

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083327.D
 Acq On : 15 Aug 2024 13:35
 Operator : JC\MD
 Sample : P3617-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Field Blank

Quant Time: Aug 16 01:50:35 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)

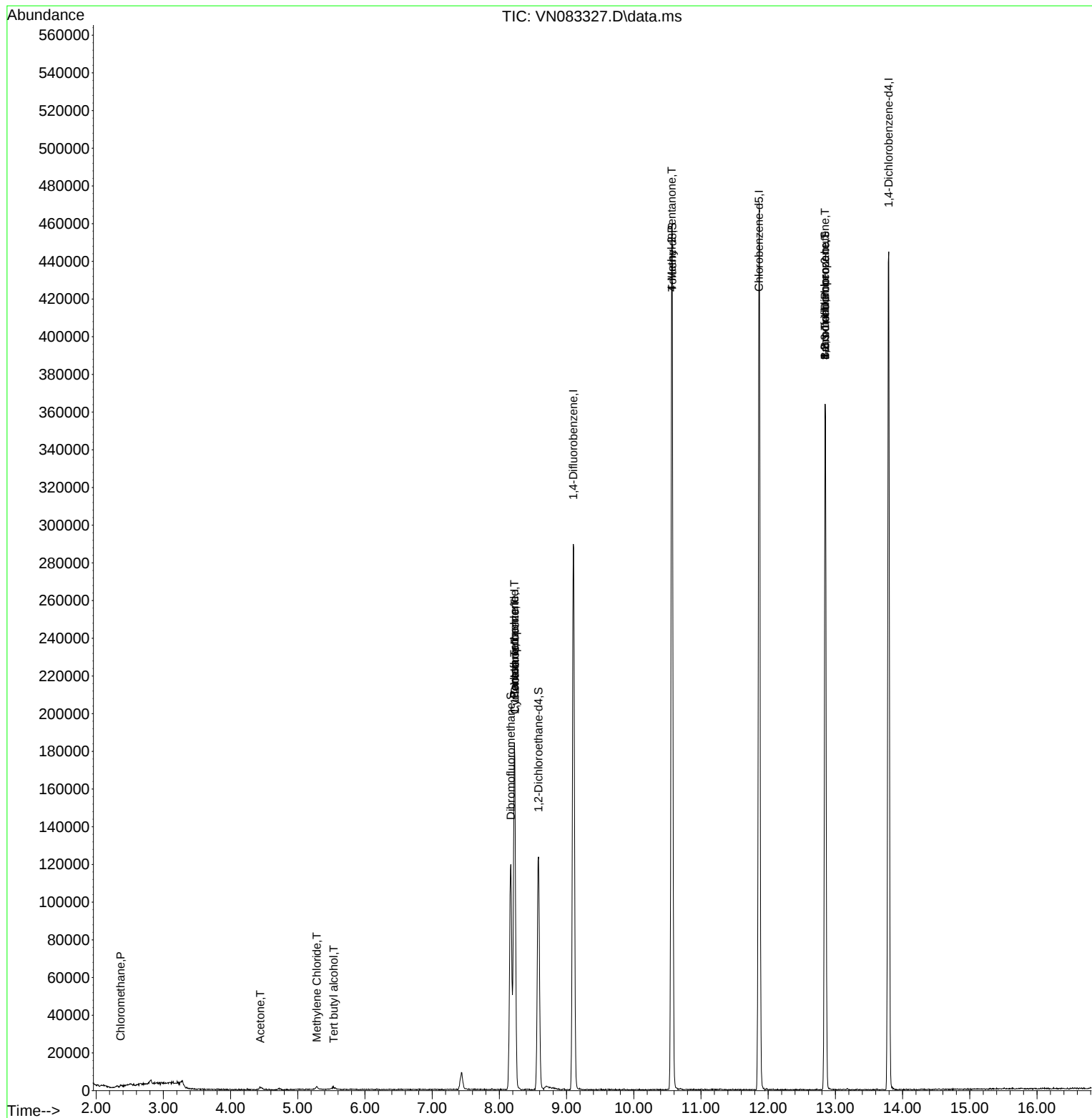
Internal Standards						
1) Pentafluorobenzene	8.223	168	126782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	262462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108658	60.212	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.420%			
35) Dibromofluoromethane	8.171	113	85407	54.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.860%			
50) Toluene-d8	10.570	98	320729	54.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.600%			
62) 4-Bromofluorobenzene	12.847	95	130234	57.072	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.140%			
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	639	0.434	ug/l #	43
11) Tert butyl alcohol	5.535	59	2010	5.360	ug/l #	79
16) Acetone	4.441	43	2533	3.587	ug/l	92
20) Methylene Chloride	5.282	84	773	0.476	ug/l #	73
31) Cyclohexane	8.229	56	3107	1.162	ug/l #	19
36) 1,1-Dichloropropene	8.229	75	11673	4.918	ug/l #	50
38) Carbon Tetrachloride	8.223	117	14212	5.316	ug/l #	15
43) Isopropyl Acetate	8.688	43	1554	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1427	0.568	ug/l #	1
71) Bromoform	12.847	173	462	0.298	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72745	28.149	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72745	61.231	ug/l #	6

