

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088019.D
 Acq On : 03 Oct 2025 13:21
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 04 02:55:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

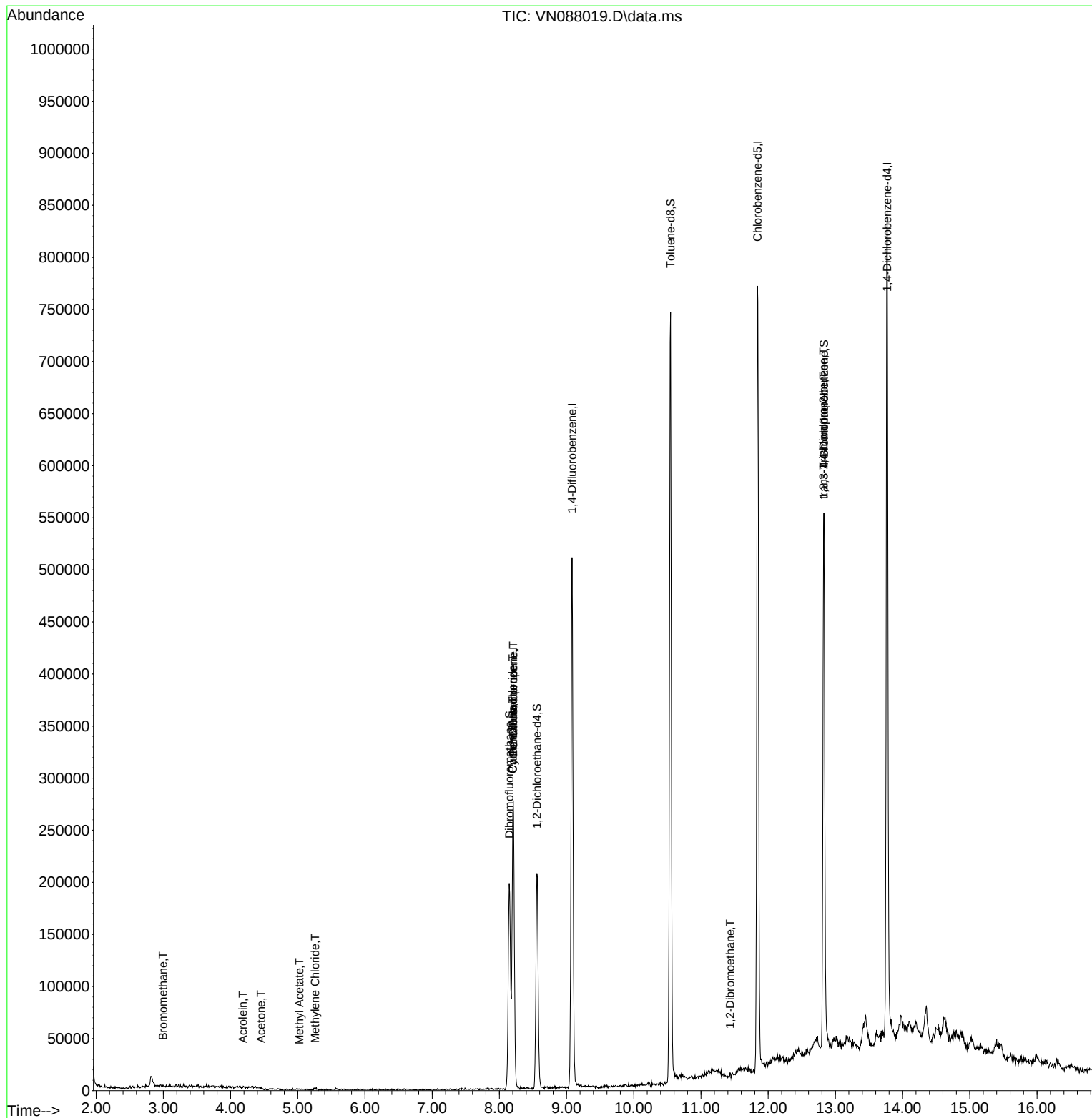
Internal Standards						
1) Pentafluorobenzene	8.206	168	193758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	428468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	445314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	224602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	166939	51.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	102.400%	
35) Dibromofluoromethane	8.147	113	144763	46.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	93.060%	
50) Toluene-d8	10.547	98	503670	46.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	92.080%	
62) 4-Bromofluorobenzene	12.829	95	195764	50.062	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	=	100.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.995	94	729	0.502	ug/l #	80
13) Acrolein	4.183	56	303	0.503	ug/l #	12
16) Acetone	4.453	43	766	0.571	ug/l #	45
18) Methyl Acetate	5.024	43	963	0.287	ug/l #	51
20) Methylene Chloride	5.259	84	1038	0.382	ug/l #	73
31) Cyclohexane	8.200	56	4896	1.339	ug/l #	1
36) 1,1-Dichloropropene	8.206	75	17692	4.730	ug/l #	49
38) Carbon Tetrachloride	8.200	117	23688	5.519	ug/l #	20
61) 1,2-Dibromoethane	11.435	107	695	0.208	ug/l	93
76) 1,2,3-Trichloropropane	12.823	75	103558	23.390	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.823	75	103558	64.951	ug/l #	9

