

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083926.D
 Acq On : 16 Sep 2024 18:39
 Operator : JC\MD
 Sample : P3876-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Sep 17 02:37:09 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)

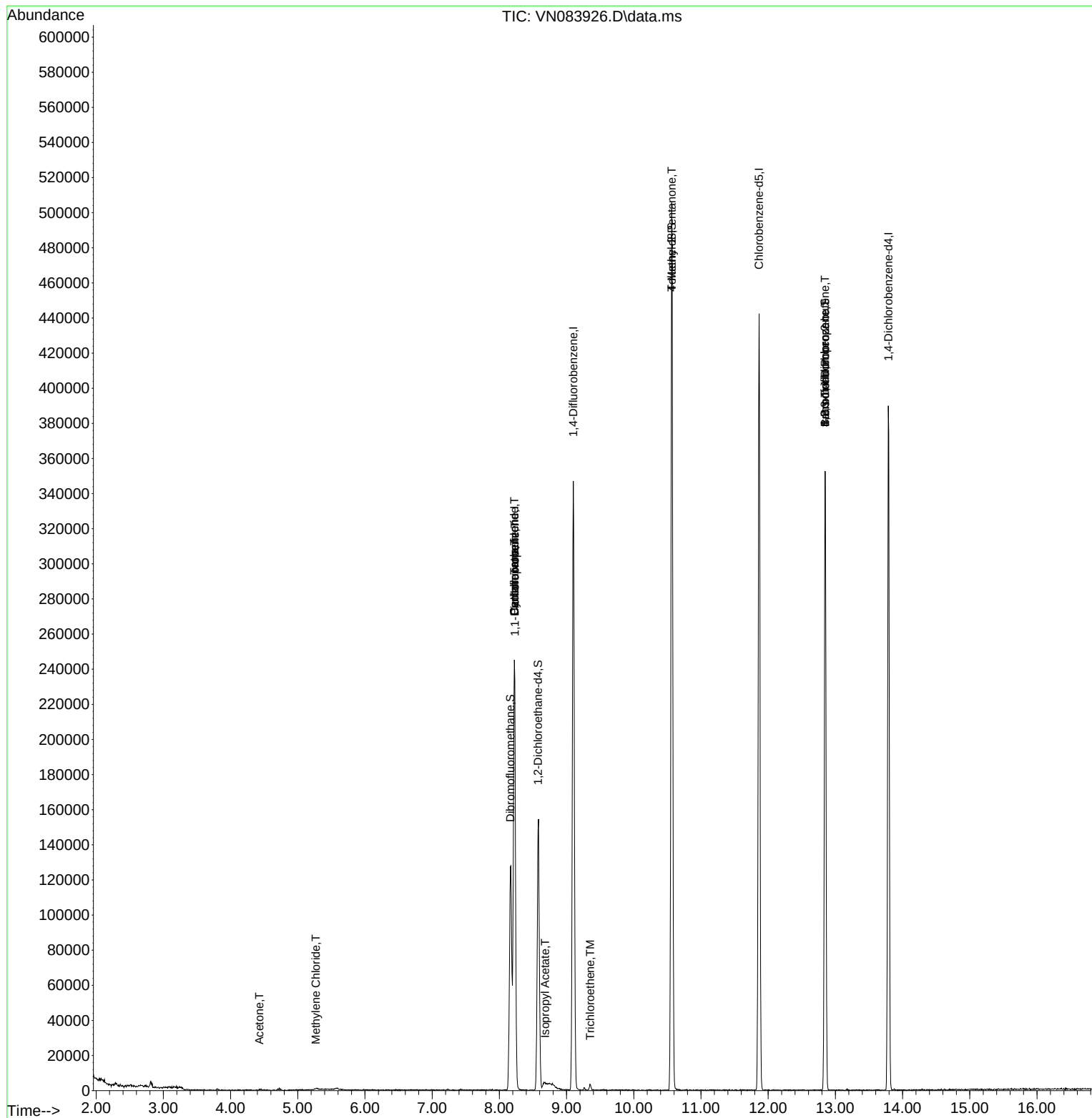
Internal Standards						
1) Pentafluorobenzene	8.224	168	165177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129439	51.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.940%	
35) Dibromofluoromethane	8.165	113	89639	49.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.940%	
50) Toluene-d8	10.565	98	337519	53.878	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.847	95	119697	46.312	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	447	Below Cal	#	41
16) Acetone	4.430	43	389	0.390	ug/l #	45
18) Methyl Acetate	5.024	43	169	Below Cal	#	52
20) Methylene Chloride	5.271	84	544	0.266	ug/l #	43
31) Cyclohexane	8.224	56	4801	1.334	ug/l #	35
36) 1,1-Dichloropropene	8.230	75	15488	5.679	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19973	6.455	ug/l #	15
43) Isopropyl Acetate	8.682	43	5533	1.233	ug/l #	57
44) Trichloroethene	9.353	130	1134	0.597	ug/l	79
51) 4-Methyl-2-Pentanone	10.565	43	1816	0.744	ug/l #	1
71) Bromoform	12.847	173	860	0.701	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69704	35.746	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69704	93.620	ug/l #	9

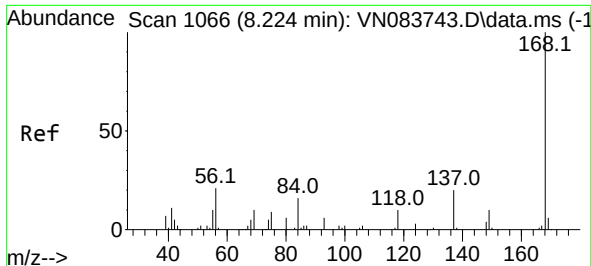
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 17 02:37:09 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