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

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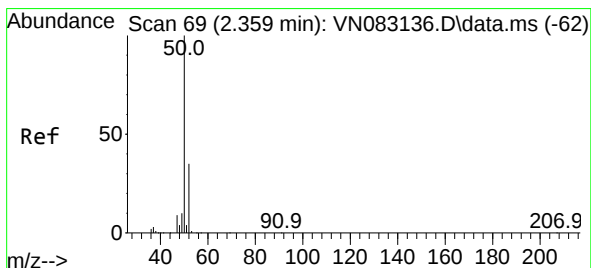
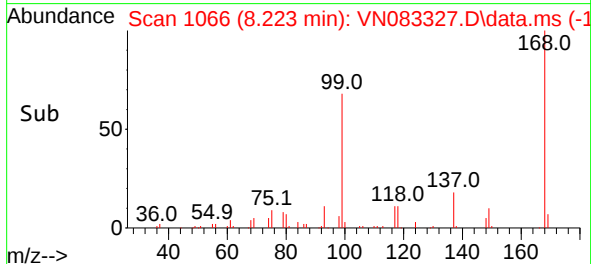
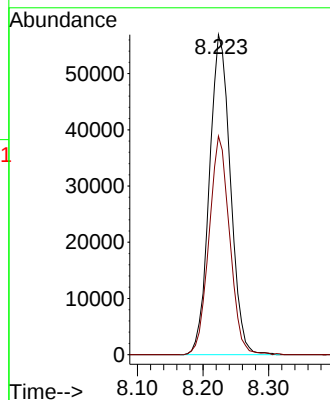
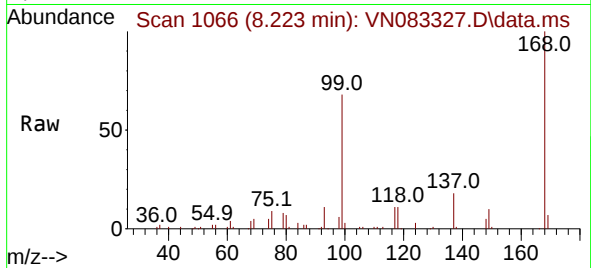




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

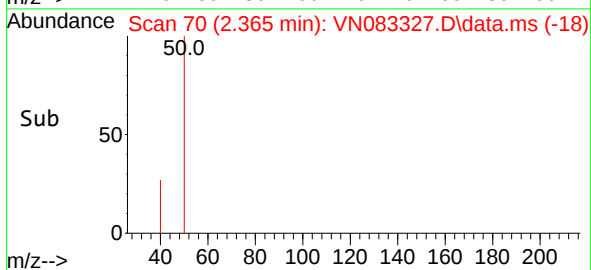
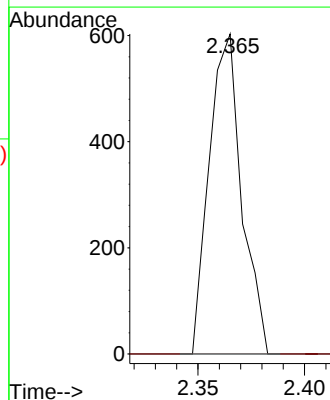
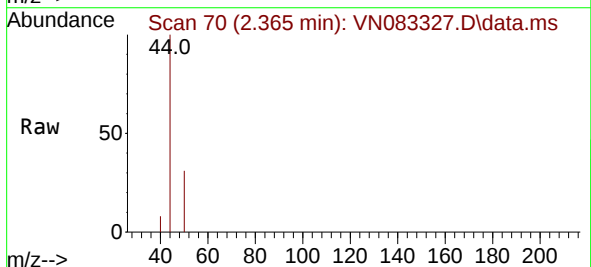
Instrument :
MSVOA_N
ClientSampleId :
Field Blank

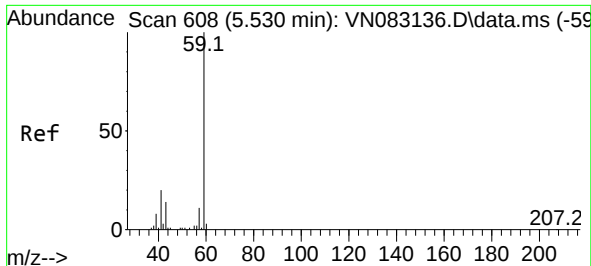
Tgt Ion:168 Resp: 126782
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#3
Chloromethane
Concen: 0.434 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion: 50 Resp: 639
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

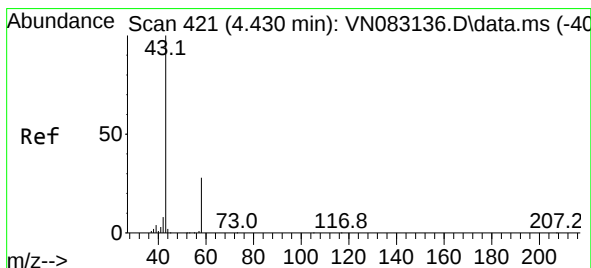
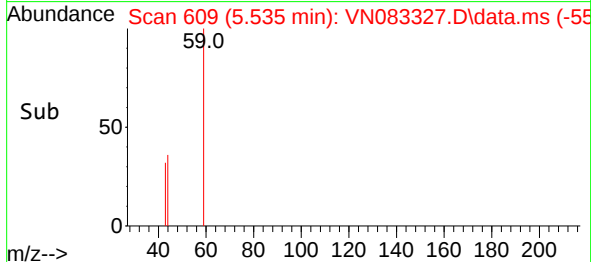
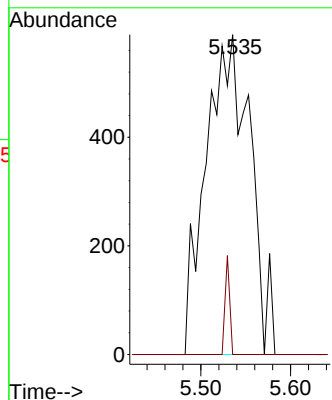
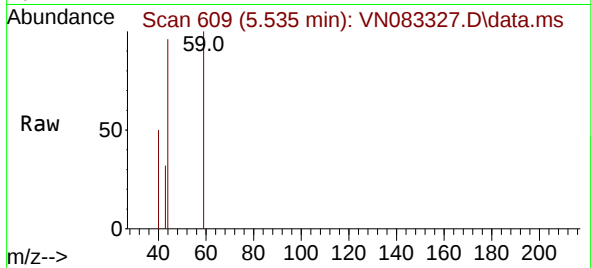




#11
Tert butyl alcohol
Concen: 5.360 ug/l
RT: 5.535 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

