

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084033.D
 Acq On : 19 Sep 2024 14:42
 Operator : JC\MD
 Sample : VN0919WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBL01

Quant Time: Sep 20 01:30:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

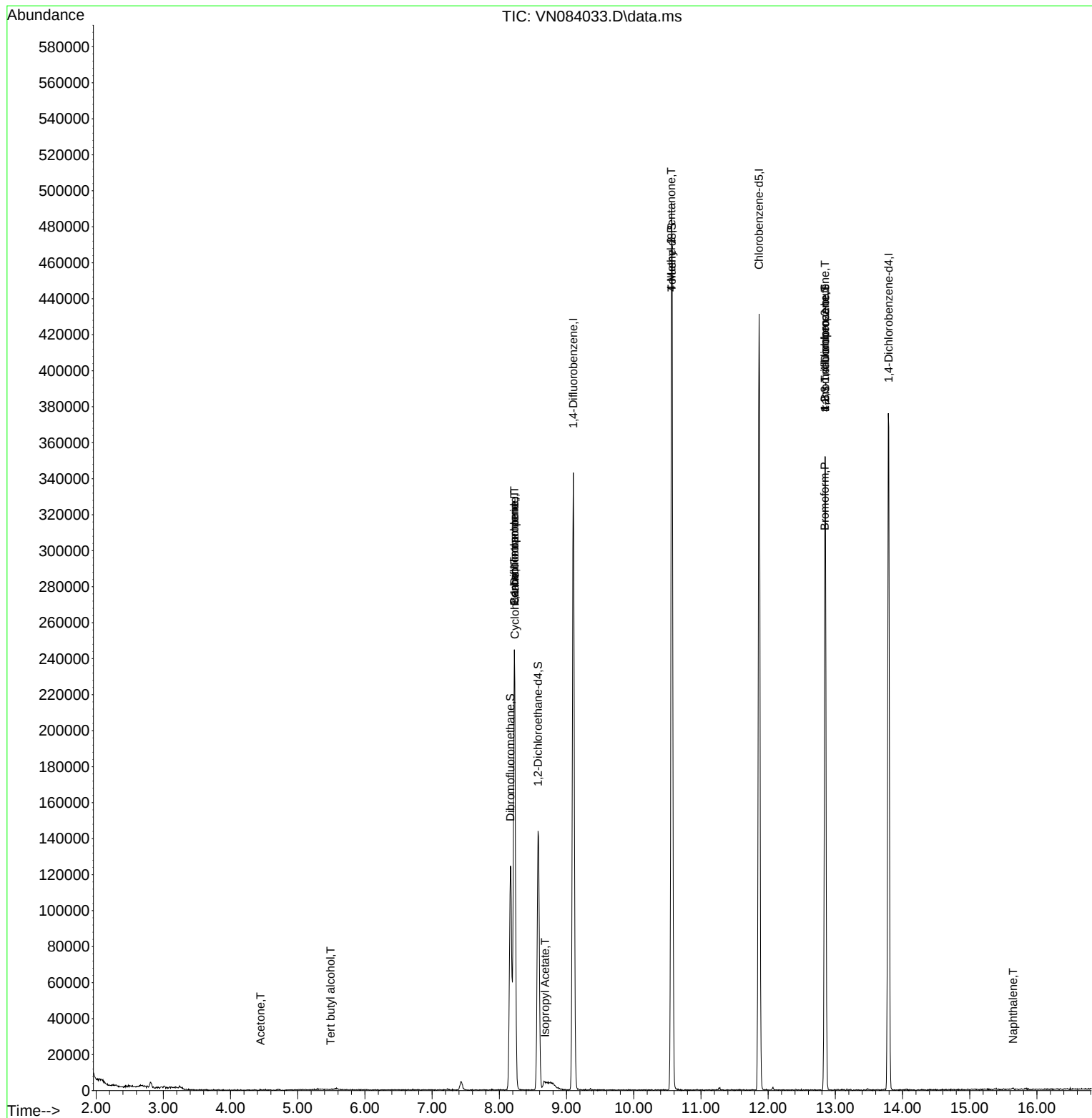
Internal Standards						
1) Pentafluorobenzene	8.224	168	162753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124086	50.563	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.120%	
35) Dibromofluoromethane	8.165	113	87971	49.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.460%	
50) Toluene-d8	10.565	98	327428	53.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	12.847	95	119551	47.381	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	236	Below Cal	#	41
11) Tert butyl alcohol	5.489	59	67	0.204	ug/l #	71
16) Acetone	4.448	43	208	0.211	ug/l #	45
18) Methyl Acetate	5.018	43	63	Below Cal	#	52
31) Cyclohexane	8.230	56	4721	1.331	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	15479	5.813	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19400	6.422	ug/l #	16
43) Isopropyl Acetate	8.683	43	4797	1.095	ug/l #	57
51) 4-Methyl-2-Pentanone	10.559	43	1670	0.700	ug/l #	1
71) Bromoform	12.841	173	480	0.399	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	67990	35.486	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67990	92.940	ug/l #	9
95) Naphthalene	15.647	128	1275	0.242	ug/l #	69

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

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Sample : VN0919WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBL01

Quant Time: Sep 20 01:30:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

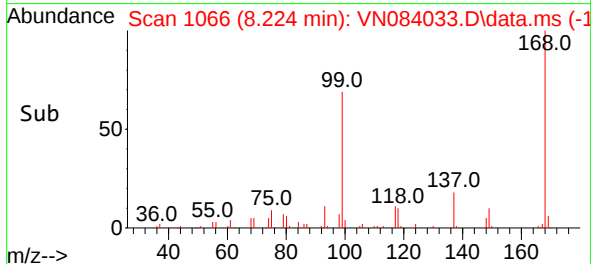
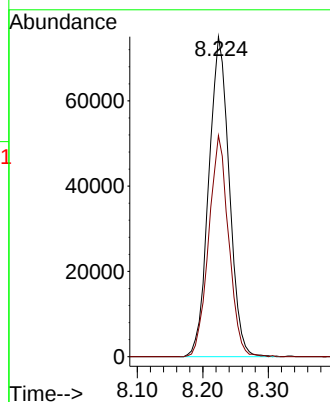
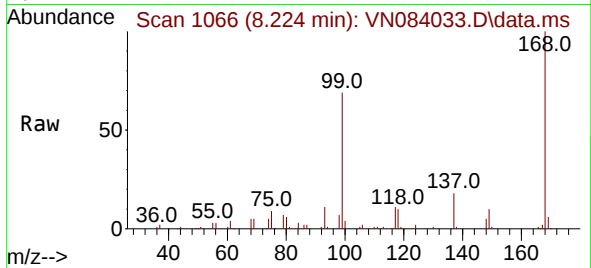




