

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083596.D
 Acq On : 31 Aug 2024 05:45
 Operator : JC\MD
 Sample : P3647-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 06:26:02 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)

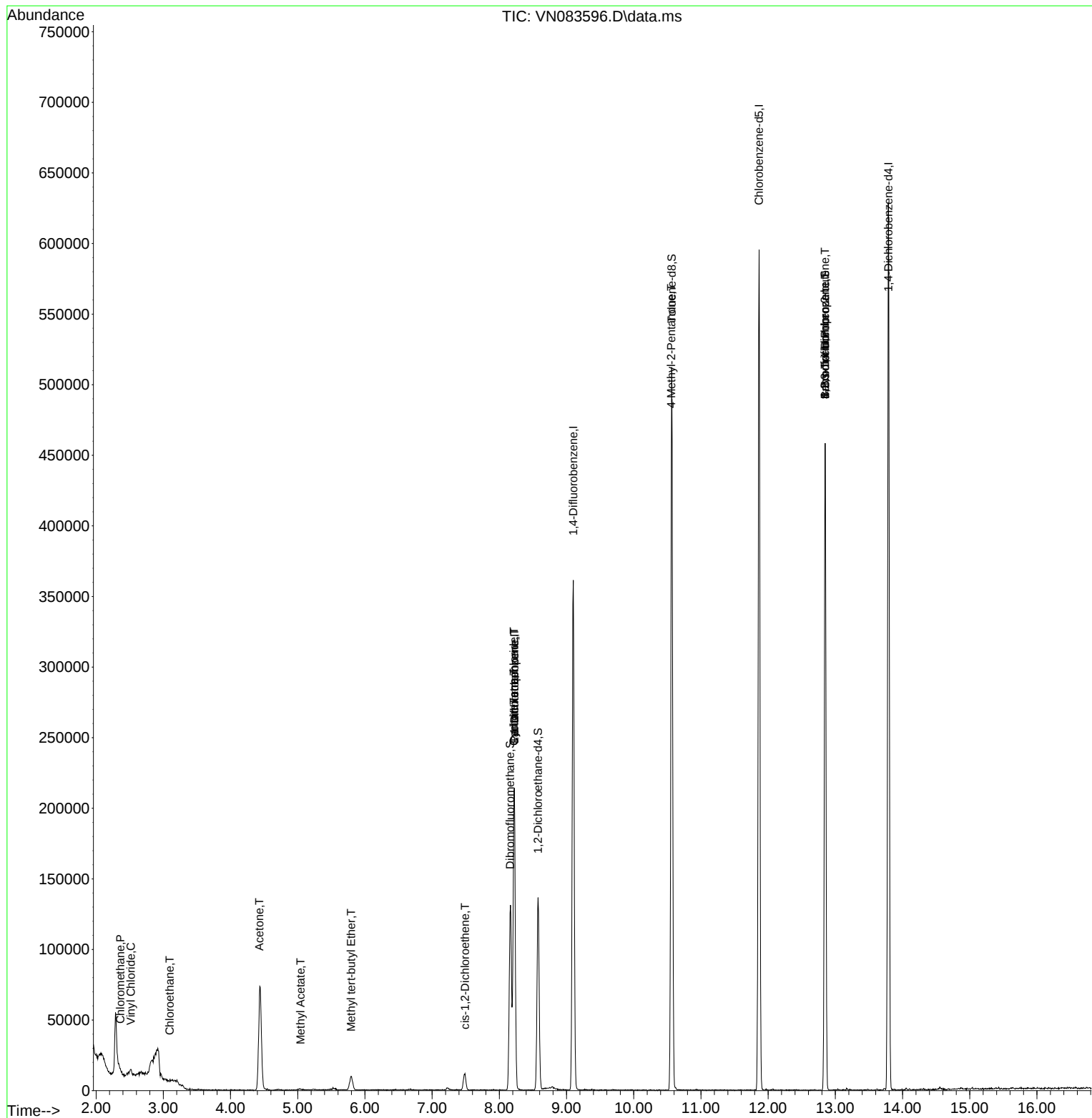
Internal Standards						
1) Pentafluorobenzene	8.224	168	147972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	161568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116348	56.260	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.520%		
35) Dibromofluoromethane	8.159	113	94766	51.971	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.940%		
50) Toluene-d8	10.565	98	343452	48.351	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.700%		
62) 4-Bromofluorobenzene	12.847	95	158123	60.112	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 120.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1122	0.615	ug/l #	83
4) Vinyl Chloride	2.518	62	3119	1.708	ug/l #	57
6) Chloroethane	3.095	64	409	0.343	ug/l #	45
16) Acetone	4.430	43	2744	3.327	ug/l #	83
18) Methyl Acetate	5.042	43	1321	0.602	ug/l #	79
19) Methyl tert-butyl Ether	5.795	73	15203	2.644	ug/l	93
27) cis-1,2-Dichloroethene	7.489	96	7831	3.886	ug/l	81
31) Cyclohexane	8.218	56	4055	1.268	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	13684	4.920	ug/l #	49
38) Carbon Tetrachloride	8.218	117	17537	5.526	ug/l #	16
43) Isopropyl Acetate	8.677	43	1388	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.559	43	2036	0.791	ug/l #	1
71) Bromoform	12.847	173	519	0.294	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	89340	27.388	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89340	64.597	ug/l #	9

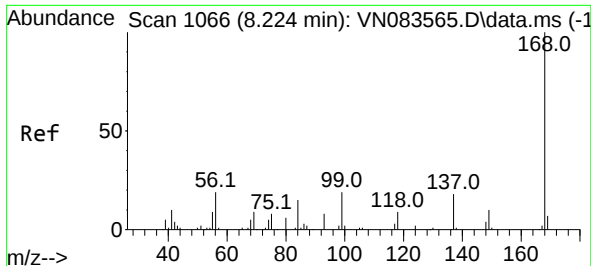
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

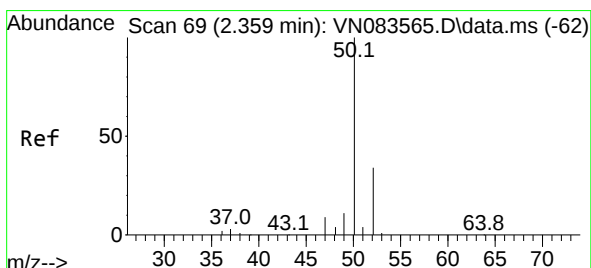
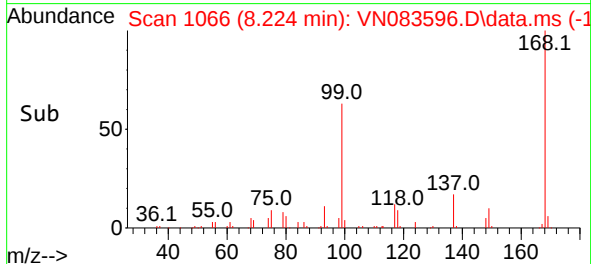
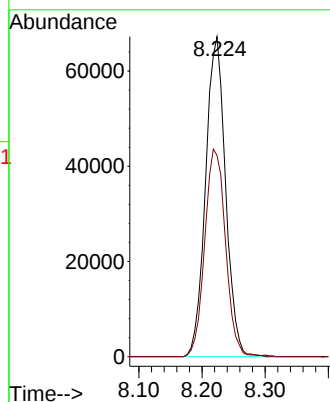
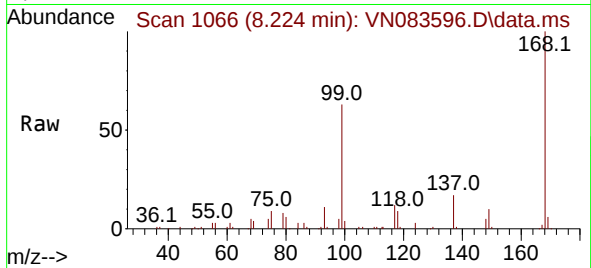




