

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083909.D
 Acq On : 16 Sep 2024 11:32
 Operator : JC\MD
 Sample : VN0916WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL02

Quant Time: Sep 17 02:28:23 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)

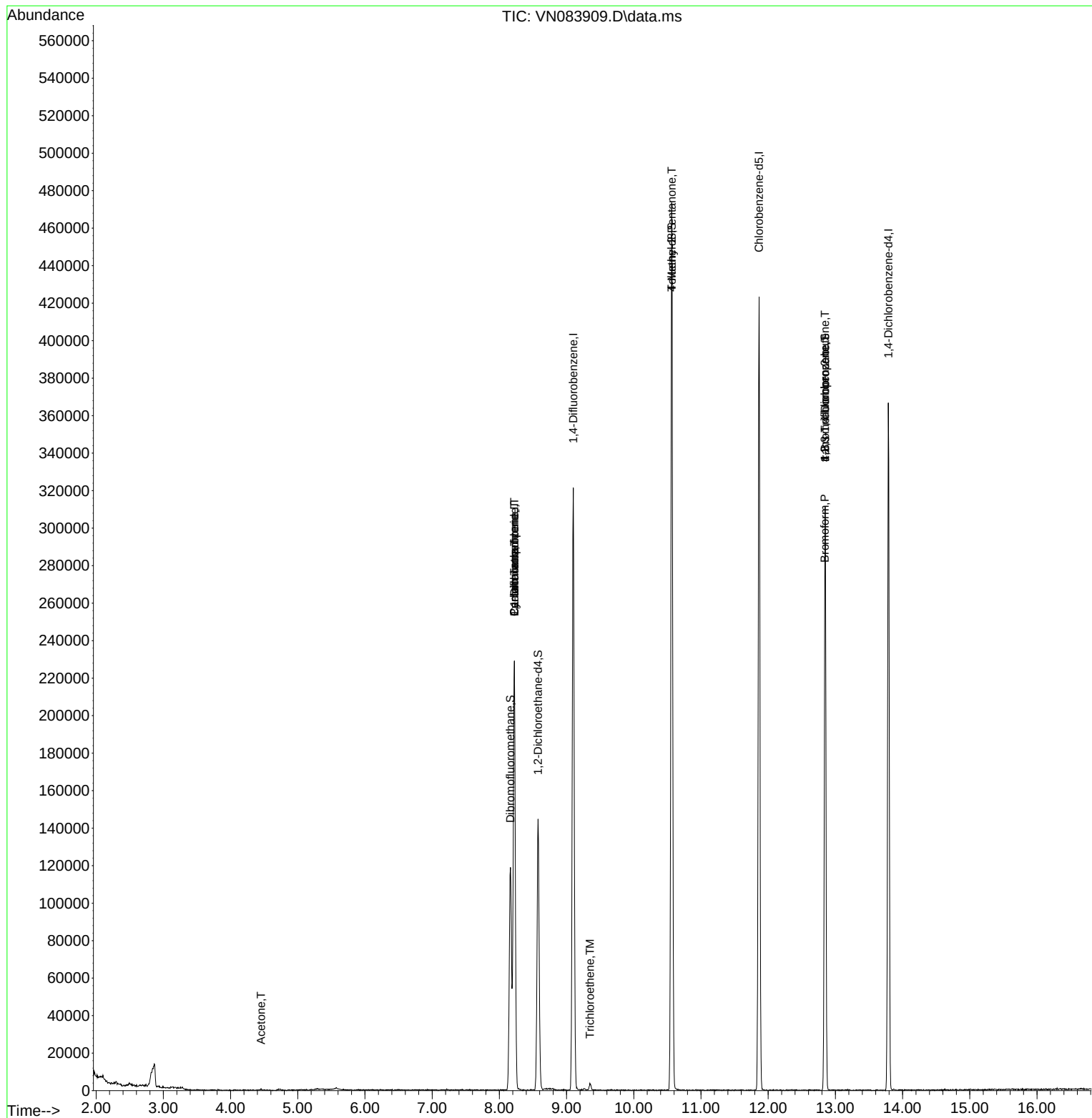
Internal Standards						
1) Pentafluorobenzene	8.224	168	150524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118927	52.398	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.800%	
35) Dibromofluoromethane	8.165	113	85417	51.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.560%	
50) Toluene-d8	10.565	98	309828	53.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.600%	
62) 4-Bromofluorobenzene	12.847	95	105028	44.207	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	870	Below Cal	#	83
16) Acetone	4.453	43	796	0.875	ug/l #	45
18) Methyl Acetate	5.030	43	130	Below Cal	#	52
31) Cyclohexane	8.224	56	3892	1.186	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	14329	5.715	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17652	6.206	ug/l #	16
44) Trichloroethene	9.347	130	1309	0.749	ug/l	95
51) 4-Methyl-2-Pentanone	10.565	43	1566	0.698	ug/l #	1
71) Bromoform	12.841	173	331	0.288	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58974	32.776	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58974	85.843	ug/l #	9

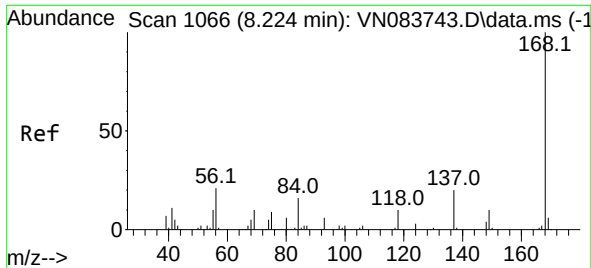
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
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Quant Time: Sep 17 02:28:23 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

