

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083760.D
 Acq On : 10 Sep 2024 18:32
 Operator : JC\MD
 Sample : P3868-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-01-170-090524

Quant Time: Sep 11 03:17:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

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

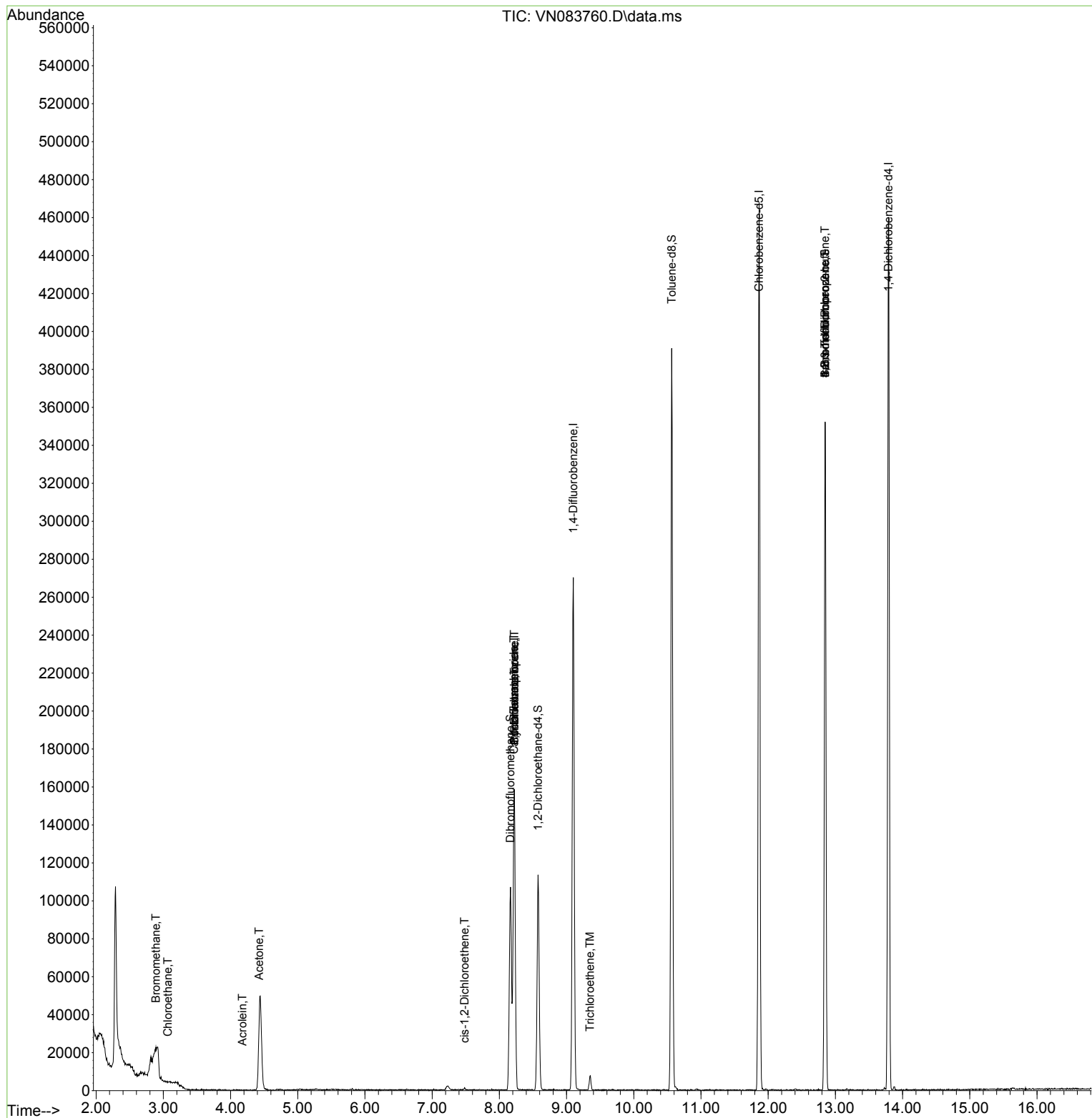
Internal Standards						
1) Pentafluorobenzene	8.224	168	108735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	224345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	247614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	93338	56.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.860%			
35) Dibromofluoromethane	8.165	113	74628	51.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	10.565	98	258517	52.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.140%			
62) 4-Bromofluorobenzene	12.847	95	121508	59.316	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.640%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	1693	Below Cal	#	87
5) Bromomethane	2.889	94	268	0.337	ug/l #	80
6) Chloroethane	3.065	64	453	0.467	ug/l #	45
13) Acrolein	4.177	56	121	0.559	ug/l #	13
16) Acetone	4.424	43	1714	2.608	ug/l #	45
18) Methyl Acetate	5.012	43	741	Below Cal	#	52
27) cis-1,2-Dichloroethene	7.482	96	591	0.395	ug/l #	56
31) Cyclohexane	8.224	56	2722	1.149	ug/l #	14
36) 1,1-Dichloropropene	8.224	75	10212	4.724	ug/l #	48
38) Carbon Tetrachloride	8.218	117	12712	5.183	ug/l #	16
44) Trichloroethene	9.347	130	2684	1.781	ug/l	85
71) Bromoform	12.847	173	586	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67820	29.369	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67820	75.021	ug/l #	9

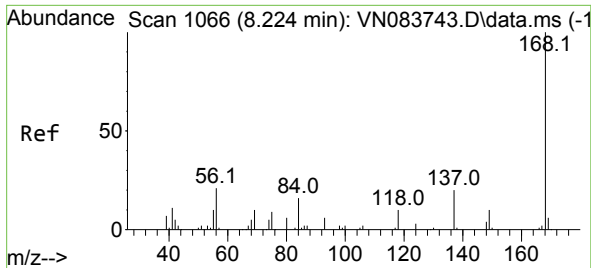
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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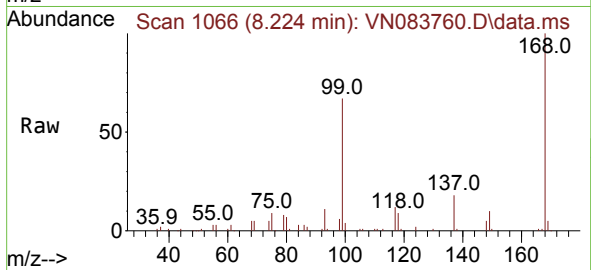
Quant Time: Sep 11 03:17:59 2024
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Quant Title : SW846 8260
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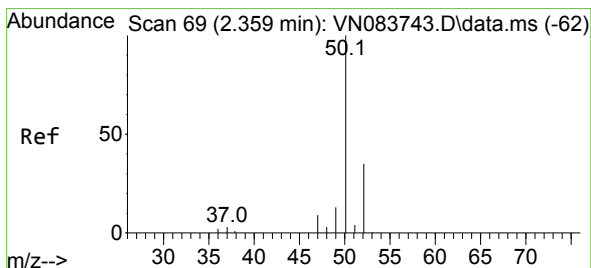
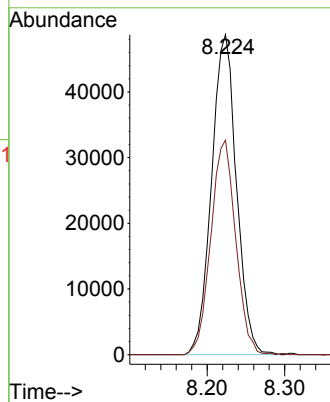
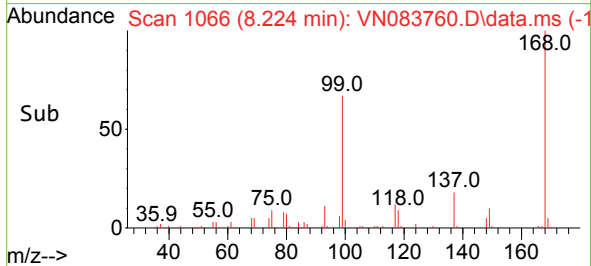


