

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086497.D
 Acq On : 05 May 2025 19:38
 Operator : JC\MD
 Sample : Q1914-12 20X
 Misc : 7.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-9

Quant Time: May 06 01:47:59 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	178432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122615	47.389	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.780%
35) Dibromofluoromethane	8.165	113	92828	59.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	119.860%
50) Toluene-d8	10.565	98	423628	51.177	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.360%
62) 4-Bromofluorobenzene	12.847	95	157535	52.177	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.360%

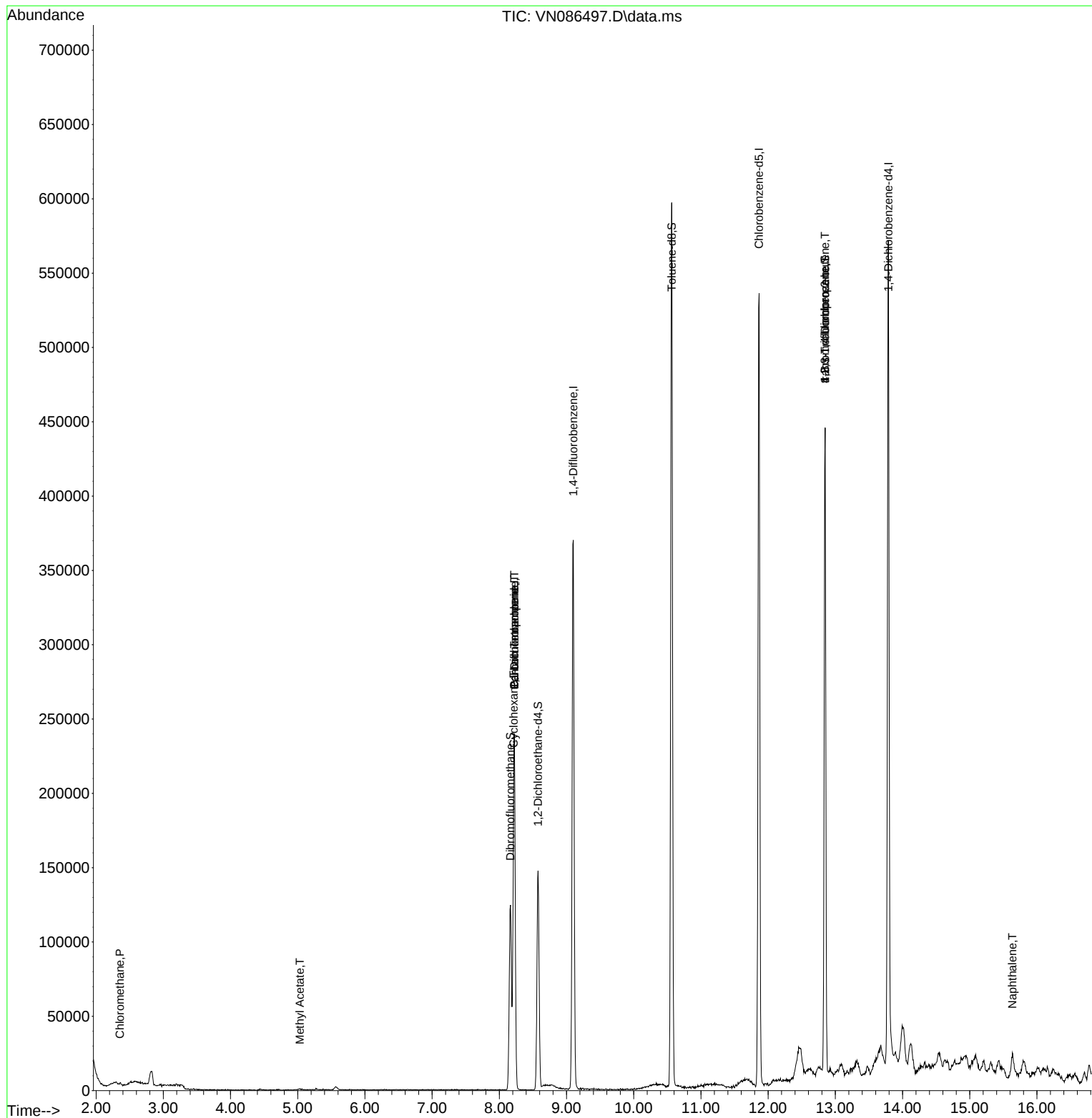
Target Compounds					Qvalue	
3) Chloromethane	2.354	50	852	0.277	ug/l	# 87
16) Acetone	4.430	43	1256	Below Cal		# 43
18) Methyl Acetate	5.030	43	1471	0.474	ug/l	# 51
31) Cyclohexane	8.212	56	3806	0.908	ug/l	# 16
36) 1,1-Dichloropropene	8.224	75	14265	4.611	ug/l	# 50
38) Carbon Tetrachloride	8.224	117	18194	6.176	ug/l	# 17
43) Isopropyl Acetate	8.677	43	2997	Below Cal		# 55
76) 1,2,3-Trichloropropane	12.847	75	79470	22.511	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	79470	54.062	ug/l	# 10
95) Naphthalene	15.635	128	10788	1.286	ug/l	# 91