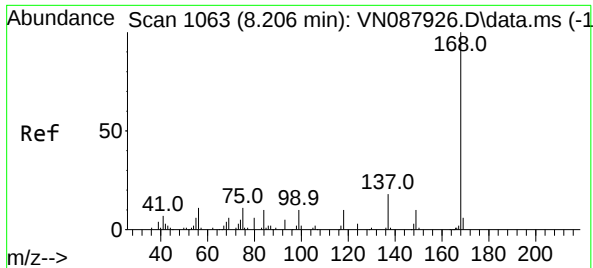
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
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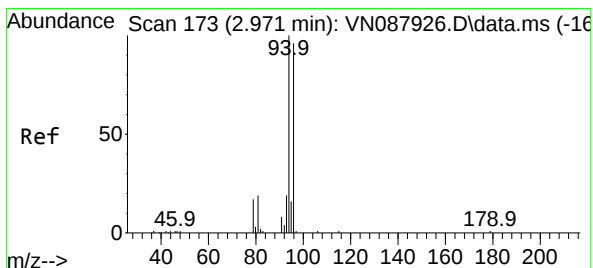
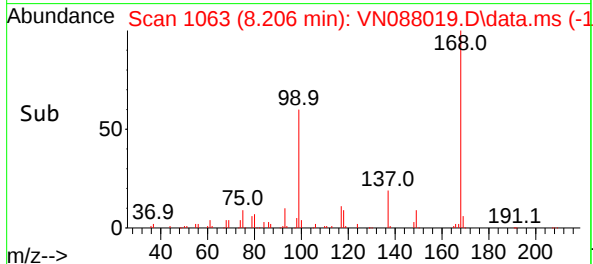
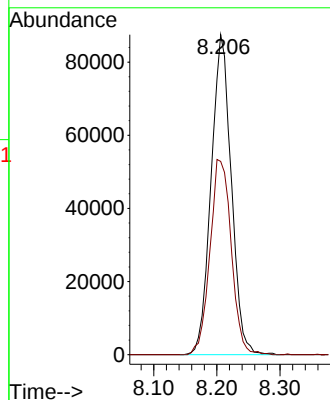
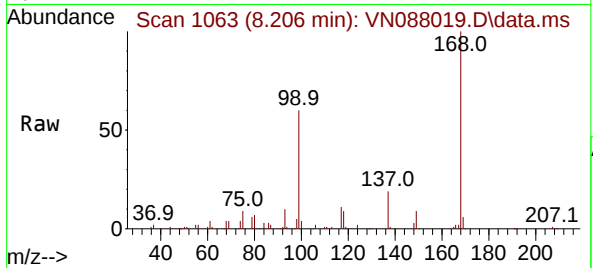




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

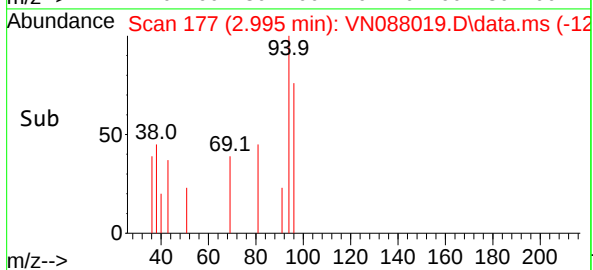
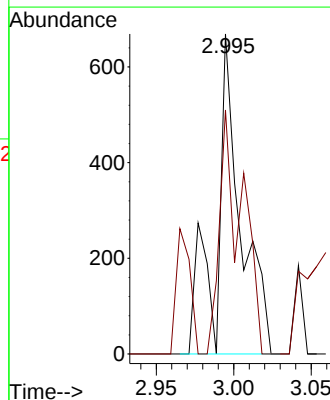
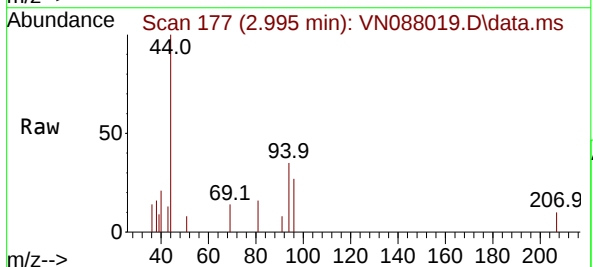
Instrument :
MSVOA_N
ClientSampleId :
IBLK

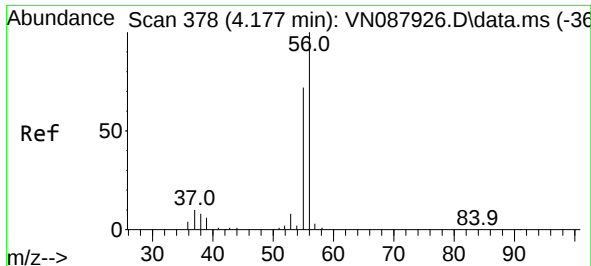
Tgt Ion:168 Resp: 193758
Ion Ratio Lower Upper
168 100
99 60.4 52.2 78.2



#5
Bromomethane
Concen: 0.502 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

Tgt Ion: 94 Resp: 729
Ion Ratio Lower Upper
94 100
96 76.2 76.8 115.2#





#13

Acrolein

Concen: 0.503 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN088019.D

Acq: 03 Oct 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

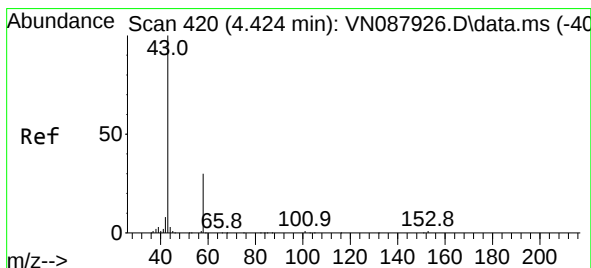
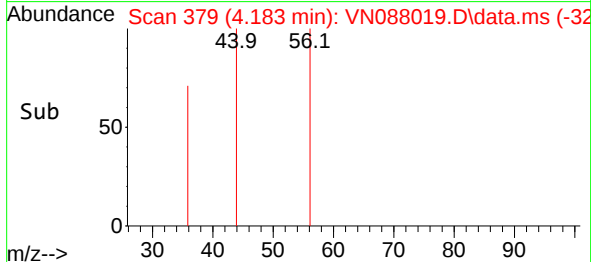
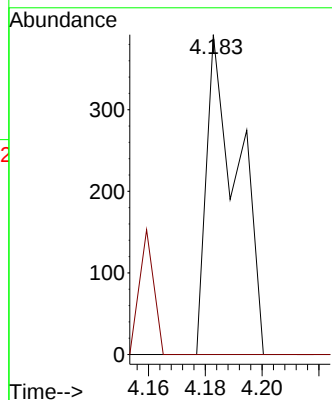
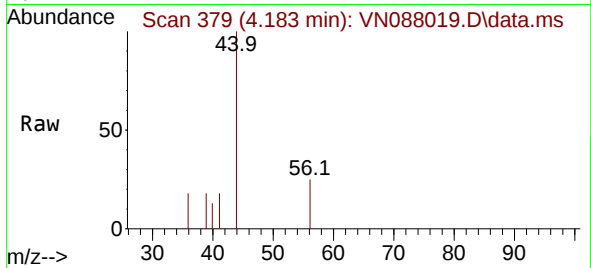
IBLK

