

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
 Data File : VN080863.D
 Acq On : 01 Feb 2024 12:26
 Operator : JC\MD
 Sample : P1307-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-614-VOC-01

Quant Time: Feb 02 03:37:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

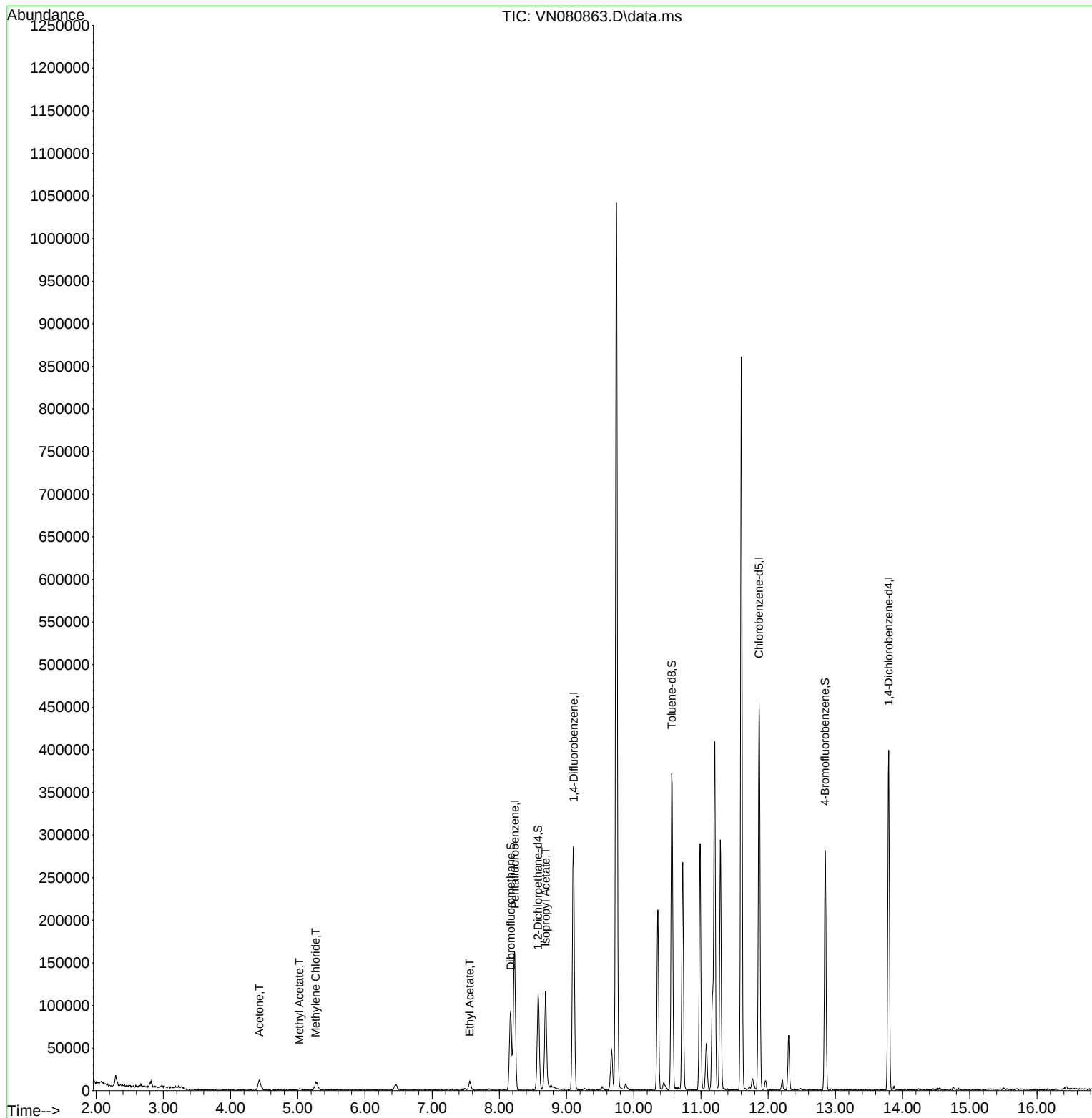
Internal Standards						
1) Pentafluorobenzene	8.230	168	97788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	212690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	93148	55.061	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.120%
35) Dibromofluoromethane	8.171	113	62580	48.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.565	98	241120	47.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.847	95	96307	54.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.520%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	22394	36.500	ug/l #	79
18) Methyl Acetate	5.024	43	2607	1.219	ug/l #	66
20) Methylene Chloride	5.265	84	6265	3.890	ug/l #	84
37) Ethyl Acetate	7.559	43	16102	6.467	ug/l #	89
43) Isopropyl Acetate	8.688	43	132556	29.243	ug/l #	86

