

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083329.D
 Acq On : 15 Aug 2024 14:23
 Operator : JC\MD
 Sample : P3619-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 917-J-WS-081424

Quant Time: Aug 16 01:51:19 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	120522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	240679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104914	61.157	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.320%
35) Dibromofluoromethane	8.171	113	81821	54.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.940%
50) Toluene-d8	10.565	98	304994	54.426	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.847	95	127478	58.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.700%

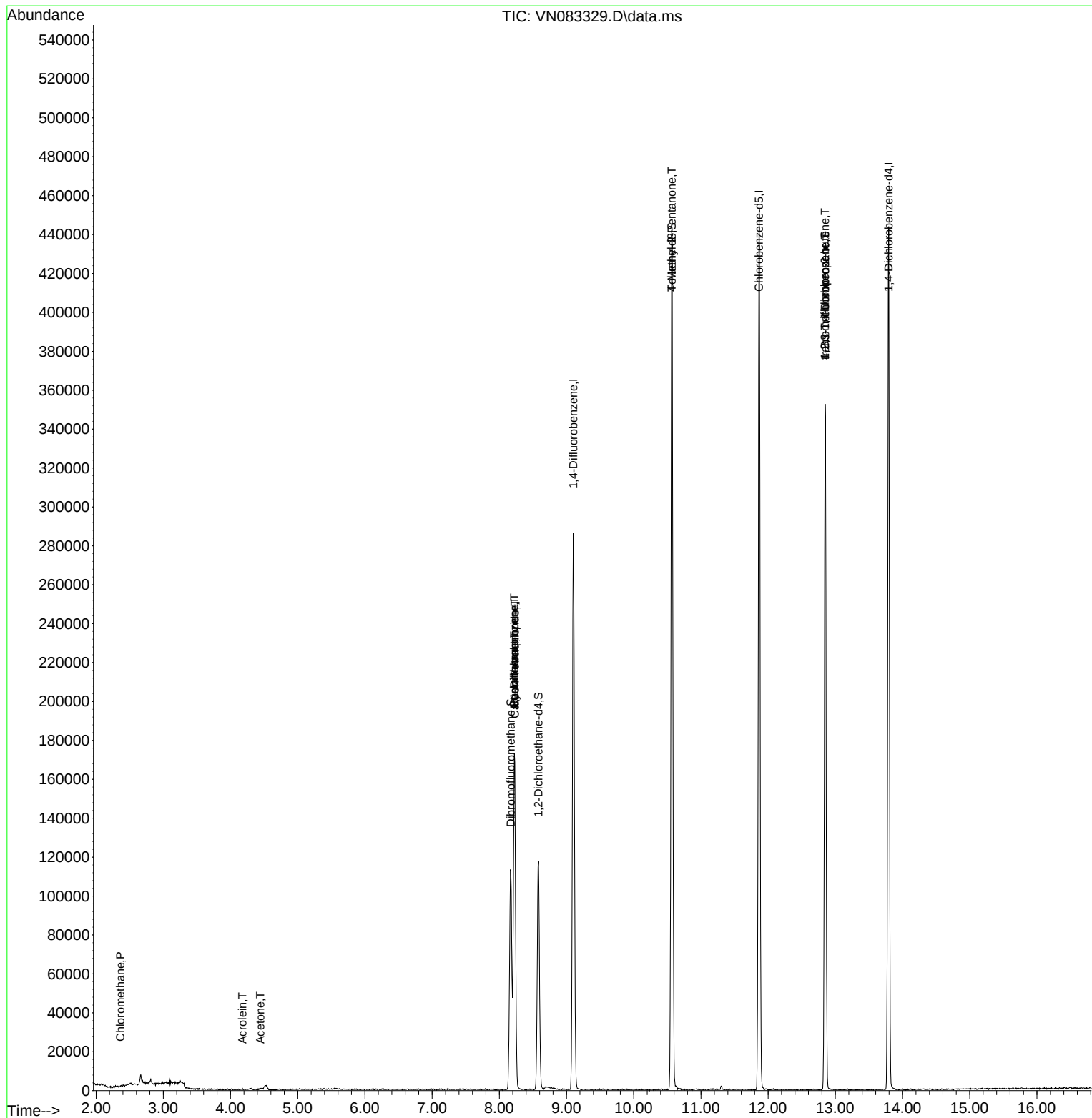
Target Compounds					Qvalue	
3) Chloromethane	2.360	50	322	0.230	ug/l #	43
13) Acrolein	4.177	56	229	0.986	ug/l #	14
16) Acetone	4.442	43	1642	2.446	ug/l #	48
31) Cyclohexane	8.224	56	2923	1.150	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11272	4.960	ug/l #	51
38) Carbon Tetrachloride	8.230	117	13362	5.220	ug/l #	17
43) Isopropyl Acetate	8.712	43	1600	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1468	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71881	28.249	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71881	61.448	ug/l #	6

