

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085169.D
 Acq On : 10 Dec 2024 16:28
 Operator : JC\MD
 Sample : P5240-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 04:17:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

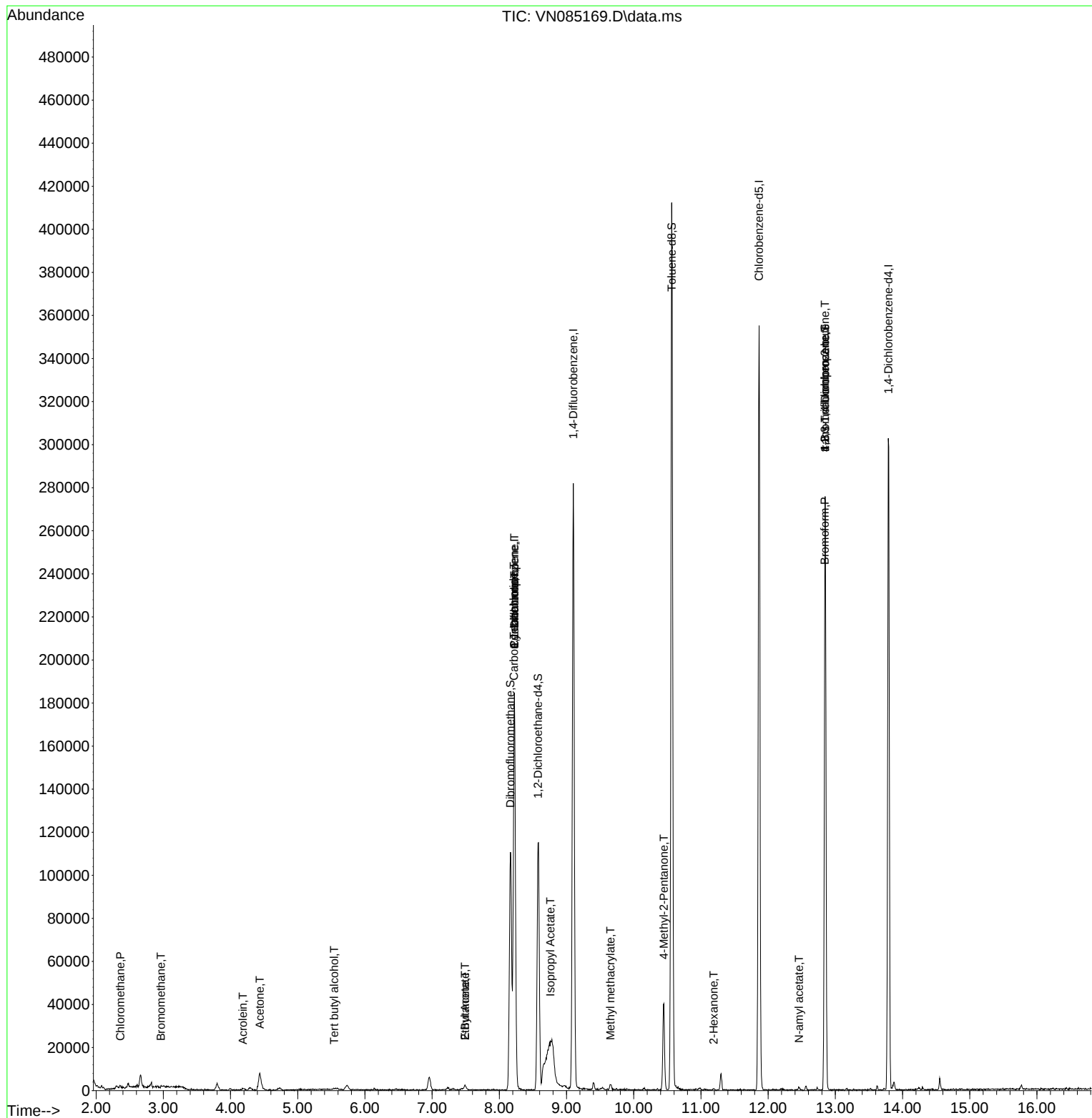
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	129349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	204448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	82722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99898	54.219	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.440%		
35) Dibromofluoromethane	8.165	113	80325	50.138	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.280%		
50) Toluene-d8	10.565	98	283409	49.362	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.720%		
62) 4-Bromofluorobenzene	12.847	95	92782	43.213	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 86.420%		
Target Compounds						Qvalue
3) Chloromethane	2.360	50	842	0.496	ug/l	96
5) Bromomethane	2.965	94	319	0.373	ug/l #	55
11) Tert butyl alcohol	5.542	59	225	0.914	ug/l #	75
13) Acrolein	4.183	56	864	5.259	ug/l #	63
16) Acetone	4.436	43	14452	26.932	ug/l	97
18) Methyl Acetate	5.018	43	555	Below Cal	#	50
25) 2-Butanone	7.489	43	3666	4.179	ug/l #	75
31) Cyclohexane	8.224	56	2792	1.138	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10764	4.960	ug/l #	51
37) Ethyl Acetate	7.489	43	3666	1.858	ug/l #	67
38) Carbon Tetrachloride	8.218	117	13694	5.467	ug/l #	17
43) Isopropyl Acetate	8.759	43	43562	10.631	ug/l #	55
48) Methyl methacrylate	9.653	41	720	0.472	ug/l #	32
51) 4-Methyl-2-Pentanone	10.447	43	27461	14.672	ug/l	96
59) 2-Hexanone	11.188	43	717	0.512	ug/l #	23
71) Bromoform	12.841	173	657	0.542	ug/l #	1
74) N-amyl acetate	12.459	43	1200	0.499	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	49489	32.891	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	49489	72.609	ug/l #	10

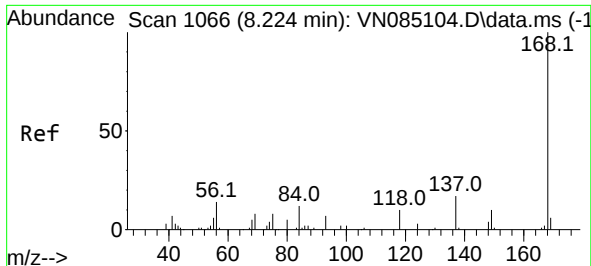
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
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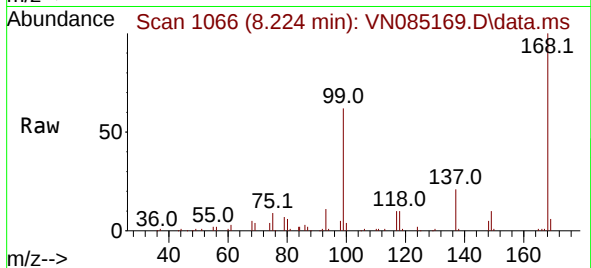
Quant Time: Dec 11 04:17:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



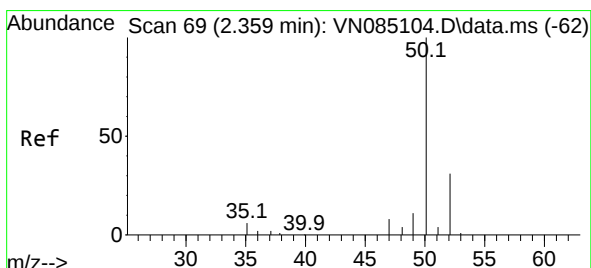
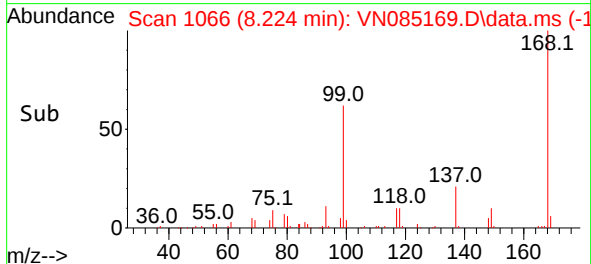
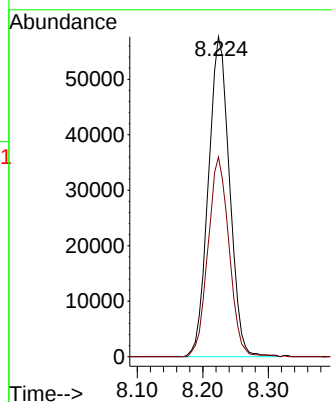