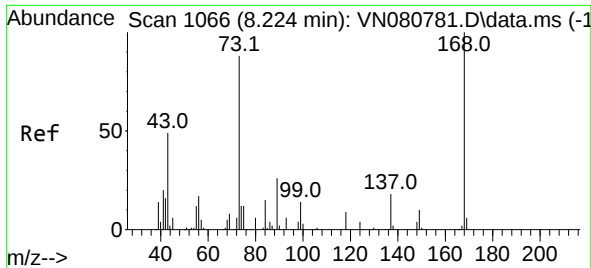
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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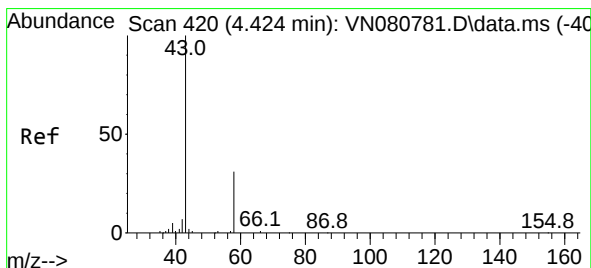
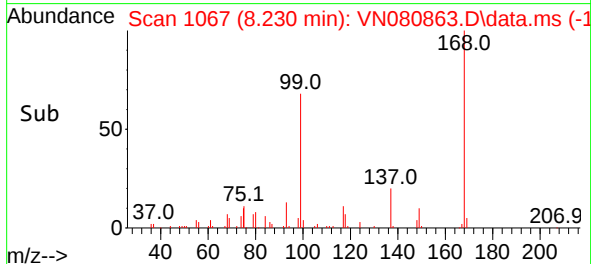
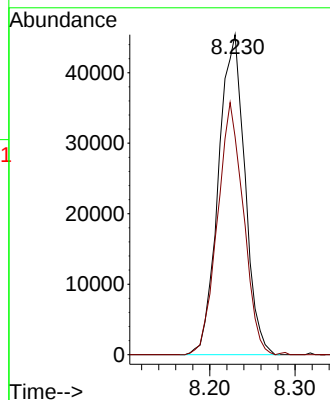
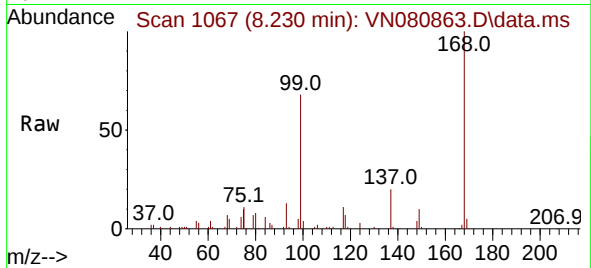




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080863.D
Acq: 01 Feb 2024 12:26

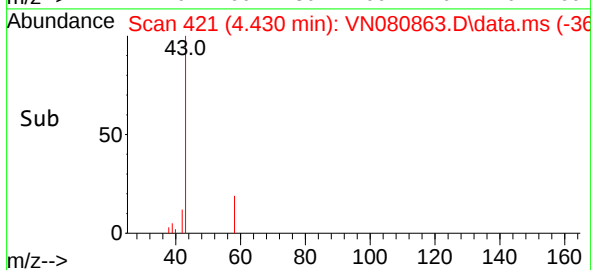
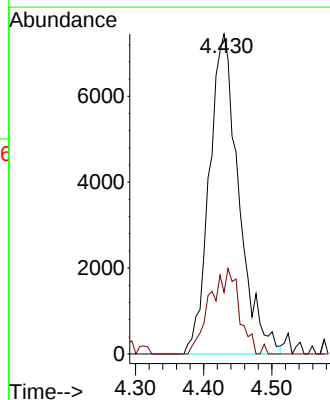
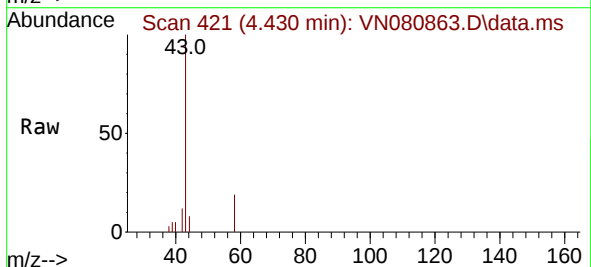
Instrument :
MSVOA_N
ClientSampleId :
TR-614-VOC-01