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

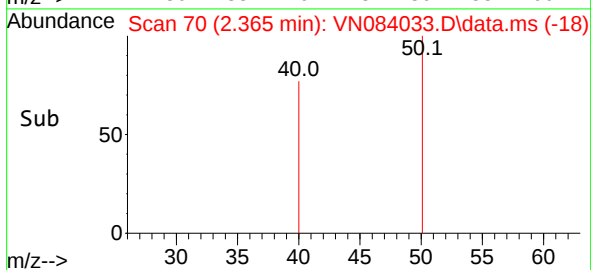
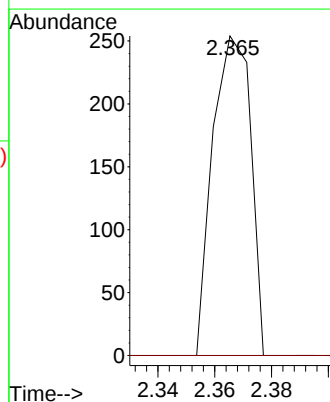
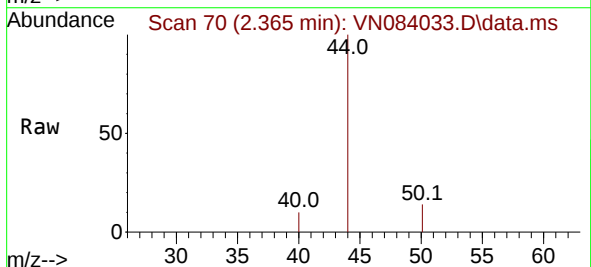
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBL01

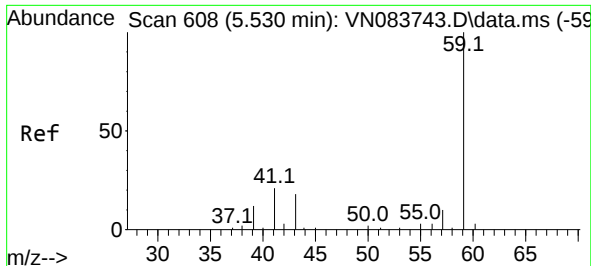
Tgt Ion:168 Resp: 162753
Ion Ratio Lower Upper
168 100
99 69.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

Tgt Ion: 50 Resp: 236
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

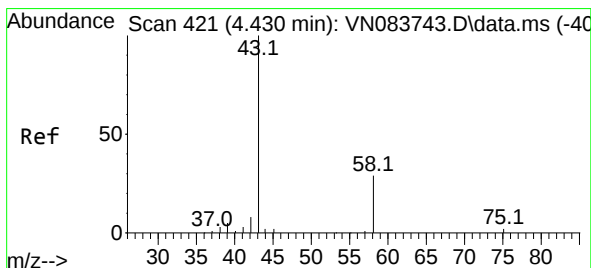
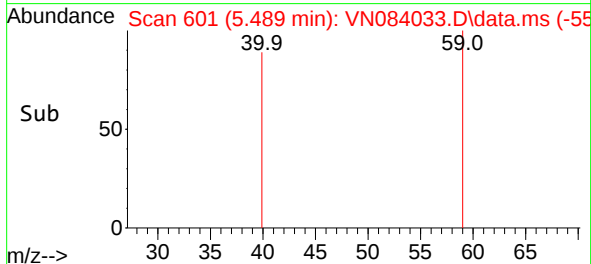
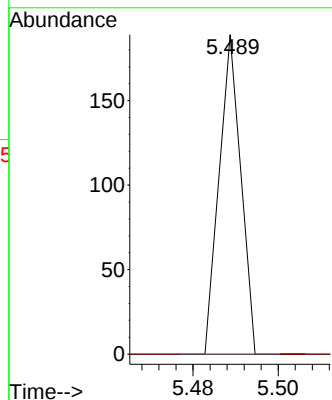
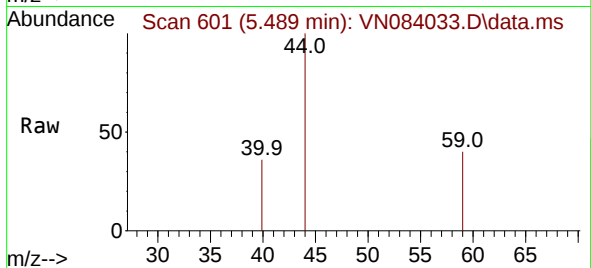




#11
Tert butyl alcohol
Concen: 0.204 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

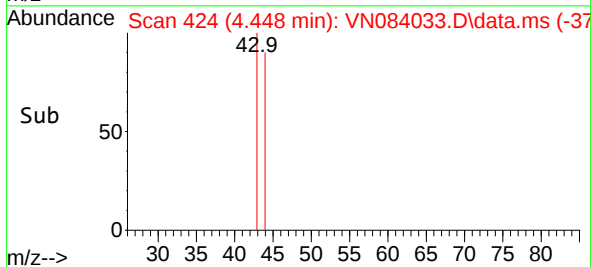
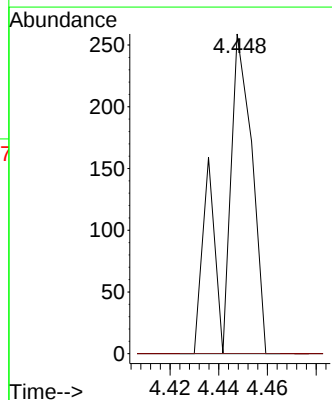
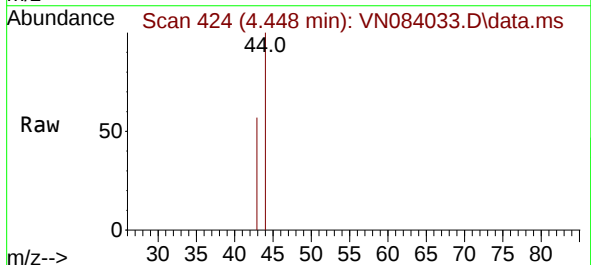
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBL01

