

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083325.D
 Acq On : 15 Aug 2024 12:46
 Operator : JC\MD
 Sample : P3619-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-081424

Quant Time: Aug 16 01:49:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

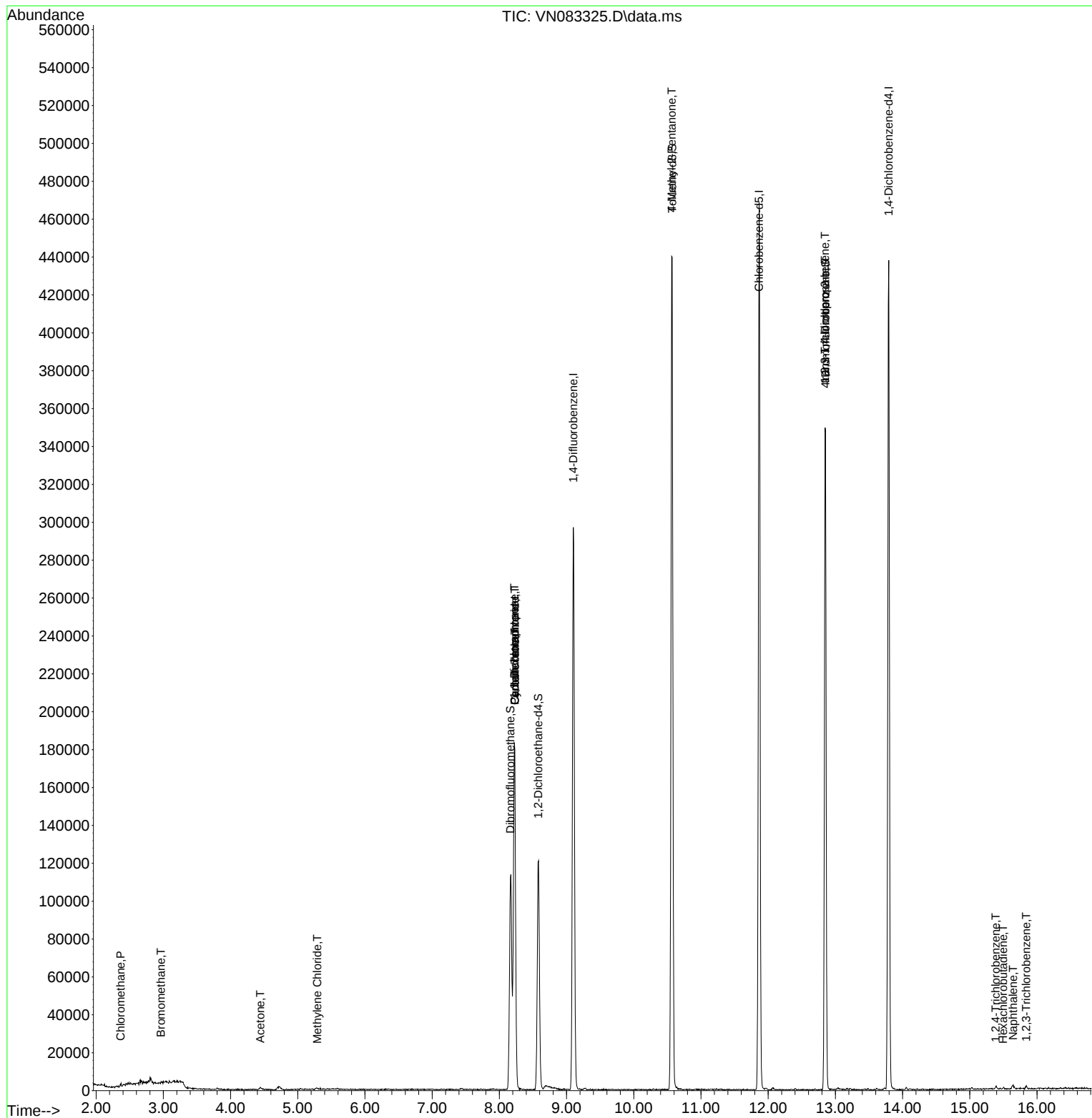
Internal Standards						
1) Pentafluorobenzene	8.230	168	124662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104909	59.123	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.240%			
35) Dibromofluoromethane	8.165	113	83111	53.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.500%			
50) Toluene-d8	10.571	98	310669	53.365	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.740%			
62) 4-Bromofluorobenzene	12.853	95	127066	55.986	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.980%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	939	0.649	ug/l	92
5) Bromomethane	2.965	94	280	0.306	ug/l #	62
16) Acetone	4.442	43	1776	2.558	ug/l	92
20) Methylene Chloride	5.289	84	326	0.204	ug/l #	34
31) Cyclohexane	8.230	56	3527	1.341	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	11411	4.833	ug/l #	50
38) Carbon Tetrachloride	8.230	117	15114	5.684	ug/l #	16
43) Isopropyl Acetate	8.706	43	2306	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1373	0.549	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68586	27.220	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68586	59.210	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.388	180	645	0.296	ug/l	88
94) Hexachlorobutadiene	15.494	225	355	0.367	ug/l #	57
95) Naphthalene	15.647	128	2882	0.374	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.841	180	638	0.296	ug/l #	84

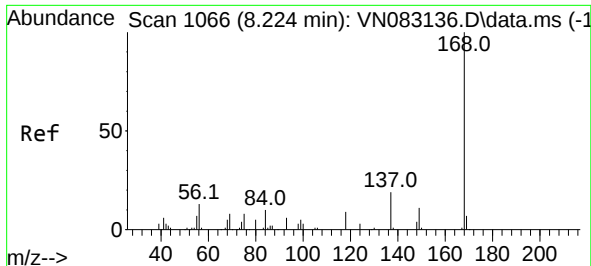
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

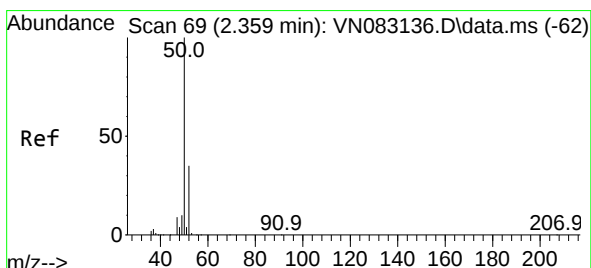
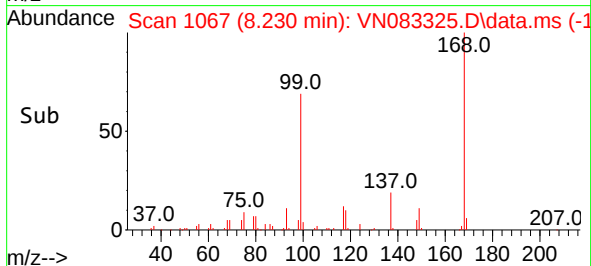
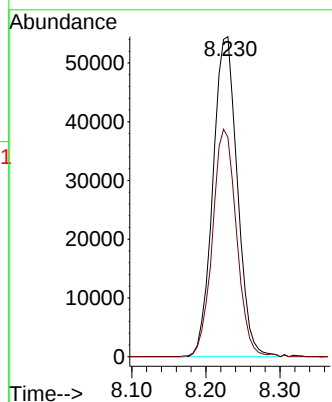
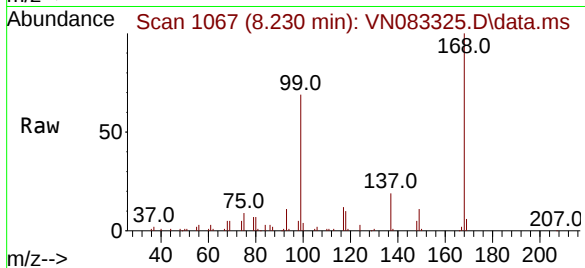
TB-02-081424