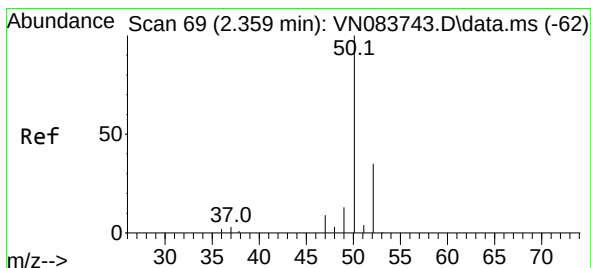
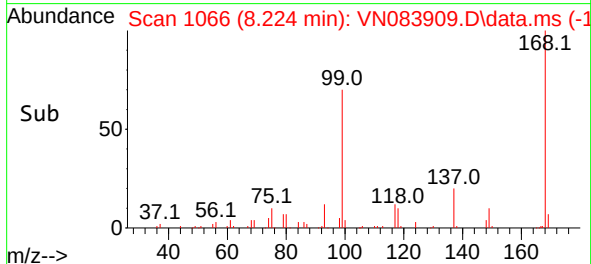
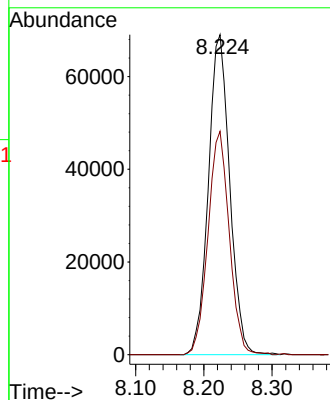
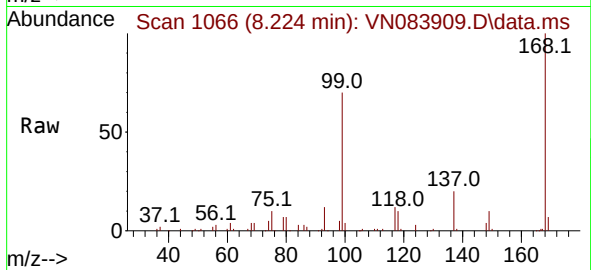




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083909.D
Acq: 16 Sep 2024 11:32

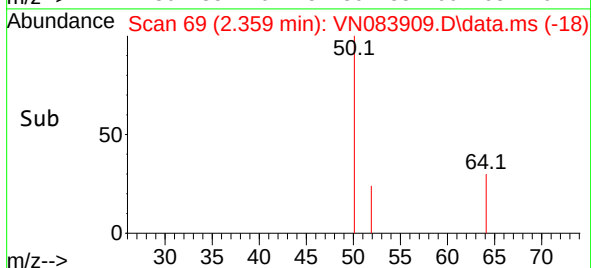
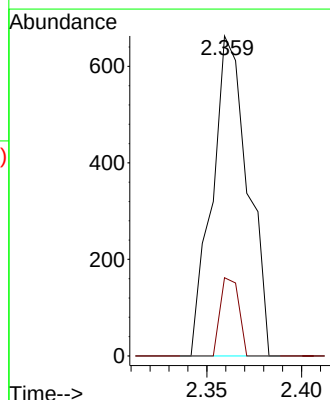
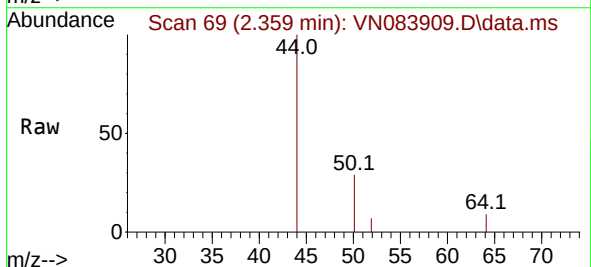
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL02

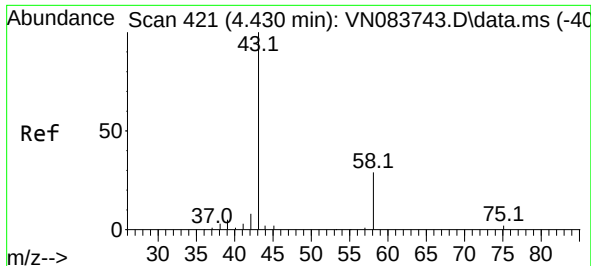
Tgt Ion:168 Resp: 150524
Ion Ratio Lower Upper
168 100
99 69.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083909.D
Acq: 16 Sep 2024 11:32

Tgt Ion: 50 Resp: 870
Ion Ratio Lower Upper
50 100
52 24.4 27.2 40.8#





#16

Acetone

Concen: 0.875 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN083909.D

Acq: 16 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

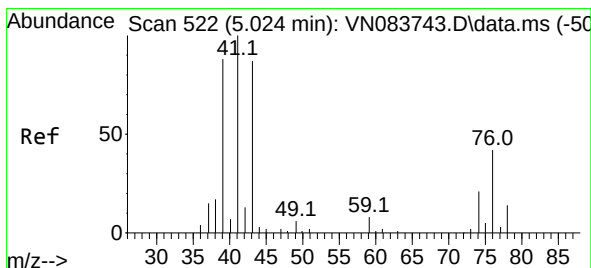
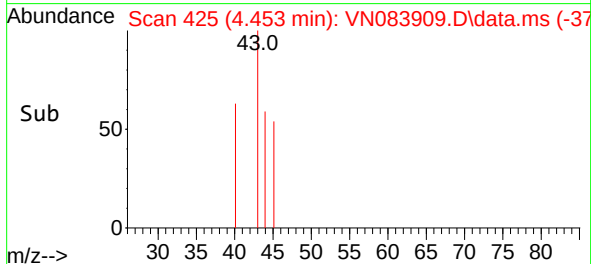
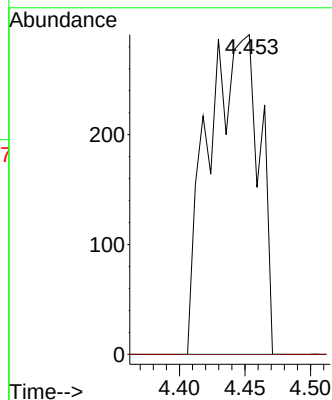
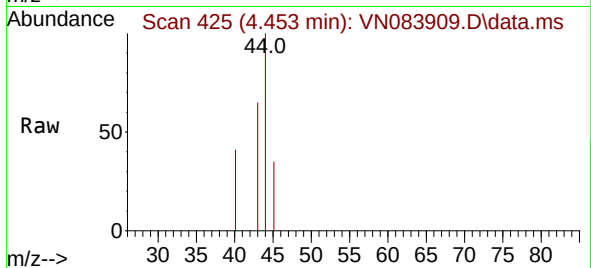
VN0916WBL02

Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN083909.D

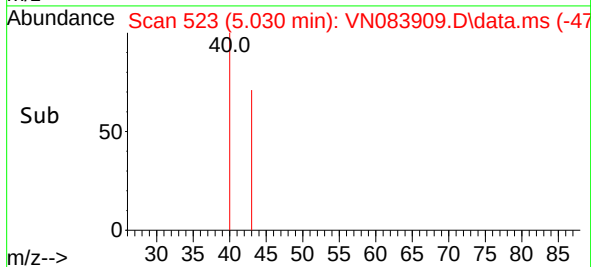
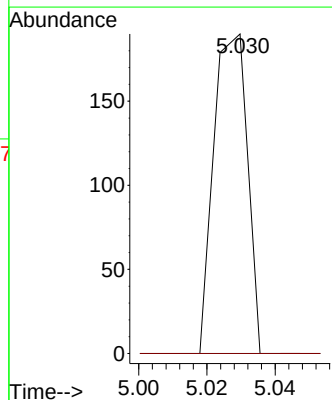
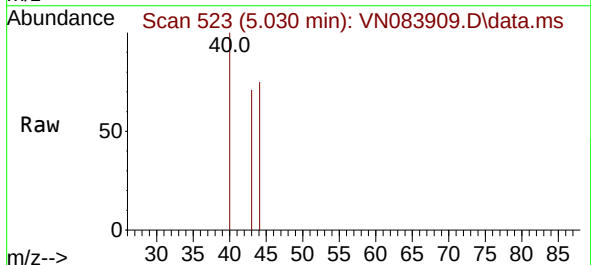
Acq: 16 Sep 2024 11:32

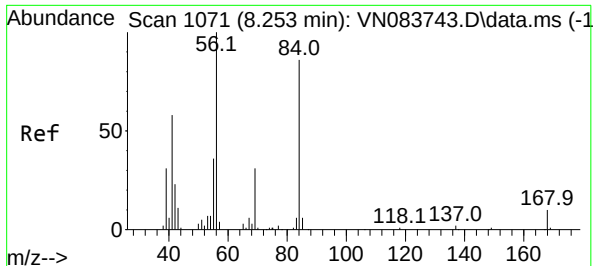
Tgt Ion: 43 Resp: 130

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#





#31

Cyclohexane

Concen: 1.186 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN083909.D

Acq: 16 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBL02

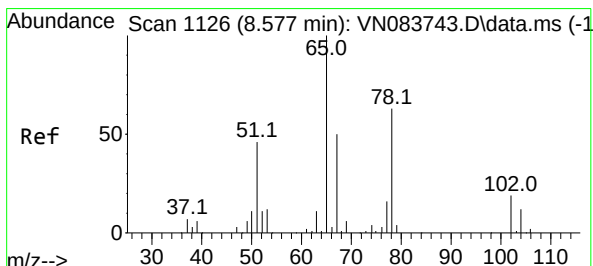
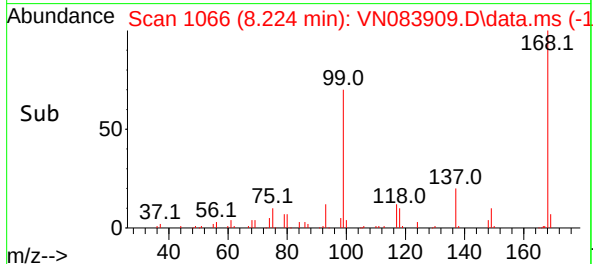
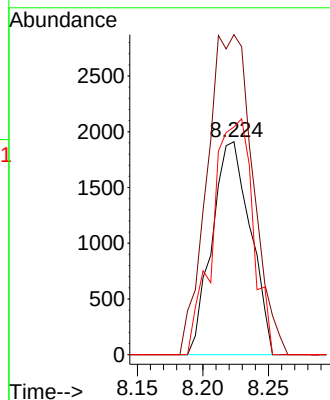
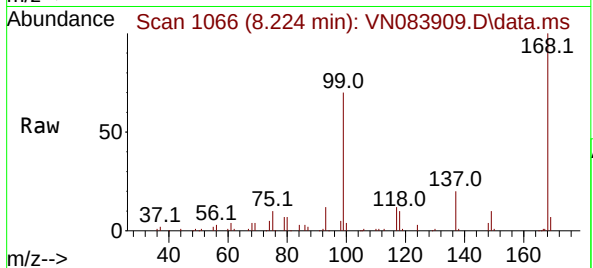
Tgt Ion: 56 Resp: 3892

Ion Ratio Lower Upper

56 100

69 150.2 26.9 40.3#

84 106.9 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 52.398 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083909.D