Tgt Ion: 56 Resp: 303

Ion Ratio Lower Upper

56 100

55 0.0 59.3 88.9#



#16

Acetone

Concen: 0.571 ug/l

RT: 4.453 min Scan# 425

Delta R.T. 0.029 min

Lab File: VN088019.D

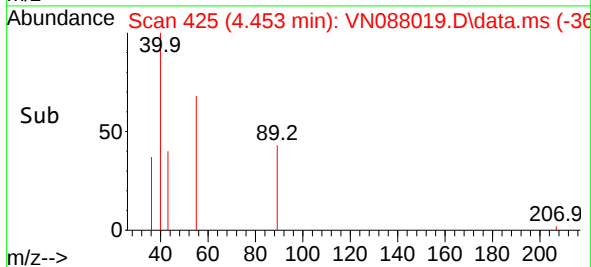
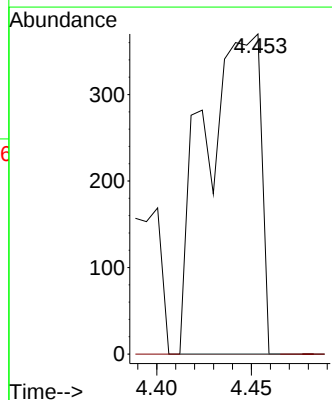
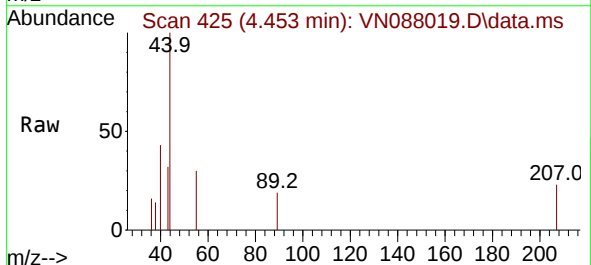
Acq: 03 Oct 2025 13:21

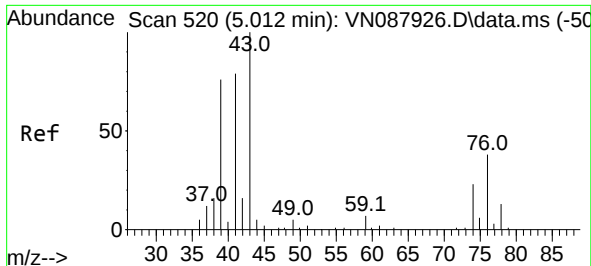
Tgt Ion: 43 Resp: 766

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#

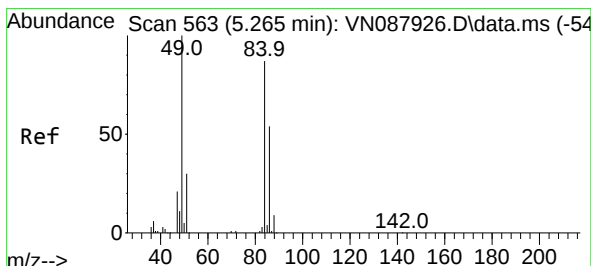
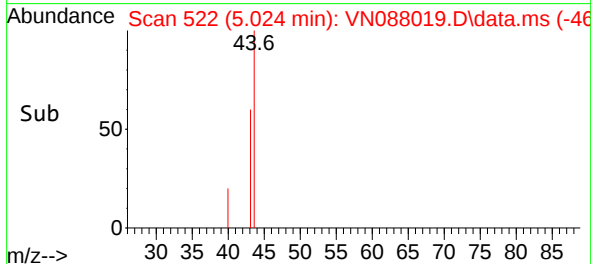
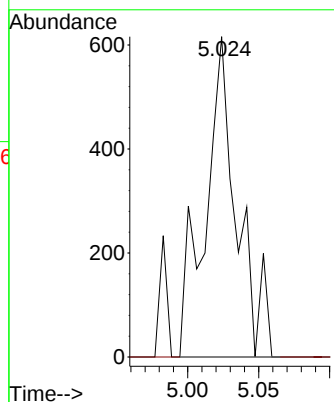
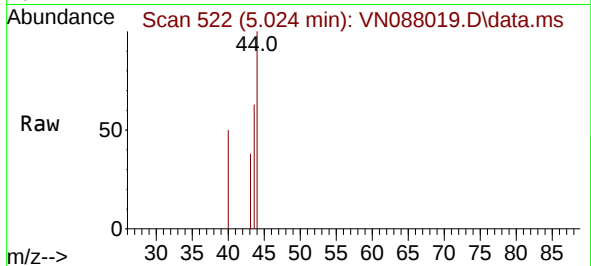




#18
Methyl Acetate
Concen: 0.287 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

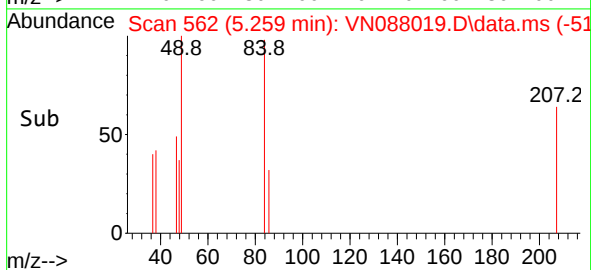
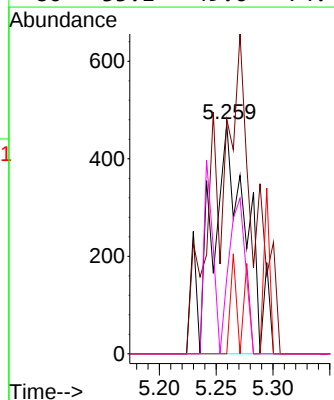
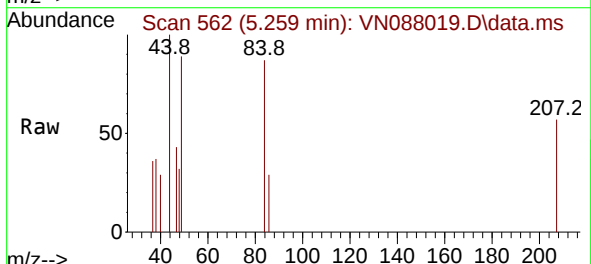
Instrument :
MSVOA_N
ClientSampleId :
IBLK