Tgt Ion:168 Resp: 124662

Ion Ratio Lower Upper

168 100

99 68.5 48.2 72.4



#3

Chloromethane

Concen: 0.649 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN083325.D

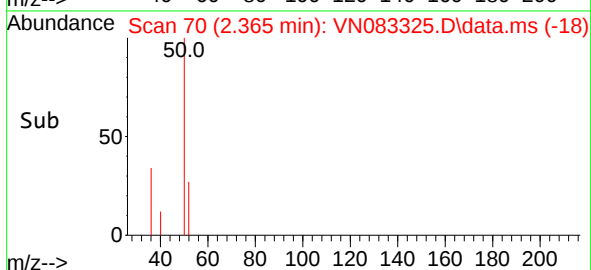
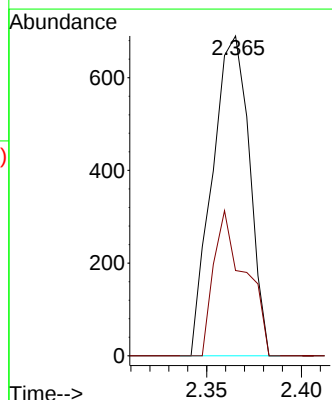
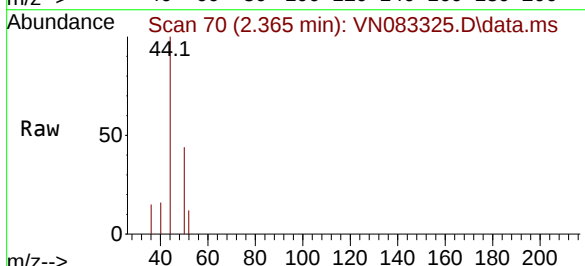
Acq: 15 Aug 2024 12:46

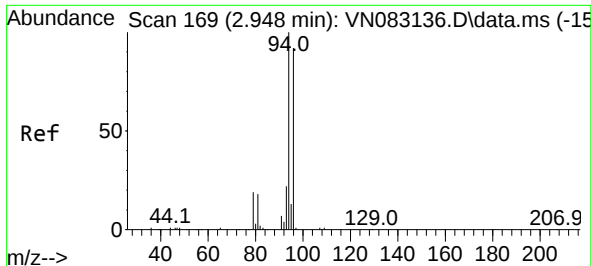
Tgt Ion: 50 Resp: 939

Ion Ratio Lower Upper

50 100

52 26.7 25.0 37.4

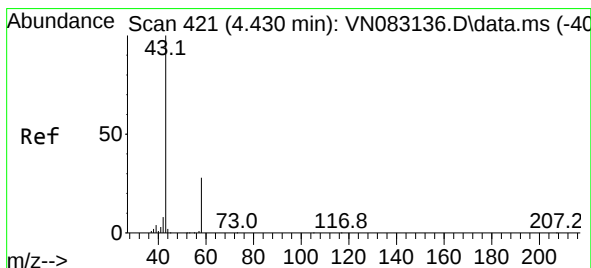
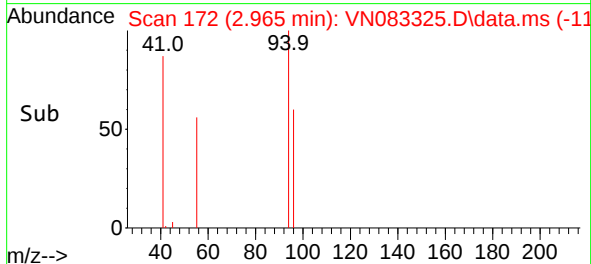
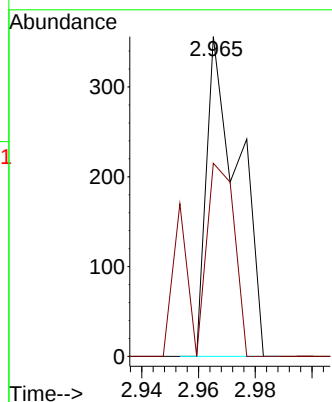
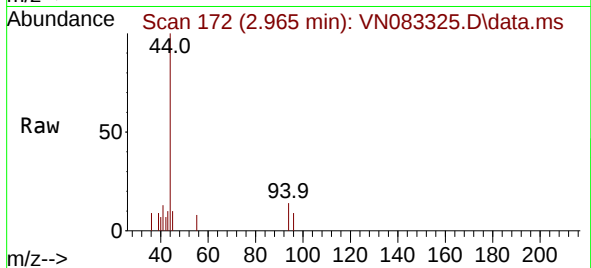




#5
Bromomethane
Concen: 0.306 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

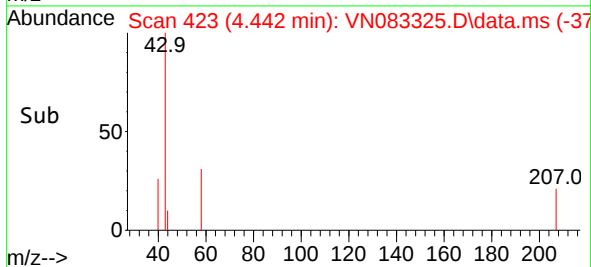
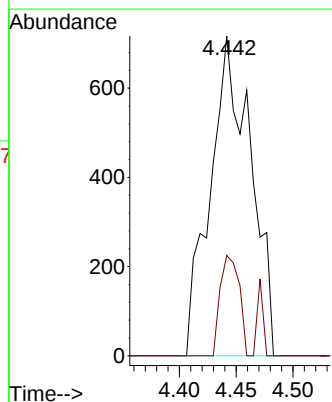
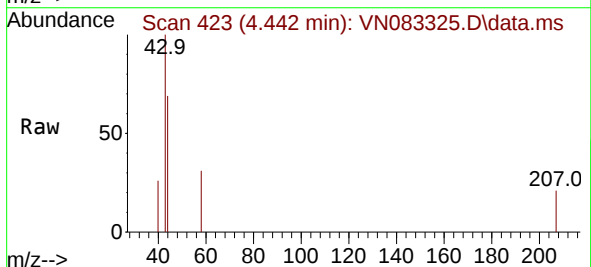
Instrument :
MSVOA_N
ClientSampleId :
TB-02-081424