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

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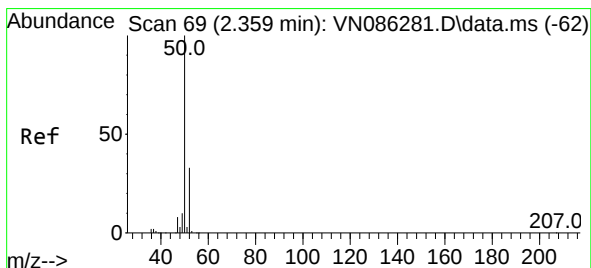
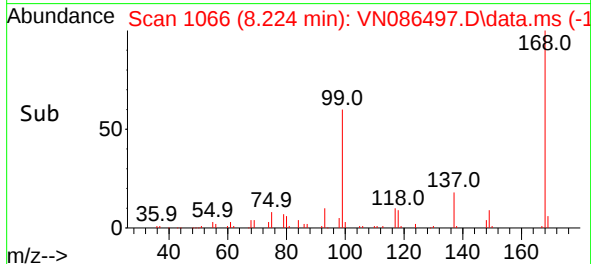
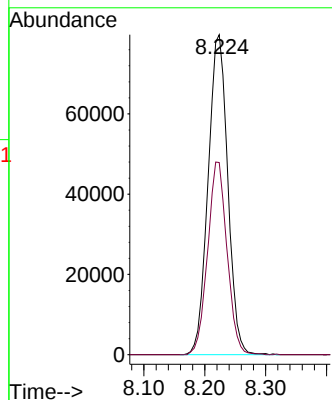
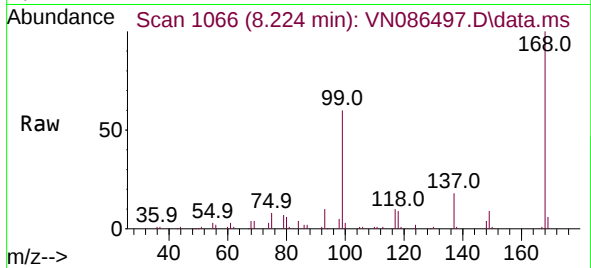




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

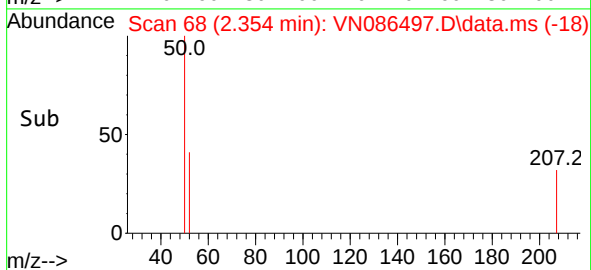
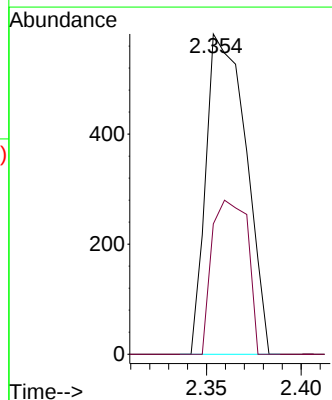
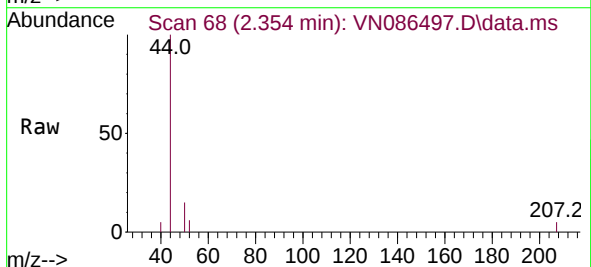
Instrument :
MSVOA_N
ClientSampleId :
SS-9

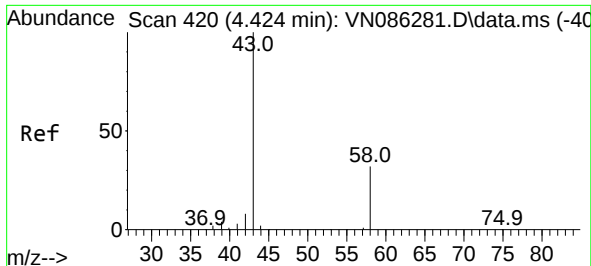
Tgt Ion:168 Resp: 178432
Ion Ratio Lower Upper
168 100
99 60.1 52.5 78.7



#3
Chloromethane
Concen: 0.277 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

Tgt Ion: 50 Resp: 852
Ion Ratio Lower Upper
50 100
52 40.7 26.5 39.7#

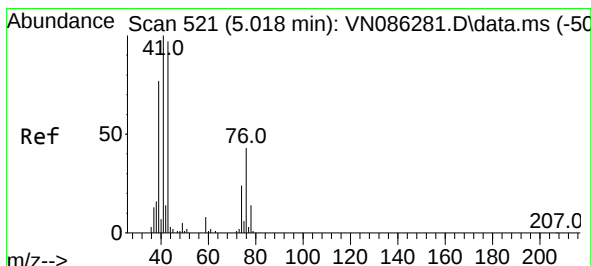
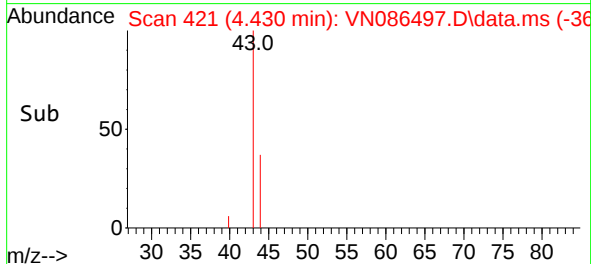
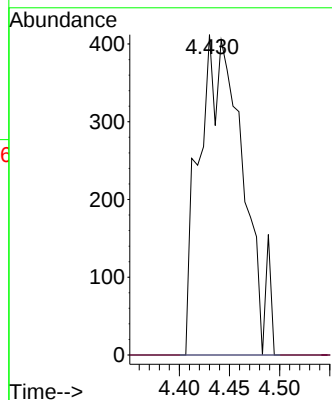
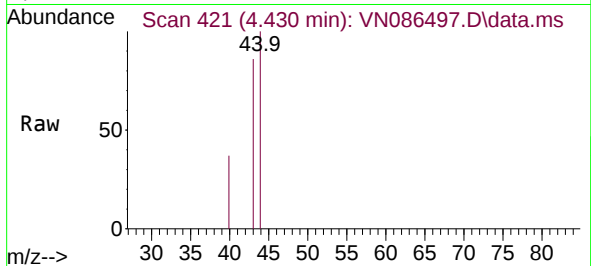