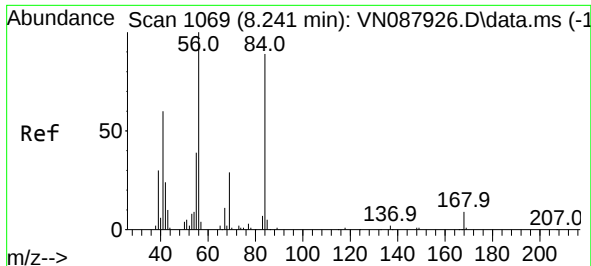
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

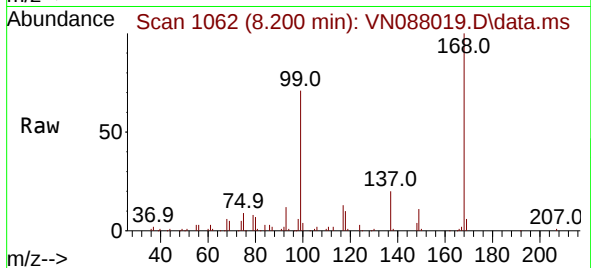
Tgt Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
49 101.9 92.1 138.1
51 0.0 27.7 41.5#
86 33.1 49.6 74.4#



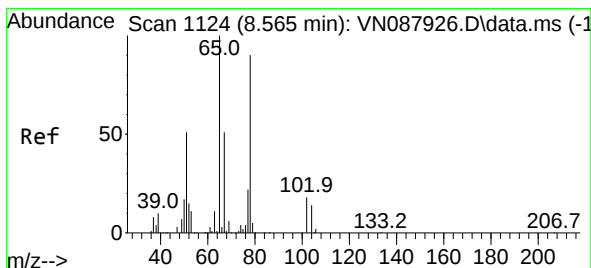
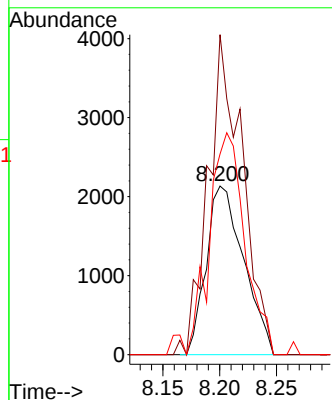
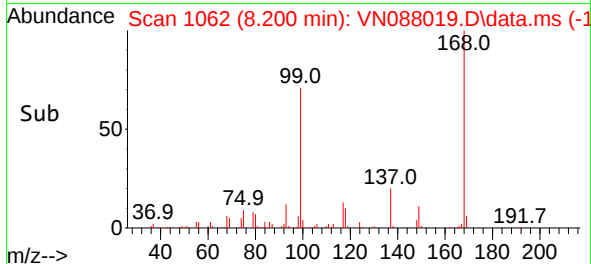


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.041 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

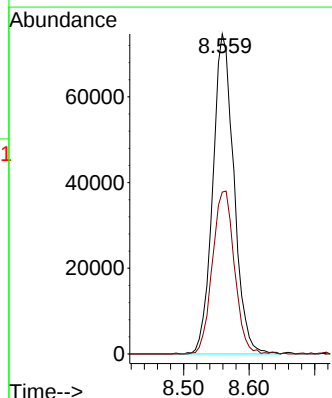
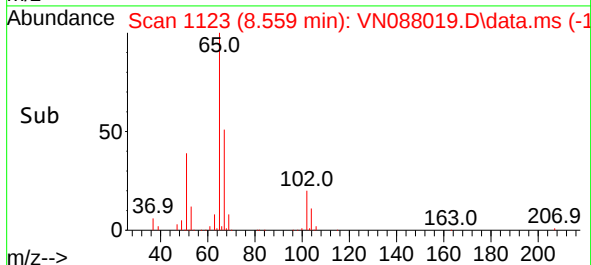
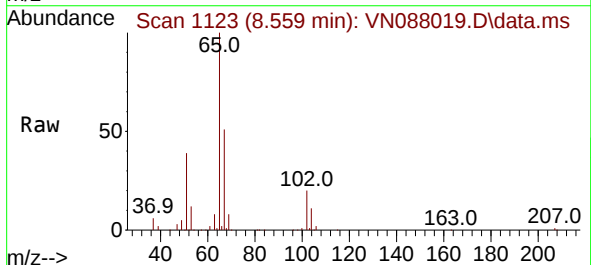


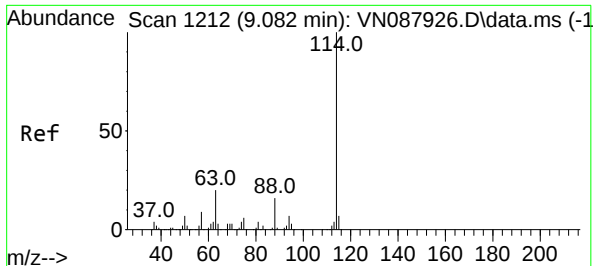
Tgt Ion: 56 Resp: 4896
Ion Ratio Lower Upper
56 100
69 189.8 23.4 35.0#
84 119.0 70.8 106.2#



#33
1,2-Dichloroethane-d4
Concen: 51.196 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

