

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083322.D
 Acq On : 15 Aug 2024 11:24
 Operator : JC\MD
 Sample : VN0815WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 16 01:47:28 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	8.224	168	136567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109209	56.181	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.360%
35) Dibromofluoromethane	8.171	113	86960	52.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	10.565	98	324507	52.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.853	95	133381	54.986	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.980%

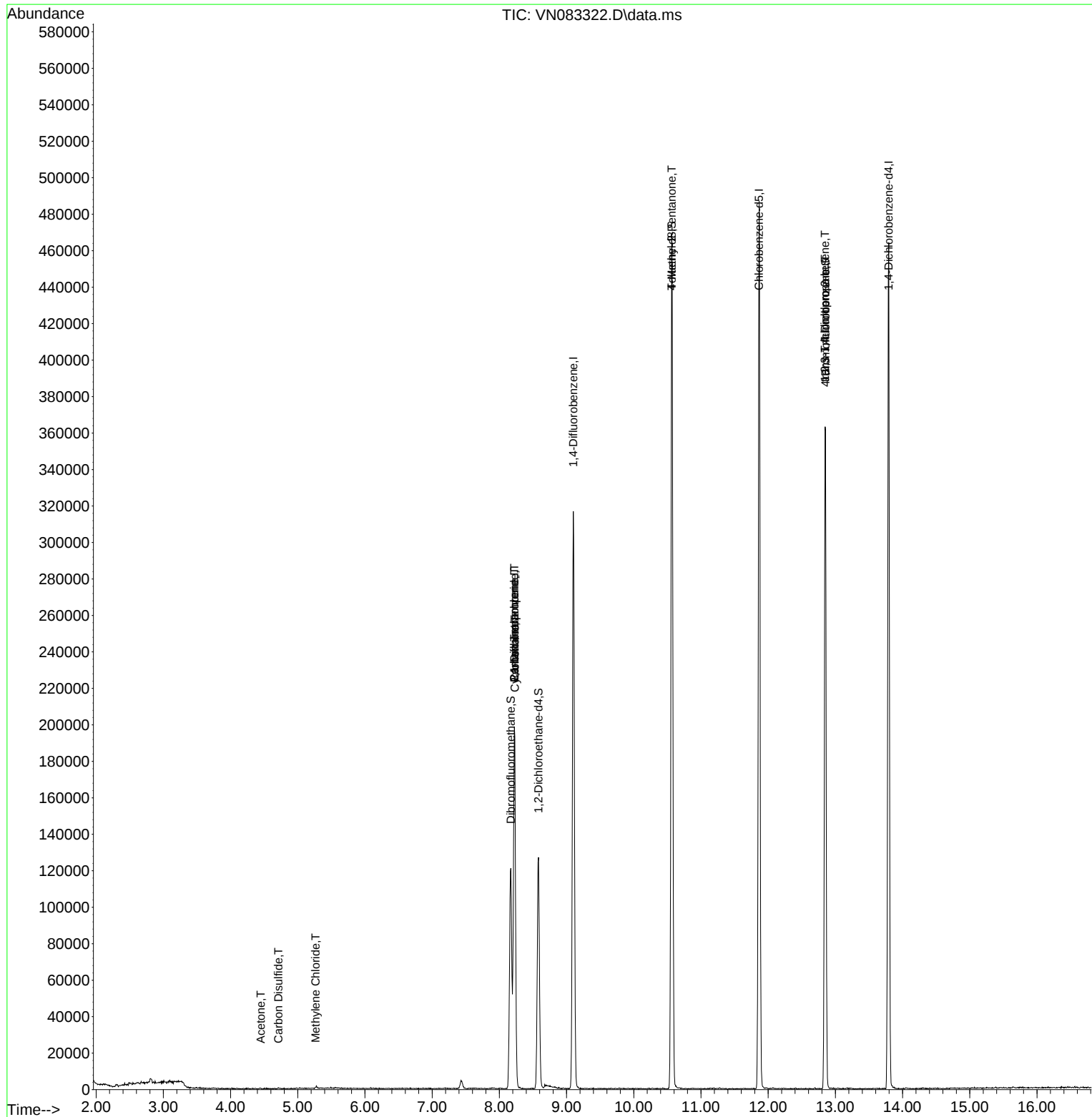
Target Compounds					Qvalue	
16) Acetone	4.448	43	473	0.622	ug/l #	48
17) Carbon Disulfide	4.712	76	989	0.223	ug/l #	75
20) Methylene Chloride	5.265	84	671	0.383	ug/l #	23
31) Cyclohexane	8.230	56	3505	1.217	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	12342	4.891	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15401	5.419	ug/l #	17
43) Isopropyl Acetate	8.688	43	1446	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1394	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	73808	27.747	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73808	60.357	ug/l #	6

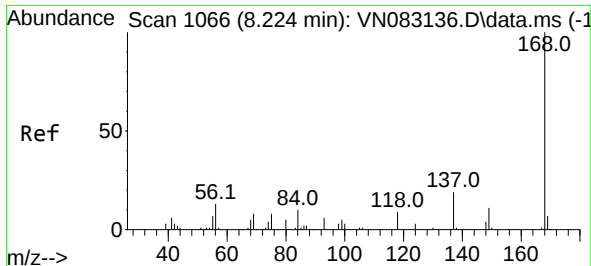
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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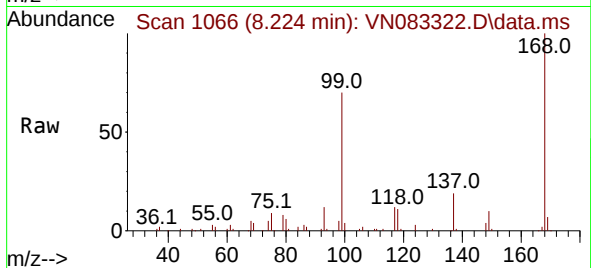
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



