

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083600.D
 Acq On : 31 Aug 2024 07:21
 Operator : JC\MD
 Sample : P3769-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 00:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

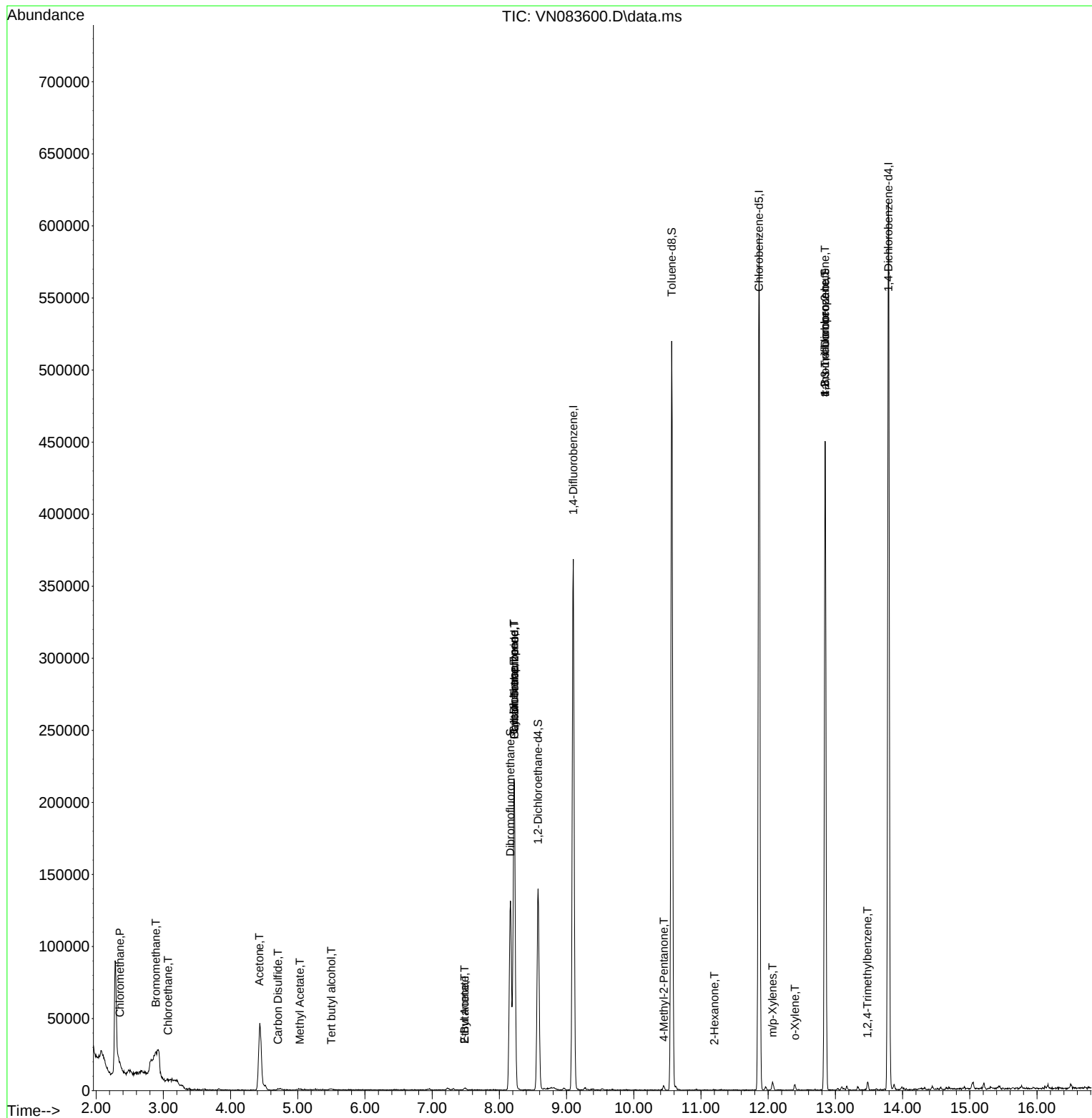
Internal Standards						
1) Pentafluorobenzene	8.224	168	147167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	161029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118368	57.550	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.100%
35) Dibromofluoromethane	8.165	113	92893	51.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	10.565	98	341381	48.266	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.847	95	156661	59.809	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	971	0.535	ug/l #	41
5) Bromomethane	2.889	94	192	0.201	ug/l	81
6) Chloroethane	3.071	64	671	0.565	ug/l #	45
11) Tert butyl alcohol	5.500	59	655	2.042	ug/l #	71
16) Acetone	4.430	43	7457	9.092	ug/l	93
17) Carbon Disulfide	4.706	76	1061	0.226	ug/l #	75
18) Methyl Acetate	5.030	43	1518	0.696	ug/l #	61
25) 2-Butanone	7.483	43	2125	1.903	ug/l	97
31) Cyclohexane	8.218	56	3702	1.164	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13755	4.966	ug/l #	51
37) Ethyl Acetate	7.483	43	2125	0.771	ug/l #	85
38) Carbon Tetrachloride	8.224	117	16476	5.214	ug/l #	16
43) Isopropyl Acetate	8.683	43	97	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.447	43	2296	0.896	ug/l	92
59) 2-Hexanone	11.200	43	401	0.209	ug/l #	24
68) m/p-Xylenes	12.065	106	2112	0.432	ug/l	84
69) o-Xylene	12.400	106	1301	0.276	ug/l	91
76) 1,2,3-Trichloropropane	12.847	75	87043	26.773	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	87043	63.146	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.476	105	3831	0.347	ug/l	96

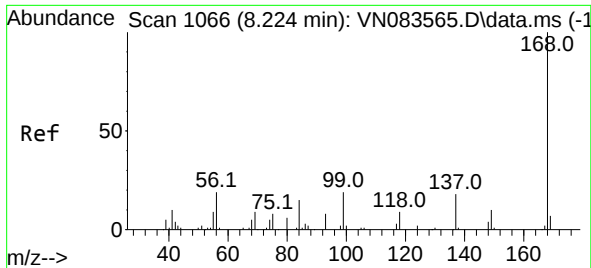
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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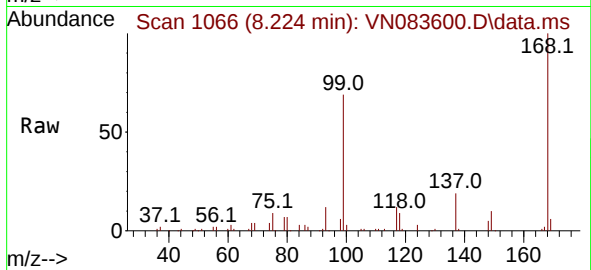
Quant Time: Sep 02 00:59:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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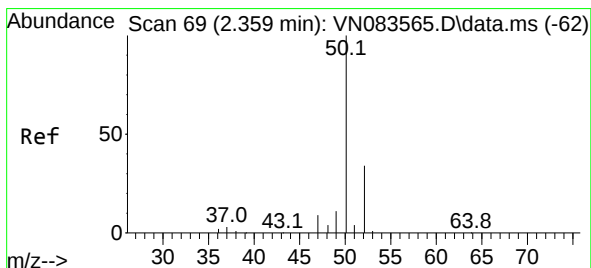
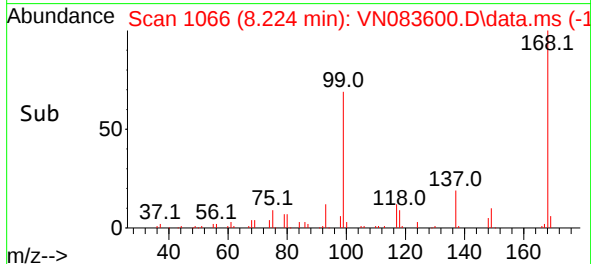
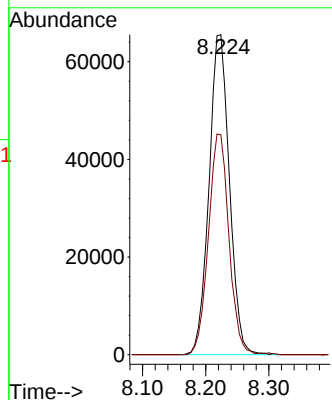


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Instrument :
MSVOA_N
ClientSampleId :

