

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083383.D
 Acq On : 19 Aug 2024 19:30
 Operator : JC\MD
 Sample : P3646-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:50:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

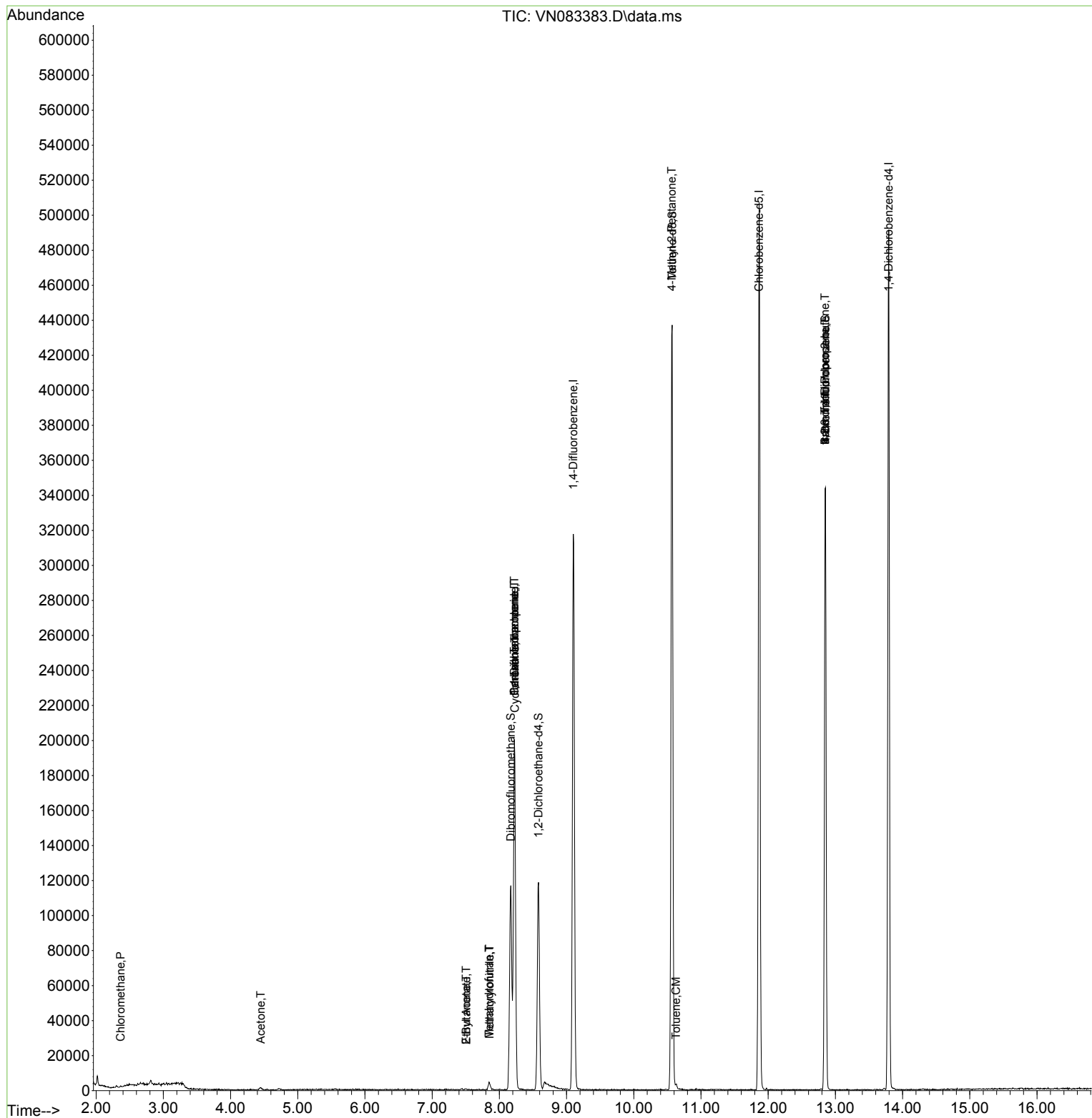
Internal Standards						
1) Pentafluorobenzene	8.224	168	136272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103472	53.345	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.680%		
35) Dibromofluoromethane	8.171	113	83030	49.500	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.000%		
50) Toluene-d8	10.570	98	304710	48.699	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.400%		
62) 4-Bromofluorobenzene	12.853	95	127222	52.154	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.300%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	528	0.334	ug/l #	43
16) Acetone	4.447	43	2426	3.196	ug/l	94
25) 2-Butanone	7.506	43	887	0.761	ug/l #	53
29) Tetrahydrofuran	7.847	42	3034	4.027	ug/l	97
31) Cyclohexane	8.229	56	3362	1.170	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	12678	4.996	ug/l #	50
37) Ethyl Acetate	7.506	43	887	0.312	ug/l #	72
38) Carbon Tetrachloride	8.224	117	15259	5.339	ug/l #	16
41) Methacrylonitrile	7.853	41	1758	1.088	ug/l #	52
43) Isopropyl Acetate	8.677	43	3092	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1638	0.610	ug/l #	1
52) Toluene	10.629	92	1234	0.258	ug/l	98
71) Bromoform	12.847	173	563	0.342	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69047	24.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69047	54.344	ug/l #	6

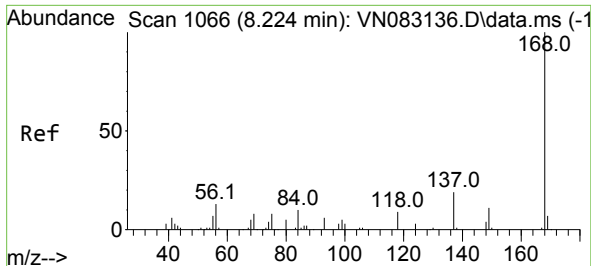
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
Data File : VN083383.D
Acq On : 19 Aug 2024 19:30
Operator : JC\MD
Sample : P3646-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

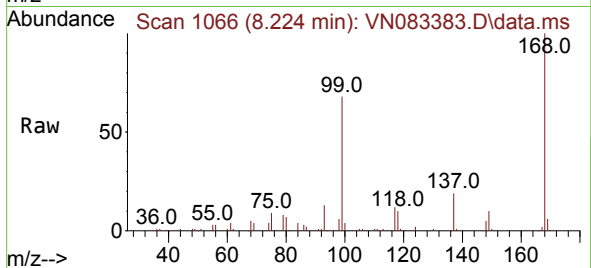
Quant Time: Aug 20 04:50:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