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

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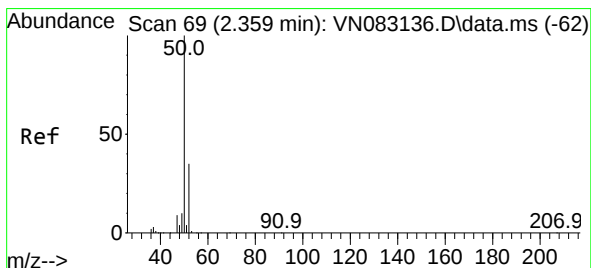
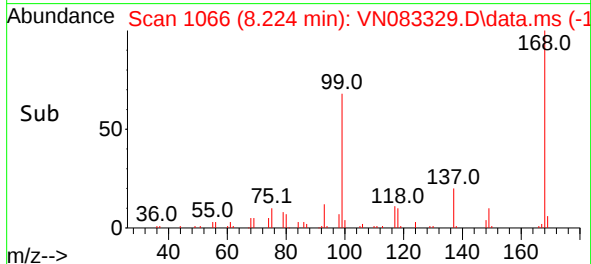
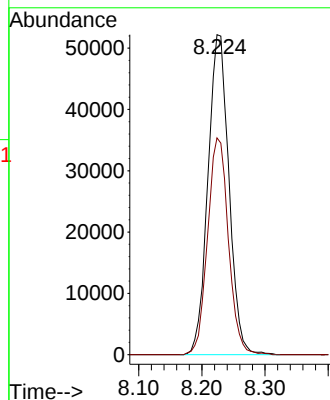
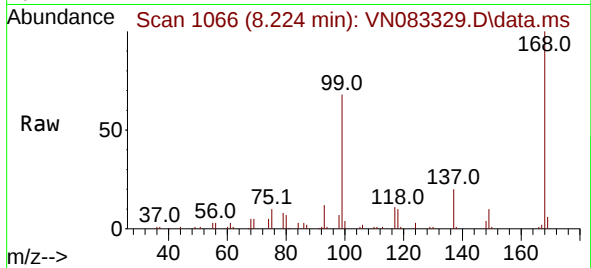




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

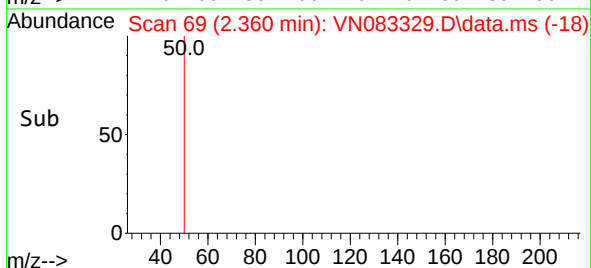
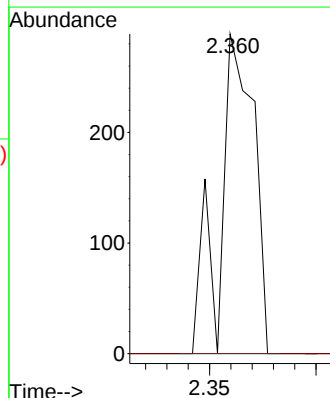
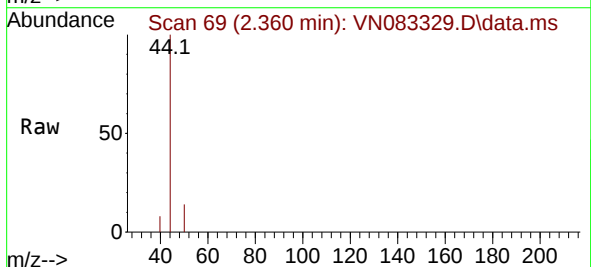
Instrument :
MSVOA_N
ClientSampleId :
917-J-WS-081424

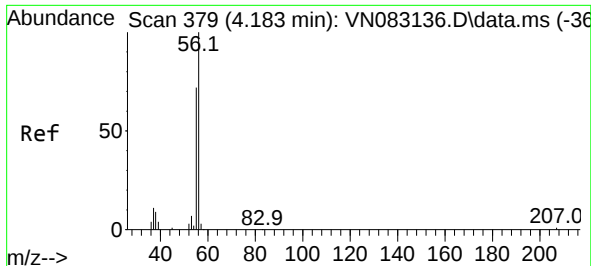
Tgt Ion:168 Resp: 120522
Ion Ratio Lower Upper
168 100
99 67.8 48.2 72.4



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

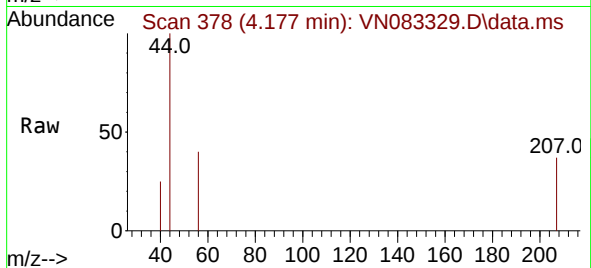
Tgt Ion: 50 Resp: 322
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



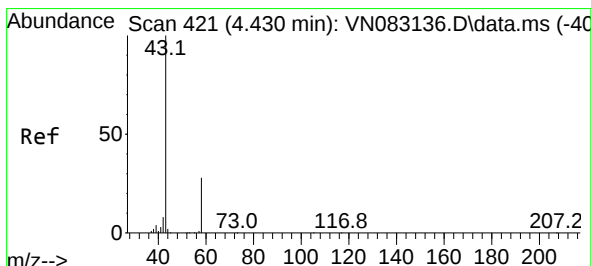
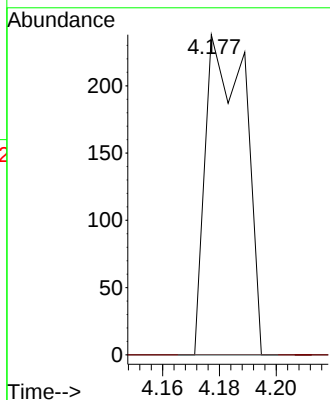
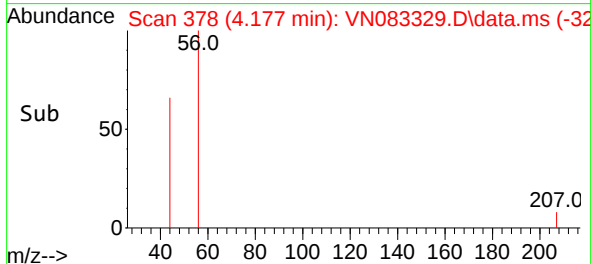