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :

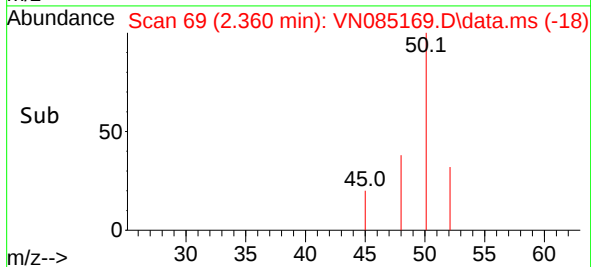
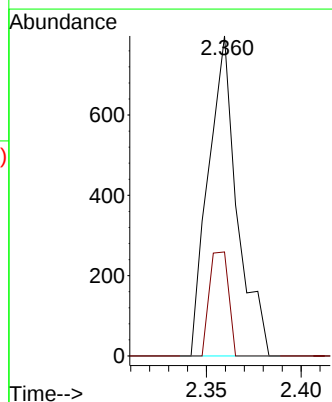
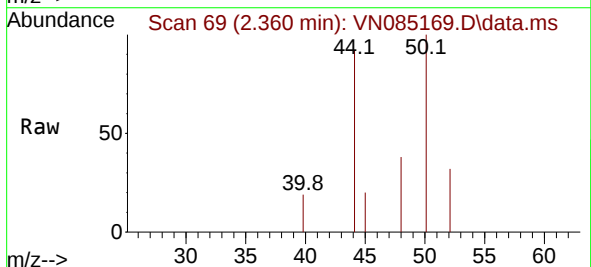


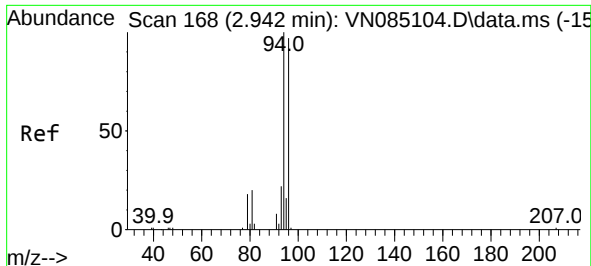
Tgt Ion:168 Resp: 129349
Ion Ratio Lower Upper
168 100
99 62.4 51.2 76.8



#3
Chloromethane
Concen: 0.496 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Tgt Ion: 50 Resp: 842
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.8

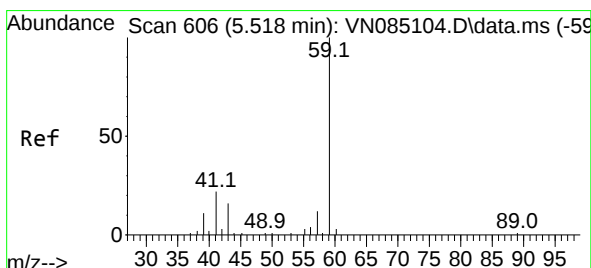
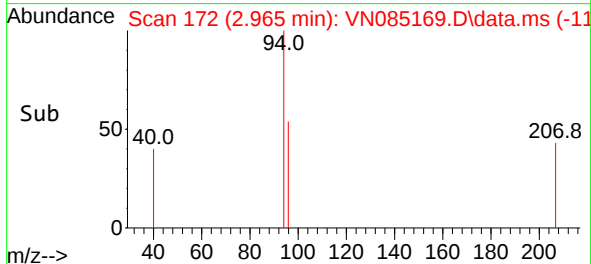
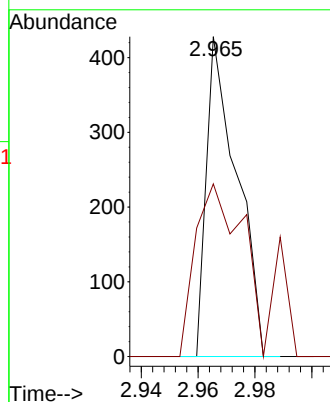
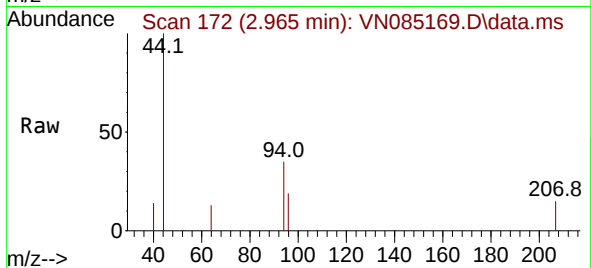




#5
Bromomethane
Concen: 0.373 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

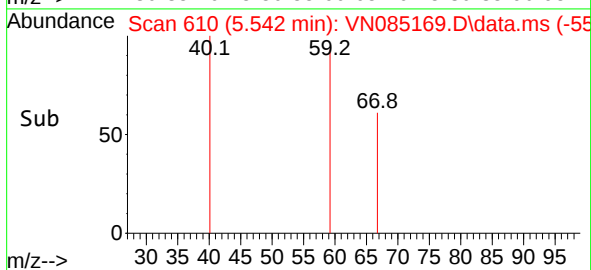
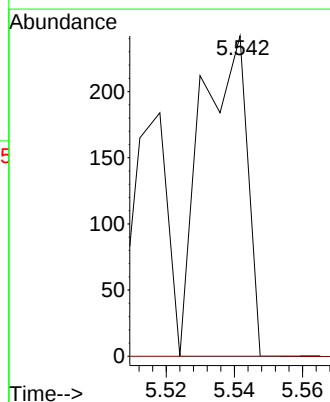
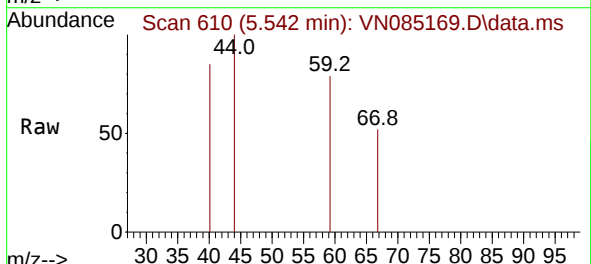
Instrument :
MSVOA_N
ClientSampleId :

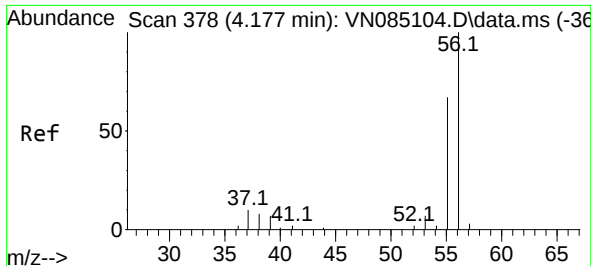
Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 54.0 78.7 118.1#



#11
Tert butyl alcohol
Concen: 0.914 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

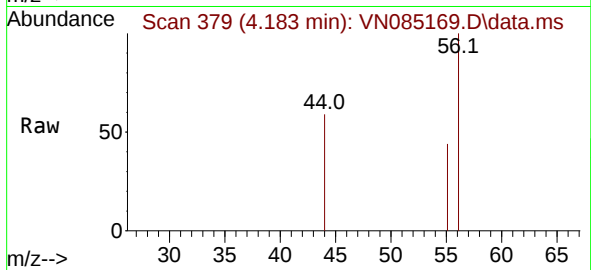
Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



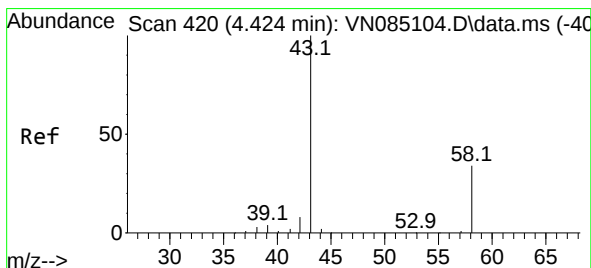
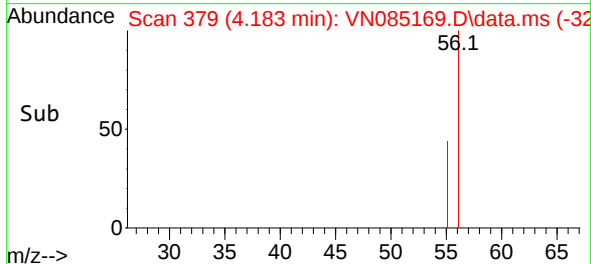
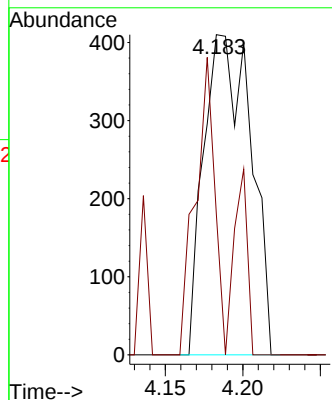