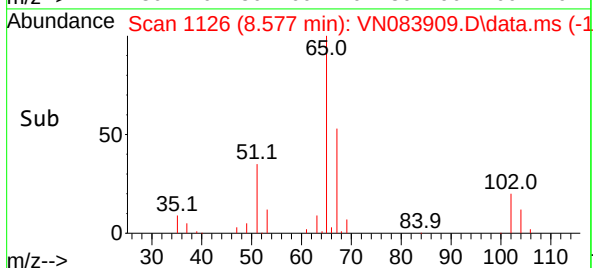
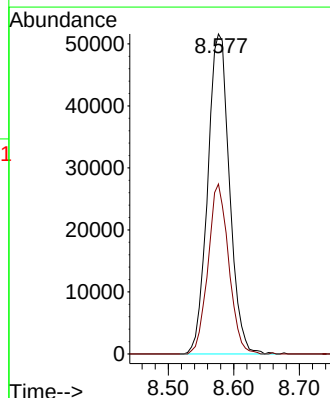
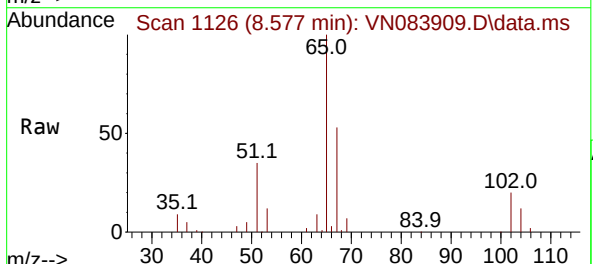
Acq: 16 Sep 2024 11:32

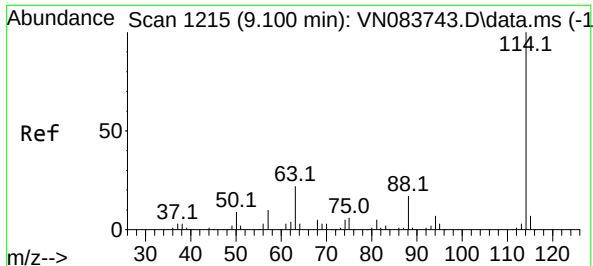
Tgt Ion: 65 Resp: 118927

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# 1

Delta R.T. -0.000 min

Lab File: VN083909.D

Acq: 16 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBL02

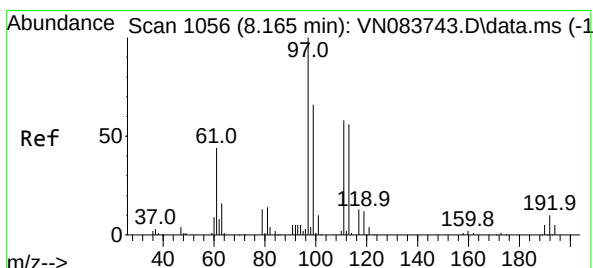
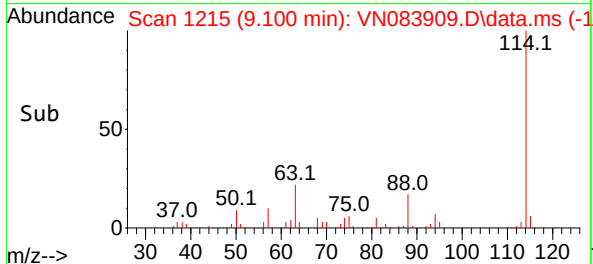
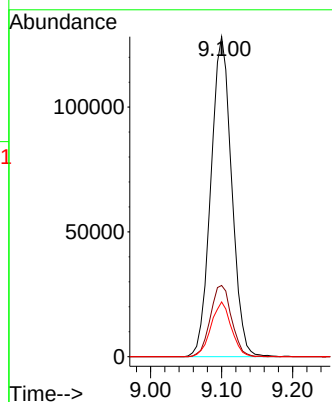
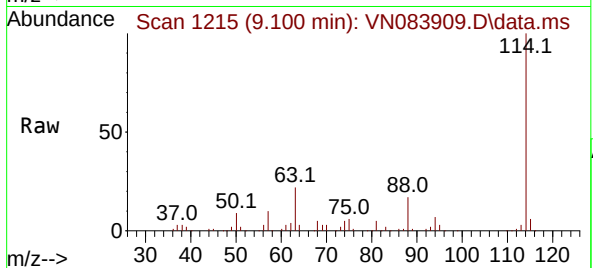
Tgt Ion:114 Resp: 260195

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083909.D

Acq: 16 Sep 2024 11:32

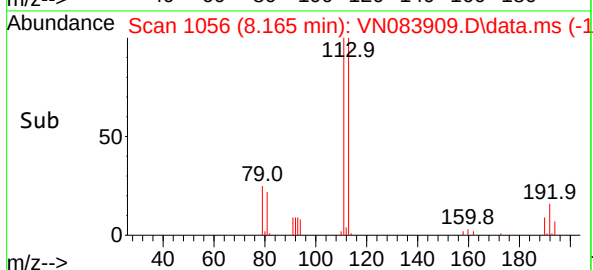
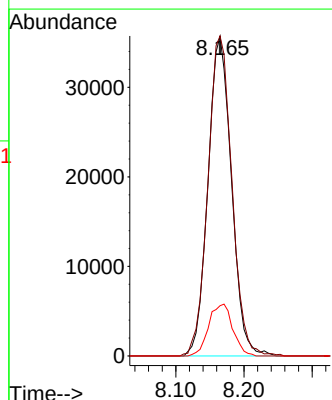
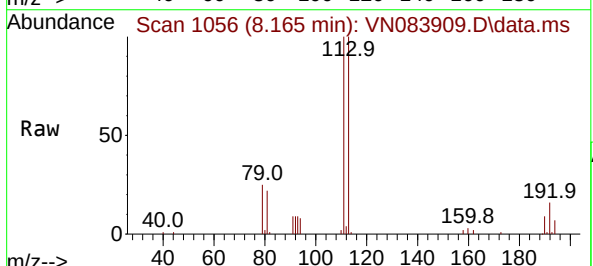
Tgt Ion:113 Resp: 85417