#13
Acrolein
Concen: 0.986 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
917-J-WS-081424

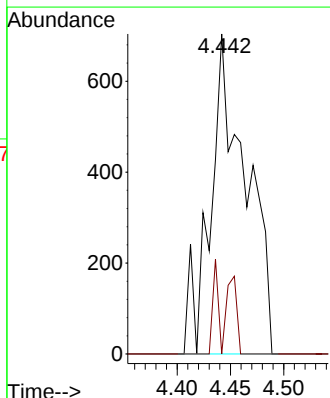
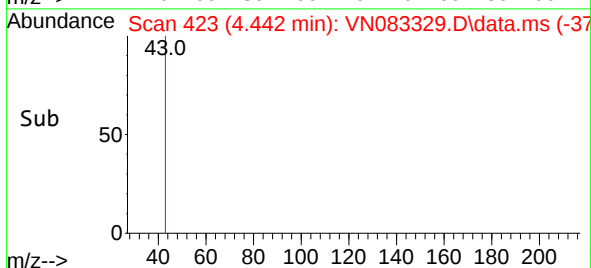
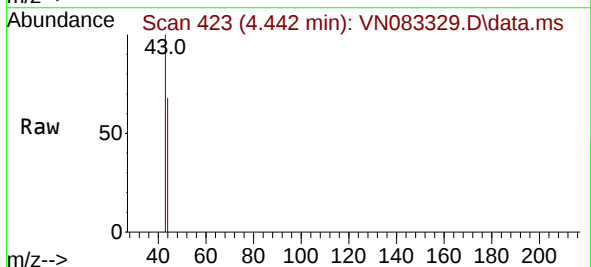


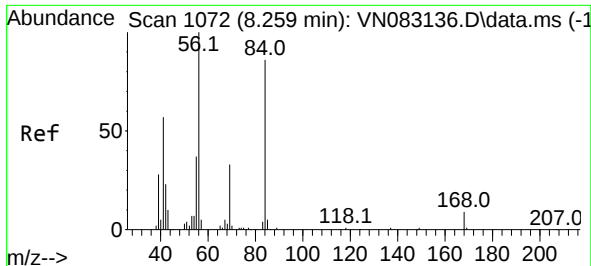
Tgt Ion: 56 Resp: 229
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.446 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

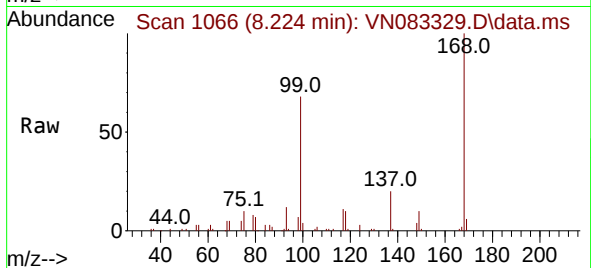
Tgt Ion: 43 Resp: 1642
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



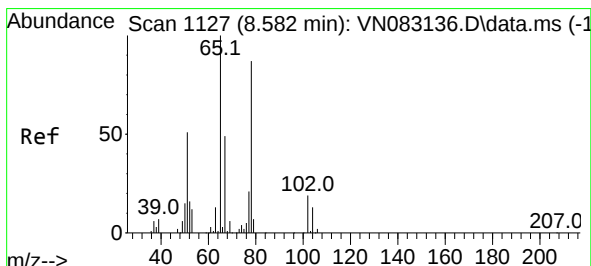
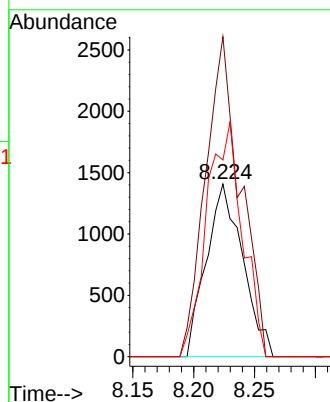
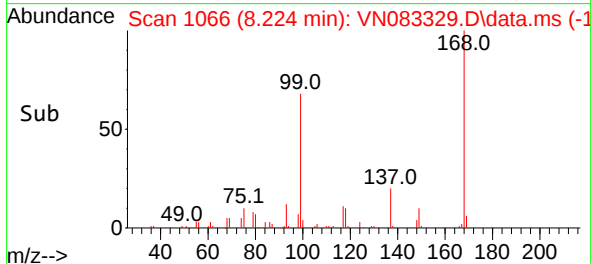