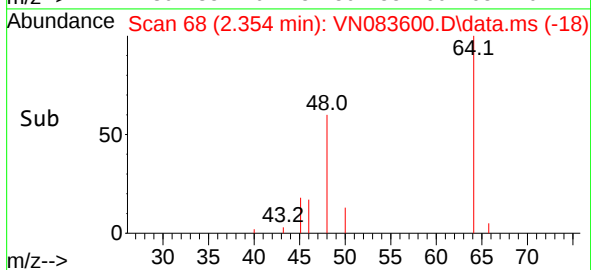
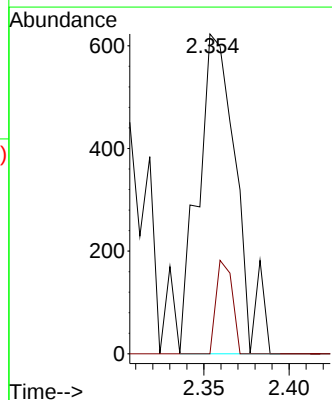
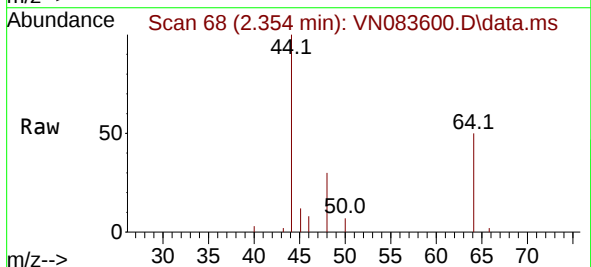


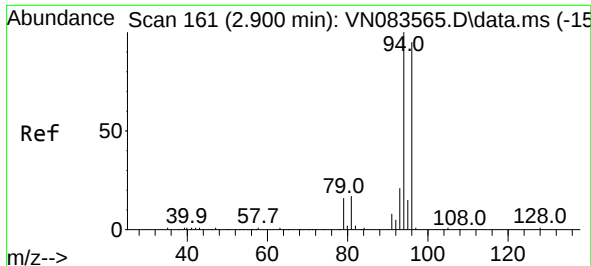
Tgt Ion:168 Resp: 147167
Ion Ratio Lower Upper
168 100
99 68.7 54.2 81.2



#3
Chloromethane
Concen: 0.535 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion: 50 Resp: 971
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

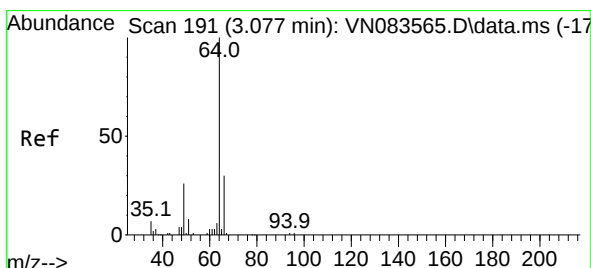
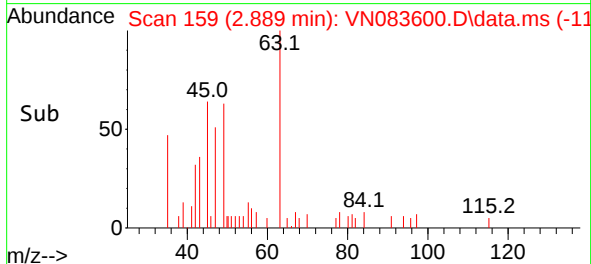
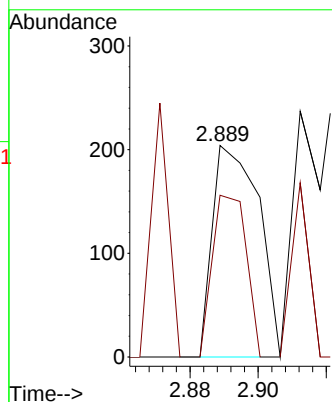
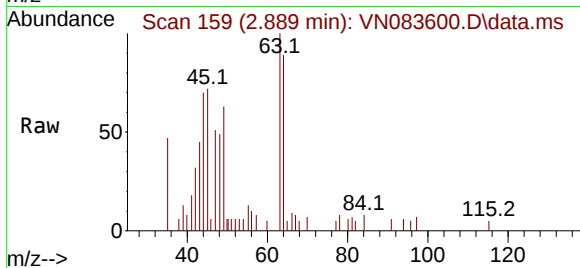




#5
Bromomethane
Concen: 0.201 ug/l
RT: 2.889 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

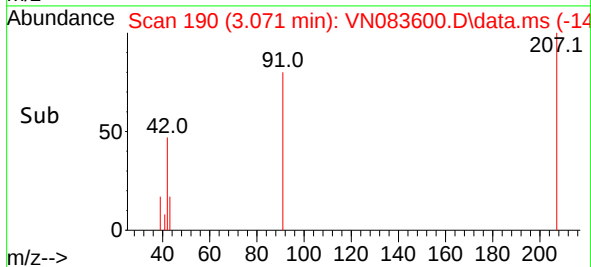
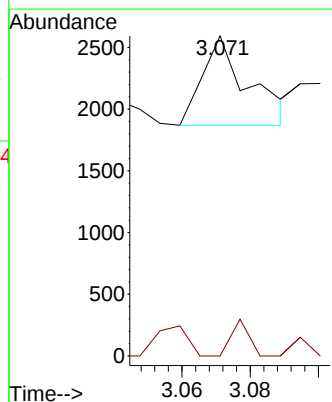
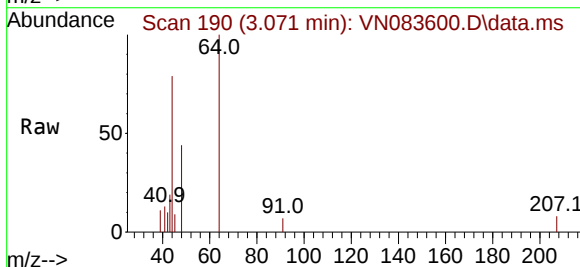
Instrument :
MSVOA_N
ClientSampleId :

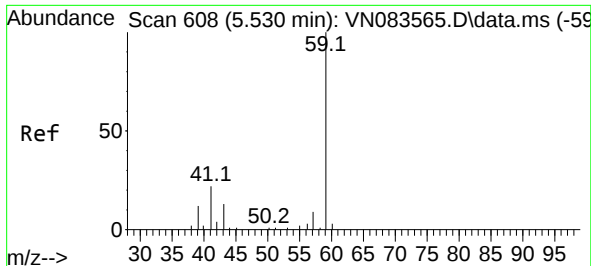
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 76.5 76.0 114.0



#6
Chloroethane
Concen: 0.565 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion: 64 Resp: 671
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#

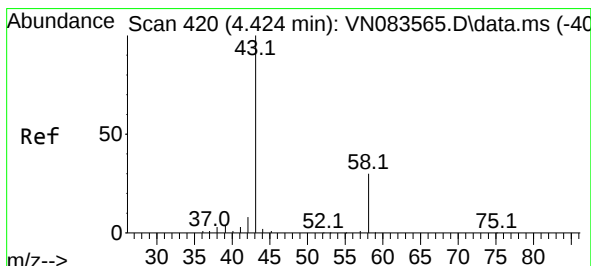
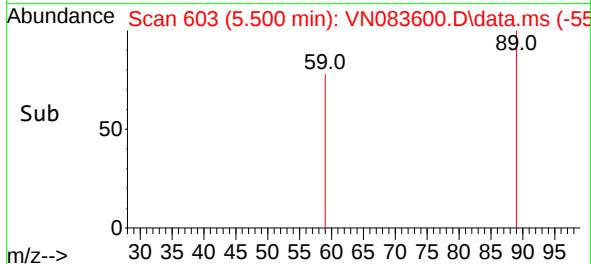
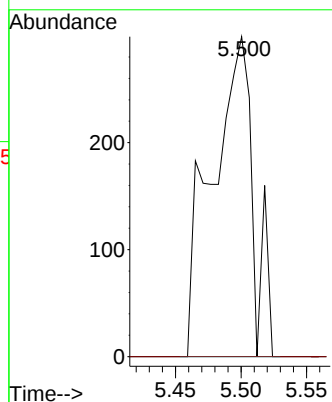
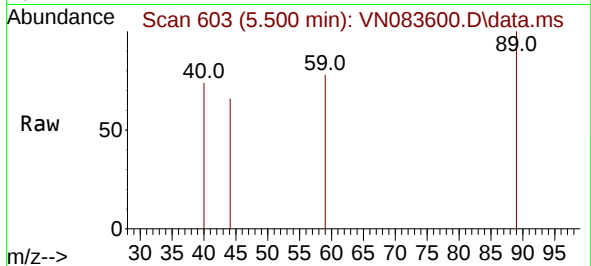