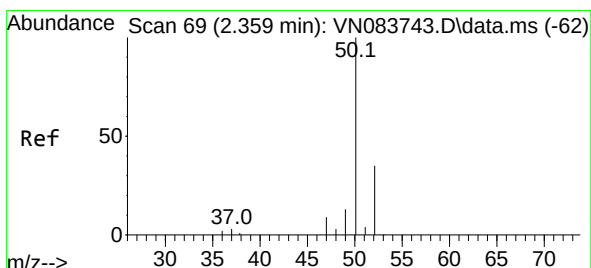
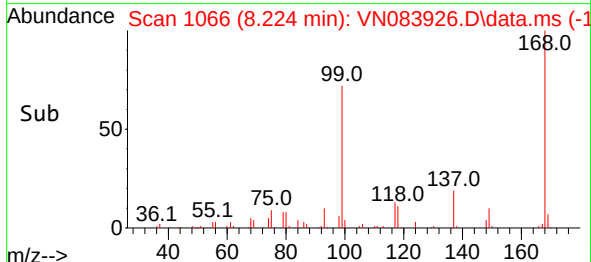
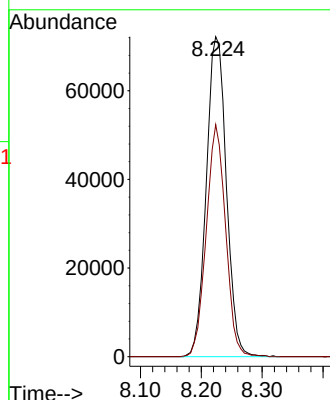
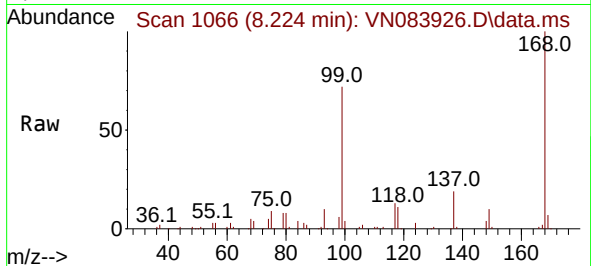




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

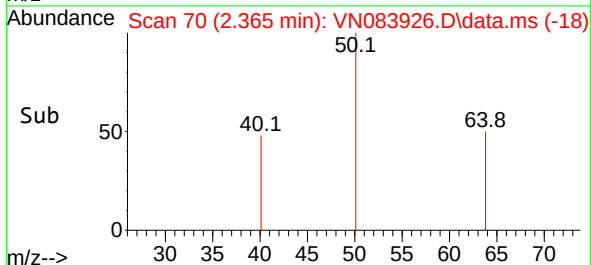
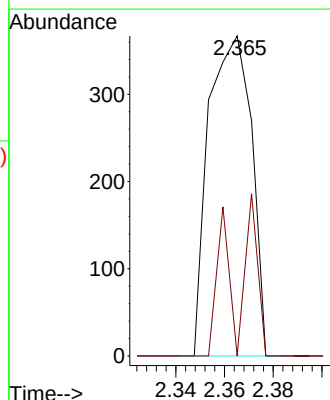
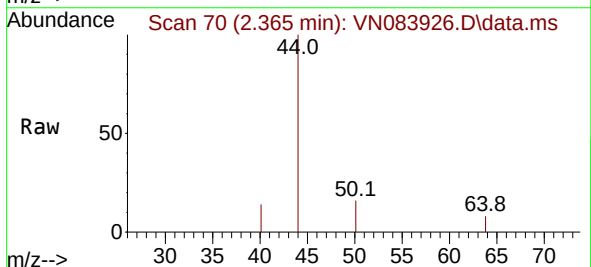
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

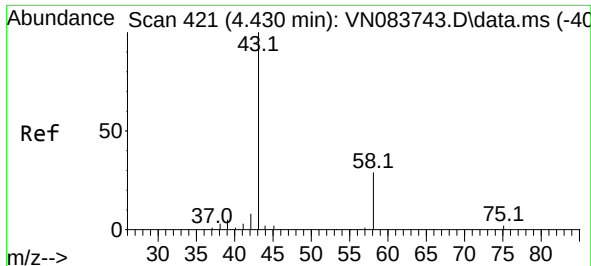
Tgt Ion:168 Resp: 165177
Ion Ratio Lower Upper
168 100
99 72.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#16

Acetone

Concen: 0.390 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.000 min

Lab File: VN083926.D

Acq: 16 Sep 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

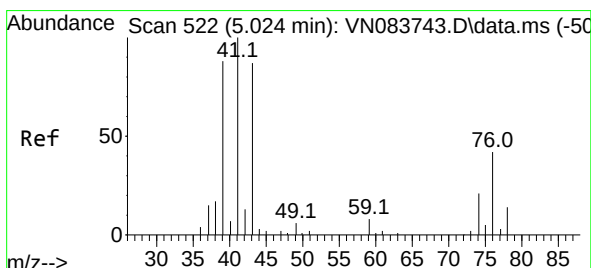
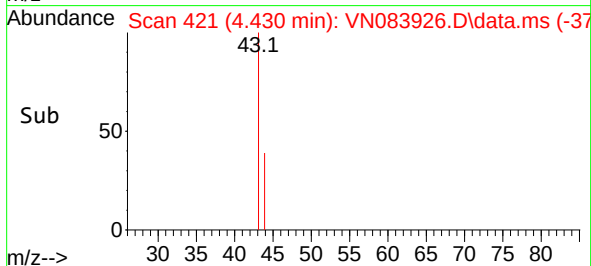
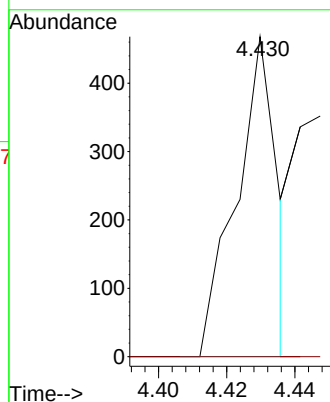
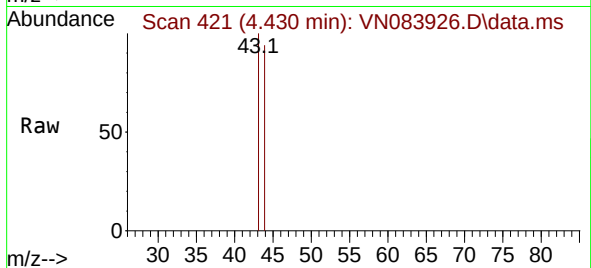
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 43 Resp: 389