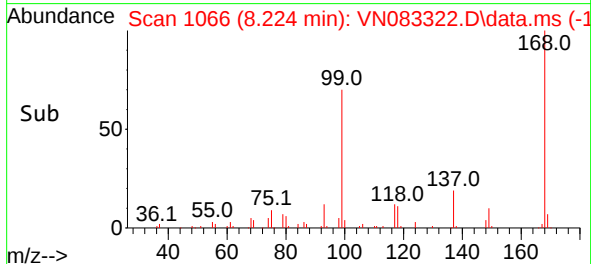
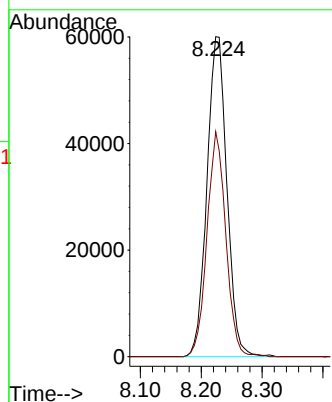


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :

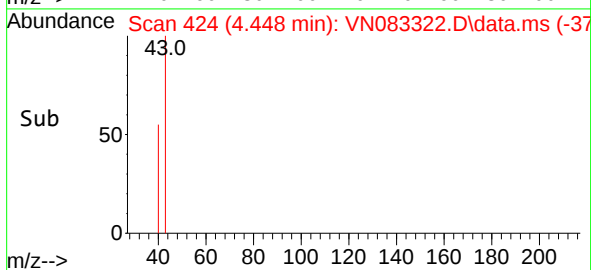
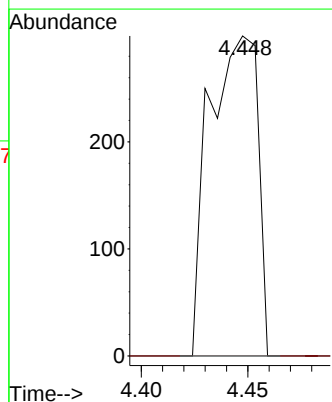
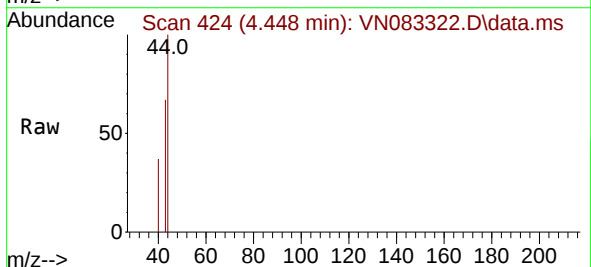


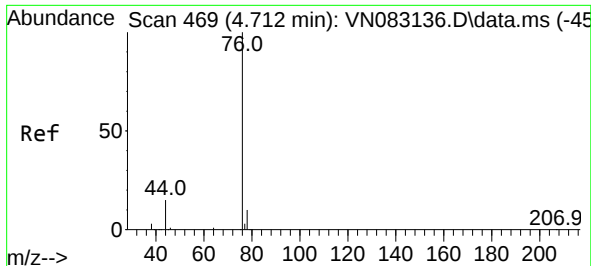
Tgt Ion:168 Resp: 136567
Ion Ratio Lower Upper
168 100
99 70.3 48.2 72.4



#16
Acetone
Concen: 0.622 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

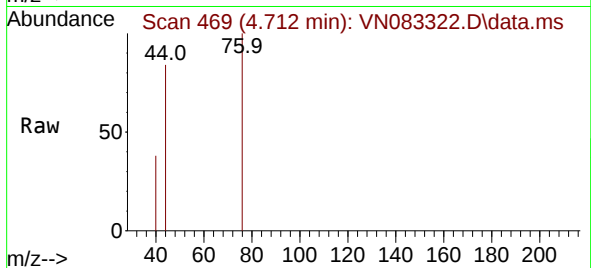
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



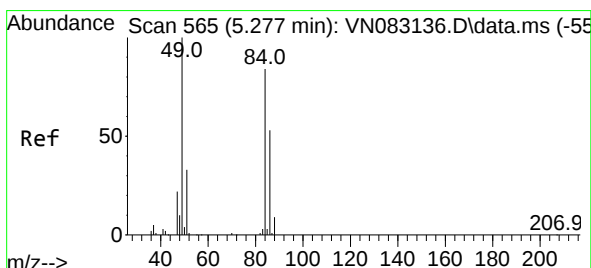
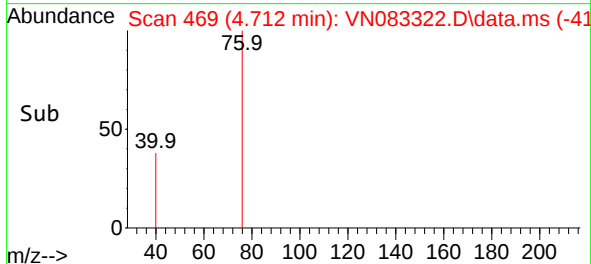
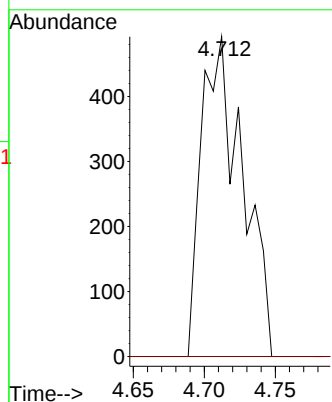