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
OWBR-01-170-090524

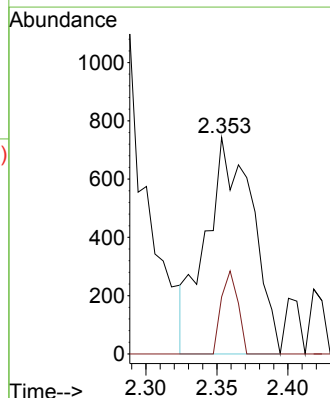
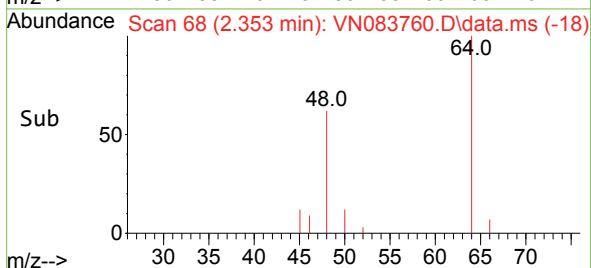
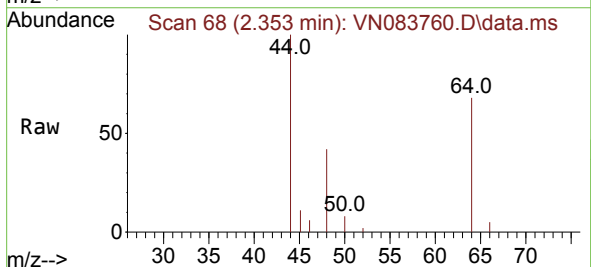


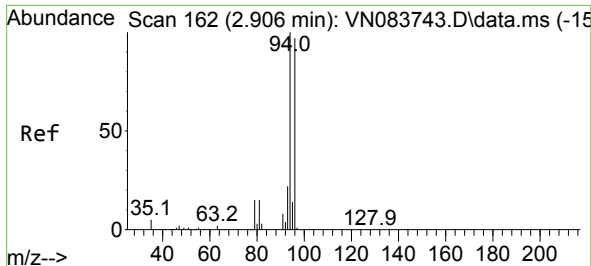
Tgt Ion:168 Resp: 108735
Ion Ratio Lower Upper
168 100
99 67.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

Tgt Ion: 50 Resp: 1693
Ion Ratio Lower Upper
50 100
52 26.4 27.2 40.8#

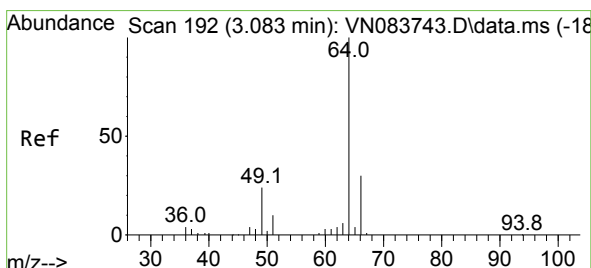
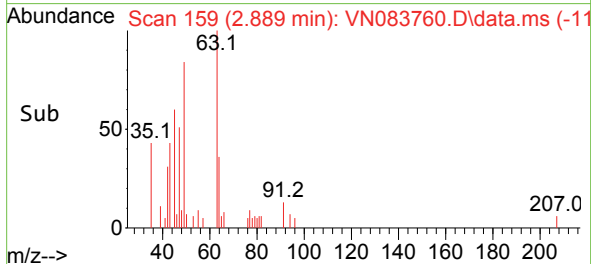
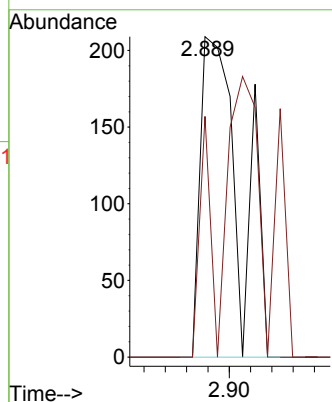
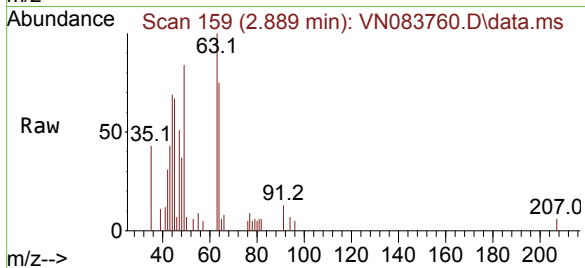




#5
Bromomethane
Concen: 0.337 ug/l
RT: 2.889 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

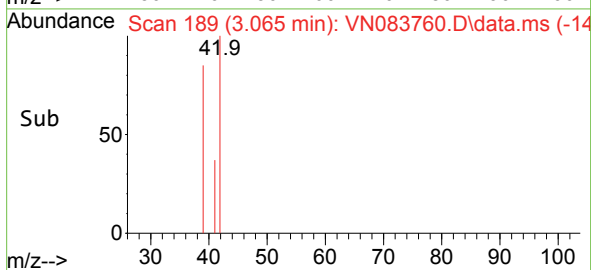
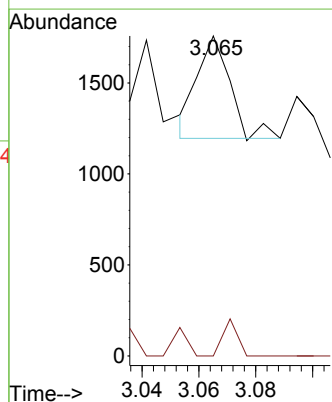
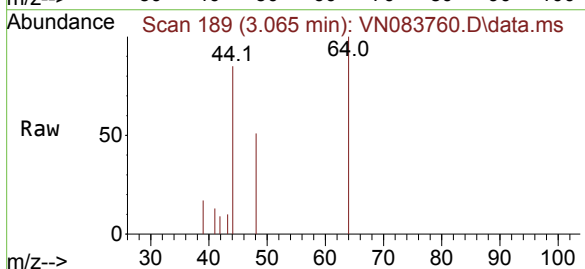
Instrument :
MSVOA_N
ClientSampleId :
OWBR-01-170-090524