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

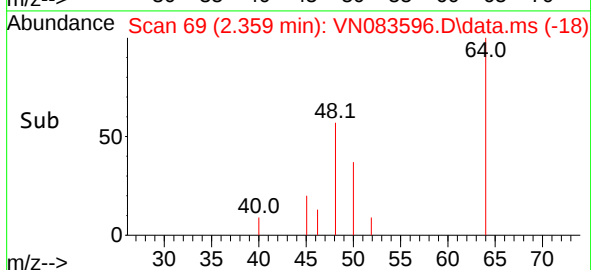
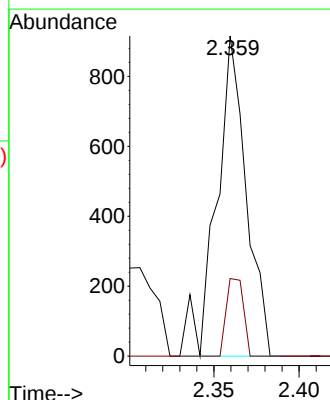
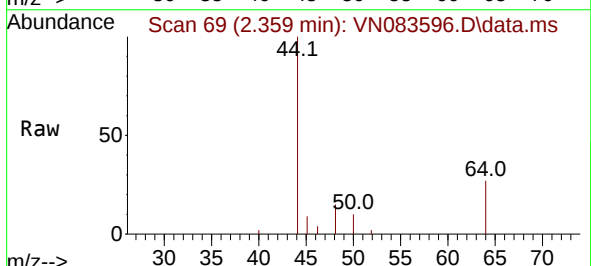
Instrument :
MSVOA_N
ClientSampleId :

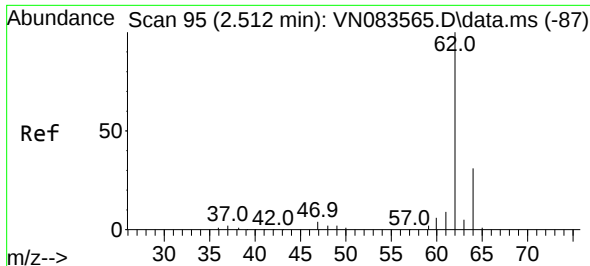
Tgt Ion:168 Resp: 147972
Ion Ratio Lower Upper
168 100
99 62.9 54.2 81.2



#3
Chloromethane
Concen: 0.615 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

Tgt Ion: 50 Resp: 1122
Ion Ratio Lower Upper
50 100
52 24.2 27.2 40.8#

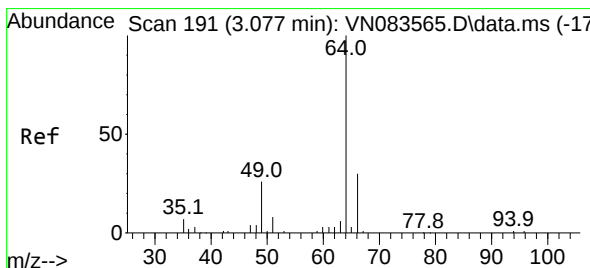
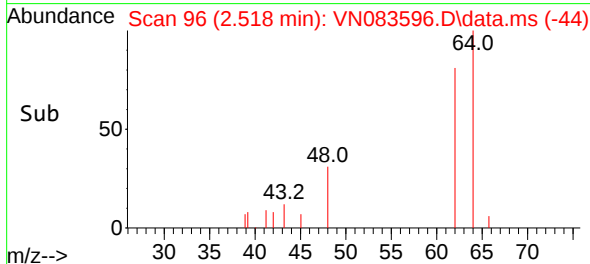
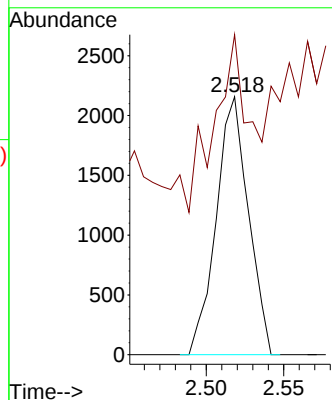
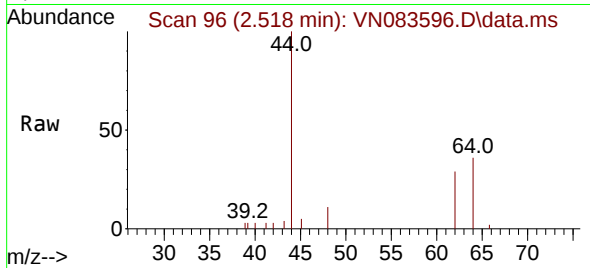




#4
 Vinyl Chloride
 Concen: 1.708 ug/l
 RT: 2.518 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VN083596.D
 Acq: 31 Aug 2024 05:45

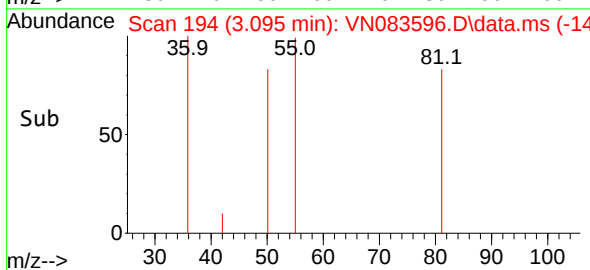
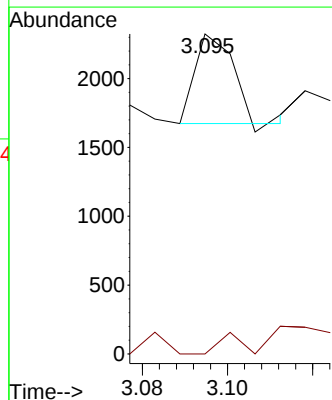
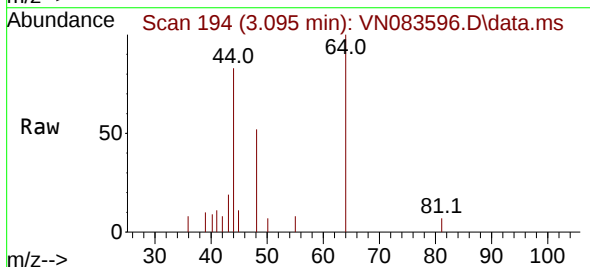
Instrument :
 MSVOA_N
 ClientSampleId :