#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :

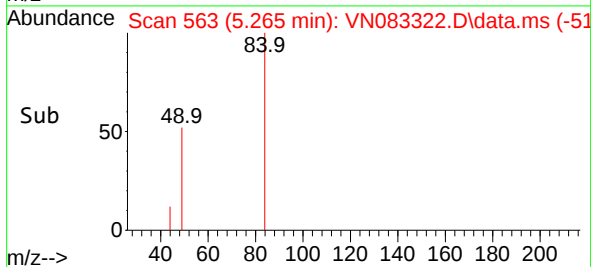
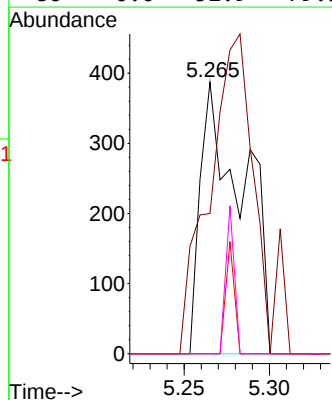
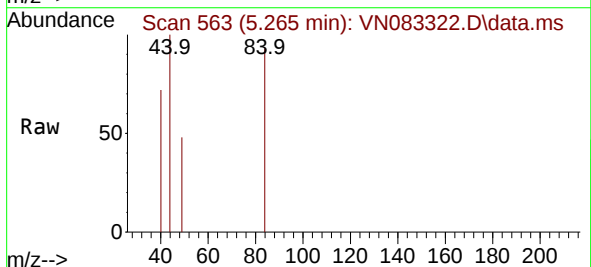


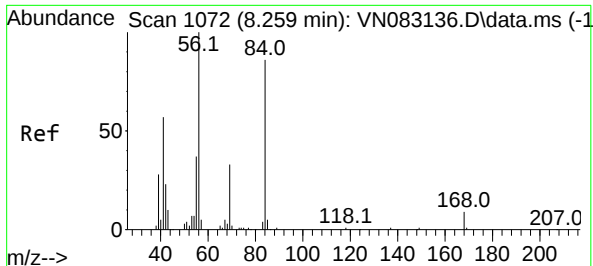
Tgt Ion: 76 Resp: 989
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.383 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

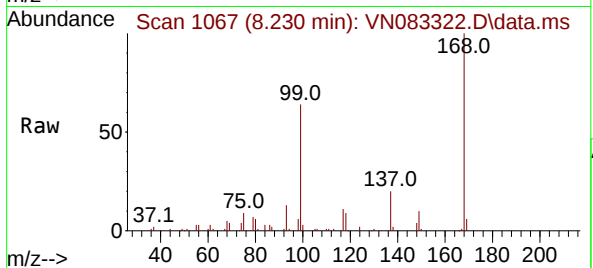
Tgt Ion: 84 Resp: 671
Ion Ratio Lower Upper
84 100
49 51.7 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



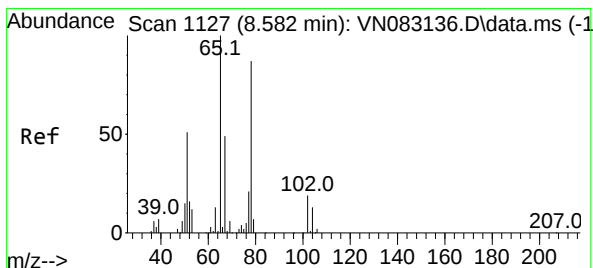
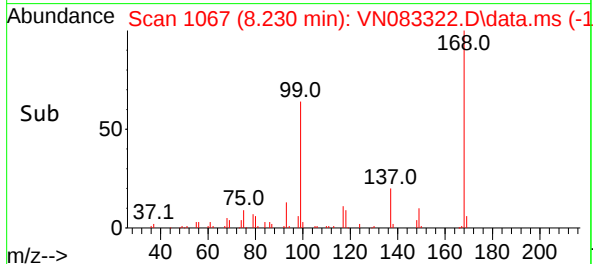
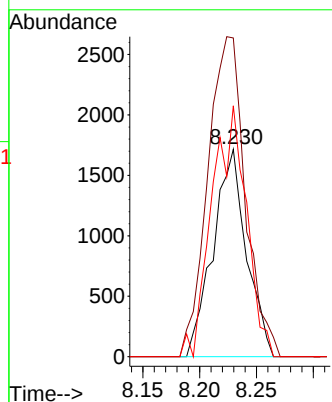


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :