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.211 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

Tgt Ion: 43 Resp: 208
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

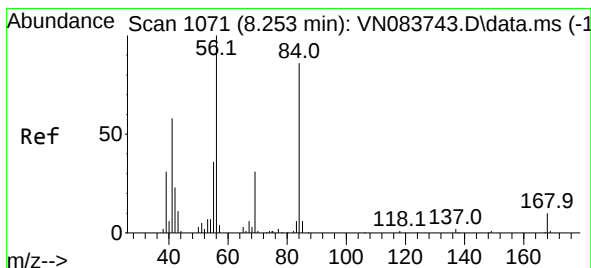
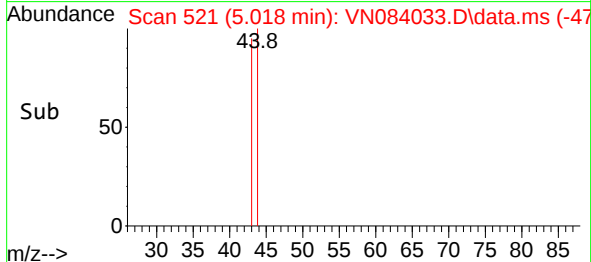
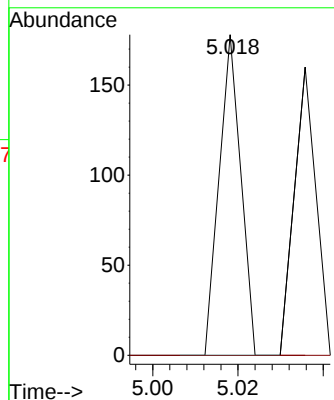
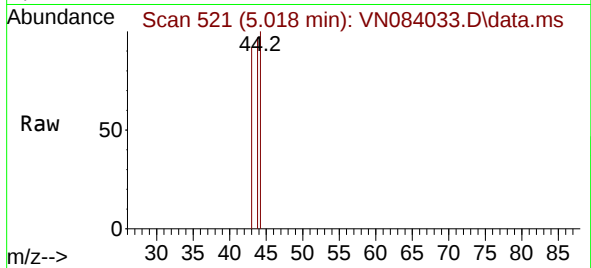




#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

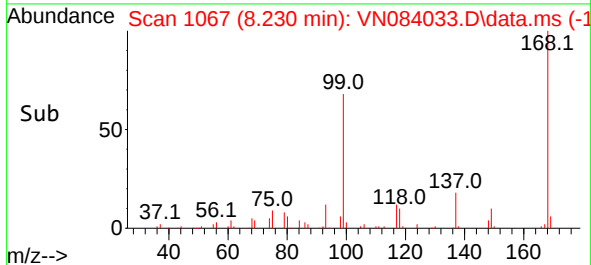
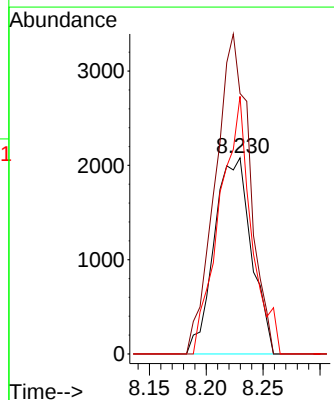
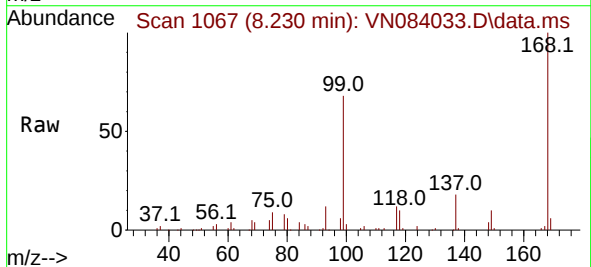
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBL01

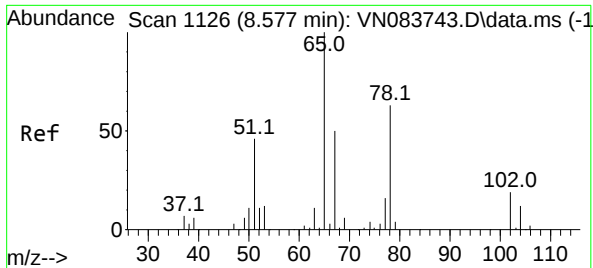
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

Tgt Ion: 56 Resp: 4721
Ion Ratio Lower Upper
56 100
69 132.8 26.9 40.3#
84 131.3 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 50.563 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084033.D