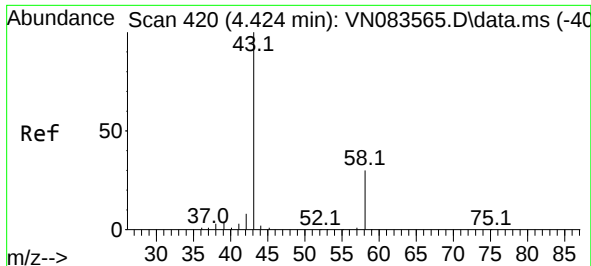
Tgt Ion: 62 Resp: 3119
 Ion Ratio Lower Upper
 62 100
 64 54.3 24.7 37.1#



#6
 Chloroethane
 Concen: 0.343 ug/l
 RT: 3.095 min Scan# 194
 Delta R.T. 0.018 min
 Lab File: VN083596.D
 Acq: 31 Aug 2024 05:45

Tgt Ion: 64 Resp: 409
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.9 35.9#

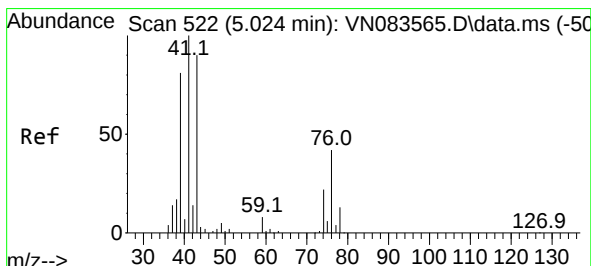
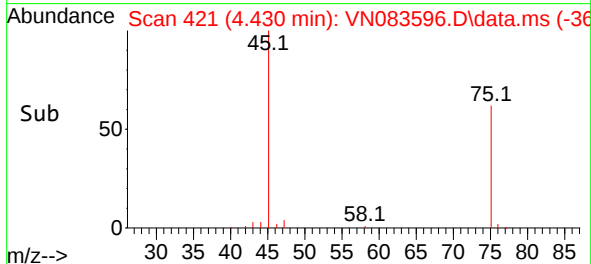
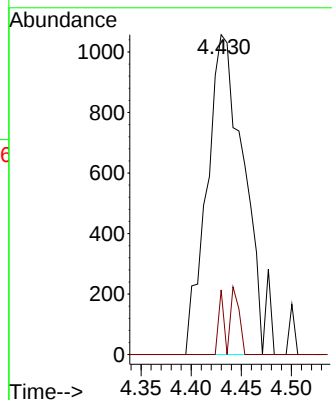
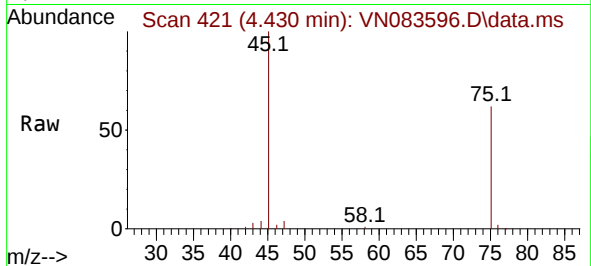




#16
Acetone
Concen: 3.327 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

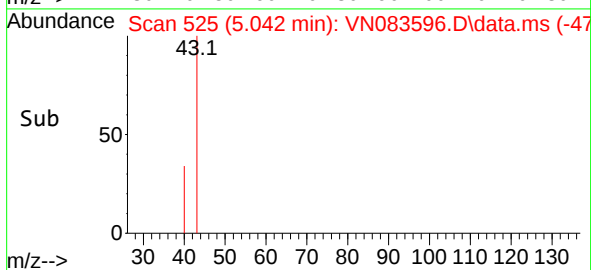
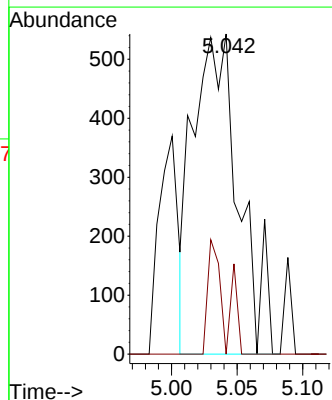
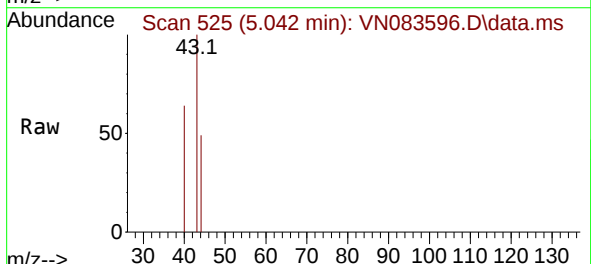
Instrument :
MSVOA_N
ClientSampleId :

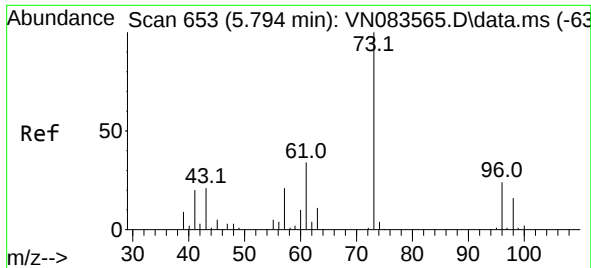
Tgt Ion: 43 Resp: 2744
Ion Ratio Lower Upper
43 100
58 20.2 23.7 35.5#



#18
Methyl Acetate
Concen: 0.602 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

Tgt Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
74 13.4 19.0 28.4#

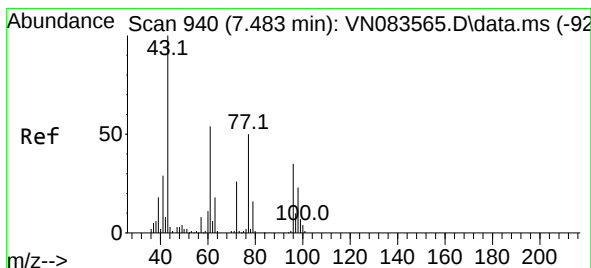
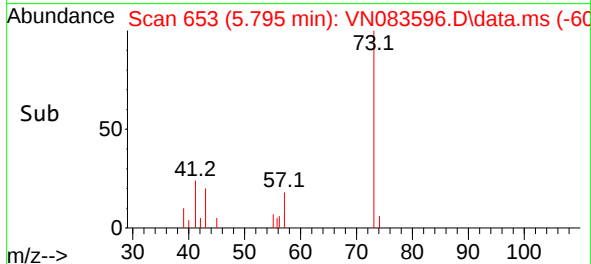
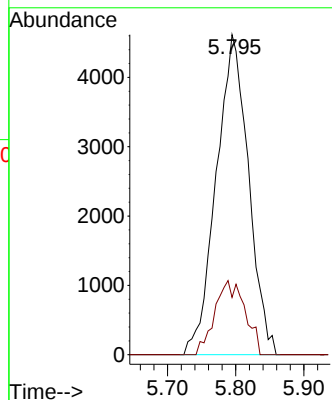
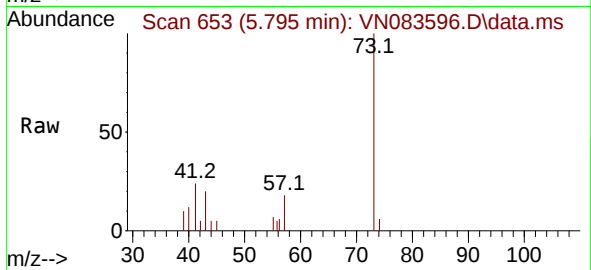