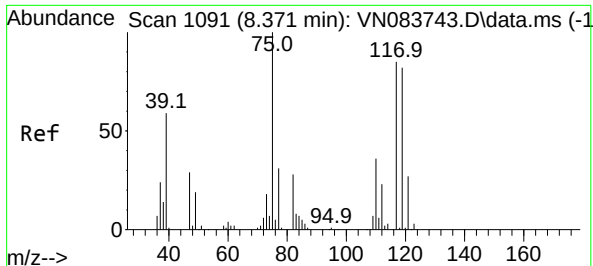
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 16.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.715 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083909.D

Acq: 16 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBL02

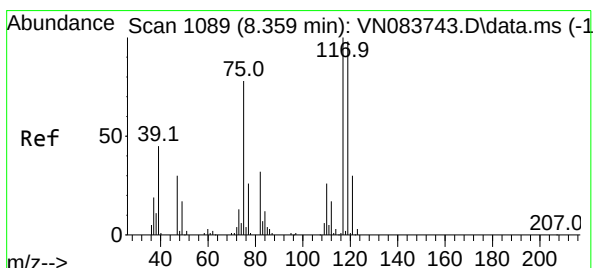
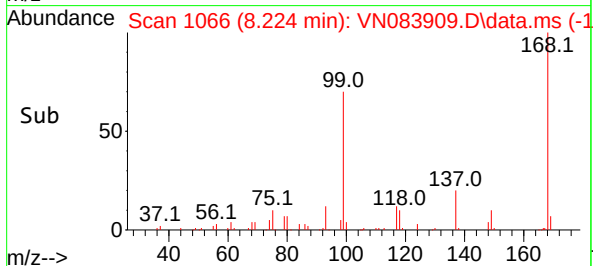
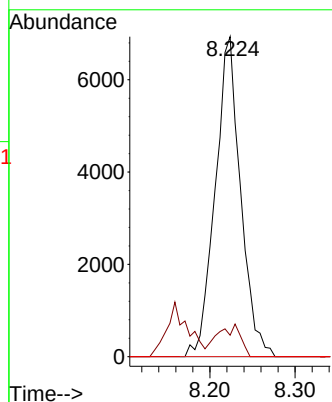
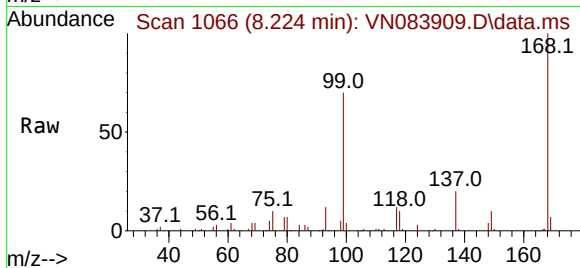
Tgt Ion: 75 Resp: 14329

Ion Ratio Lower Upper

75 100

110 9.3 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.206 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083909.D

Acq: 16 Sep 2024 11:32

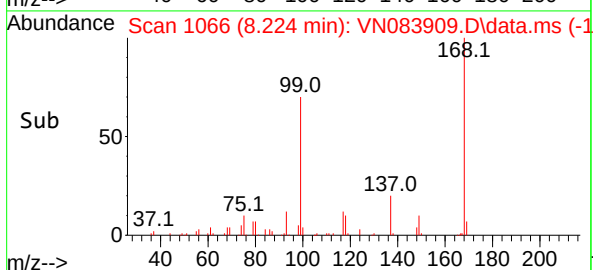
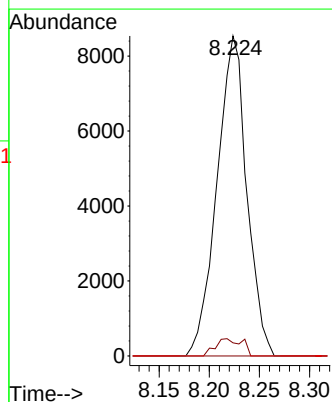
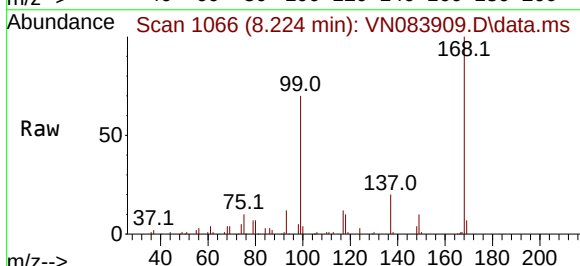
Tgt Ion: 117 Resp: 17652

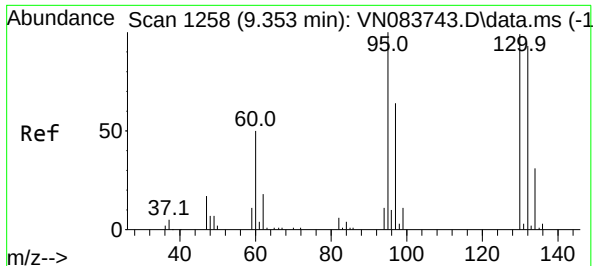
Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