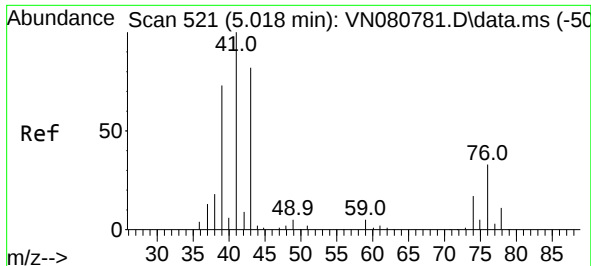
Tgt Ion:168 Resp: 97788
Ion Ratio Lower Upper
168 100
99 68.1 59.9 89.9



#16
Acetone
Concen: 36.500 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080863.D
Acq: 01 Feb 2024 12:26

Tgt Ion: 43 Resp: 22394
Ion Ratio Lower Upper
43 100
58 19.3 24.8 37.2#

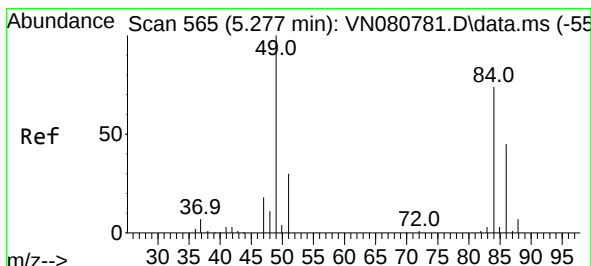
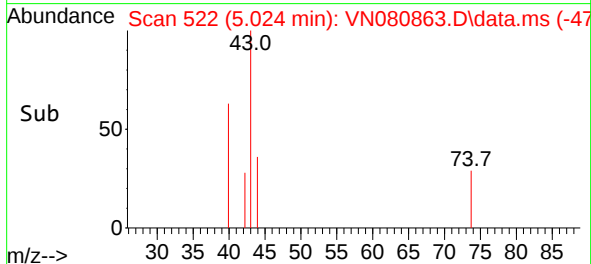
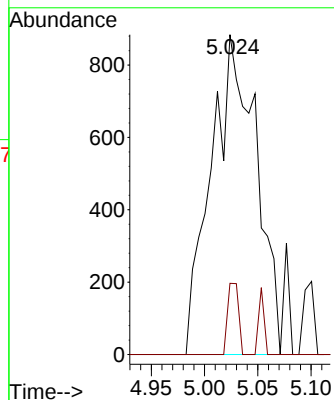
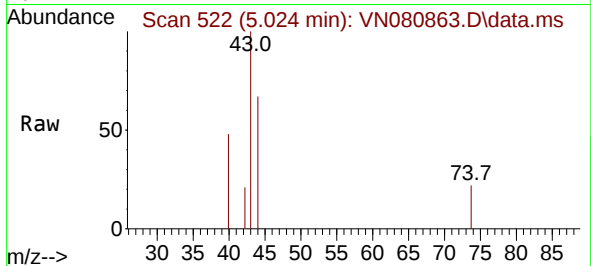




#18
Methyl Acetate
Concen: 1.219 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080863.D
Acq: 01 Feb 2024 12:26