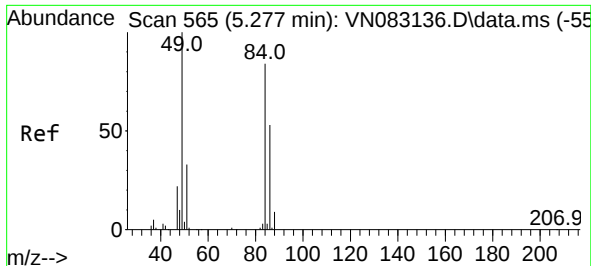
Tgt Ion: 94 Resp: 280
Ion Ratio Lower Upper
94 100
96 60.4 78.0 117.0#



#16
Acetone
Concen: 2.558 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

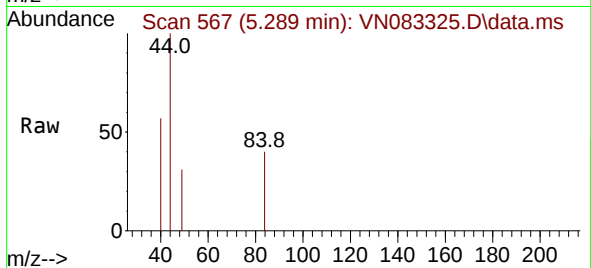
Tgt Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
58 31.4 21.8 32.6



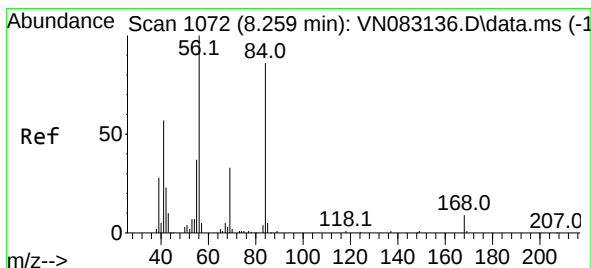
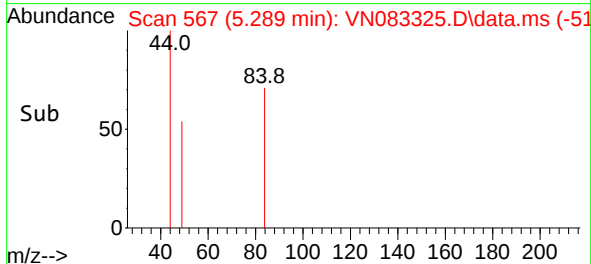
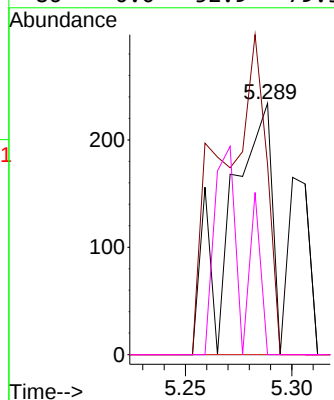


#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
TB-02-081424

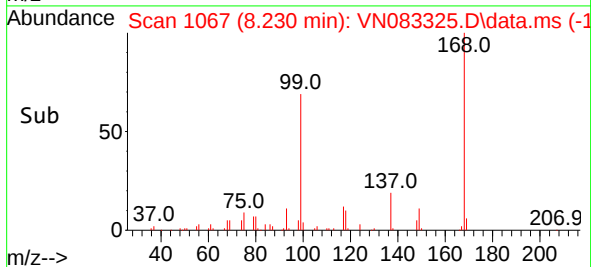
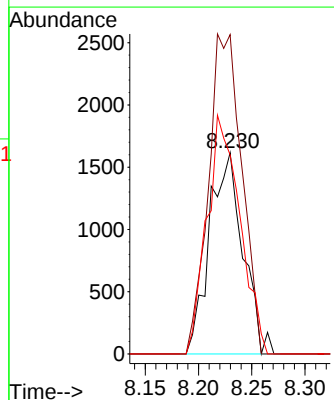
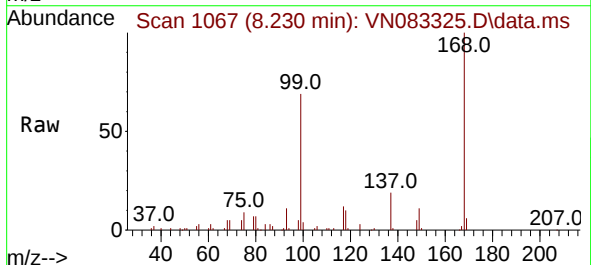


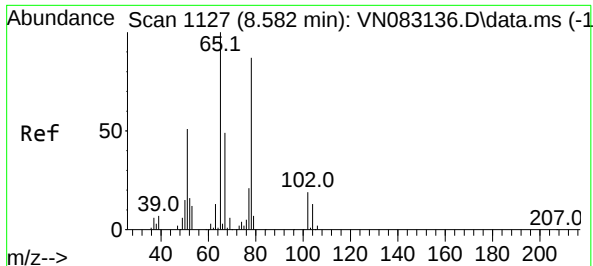
Tgt Ion:	84	Resp:	326
Ion	Ratio	Lower	Upper
84	100		
49	75.6	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#31
Cyclohexane
Concen: 1.341 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

Tgt Ion:	56	Resp:	3527
Ion	Ratio	Lower	Upper
56	100		
69	158.6	24.5	36.7#
84	98.9	66.0	99.0





#33

1,2-Dichloroethane-d4

Concen: 59.123 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

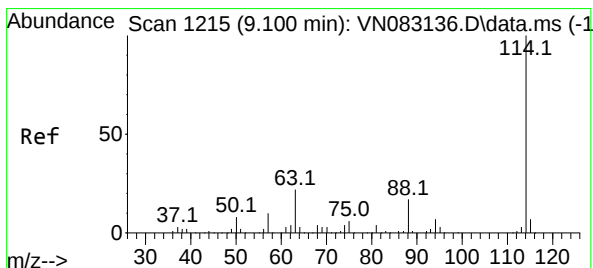
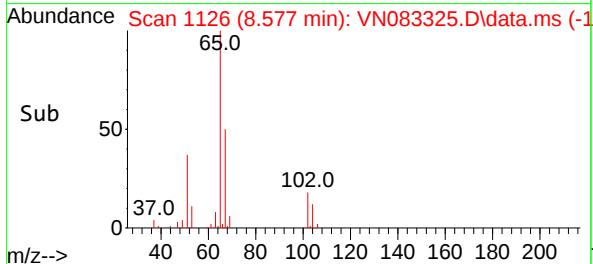
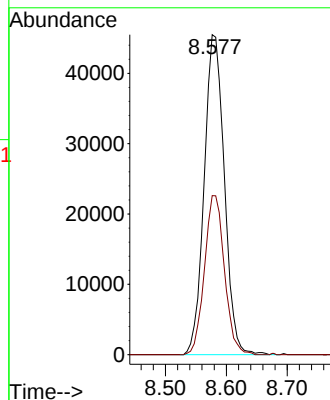
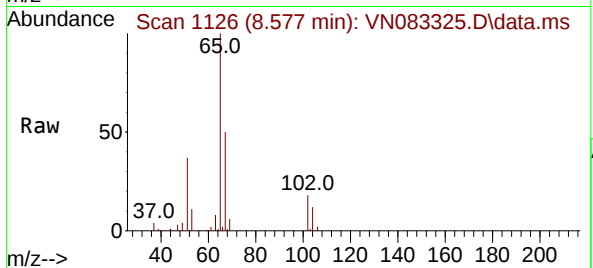
TB-02-081424