#13
Acrolein
Concen: 5.259 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :

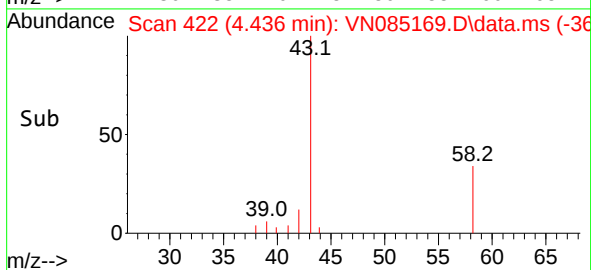
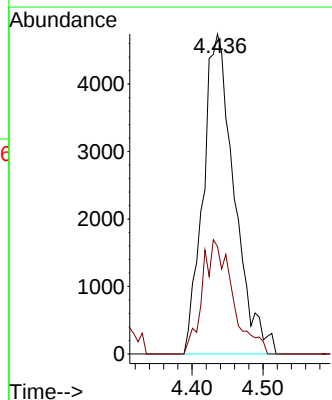
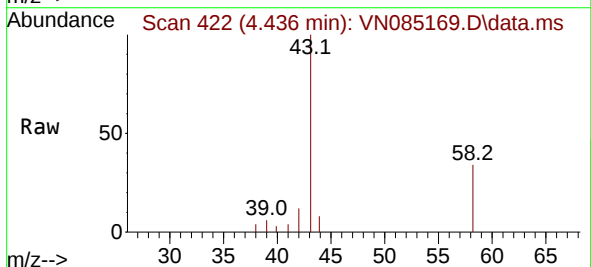


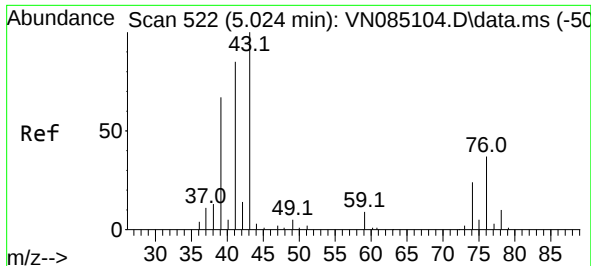
Tgt Ion: 56 Resp: 864
Ion Ratio Lower Upper
56 100
55 38.3 54.5 81.7#



#16
Acetone
Concen: 26.932 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

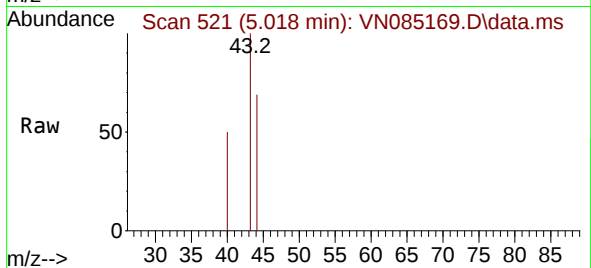
Tgt Ion: 43 Resp: 14452
Ion Ratio Lower Upper
43 100
58 33.6 25.4 38.2



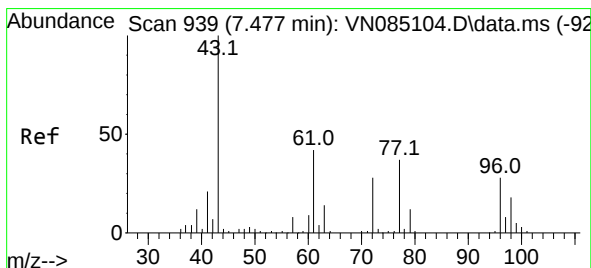
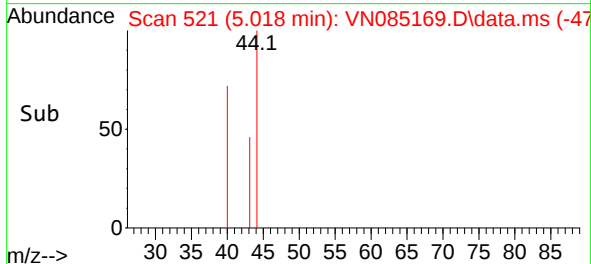
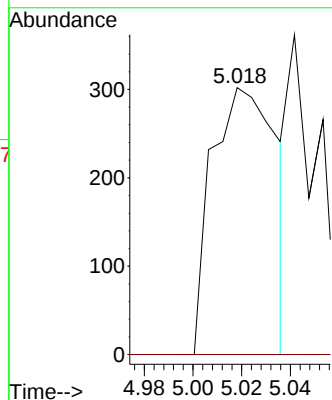


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :

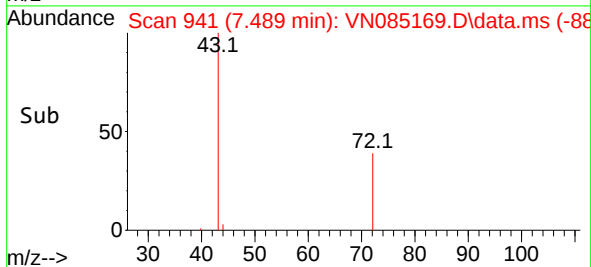
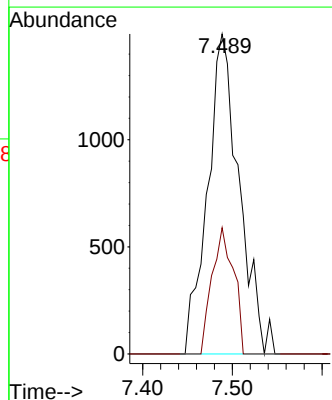
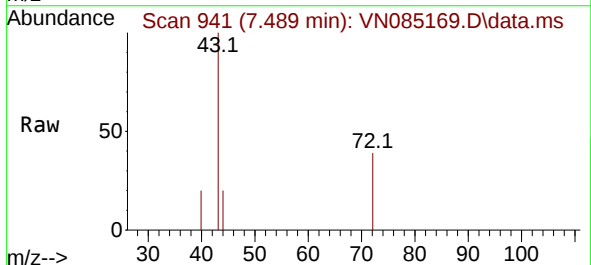


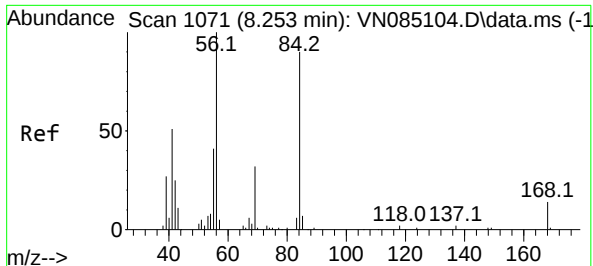
Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#25
2-Butanone
Concen: 4.179 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

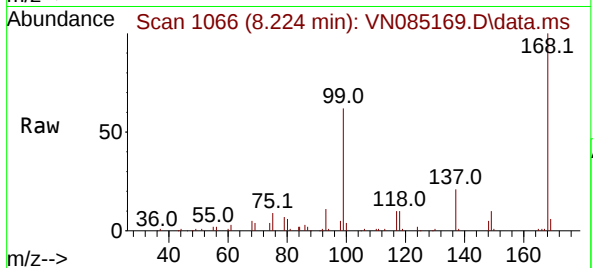
Tgt Ion: 43 Resp: 3666
Ion Ratio Lower Upper
43 100
72 39.4 21.4 32.0#