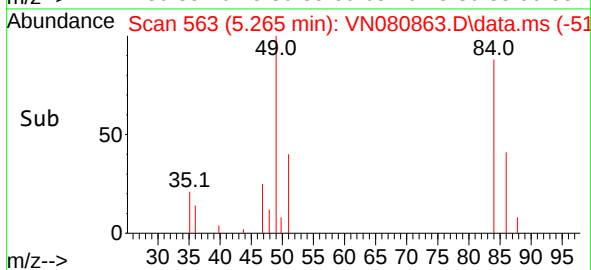
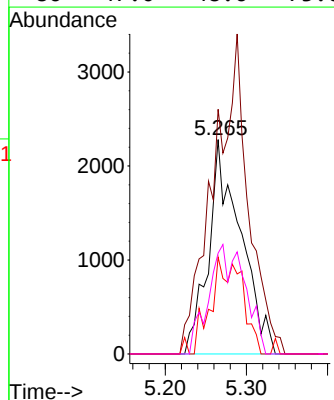
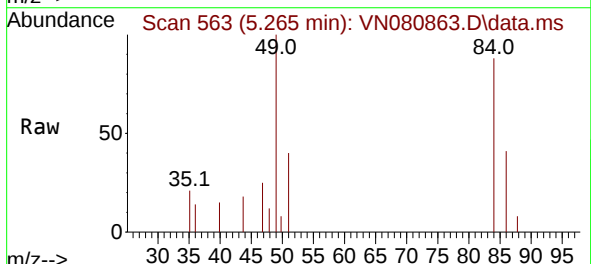
Instrument :
MSVOA_N
ClientSampleId :
TR-614-VOC-01

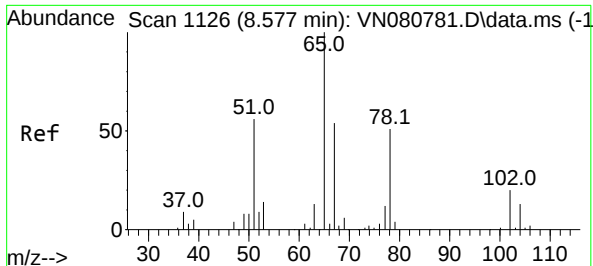
Tgt Ion: 43 Resp: 2607
Ion Ratio Lower Upper
43 100
74 5.3 17.3 25.9#



#20
Methylene Chloride
Concen: 3.890 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080863.D
Acq: 01 Feb 2024 12:26

Tgt Ion: 84 Resp: 6265
Ion Ratio Lower Upper
84 100
49 114.1 108.1 162.1
51 45.2 32.9 49.3
86 47.0 48.6 73.0#





#33

1,2-Dichloroethane-d4

Concen: 55.061 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080863.D

Acq: 01 Feb 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

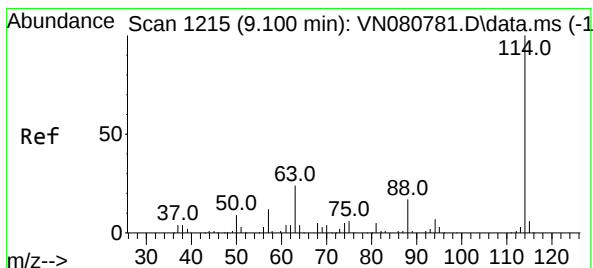
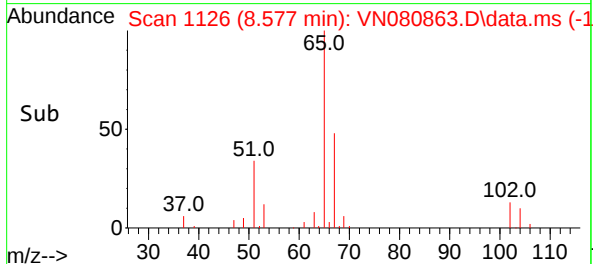
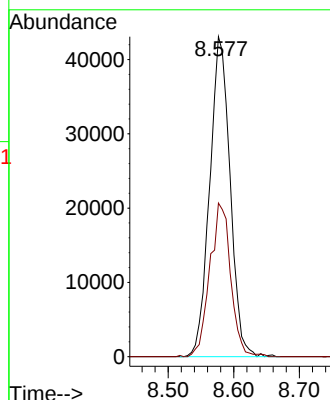
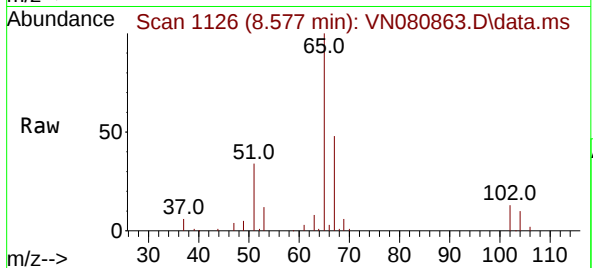
TR-614-VOC-01