Acq: 19 Sep 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

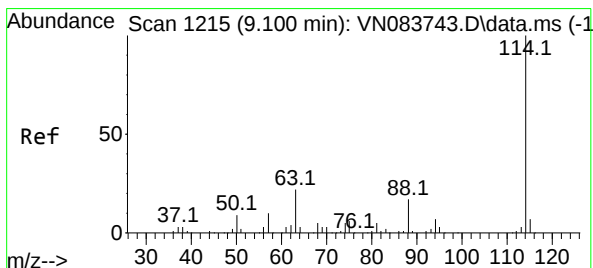
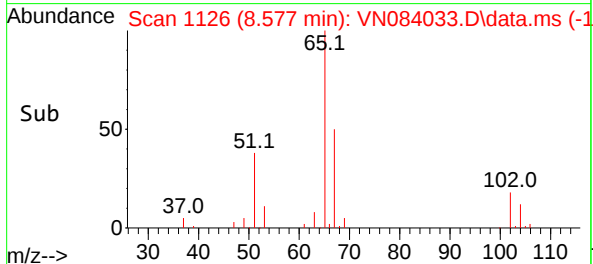
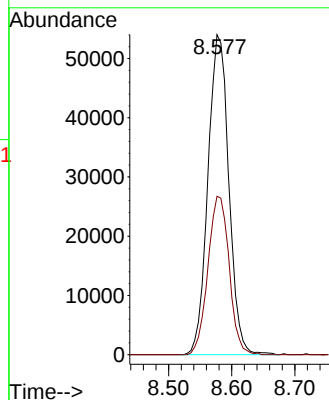
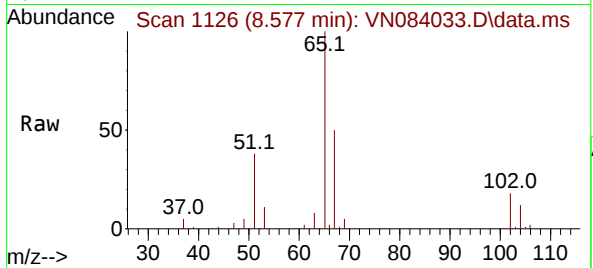
VN0919WBL01

Tgt Ion: 65 Resp: 124086

Ion Ratio Lower Upper

65 100

67 50.3 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: VN084033.D

Acq: 19 Sep 2024 14:42

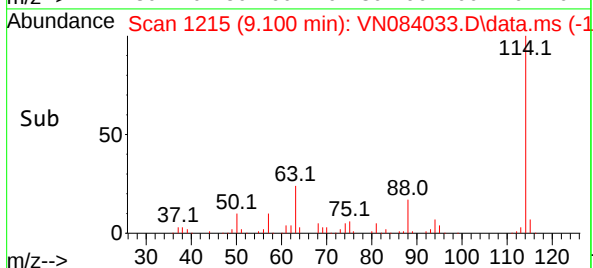
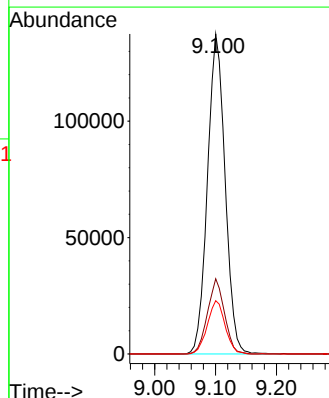
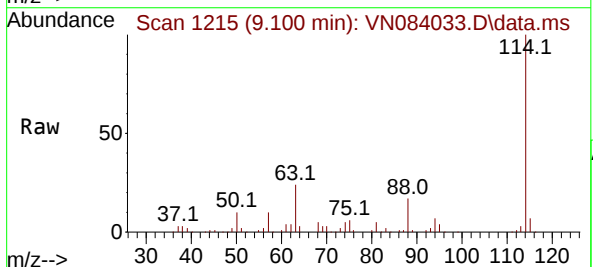
Tgt Ion: 114 Resp: 276332

Ion Ratio Lower Upper

114 100

63 23.5 0.0 43.4

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.728 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084033.D

Acq: 19 Sep 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBL01

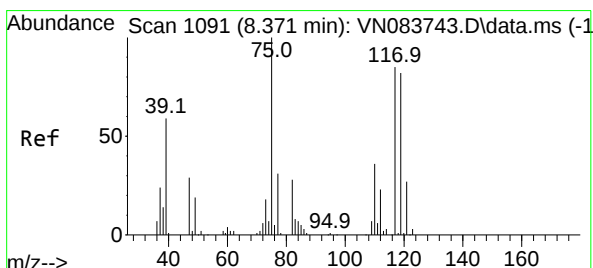
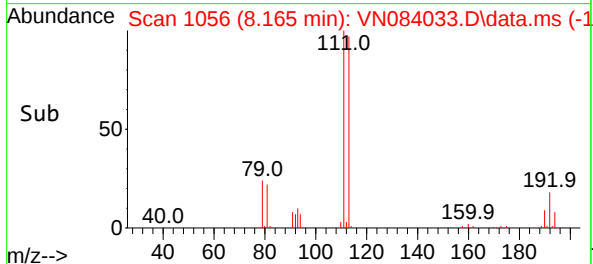
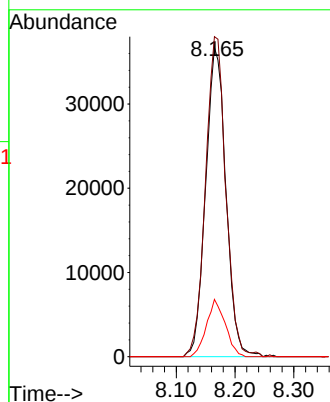
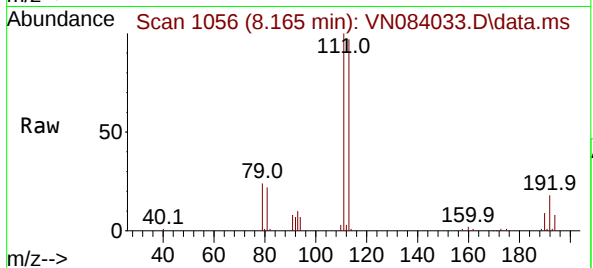
Tgt Ion:113 Resp: 87971

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.813 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084033.D

Acq: 19 Sep 2024 14:42

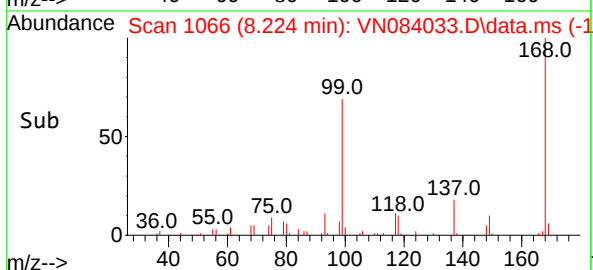
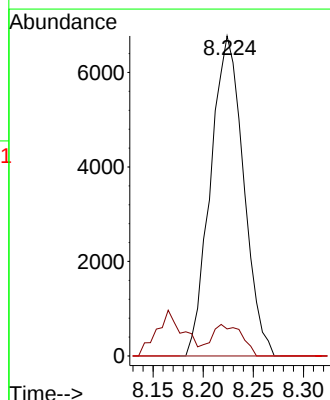
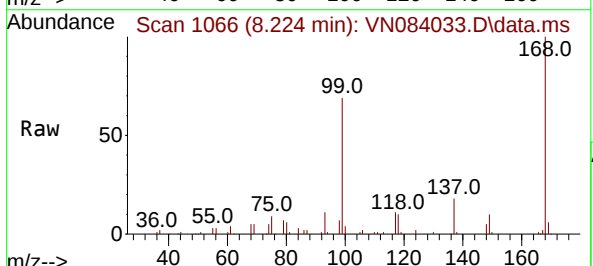
Tgt Ion: 75 Resp: 15479