#19
Methyl tert-butyl Ether
Concen: 2.644 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

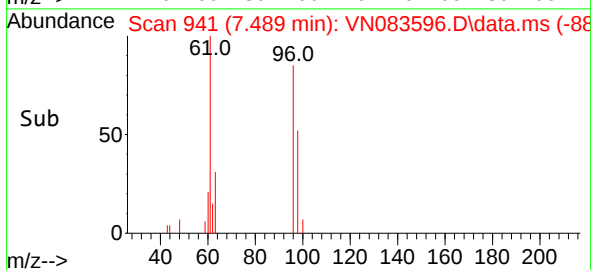
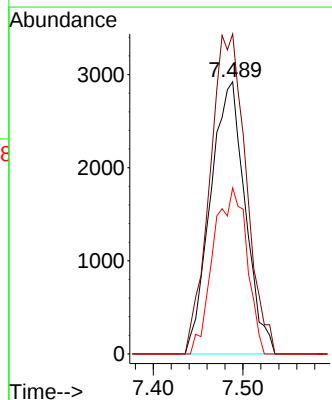
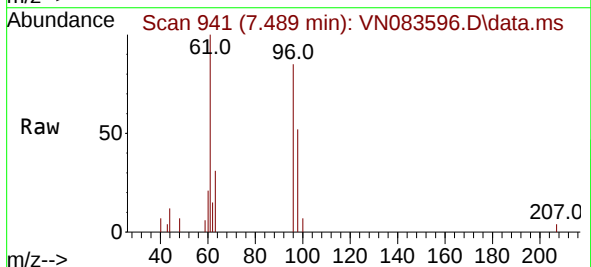
Instrument :
MSVOA_N
ClientSampleId :

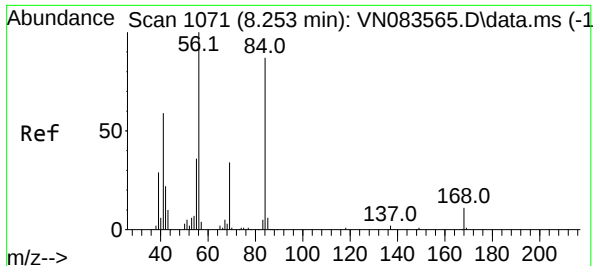
Tgt Ion: 73 Resp: 15203
Ion Ratio Lower Upper
73 100
57 17.9 17.0 25.6



#27
cis-1,2-Dichloroethene
Concen: 3.886 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

Tgt Ion: 96 Resp: 7831
Ion Ratio Lower Upper
96 100
61 122.8 0.0 306.2
98 58.9 0.0 128.6

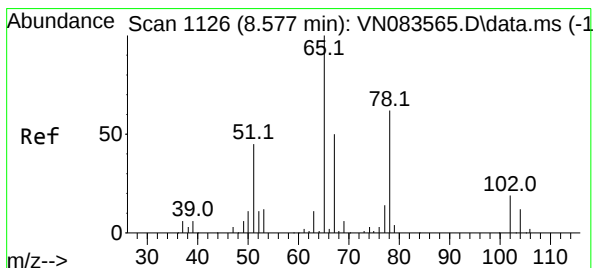
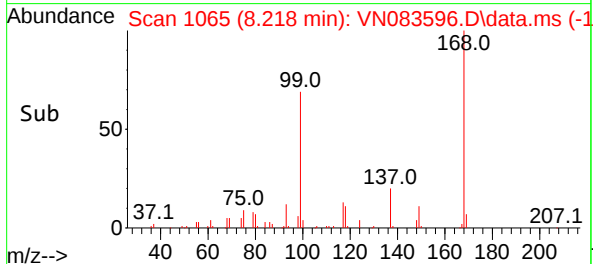
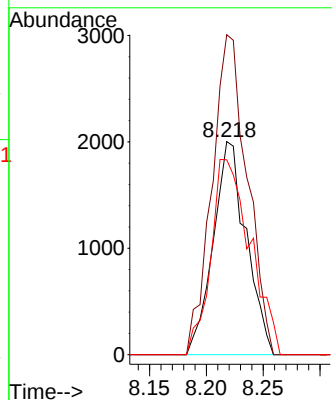
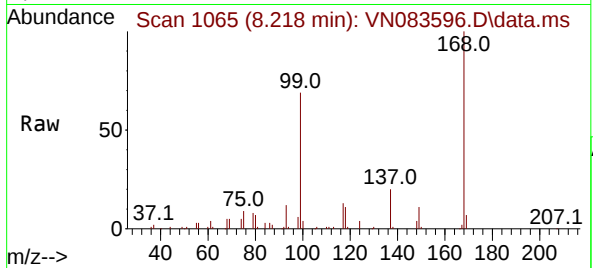




#31
Cyclohexane
Concen: 1.268 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

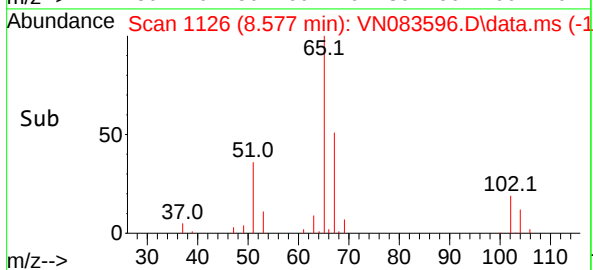
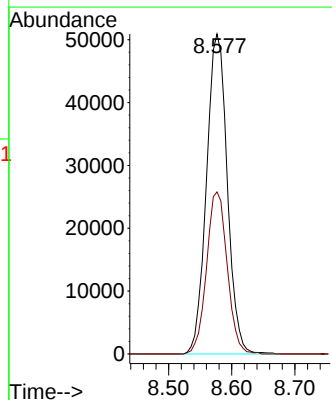
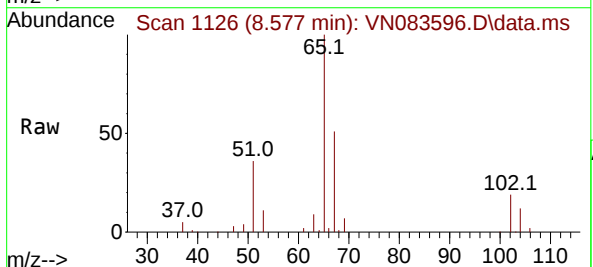
Instrument :
MSVOA_N
ClientSampleId :