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

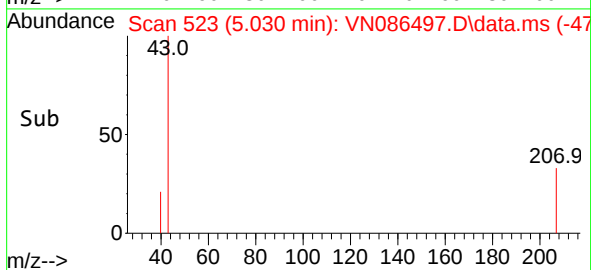
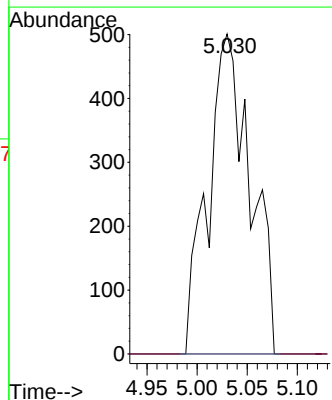
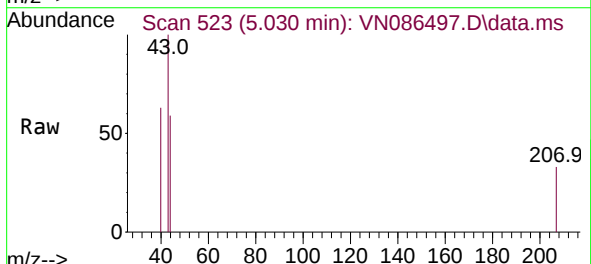
Instrument :
MSVOA_N
ClientSampleId :
SS-9

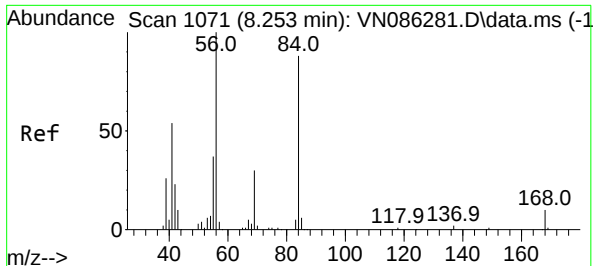
Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#



#18
Methyl Acetate
Concen: 0.474 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

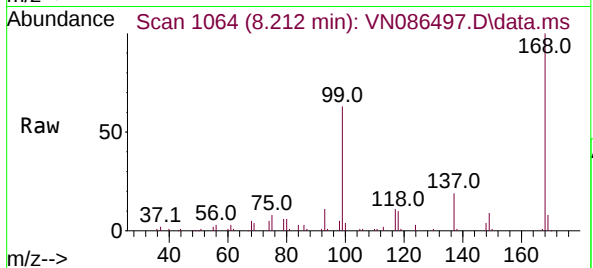
Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



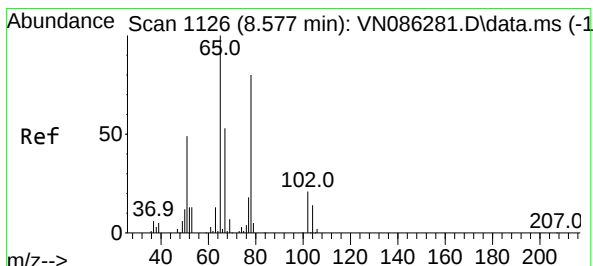
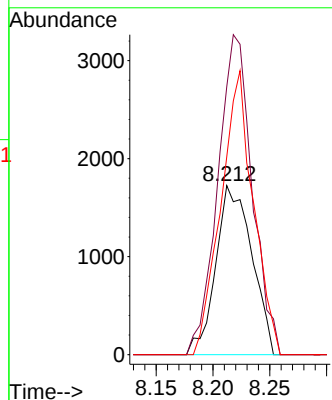
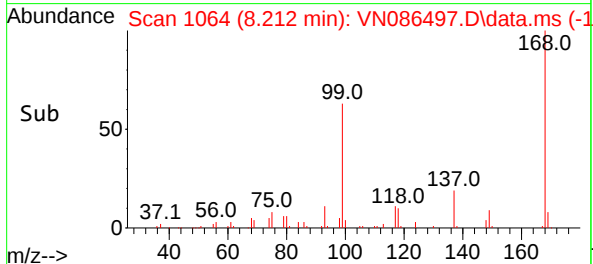


#31
Cyclohexane
Concen: 0.908 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