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
917-J-WS-081424

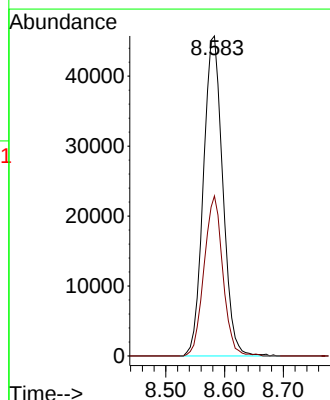
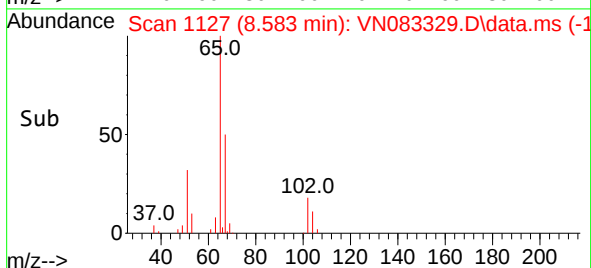
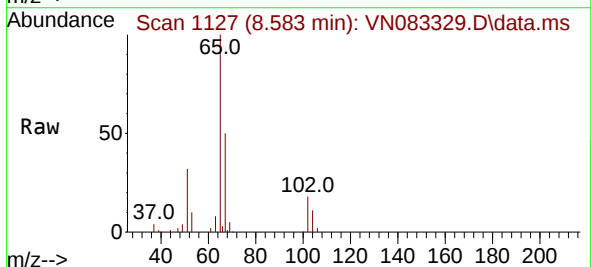


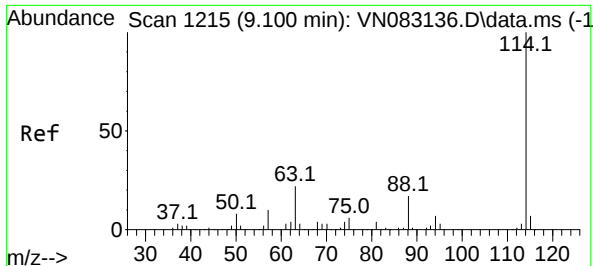
Tgt Ion	Ratio	Lower	Upper
56	100		
69	185.4	24.5	36.7#
84	113.9	66.0	99.0#



#33
1,2-Dichloroethane-d4
Concen: 61.157 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.5	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: VN083329.D

Acq: 15 Aug 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

917-J-WS-081424

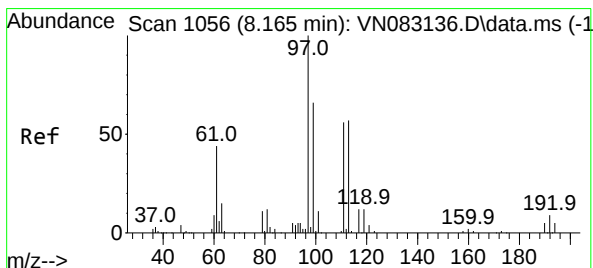
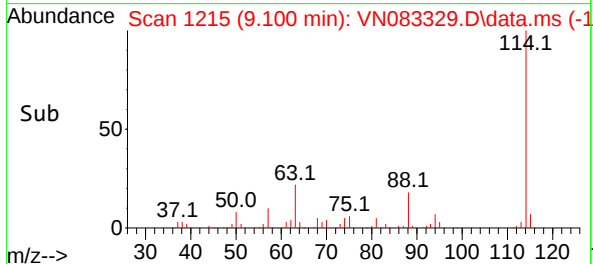
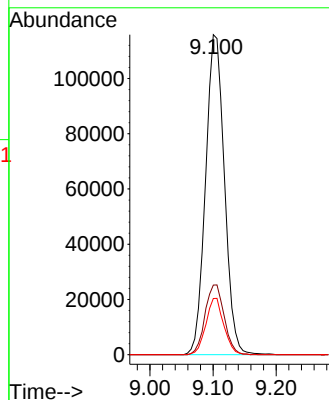
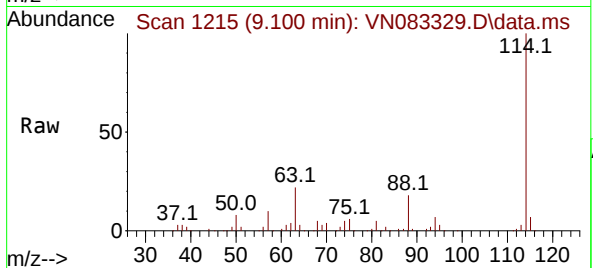
Tgt Ion:114 Resp: 240679

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 17.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.465 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083329.D

Acq: 15 Aug 2024 14:23

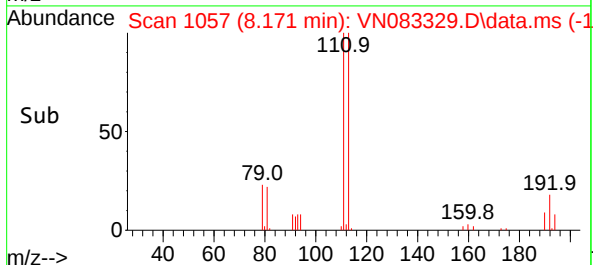
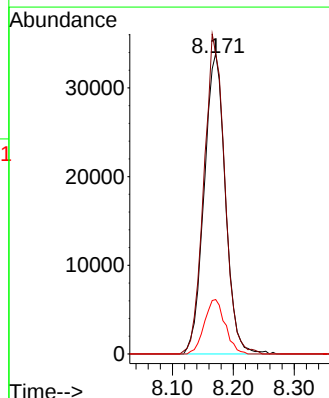
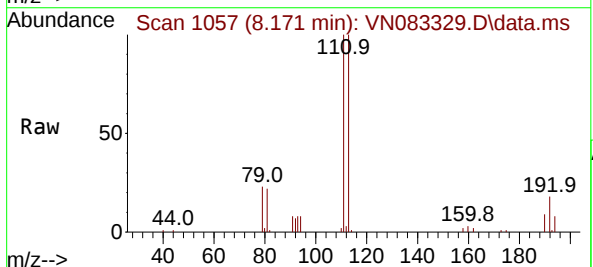
Tgt Ion:113 Resp: 81821