Tgt Ion: 65 Resp: 166939
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4

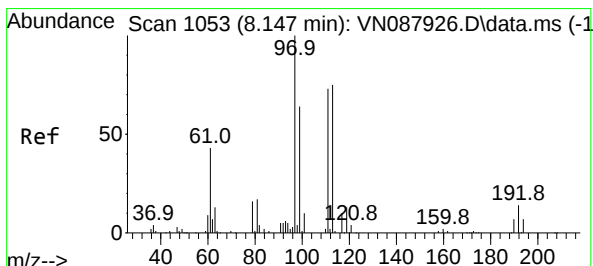
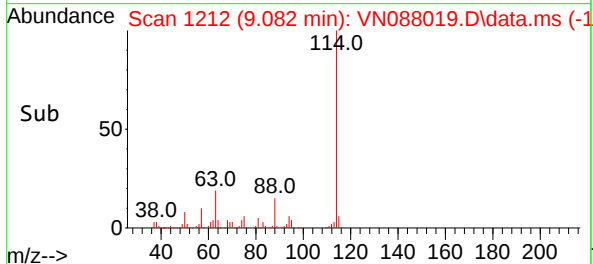
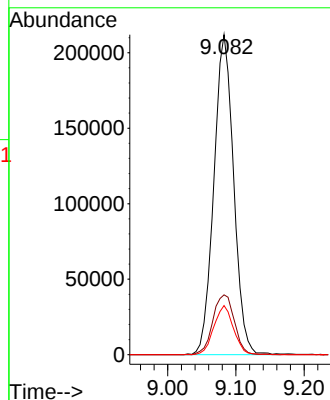
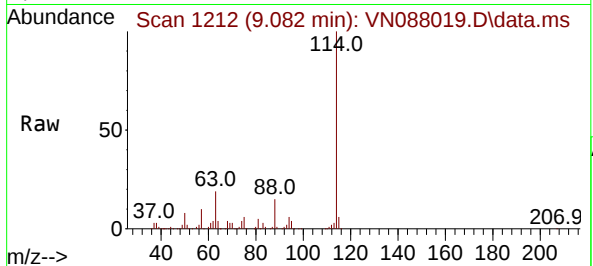




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

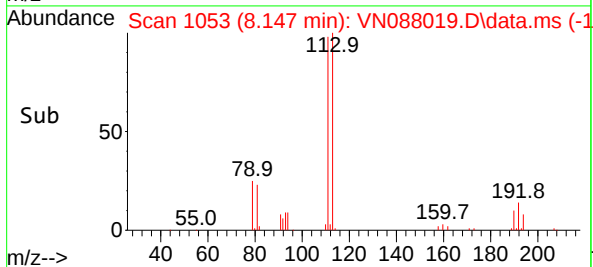
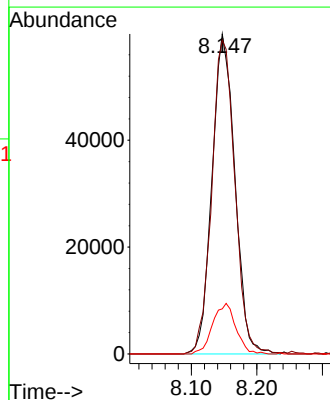
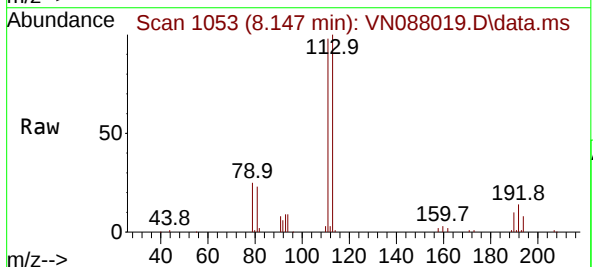
Instrument :
MSVOA_N
ClientSampleId :
IBLK

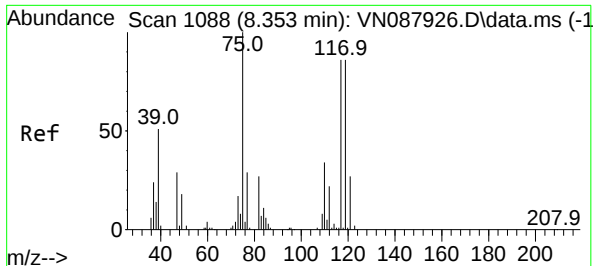
Tgt Ion:114 Resp: 428468
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.534 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

Tgt Ion:113 Resp: 144763
Ion Ratio Lower Upper
113 100
111 99.3 82.2 123.2
192 16.1 14.2 21.2





#36

1,1-Dichloropropene

Concen: 4.730 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN088019.D

Acq: 03 Oct 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

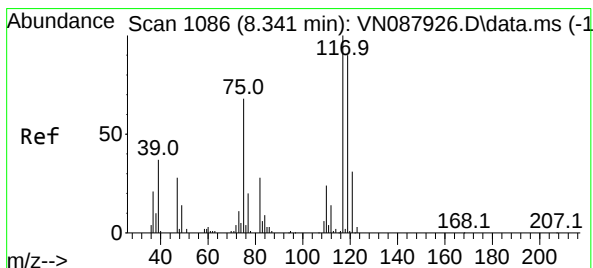
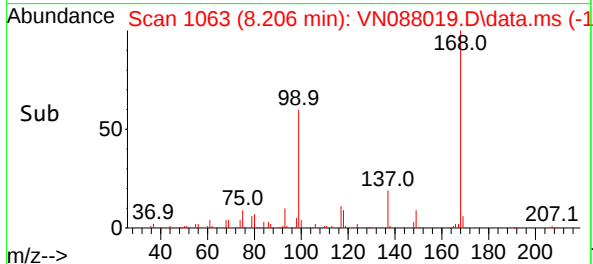
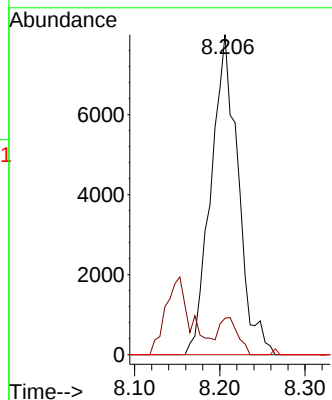
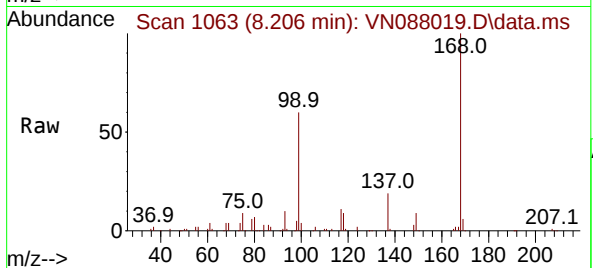
Tgt Ion: 75 Resp: 17692