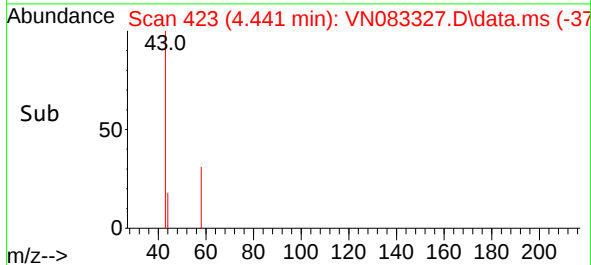
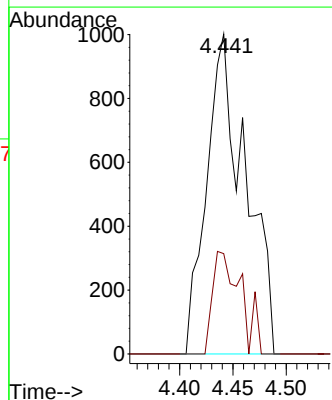
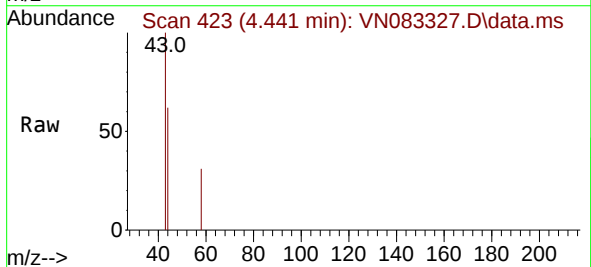
Instrument :
MSVOA_N
ClientSampleId :
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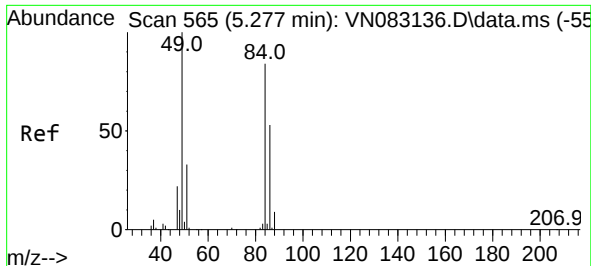
Tgt Ion: 59 Resp: 2010
Ion Ratio Lower Upper
59 100
57 3.2 8.9 13.3#



#16
Acetone
Concen: 3.587 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
58 31.3 21.8 32.6

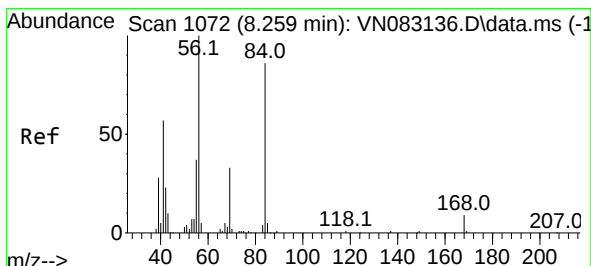
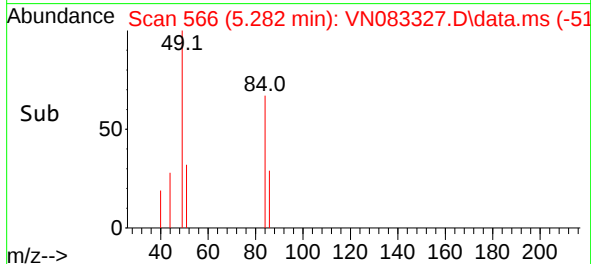
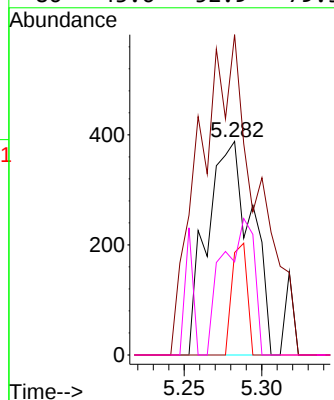
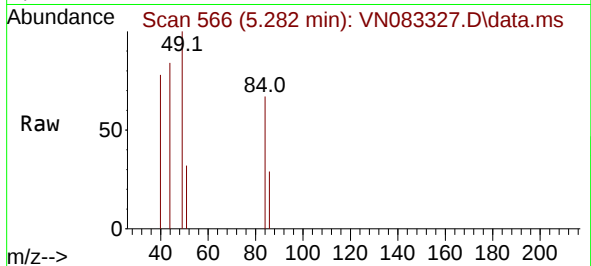




#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 5.282 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

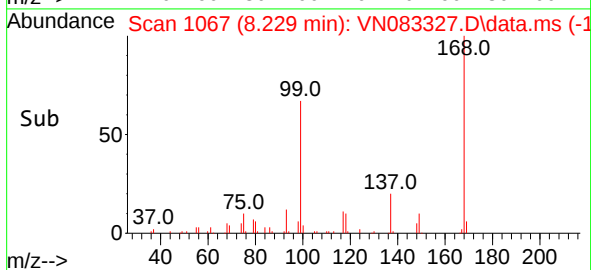
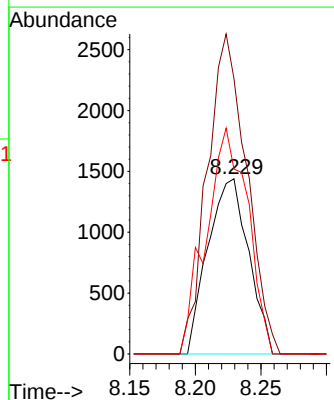
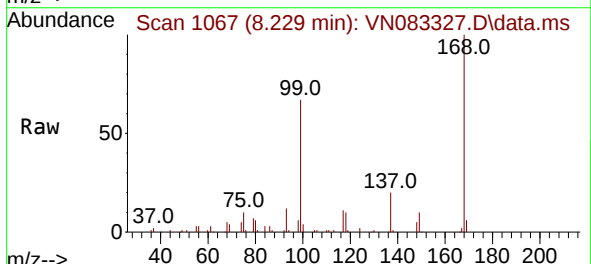
Instrument :
MSVOA_N
ClientSampleId :
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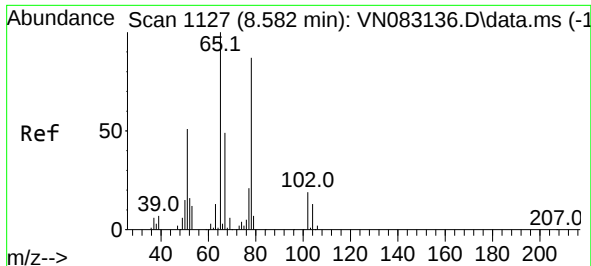
Tgt Ion:	84	Resp:	773
Ion	Ratio	Lower	Upper
84	100		
49	108.5	119.6	179.4#
51	47.9	34.8	52.2
86	43.6	52.9	79.3#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion:	56	Resp:	3107
Ion	Ratio	Lower	Upper
56	100		
69	157.1	24.5	36.7#
84	105.5	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 60.212 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083327.D