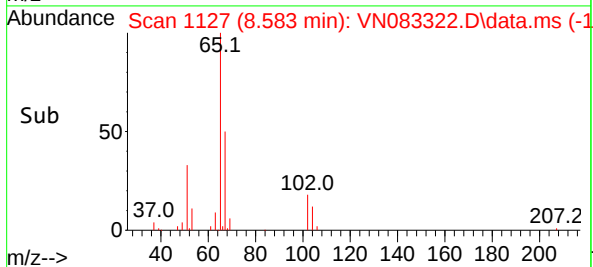
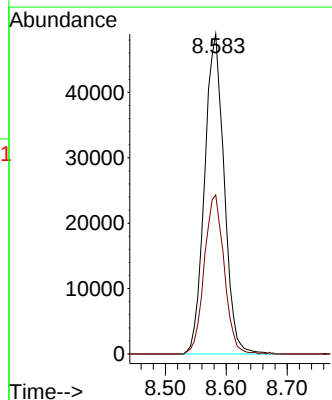
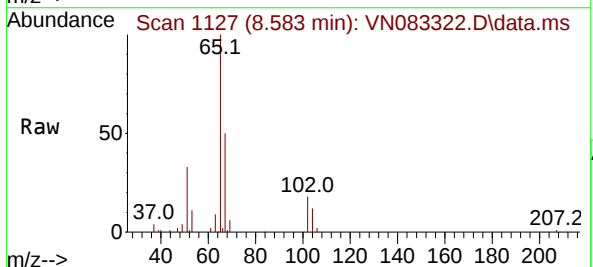


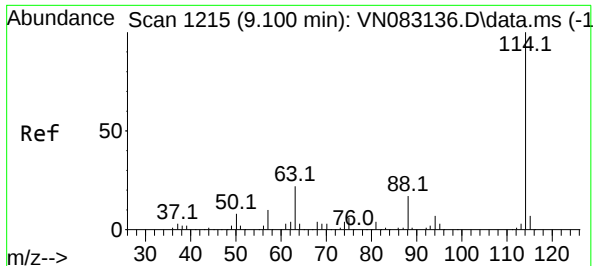
Tgt Ion: 56 Resp: 3505
Ion Ratio Lower Upper
56 100
69 153.6 24.5 36.7#
84 120.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.181 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

Tgt Ion: 65 Resp: 109209
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

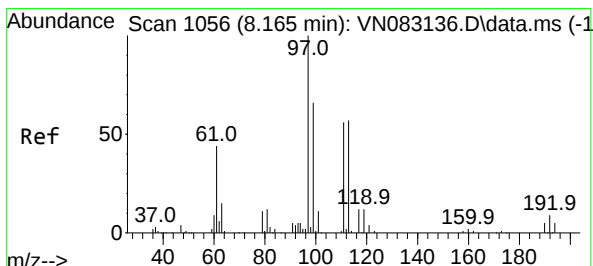
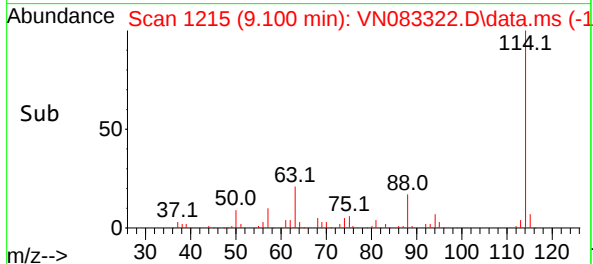
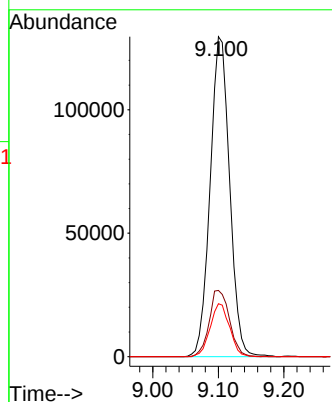
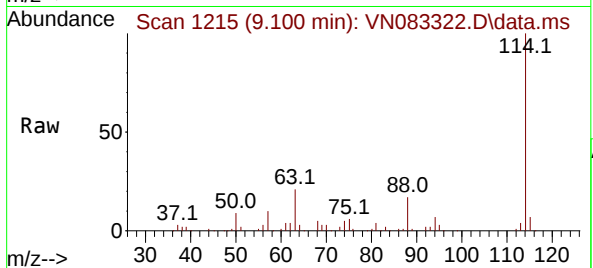




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

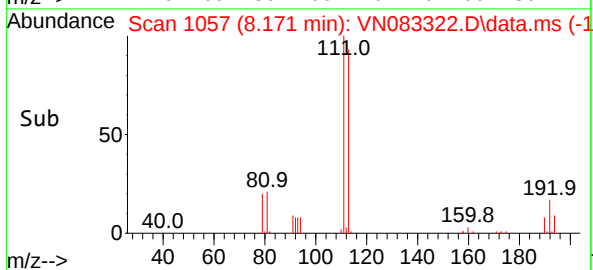
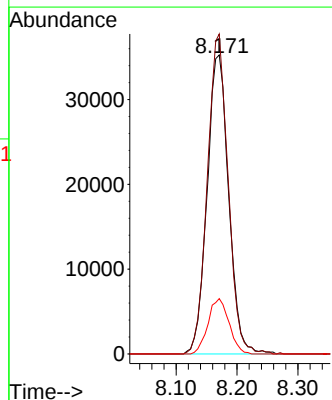
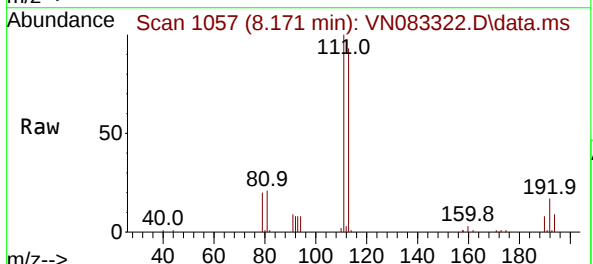
Instrument :
MSVOA_N
ClientSampleId :