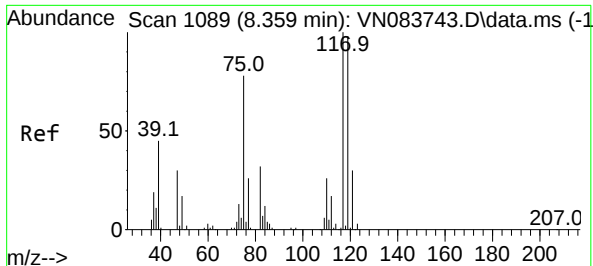
Ion Ratio Lower Upper

75 100

110 8.6 16.7 50.1#

77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 6.422 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN084033.D

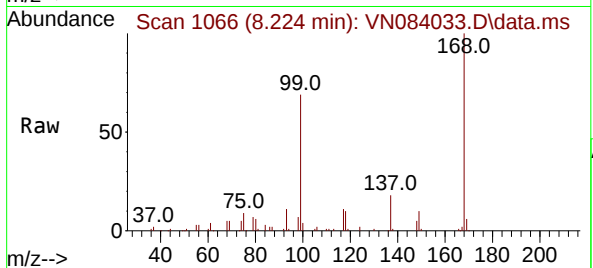
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Instrument :

MSVOA_N

ClientSampleId :

VN0919WBL01



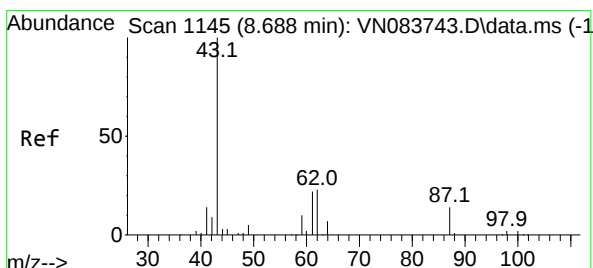
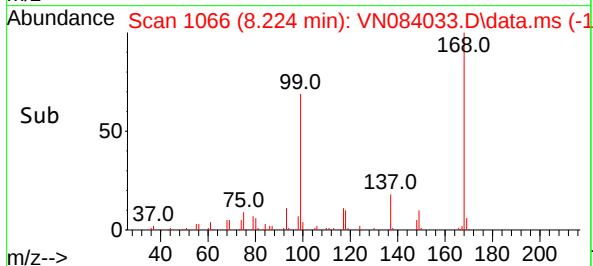
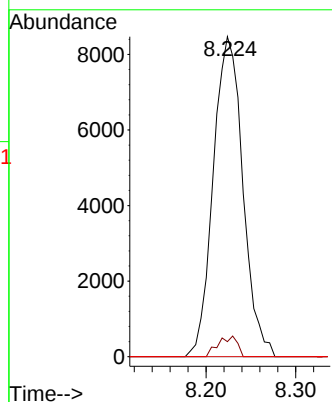
Tgt Ion:117 Resp: 19400

Ion Ratio Lower Upper

117 100

119 4.7 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: 1.095 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN084033.D

Acq: 19 Sep 2024 14:42

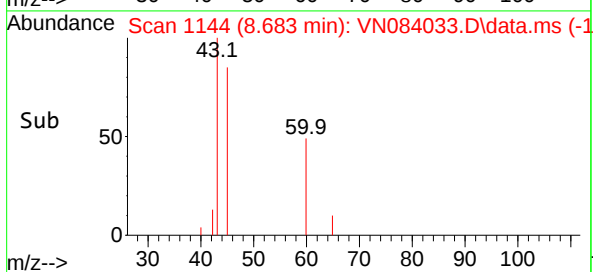
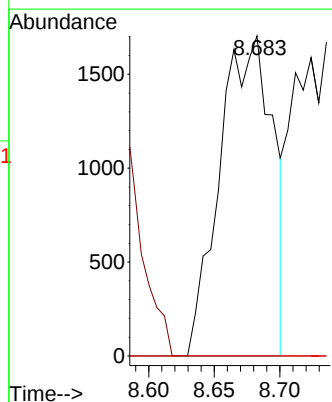
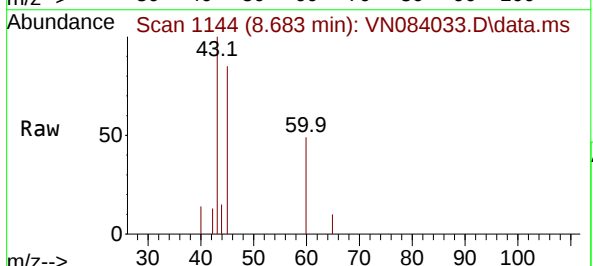
Tgt Ion: 43 Resp: 4797

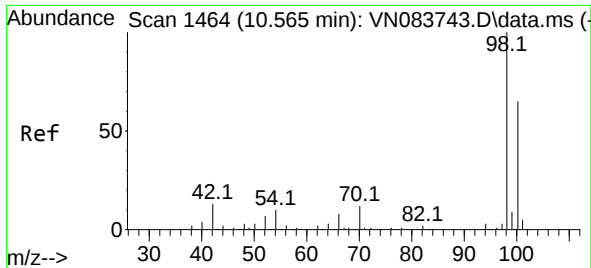
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