Acq: 15 Aug 2024 13:35

Instrument :

MSVOA_N

ClientSampleId :

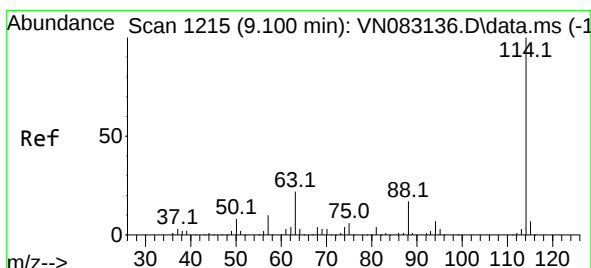
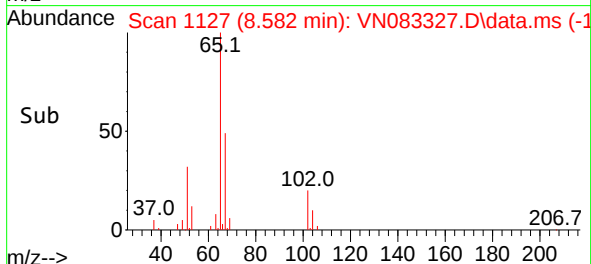
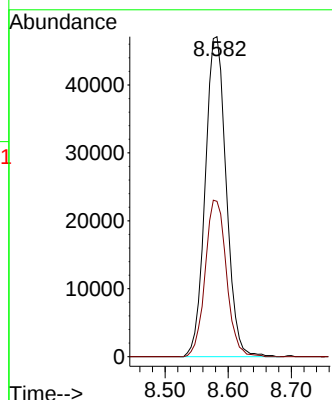
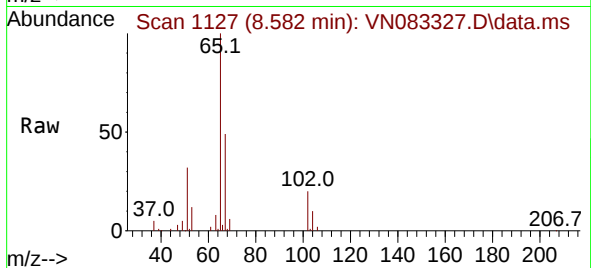
Field Blank

Tgt Ion: 65 Resp: 108658

Ion Ratio Lower Upper

65 100

67 49.6 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: VN083327.D

Acq: 15 Aug 2024 13:35

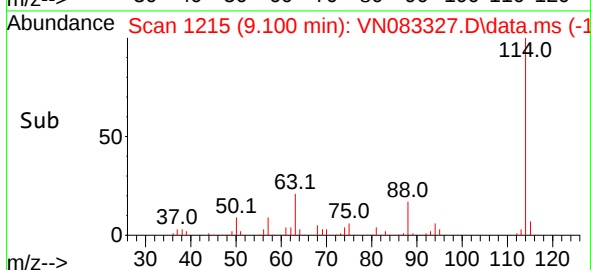
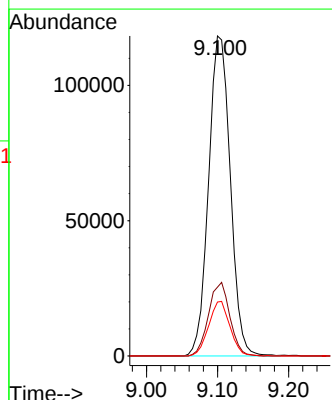
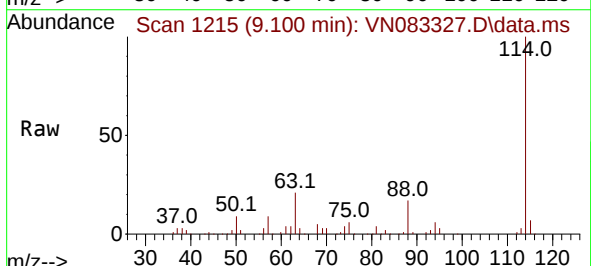
Tgt Ion: 114 Resp: 251391

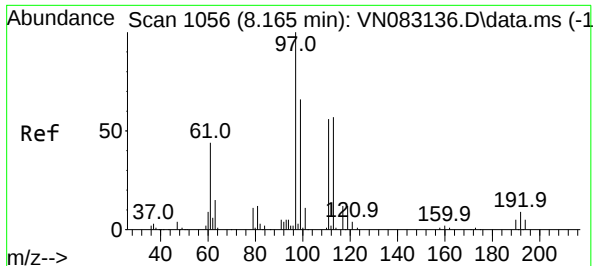
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.430 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083327.D

Acq: 15 Aug 2024 13:35

Instrument :

MSVOA_N

ClientSampleId :