Tgt Ion: 65 Resp: 93148

Ion Ratio Lower Upper

65 100

67 49.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080863.D

Acq: 01 Feb 2024 12:26

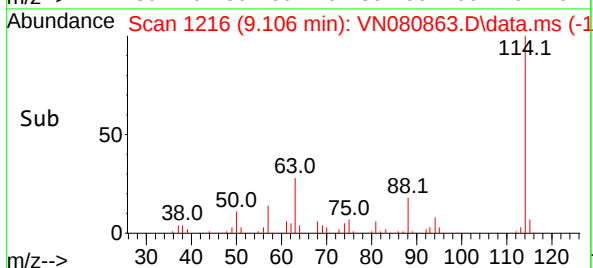
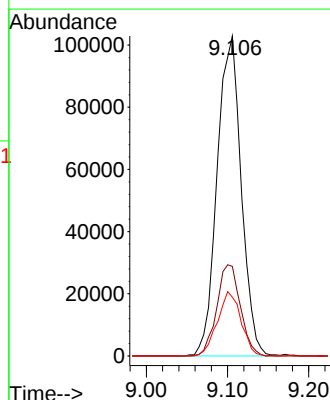
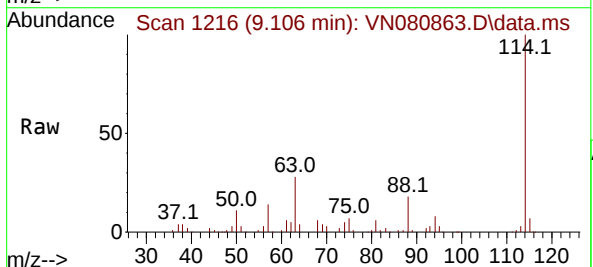
Tgt Ion: 114 Resp: 212690

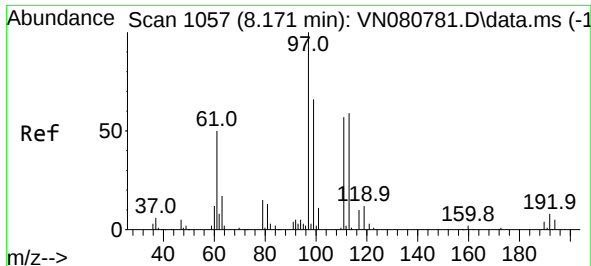
Ion Ratio Lower Upper

114 100

63 28.0 0.0 48.0

88 18.3 0.0 34.8

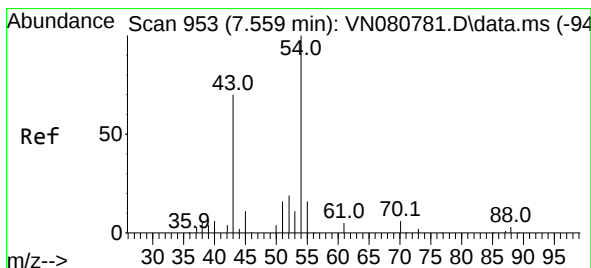
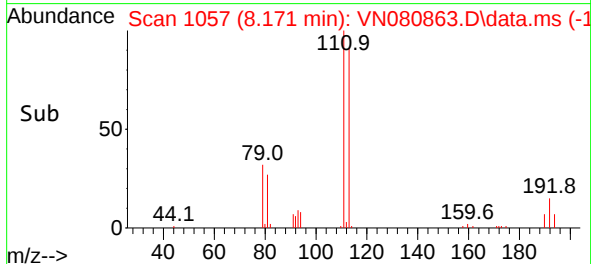
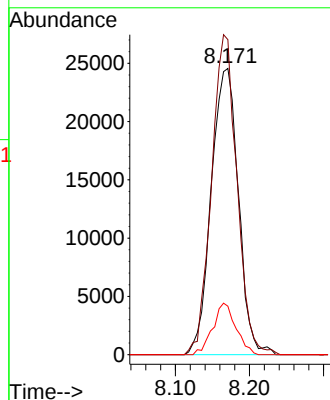
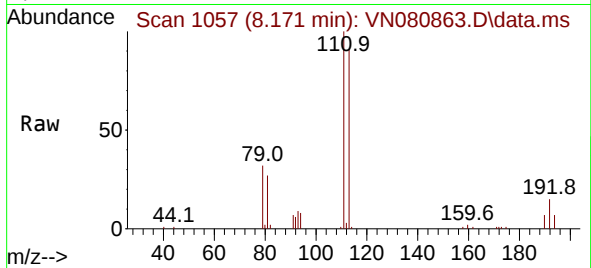