#11
Tert butyl alcohol
Concen: 2.042 ug/l
RT: 5.500 min Scan# 608
Delta R.T. -0.029 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

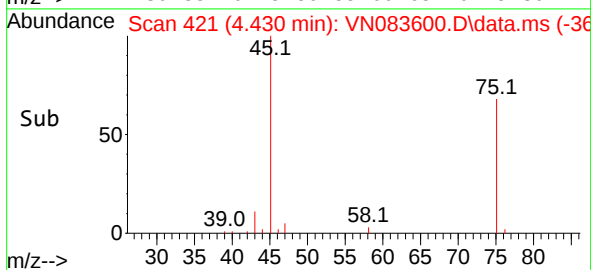
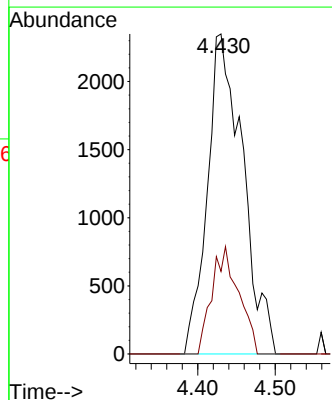
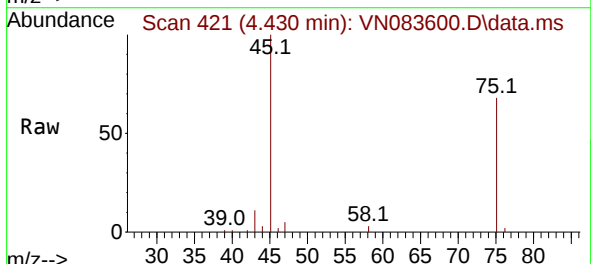
Instrument :
MSVOA_N
ClientSampleId :

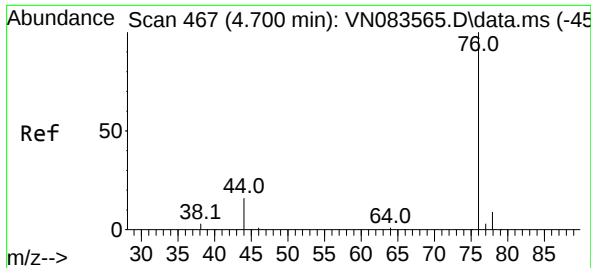
Tgt Ion: 59 Resp: 655
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 9.092 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion: 43 Resp: 7457
Ion Ratio Lower Upper
43 100
58 25.8 23.7 35.5

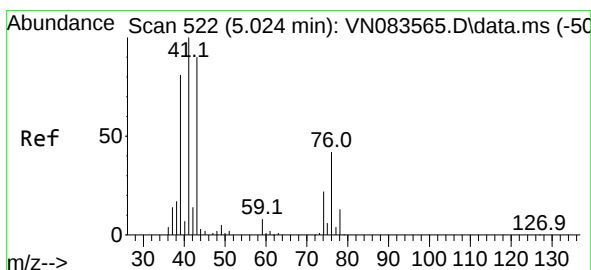
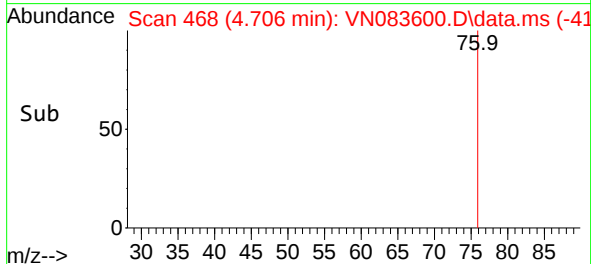
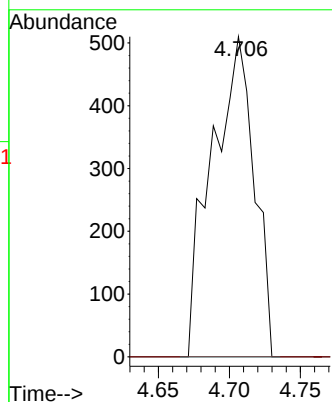
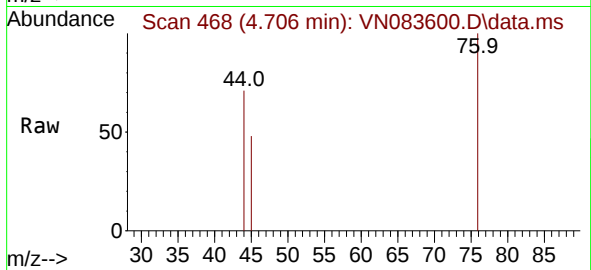




#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

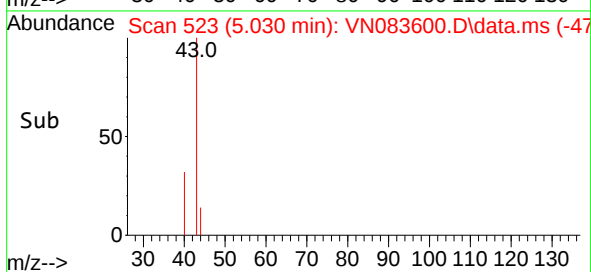
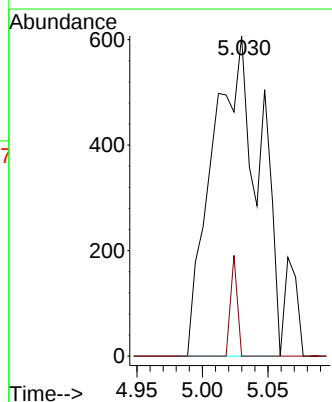
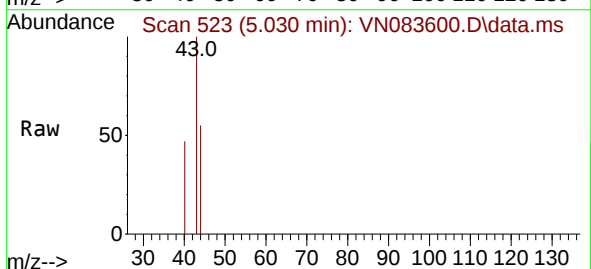
Instrument :
MSVOA_N
ClientSampleId :

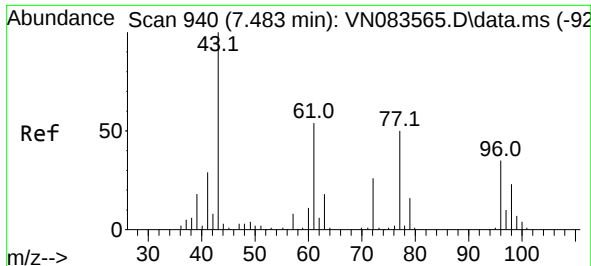
Tgt Ion: 76 Resp: 1061
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.696 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
74 4.4 19.0 28.4#

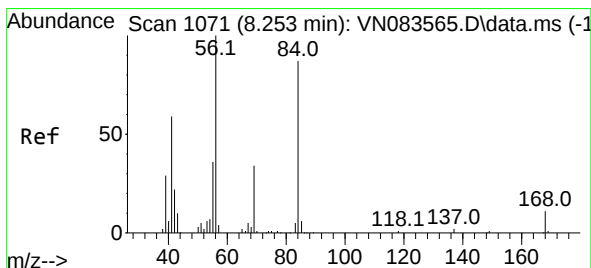
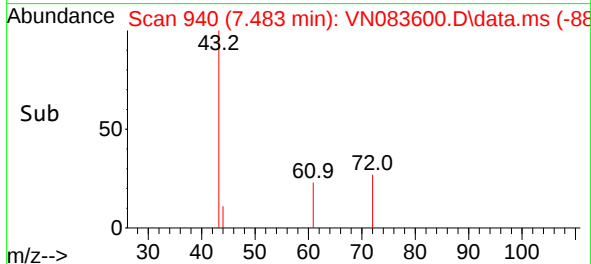
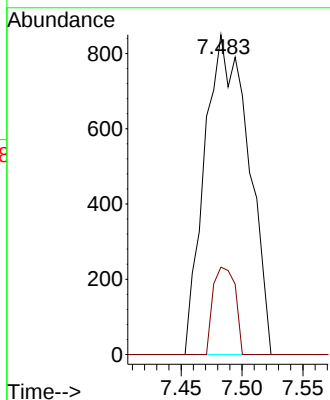
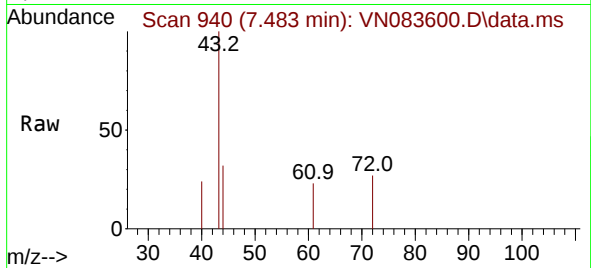