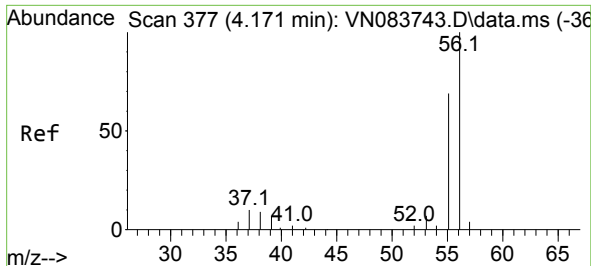
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 75.1 76.0 114.0#



#6
Chloroethane
Concen: 0.467 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.018 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

Tgt Ion: 64 Resp: 453
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#13

Acrolein

Concen: 0.559 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083760.D

Acq: 10 Sep 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

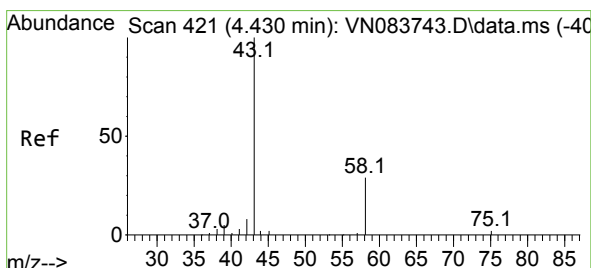
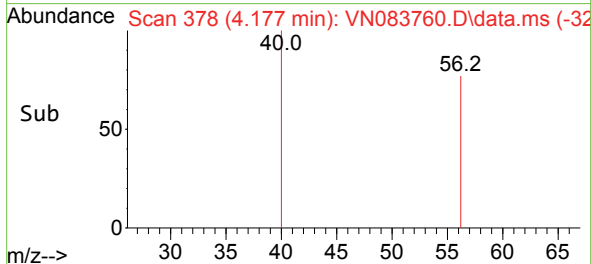
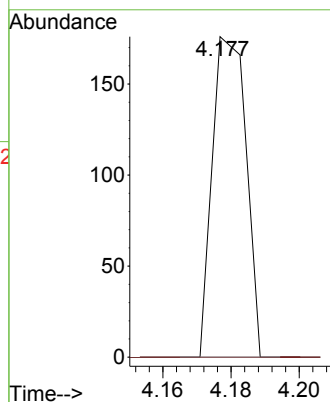
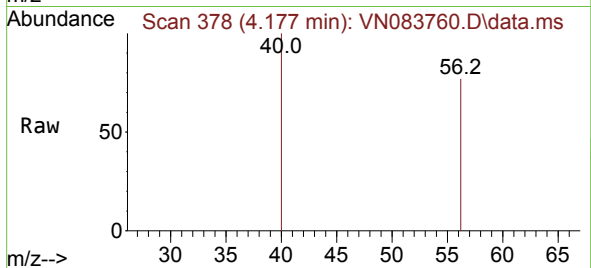
OWBR-01-170-090524

Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#



#16

Acetone

Concen: 2.608 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.006 min

Lab File: VN083760.D

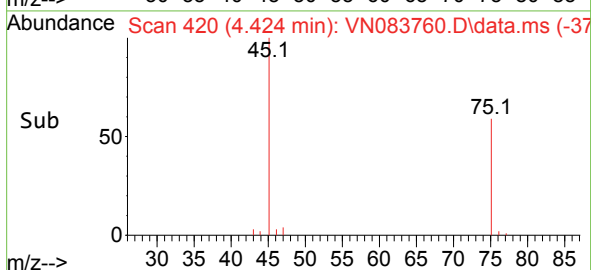
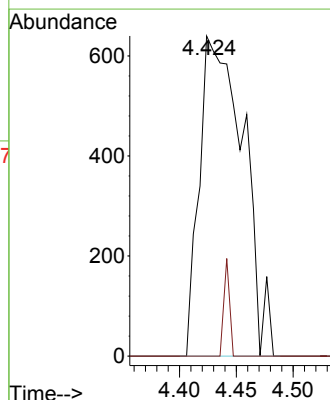
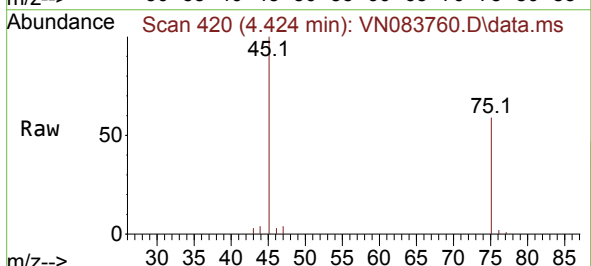
Acq: 10 Sep 2024 18:32

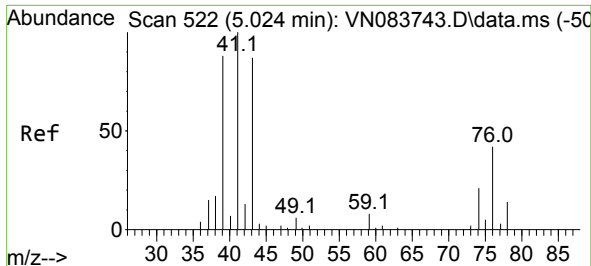
Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.012 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN083760.D