Tgt Ion: 65 Resp: 104909

Ion Ratio Lower Upper

65 100

67 49.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

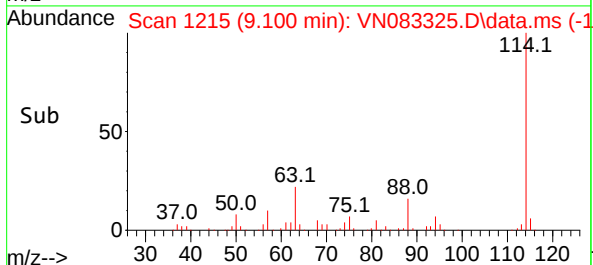
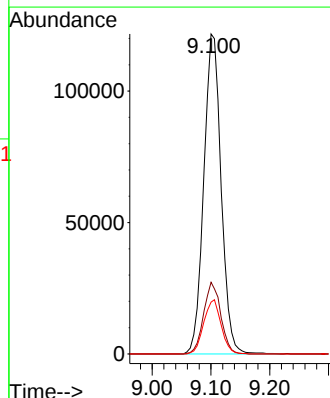
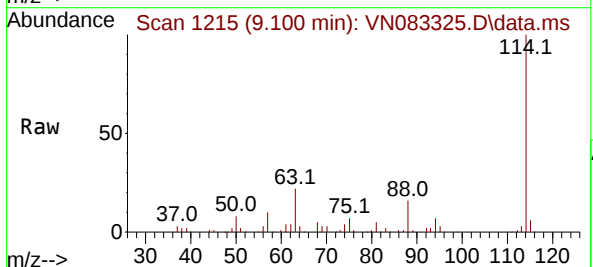
Tgt Ion: 114 Resp: 250032

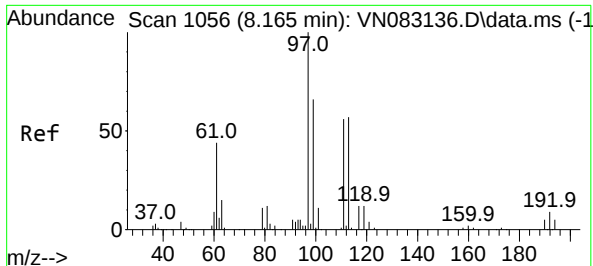
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.254 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083325.D

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Instrument :

MSVOA_N

ClientSampleId :

TB-02-081424

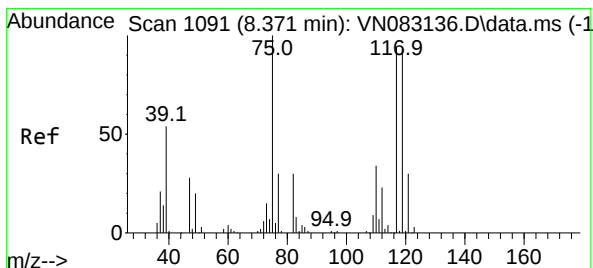
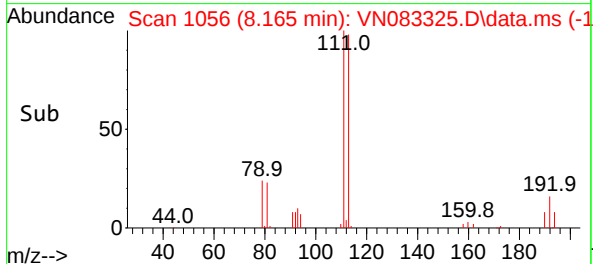
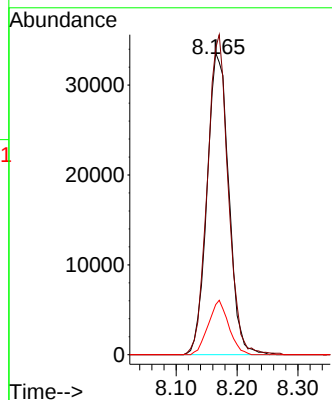
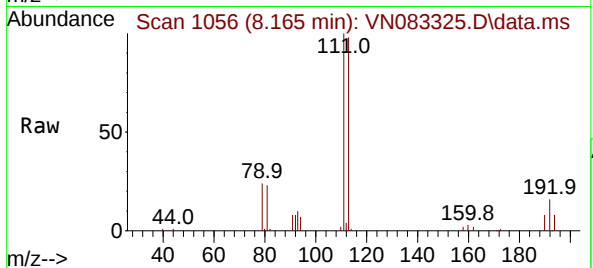
Tgt Ion:113 Resp: 83111

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 17.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.833 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

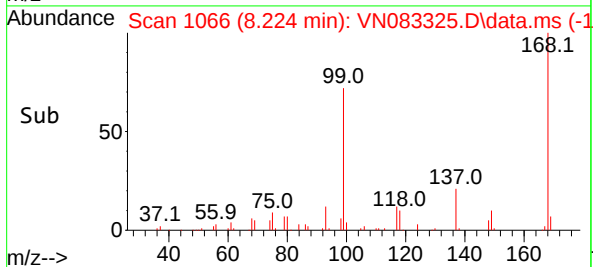
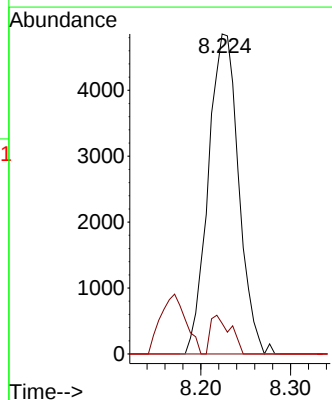
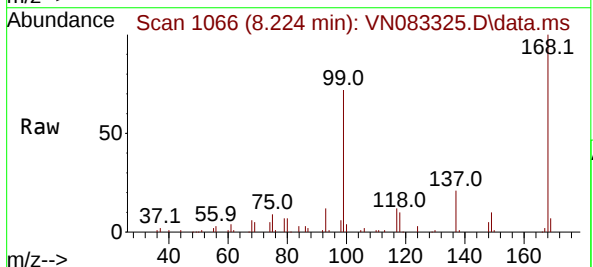
Tgt Ion: 75 Resp: 11411

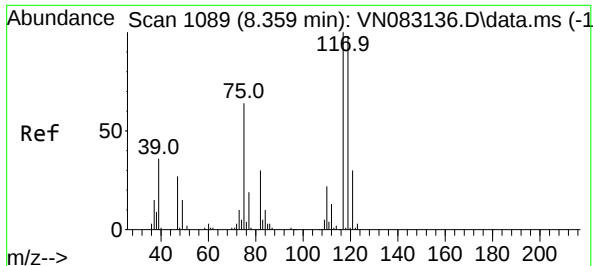
Ion Ratio Lower Upper

75 100

110 7.9 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.684 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN083325.D