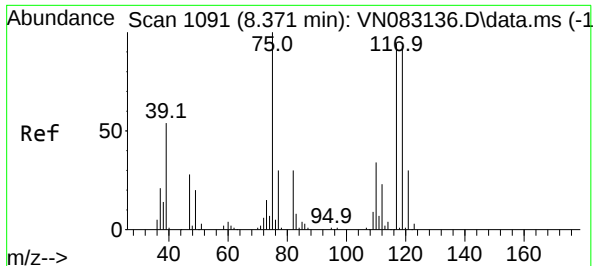
Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 17.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.960 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083329.D

Acq: 15 Aug 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

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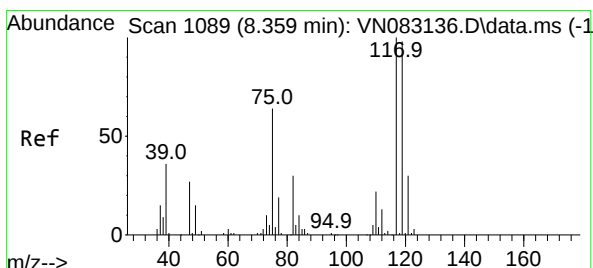
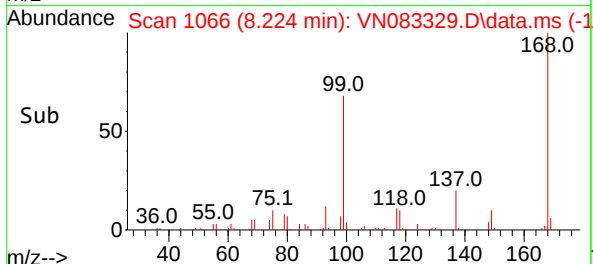
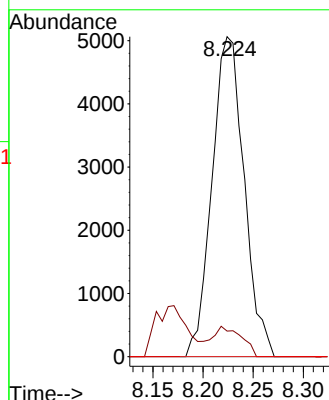
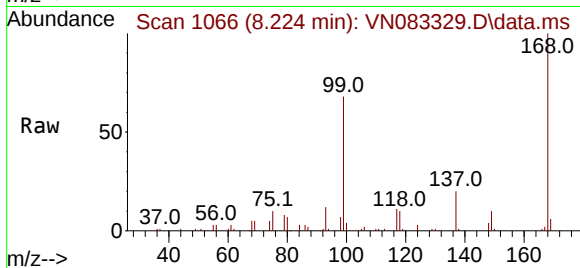
Tgt Ion: 75 Resp: 11272

Ion Ratio Lower Upper

75 100

110 8.5 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.220 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN083329.D

Acq: 15 Aug 2024 14:23

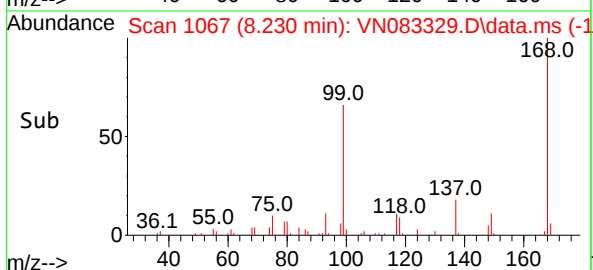
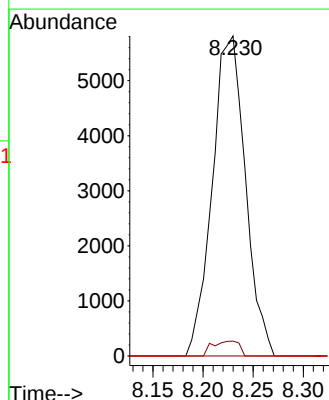
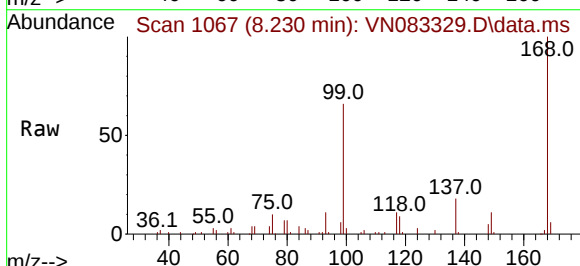
Tgt Ion: 117 Resp: 13362

