

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086212.D
 Acq On : 02 Apr 2025 16:43
 Operator : JC\MD
 Sample : Q1693-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TP-1

Quant Time: Apr 03 01:36:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

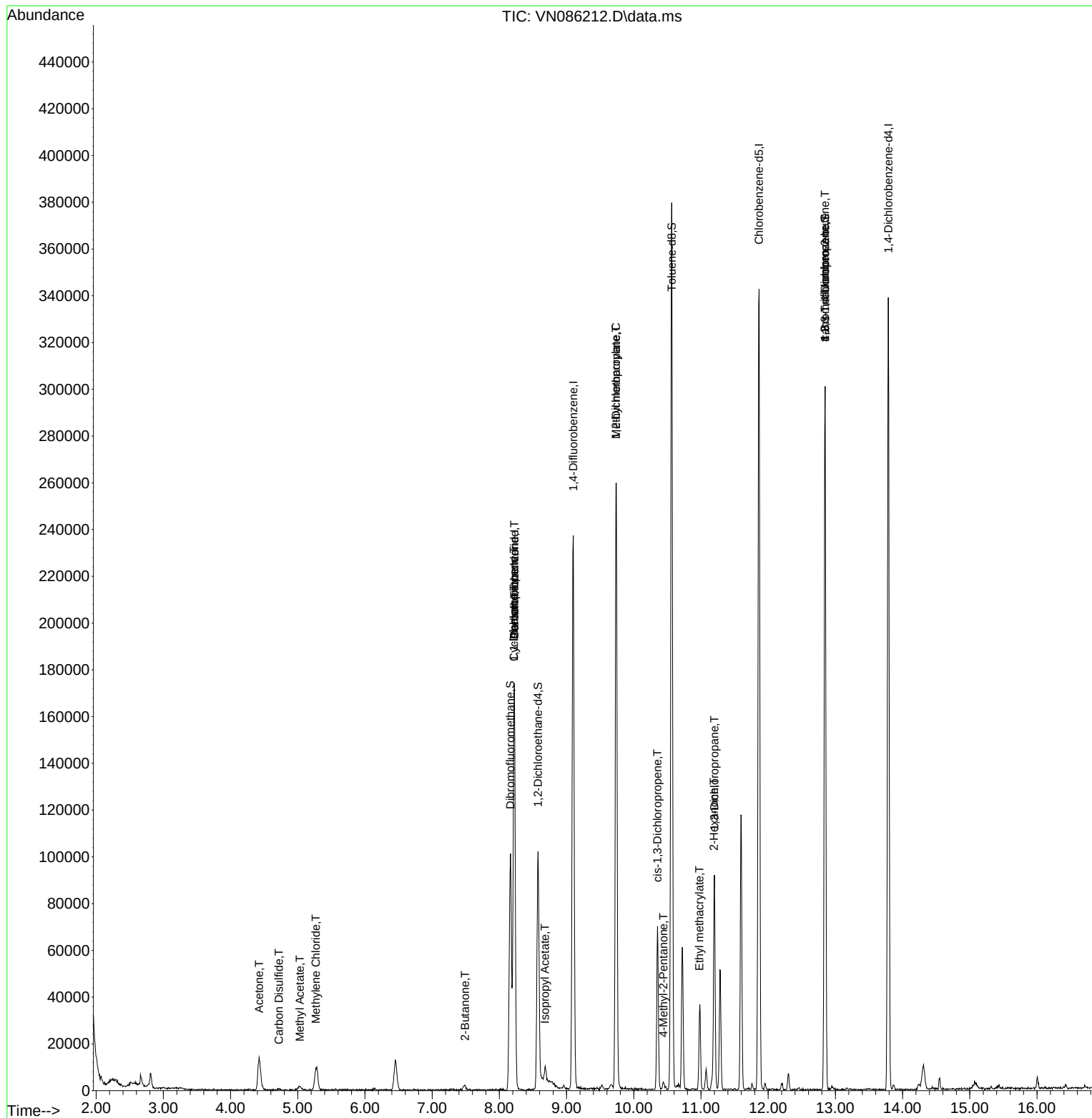
Internal Standards						
1) Pentafluorobenzene	8.224	168	124845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91606	53.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.160%	
35) Dibromofluoromethane	8.165	113	70206	48.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.140%	
50) Toluene-d8	10.565	98	260882	49.729	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.847	95	102466	54.768	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	26291	50.338	ug/l	100
17) Carbon Disulfide	4.718	76	1043	0.248	ug/l #	74
18) Methyl Acetate	5.030	43	3342	2.586	ug/l #	71
20) Methylene Chloride	5.271	84	8834	5.782	ug/l	90
25) 2-Butanone	7.488	43	3684	4.888	ug/l #	86
31) Cyclohexane	8.218	56	2553	1.199	ug/l #	18
36) 1,1-Dichloropropene	8.218	75	9352	4.914	ug/l #	51
38) Carbon Tetrachloride	8.224	117	13651	5.455	ug/l #	14
43) Isopropyl Acetate	8.677	43	7716	2.218	ug/l #	82
45) 1,2-Dichloropropane	9.735	63	362	0.266	ug/l #	44
48) Methyl methacrylate	9.735	41	24557	21.387	ug/l #	34
51) 4-Methyl-2-Pentanone	10.441	43	2541	1.656	ug/l #	73
54) cis-1,3-Dichloropropene	10.353	75	14024	6.128	ug/l #	61
56) Ethyl methacrylate	10.977	69	204	0.303	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	1072	0.451	ug/l #	42
59) 2-Hexanone	11.194	43	15488	13.854	ug/l #	40
76) 1,2,3-Trichloropropane	12.847	75	56393	26.491	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56393	70.037	ug/l #	16

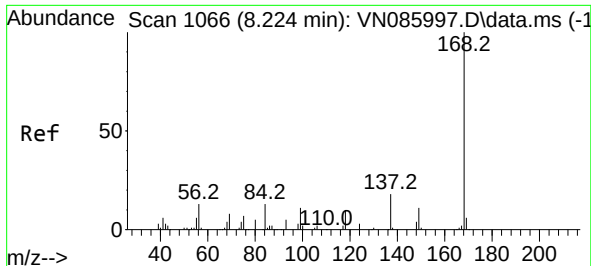
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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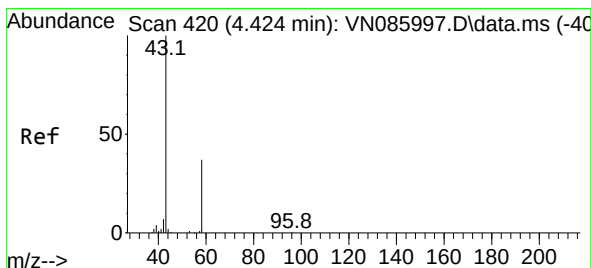
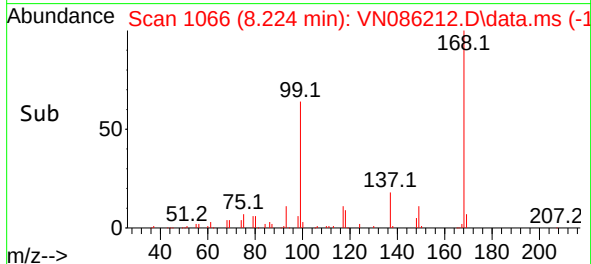
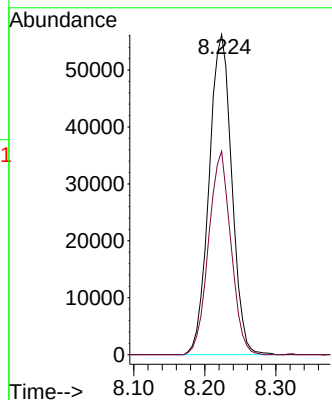
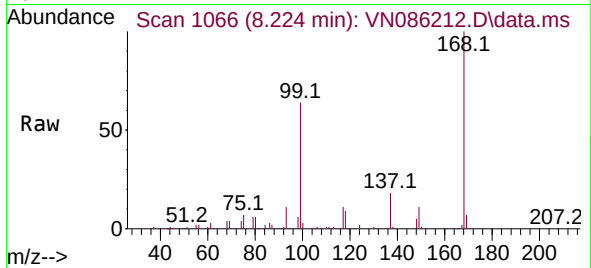




