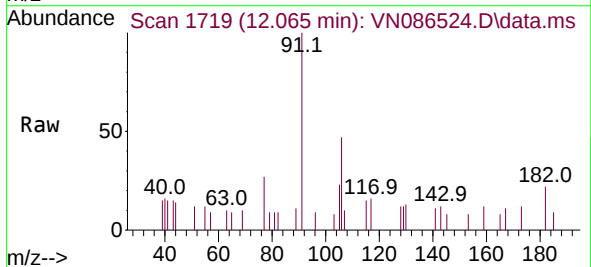
Instrument :
MSVOA_N
ClientSampleId :
IBLK

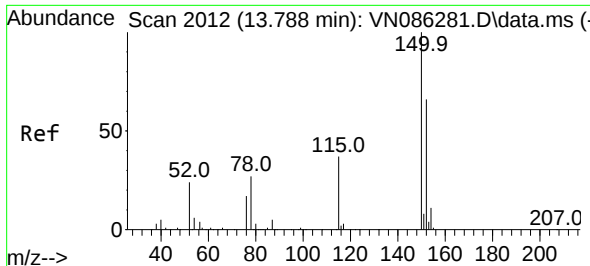
Tgt Ion:117 Resp: 413426
Ion Ratio Lower Upper
117 100
82 52.9 44.7 67.1
119 32.0 26.4 39.6



#68
m/p-Xylenes
Concen: 0.245 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

Tgt Ion:106 Resp: 1528
Ion Ratio Lower Upper
106 100
91 285.9 166.5 249.7#

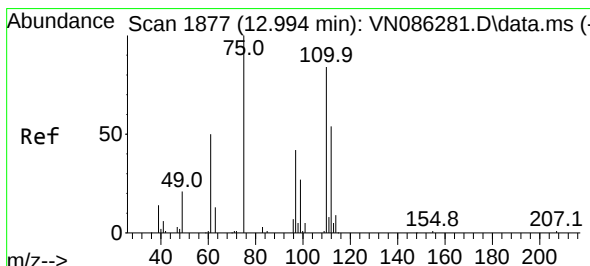
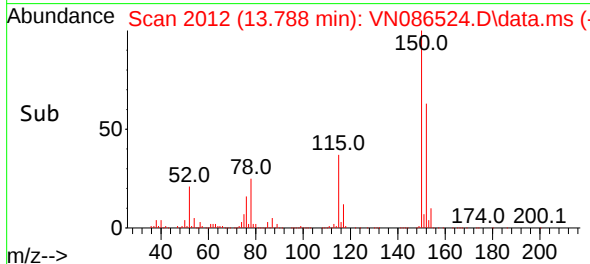
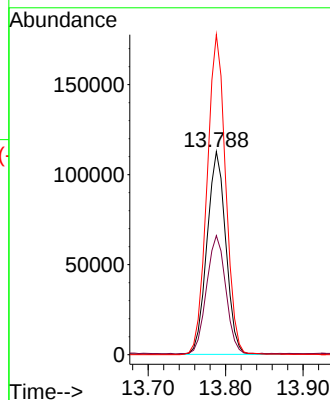
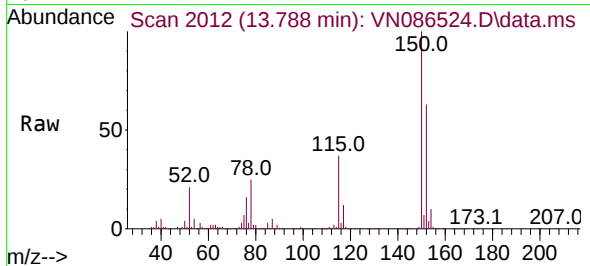




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

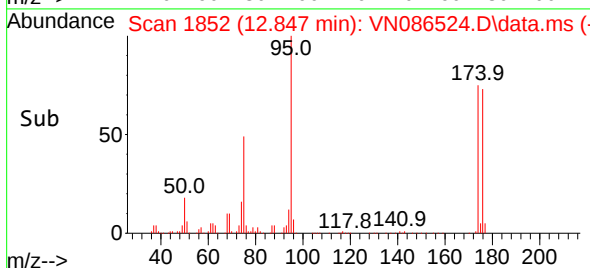
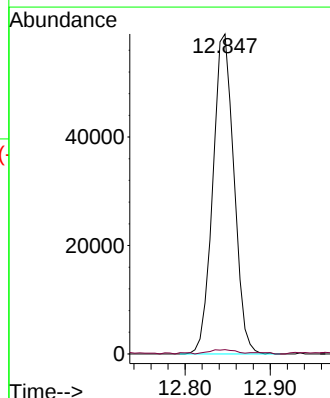
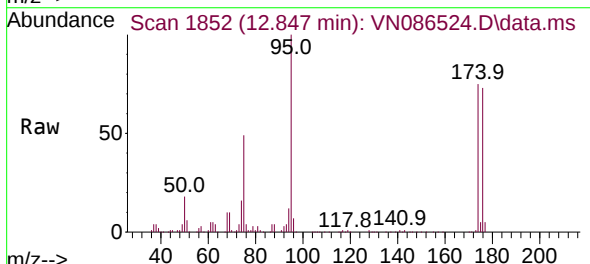
Instrument :
MSVOA_N
ClientSampleId :
IBLK

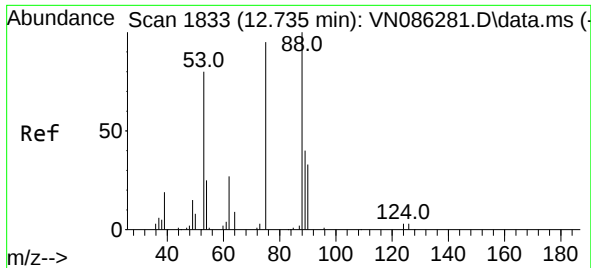
Tgt Ion:152 Resp: 189991
Ion Ratio Lower Upper
152 100
115 59.7 31.9 95.9
150 156.2 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 22.710 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