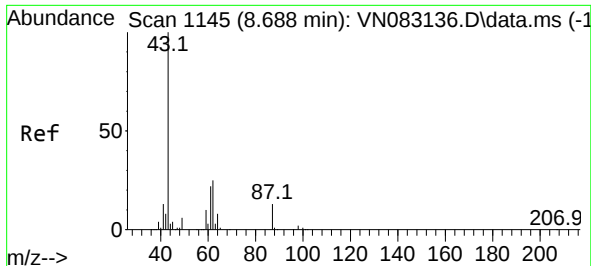
Ion Ratio Lower Upper

117 100

119 4.7 74.9 112.3#

121 0.0 24.3 36.5#

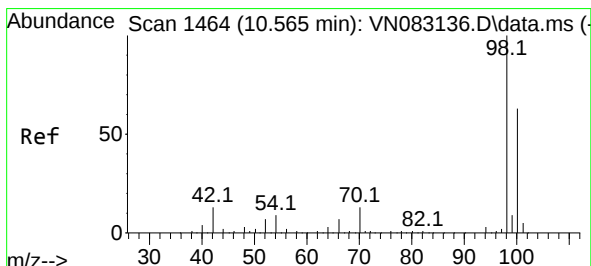
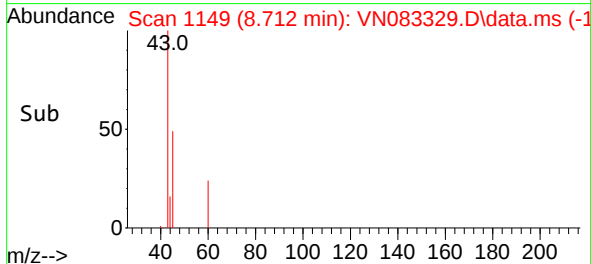
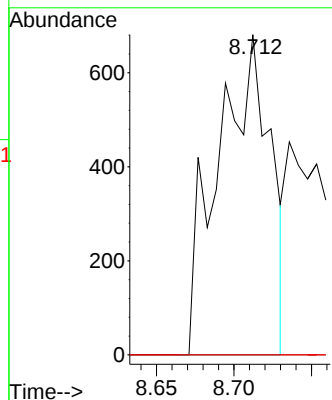
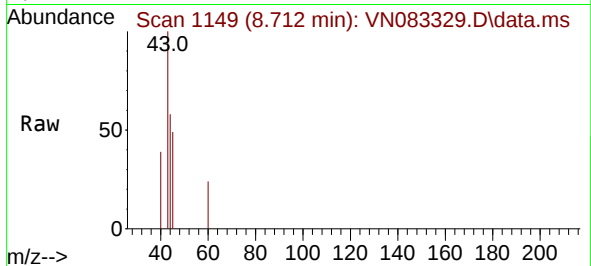




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

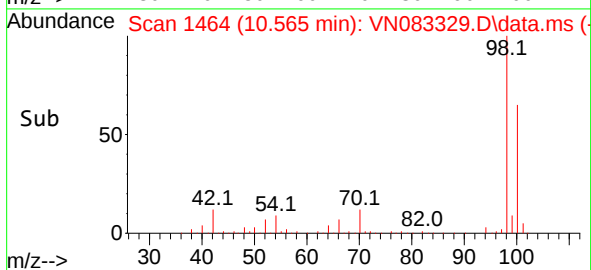
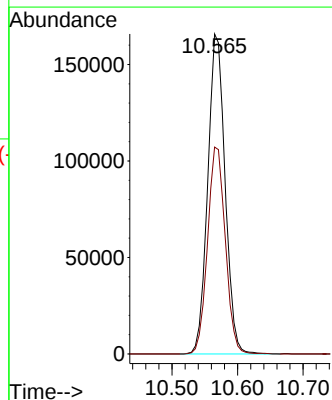
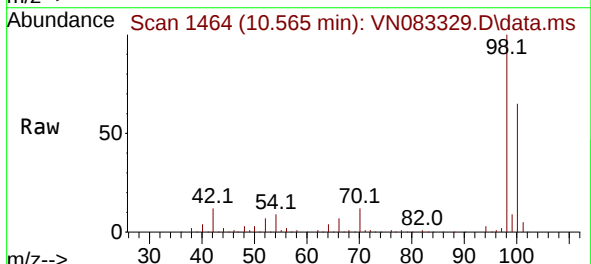
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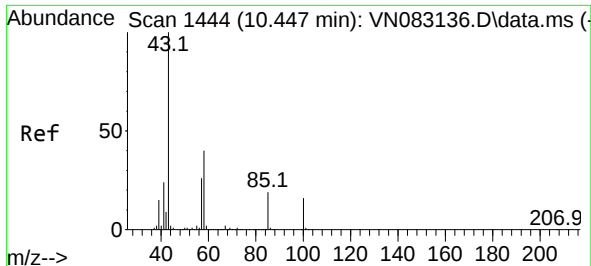
Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 54.426 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Tgt Ion: 98 Resp: 304994
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3