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

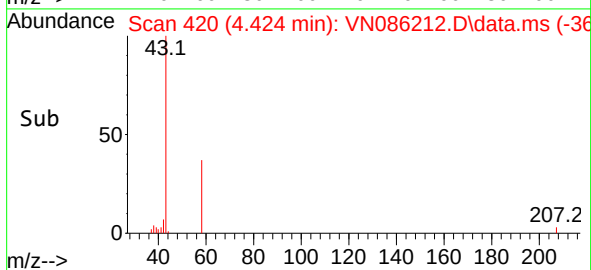
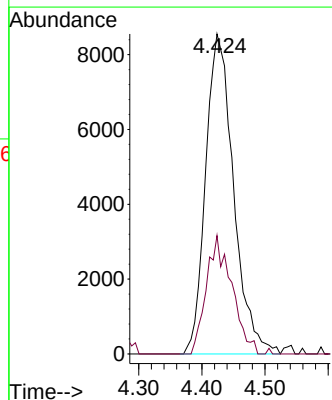
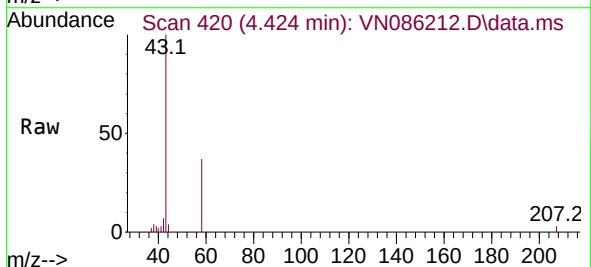
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1

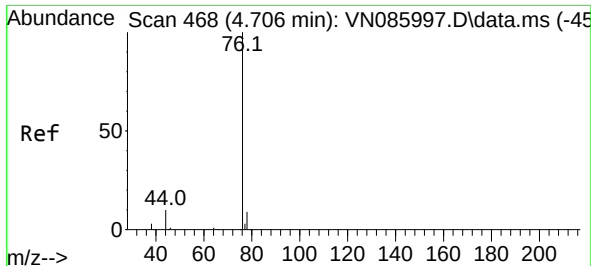
Tgt Ion:168 Resp: 124845
Ion Ratio Lower Upper
168 100
99 63.6 49.4 74.2



#16
Acetone
Concen: 50.338 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 43 Resp: 26291
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.2

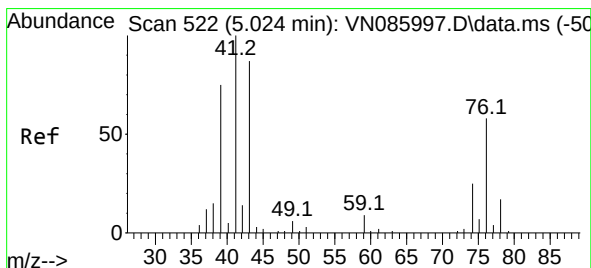
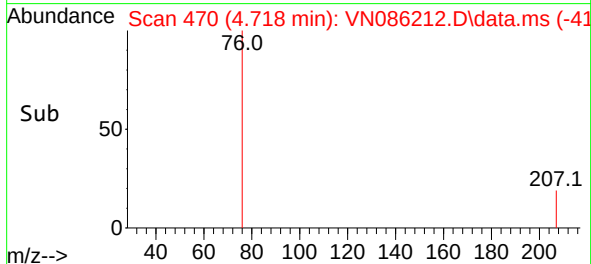
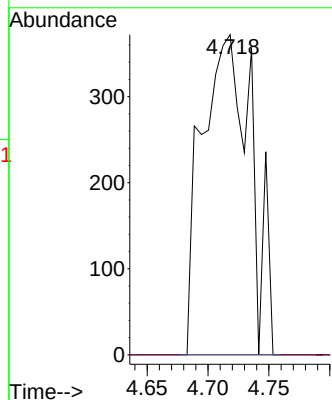
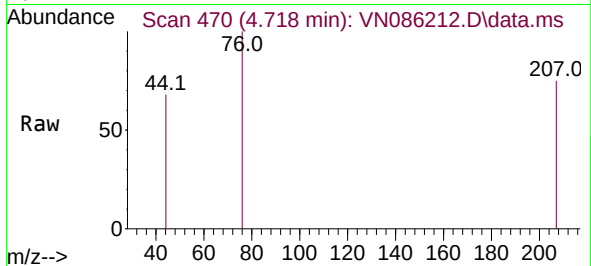




#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

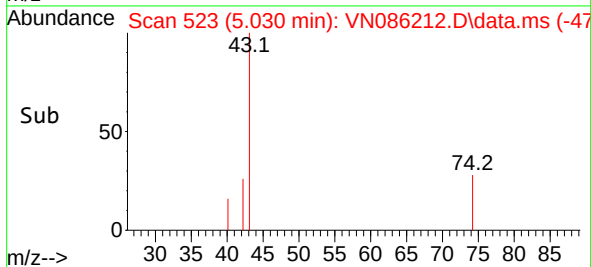
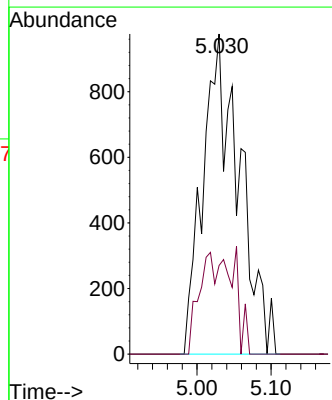
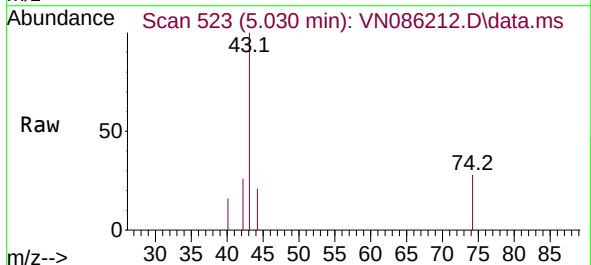
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1

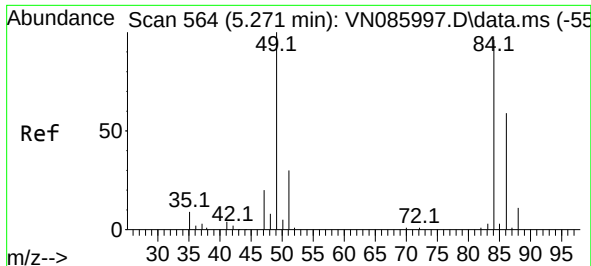
Tgt Ion: 76 Resp: 1043
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 2.586 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 43 Resp: 3342
Ion Ratio Lower Upper
43 100
74 14.2 23.9 35.9#