Acq: 10 Sep 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

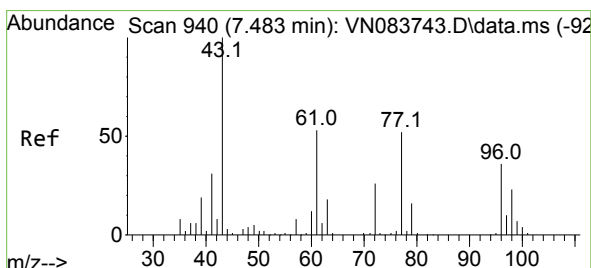
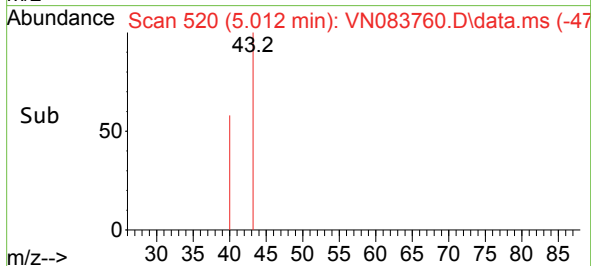
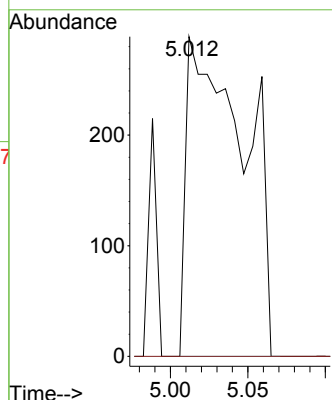
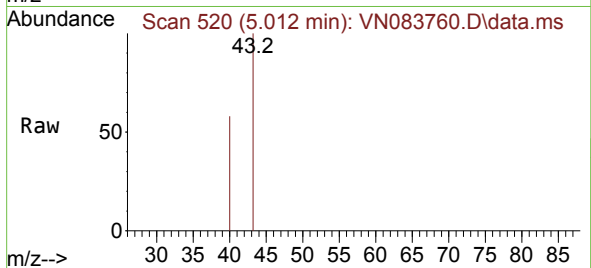
OWBR-01-170-090524

Tgt Ion: 43 Resp: 741

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#27

cis-1,2-Dichloroethene

Concen: 0.395 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083760.D

Acq: 10 Sep 2024 18:32

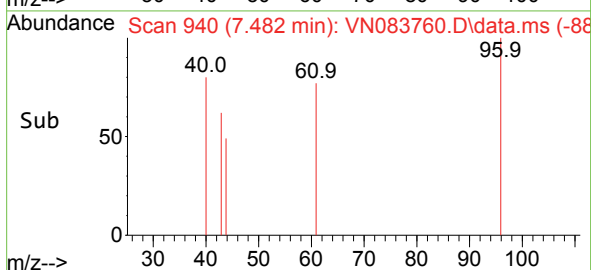
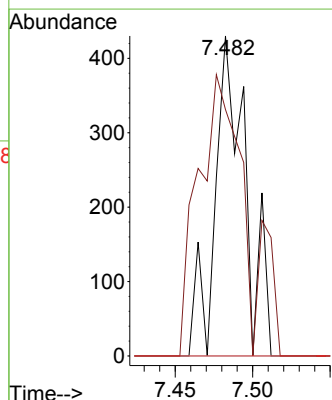
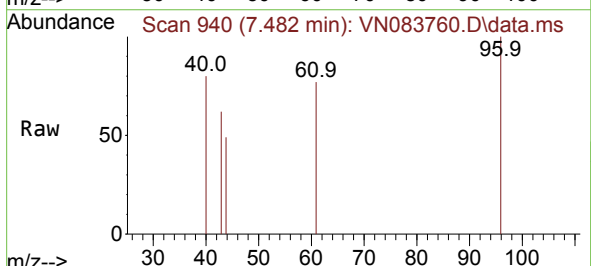
Tgt Ion: 96 Resp: 591

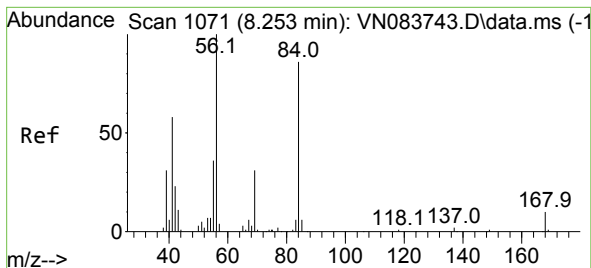
Ion Ratio Lower Upper

96 100

61 116.8 0.0 306.2

98 0.0 0.0 128.6





#31

Cyclohexane

Concen: 1.149 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN083760.D

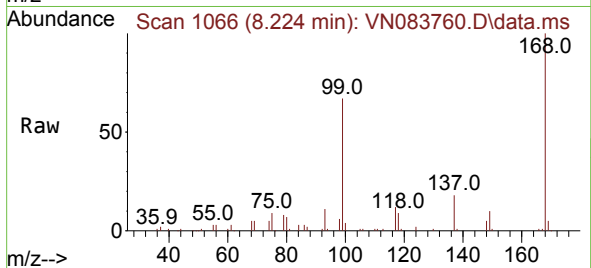
Acq: 10 Sep 2024 18:32

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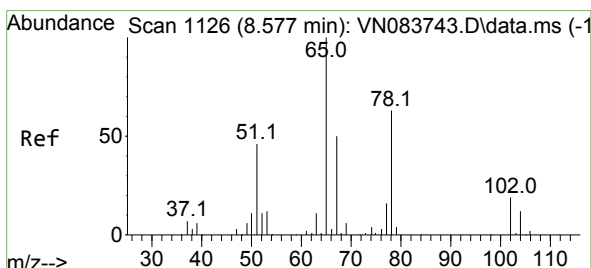
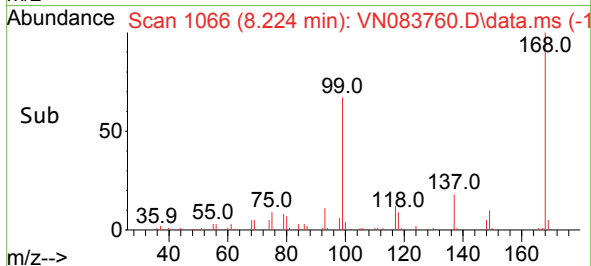
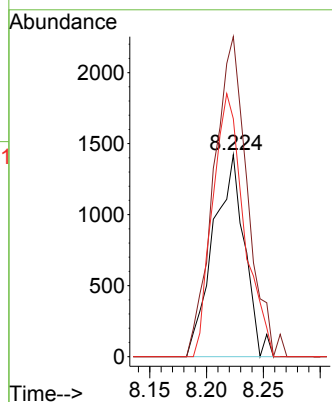
Tgt Ion: 56 Resp: 2722

Ion Ratio Lower Upper

56 100

69 158.6 26.9 40.3#

84 117.9 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 56.928 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083760.D