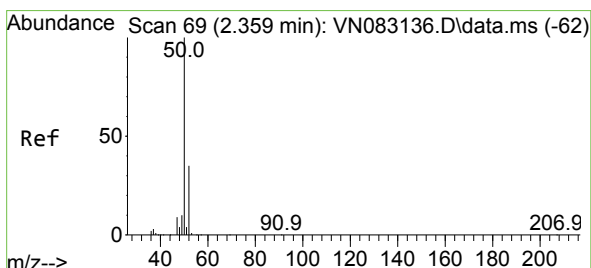
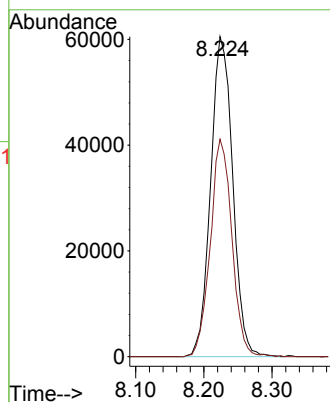
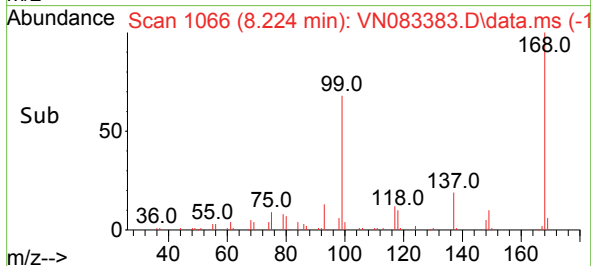


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :

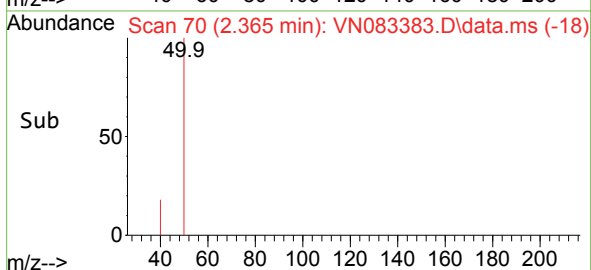
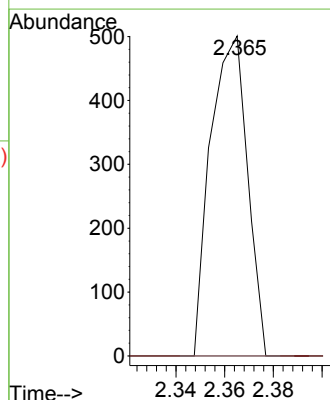
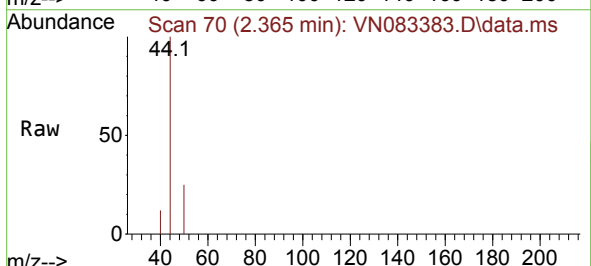


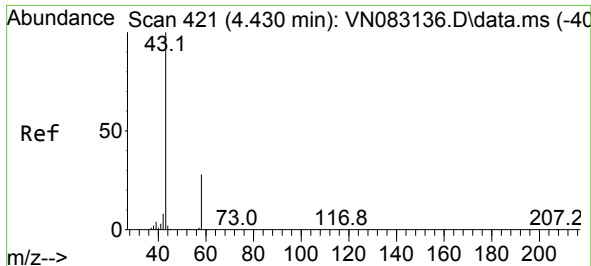
Tgt Ion:168 Resp: 136272
Ion Ratio Lower Upper
168 100
99 68.0 48.2 72.4



#3
Chloromethane
Concen: 0.334 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

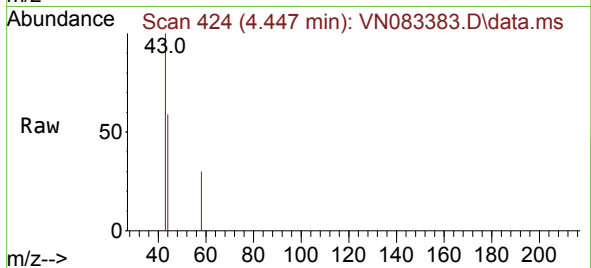
Tgt Ion: 50 Resp: 528
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



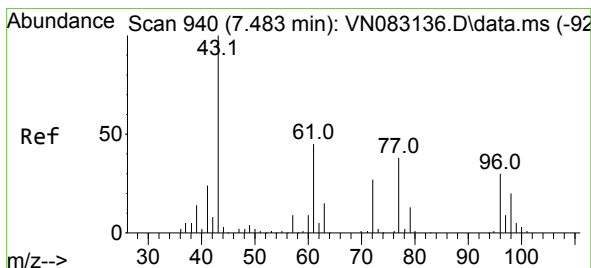
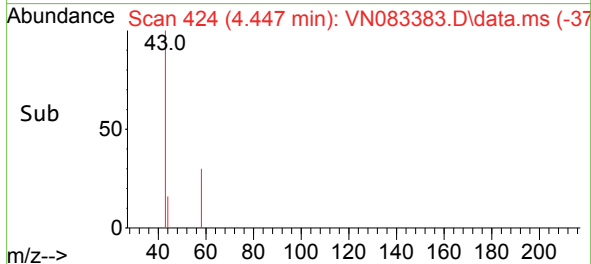
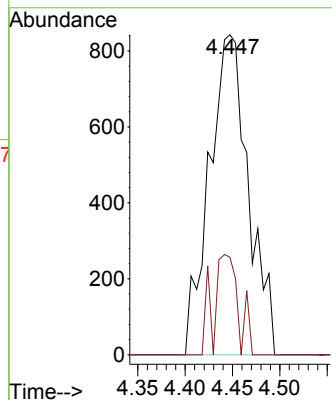


#16
Acetone
Concen: 3.196 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :

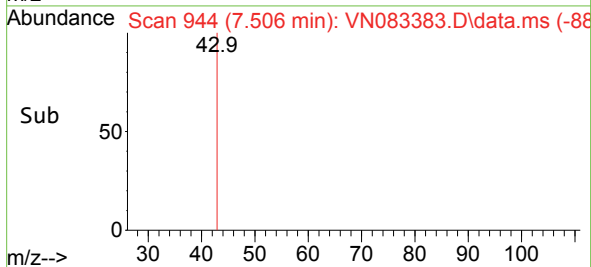
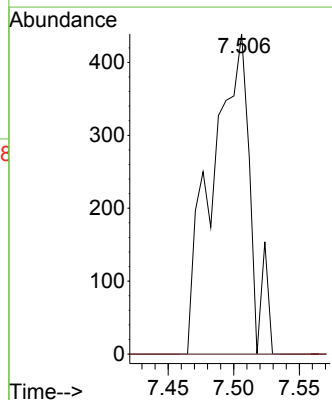
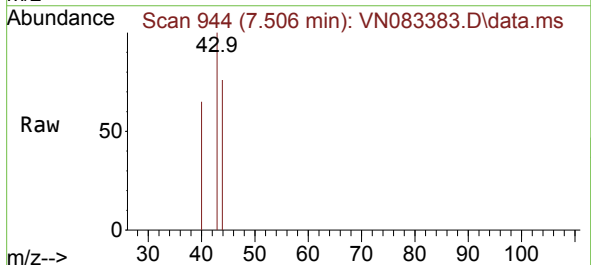