#25
2-Butanone
Concen: 1.903 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

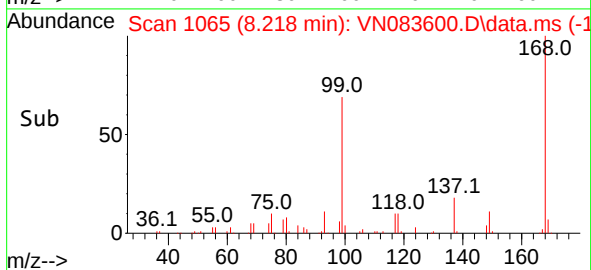
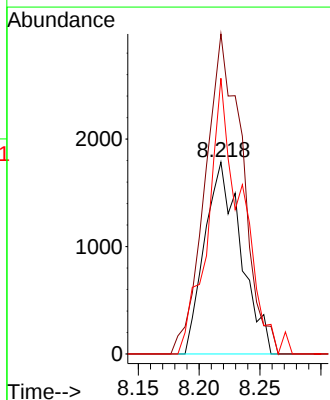
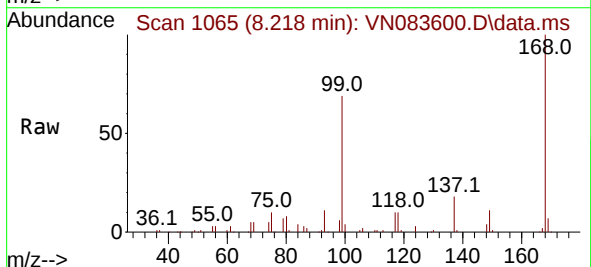
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MSVOA_N
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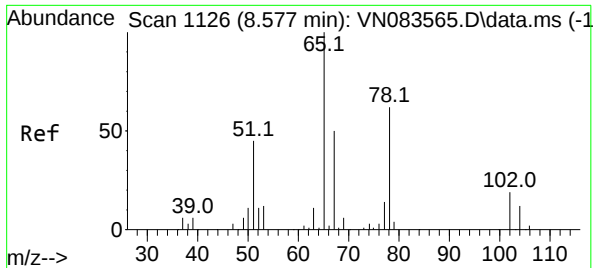
Tgt Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
72 27.3 20.8 31.2



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion: 56 Resp: 3702
Ion Ratio Lower Upper
56 100
69 166.7 26.9 40.3#
84 143.6 69.2 103.8#

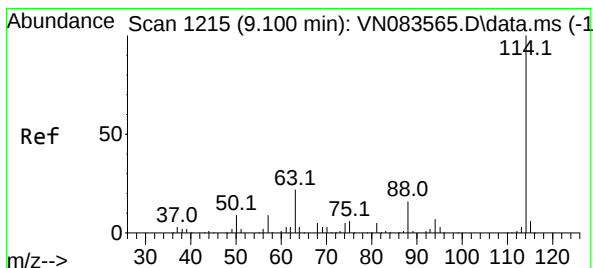
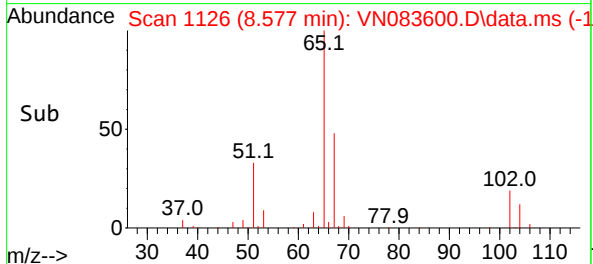
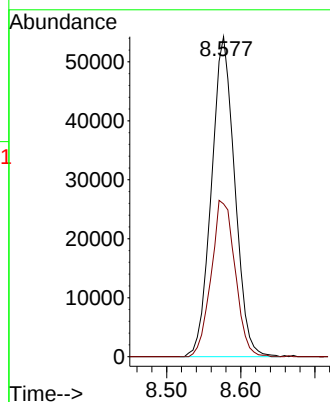
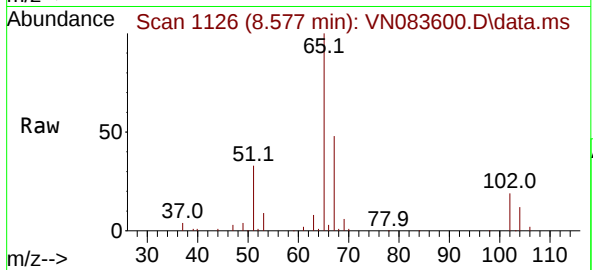




#33
 1,2-Dichloroethane-d4
 Concen: 57.550 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083600.D
 Acq: 31 Aug 2024 07:21

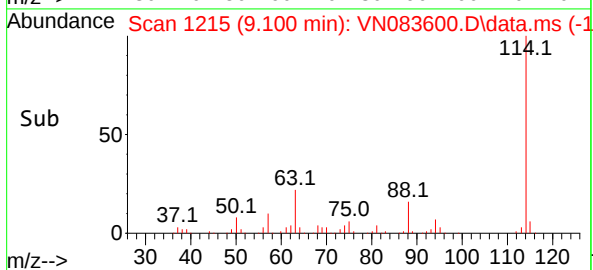
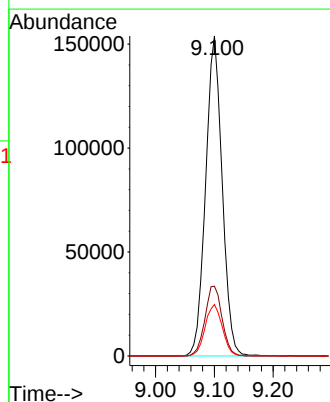
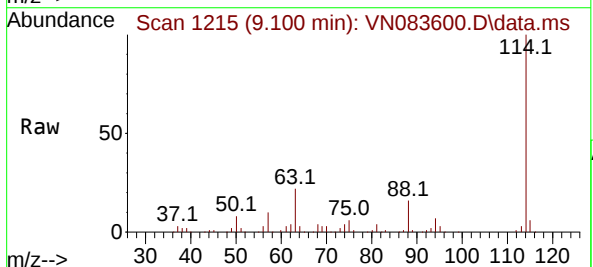
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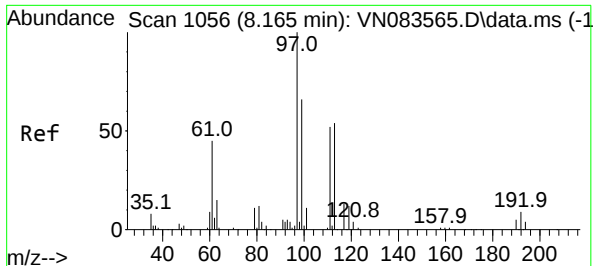
Tgt Ion: 65 Resp: 118368
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083600.D
 Acq: 31 Aug 2024 07:21

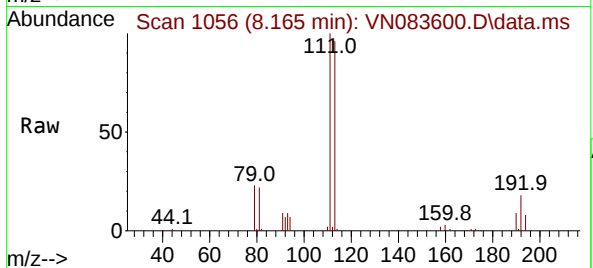
Tgt Ion: 114 Resp: 301679
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.4
 88 16.1 0.0 32.6