Field Blank

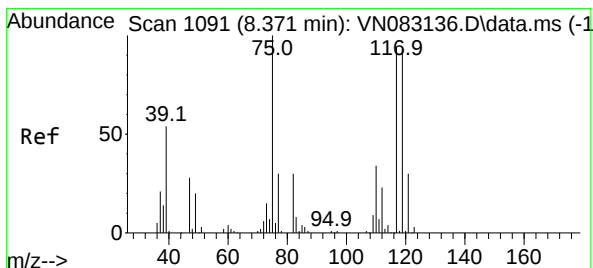
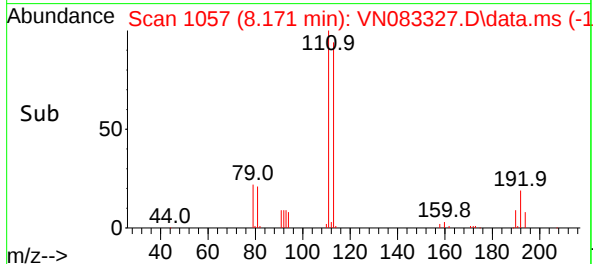
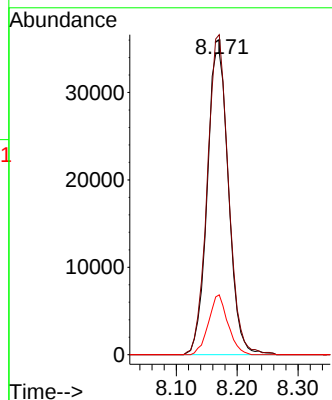
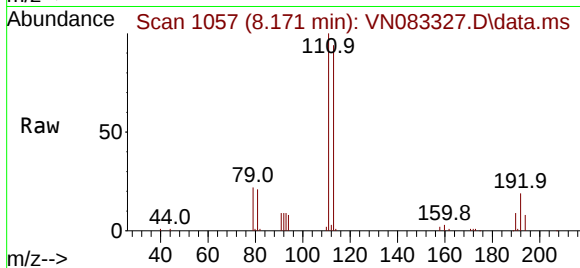
Tgt Ion:113 Resp: 85407

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 17.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.918 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083327.D

Acq: 15 Aug 2024 13:35

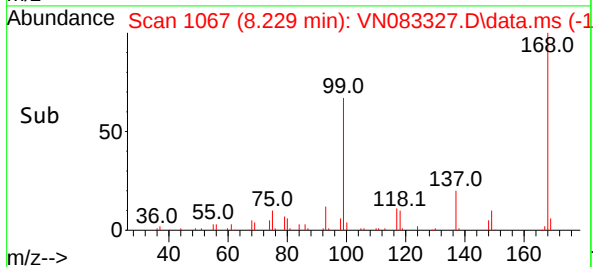
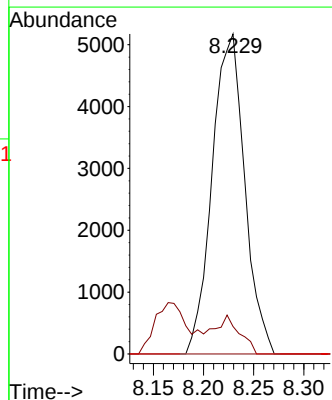
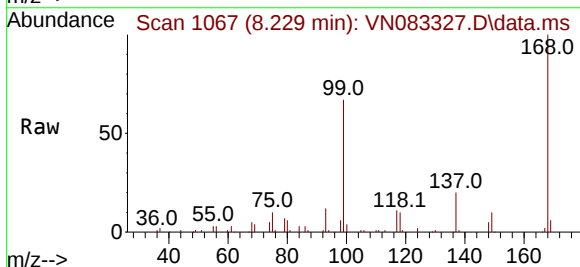
Tgt Ion: 75 Resp: 11673

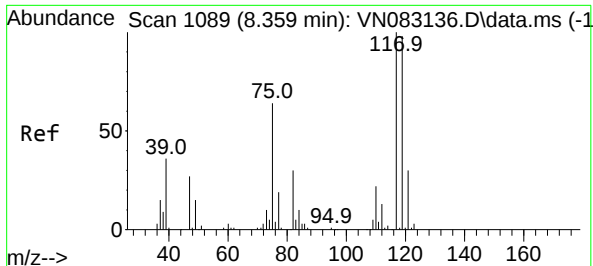
Ion Ratio Lower Upper

75 100

110 8.2 16.3 48.9#

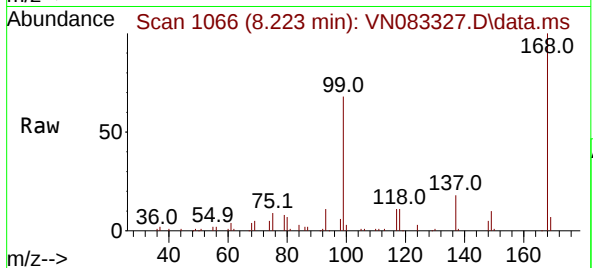
77 0.0 24.6 37.0#



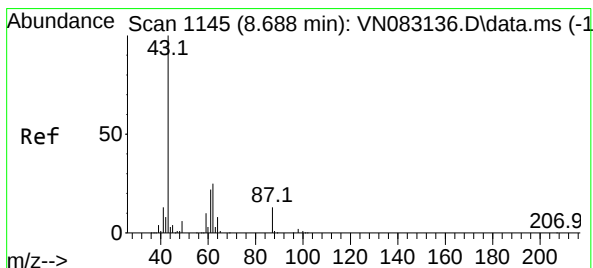
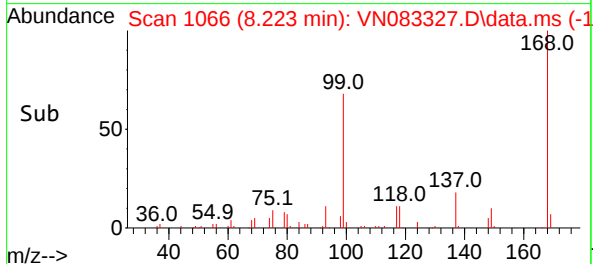
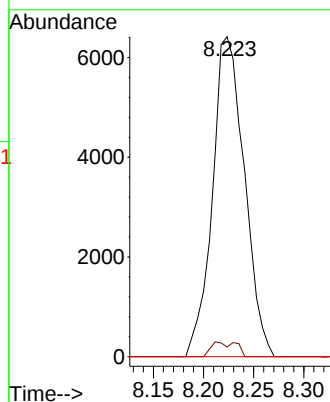


#38
Carbon Tetrachloride
Concen: 5.316 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.136 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Instrument :
MSVOA_N
ClientSampleId :
Field Blank