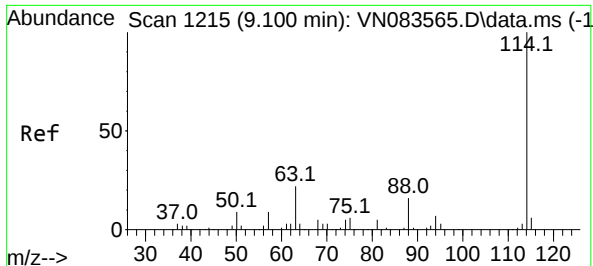
Tgt Ion: 56 Resp: 4055
Ion Ratio Lower Upper
56 100
69 150.1 26.9 40.3#
84 91.5 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 56.260 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

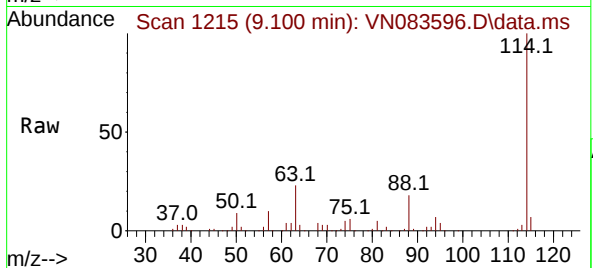
Tgt Ion: 65 Resp: 116348
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8



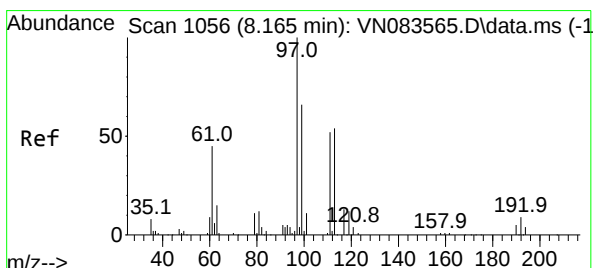
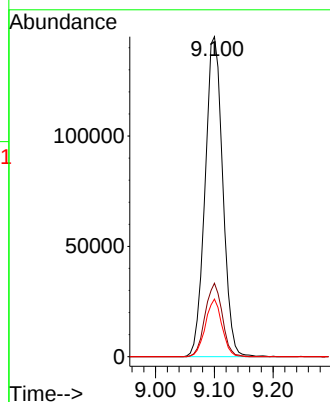
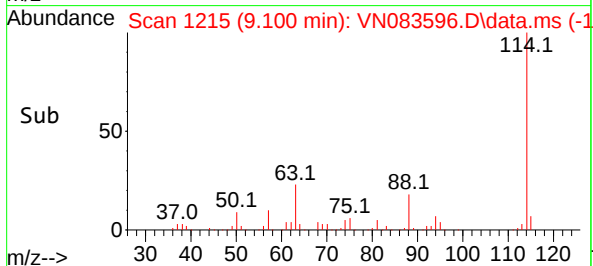


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

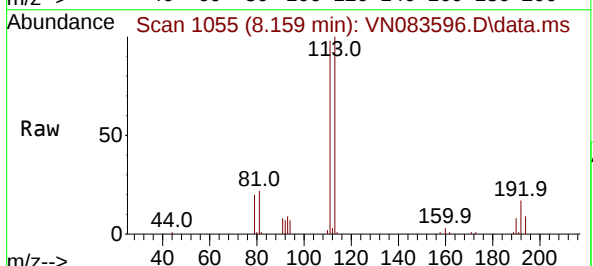
Instrument :
MSVOA_N
ClientSampleId :



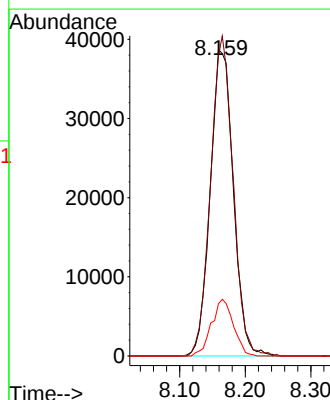
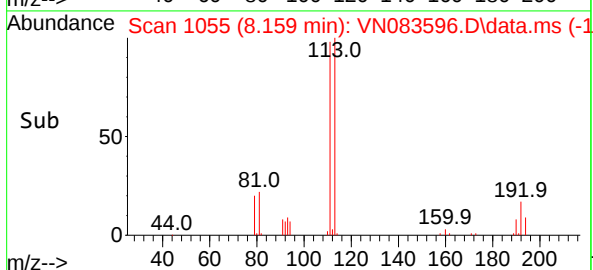
Tgt Ion:114 Resp: 302960
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.4
88 18.0 0.0 32.6

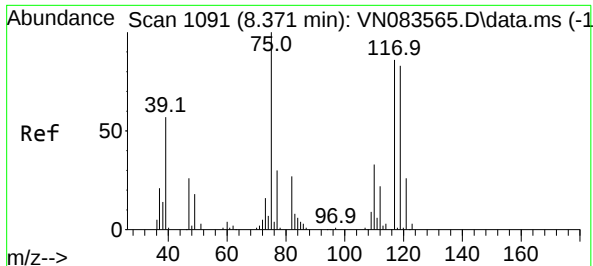


#35
Dibromofluoromethane
Concen: 51.971 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45



Tgt Ion:113 Resp: 94766
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 17.5 14.3 21.5

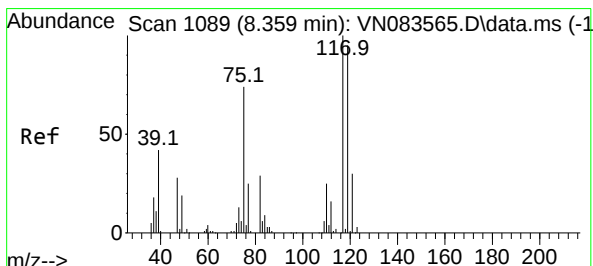
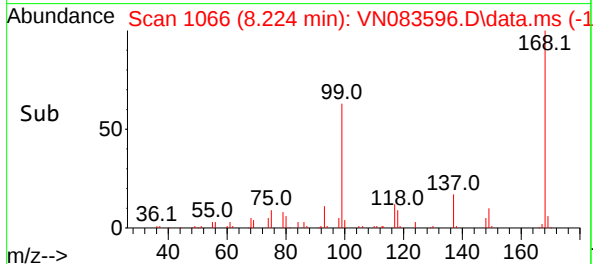
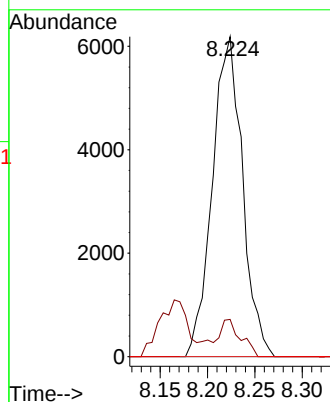
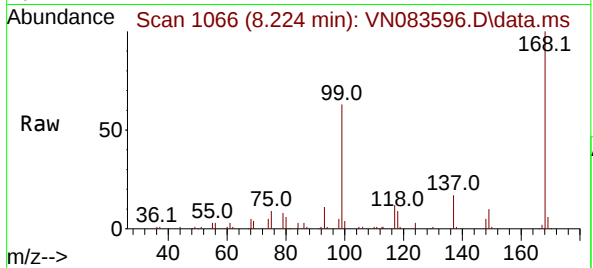