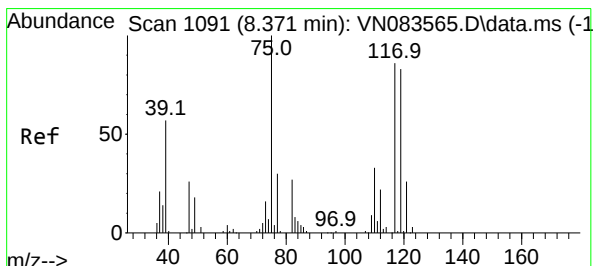
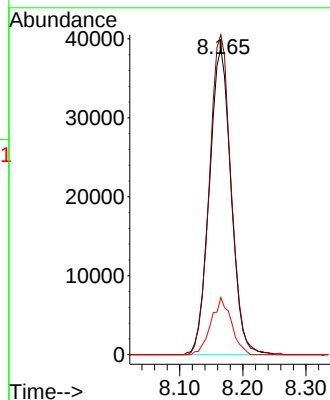
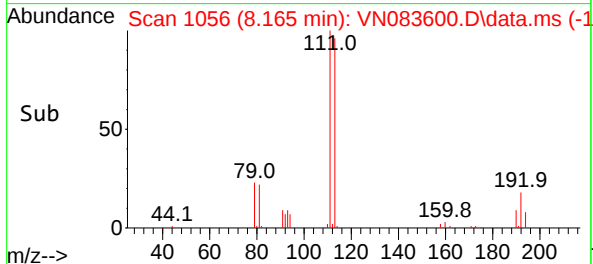


#35
Dibromofluoromethane
Concen: 51.160 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Instrument :
MSVOA_N
ClientSampleId :

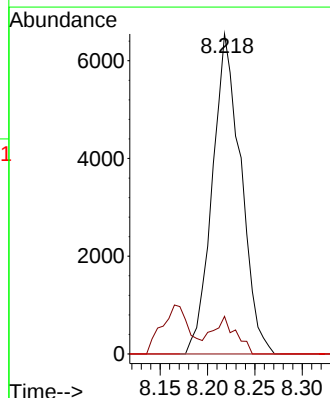
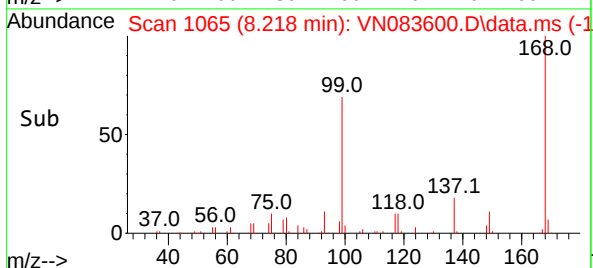
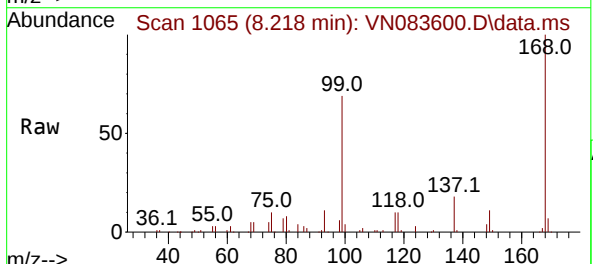


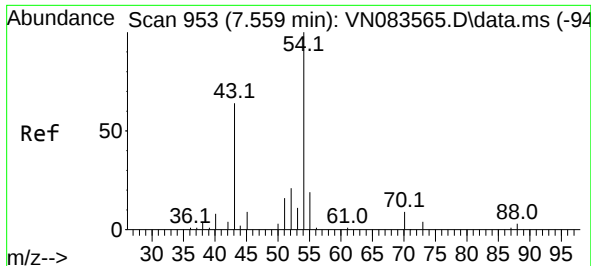
Tgt Ion:113 Resp: 92893
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.966 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

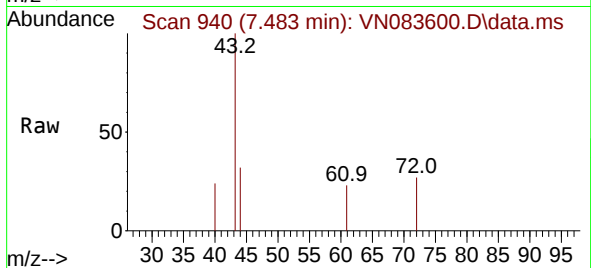
Tgt Ion: 75 Resp: 13755
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.1#
77 0.0 25.2 37.8#



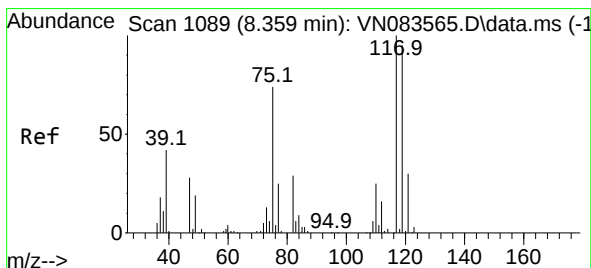
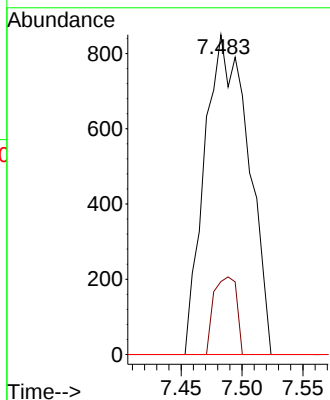
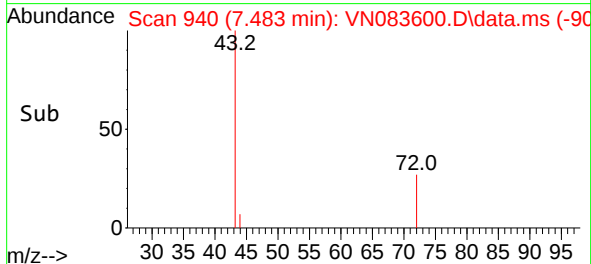


#37
Ethyl Acetate
Concen: 0.771 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.076 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

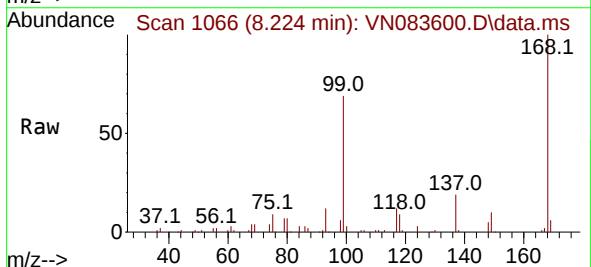
Instrument :
MSVOA_N
ClientSampleId :



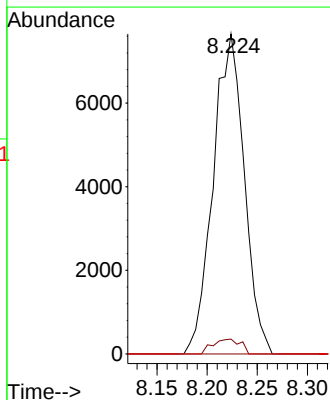
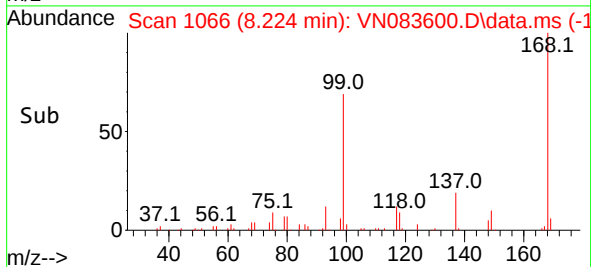
Tgt Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
61 12.6 11.1 16.7
70 0.0 8.8 13.2#

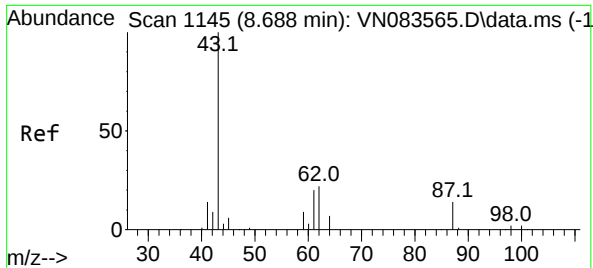


#38
Carbon Tetrachloride
Concen: 5.214 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21