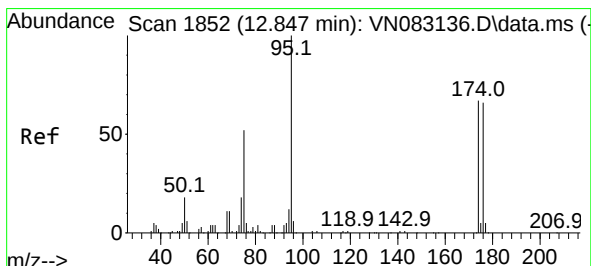
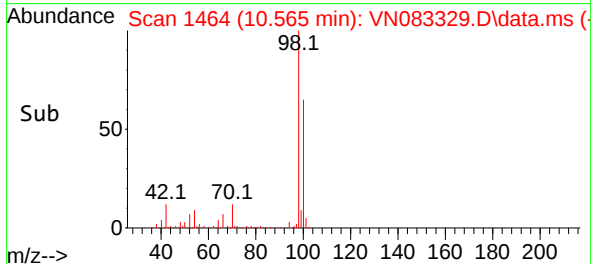
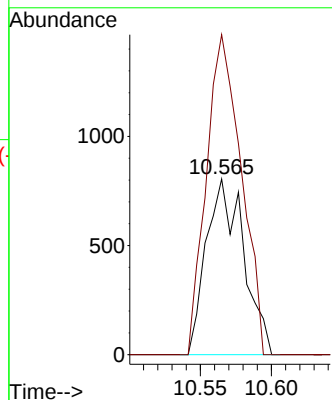
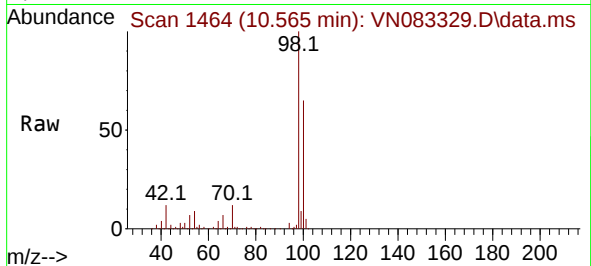




#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

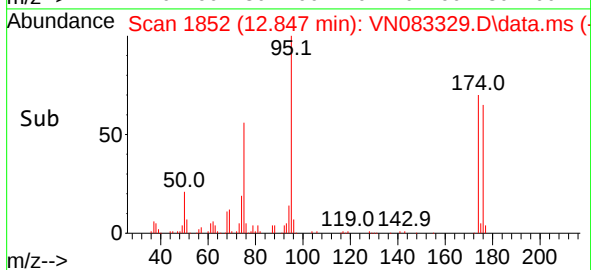
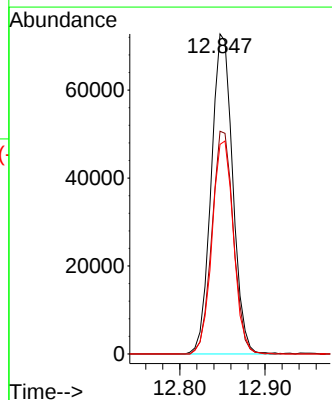
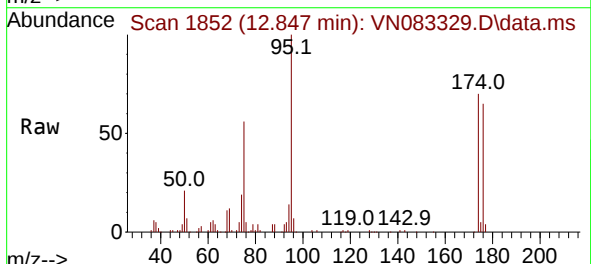
Instrument :
MSVOA_N
ClientSampleId :
917-J-WS-081424

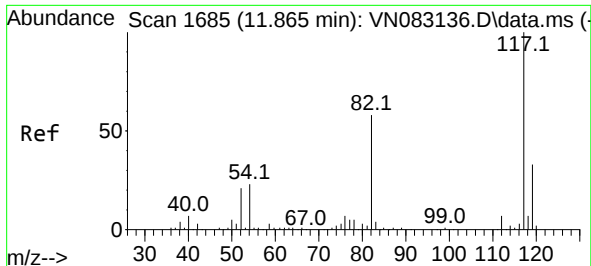
Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
58 170.8 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 58.351 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Tgt Ion: 95 Resp: 127478
Ion Ratio Lower Upper
95 100
174 69.5 0.0 159.2
176 66.1 0.0 147.6

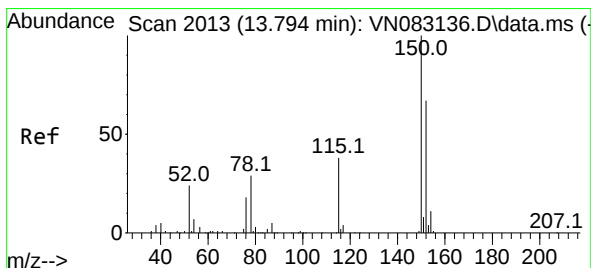
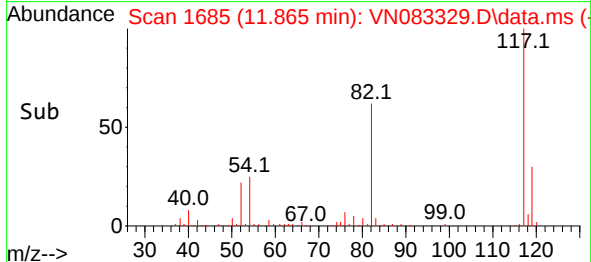
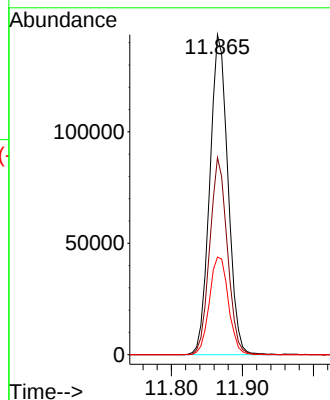
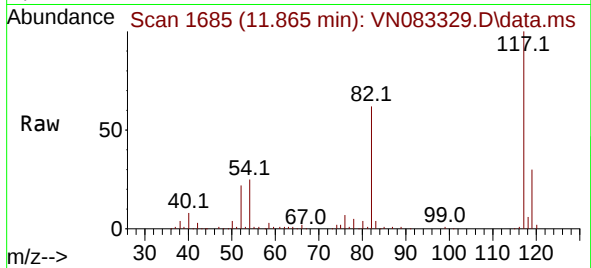