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN083926.D

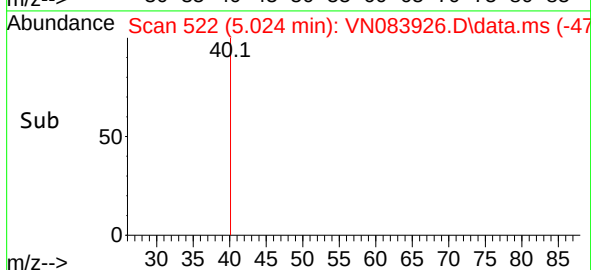
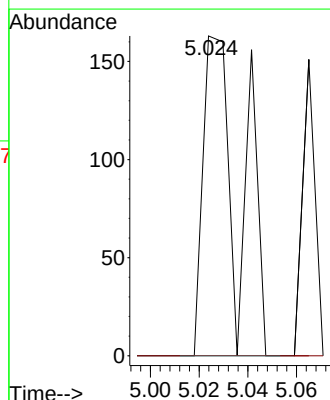
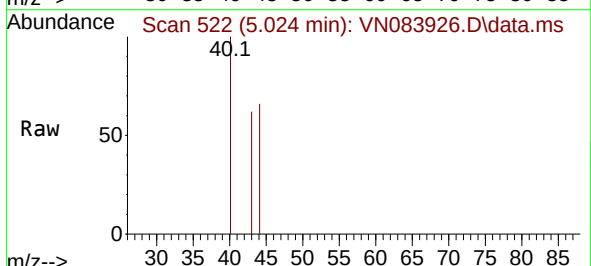
Acq: 16 Sep 2024 18:39

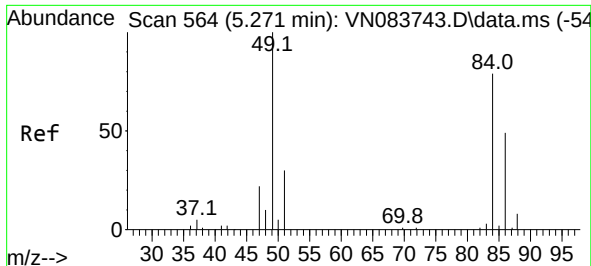
Tgt Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#

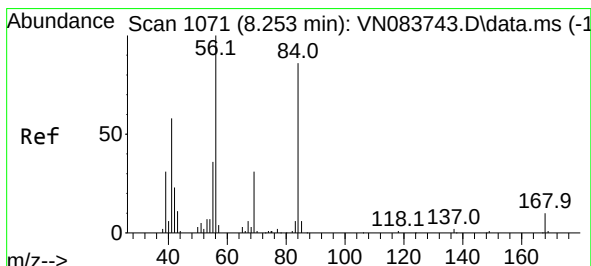
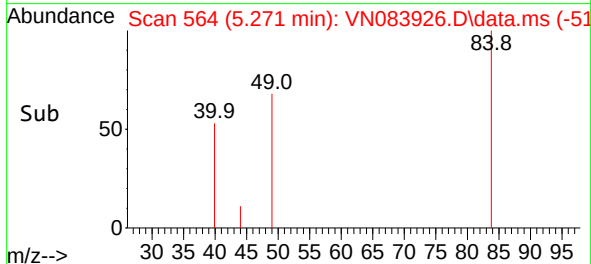
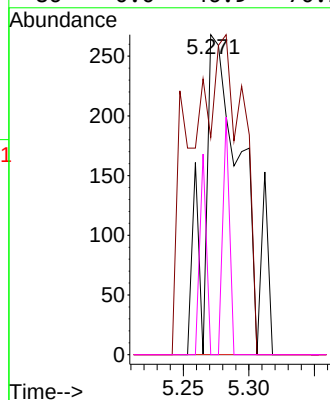
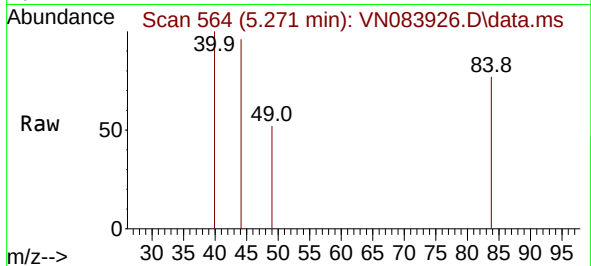




#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

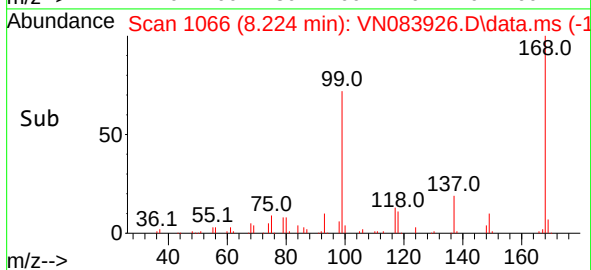
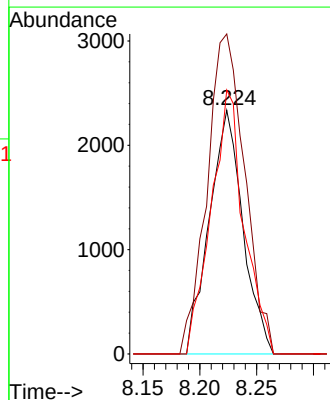
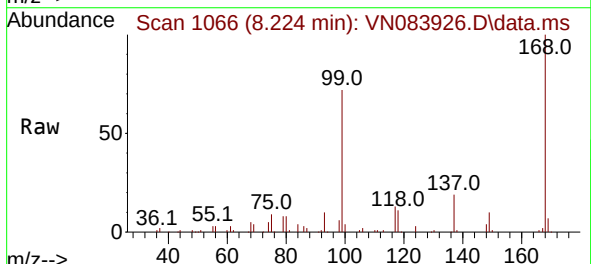
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

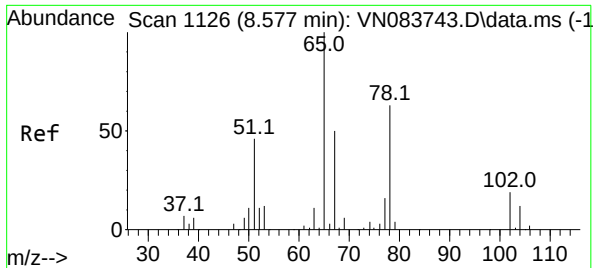
Tgt Ion:	84	Resp:	544
Ion	Ratio	Lower	Upper
84	100		
49	67.9	93.4	140.0#
51	0.0	29.2	43.8#
86	0.0	46.9	70.3#



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

Tgt Ion:	56	Resp:	4801
Ion	Ratio	Lower	Upper
56	100		
69	131.3	26.9	40.3#
84	108.4	69.2	103.8#