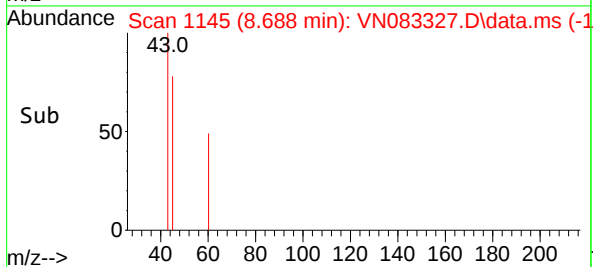
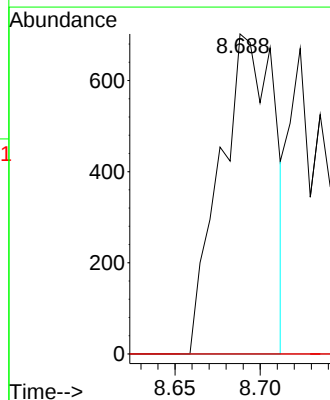
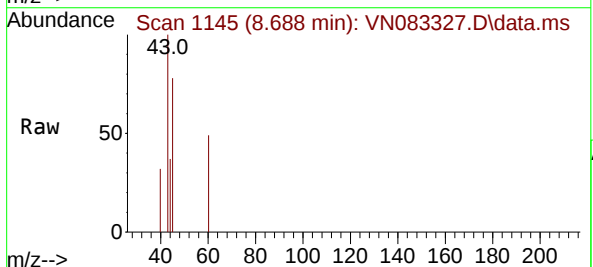


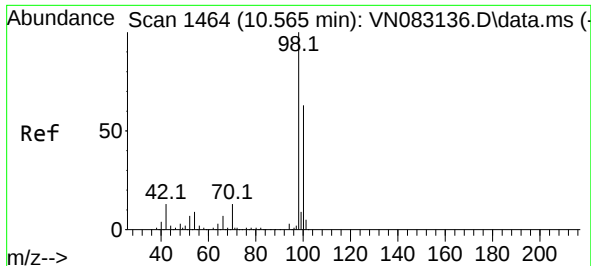
Tgt Ion:117 Resp: 14212
Ion Ratio Lower Upper
117 100
119 3.0 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

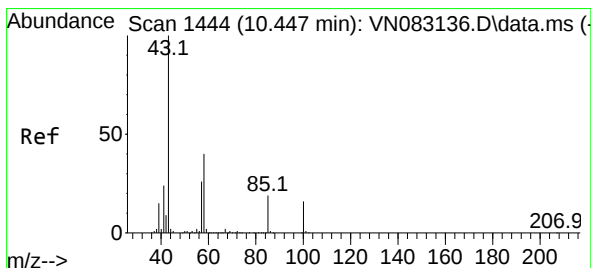
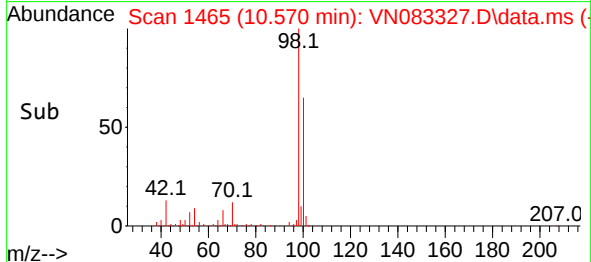
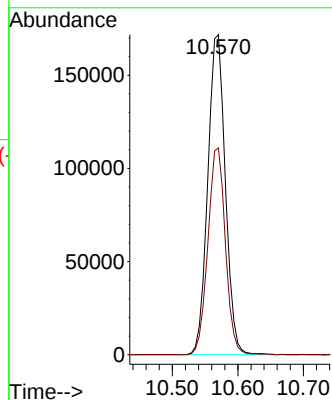
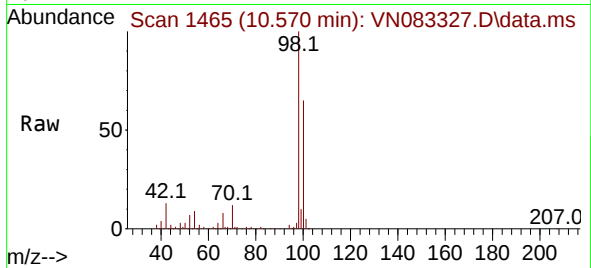




#50
Toluene-d8
Concen: 54.795 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

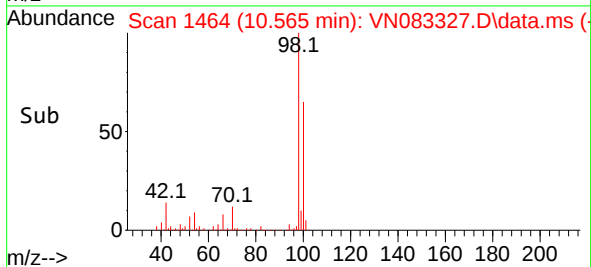
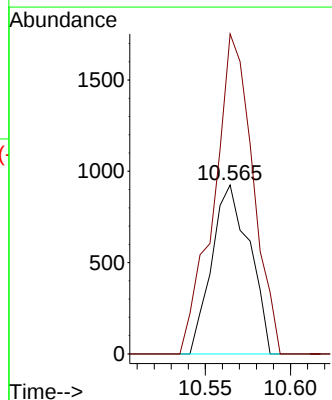
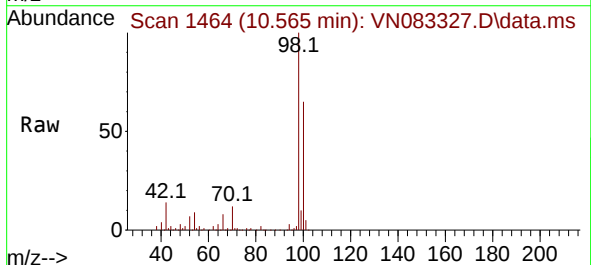
Instrument :
MSVOA_N
ClientSampleId :
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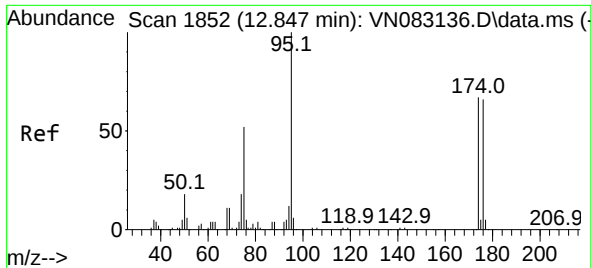
Tgt Ion: 98 Resp: 320729
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.568 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.117 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 195.0 28.2 42.4#