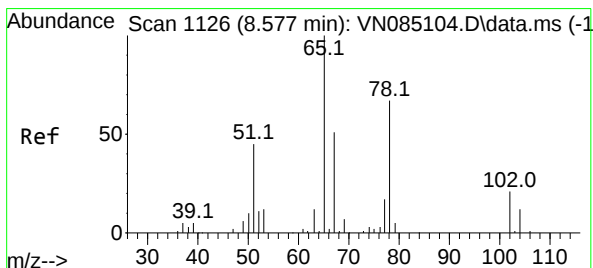
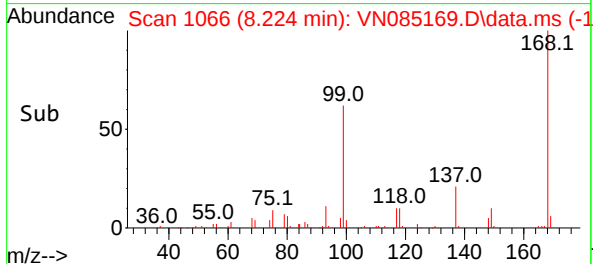
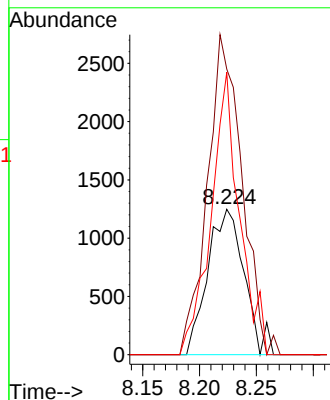
#31
Cyclohexane
Concen: 1.138 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 56 Resp: 2792

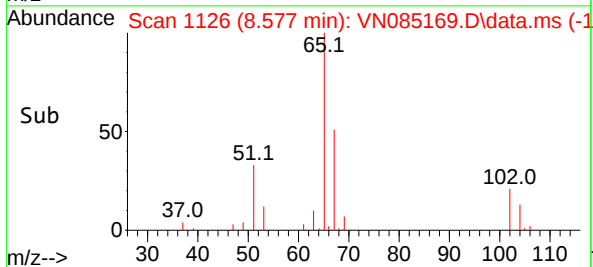
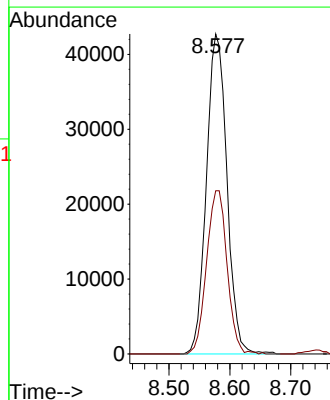
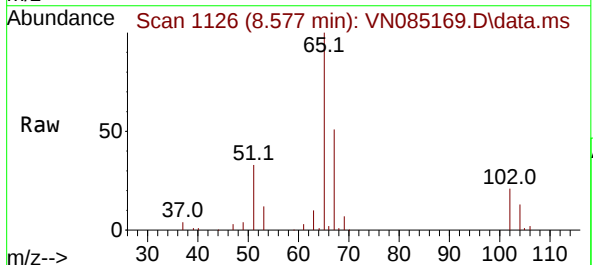
Ion	Ratio	Lower	Upper
56	100		
69	196.4	24.6	36.8#
84	194.2	71.4	107.2#

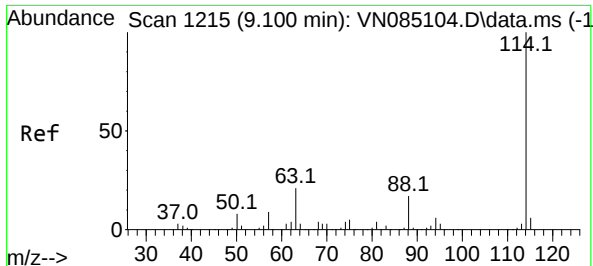


#33
1,2-Dichloroethane-d4
Concen: 54.219 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Tgt Ion: 65 Resp: 99898

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085169.D

Acq: 10 Dec 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

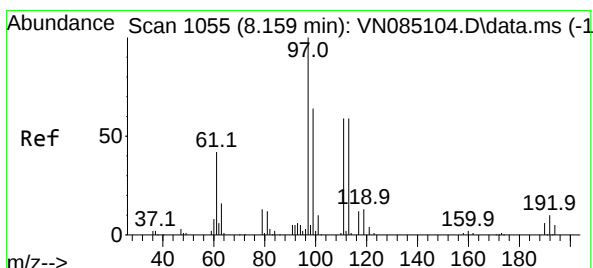
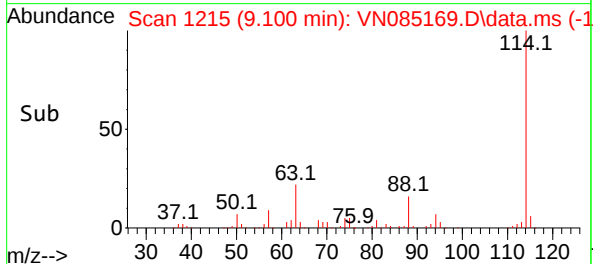
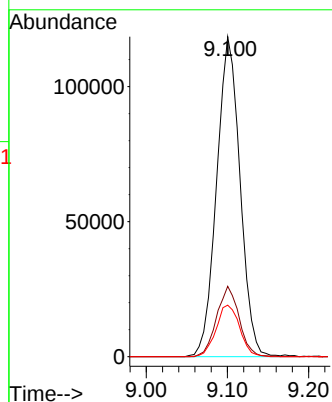
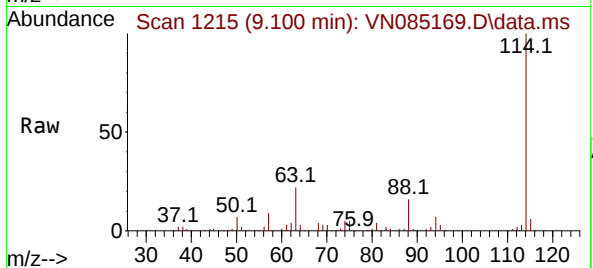
Tgt Ion:114 Resp: 237566

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.0

88 16.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.138 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085169.D

Acq: 10 Dec 2024 16:28

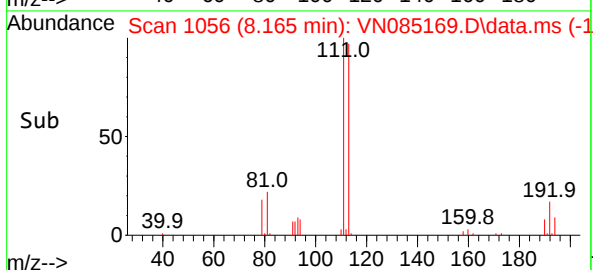
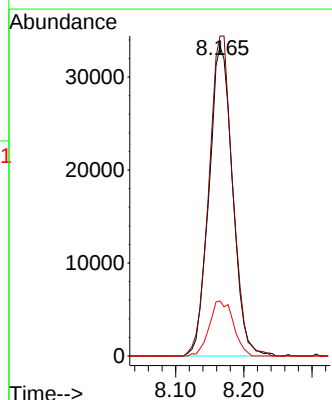
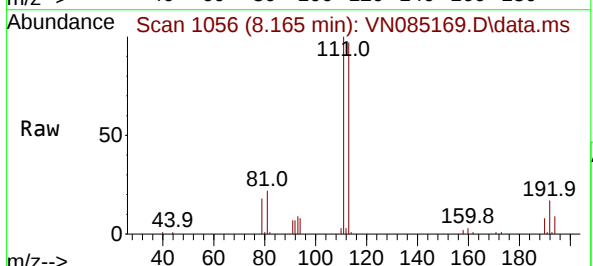
Tgt Ion:113 Resp: 80325

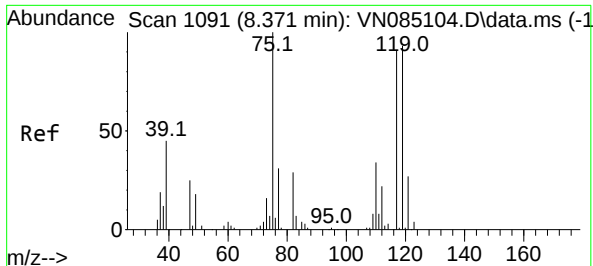
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 18.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.960 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