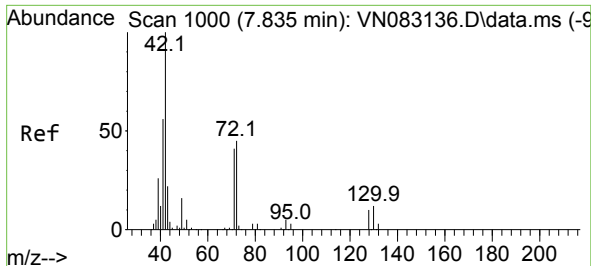
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 30.5 21.8 32.6



#25
2-Butanone
Concen: 0.761 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.023 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

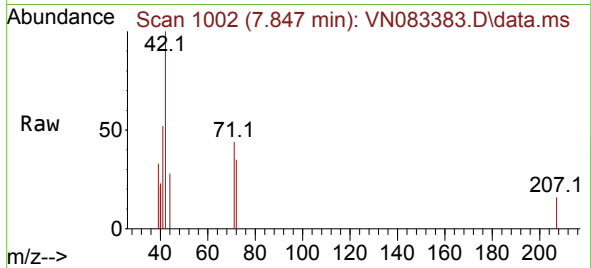
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



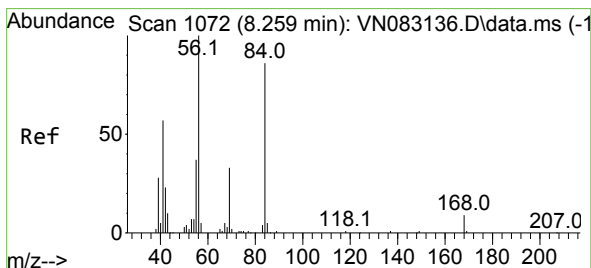
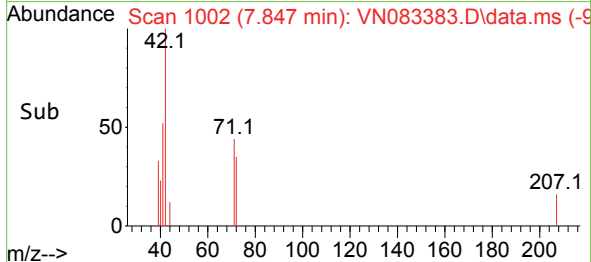
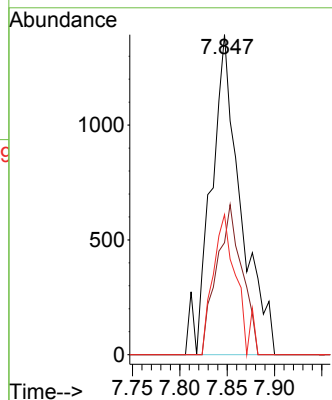


#29
Tetrahydrofuran
Concen: 4.027 ug/l
RT: 7.847 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :

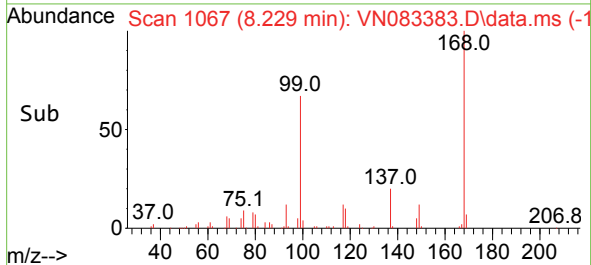
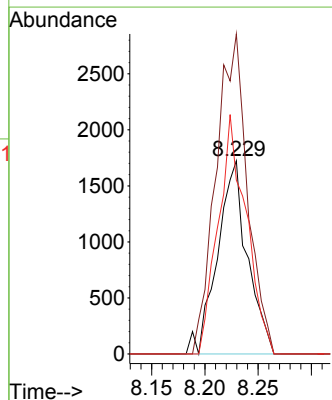
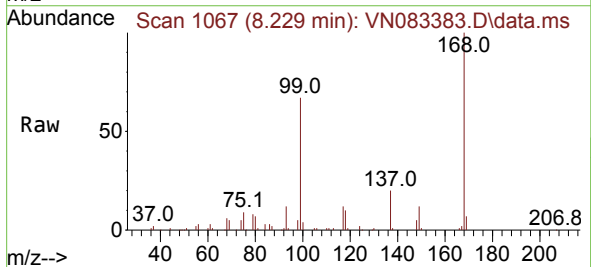


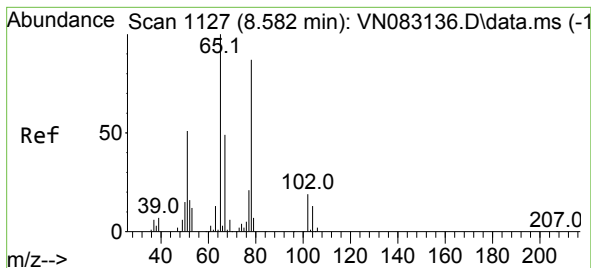
Tgt Ion: 42 Resp: 3034
Ion Ratio Lower Upper
42 100
72 40.0 30.0 45.0
71 34.5 28.3 42.5



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

Tgt Ion: 56 Resp: 3362
Ion Ratio Lower Upper
56 100
69 165.8 24.5 36.7#
84 90.0 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 53.345 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Instrument :

MSVOA_N

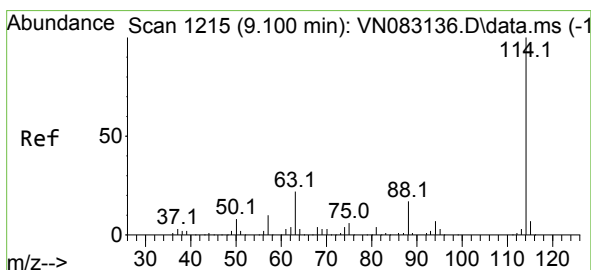
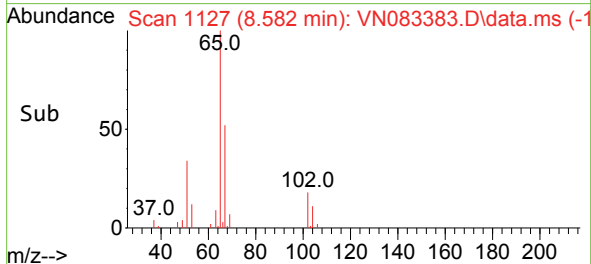
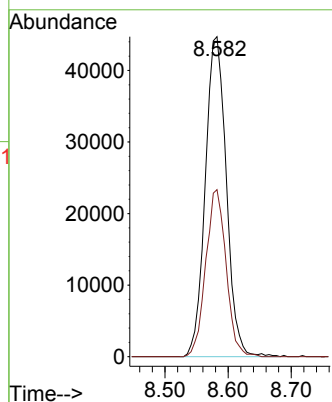
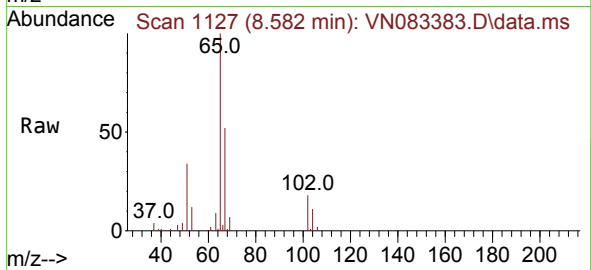
ClientSampleId :