121 0.0 24.1 36.1#

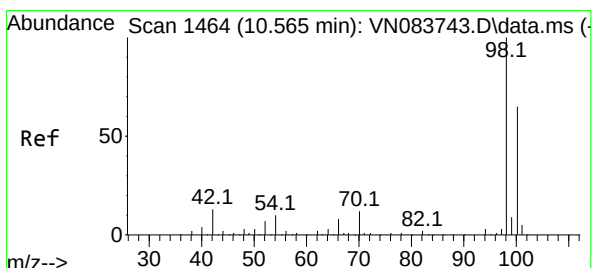
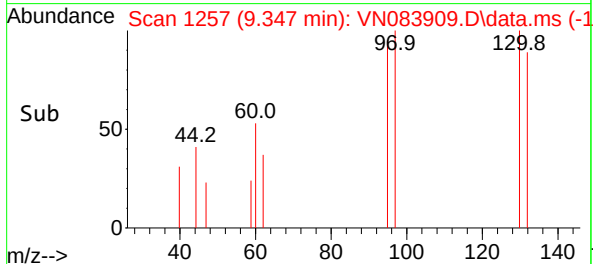
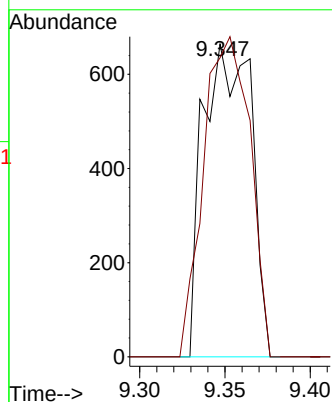
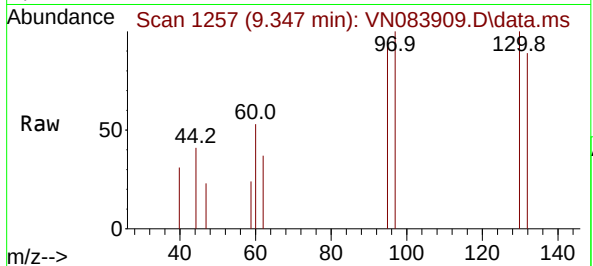




#44
Trichloroethene
Concen: 0.749 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083909.D
Acq: 16 Sep 2024 11:32

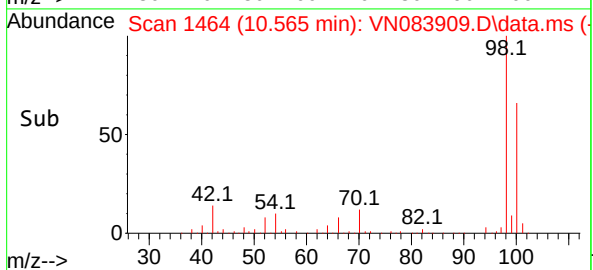
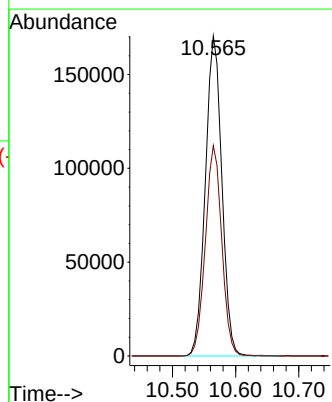
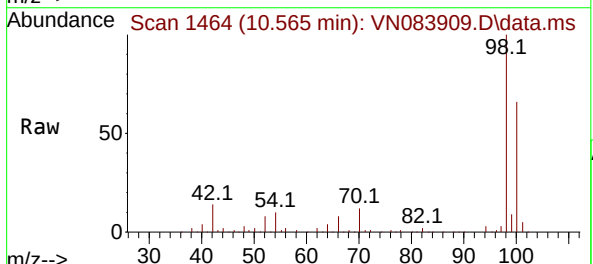
Instrument :
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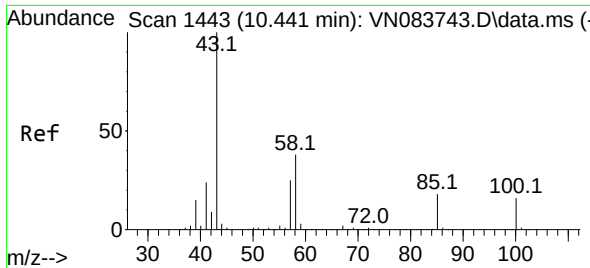
Tgt Ion:130 Resp: 1309
Ion Ratio Lower Upper
130 100
95 95.6 0.0 200.4



#50
Toluene-d8
Concen: 53.803 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083909.D
Acq: 16 Sep 2024 11:32

Tgt Ion: 98 Resp: 309828
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

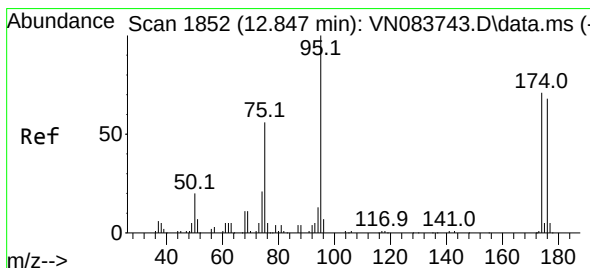
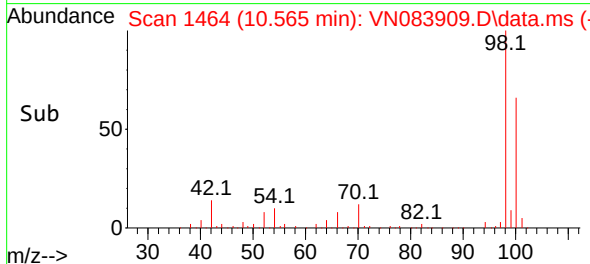
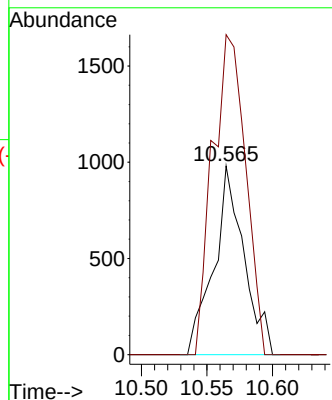
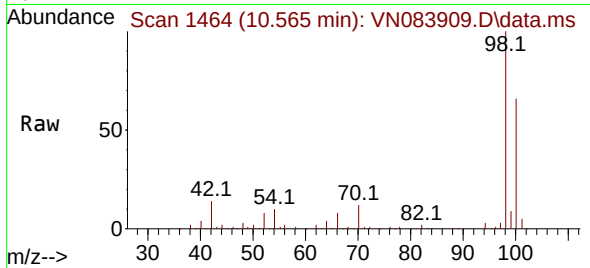