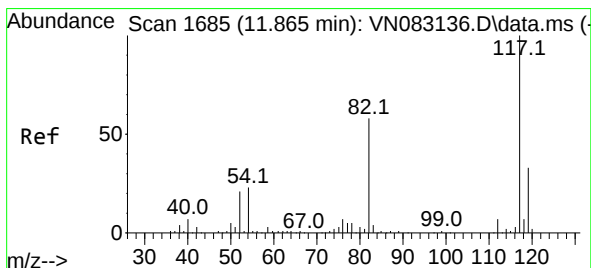
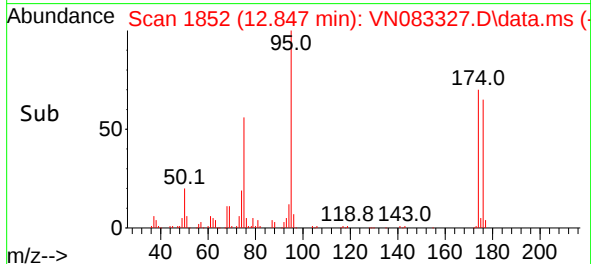
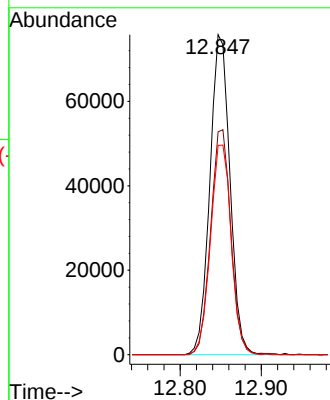
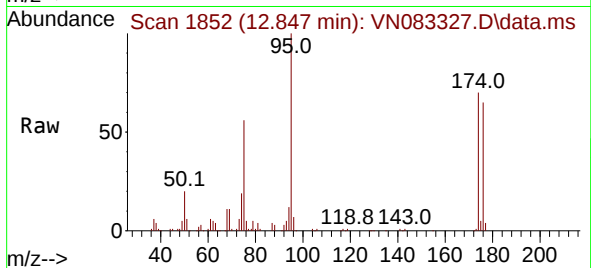




#62
4-Bromofluorobenzene
Concen: 57.072 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

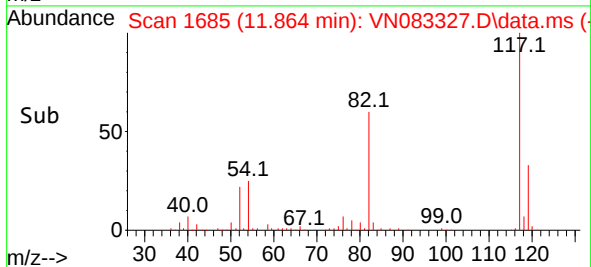
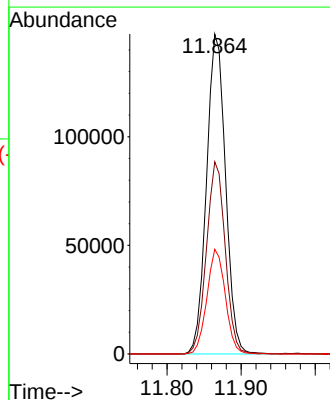
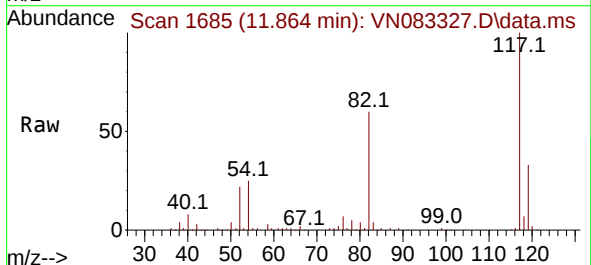
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ClientSampleId :
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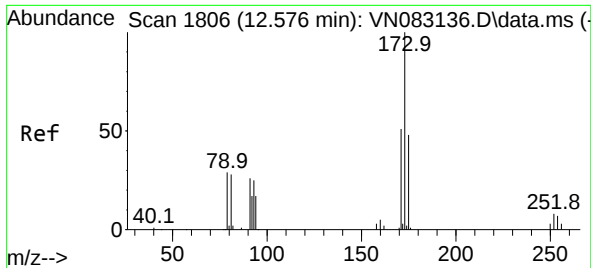
Tgt Ion: 95 Resp: 130234
Ion Ratio Lower Upper
95 100
174 71.2 0.0 159.2
176 67.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion: 117 Resp: 262462
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 32.7 25.6 38.4