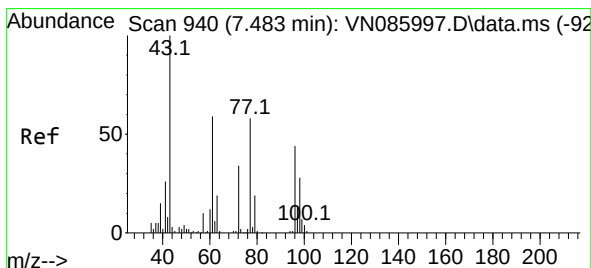
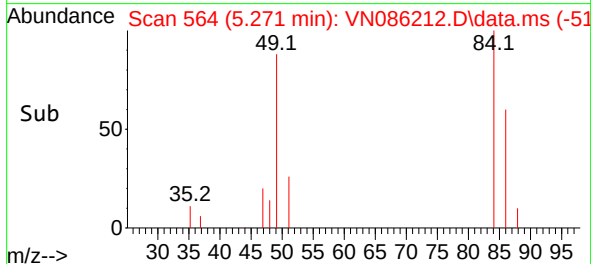
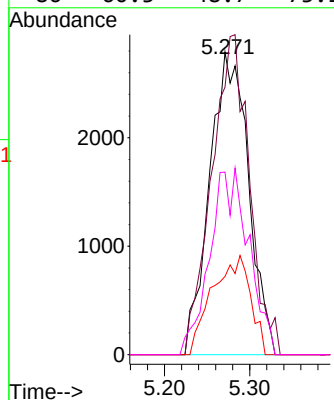
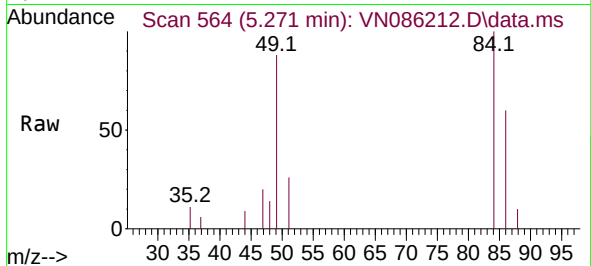




#20
Methylene Chloride
Concen: 5.782 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

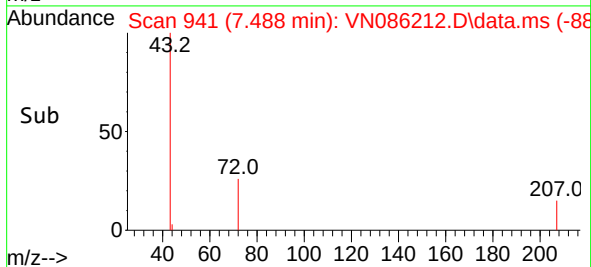
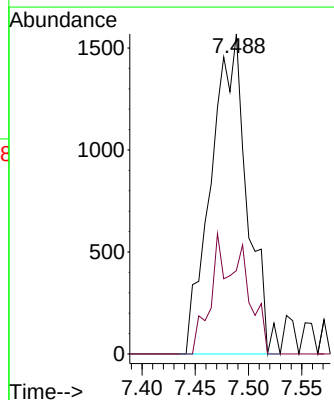
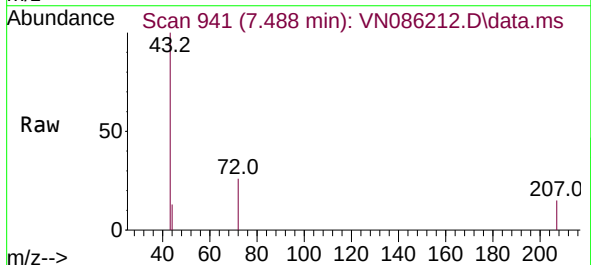
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1

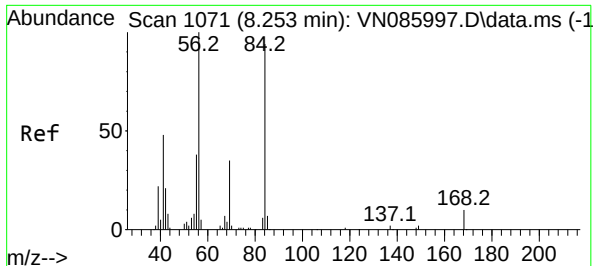
Tgt Ion: 84	Resp:	8834	
Ion	Ratio	Lower	Upper
84	100		
49	88.4	83.3	124.9
51	25.8	24.8	37.2
86	60.3	48.7	73.1



#25
2-Butanone
Concen: 4.888 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 43	Resp:	3684	
Ion	Ratio	Lower	Upper
43	100		
72	26.1	27.4	41.0#

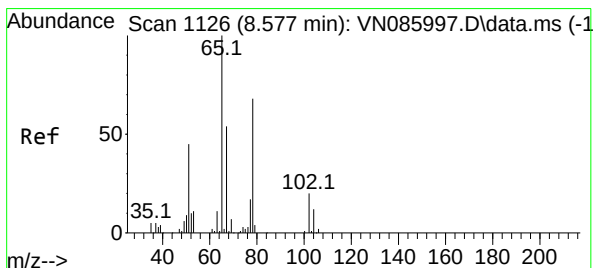
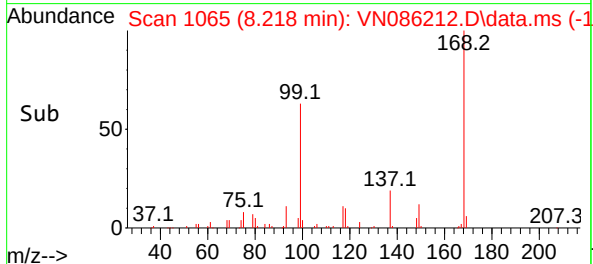
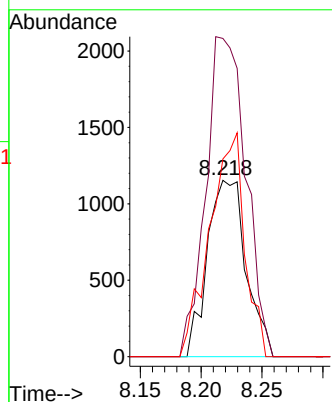
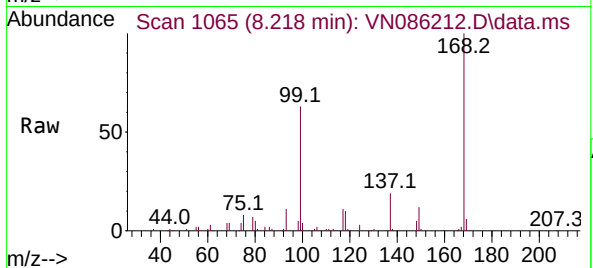




#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

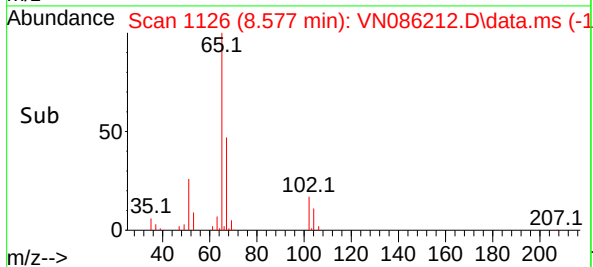
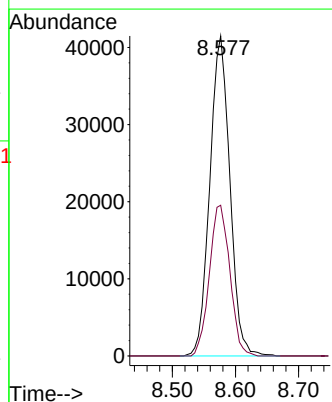
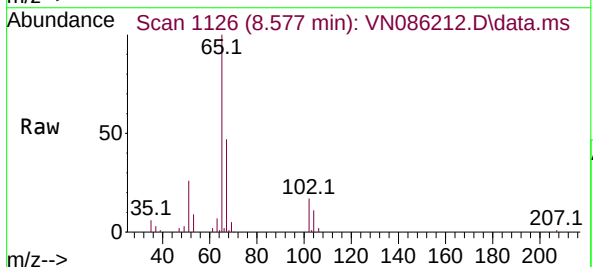
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1