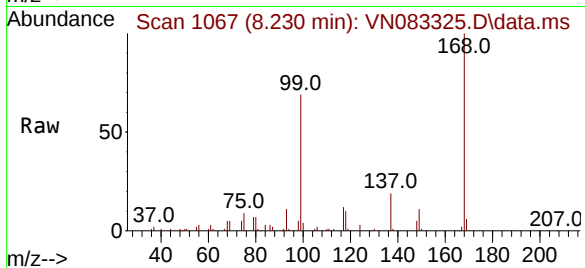
Acq: 15 Aug 2024 12:46

Instrument :

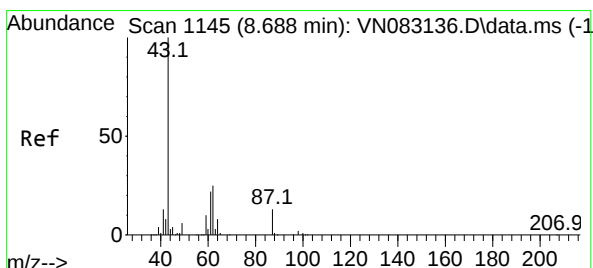
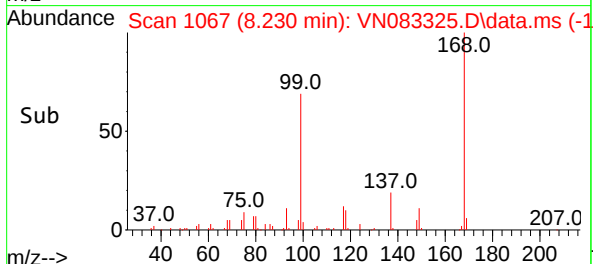
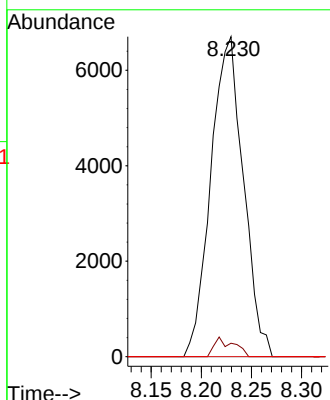
MSVOA_N

ClientSampleId :

TB-02-081424



Tgt Ion:	117	Resp:	15114
Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.9	112.3#
121	0.0	24.3	36.5#



#43

Isopropyl Acetate

Concen: Below Cal

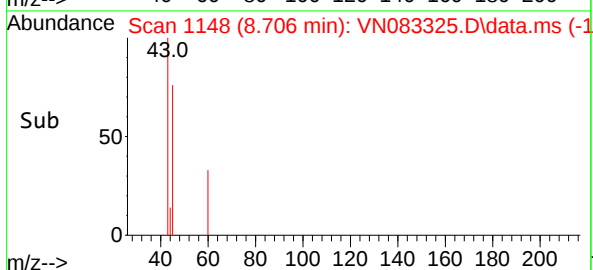
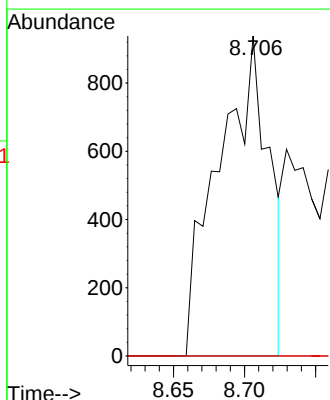
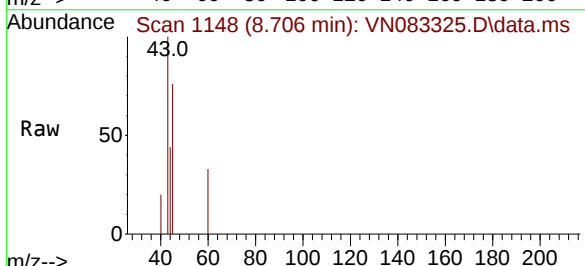
RT: 8.706 min Scan# 1148

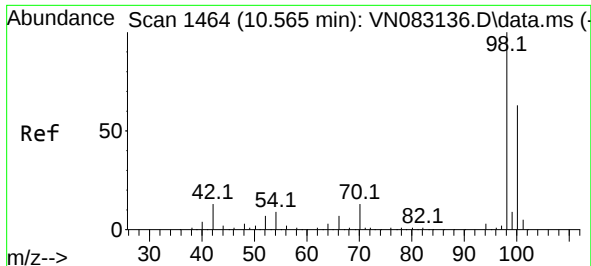
Delta R.T. 0.018 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

Tgt Ion:	43	Resp:	2306
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#





#50

Toluene-d8

Concen: 53.365 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

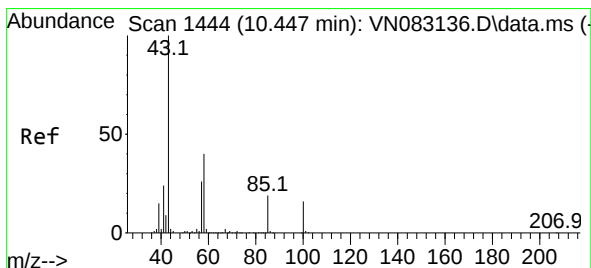
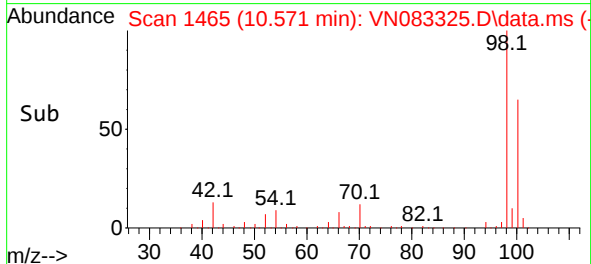
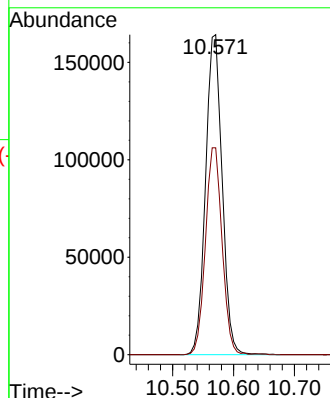
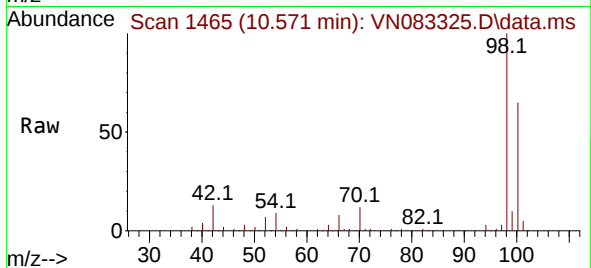
TB-02-081424

Tgt Ion: 98 Resp: 310669

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.549 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083325.D