#33

1,2-Dichloroethane-d4

Concen: 51.970 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083926.D

Acq: 16 Sep 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

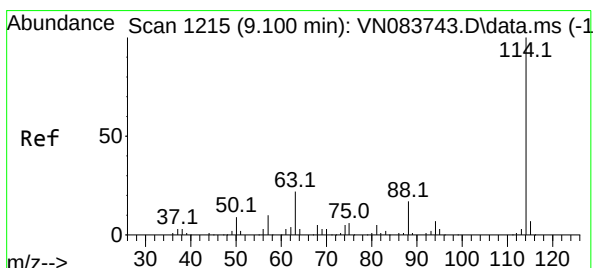
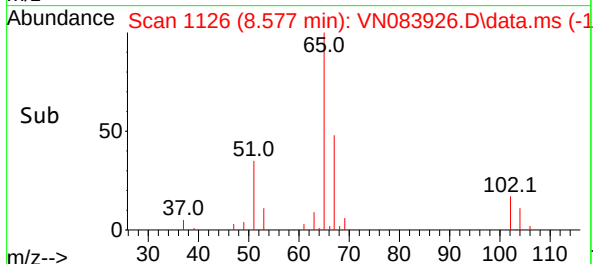
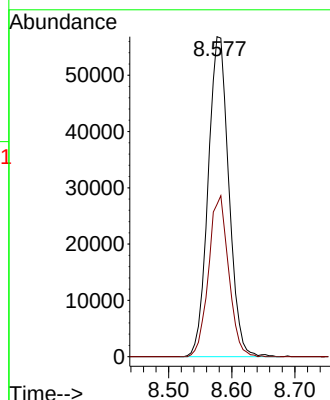
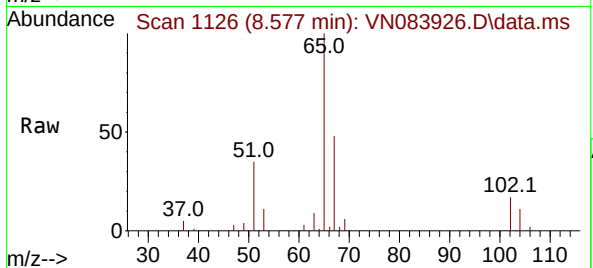
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 129439

Ion Ratio Lower Upper

65 100

67 48.8 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: VN083926.D

Acq: 16 Sep 2024 18:39

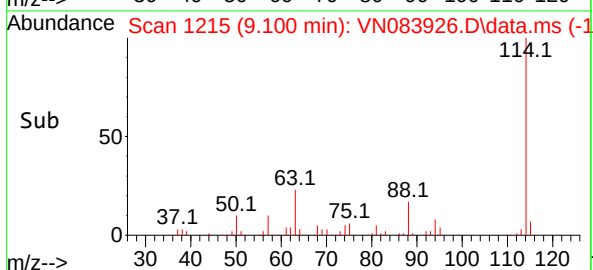
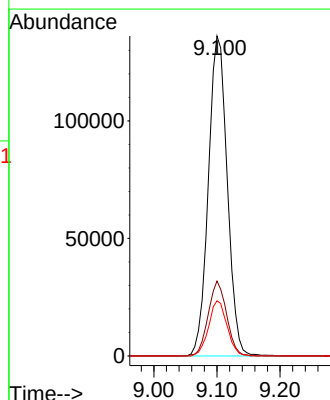
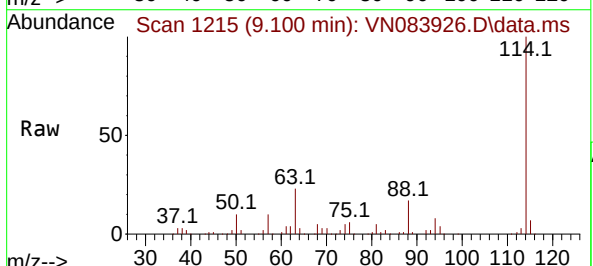
Tgt Ion: 114 Resp: 283057

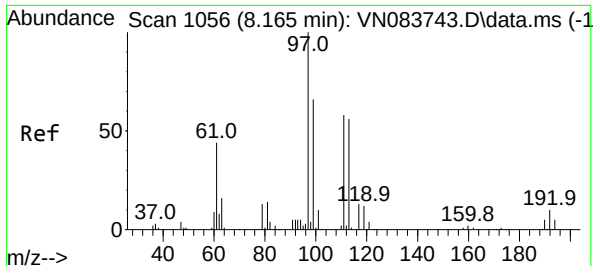
Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

88 17.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.467 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083926.D

Acq: 16 Sep 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

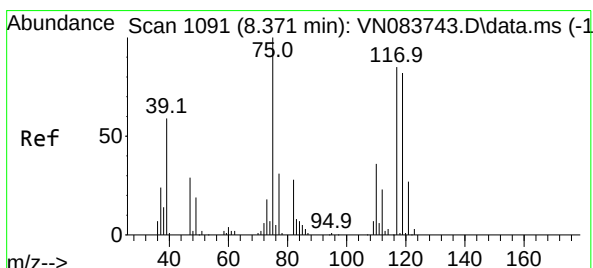
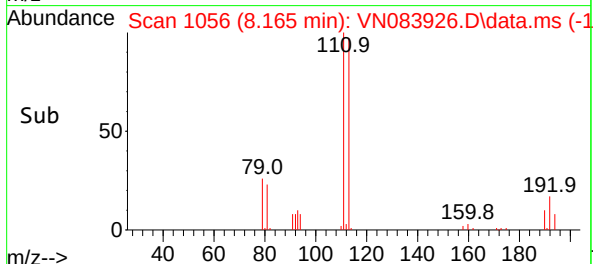
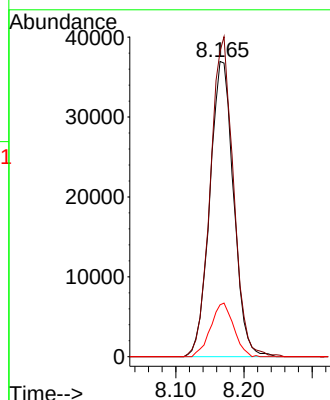
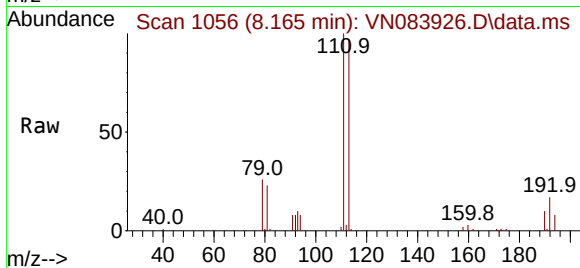
Tgt Ion:113 Resp: 89639