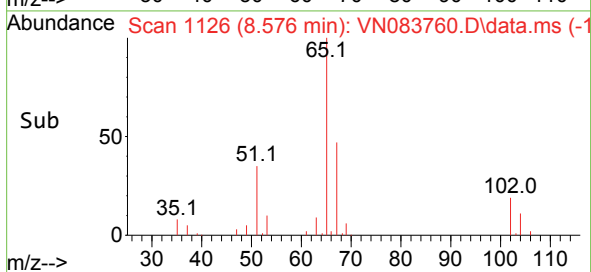
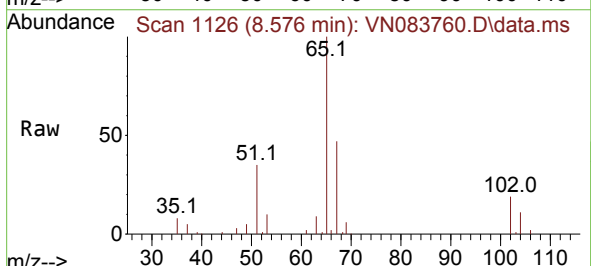
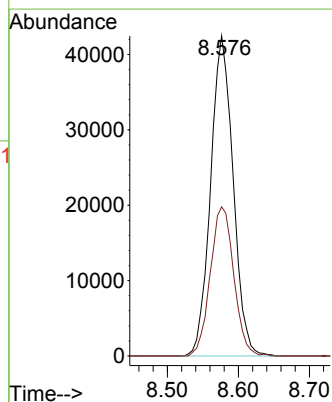
Acq: 10 Sep 2024 18:32

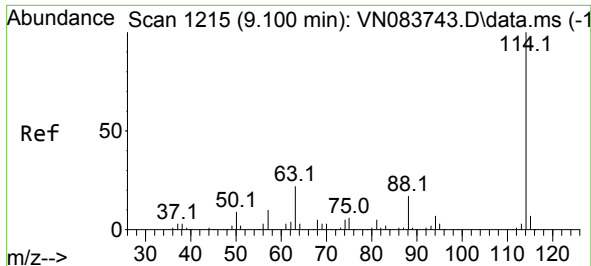
Tgt Ion: 65 Resp: 93338

Ion Ratio Lower Upper

65 100

67 48.7 0.0 100.8

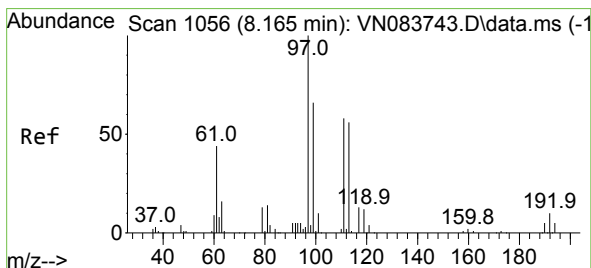
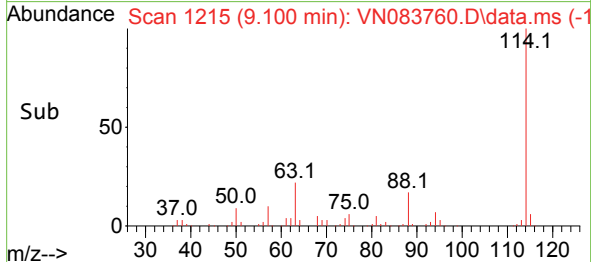
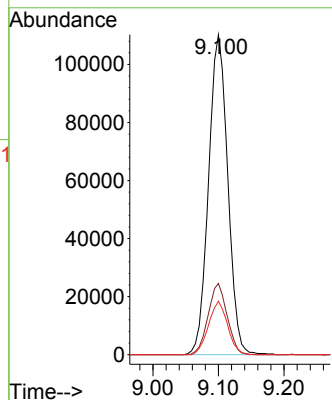
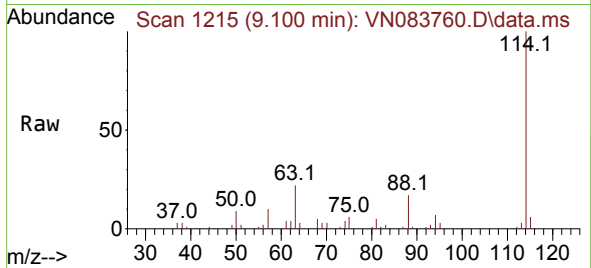




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

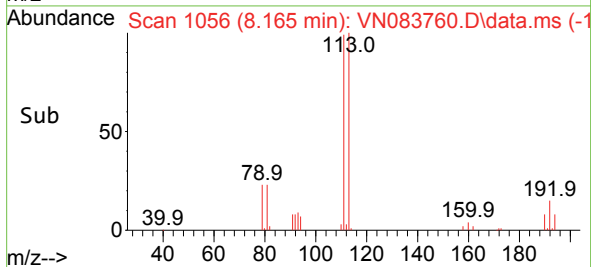
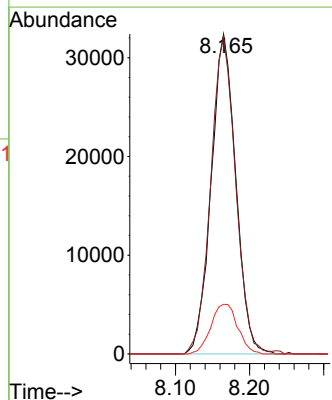
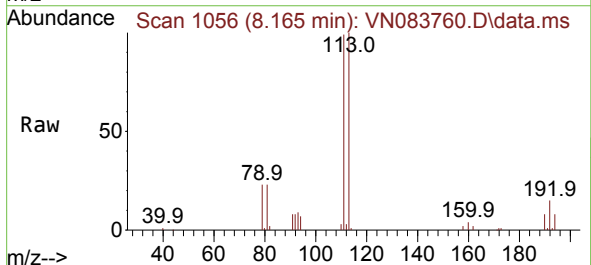
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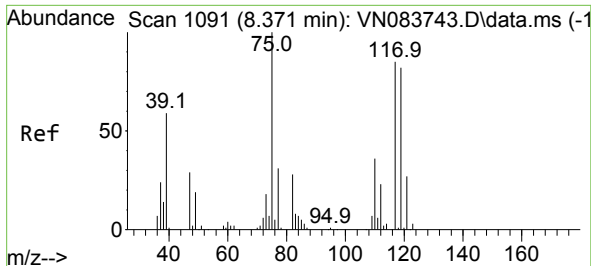
Tgt Ion:114 Resp: 224345
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.4
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.961 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

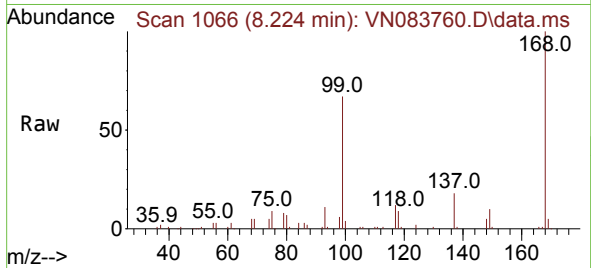
Tgt Ion:113 Resp: 74628
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 16.9 14.3 21.5