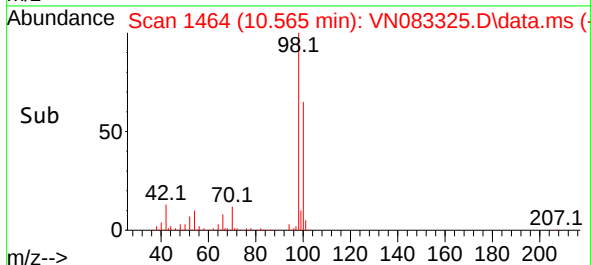
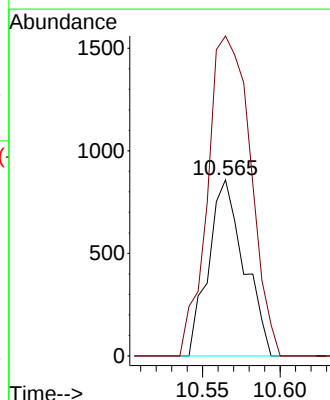
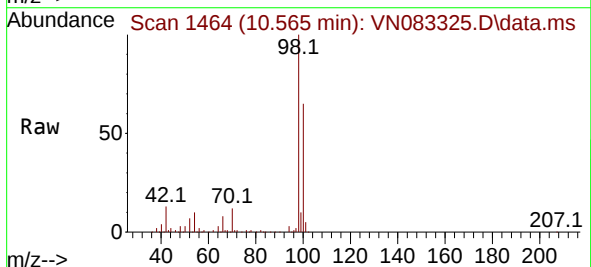
Acq: 15 Aug 2024 12:46

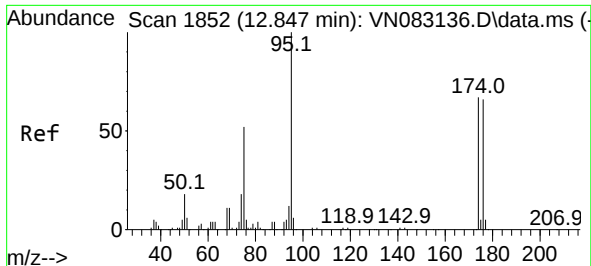
Tgt Ion: 43 Resp: 1373

Ion Ratio Lower Upper

43 100

58 218.9 28.2 42.4#

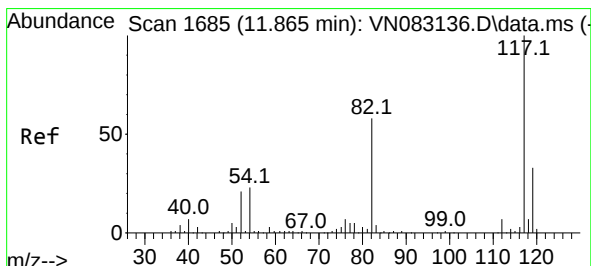
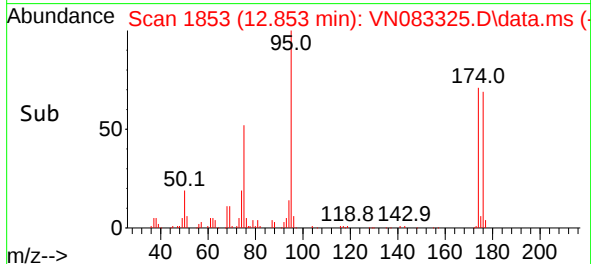
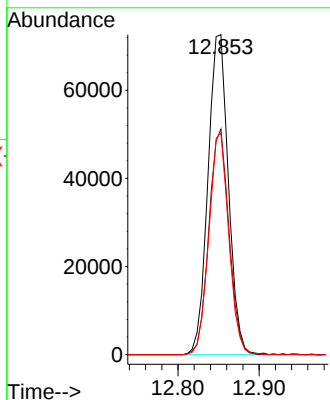
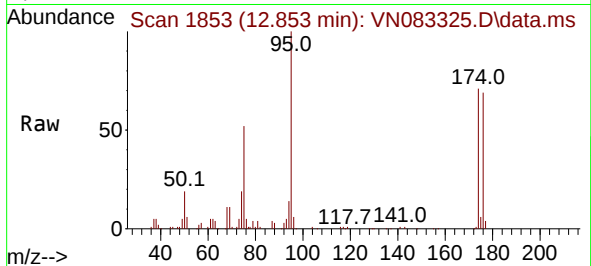




#62
4-Bromofluorobenzene
Concen: 55.986 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

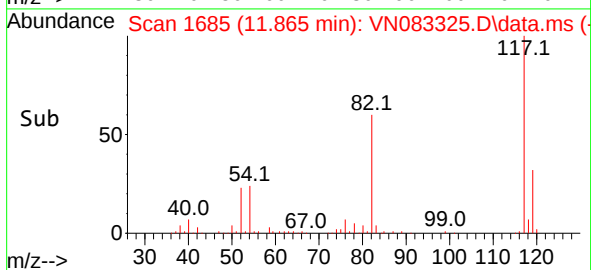
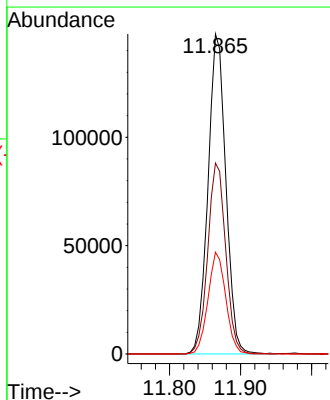
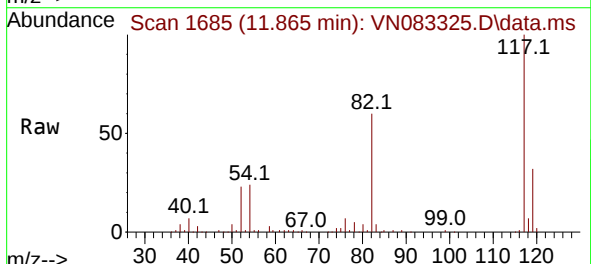
Instrument :
MSVOA_N
ClientSampleId :
TB-02-081424

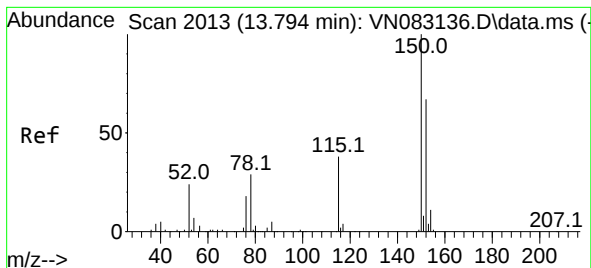
Tgt Ion: 95 Resp: 127066
Ion Ratio Lower Upper
95 100
174 69.5 0.0 159.2
176 67.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

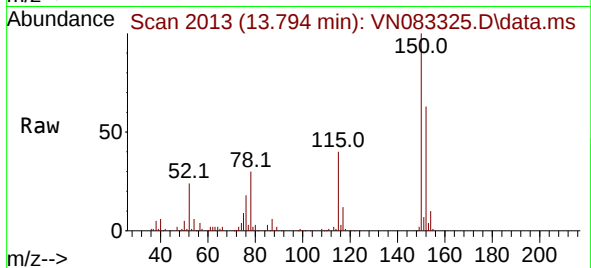
Tgt Ion: 117 Resp: 257661
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.8 25.6 38.4