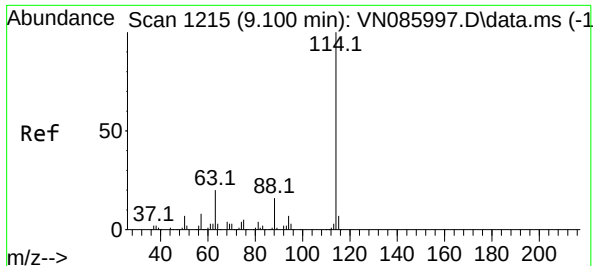
Tgt Ion: 56 Resp: 2553
Ion Ratio Lower Upper
56 100
69 180.5 28.0 42.0#
84 112.1 75.0 112.6



#33
1,2-Dichloroethane-d4
Concen: 53.585 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 65 Resp: 91606
Ion Ratio Lower Upper
65 100
67 48.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

Instrument :

MSVOA_N

ClientSampleId :

WCS-TP-1

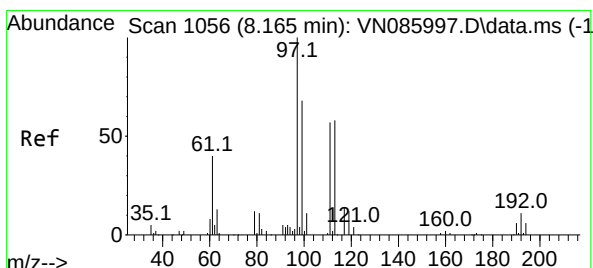
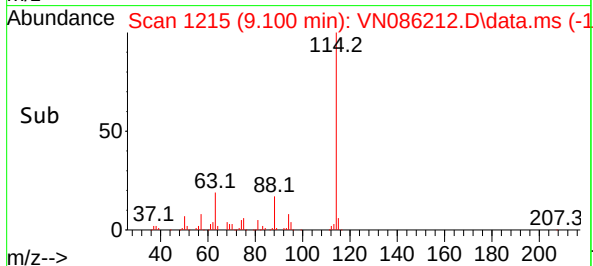
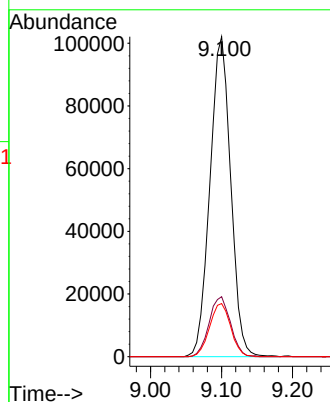
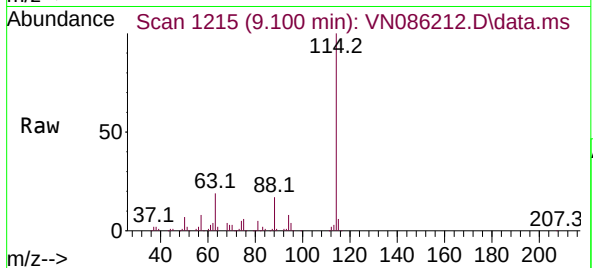
Tgt Ion:114 Resp: 207091

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.570 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

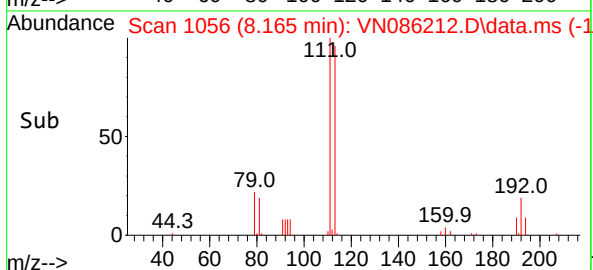
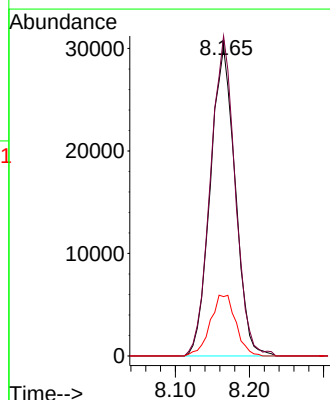
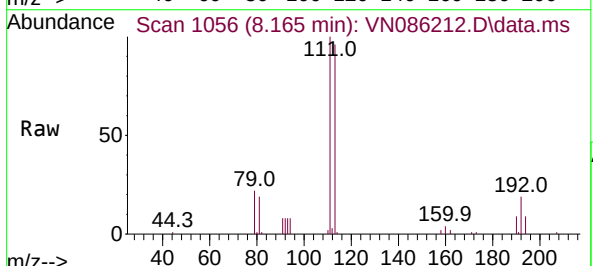
Tgt Ion:113 Resp: 70206

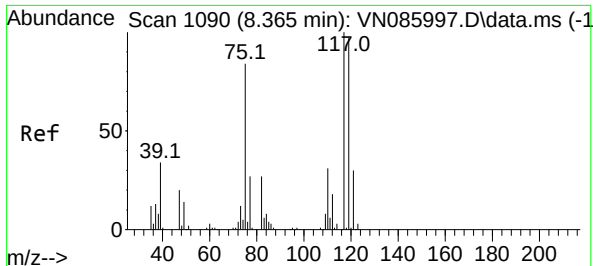
Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 20.2 15.9 23.9

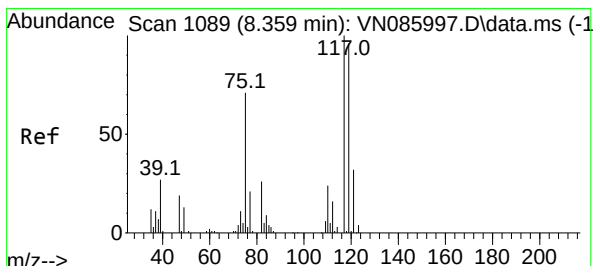
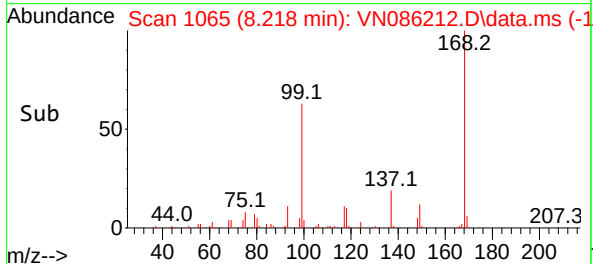
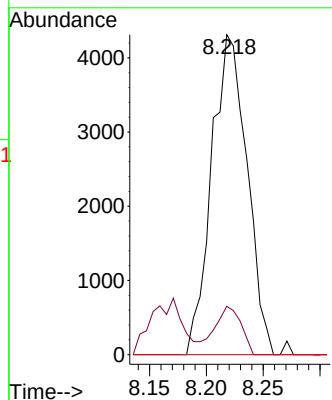
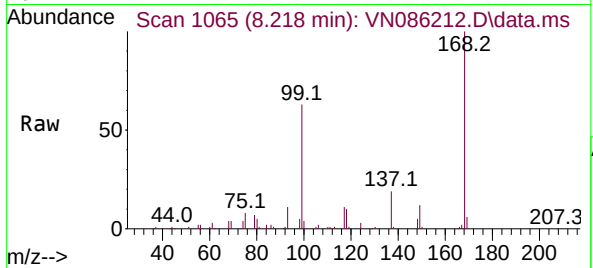