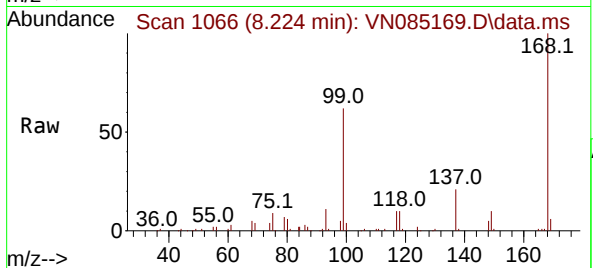
Lab File: VN085169.D

Acq: 10 Dec 2024 16:28

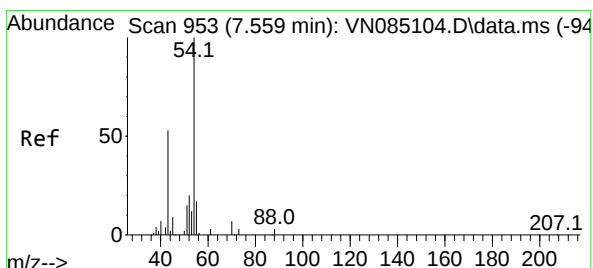
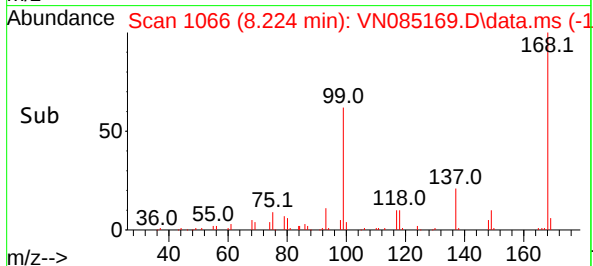
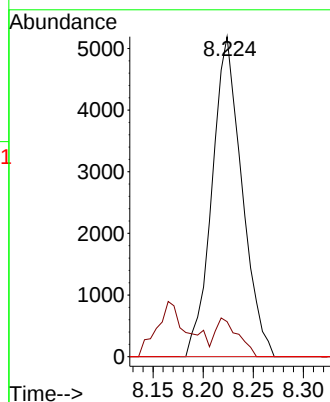
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	10764
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.2	51.6#
77	0.0	24.2	36.4#



#37

Ethyl Acetate

Concen: 1.858 ug/l

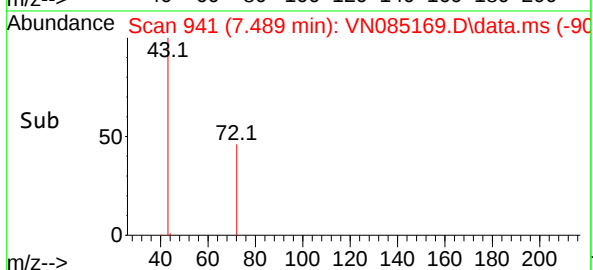
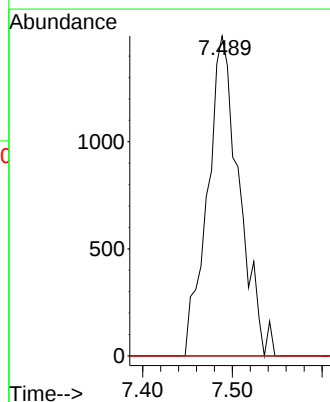
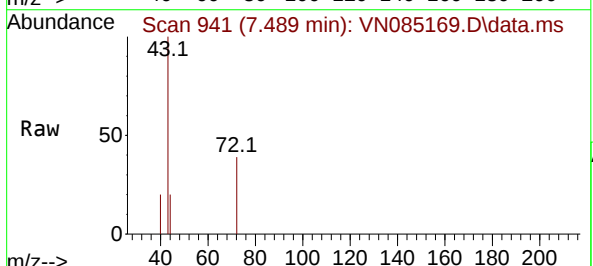
RT: 7.489 min Scan# 941

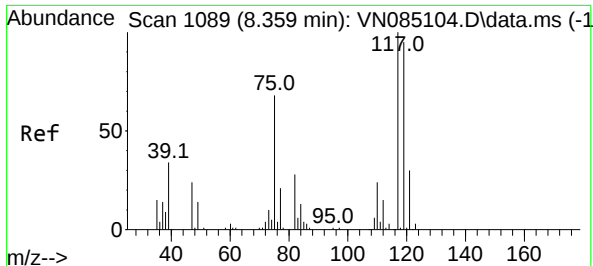
Delta R.T. -0.065 min

Lab File: VN085169.D

Acq: 10 Dec 2024 16:28

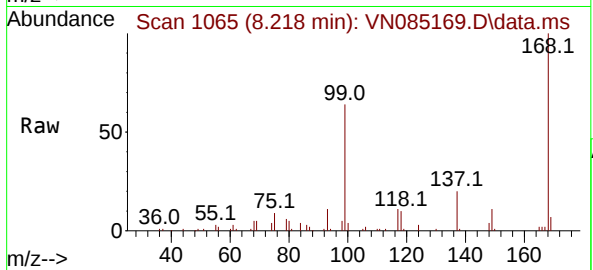
Tgt Ion:	43	Resp:	3666
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	9.3	13.9#



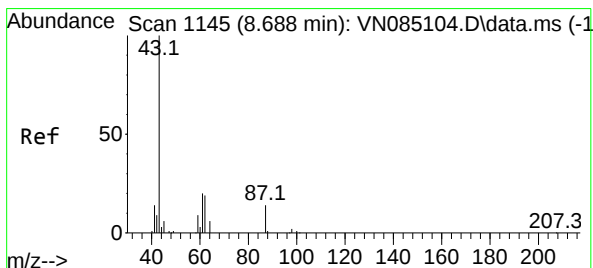
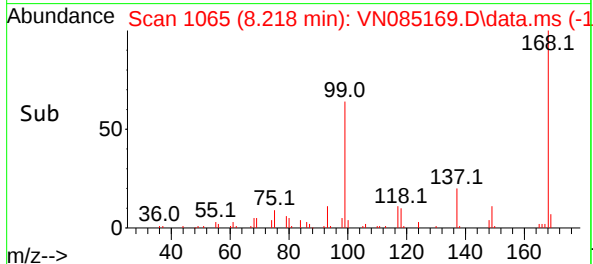
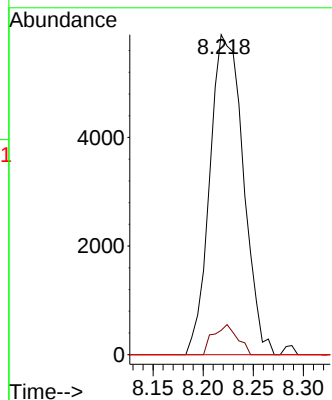


#38
Carbon Tetrachloride
Concen: 5.467 ug/l
RT: 8.218 min Scan# 1157
Delta R.T. -0.135 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :

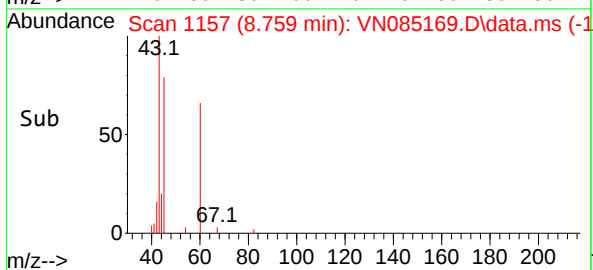
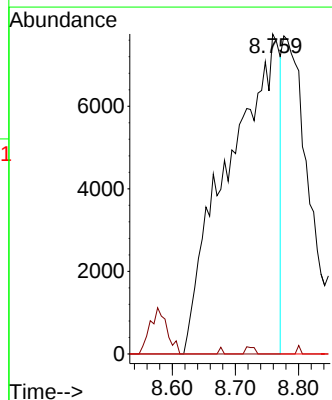
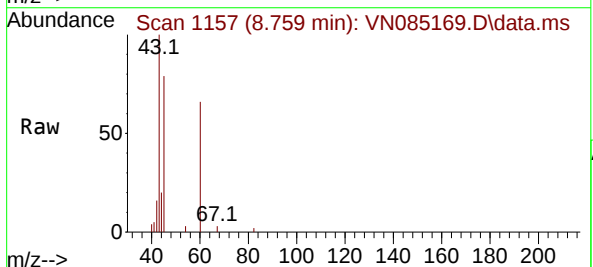