Instrument :
MSVOA_N
ClientSampleId :
SS-9

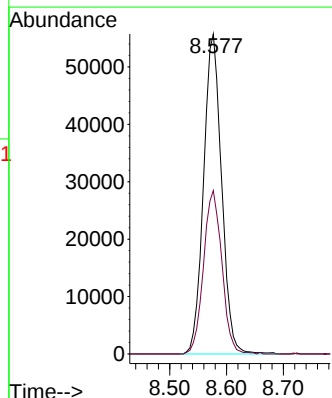
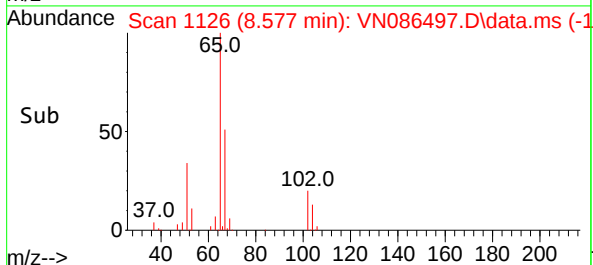
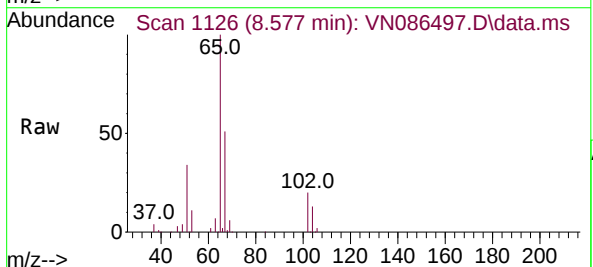


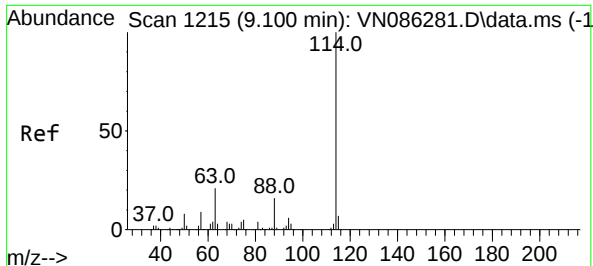
Tgt Ion: 56 Resp: 3806
Ion Ratio Lower Upper
56 100
69 158.4 24.2 36.2#
84 117.0 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 47.389 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

Tgt Ion: 65 Resp: 122615
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

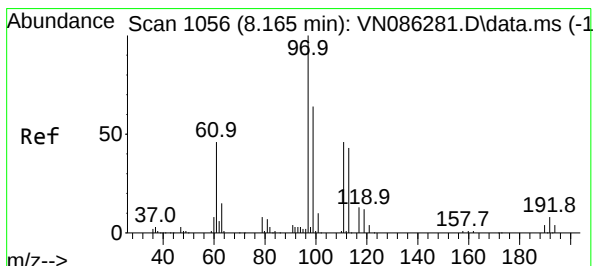
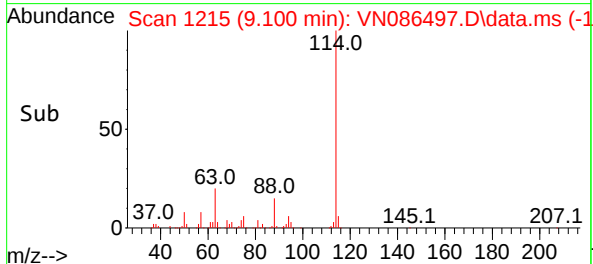
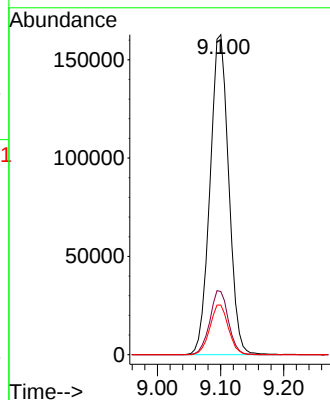
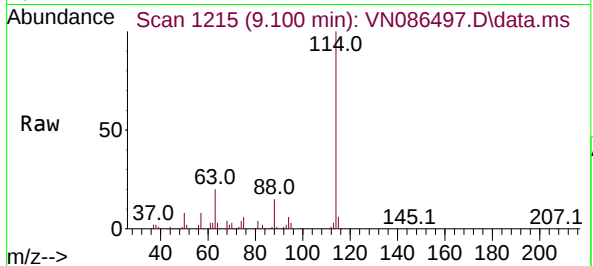




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

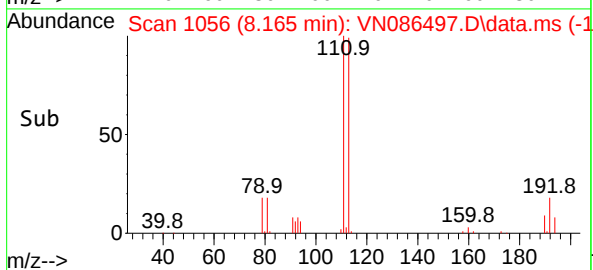
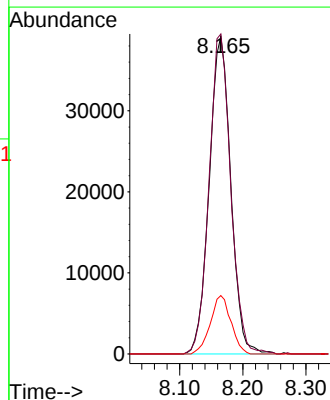
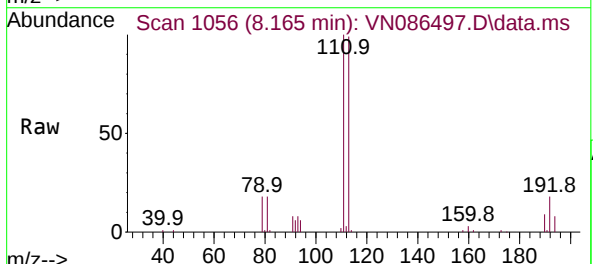
Instrument :
MSVOA_N
ClientSampleId :
SS-9