#36
 1,1-Dichloropropene
 Concen: 4.920 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083596.D
 Acq: 31 Aug 2024 05:45

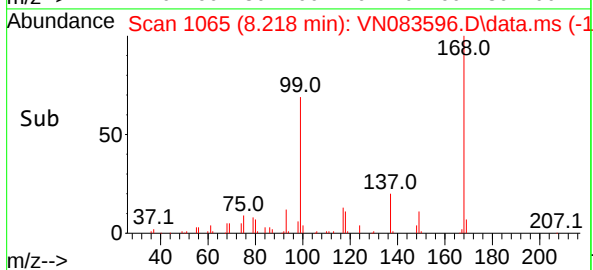
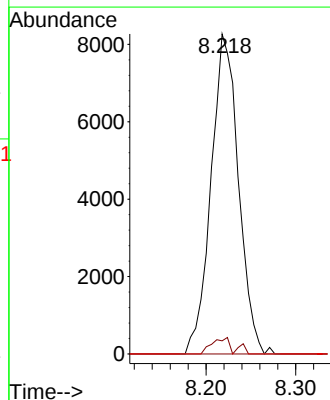
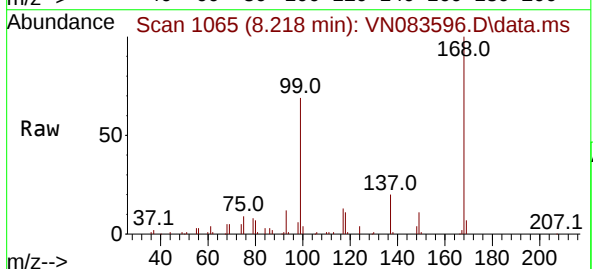
Instrument :
 MSVOA_N
 ClientSampleId :

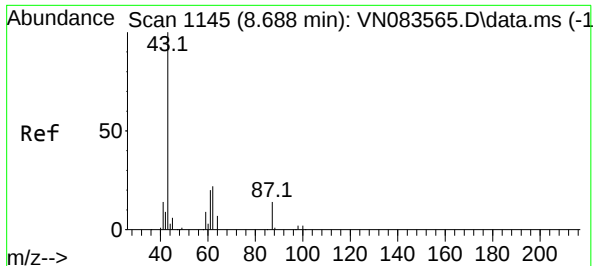
Tgt Ion: 75 Resp: 13684
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.7 50.1#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.526 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.141 min
 Lab File: VN083596.D
 Acq: 31 Aug 2024 05:45

Tgt Ion: 117 Resp: 17537
 Ion Ratio Lower Upper
 117 100
 119 4.1 76.1 114.1#
 121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

Lab File: VN083596.D

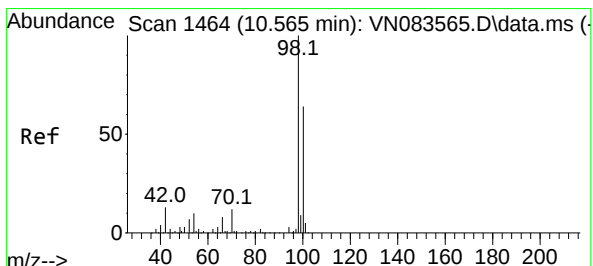
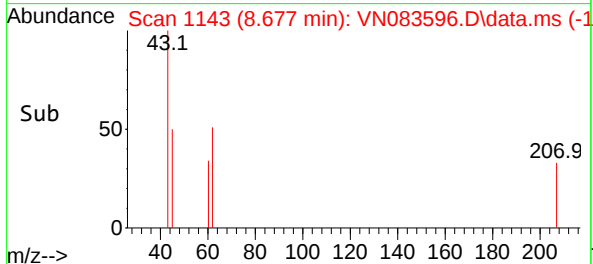
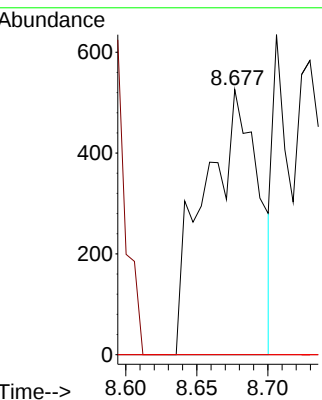
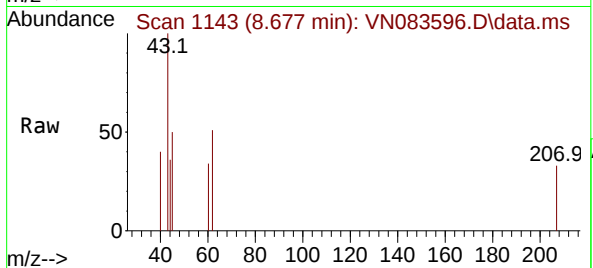
Acq: 31 Aug 2024 05:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	1388
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.4	29.0#
87	0.0	9.8	14.6#



#50

Toluene-d8

Concen: 48.351 ug/l

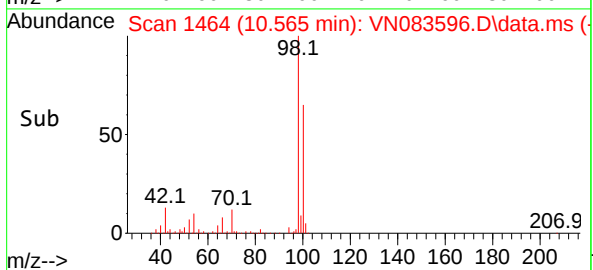
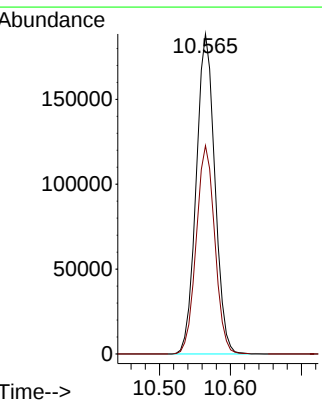
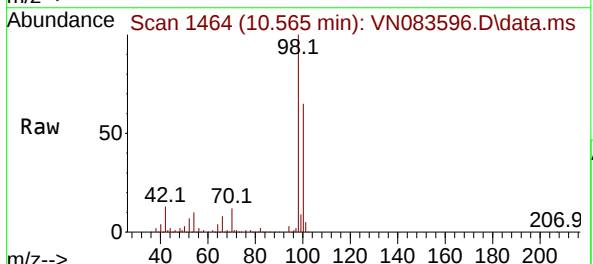
RT: 10.565 min Scan# 1464