#35
Dibromofluoromethane
Concen: 48.092 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080863.D
Acq: 01 Feb 2024 12:26

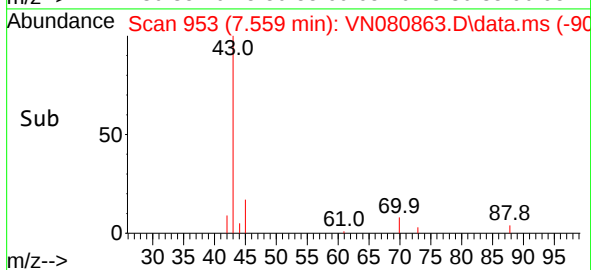
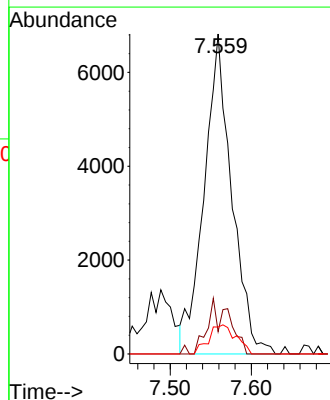
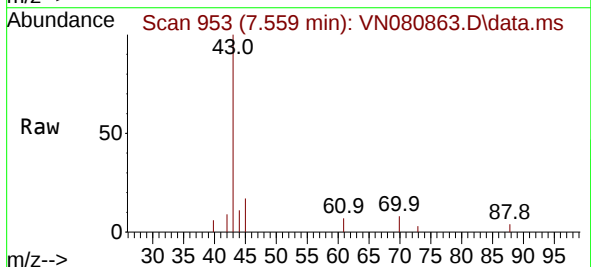
Instrument :
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ClientSampleId :
TR-614-VOC-01

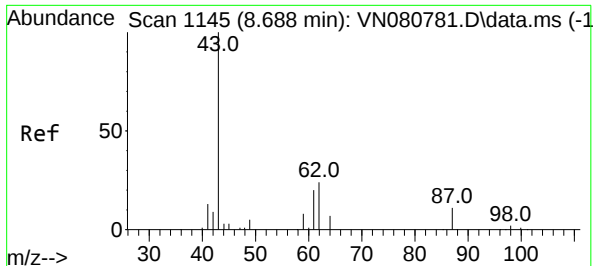
Tgt Ion:113 Resp: 62580
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 15.3 12.5 18.7



#37
Ethyl Acetate
Concen: 6.467 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN080863.D
Acq: 01 Feb 2024 12:26

Tgt Ion: 43 Resp: 16102
Ion Ratio Lower Upper
43 100
61 6.5 10.6 15.8#
70 9.0 8.0 12.0





#43

Isopropyl Acetate

Concen: 29.243 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080863.D

Acq: 01 Feb 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

TR-614-VOC-01

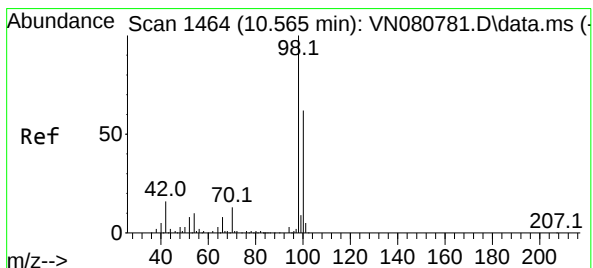
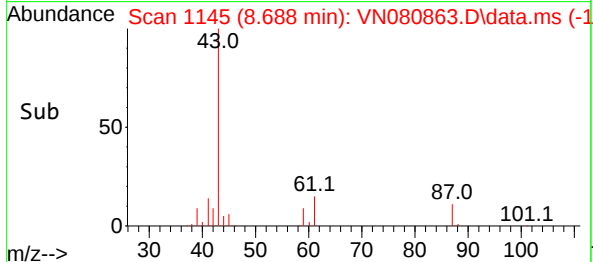
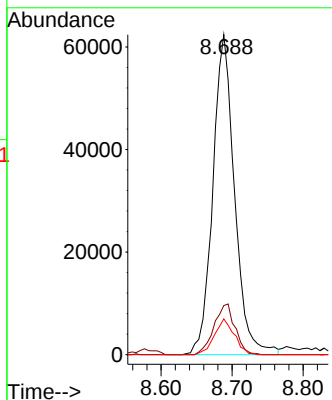
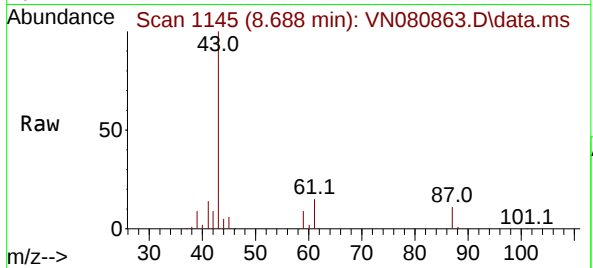
Tgt Ion: 43 Resp: 132556