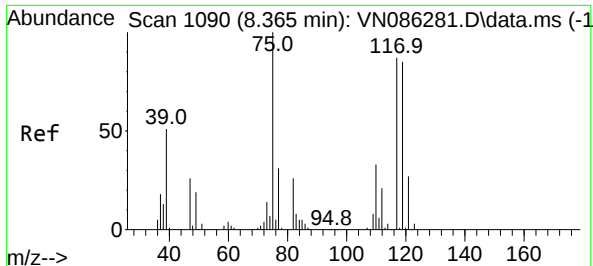
Tgt Ion:114 Resp: 333720
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.934 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

Tgt Ion:113 Resp: 92828
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.0
192 17.6 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.611 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086497.D

Acq: 05 May 2025 19:38

Instrument :

MSVOA_N

ClientSampleId :

SS-9

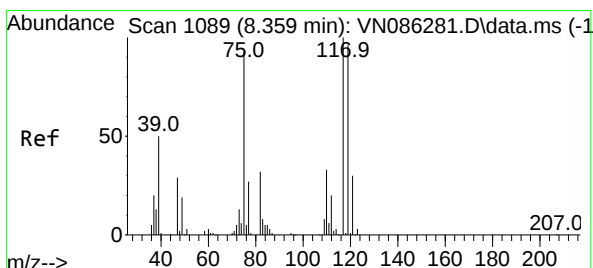
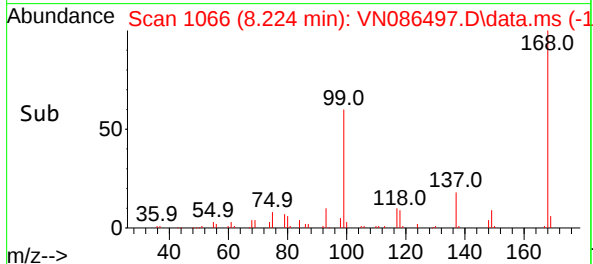
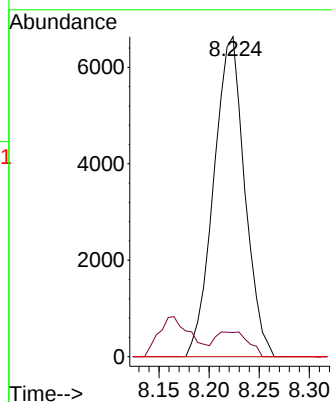
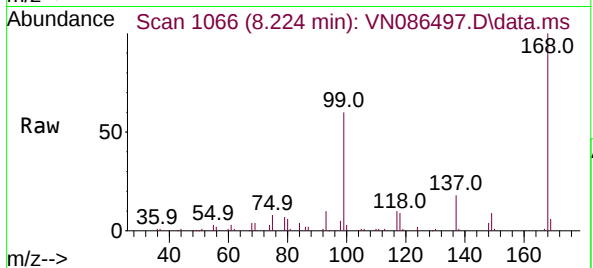
Tgt Ion: 75 Resp: 14265

Ion Ratio Lower Upper

75 100

110 8.1 16.8 50.4#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.176 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086497.D

Acq: 05 May 2025 19:38

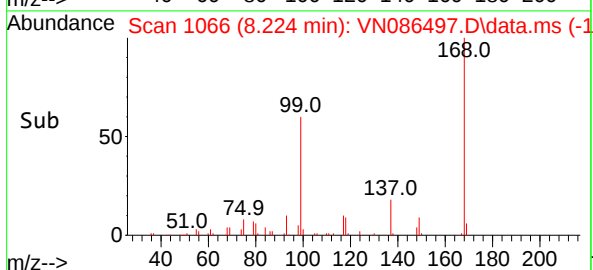
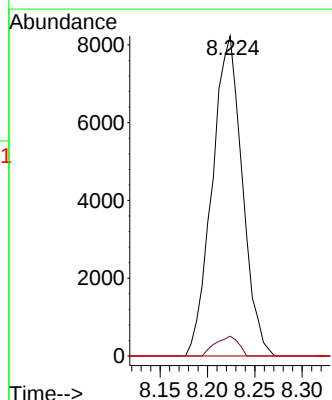
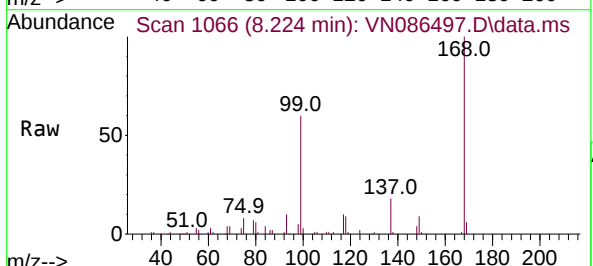
Tgt Ion: 117 Resp: 18194

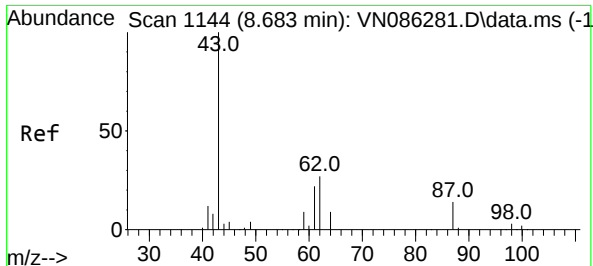
Ion Ratio Lower Upper

117 100

119 6.2 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: VN086497.D

Acq: 05 May 2025 19:38

Instrument :