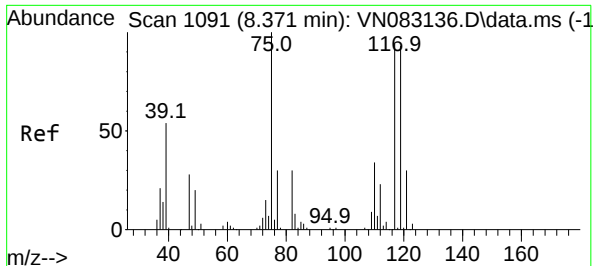
Tgt Ion:114 Resp: 267232
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.6
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.134 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

Tgt Ion:113 Resp: 86960
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.891 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083322.D

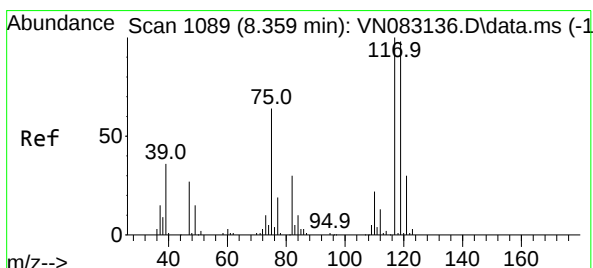
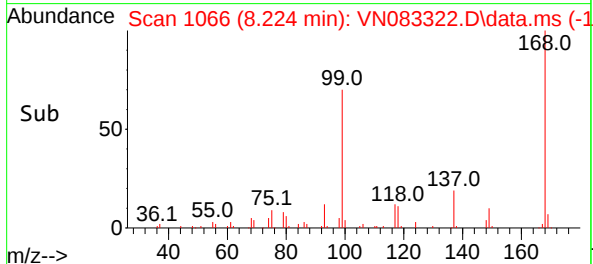
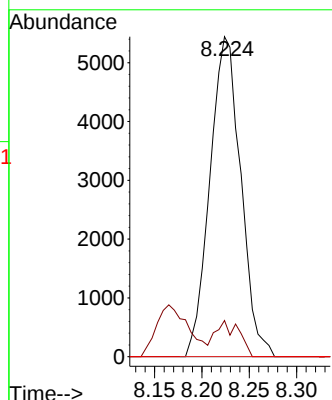
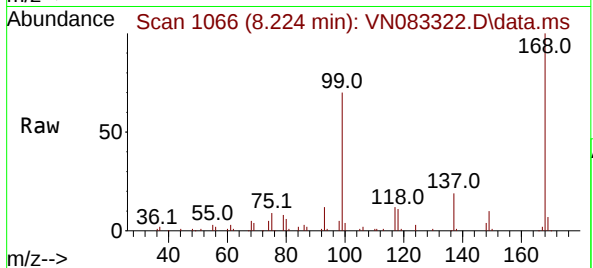
Acq: 15 Aug 2024 11:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	12342
Ion Ratio	Lower	Upper	
75	100		
110	8.6	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.419 ug/l

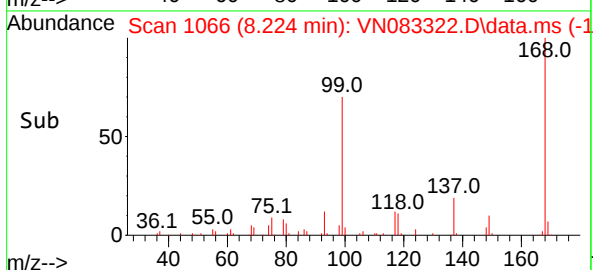
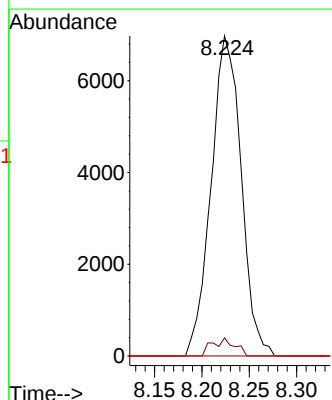
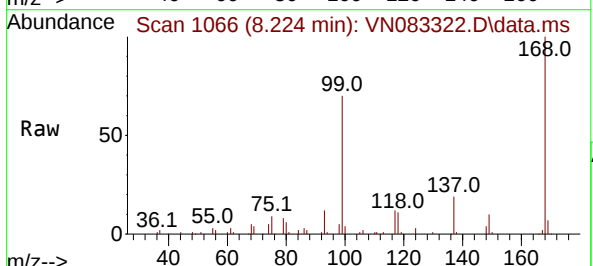
RT: 8.224 min Scan# 1066

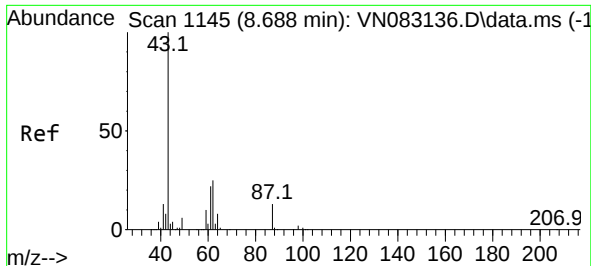
Delta R.T. -0.135 min

Lab File: VN083322.D

Acq: 15 Aug 2024 11:24

Tgt Ion:	117	Resp:	15401
Ion Ratio	Lower	Upper	
117	100		
119	5.7	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