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

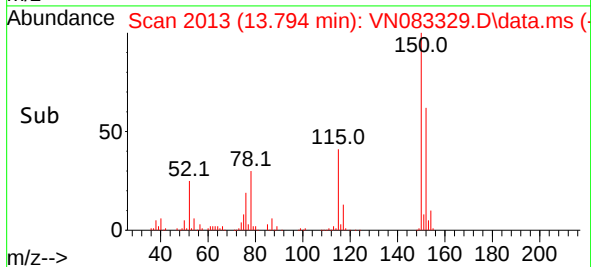
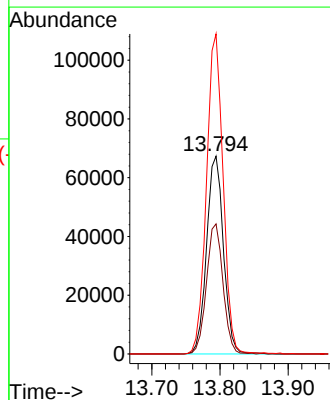
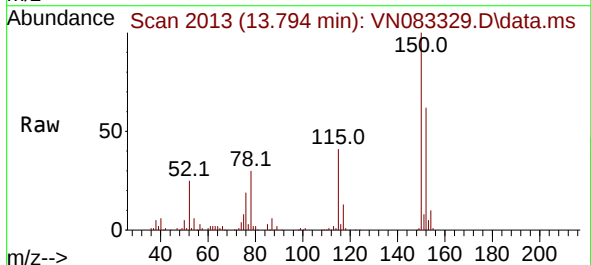
Instrument :
MSVOA_N
ClientSampleId :
917-J-WS-081424

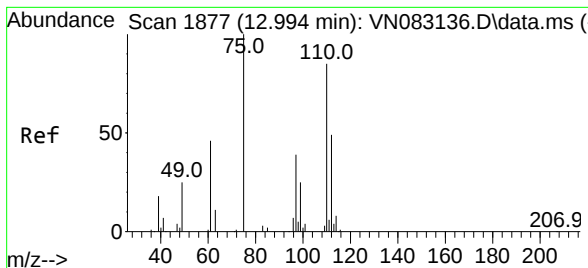
Tgt Ion:117 Resp: 254903
Ion Ratio Lower Upper
117 100
82 61.6 47.5 71.3
119 30.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Tgt Ion:152 Resp: 115939
Ion Ratio Lower Upper
152 100
115 64.5 30.6 91.6
150 159.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.249 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083329.D

Acq: 15 Aug 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

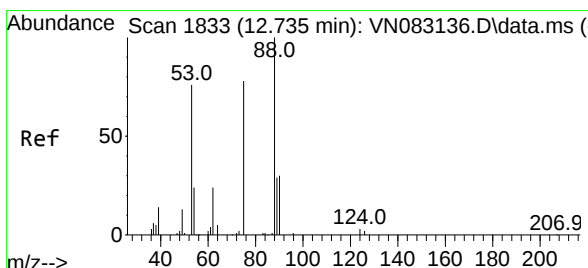
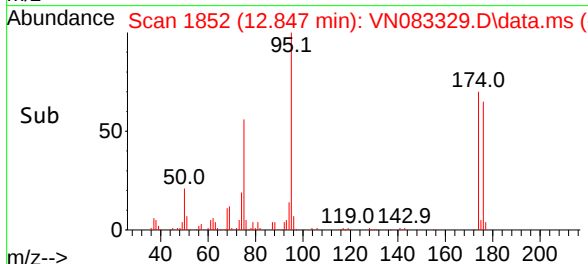
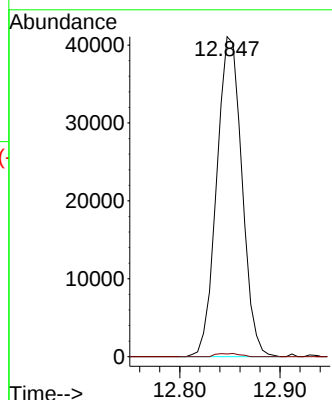
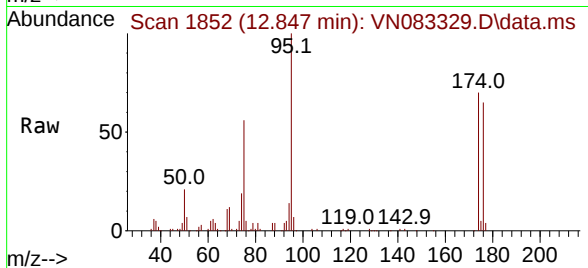
917-J-WS-081424

Tgt Ion: 75 Resp: 71881

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.448 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083329.D

Acq: 15 Aug 2024 14:23

Tgt Ion: 75 Resp: 71881

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