#51
4-Methyl-2-Pentanone
Concen: 0.698 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN083909.D
Acq: 16 Sep 2024 11:32

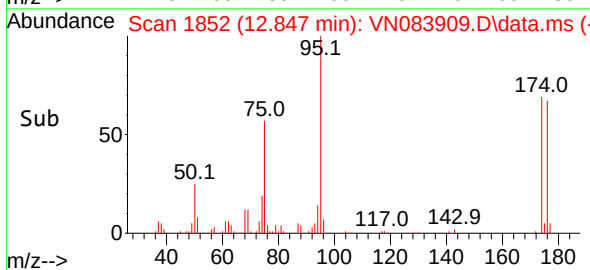
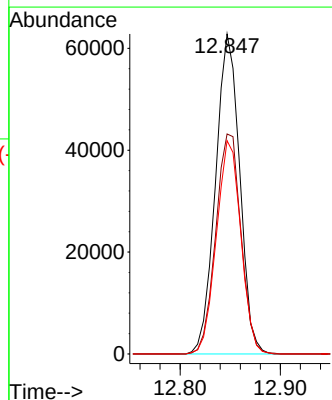
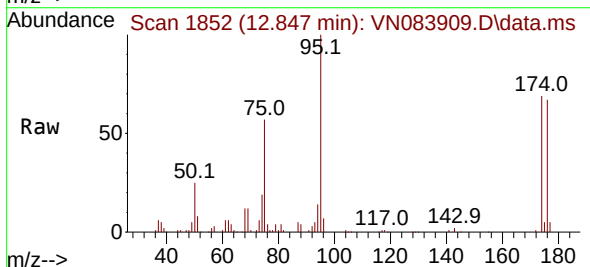
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL02

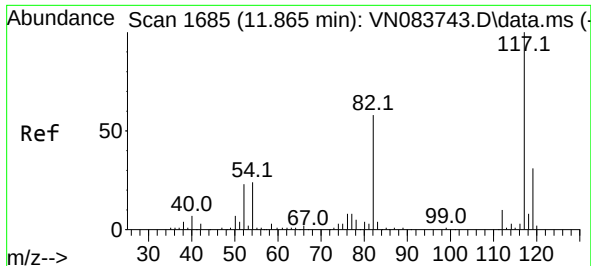
Tgt Ion: 43 Resp: 1566
Ion Ratio Lower Upper
43 100
58 185.8 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 44.207 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083909.D
Acq: 16 Sep 2024 11:32

Tgt Ion: 95 Resp: 105028
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 67.6 0.0 131.4

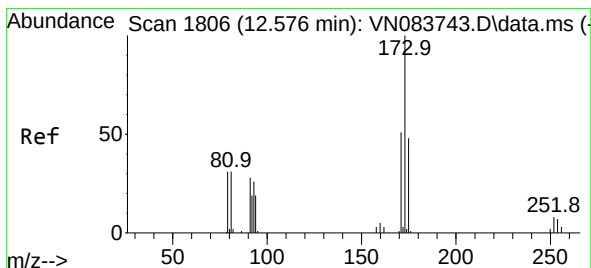
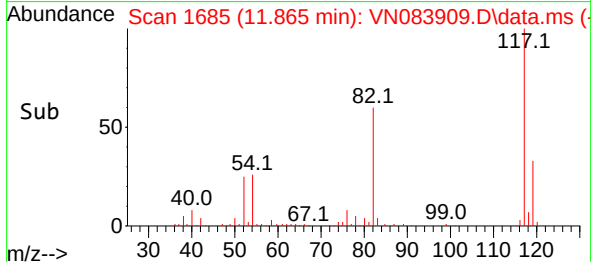
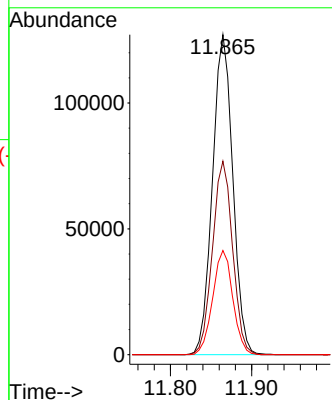
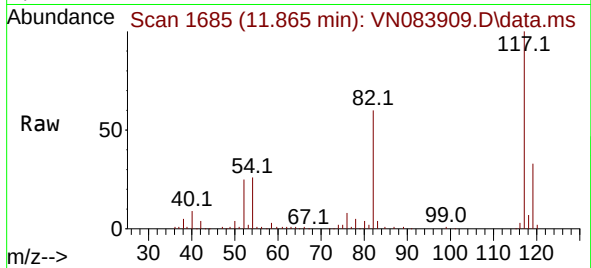




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083909.D
Acq: 16 Sep 2024 11:32

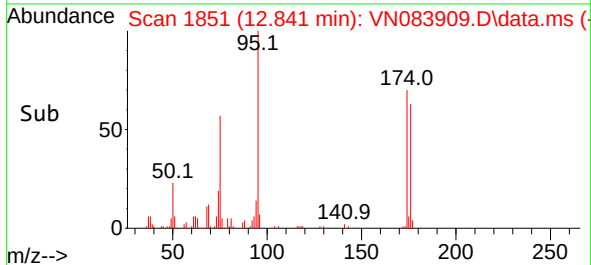
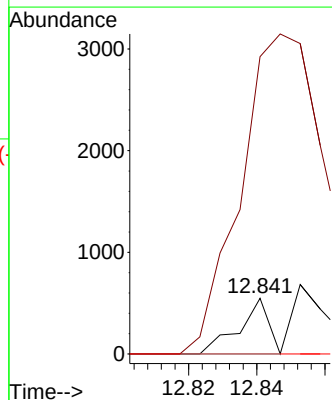
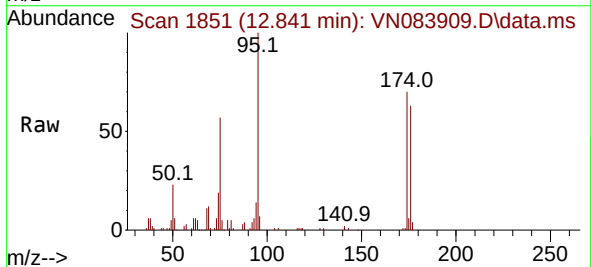
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL02