#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

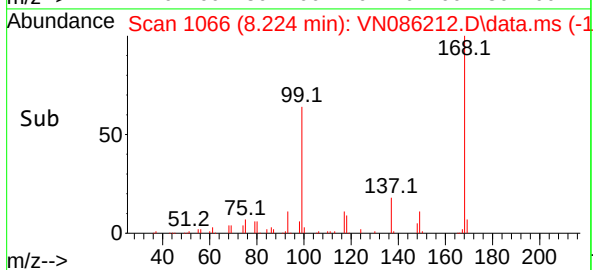
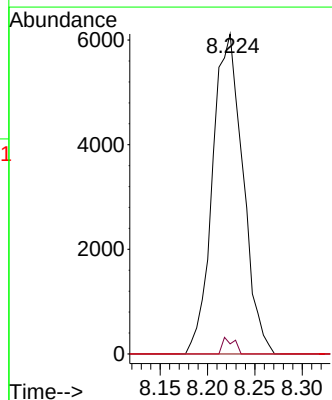
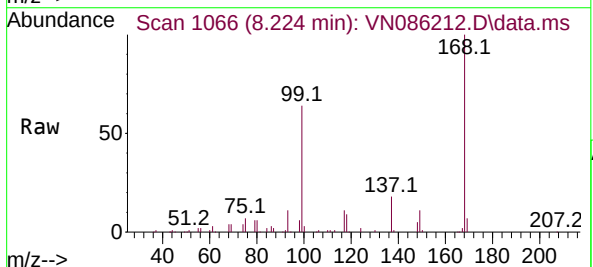
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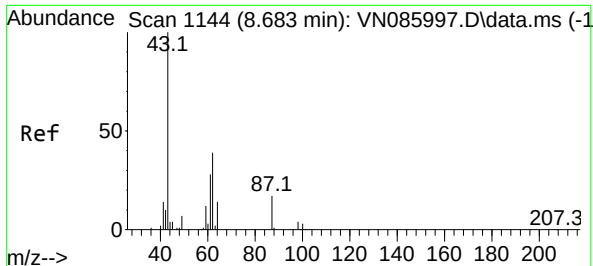
Tgt Ion: 75 Resp: 9352
Ion Ratio Lower Upper
75 100
110 11.2 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.455 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 117 Resp: 13651
Ion Ratio Lower Upper
117 100
119 3.1 77.0 115.4#
121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 2.218 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

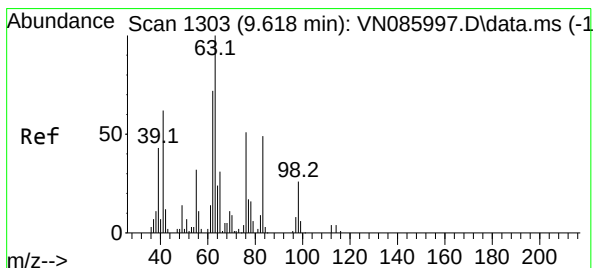
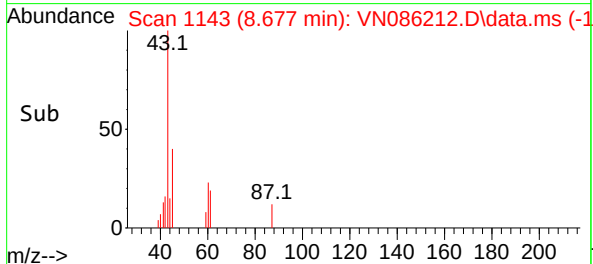
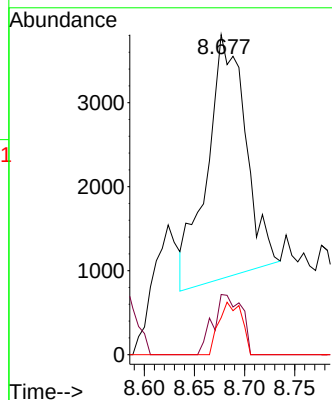
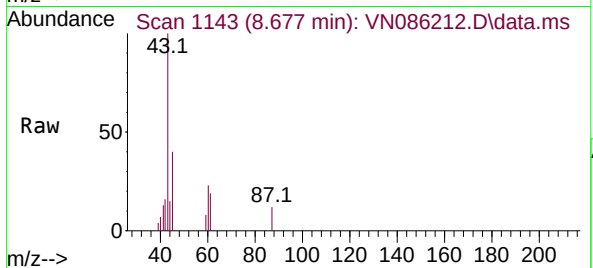
Instrument :

MSVOA_N

ClientSampleId :

WCS-TP-1

Tgt Ion:	43	Resp:	7716
Ion	Ratio	Lower	Upper
43	100		
61	18.3	25.0	37.6#
87	12.9	13.0	19.4#



#45

1,2-Dichloropropane

Concen: 0.266 ug/l

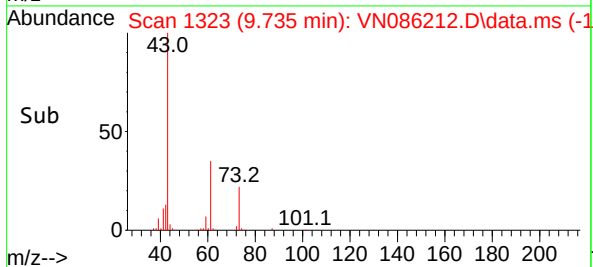
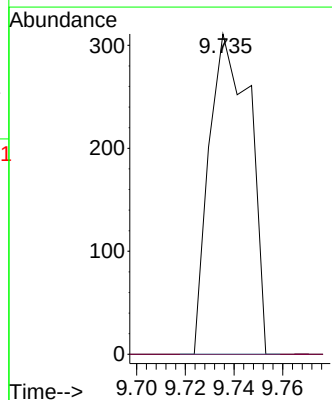
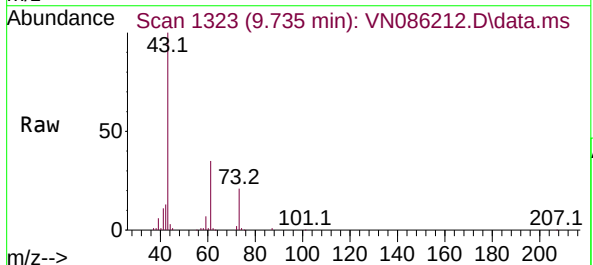
RT: 9.735 min Scan# 1323

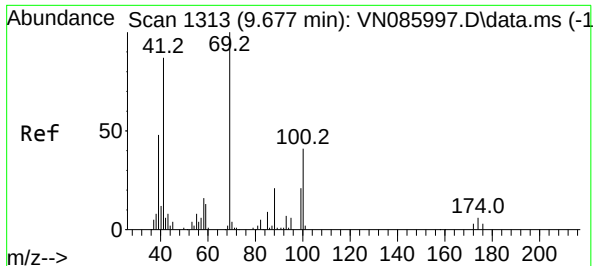
Delta R.T. 0.118 min

Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

Tgt Ion:	63	Resp:	362
Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#





#48

Methyl methacrylate

Concen: 21.387 ug/l

RT: 9.735 min Scan# 1

Delta R.T. 0.059 min

Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

Instrument :

MSVOA_N

ClientSampleId :

WCS-TP-1

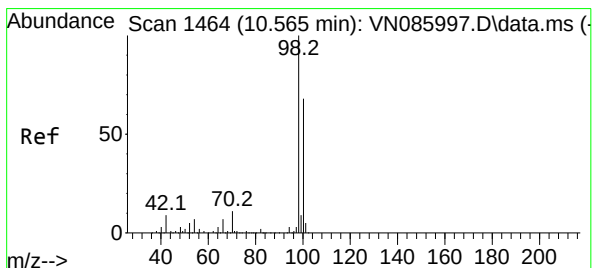
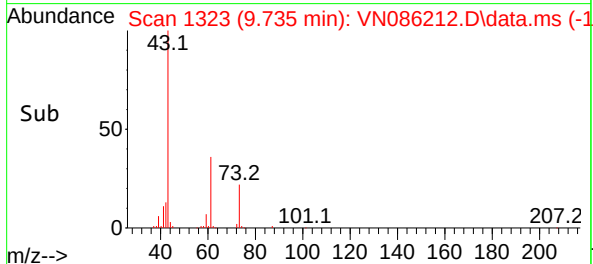
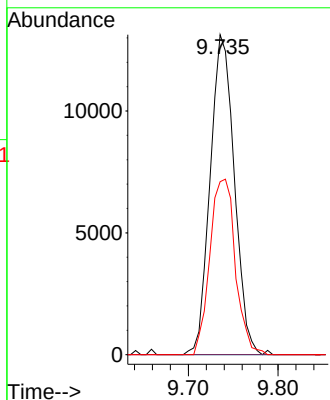
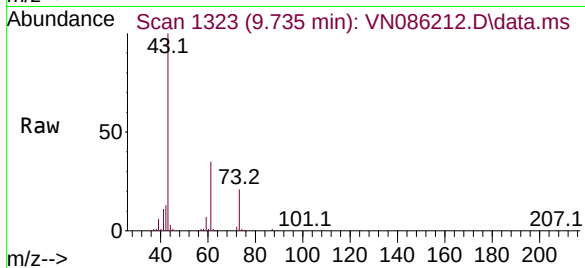
Tgt Ion: 41 Resp: 24557