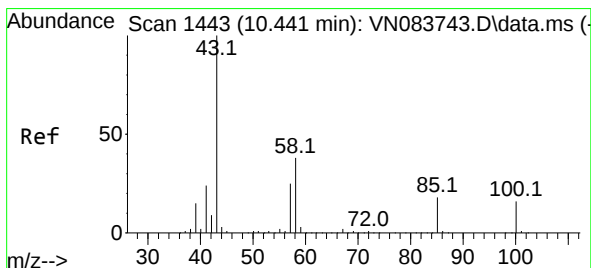
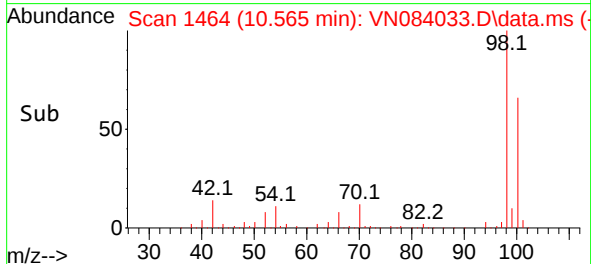
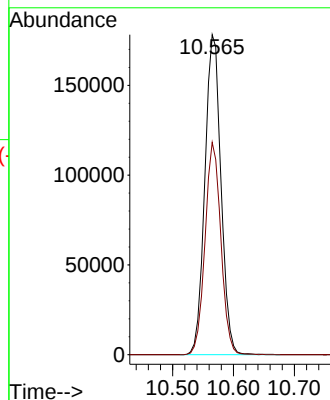
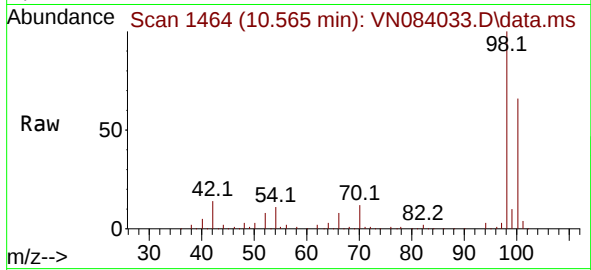




#50
Toluene-d8
Concen: 53.539 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

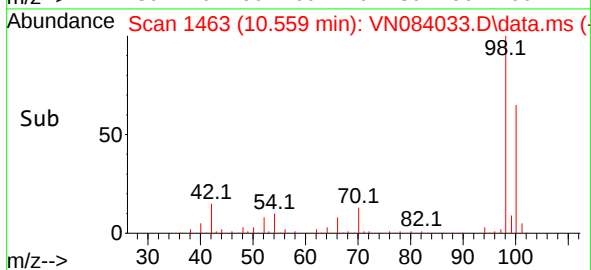
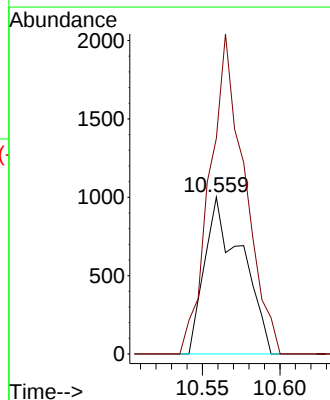
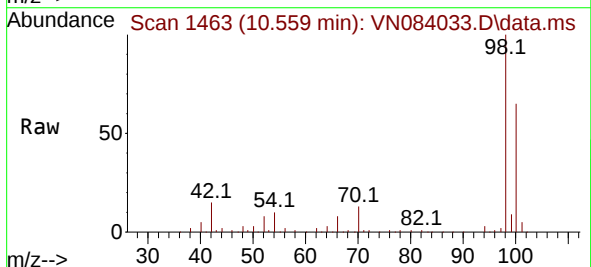
Instrument :
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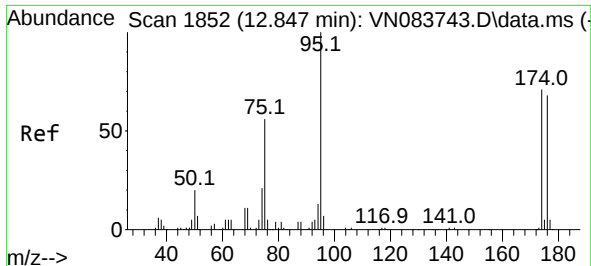
Tgt Ion: 98 Resp: 327428
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.700 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
58 191.4 31.6 47.4#

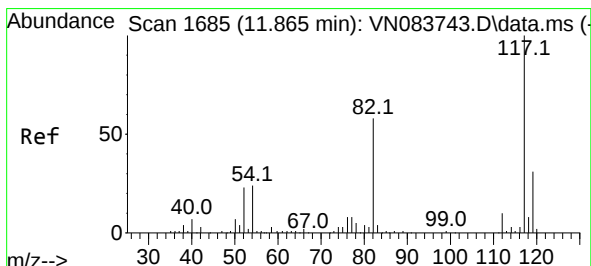
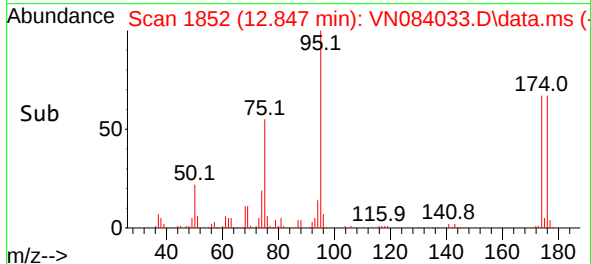
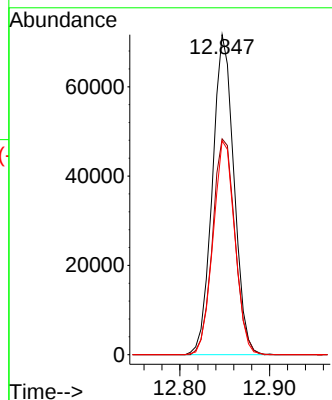
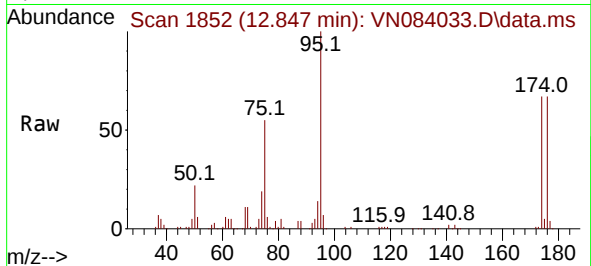