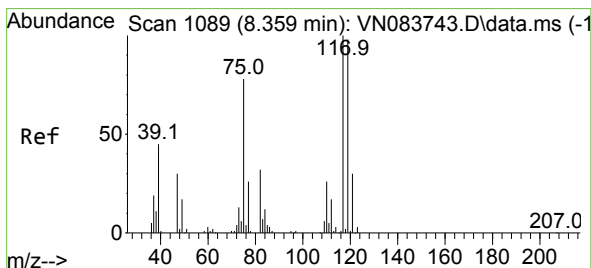
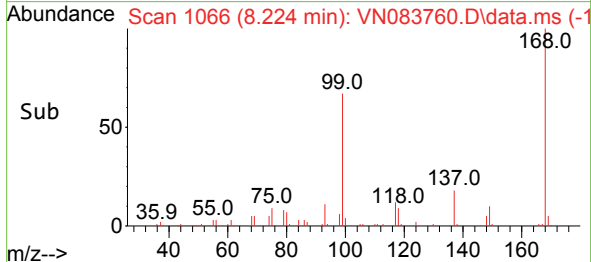
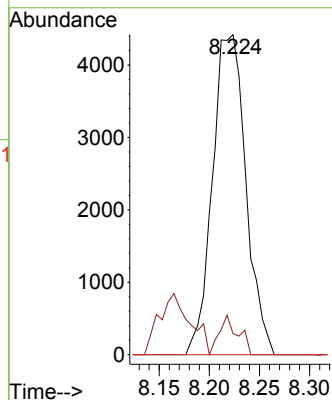


#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
OWBR-01-170-090524

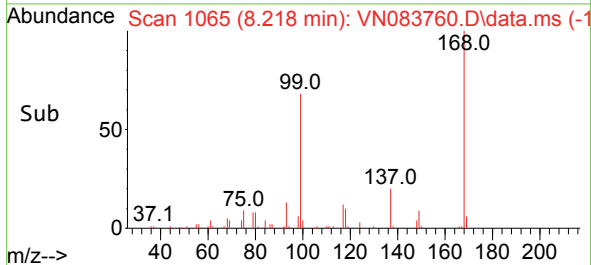
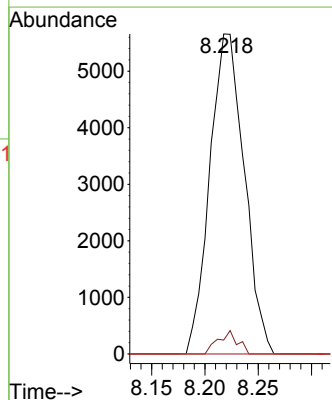
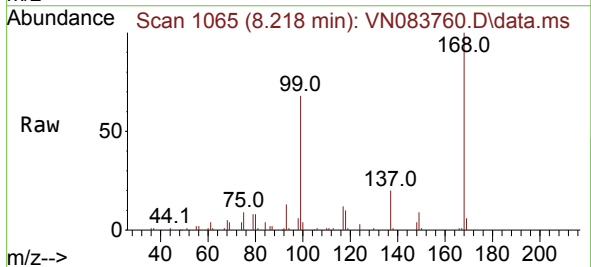


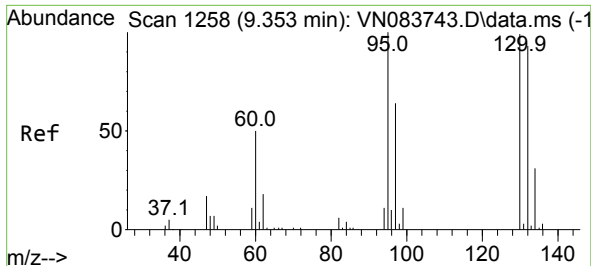
Tgt Ion: 75 Resp: 10212
Ion Ratio Lower Upper
75 100
110 6.8 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.183 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

Tgt Ion: 117 Resp: 12712
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.1 36.1#

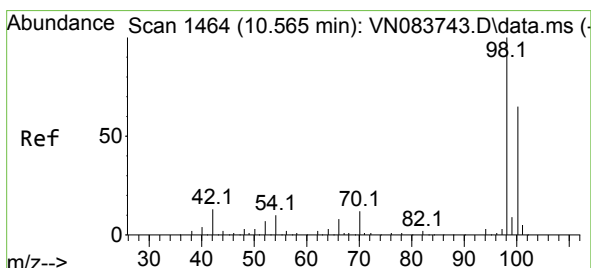
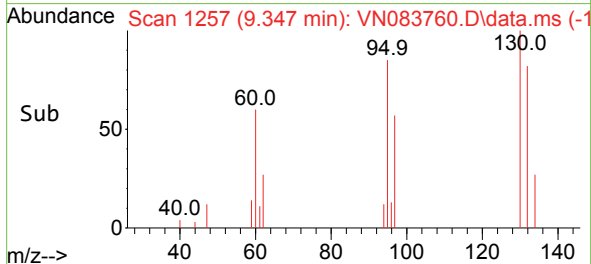
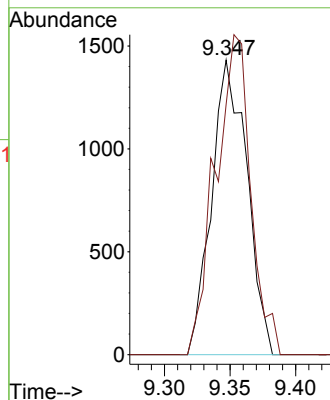
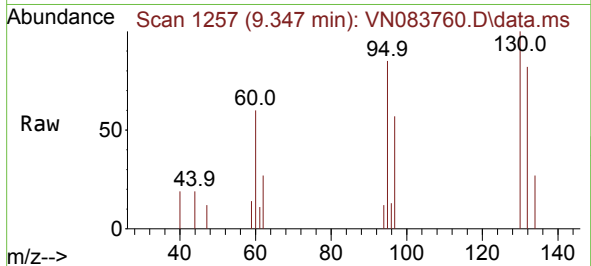




#44
Trichloroethene
Concen: 1.781 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