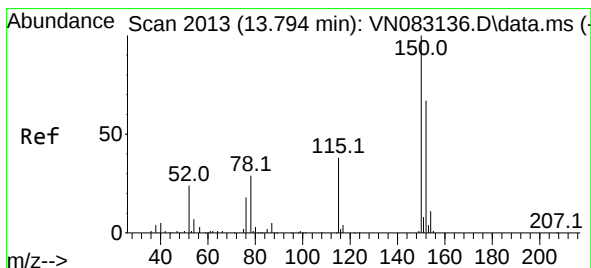
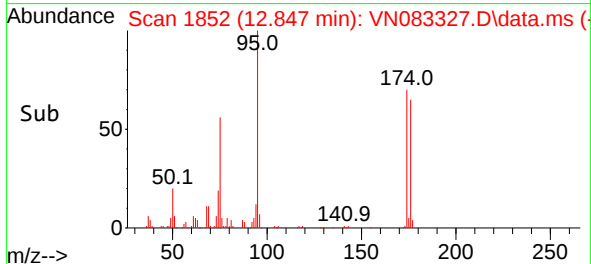
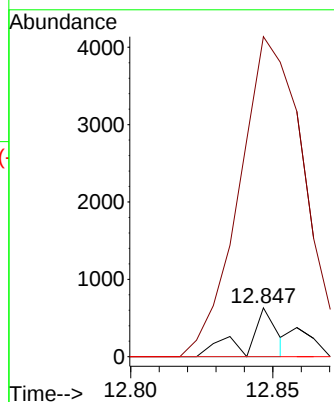
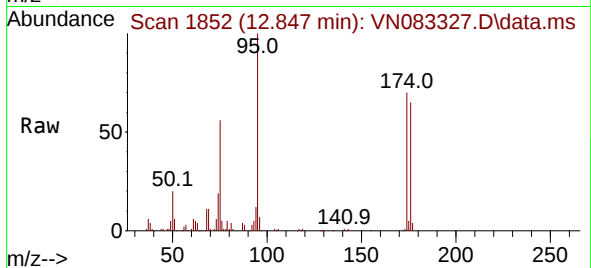




#71
Bromoform
Concen: 0.298 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

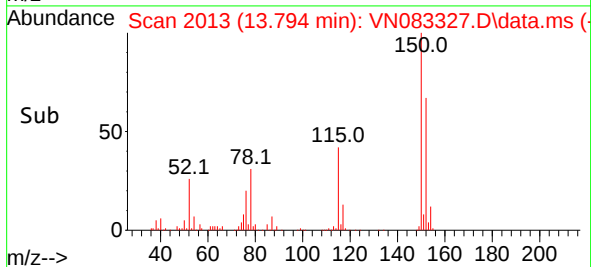
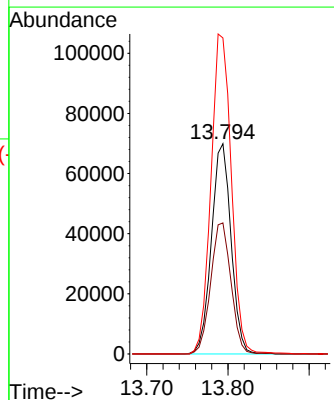
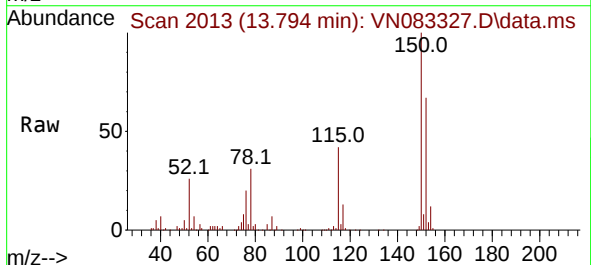
Instrument :
MSVOA_N
ClientSampleId :
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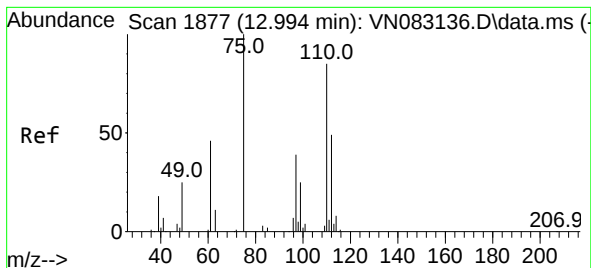
Tgt Ion:173 Resp: 462
Ion Ratio Lower Upper
173 100
175 997.8 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion:152 Resp: 117748
Ion Ratio Lower Upper
152 100
115 64.2 30.6 91.6
150 157.5 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.149 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083327.D

Acq: 15 Aug 2024 13:35

Instrument :

MSVOA_N

ClientSampleId :

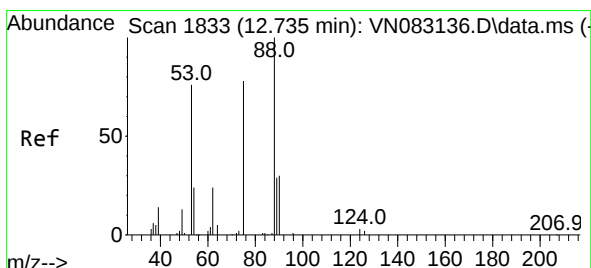
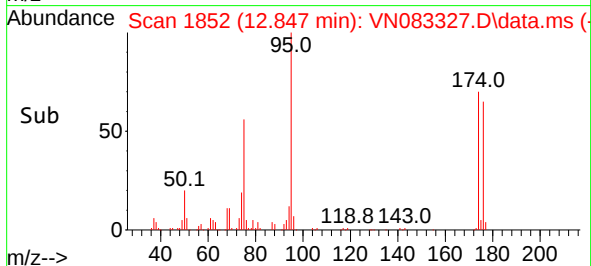
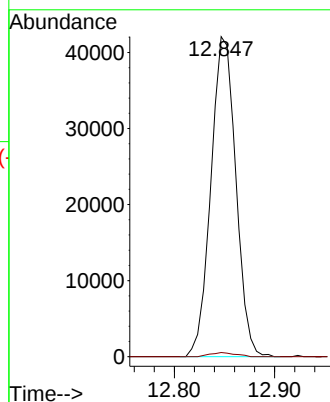
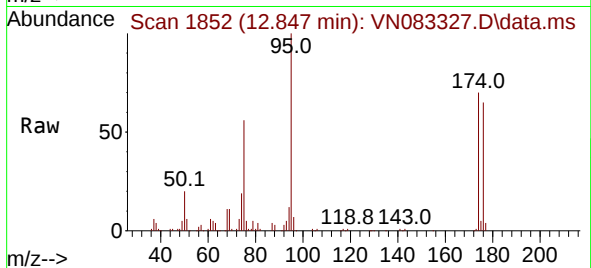
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Tgt Ion: 75 Resp: 72745

Ion Ratio Lower Upper

75 100

77 1.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.231 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083327.D

Acq: 15 Aug 2024 13:35

Tgt Ion: 75 Resp: 72745

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