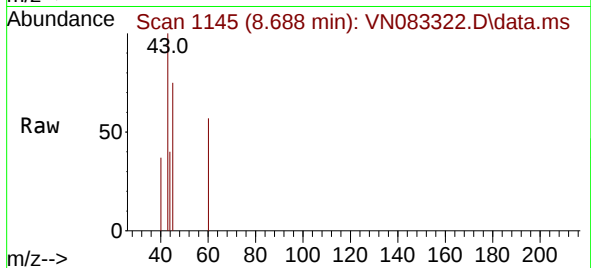
Lab File: VN083322.D

Acq: 15 Aug 2024 11:24

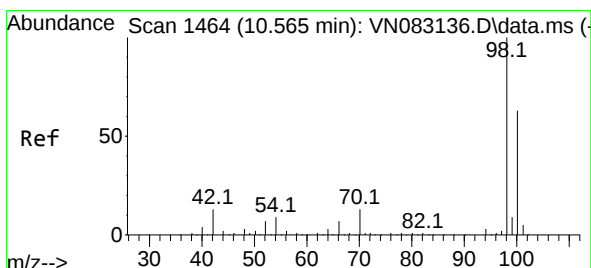
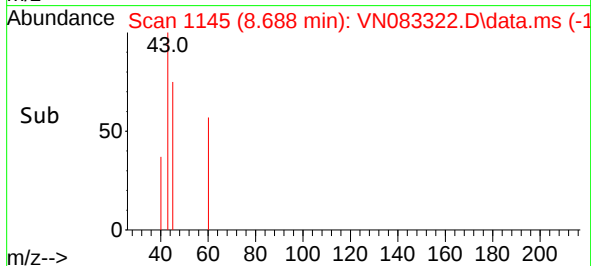
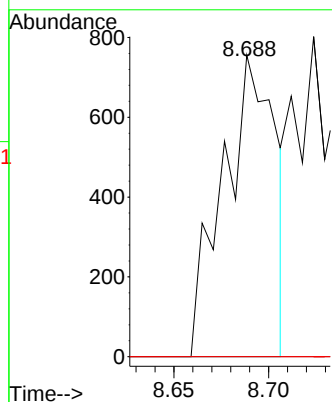
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1446
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#50

Toluene-d8

Concen: 52.154 ug/l

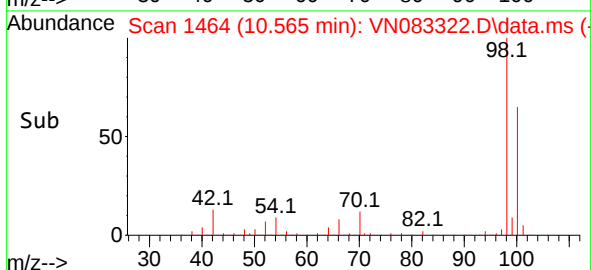
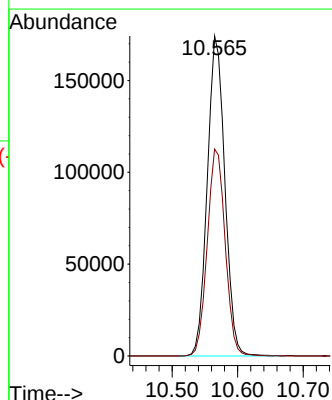
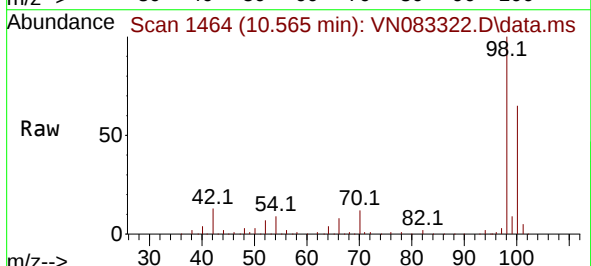
RT: 10.565 min Scan# 1464

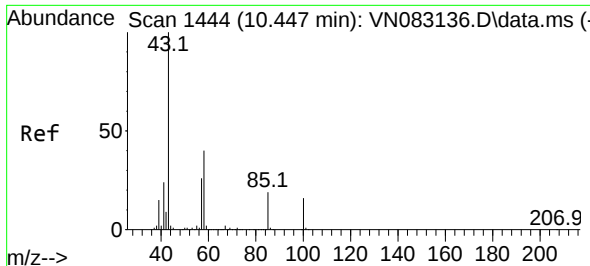
Delta R.T. -0.000 min

Lab File: VN083322.D

Acq: 15 Aug 2024 11:24

Tgt Ion:	98	Resp:	324507
Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.5	77.3