Ion Ratio Lower Upper

41 100

69 0.0 83.1 124.7#

39 57.9 45.6 68.4



#50

Toluene-d8

Concen: 49.729 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086212.D

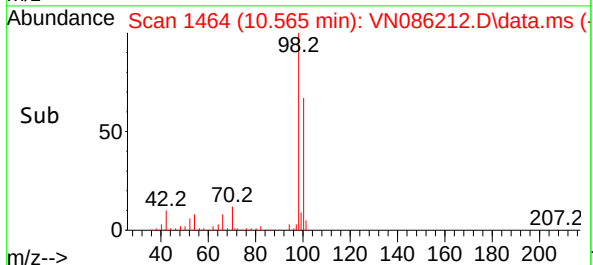
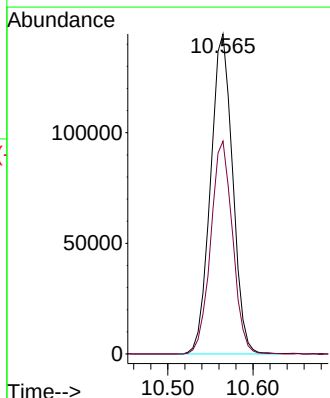
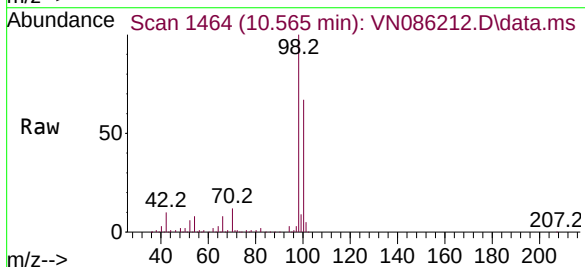
Acq: 02 Apr 2025 16:43

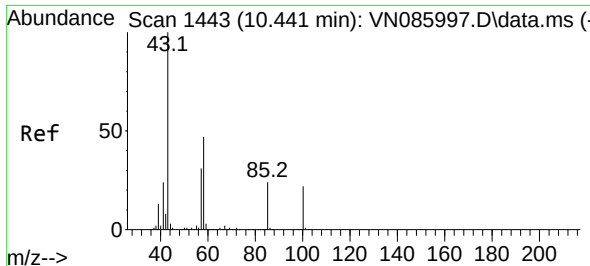
Tgt Ion: 98 Resp: 260882

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

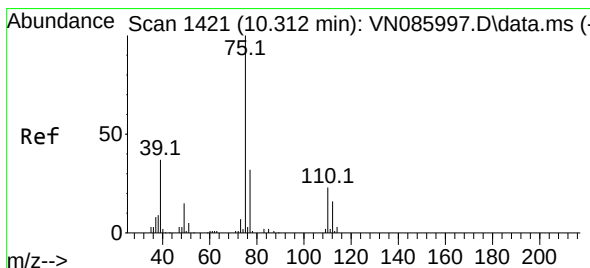
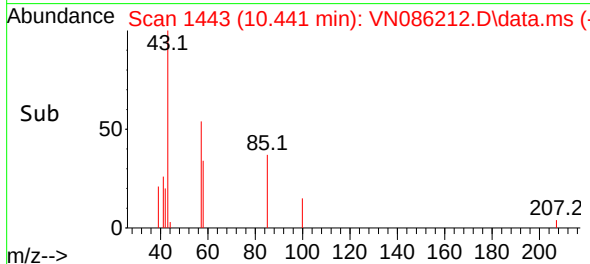
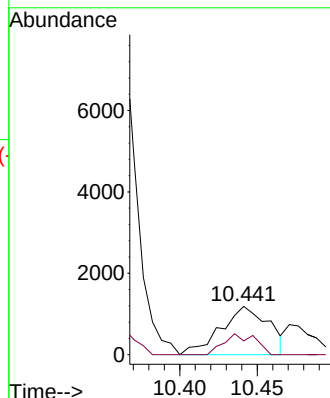
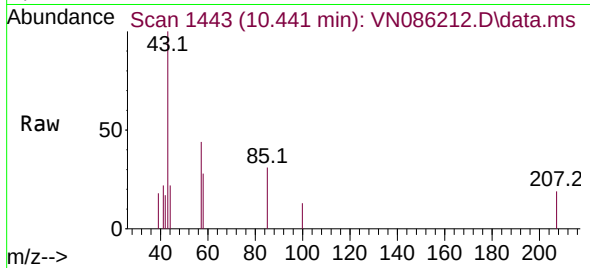




#51
4-Methyl-2-Pentanone
Concen: 1.656 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

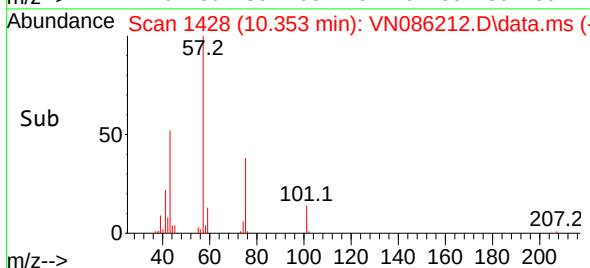
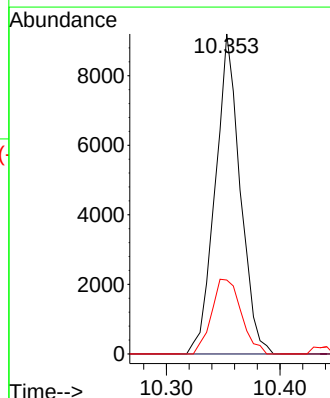
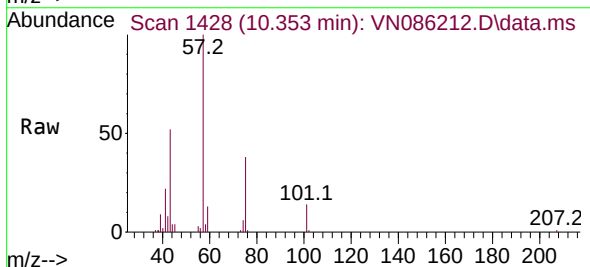
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1

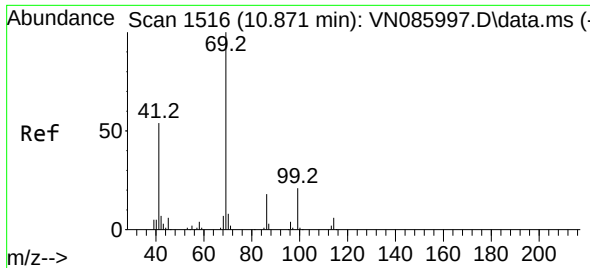
Tgt Ion: 43 Resp: 2541
Ion Ratio Lower Upper
43 100
58 28.7 37.4 56.0#



#54
cis-1,3-Dichloropropene
Concen: 6.128 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.041 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 75 Resp: 14024
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 23.1 29.6 44.4#