Tgt Ion: 75 Resp: 101820
Ion Ratio Lower Upper
75 100
77 1.7 98.8 296.4#

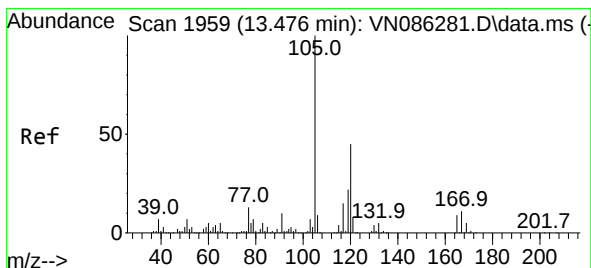
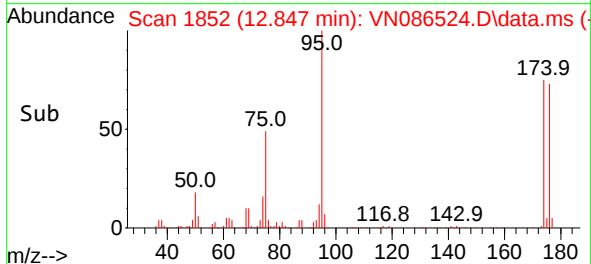
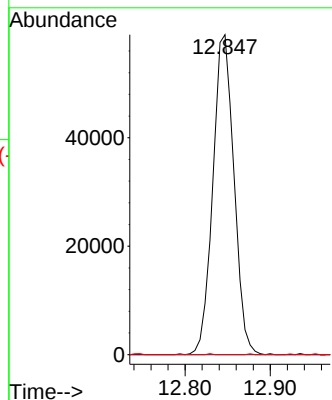
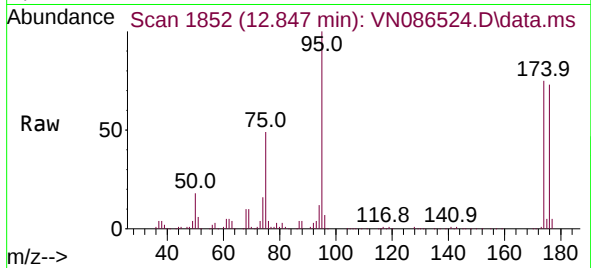




#81
trans-1,4-Dichloro-2-butene
Concen: 54.541 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

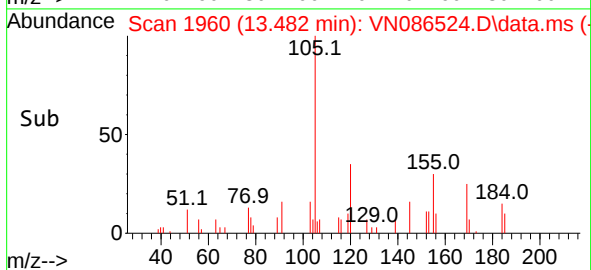
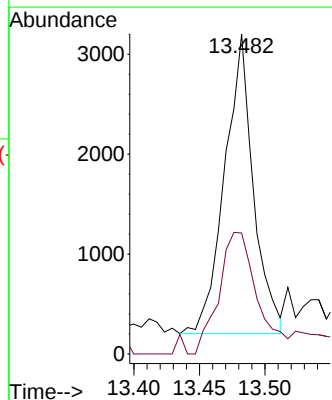
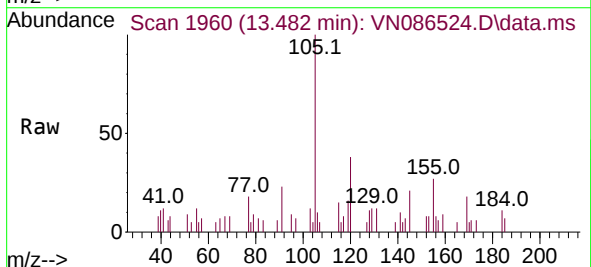
Instrument :
MSVOA_N
ClientSampleId :
IBLK

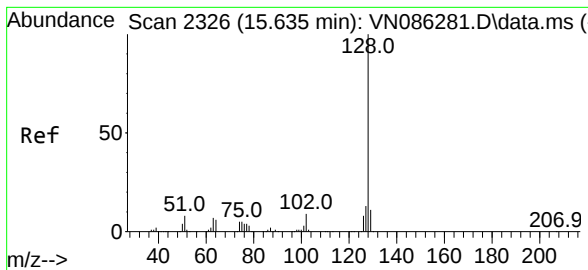
Tgt Ion: 75 Resp: 101820
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.1 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.353 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

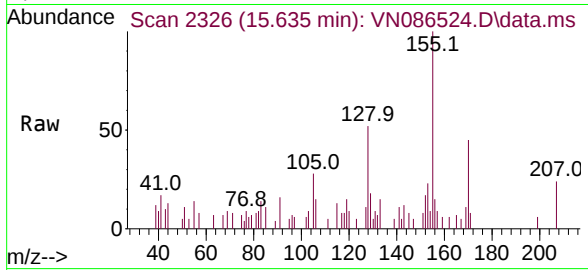
Tgt Ion:105 Resp: 4565
Ion Ratio Lower Upper
105 100
120 54.2 22.4 67.3





#95
Naphthalene
Concen: 0.409 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086524.D
Acq: 06 May 2025 19:00

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 4354
Ion Ratio Lower Upper
128 100
127 4.8 10.2 15.4#
129 0.0 8.6 13.0#