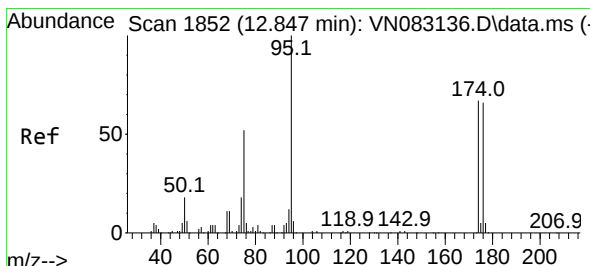
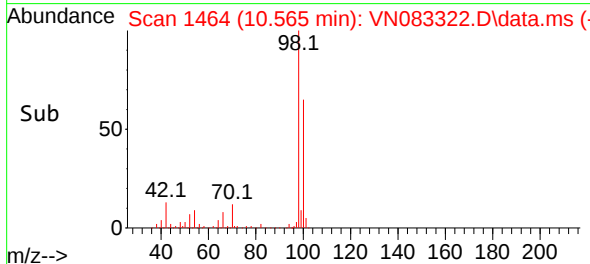
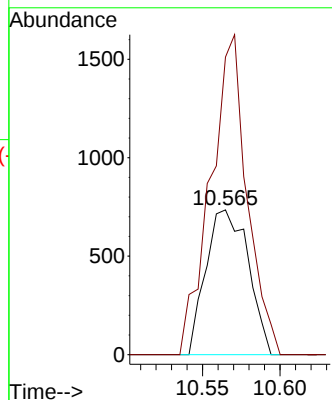
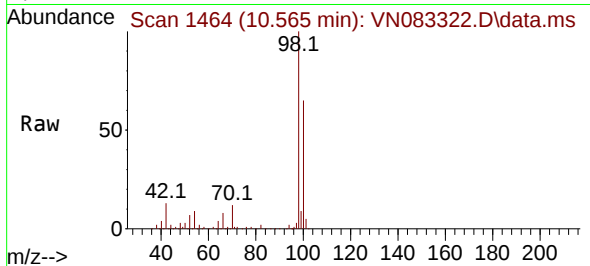




#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

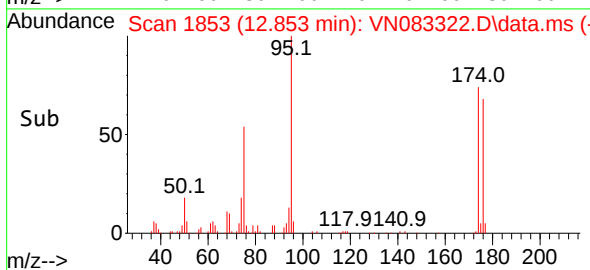
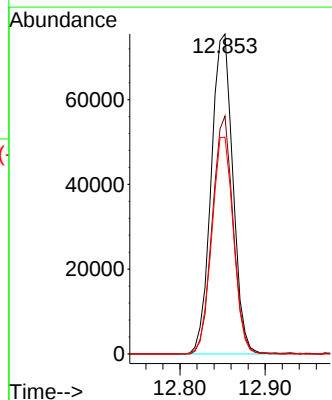
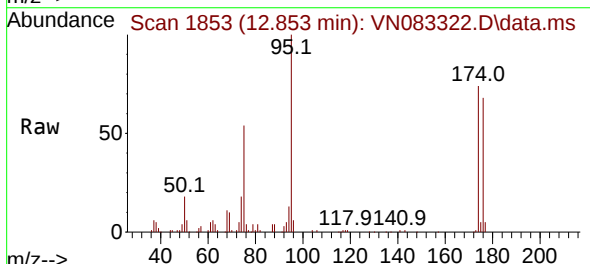
Instrument :
MSVOA_N
ClientSampleId :

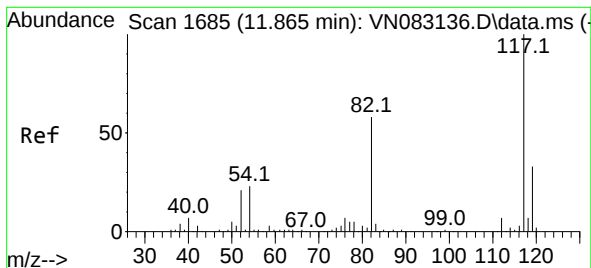
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 191.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 54.986 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

Tgt Ion: 95 Resp: 133381
Ion Ratio Lower Upper
95 100
174 71.4 0.0 159.2
176 67.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083322.D

Acq: 15 Aug 2024 11:24

Instrument :

MSVOA_N

ClientSampleId :

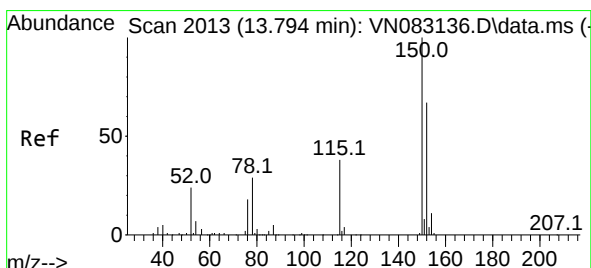
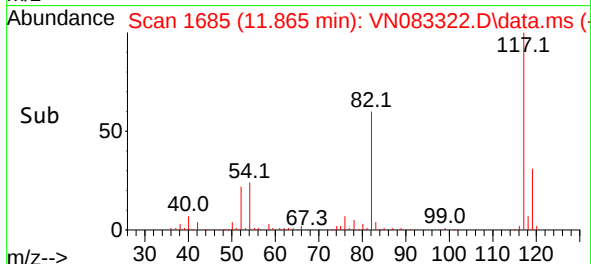
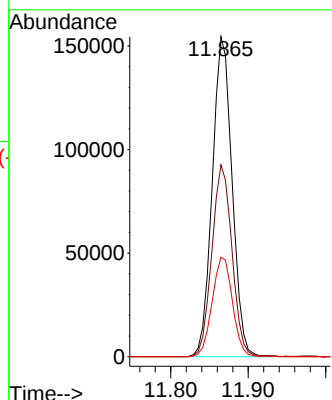
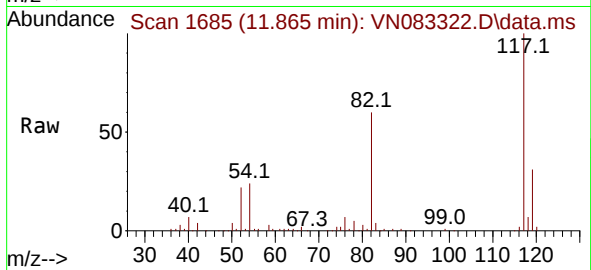
Tgt Ion:117 Resp: 274150