Tgt Ion: 65 Resp: 103472

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

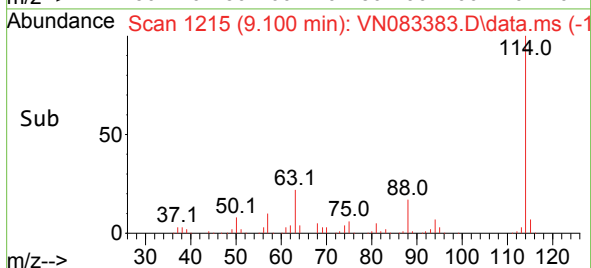
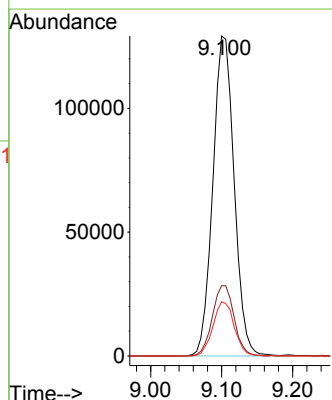
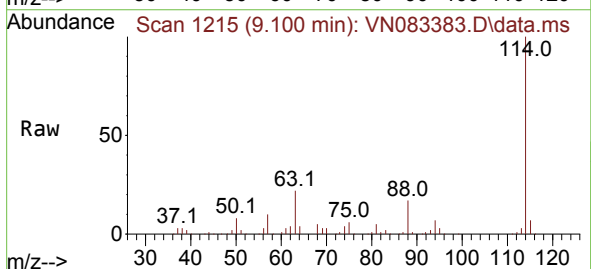
Tgt Ion: 114 Resp: 268732

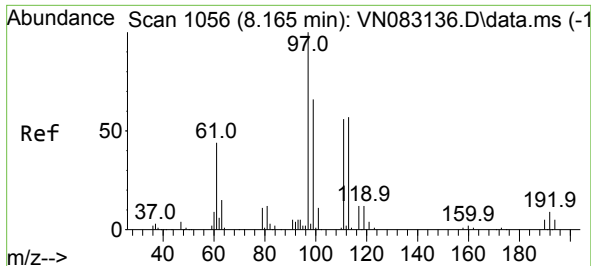
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 17.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.500 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

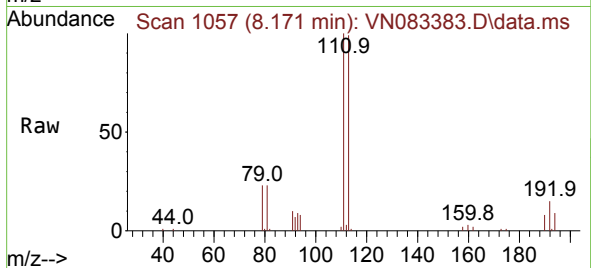
Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :



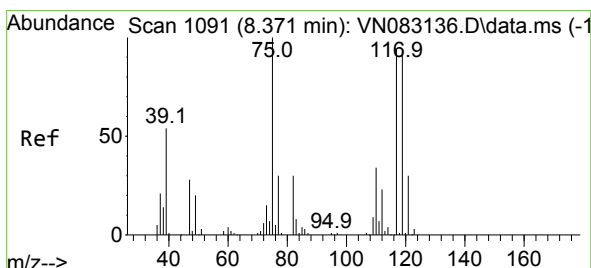
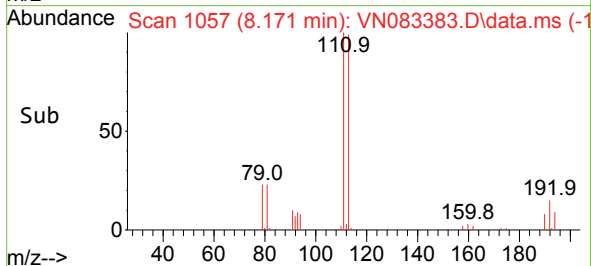
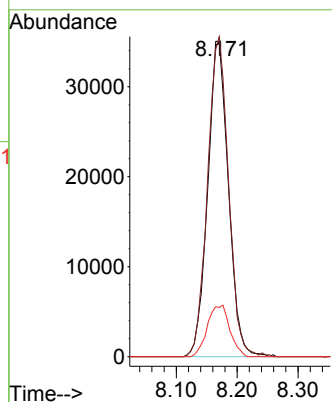
Tgt Ion:113 Resp: 83030

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 17.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.996 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

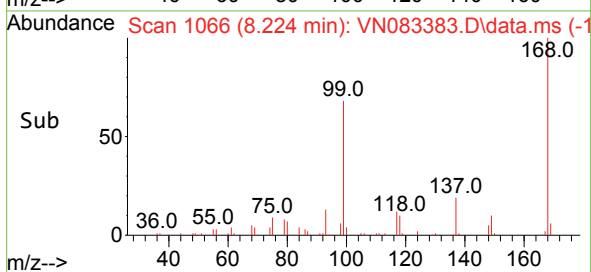
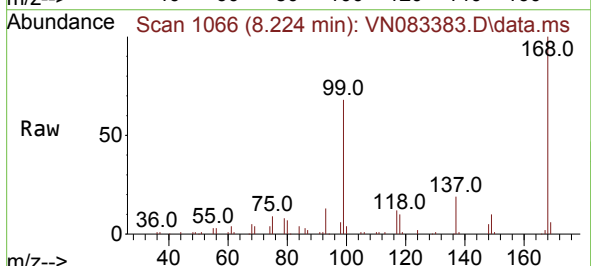
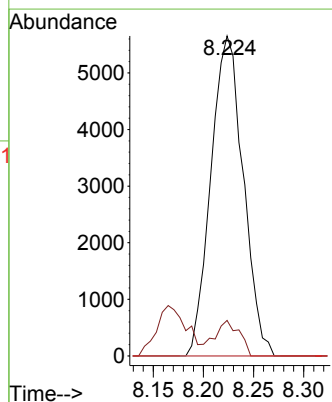
Tgt Ion: 75 Resp: 12678