Ion Ratio Lower Upper

75 100

110 7.8 17.1 51.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.141 min

Lab File: VN088019.D

Acq: 03 Oct 2025 13:21

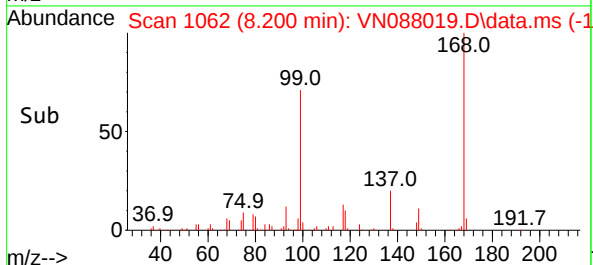
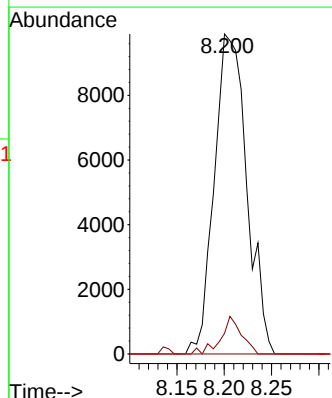
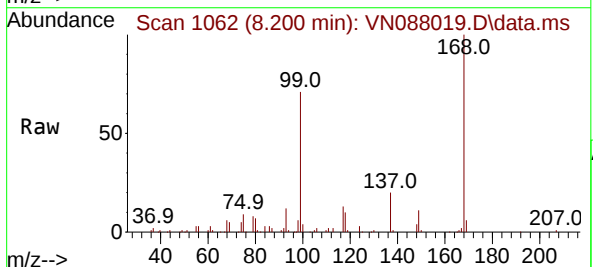
Tgt Ion: 117 Resp: 23688

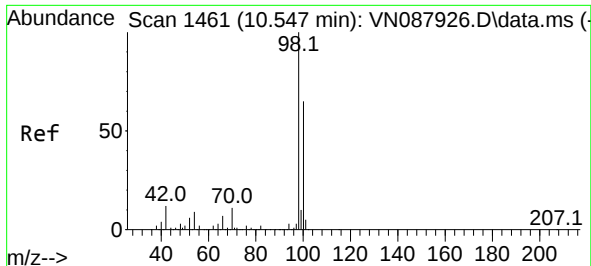
Ion Ratio Lower Upper

117 100

119 6.4 72.1 108.1#

121 0.0 24.6 36.8#

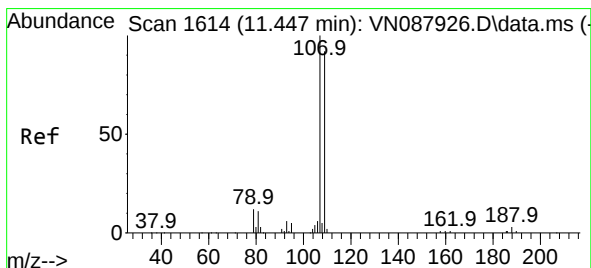
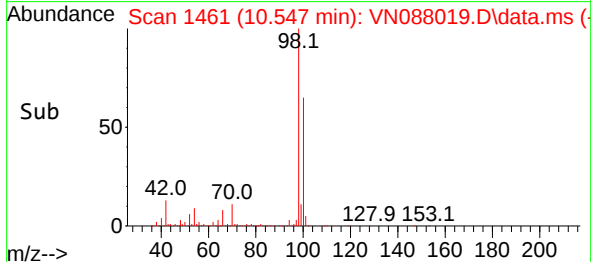
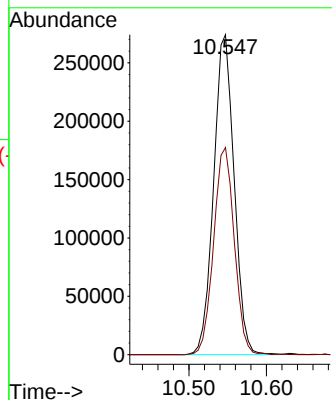
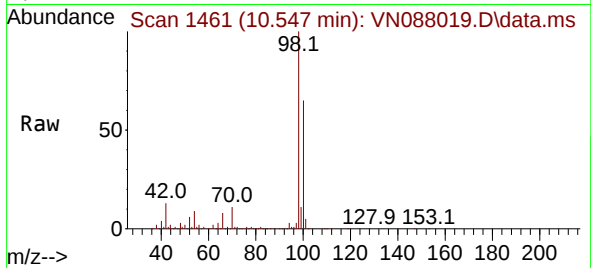




#50
Toluene-d8
Concen: 46.040 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