MSVOA_N

ClientSampleId :

SS-9

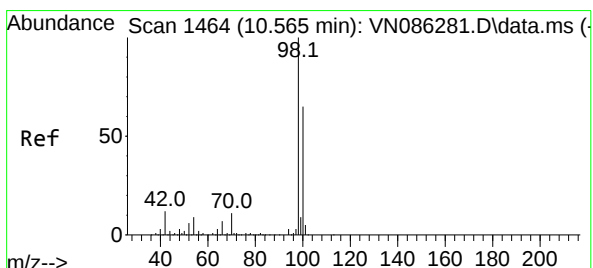
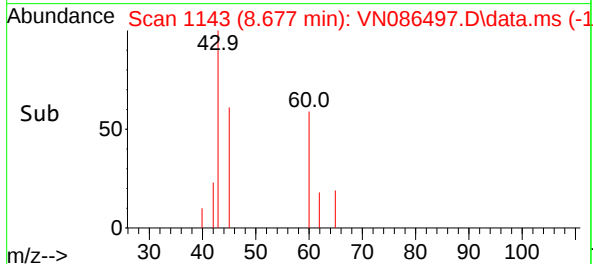
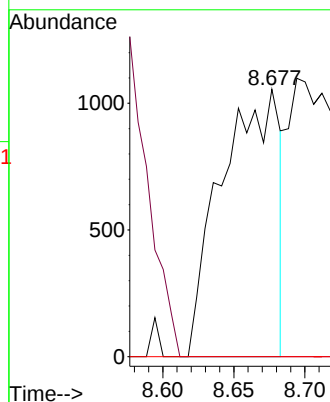
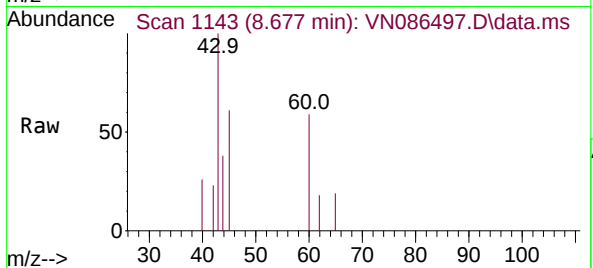
Tgt Ion: 43 Resp: 2997

Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

87 0.0 10.5 15.7#



#50

Toluene-d8

Concen: 51.177 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086497.D

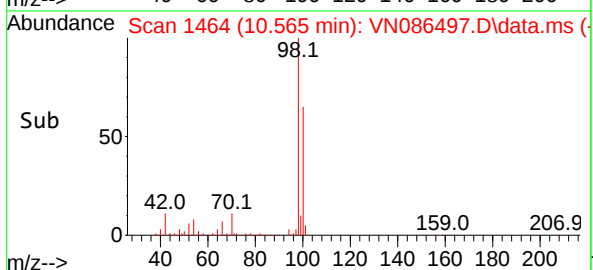
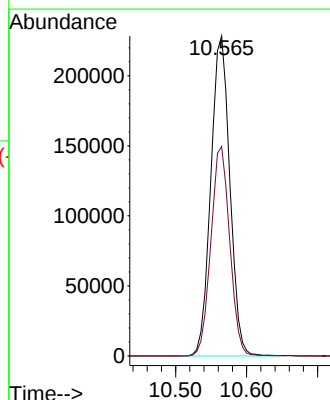
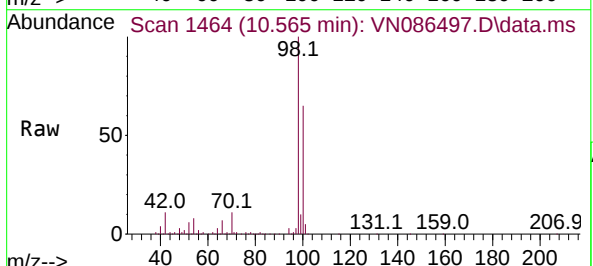
Acq: 05 May 2025 19:38