Ion Ratio Lower Upper

43 100

61 15.3 19.9 29.9#

87 10.2 9.0 13.6



#50

Toluene-d8

Concen: 47.344 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080863.D

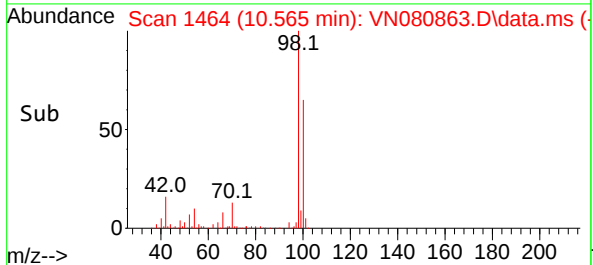
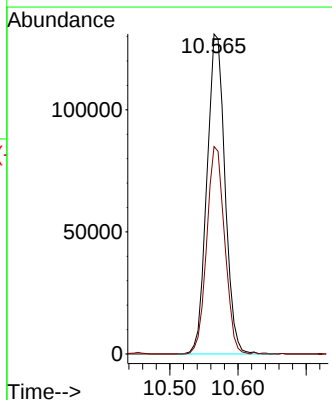
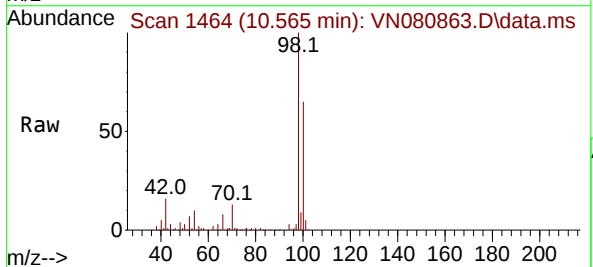
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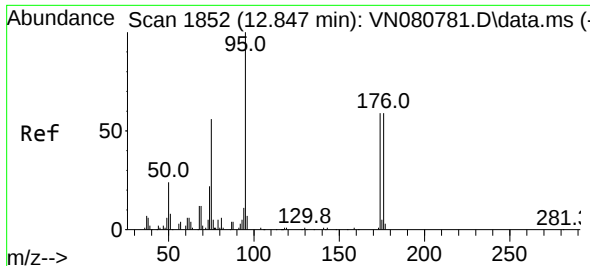
Tgt Ion: 98 Resp: 241120

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

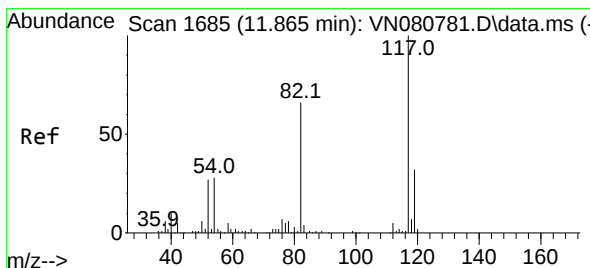
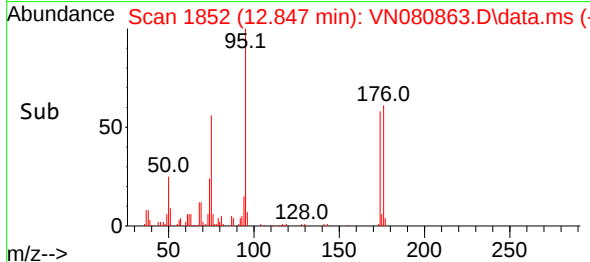
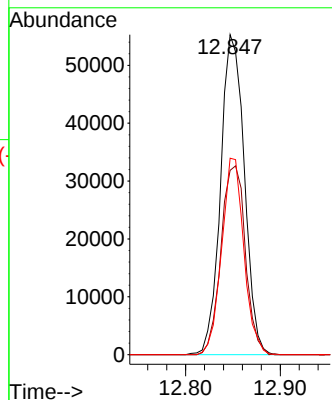
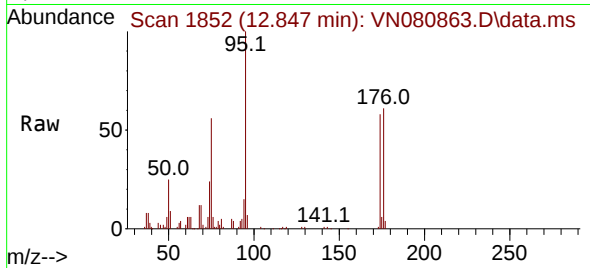