Tgt Ion: 117 Resp: 16476
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.683 min Scan# 1144

Delta R.T. -0.005 min

Lab File: VN083600.D

Acq: 31 Aug 2024 07:21

Instrument :

MSVOA_N

ClientSampleId :

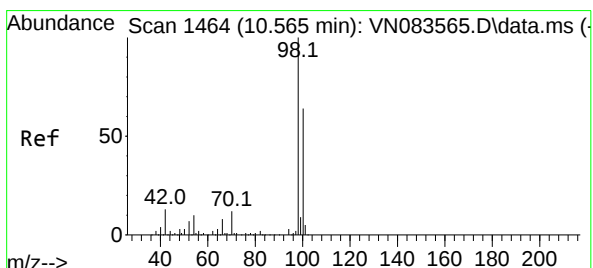
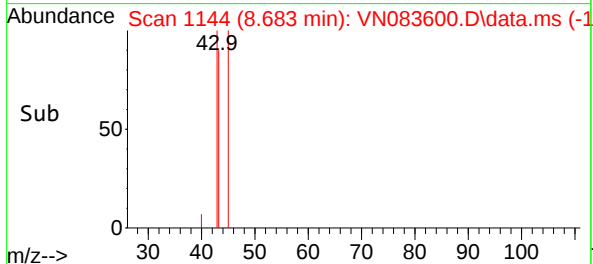
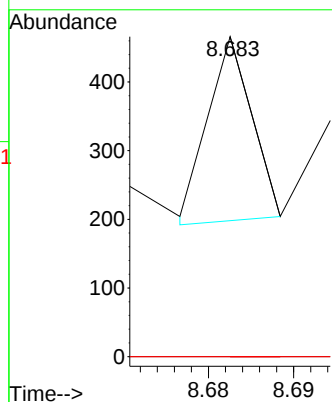
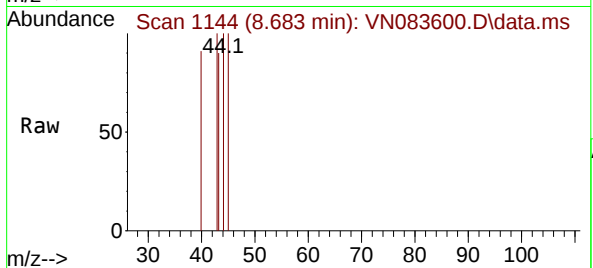
Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#50

Toluene-d8

Concen: 48.266 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083600.D

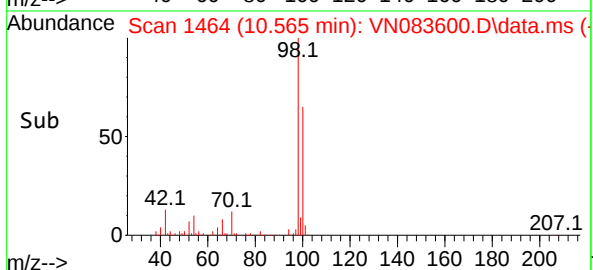
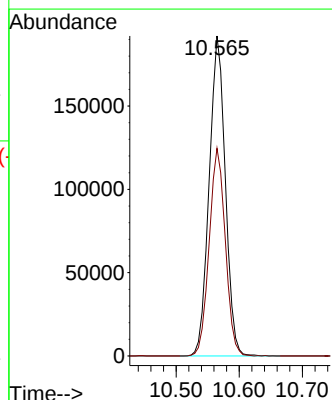
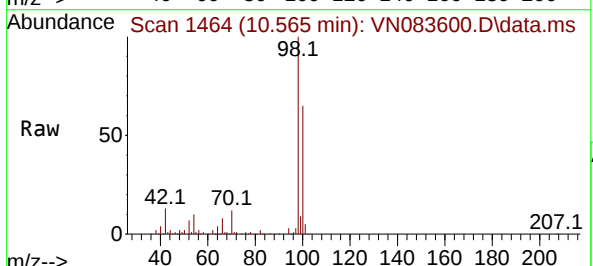
Acq: 31 Aug 2024 07:21

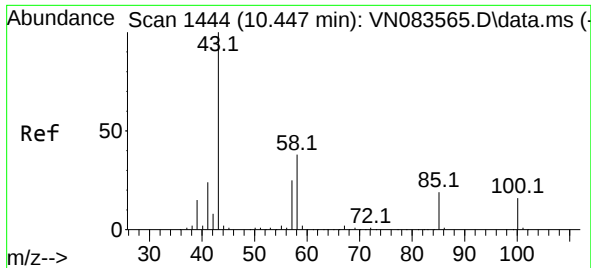
Tgt Ion: 98 Resp: 341381

Ion Ratio Lower Upper

98 100

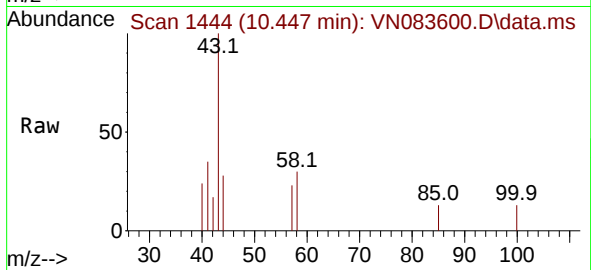
100 64.8 52.0 78.0



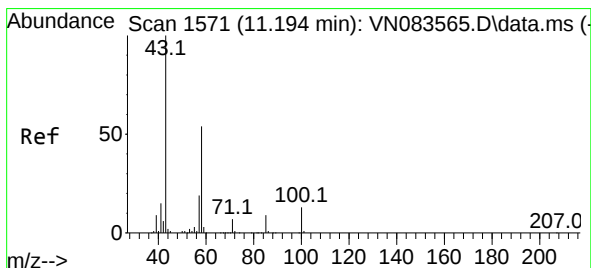
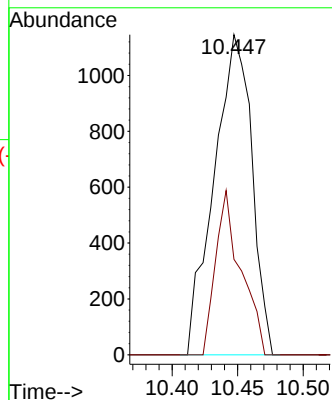
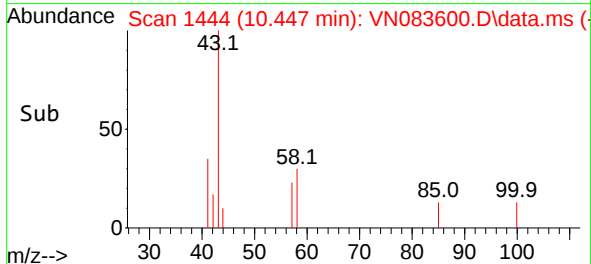


#51
4-Methyl-2-Pentanone
Concen: 0.896 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Instrument :
MSVOA_N
ClientSampleId :

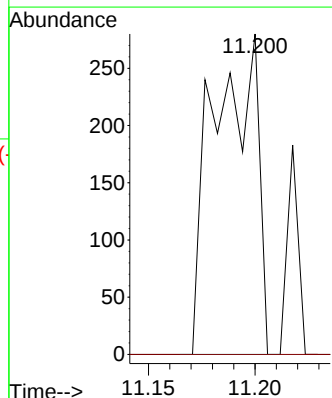
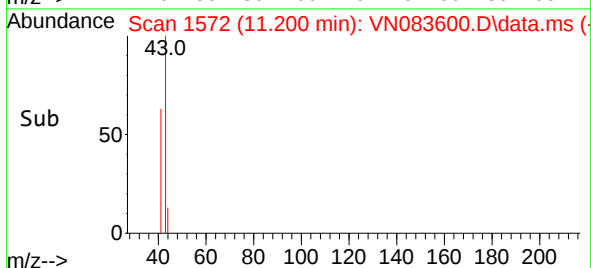
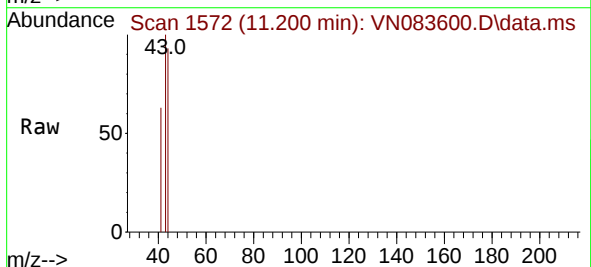