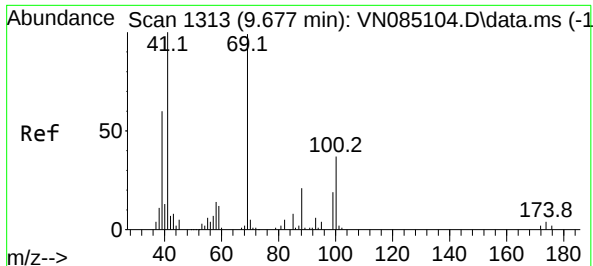
Tgt Ion:117 Resp: 13694
Ion Ratio Lower Upper
117 100
119 7.6 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 10.631 ug/l
RT: 8.759 min Scan# 1157
Delta R.T. 0.076 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Tgt Ion: 43 Resp: 43562
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#





#48

Methyl methacrylate

Concen: 0.472 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.024 min

Lab File: VN085169.D

Acq: 10 Dec 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

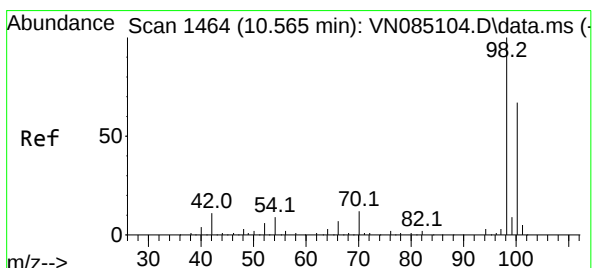
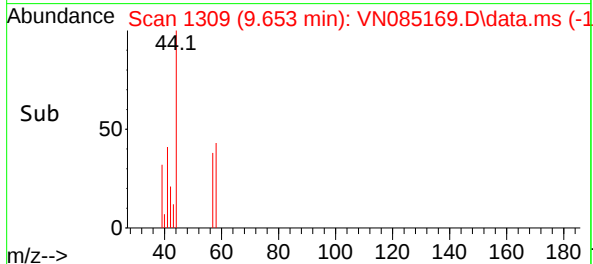
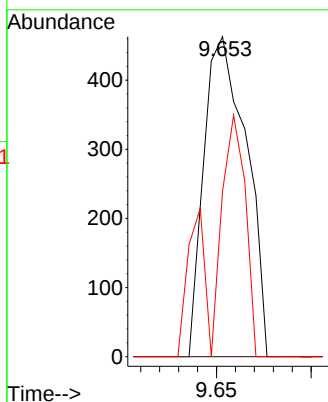
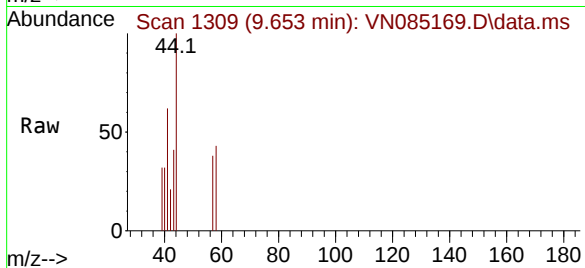
Tgt Ion: 41 Resp: 720

Ion Ratio Lower Upper

41 100

69 0.0 73.2 109.8#

39 41.3 46.2 69.4#



#50

Toluene-d8

Concen: 49.362 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085169.D

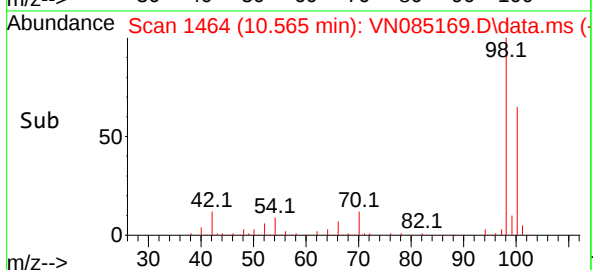
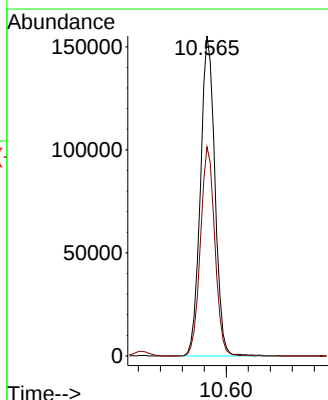
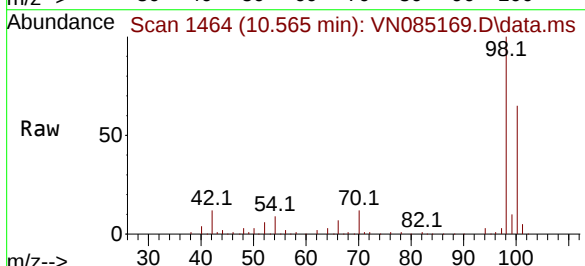
Acq: 10 Dec 2024 16:28

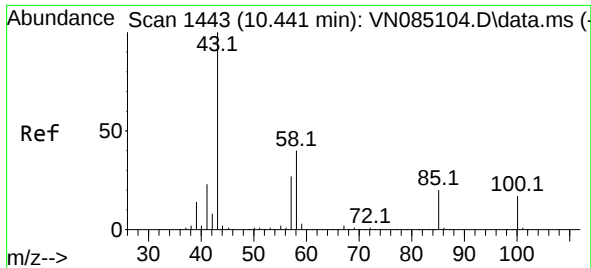
Tgt Ion: 98 Resp: 283409

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7

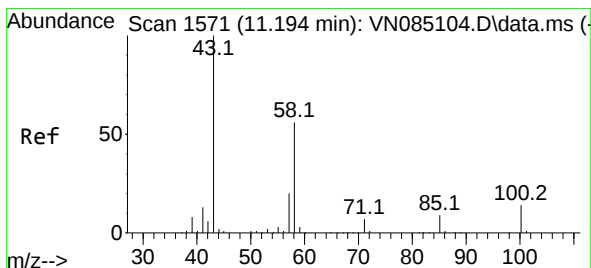
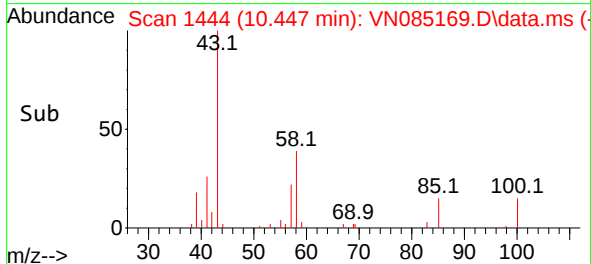
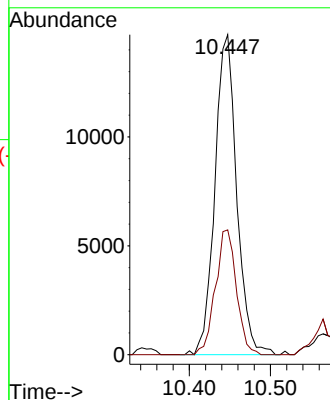
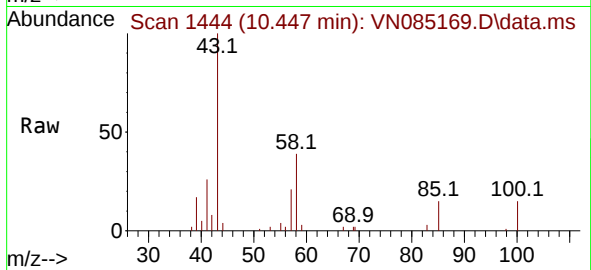




#51
4-Methyl-2-Pentanone
Concen: 14.672 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