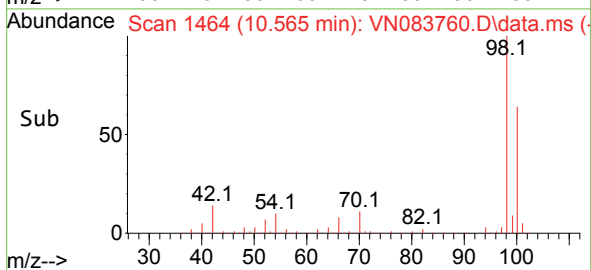
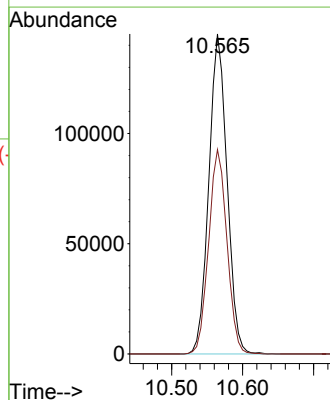
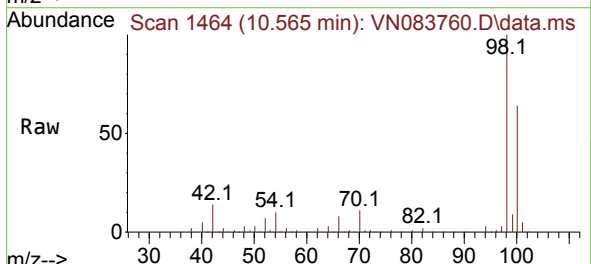
Instrument :
MSVOA_N
ClientSampleId :
OWBR-01-170-090524

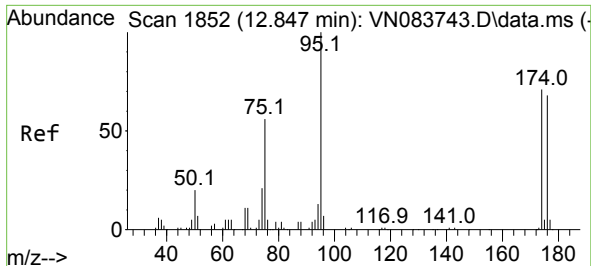
Tgt Ion:130 Resp: 2684
Ion Ratio Lower Upper
130 100
95 85.0 0.0 200.4



#50
Toluene-d8
Concen: 52.067 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

Tgt Ion: 98 Resp: 258517
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

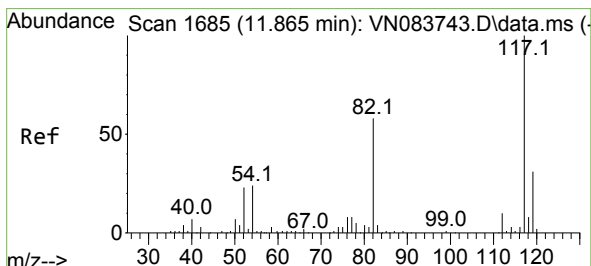
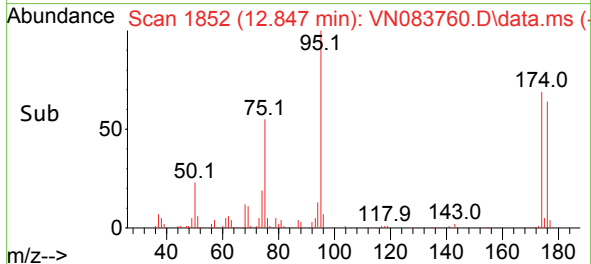
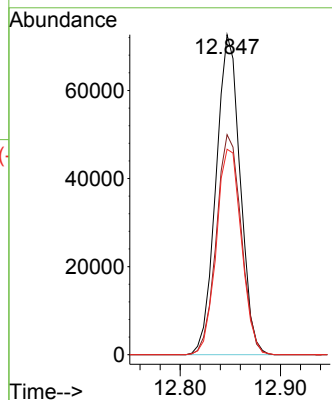
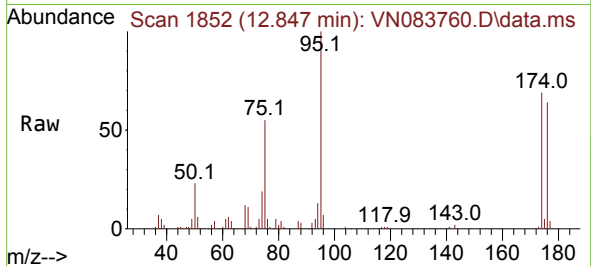




#62
4-Bromofluorobenzene
Concen: 59.316 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

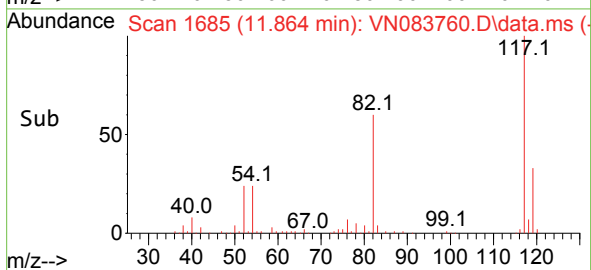
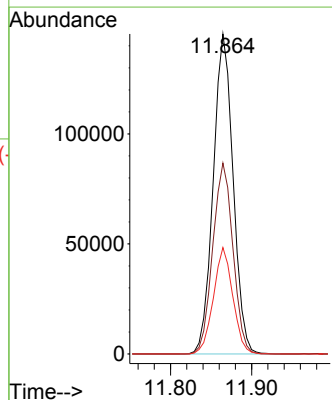
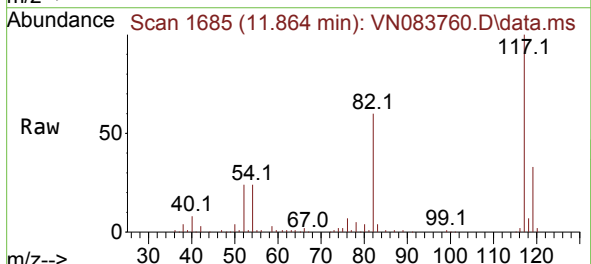
Instrument :
MSVOA_N
ClientSampleId :
OWBR-01-170-090524

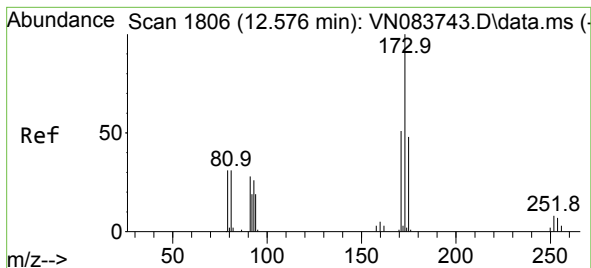
Tgt Ion: 95 Resp: 121508
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 66.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083760.D
Acq: 10 Sep 2024 18:32

Tgt Ion: 117 Resp: 247614
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 33.2 26.3 39.5