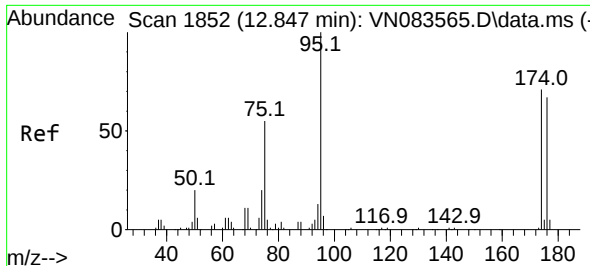
Tgt Ion: 43 Resp: 2296
Ion Ratio Lower Upper
43 100
58 34.4 31.6 47.4



#59
2-Hexanone
Concen: 0.209 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 0.0 27.2 81.5#

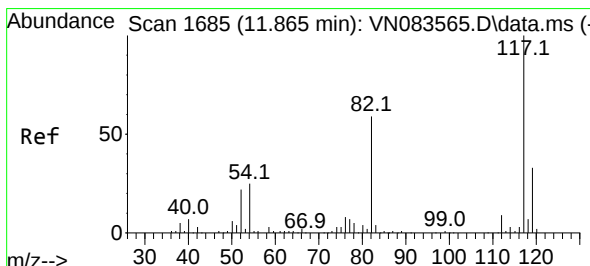
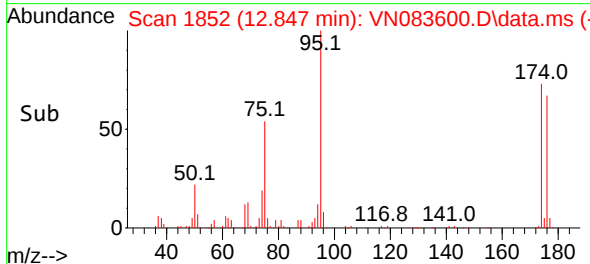
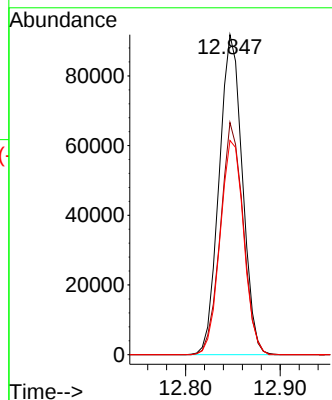
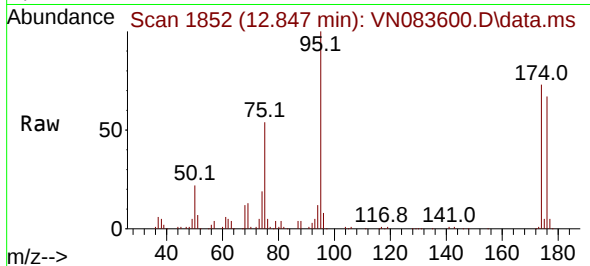




#62
4-Bromofluorobenzene
Concen: 59.809 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

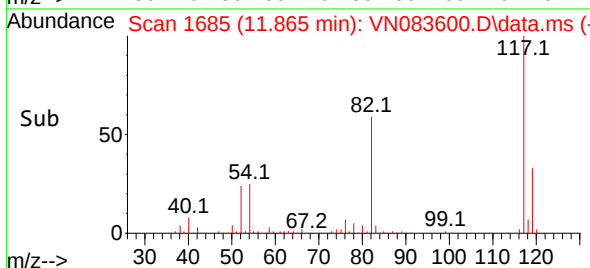
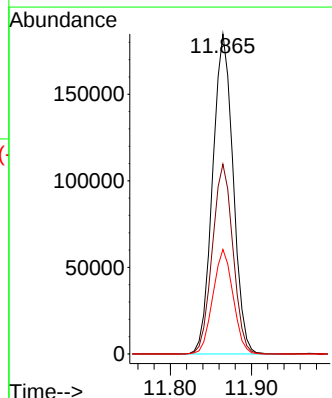
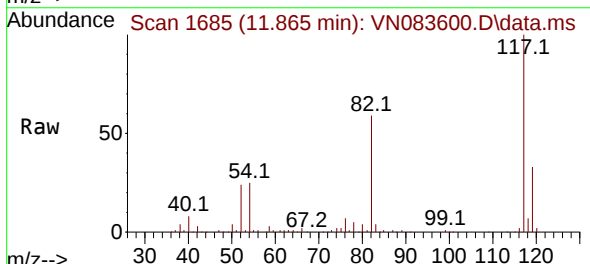
Instrument :
MSVOA_N
ClientSampleId :

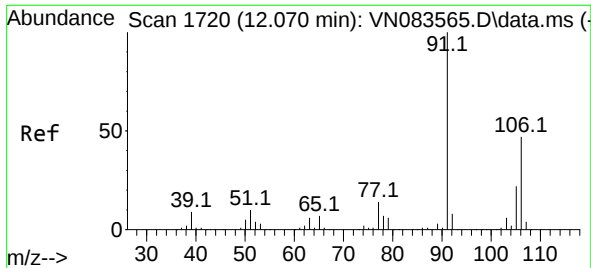
Tgt Ion: 95 Resp: 156661
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 67.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion: 117 Resp: 323932
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 32.6 26.3 39.5

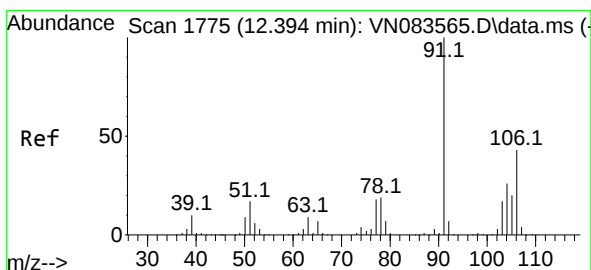
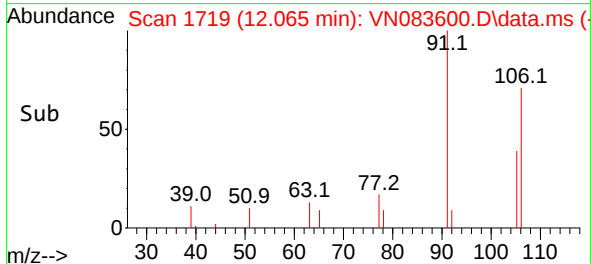
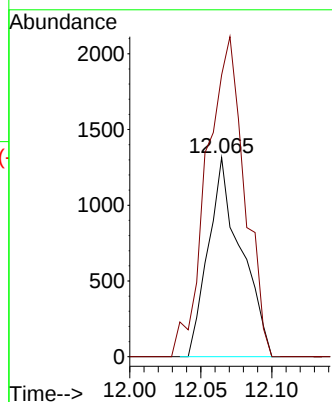
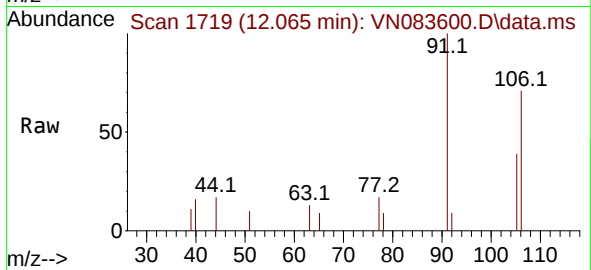




#68
m/p-Xylenes
Concen: 0.432 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

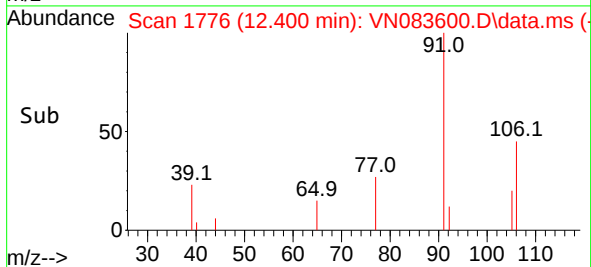
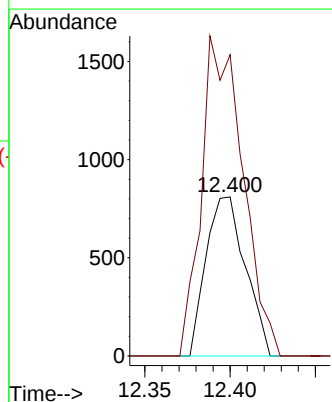
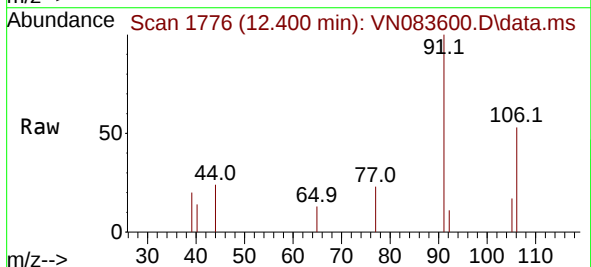
Instrument :
MSVOA_N
ClientSampleId :