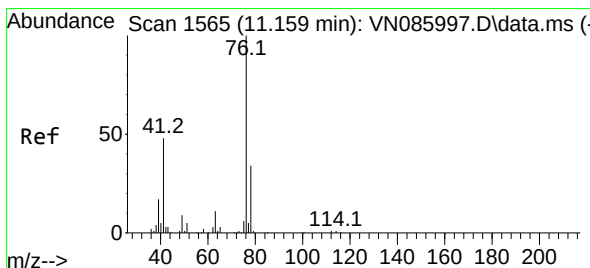
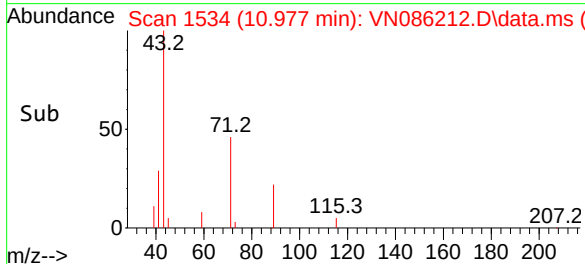
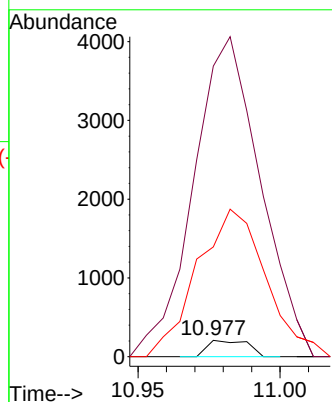
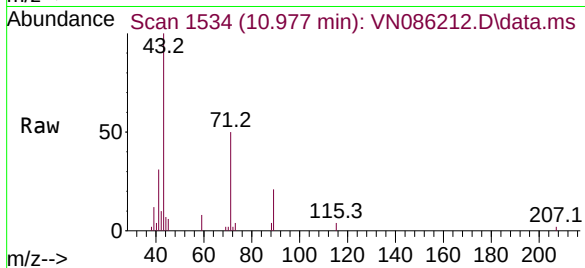




#56
Ethyl methacrylate
Concen: 0.303 ug/l
RT: 10.977 min Scan# 1534
Delta R.T. 0.105 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

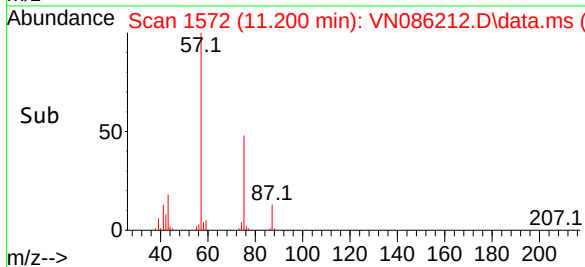
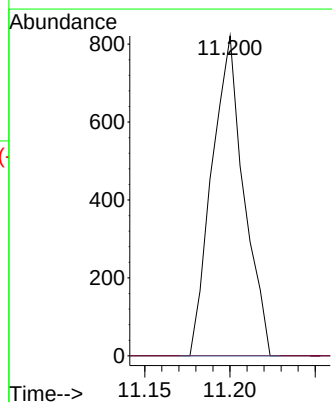
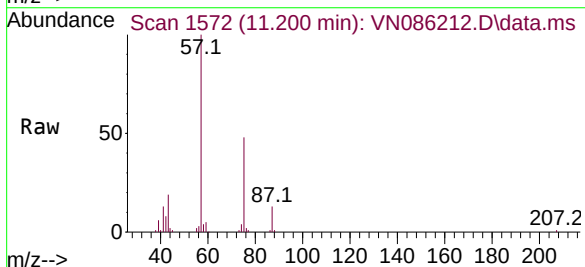
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1

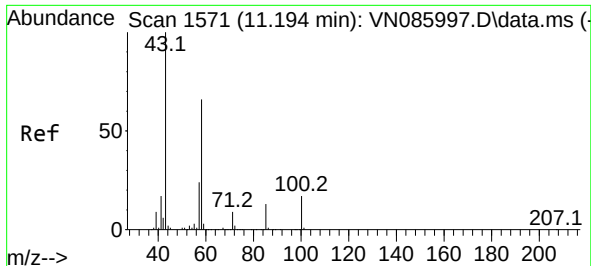
Tgt Ion: 69 Resp: 204
Ion Ratio Lower Upper
69 100
41 3273.5 41.6 62.4#
39 1548.5 21.8 32.8#



#57
1,3-Dichloropropane
Concen: 0.451 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 76 Resp: 1072
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

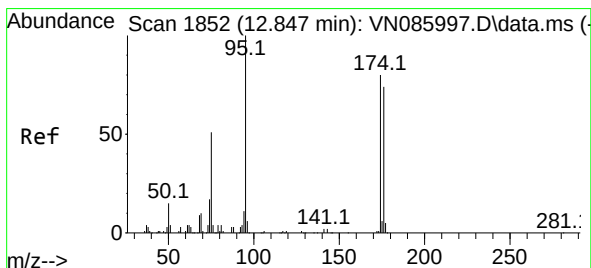
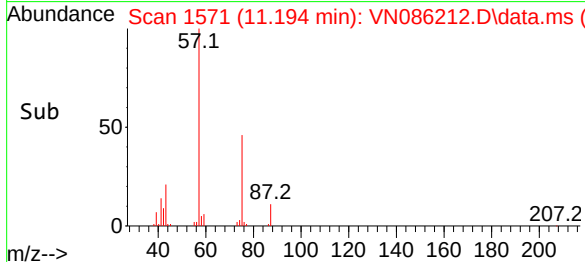
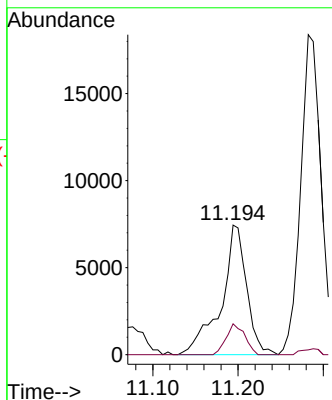
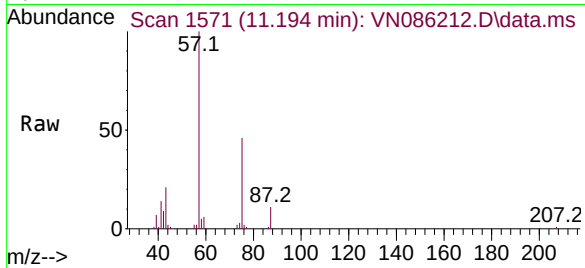




#59
2-Hexanone
Concen: 13.854 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

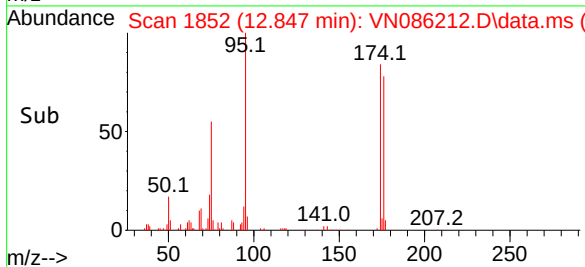
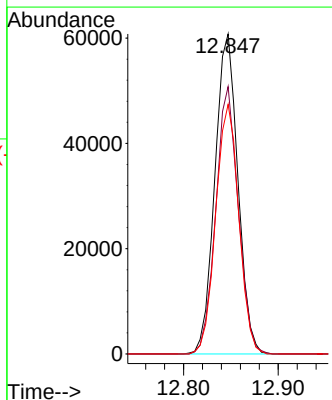
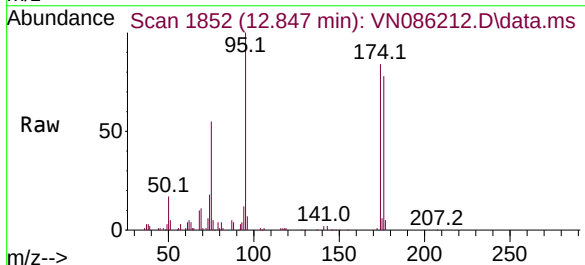
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1