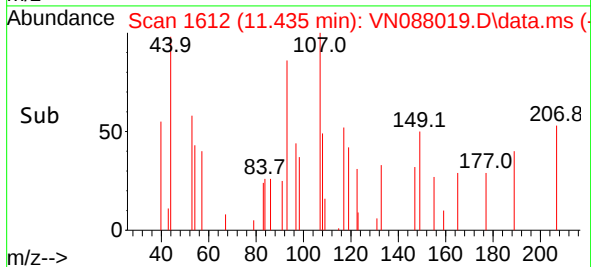
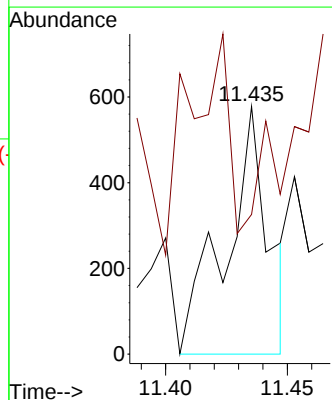
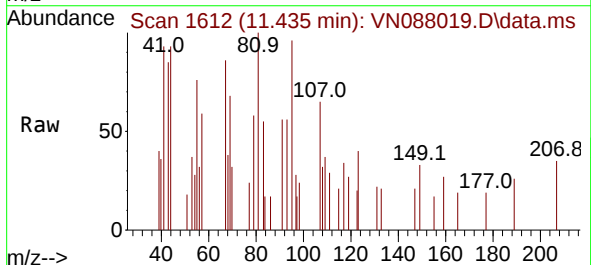
Instrument :
MSVOA_N
ClientSampleId :
IBLK

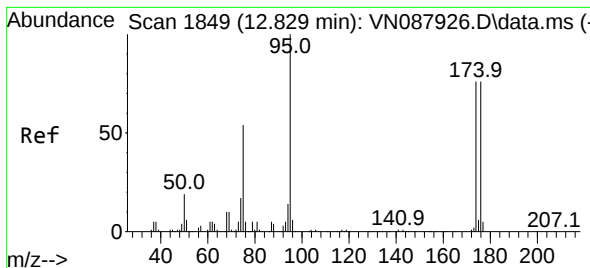
Tgt Ion: 98 Resp: 503670
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#61
1,2-Dibromoethane
Concen: 0.208 ug/l
RT: 11.435 min Scan# 1612
Delta R.T. -0.012 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

Tgt Ion: 107 Resp: 695
Ion Ratio Lower Upper
107 100
109 87.8 75.3 112.9

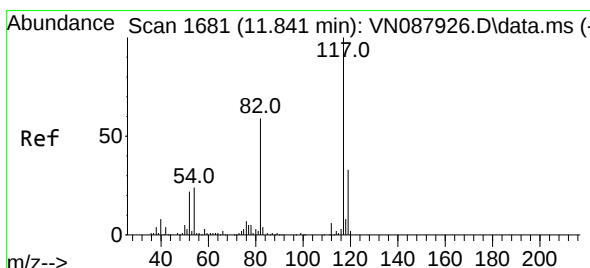
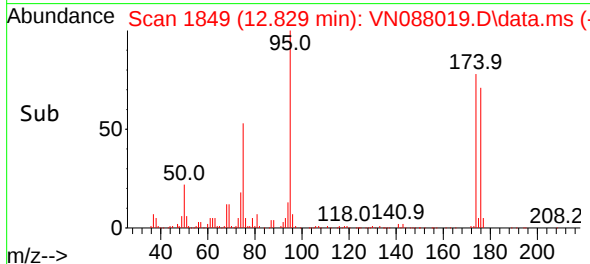
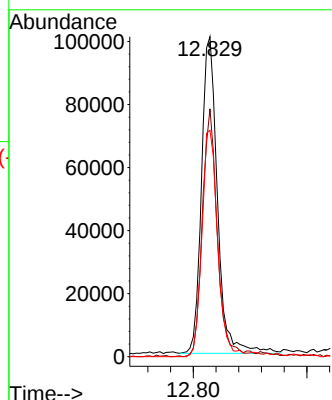
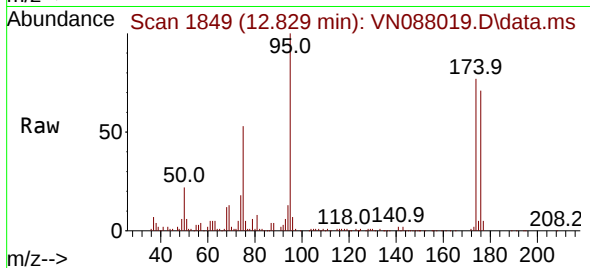




#62
4-Bromofluorobenzene
Concen: 50.062 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

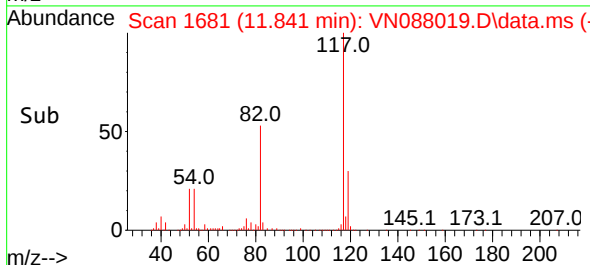
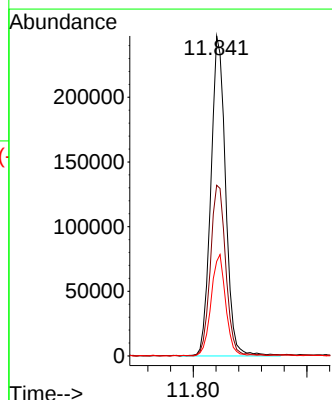
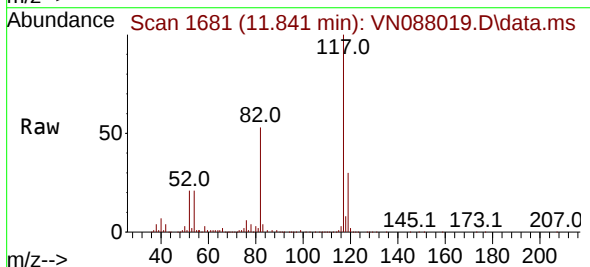
Instrument :
MSVOA_N
ClientSampleId :
IBLK

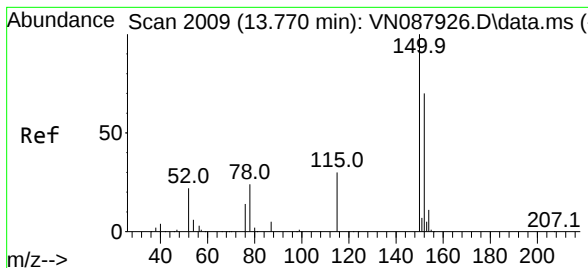
Tgt Ion: 95 Resp: 195764
Ion Ratio Lower Upper
95 100
174 72.8 0.0 159.2
176 70.4 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088019.D
Acq: 03 Oct 2025 13:21