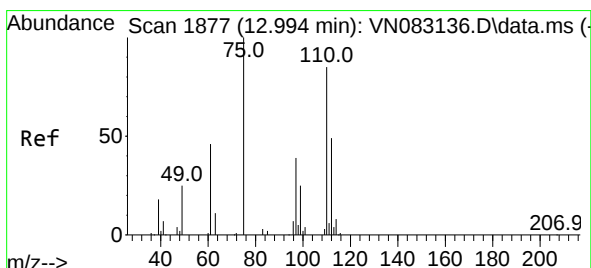
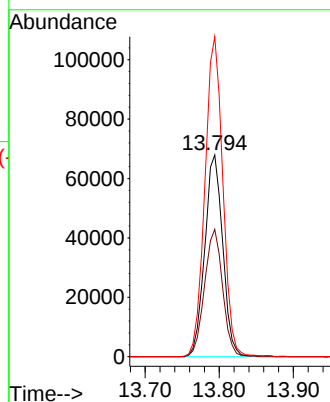
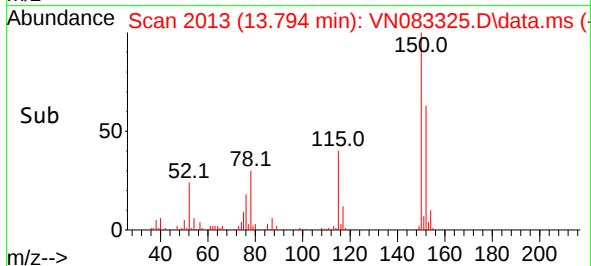


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
TB-02-081424

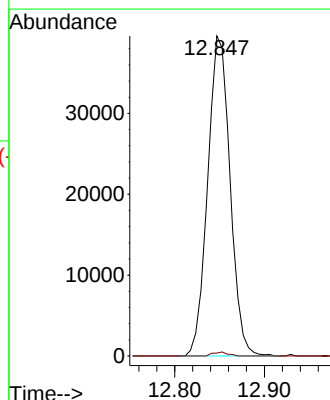
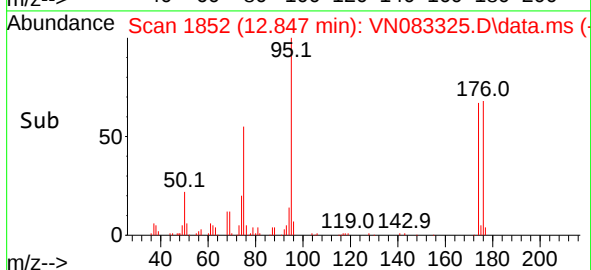
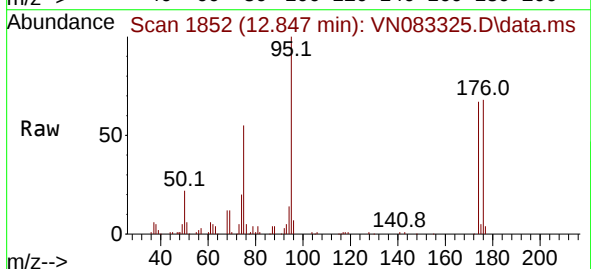


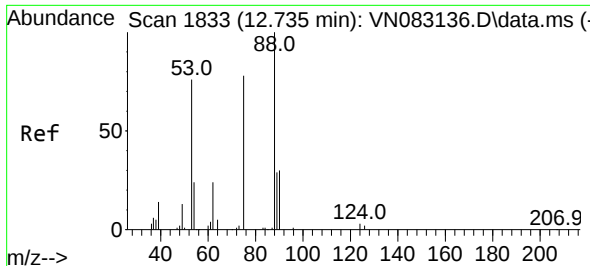
Tgt Ion:152 Resp: 114805
Ion Ratio Lower Upper
152 100
115 63.2 30.6 91.6
150 157.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.220 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

Tgt Ion: 75 Resp: 68586
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#

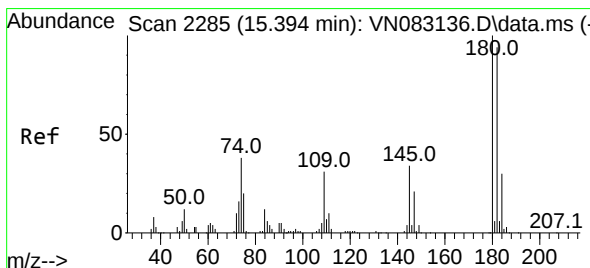
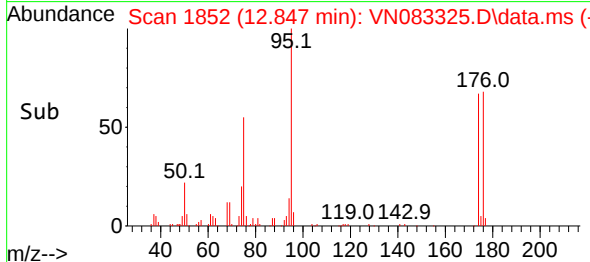
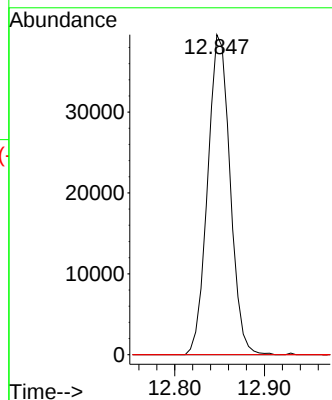
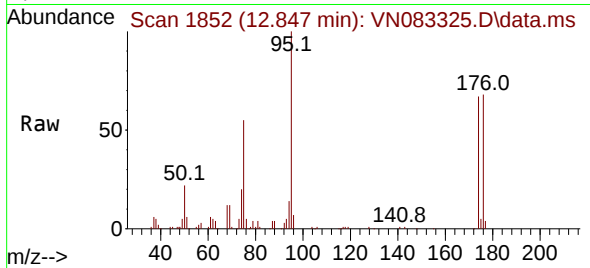




#81
trans-1,4-Dichloro-2-butene
Concen: 59.210 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