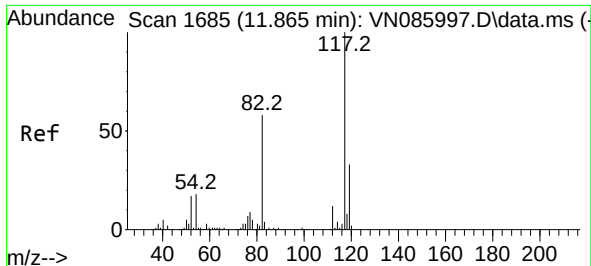
Tgt Ion: 43 Resp: 15488
Ion Ratio Lower Upper
43 100
58 17.4 32.4 97.2#



#62
4-Bromofluorobenzene
Concen: 54.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 95 Resp: 102466
Ion Ratio Lower Upper
95 100
174 81.7 0.0 156.8
176 78.3 0.0 152.2

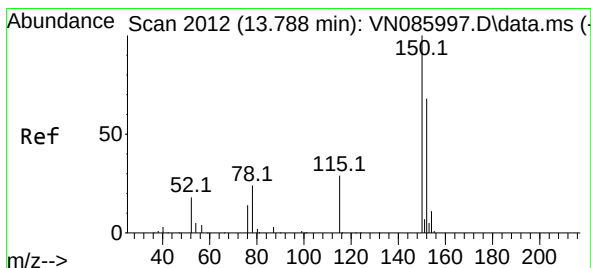
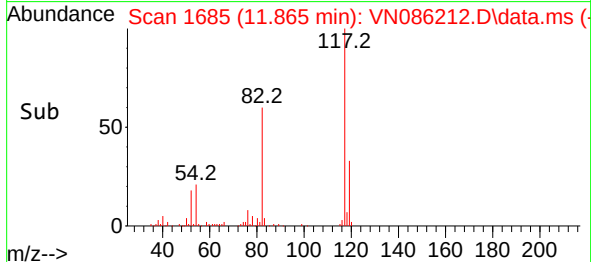
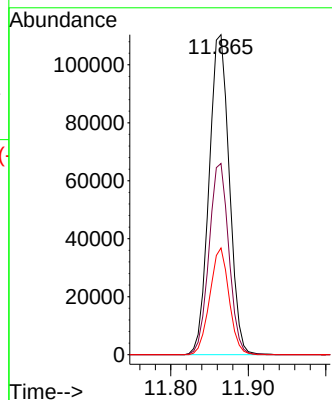
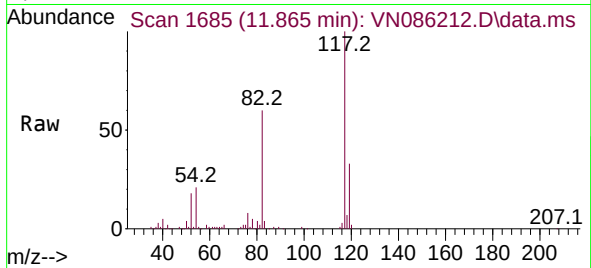




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

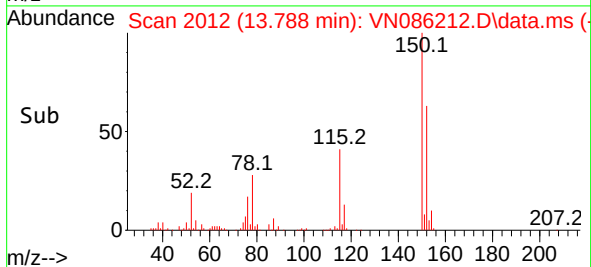
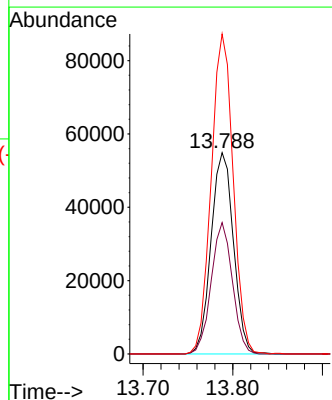
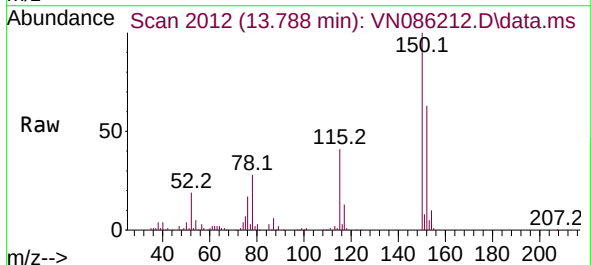
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1

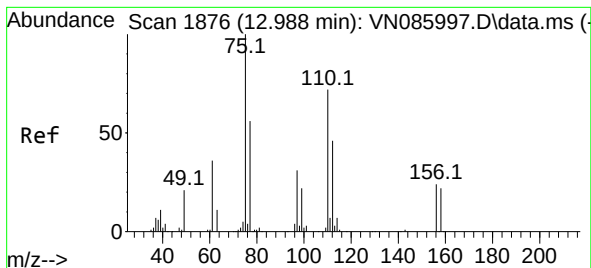
Tgt Ion:117 Resp: 199887
Ion Ratio Lower Upper
117 100
82 59.8 46.7 70.1
119 33.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion:152 Resp: 95085
Ion Ratio Lower Upper
152 100
115 61.9 31.1 93.2
150 155.6 0.0 359.6





#76

1,2,3-Trichloropropane

Concen: 26.491 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

Instrument :

MSVOA_N

ClientSampleId :

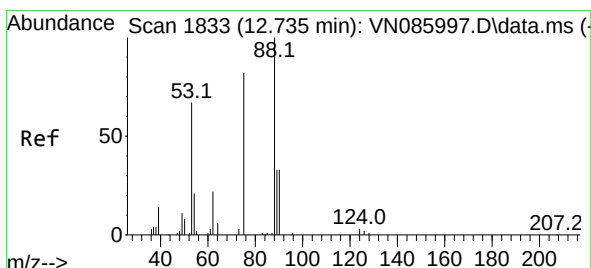
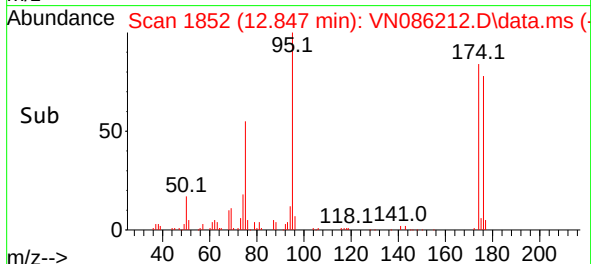
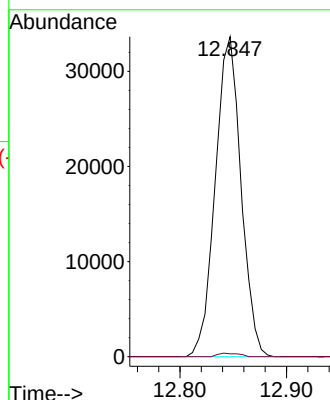
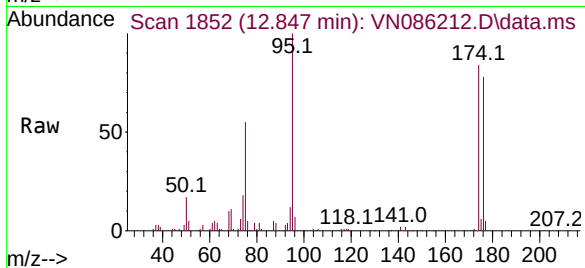
WCS-TP-1

Tgt Ion: 75 Resp: 56393

Ion Ratio Lower Upper

75 100

77 0.9 83.7 251.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.037 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

Tgt Ion: 75 Resp: 56393

Ion Ratio Lower Upper

75 100

53 0.0 66.0 99.0#

89 0.0 36.9 55.3#