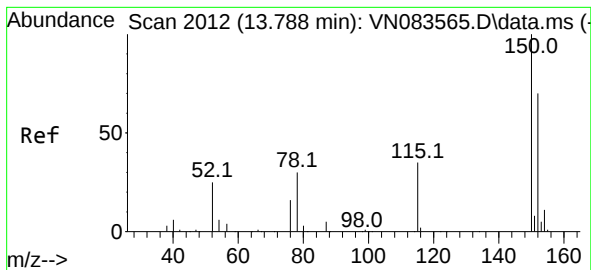
Tgt Ion:106 Resp: 2112
Ion Ratio Lower Upper
106 100
91 186.0 169.2 253.8



#69
o-Xylene
Concen: 0.276 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion:106 Resp: 1301
Ion Ratio Lower Upper
106 100
91 210.6 112.9 338.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN083600.D

Acq: 31 Aug 2024 07:21

Instrument :

MSVOA_N

ClientSampleId :

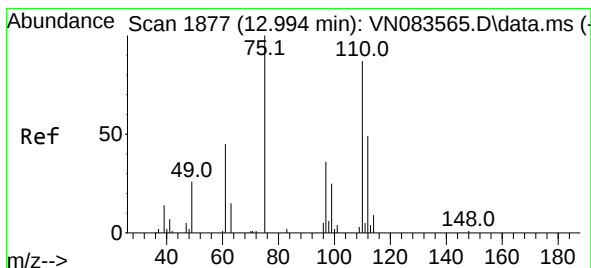
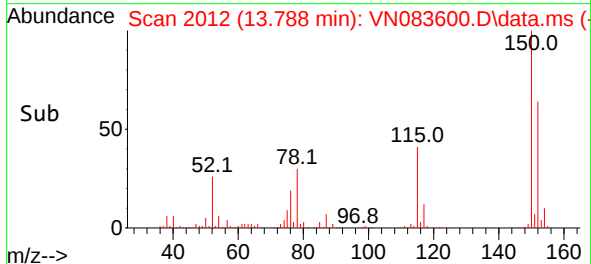
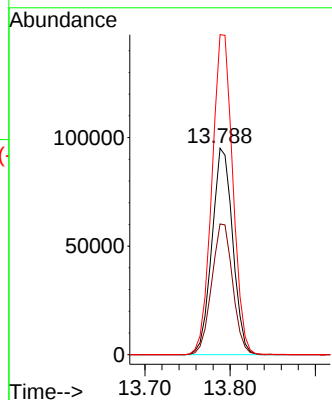
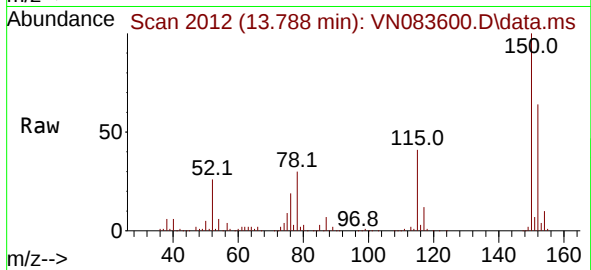
Tgt Ion:152 Resp: 161029

Ion Ratio Lower Upper

152 100

115 64.0 32.2 96.6

150 155.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 26.773 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083600.D

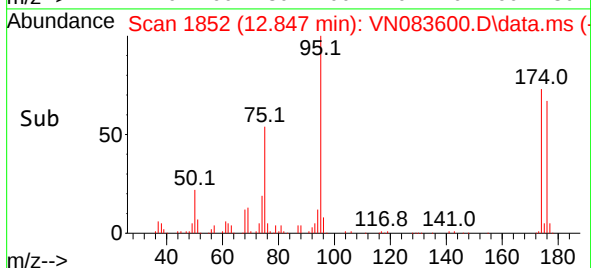
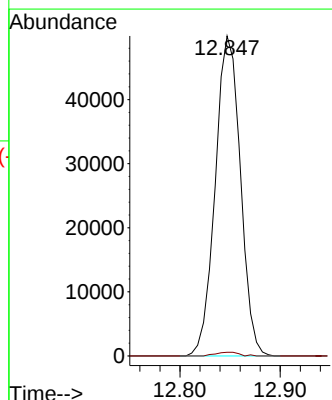
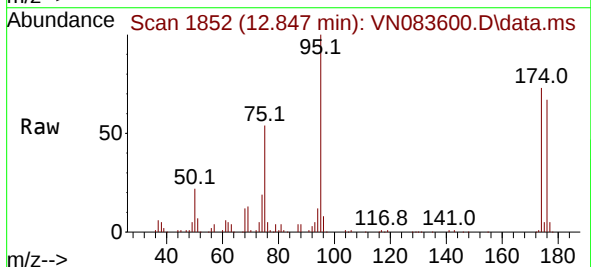
Acq: 31 Aug 2024 07:21

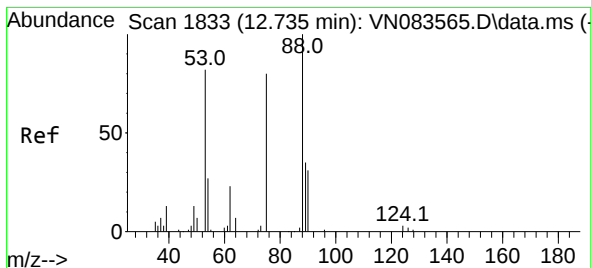
Tgt Ion: 75 Resp: 87043

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#

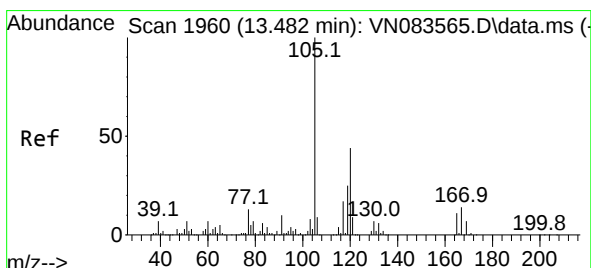
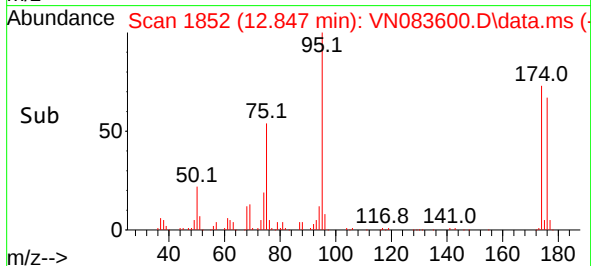
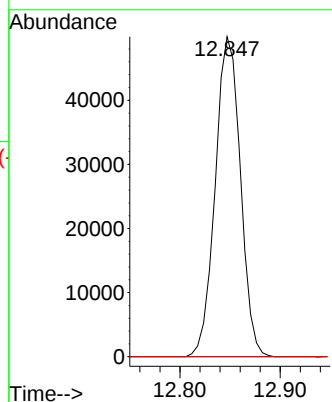
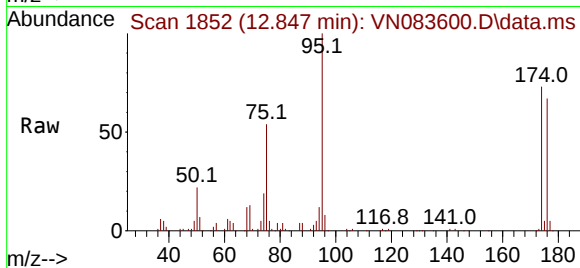




#81
trans-1,4-Dichloro-2-butene
Concen: 63.146 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 87043
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.347 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN083600.D
Acq: 31 Aug 2024 07:21

Tgt Ion:105 Resp: 3831
Ion Ratio Lower Upper
105 100
120 46.3 21.8 65.4