#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

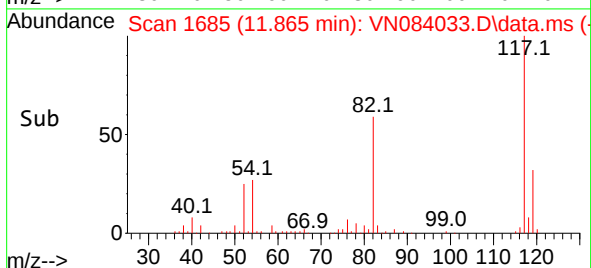
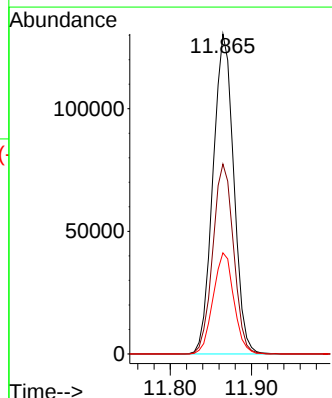
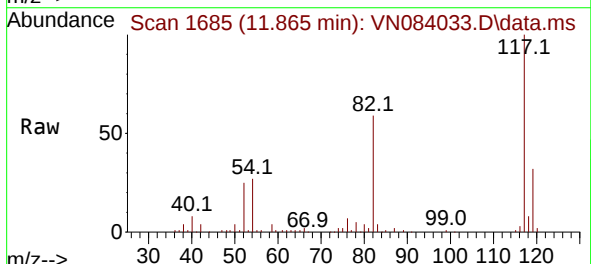
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBL01

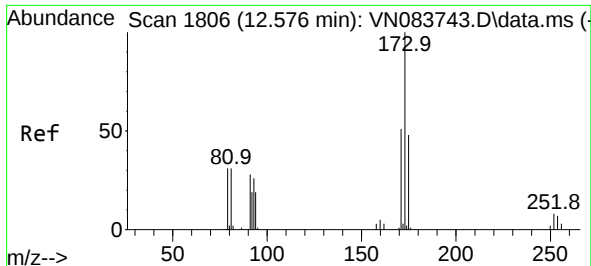
Tgt Ion: 95 Resp: 119551
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

Tgt Ion: 117 Resp: 231761
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 31.6 26.3 39.5

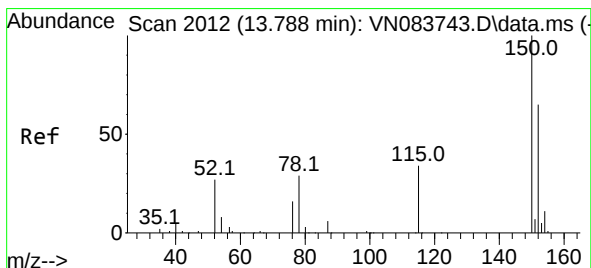
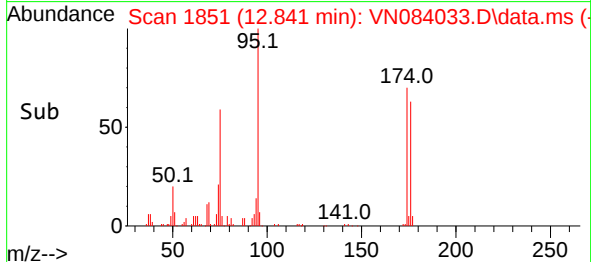
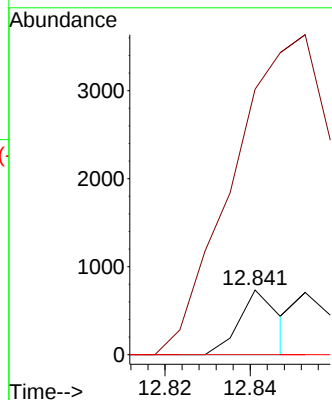
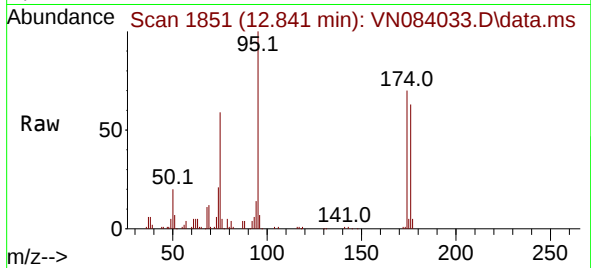




#71
Bromoform
Concen: 0.399 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

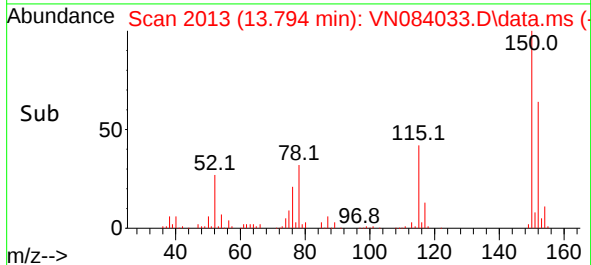
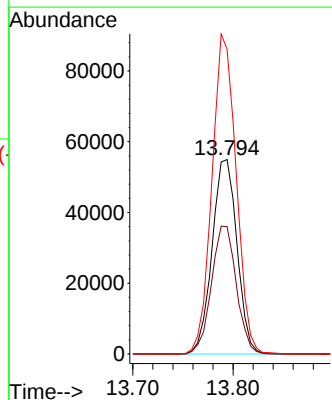
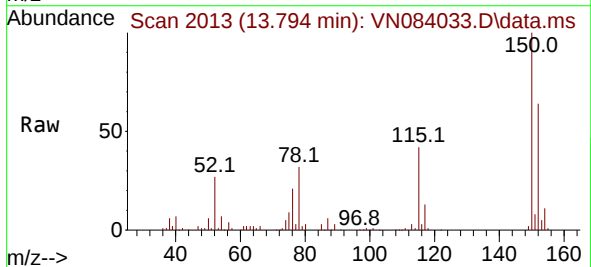
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBL01