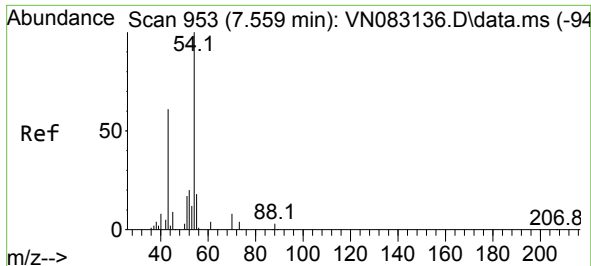
Ion Ratio Lower Upper

75 100

110 8.2 16.3 48.9#

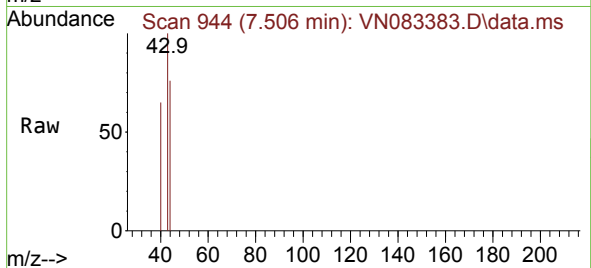
77 0.0 24.6 37.0#



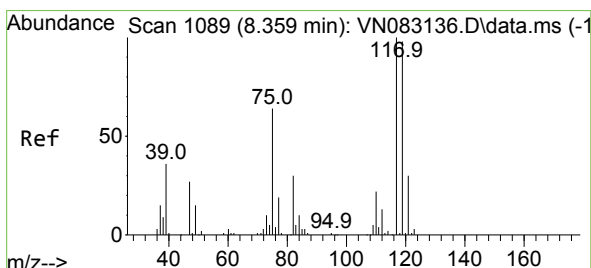
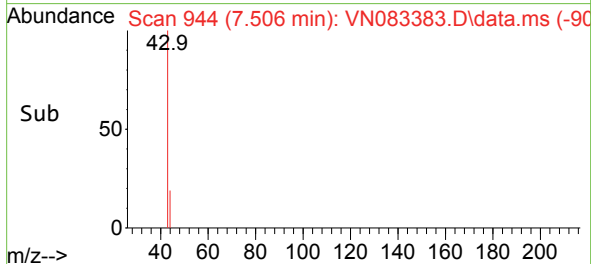
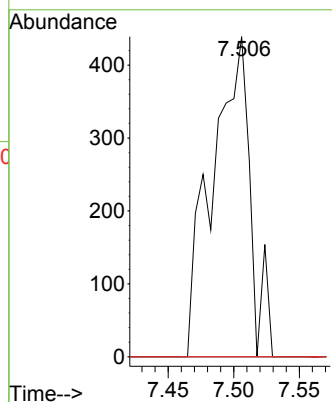


#37
Ethyl Acetate
Concen: 0.312 ug/l
RT: 7.506 min Scan# 94
Delta R.T. -0.053 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :

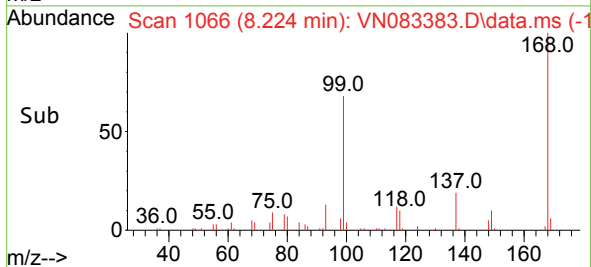
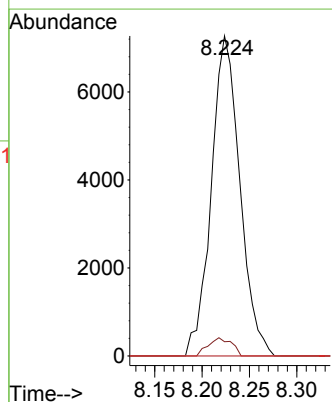
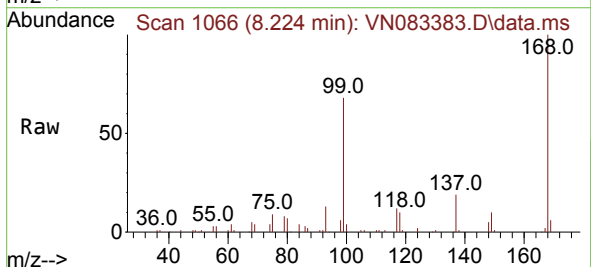


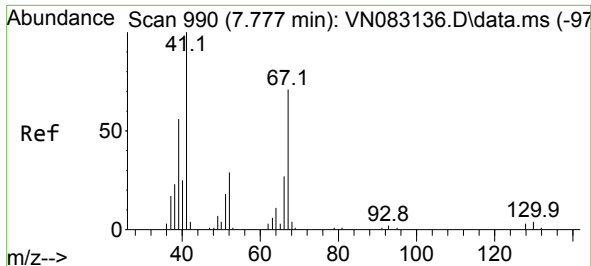
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.339 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

Tgt Ion: 117 Resp: 15259
Ion Ratio Lower Upper
117 100
119 4.5 74.9 112.3#
121 0.0 24.3 36.5#

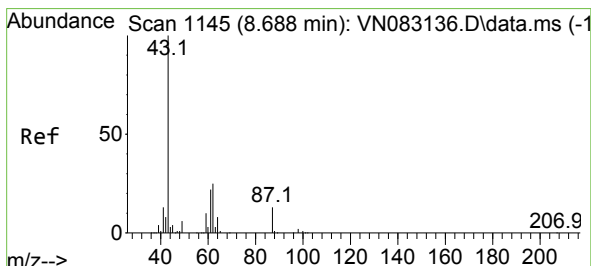
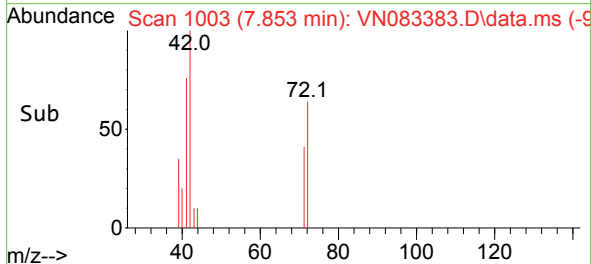
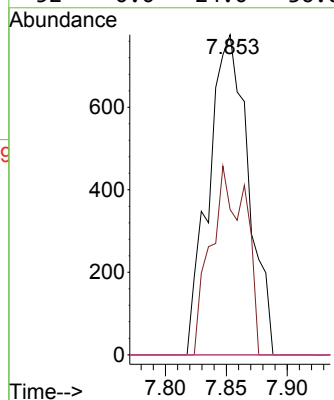
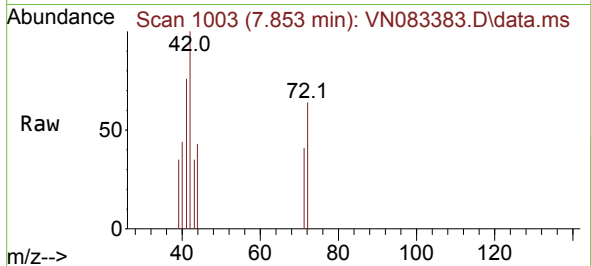




#41
Methacrylonitrile
Concen: 1.088 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.076 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