Ion Ratio Lower Upper

117 100

82 60.0 47.5 71.3

119 31.1 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: VN083322.D

Acq: 15 Aug 2024 11:24

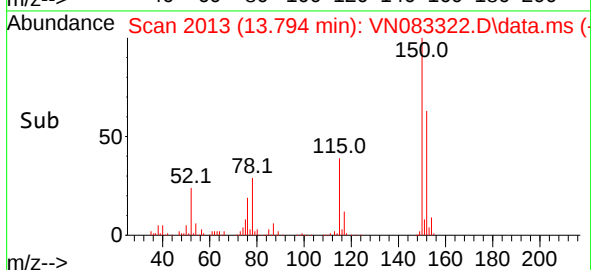
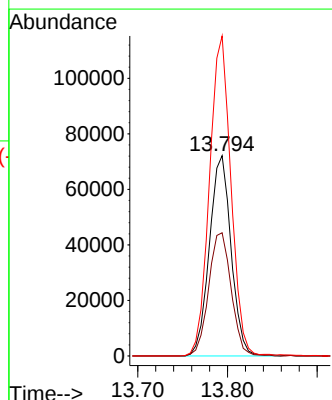
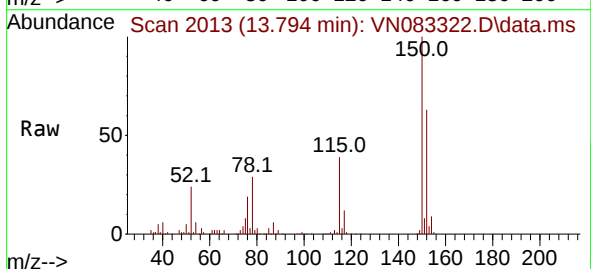
Tgt Ion:152 Resp: 121199

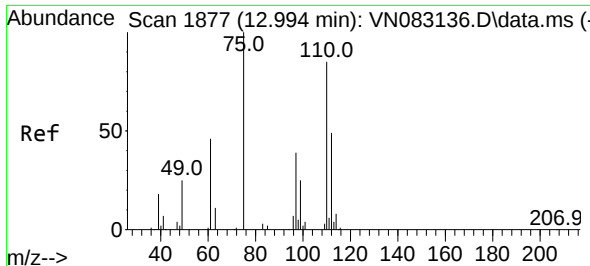
Ion Ratio Lower Upper

152 100

115 63.7 30.6 91.6

150 158.2 0.0 348.6

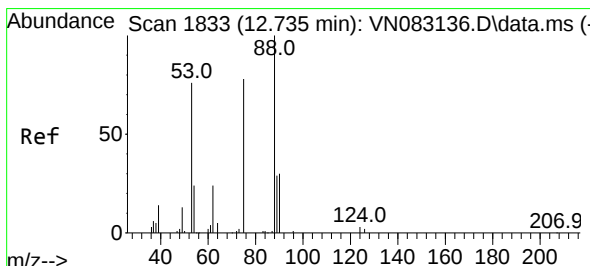
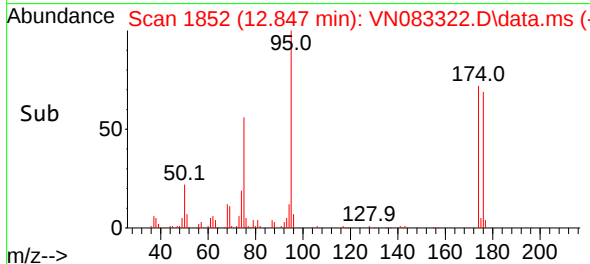
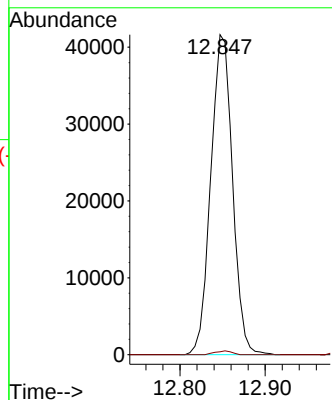
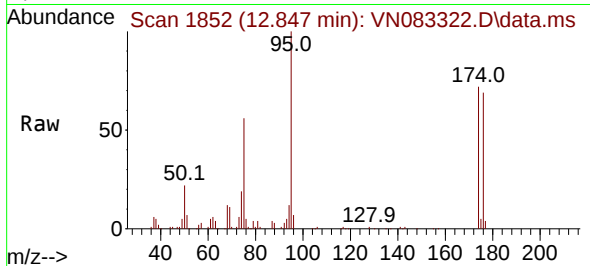




#76
1,2,3-Trichloropropane
Concen: 27.747 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 73808
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.357 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083322.D
Acq: 15 Aug 2024 11:24

Tgt Ion: 75 Resp: 73808
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