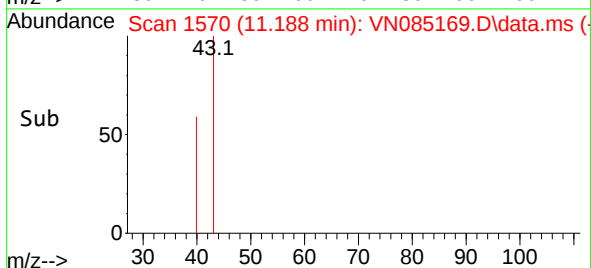
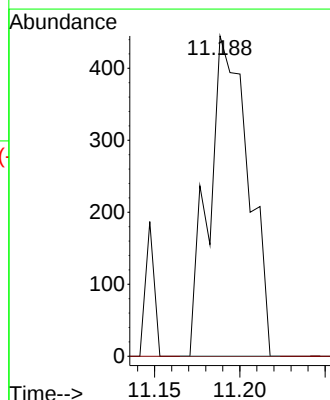
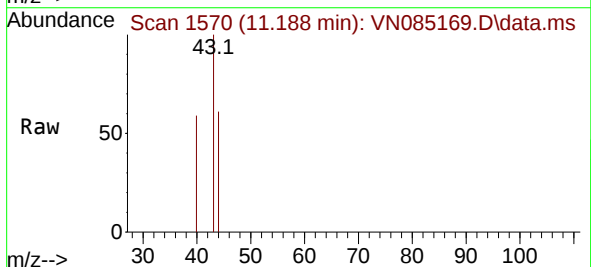
Instrument :
MSVOA_N
ClientSampleId :

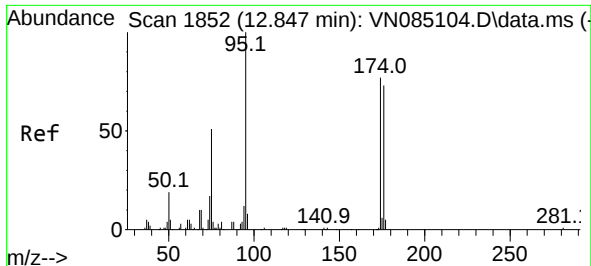
Tgt Ion: 43 Resp: 27461
Ion Ratio Lower Upper
43 100
58 37.6 32.1 48.1



#59
2-Hexanone
Concen: 0.512 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 0.0 28.3 85.0#

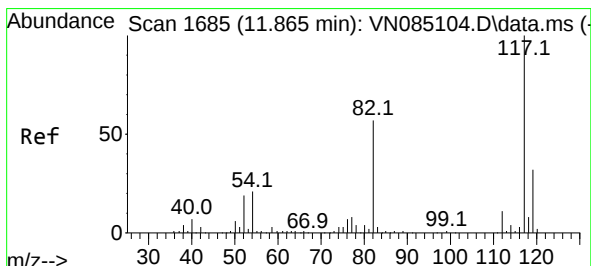
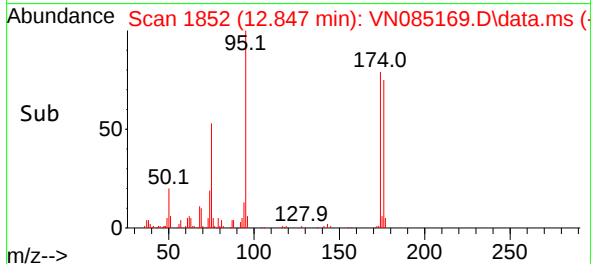
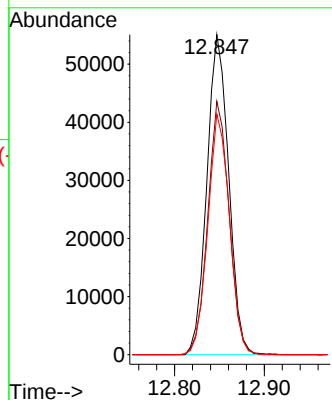
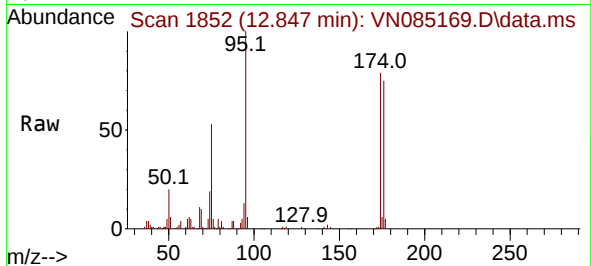




#62
4-Bromofluorobenzene
Concen: 43.213 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

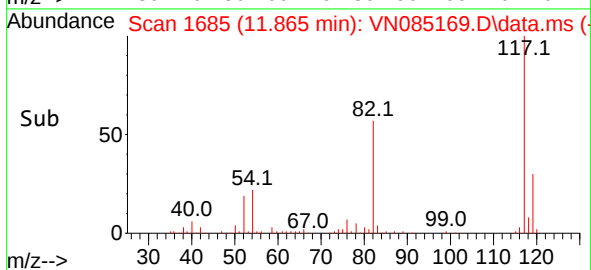
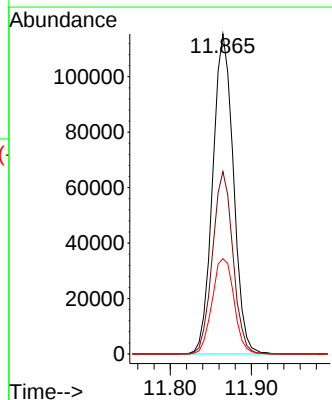
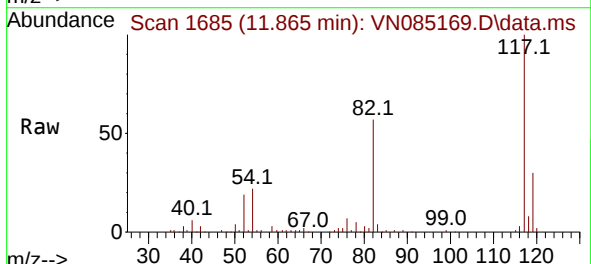
Instrument :
MSVOA_N
ClientSampleId :

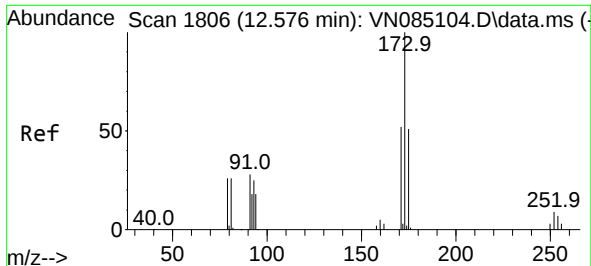
Tgt Ion: 95 Resp: 92782
Ion Ratio Lower Upper
95 100
174 77.7 0.0 146.6
176 74.8 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

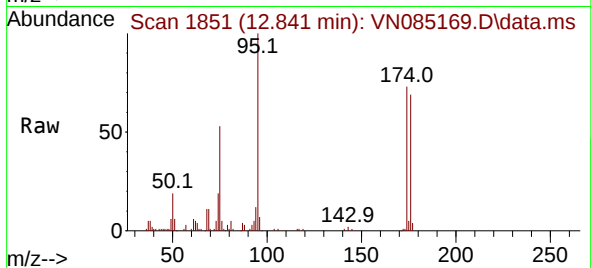
Tgt Ion: 117 Resp: 204448
Ion Ratio Lower Upper
117 100
82 57.0 46.0 69.0
119 29.8 25.6 38.4



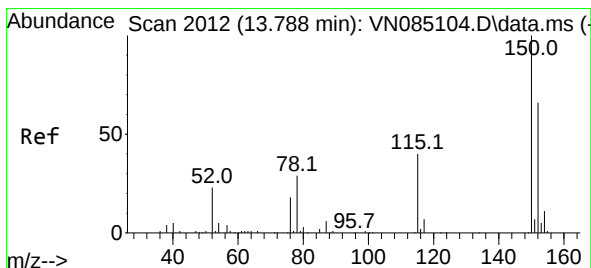
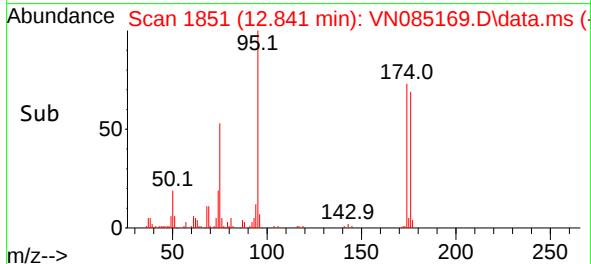
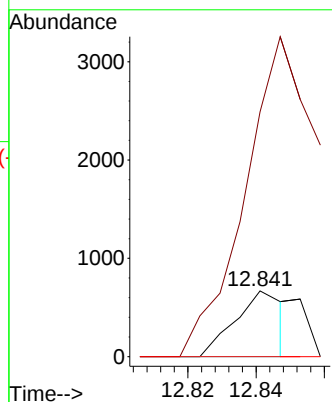