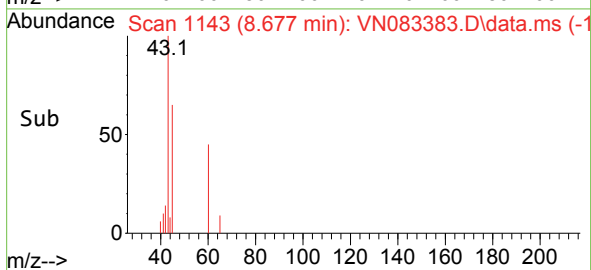
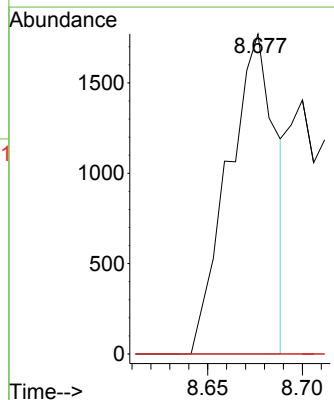
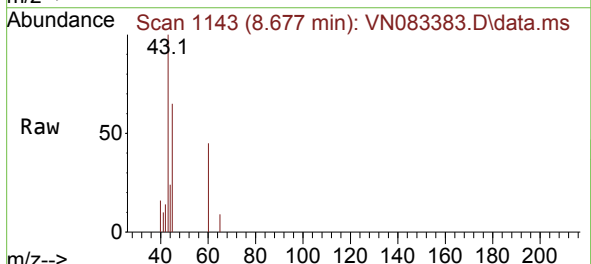
Instrument :
MSVOA_N
ClientSampleId :

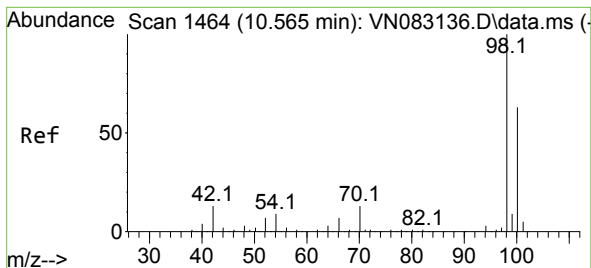
Tgt Ion: 41 Resp: 1758
Ion Ratio Lower Upper
41 100
39 51.5 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

Tgt Ion: 43 Resp: 3092
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 48.699 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Instrument :

MSVOA_N

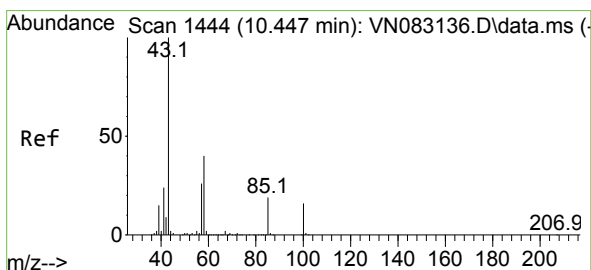
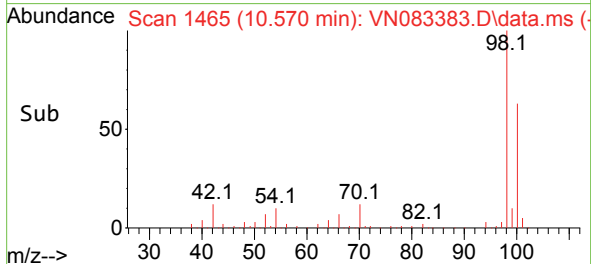
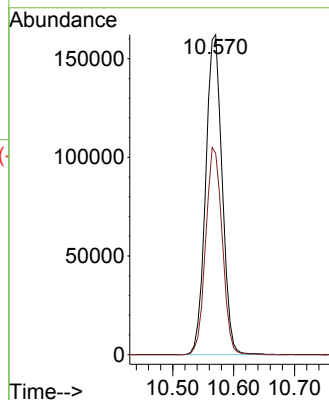
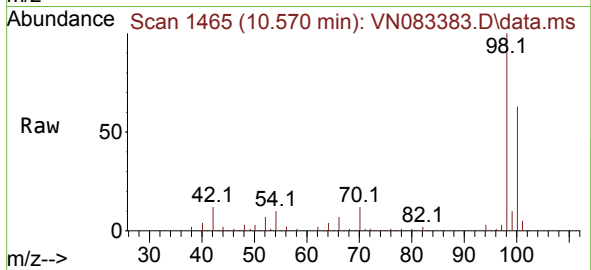
ClientSampleId :

Tgt Ion: 98 Resp: 304710

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.610 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083383.D

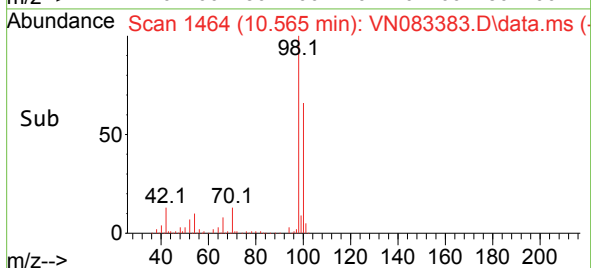
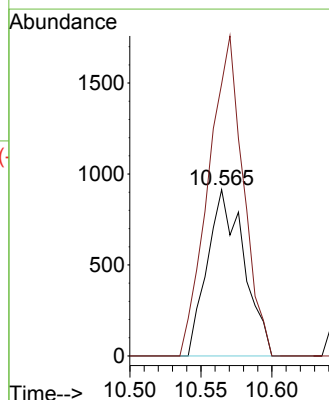
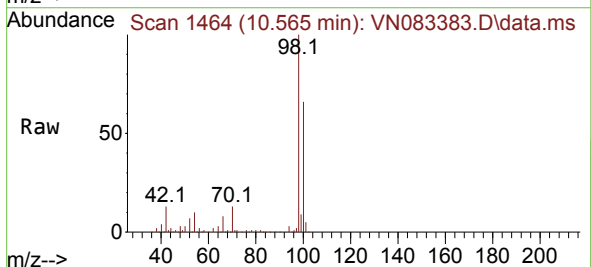
Acq: 19 Aug 2024 19:30

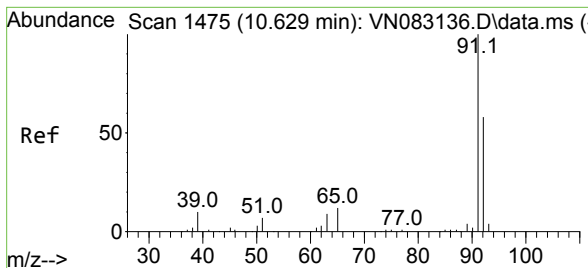
Tgt Ion: 43 Resp: 1638

Ion Ratio Lower Upper

43 100

58 183.2 28.2 42.4#





#52

Toluene

Concen: 0.258 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Instrument :