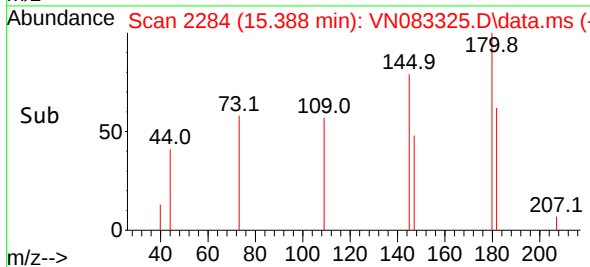
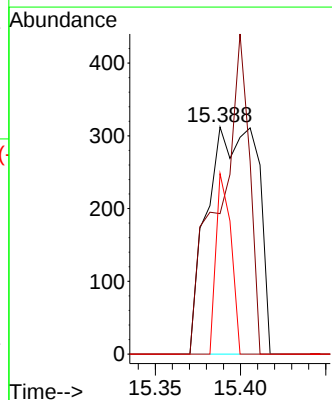
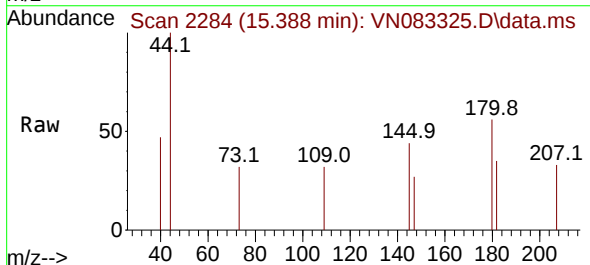
Instrument :
MSVOA_N
ClientSampleId :
TB-02-081424

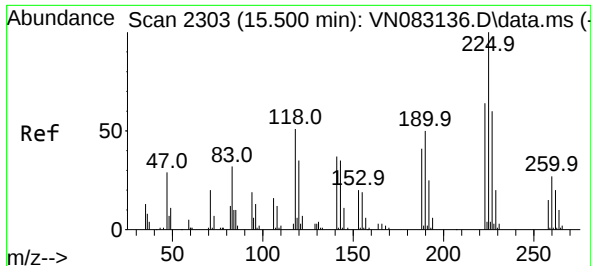
Tgt Ion: 75 Resp: 68586
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.296 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

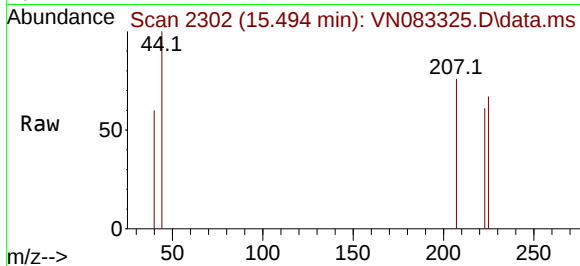
Tgt Ion:180 Resp: 645
Ion Ratio Lower Upper
180 100
182 82.9 47.3 141.8
145 23.6 15.7 47.1



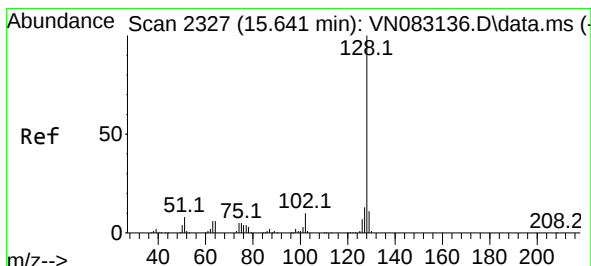
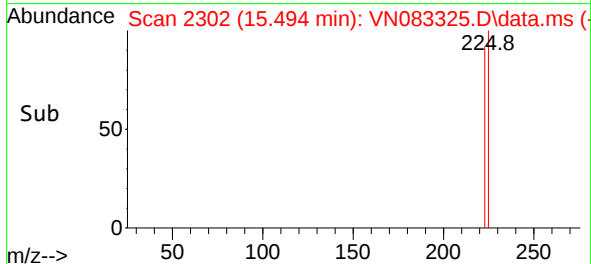
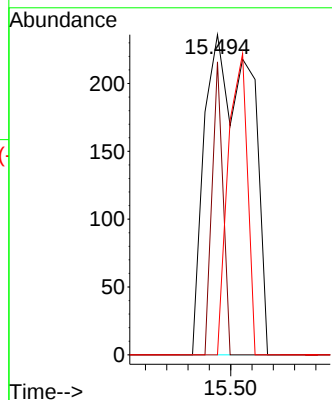


#94
Hexachlorobutadiene
Concen: 0.367 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
TB-02-081424

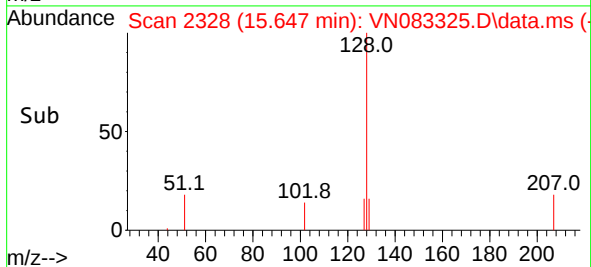
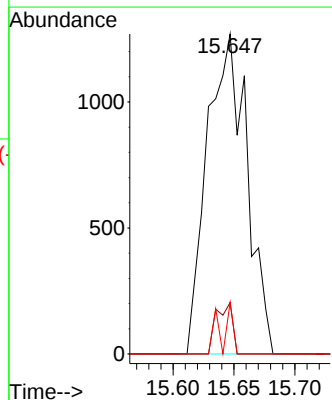
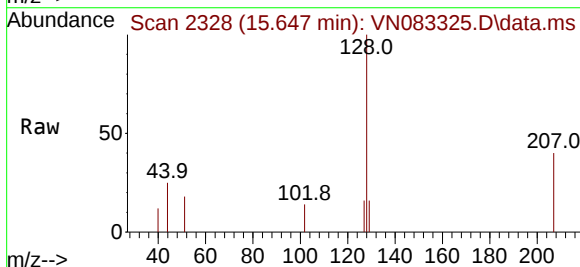


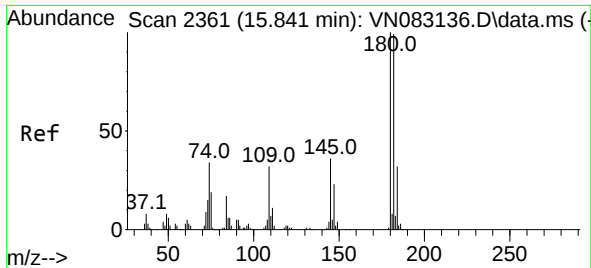
Tgt Ion:225 Resp: 355
Ion Ratio Lower Upper
225 100
223 21.4 31.9 95.7#
227 39.2 32.5 97.5



#95
Naphthalene
Concen: 0.374 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

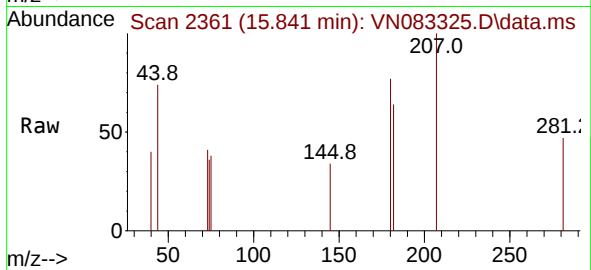
Tgt Ion:128 Resp: 2882
Ion Ratio Lower Upper
128 100
127 6.6 10.6 16.0#
129 2.2 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083325.D
 Acq: 15 Aug 2024 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-081424



Tgt Ion:	180	Resp:	638
Ion	Ratio	Lower	Upper
180	100		
182	104.2	48.9	146.8
145	9.1	16.8	50.4