#71
Bromoform
Concen: 0.542 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :

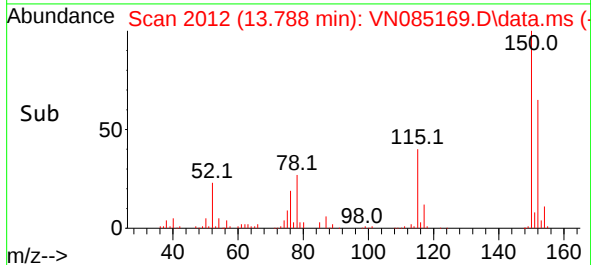
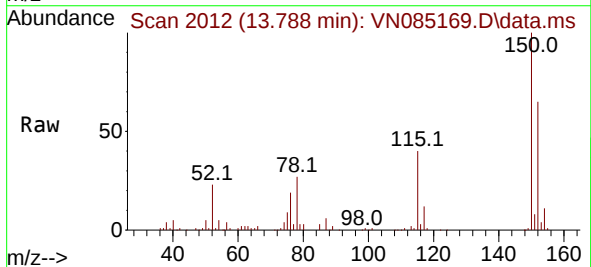
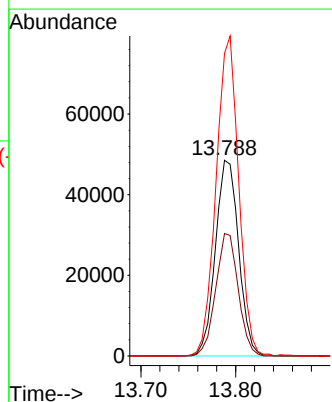


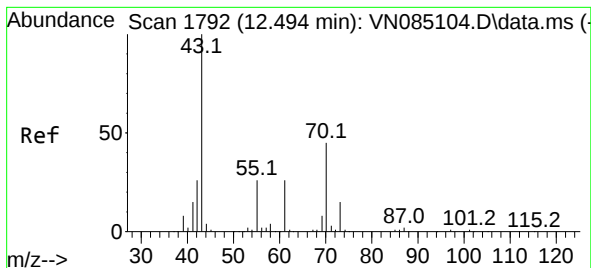
Tgt Ion:173 Resp: 657
Ion Ratio Lower Upper
173 100
175 579.8 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085169.D
Acq: 10 Dec 2024 16:28

Tgt Ion:152 Resp: 82722
Ion Ratio Lower Upper
152 100
115 60.6 31.7 95.1
150 158.5 0.0 351.4





#74

N-amyl acetate

Concen: 0.499 ug/l

RT: 12.459 min Scan# 11

Delta R.T. -0.035 min

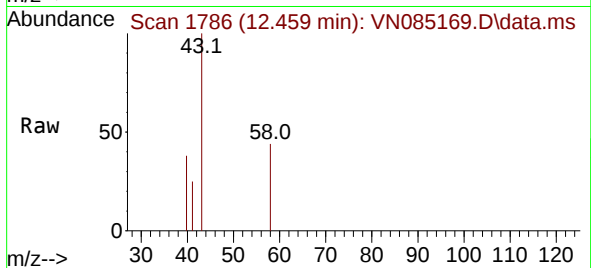
Lab File: VN085169.D

Acq: 10 Dec 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 1200

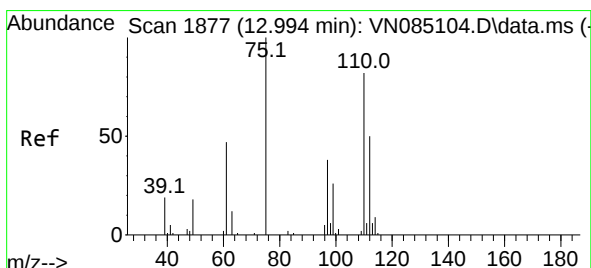
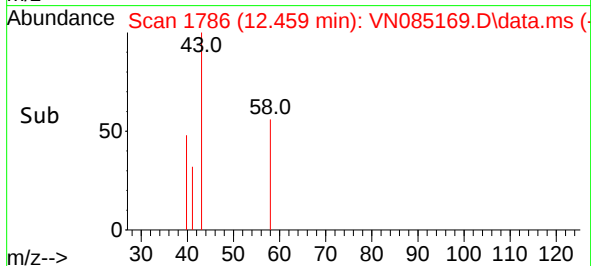
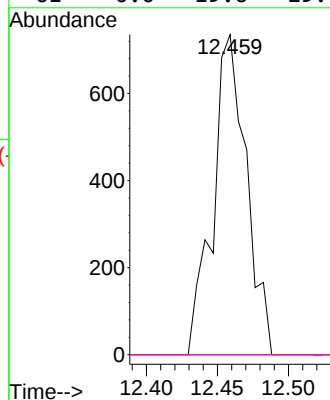
Ion Ratio Lower Upper

43 100

70 0.0 34.6 51.8#

55 0.0 20.5 30.7#

61 0.0 19.6 29.4#



#76

1,2,3-Trichloropropane

Concen: 32.891 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085169.D

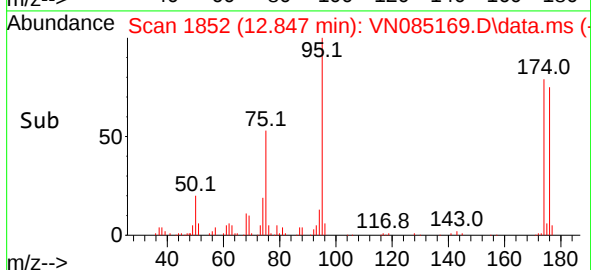
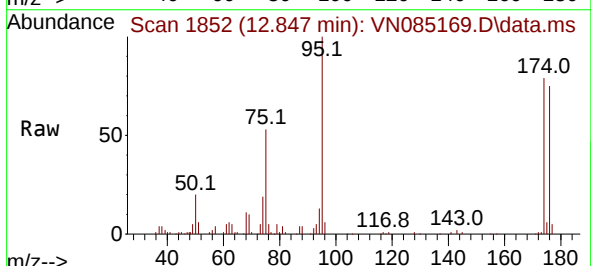
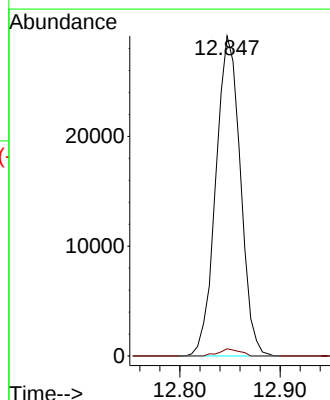
Acq: 10 Dec 2024 16:28

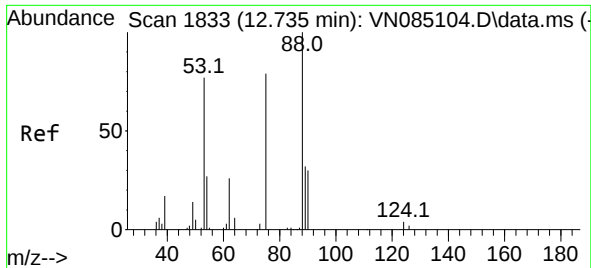
Tgt Ion: 75 Resp: 49489

Ion Ratio Lower Upper

75 100

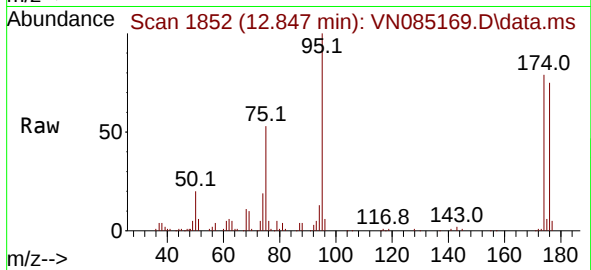
77 1.9 109.1 327.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.609 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085169.D
 Acq: 10 Dec 2024 16:28

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 49489
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.4#
 89 0.0 37.9 56.9#