MSVOA_N

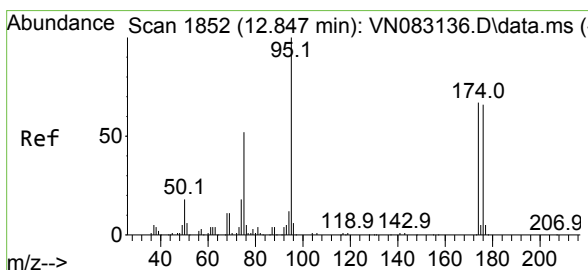
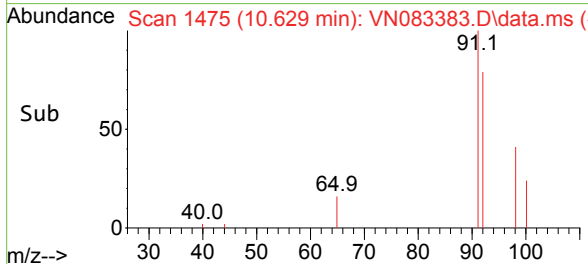
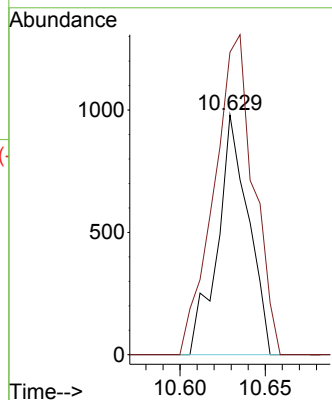
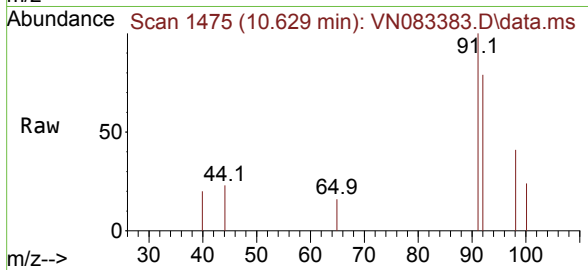
ClientSampleId :

Tgt Ion: 92 Resp: 1234

Ion Ratio Lower Upper

92 100

91 171.6 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 52.154 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

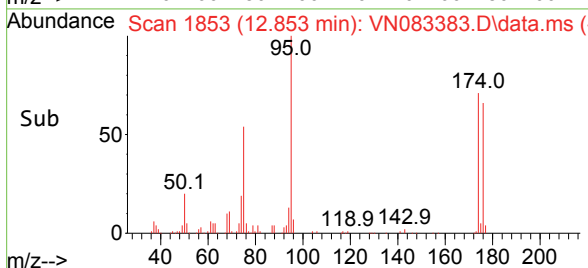
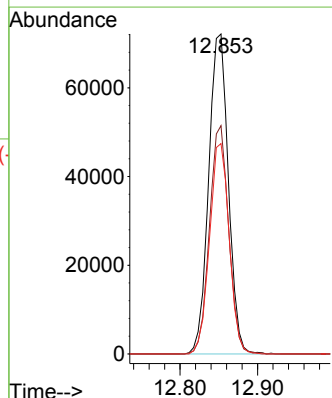
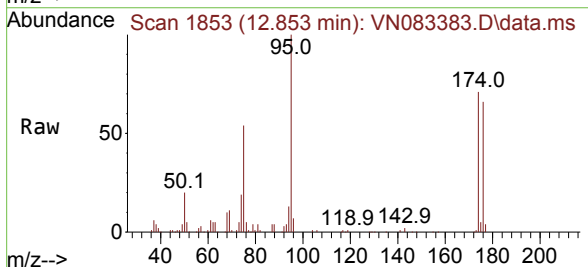
Tgt Ion: 95 Resp: 127222

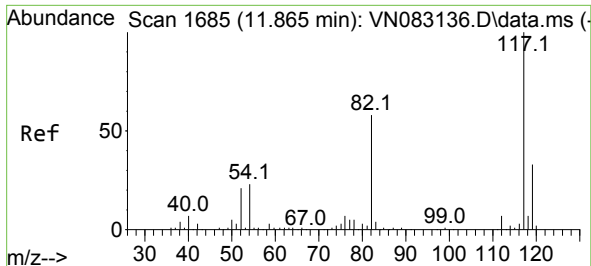
Ion Ratio Lower Upper

95 100

174 69.7 0.0 159.2

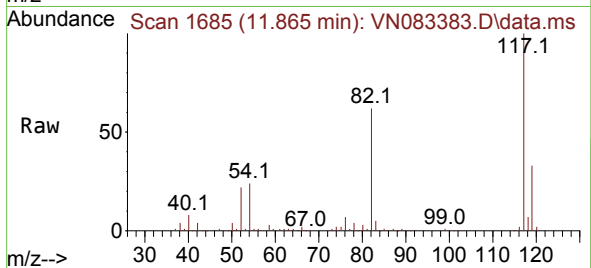
176 65.6 0.0 147.6



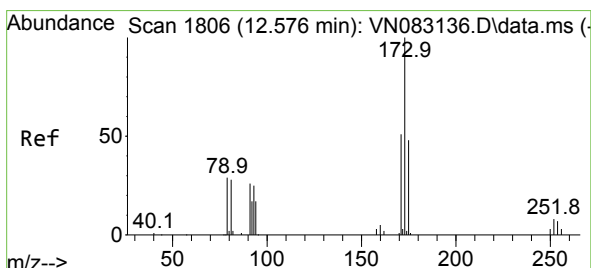
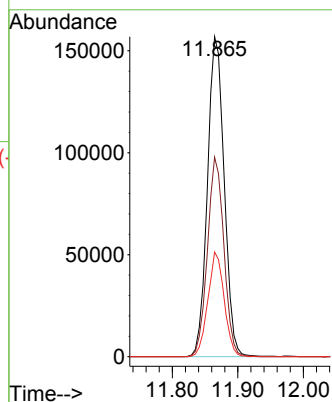
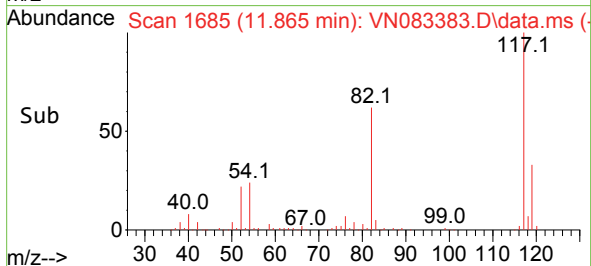


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

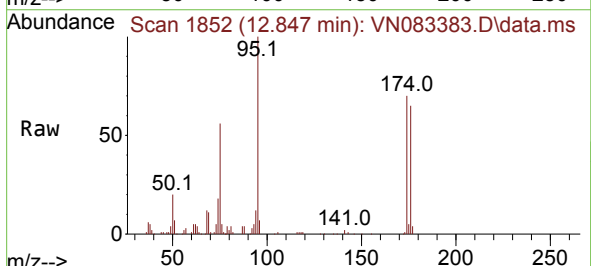
Instrument :
MSVOA_N
ClientSampleId :