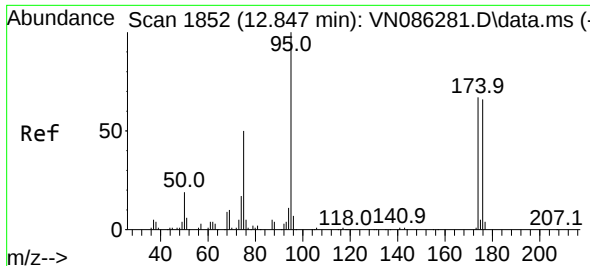
Tgt Ion: 98 Resp: 423628

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

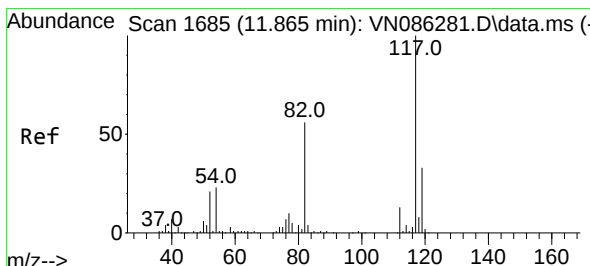
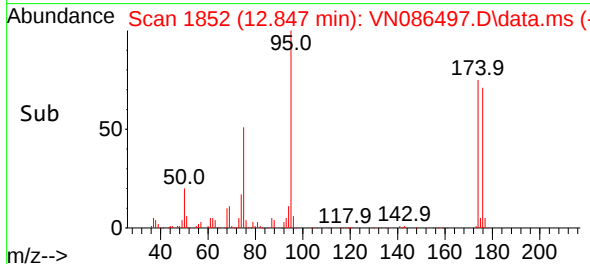
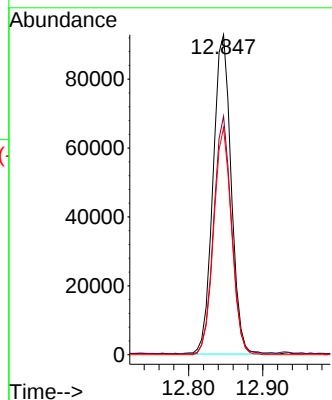
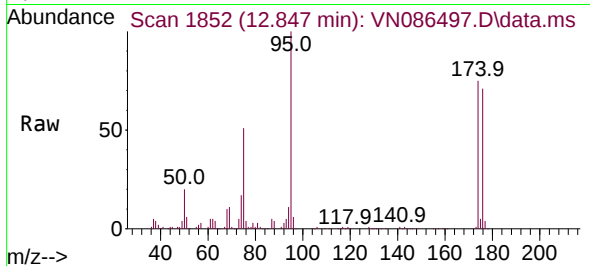




#62
4-Bromofluorobenzene
Concen: 52.177 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

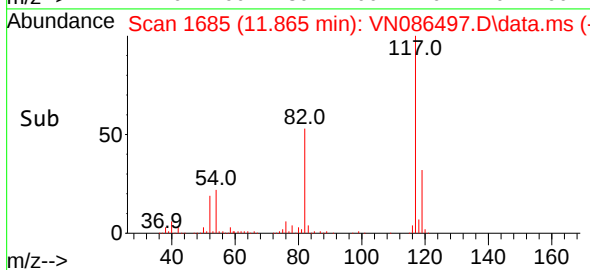
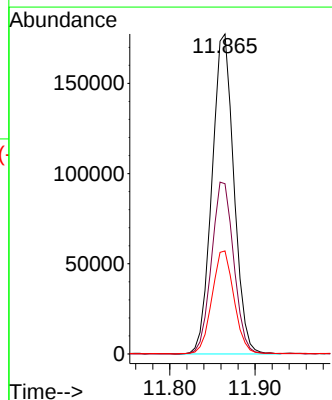
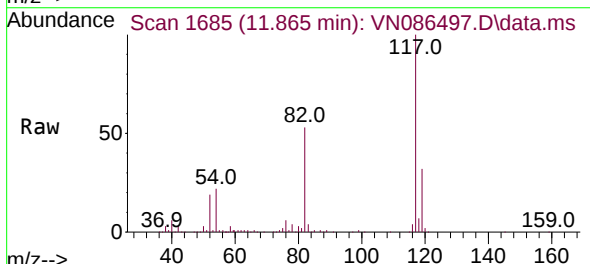
Instrument :
MSVOA_N
ClientSampleId :
SS-9

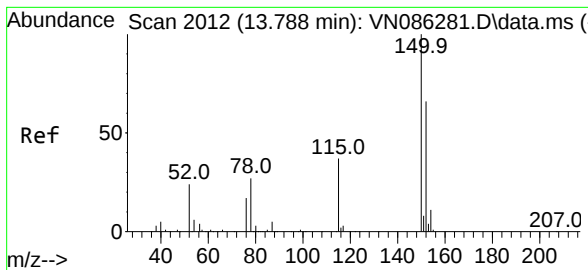
Tgt Ion: 95 Resp: 157535
Ion Ratio Lower Upper
95 100
174 73.2 0.0 133.4
176 70.2 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

Tgt Ion: 117 Resp: 316613
Ion Ratio Lower Upper
117 100
82 53.2 44.7 67.1
119 32.1 26.4 39.6

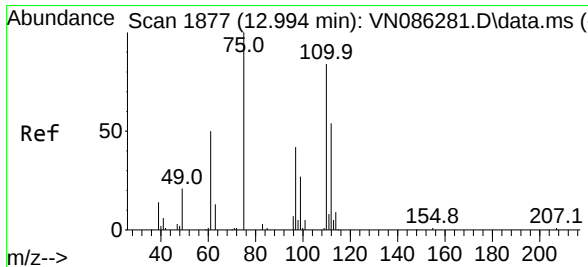
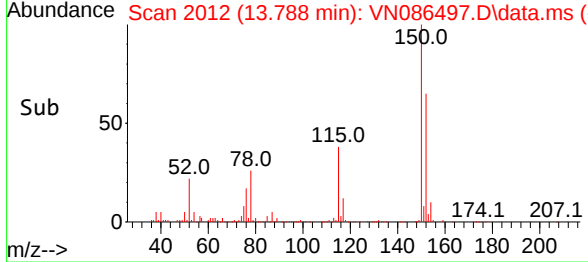
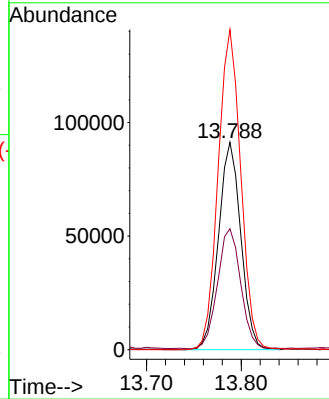
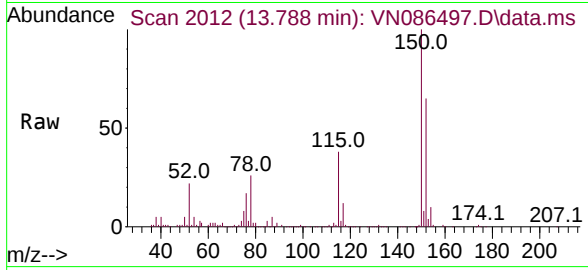