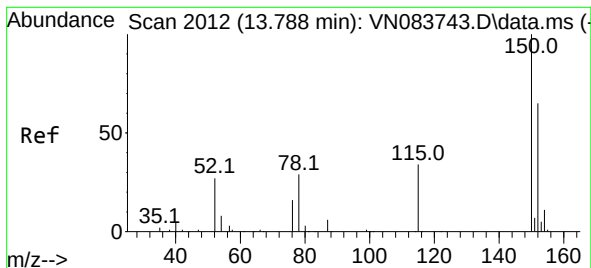
Tgt Ion:117 Resp: 221172
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.0
119 32.6 26.3 39.5



#71
Bromoform
Concen: 0.288 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083909.D
Acq: 16 Sep 2024 11:32

Tgt Ion:173 Resp: 331
Ion Ratio Lower Upper
173 100
175 1248.6 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: VN083909.D

Acq: 16 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBL02

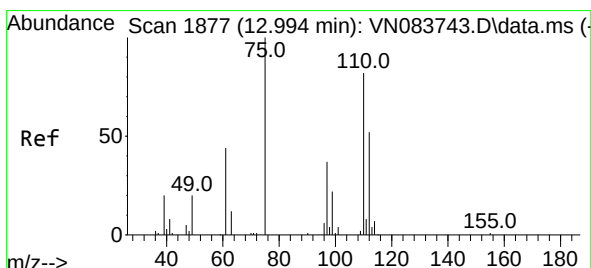
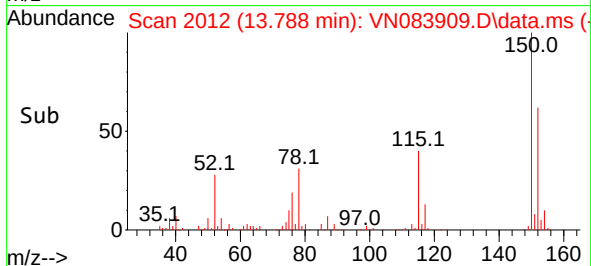
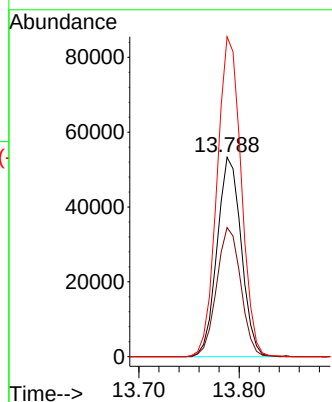
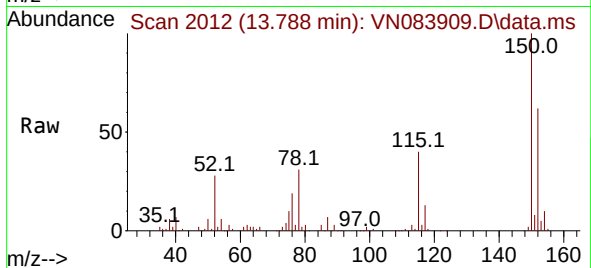
Tgt Ion:152 Resp: 89171

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

150 160.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.776 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083909.D

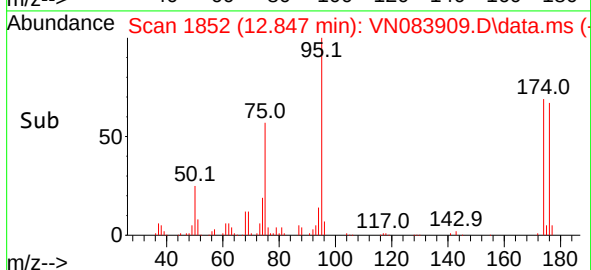
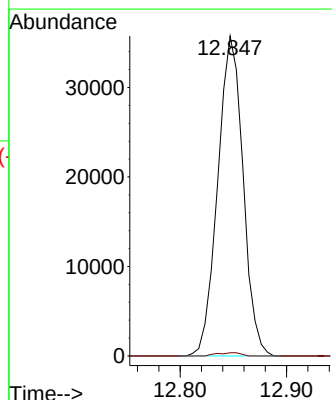
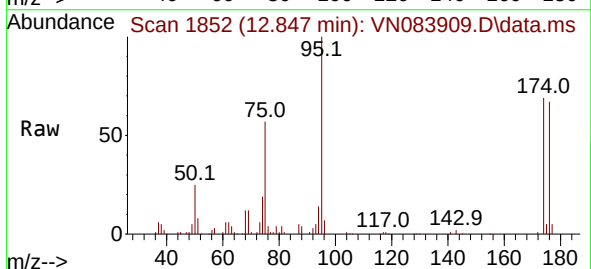
Acq: 16 Sep 2024 11:32

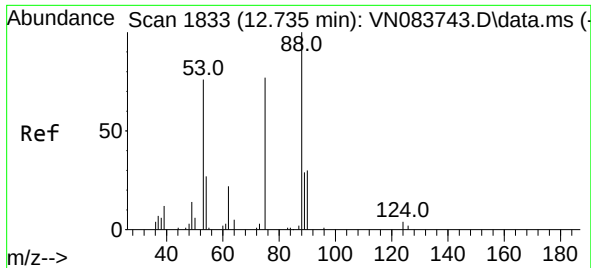
Tgt Ion: 75 Resp: 58974

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.843 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083909.D
 Acq: 16 Sep 2024 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL02

Tgt Ion: 75 Resp: 58974
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