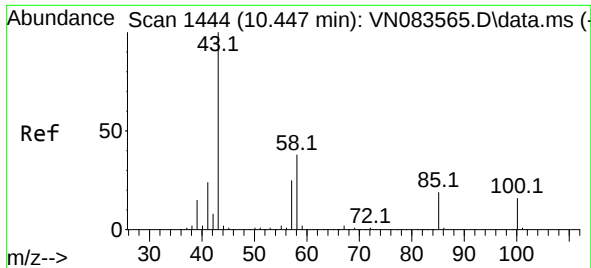
Delta R.T. -0.000 min

Lab File: VN083596.D

Acq: 31 Aug 2024 05:45

Tgt Ion:	98	Resp:	343452
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0

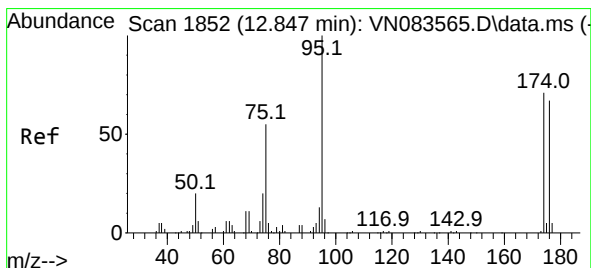
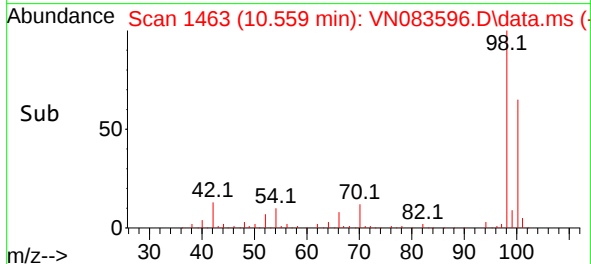
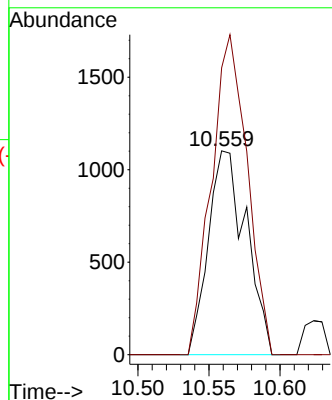
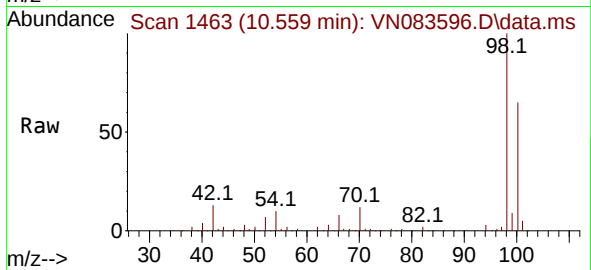




#51
4-Methyl-2-Pentanone
Concen: 0.791 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

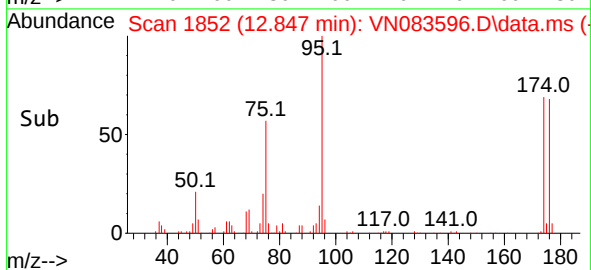
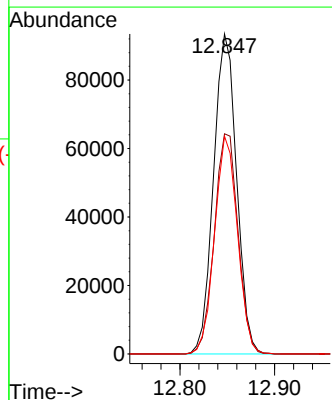
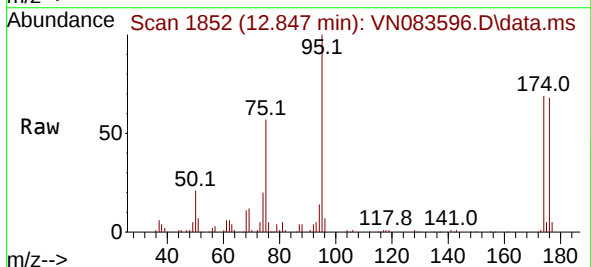
Instrument :
MSVOA_N
ClientSampleId :

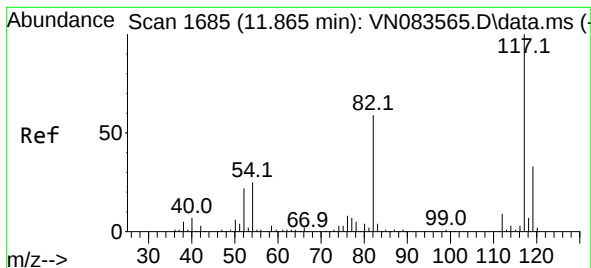
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
58 149.3 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 60.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

Tgt Ion: 95 Resp: 158123
Ion Ratio Lower Upper
95 100
174 70.8 0.0 139.8
176 67.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083596.D

Acq: 31 Aug 2024 05:45

Instrument :

MSVOA_N

ClientSampleId :

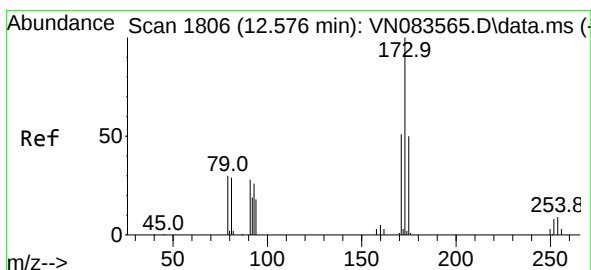
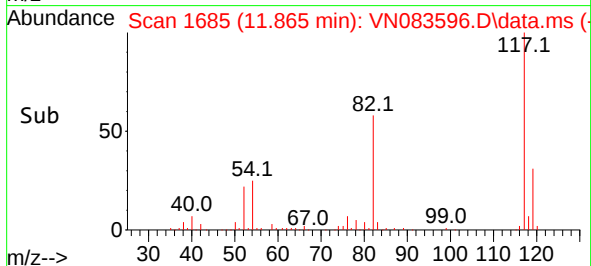
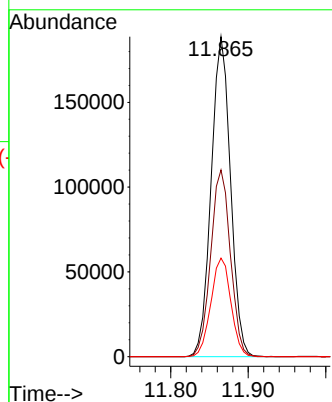
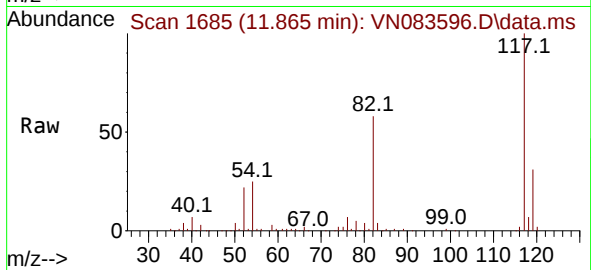
Tgt Ion:117 Resp: 326840