Ion Ratio Lower Upper

113 100

111 105.3 82.6 124.0

192 17.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.679 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083926.D

Acq: 16 Sep 2024 18:39

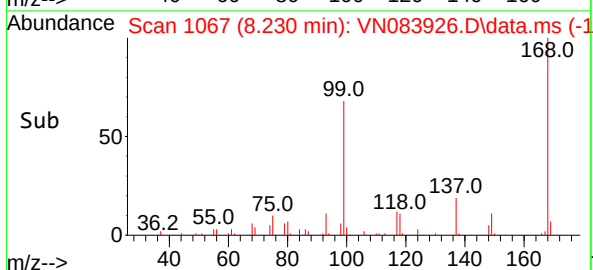
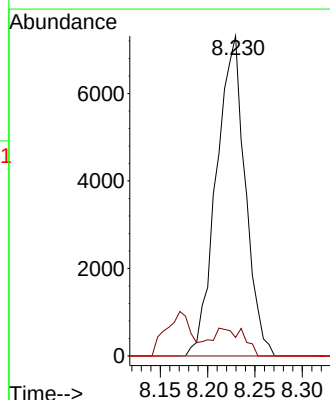
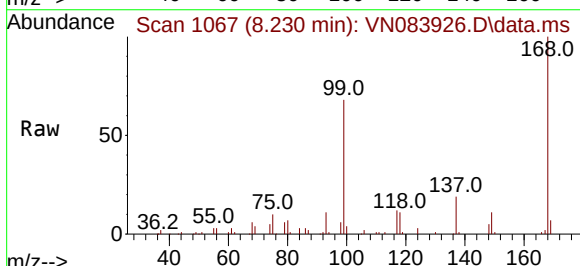
Tgt Ion: 75 Resp: 15488

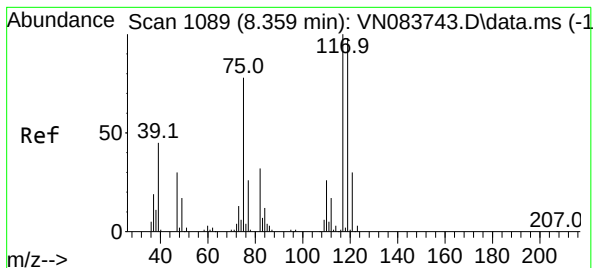
Ion Ratio Lower Upper

75 100

110 9.5 16.7 50.1#

77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 6.455 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN083926.D

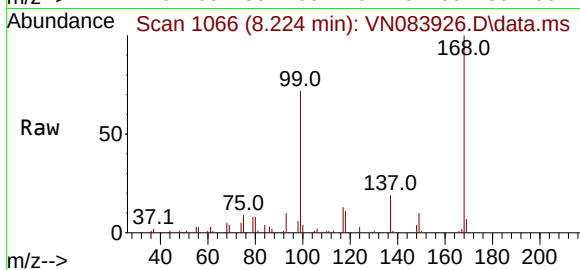
Acq: 16 Sep 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



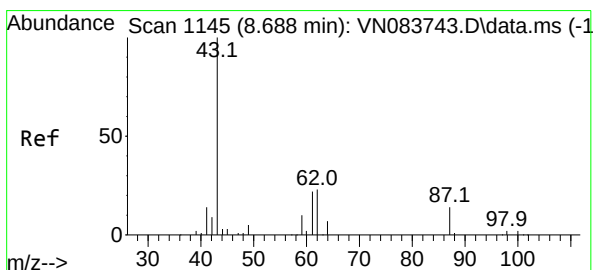
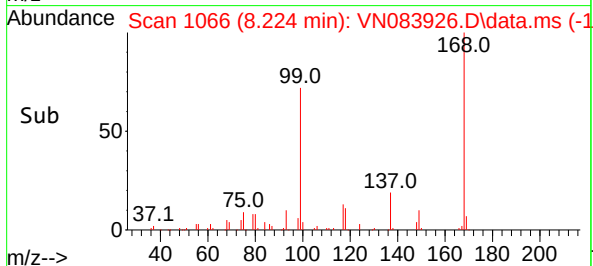
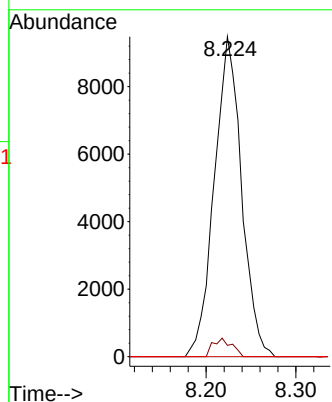
Tgt Ion:117 Resp: 19973

Ion Ratio Lower Upper

117 100

119 3.5 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: 1.233 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN083926.D

Acq: 16 Sep 2024 18:39

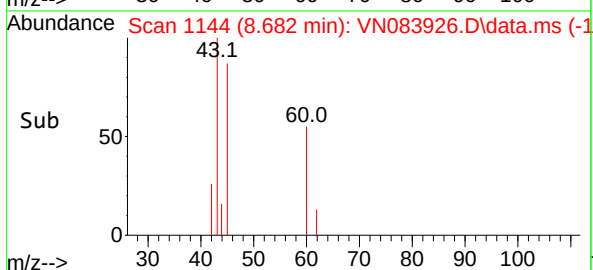
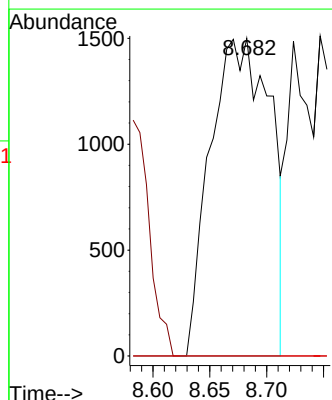
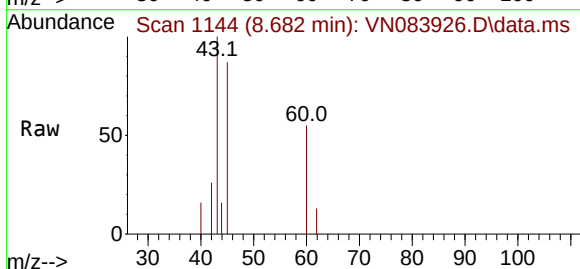
Tgt Ion: 43 Resp: 5533