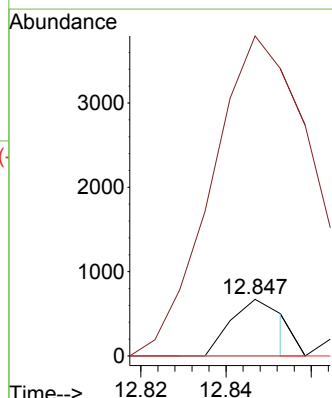
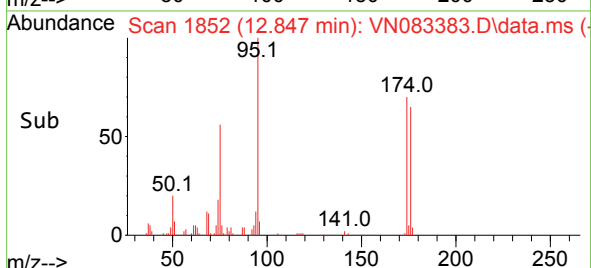
Tgt Ion:117 Resp: 278824
Ion Ratio Lower Upper
117 100
82 62.4 47.5 71.3
119 32.7 25.6 38.4

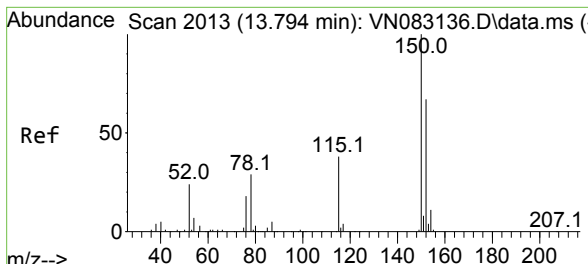


#71
Bromoform
Concen: 0.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30



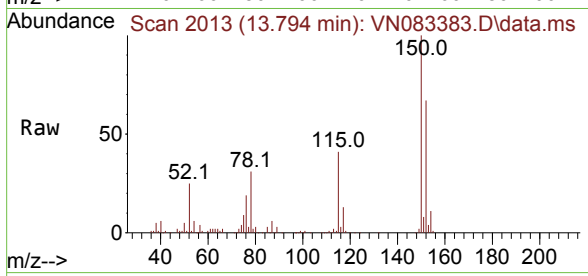
Tgt Ion:173 Resp: 563
Ion Ratio Lower Upper
173 100
175 812.3 24.0 72.0#
254 0.0 0.0 0.0



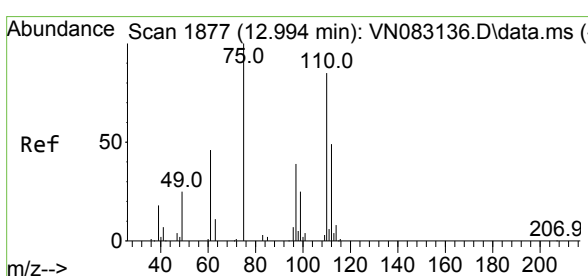
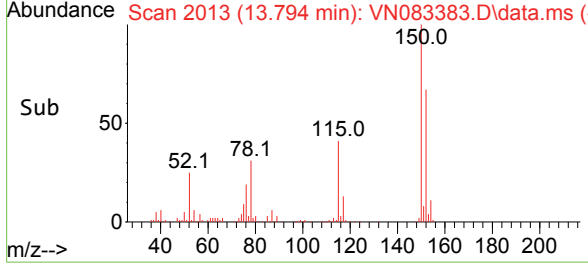
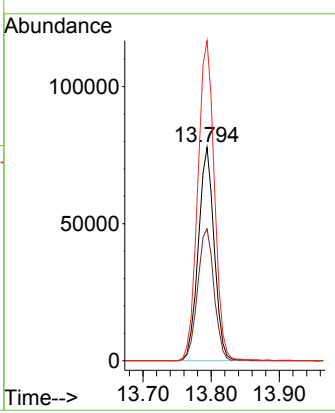


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083383.D
 Acq: 19 Aug 2024 19:30

Instrument :
 MSVOA_N
 ClientSampleId :

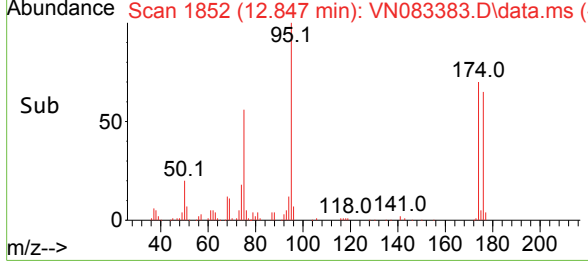
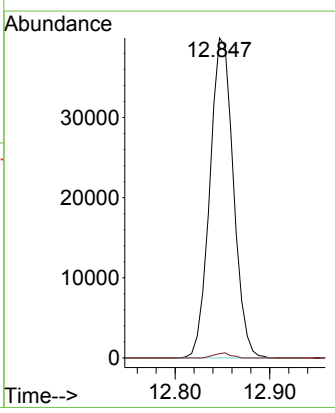
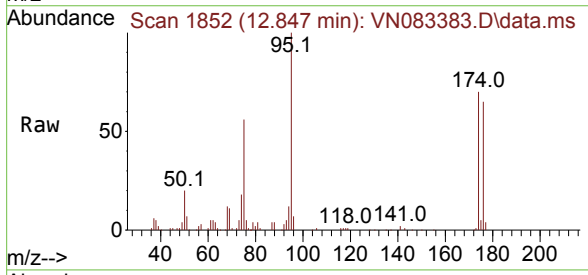


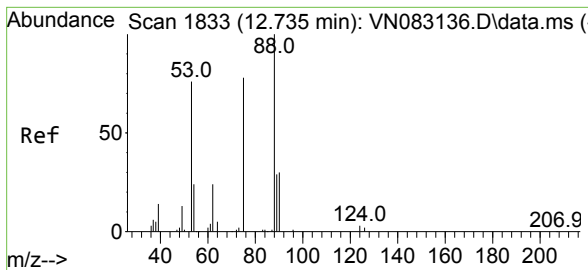
Tgt Ion:	152	Resp:	125925
Ion	Ratio	Lower	Upper
152	100		
115	64.1	30.6	91.6
150	157.2	0.0	348.6



#76
 1,2,3-Trichloropropane
 Concen: 24.983 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083383.D
 Acq: 19 Aug 2024 19:30

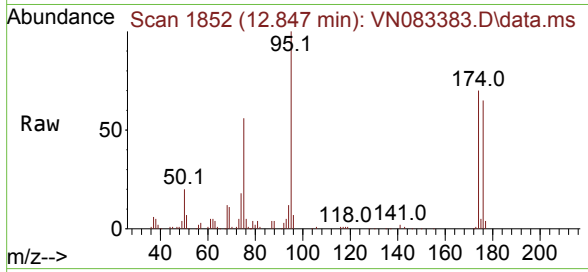
Tgt Ion:	75	Resp:	69047
Ion	Ratio	Lower	Upper
75	100		
77	1.1	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.344 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083383.D
 Acq: 19 Aug 2024 19:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