#62
4-Bromofluorobenzene
Concen: 54.264 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080863.D
Acq: 01 Feb 2024 12:26

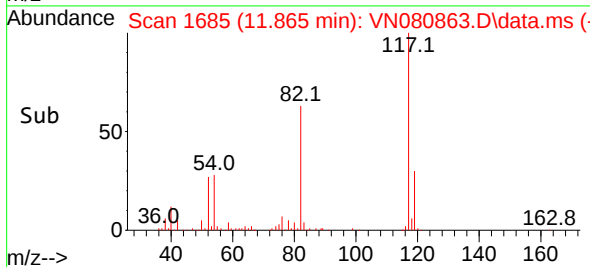
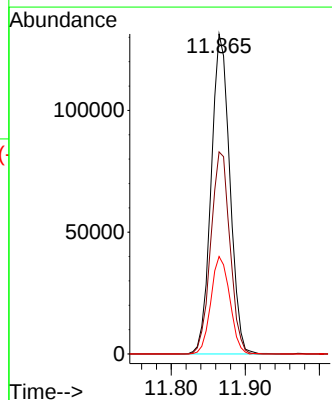
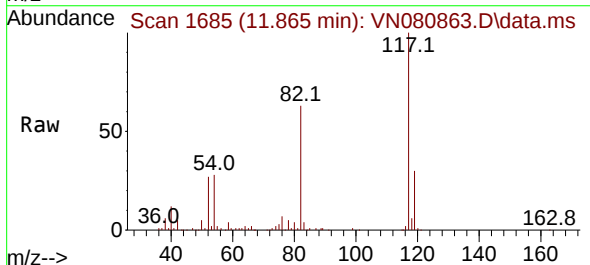
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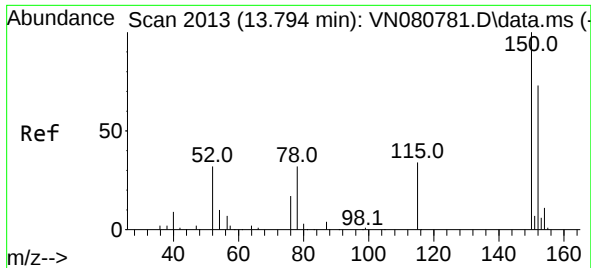
Tgt Ion: 95 Resp: 96307
Ion Ratio Lower Upper
95 100
174 60.7 0.0 120.4
176 57.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080863.D
Acq: 01 Feb 2024 12:26

Tgt Ion: 117 Resp: 229328
Ion Ratio Lower Upper
117 100
82 63.2 52.7 79.1
119 30.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN080863.D

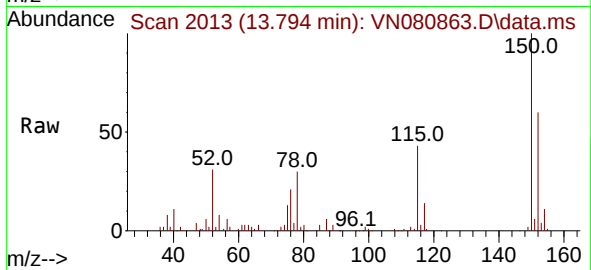
Acq: 01 Feb 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

TR-614-VOC-01



Tgt Ion:152 Resp: 86761

Ion Ratio Lower Upper

152 100

115 67.0 32.3 96.8

150 164.6 0.0 339.8