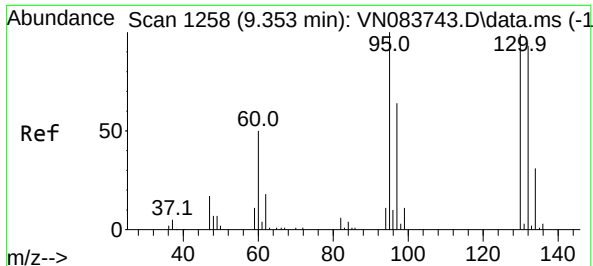
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

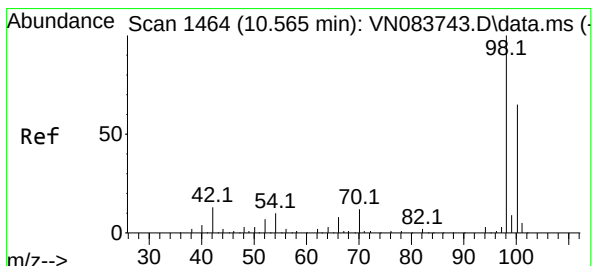
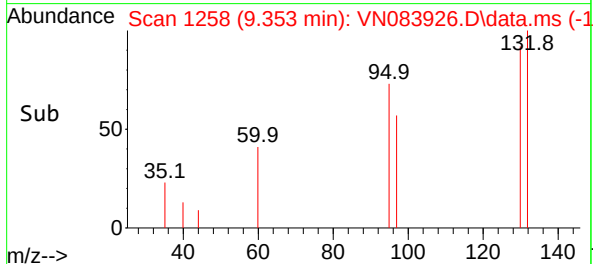
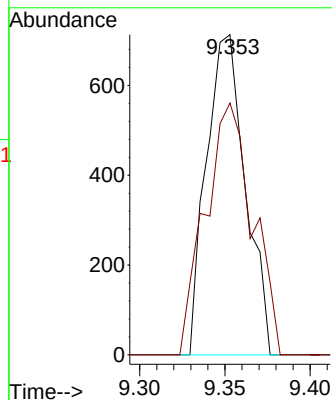
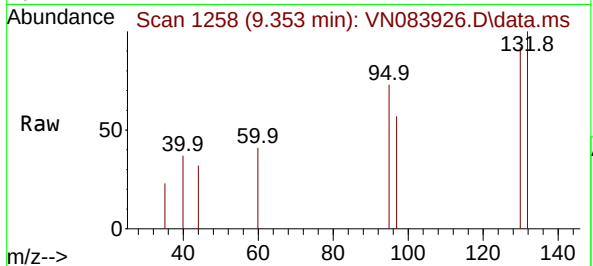




#44
Trichloroethene
Concen: 0.597 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

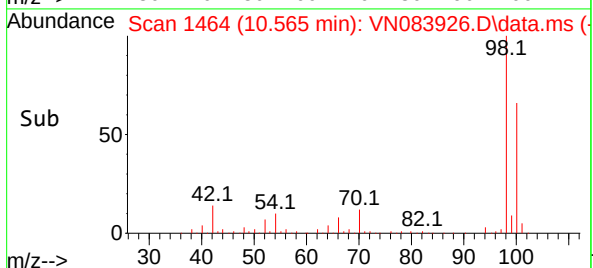
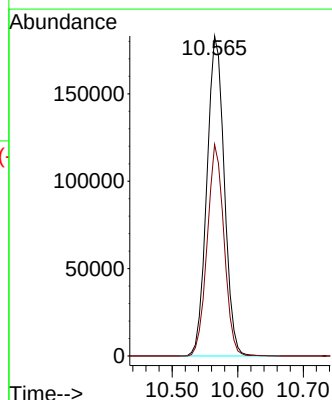
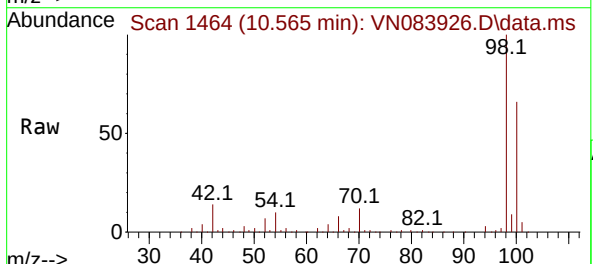
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

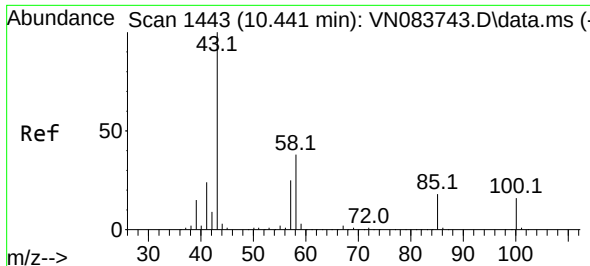
Tgt Ion:130 Resp: 1134
Ion Ratio Lower Upper
130 100
95 78.7 0.0 200.4



#50
Toluene-d8
Concen: 53.878 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

Tgt Ion: 98 Resp: 337519
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.744 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.123 min