Tgt Ion: 117 Resp: 445314
Ion Ratio Lower Upper
117 100
82 53.3 47.0 70.4
119 29.4 26.1 39.1

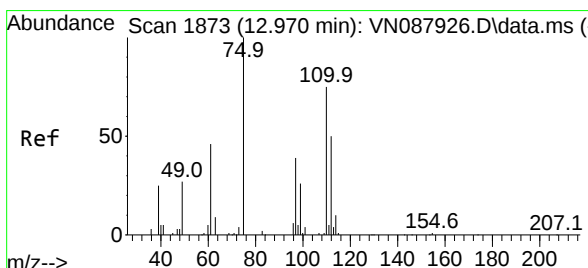
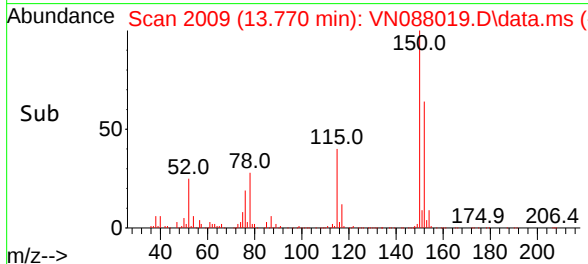
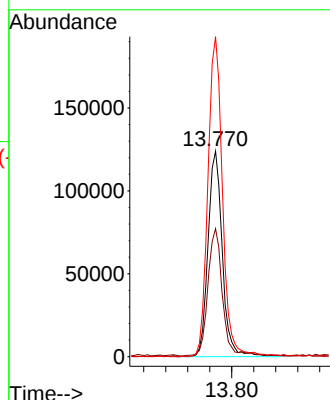
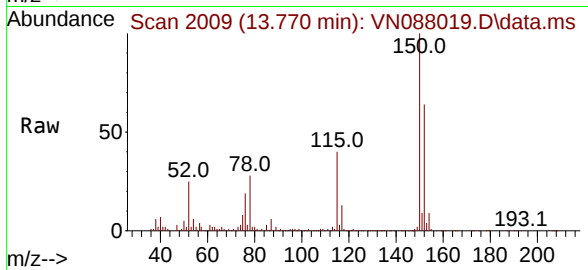




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VN088019.D
 Acq: 03 Oct 2025 13:21

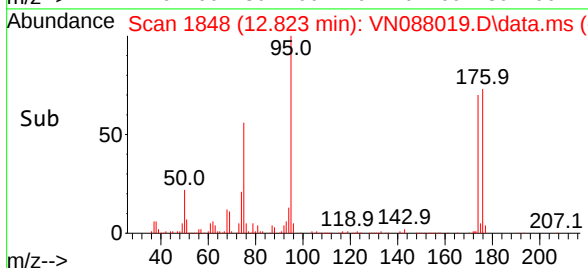
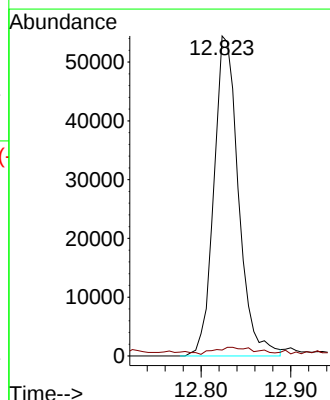
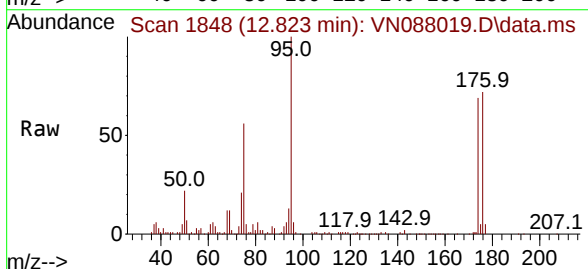
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

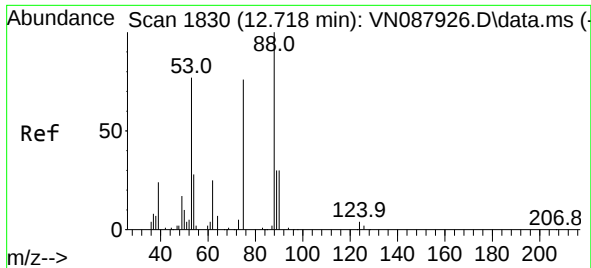
Tgt Ion:152 Resp: 224602
 Ion Ratio Lower Upper
 152 100
 115 61.9 29.9 89.7
 150 158.5 0.0 335.0



#76
 1,2,3-Trichloropropane
 Concen: 23.390 ug/l
 RT: 12.823 min Scan# 1848
 Delta R.T. -0.147 min
 Lab File: VN088019.D
 Acq: 03 Oct 2025 13:21

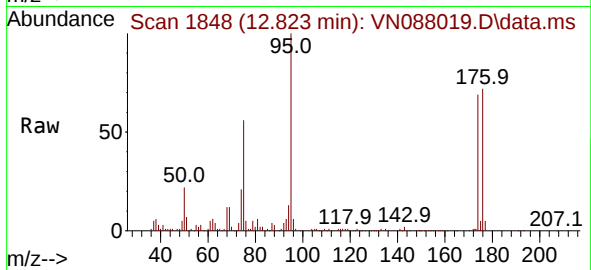
Tgt Ion: 75 Resp: 103558
 Ion Ratio Lower Upper
 75 100
 77 3.6 89.5 268.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.951 ug/l
 RT: 12.823 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN088019.D
 Acq: 03 Oct 2025 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 103558
 Ion Ratio Lower Upper
 75 100
 53 0.4 82.0 123.0#
 89 0.1 36.1 54.1#