Ion Ratio Lower Upper

117 100

82 58.3 47.4 71.0

119 30.8 26.3 39.5



#71

Bromoform

Concen: 0.294 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN083596.D

Acq: 31 Aug 2024 05:45

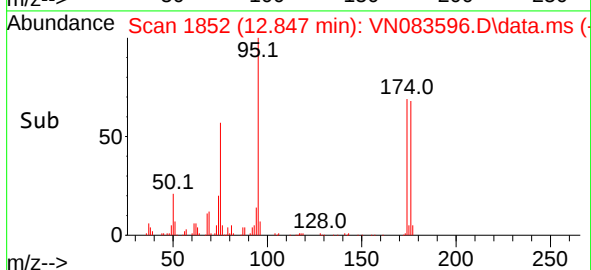
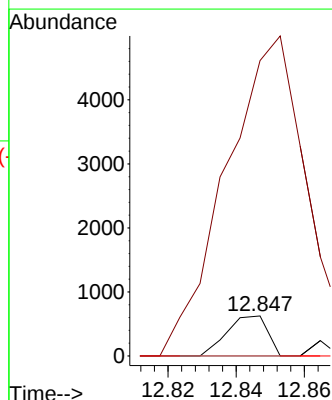
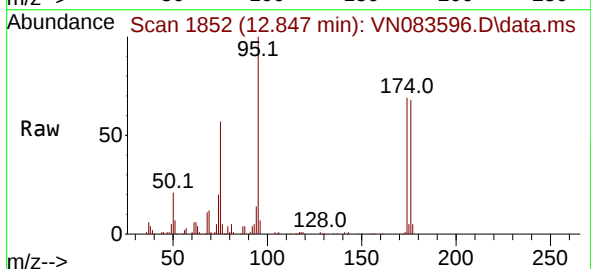
Tgt Ion:173 Resp: 519

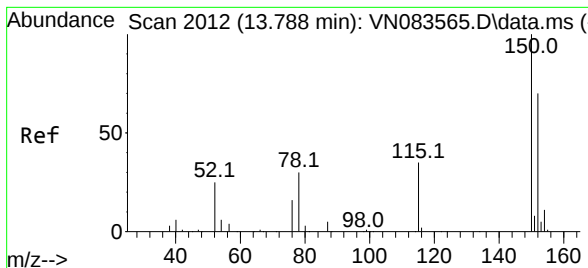
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN083596.D

Acq: 31 Aug 2024 05:45

Instrument :

MSVOA_N

ClientSampleId :

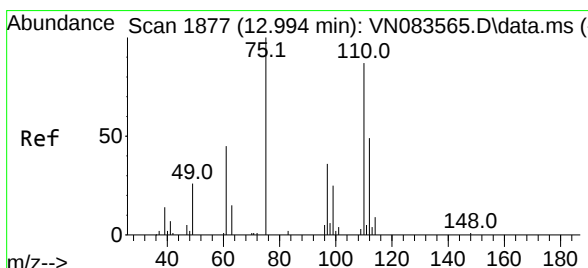
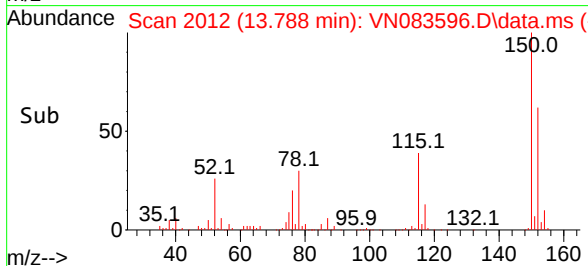
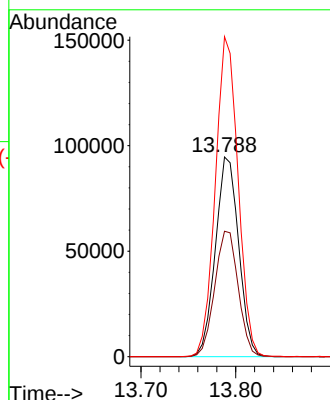
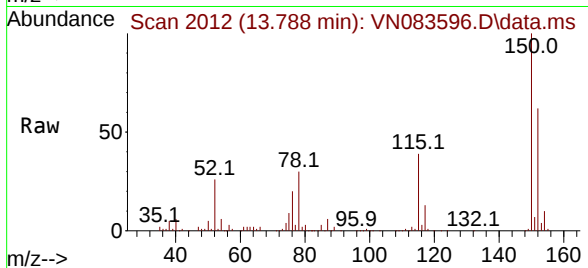
Tgt Ion:152 Resp: 161568

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 156.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.388 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083596.D

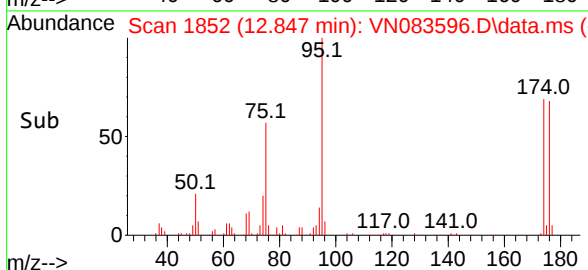
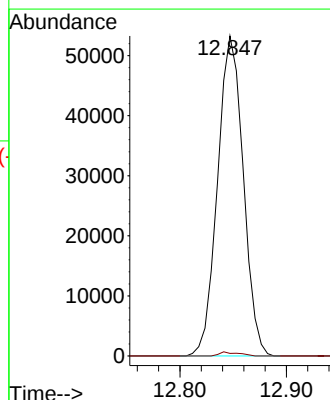
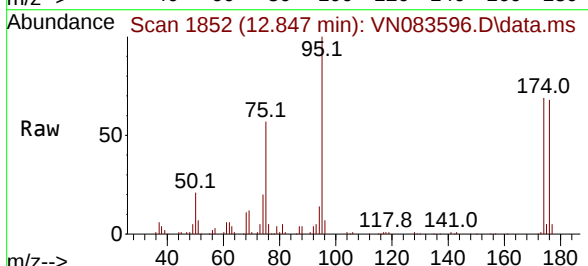
Acq: 31 Aug 2024 05:45

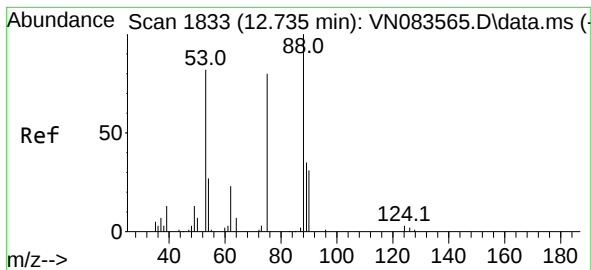
Tgt Ion: 75 Resp: 89340

Ion Ratio Lower Upper

75 100

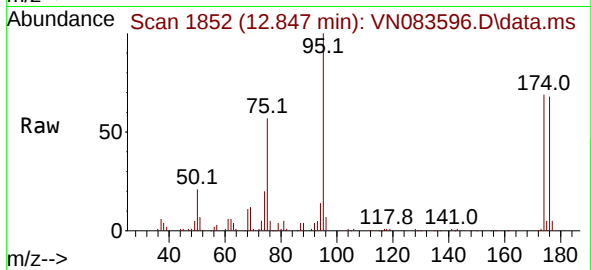
77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.597 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 89340
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