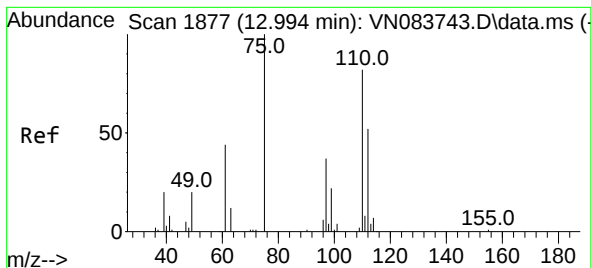
Tgt Ion:173 Resp: 480
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084033.D
Acq: 19 Sep 2024 14:42

Tgt Ion:152 Resp: 94954
Ion Ratio Lower Upper
152 100
115 65.7 32.2 96.6
150 159.8 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 35.486 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084033.D

Acq: 19 Sep 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

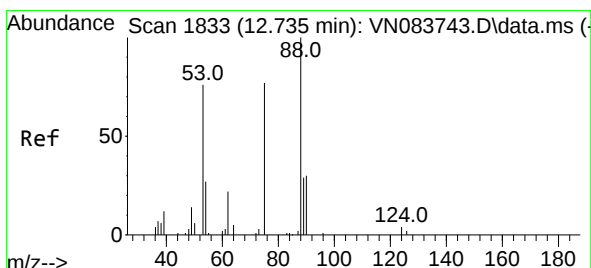
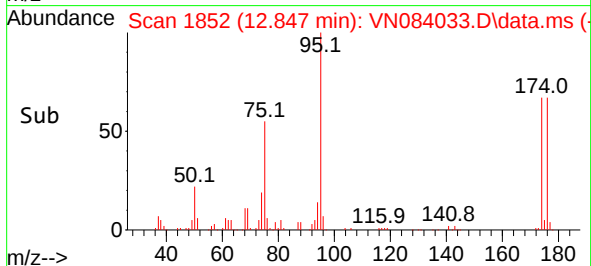
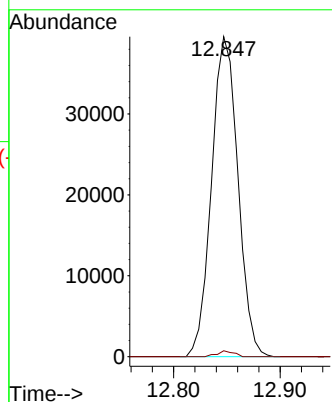
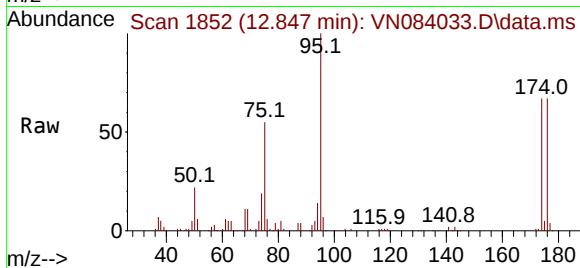
VN0919WBL01

Tgt Ion: 75 Resp: 67990

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.940 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084033.D

Acq: 19 Sep 2024 14:42

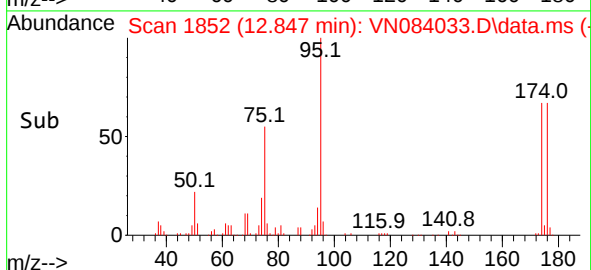
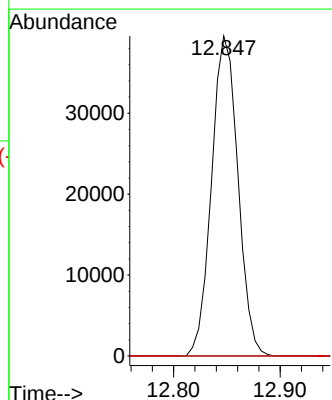
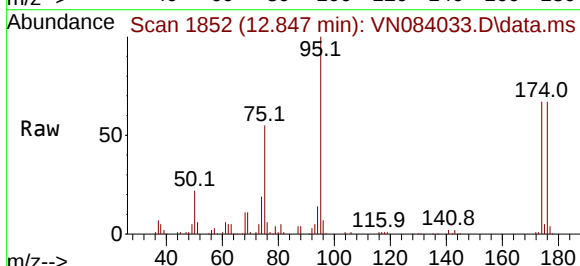
Tgt Ion: 75 Resp: 67990

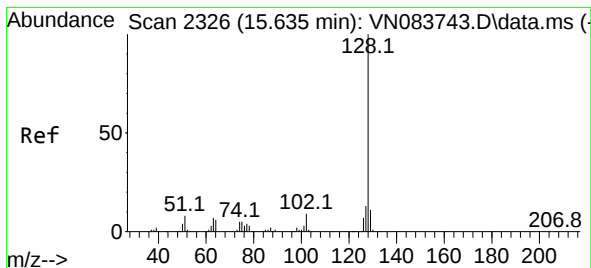
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#





#95

Naphthalene

Concen: 0.242 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN084033.D

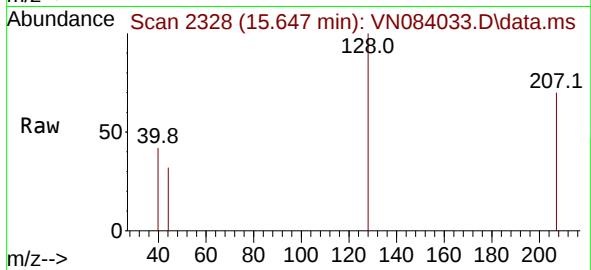
Acq: 19 Sep 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBL01



Tgt Ion:128 Resp: 1275

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.7 13.1#