Lab File: VN083926.D

Acq: 16 Sep 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

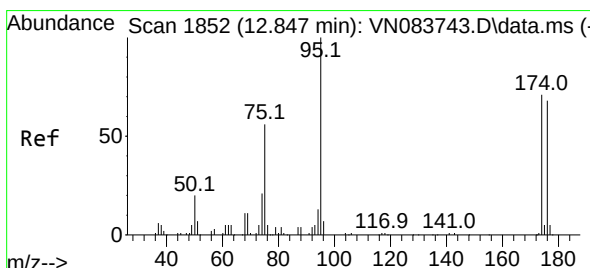
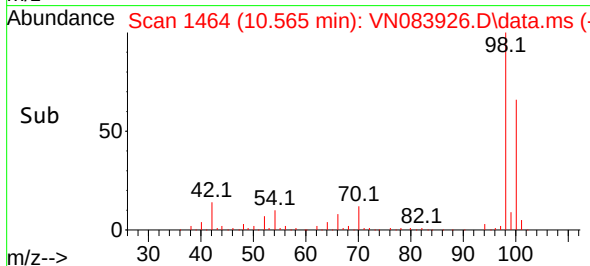
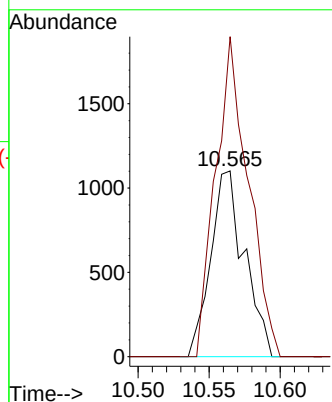
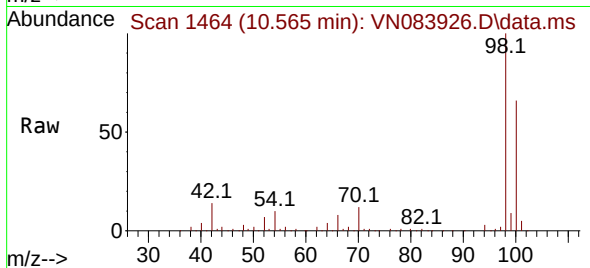
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 43 Resp: 1816

Ion Ratio Lower Upper

43 100

58 167.6 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 46.312 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083926.D

Acq: 16 Sep 2024 18:39

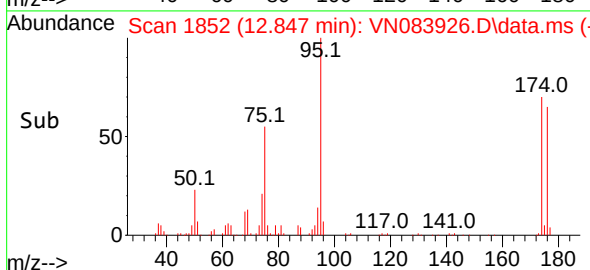
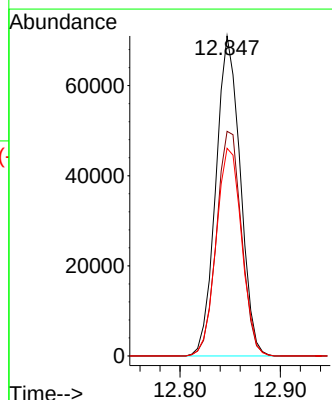
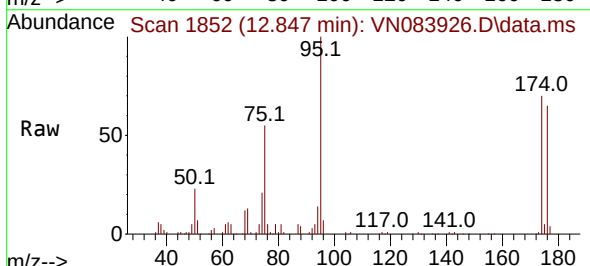
Tgt Ion: 95 Resp: 119697

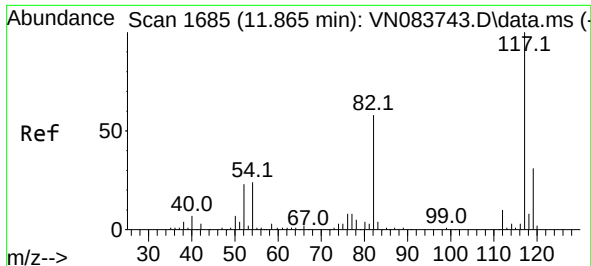
Ion Ratio Lower Upper

95 100

174 71.8 0.0 139.8

176 68.1 0.0 131.4

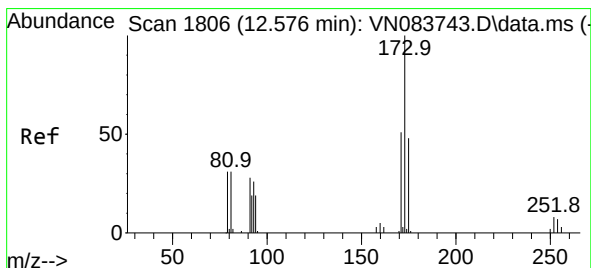
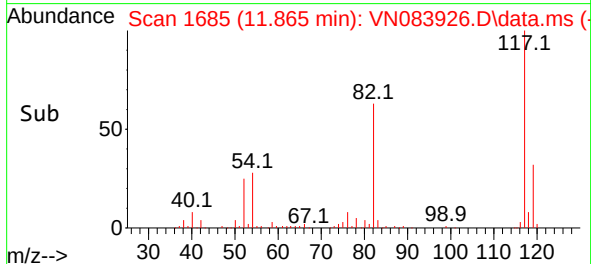
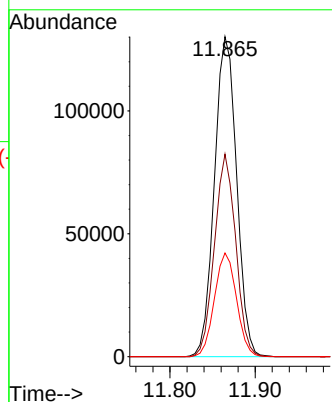
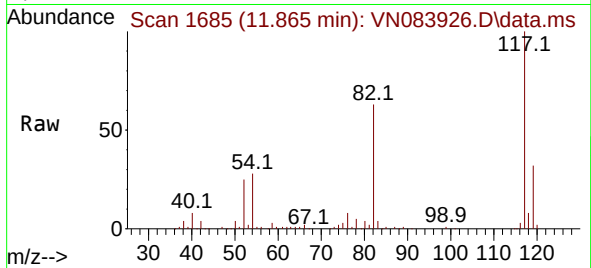