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN086497.D
 Acq: 05 May 2025 19:38

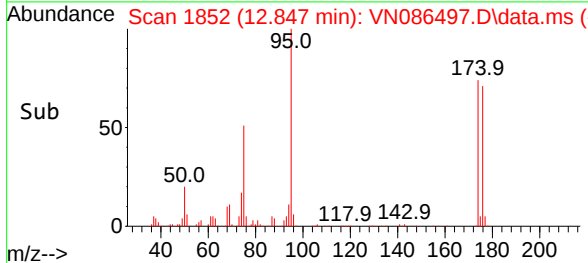
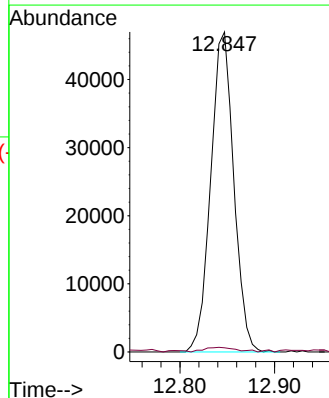
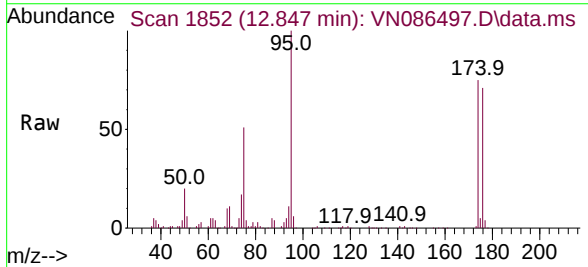
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-9

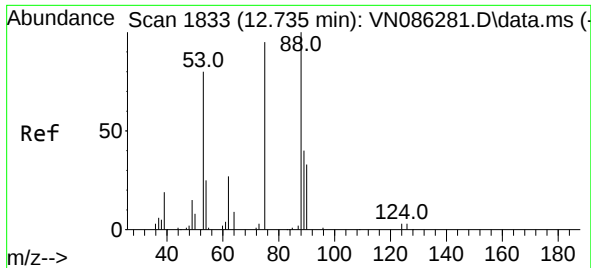
Tgt Ion:152 Resp: 149599
 Ion Ratio Lower Upper
 152 100
 115 60.2 31.9 95.9
 150 156.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 22.511 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086497.D
 Acq: 05 May 2025 19:38

Tgt Ion: 75 Resp: 79470
 Ion Ratio Lower Upper
 75 100
 77 2.0 98.8 296.4#

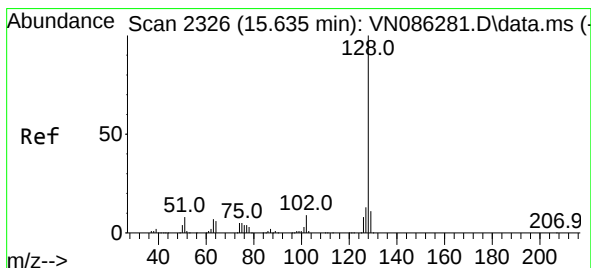
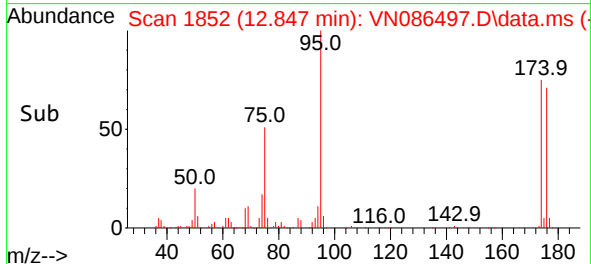
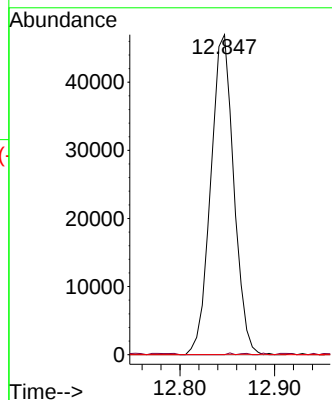
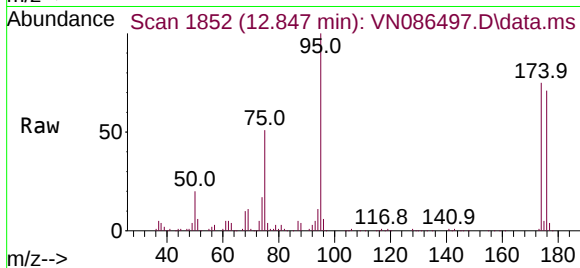




#81
trans-1,4-Dichloro-2-butene
Concen: 54.062 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

Instrument :
MSVOA_N
ClientSampleId :
SS-9

Tgt Ion: 75 Resp: 79470
Ion Ratio Lower Upper
75 100
53 0.1 79.2 118.8#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 1.286 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086497.D
Acq: 05 May 2025 19:38

Tgt Ion: 128 Resp: 10788
Ion Ratio Lower Upper
128 100
127 14.7 10.2 15.4
129 5.5 8.6 13.0#