#71

Bromoform

Concen: 0.456 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN083760.D

Acq: 10 Sep 2024 18:32

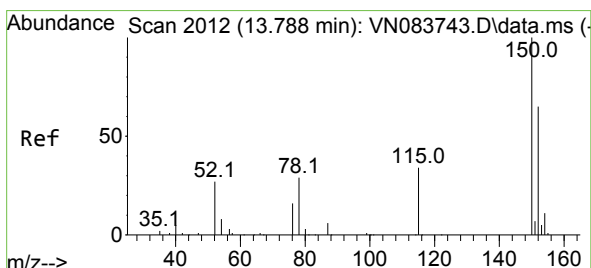
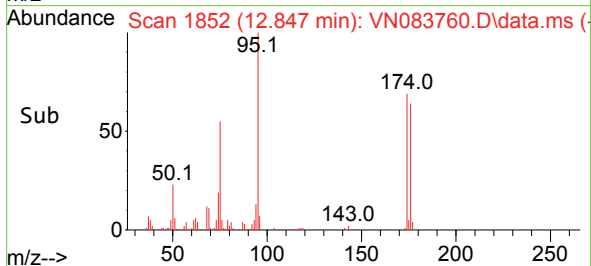
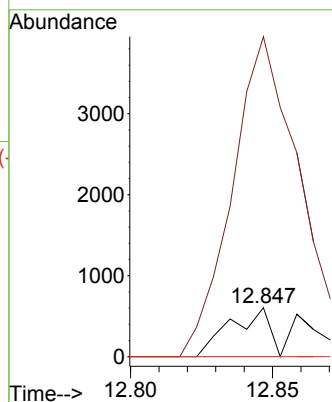
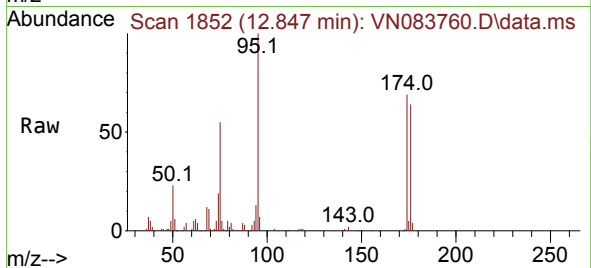
Instrument :

MSVOA_N

ClientSampleId :

OWBR-01-170-090524

Tgt Ion:	173	Resp:	586
Ion Ratio	Lower	Upper	
173	100		
175	813.8	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

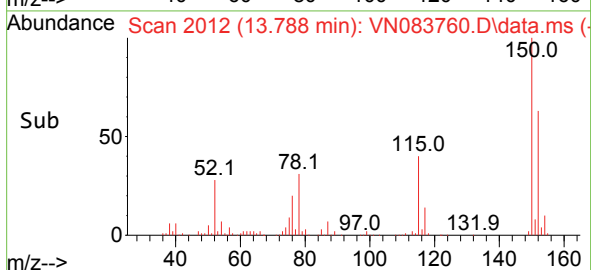
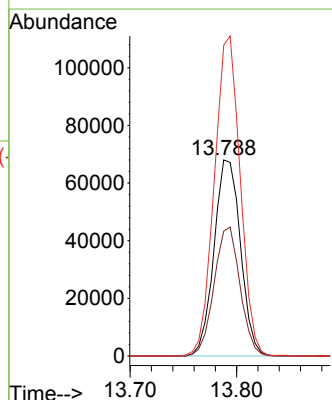
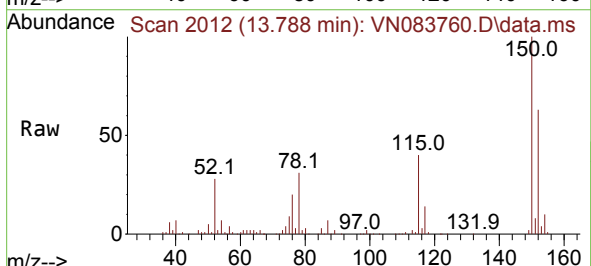
RT: 13.788 min Scan# 2012

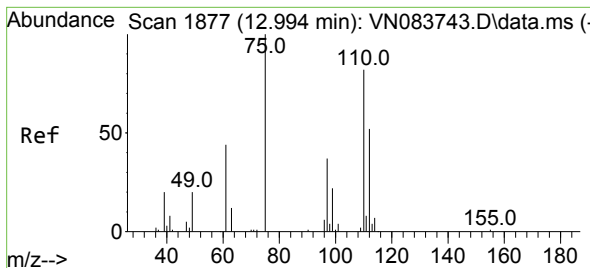
Delta R.T. -0.000 min

Lab File: VN083760.D

Acq: 10 Sep 2024 18:32

Tgt Ion:	152	Resp:	117340
Ion Ratio	Lower	Upper	
152	100		
115	64.4	32.2	96.6
150	159.5	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 29.369 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083760.D

Acq: 10 Sep 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

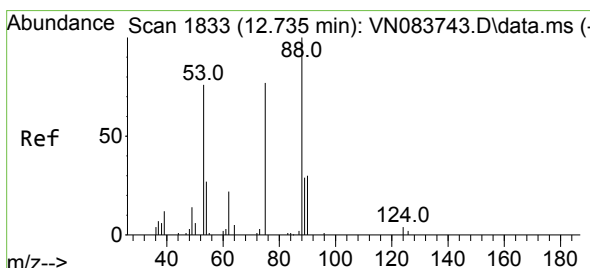
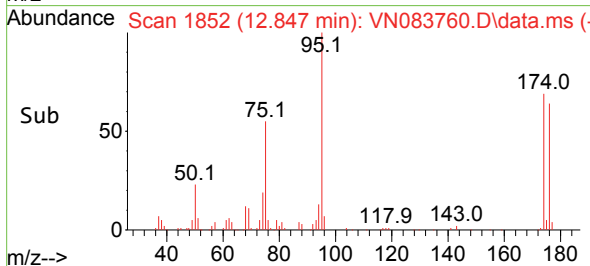
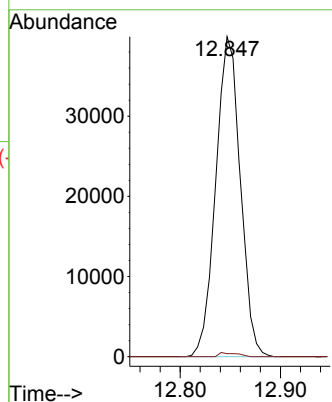
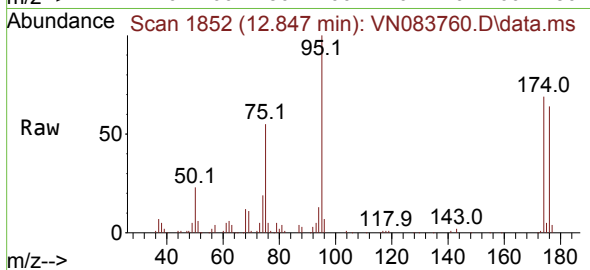
OWBR-01-170-090524

Tgt Ion: 75 Resp: 67820

Ion Ratio Lower Upper

75 100

77 0.9 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.021 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083760.D

Acq: 10 Sep 2024 18:32

Tgt Ion: 75 Resp: 67820

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