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

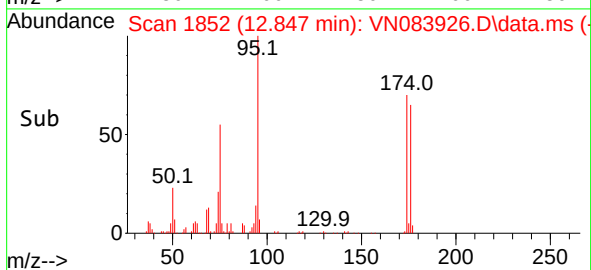
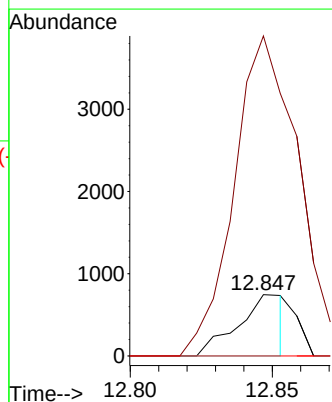
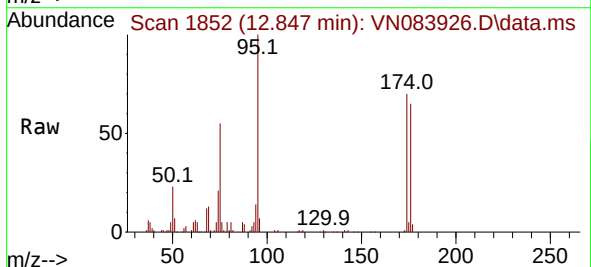
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

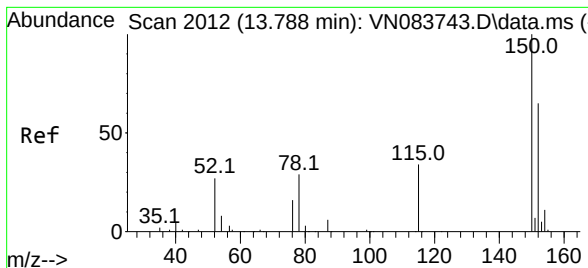
Tgt Ion:117 Resp: 236214
Ion Ratio Lower Upper
117 100
82 63.3 47.4 71.0
119 32.4 26.3 39.5



#71
Bromoform
Concen: 0.701 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

Tgt Ion:173 Resp: 860
Ion Ratio Lower Upper
173 100
175 534.8 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# 20

Delta R.T. -0.000 min

Lab File: VN083926.D

Acq: 16 Sep 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

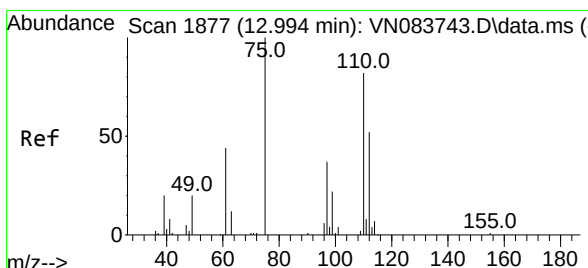
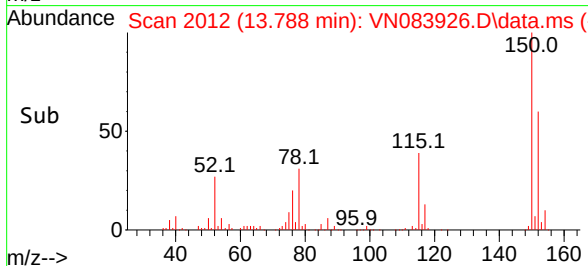
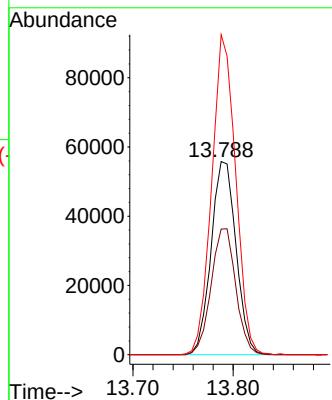
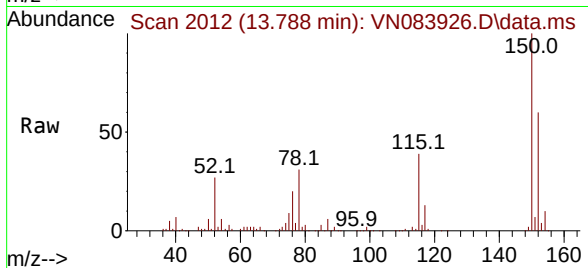
Tgt Ion:152 Resp: 96640

Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 158.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 35.746 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083926.D

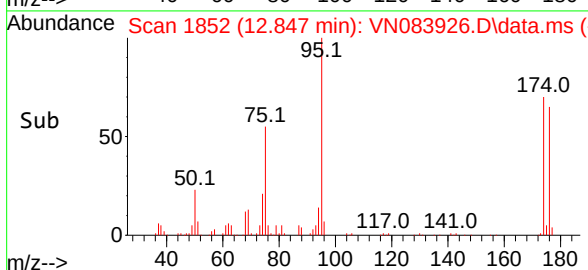
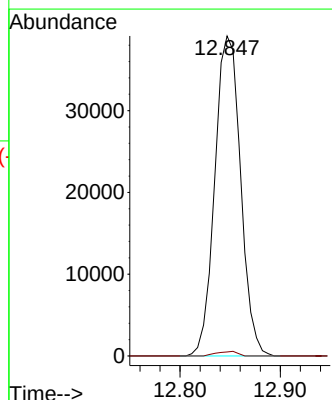
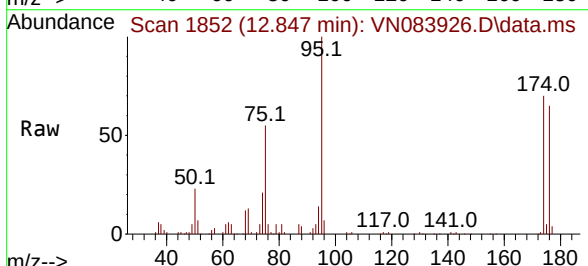
Acq: 16 Sep 2024 18:39

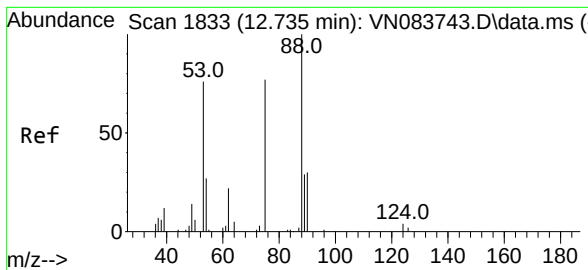
Tgt Ion: 75 Resp: 69704

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.620 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083926.D
Acq: 16 Sep 2024 18:39

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 69704
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#

