

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083332.D
 Acq On : 15 Aug 2024 15:36
 Operator : JC\MD
 Sample : P3617-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VCPS-B2-081424-6W-DUP

Quant Time: Aug 16 01:52:32 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)

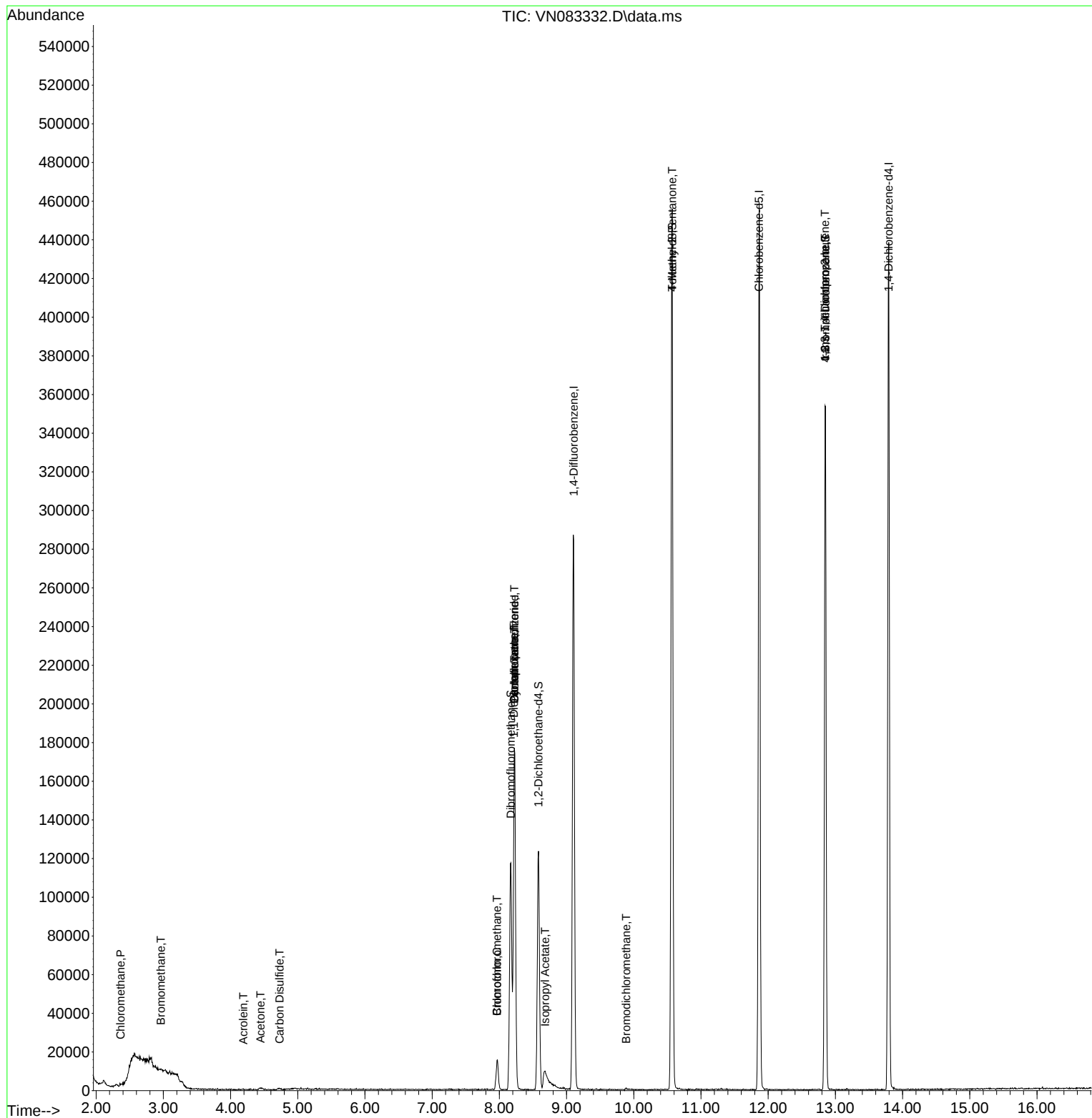
Internal Standards						
1) Pentafluorobenzene	8.224	168	122828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	245171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106273	60.786	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.580%		
35) Dibromofluoromethane	8.171	113	85524	55.887	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 111.780%		
50) Toluene-d8	10.571	98	313878	54.985	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.980%		
62) 4-Bromofluorobenzene	12.853	95	131157	58.935	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 117.860%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	367	0.257	ug/l #	43
5) Bromomethane	2.965	94	184	0.204	ug/l #	1
13) Acrolein	4.189	56	54	0.228	ug/l #	14
16) Acetone	4.448	43	1937	2.831	ug/l #	48
17) Carbon Disulfide	4.730	76	1968	0.494	ug/l #	75
28) Bromochloromethane	7.965	49	1214	1.127	ug/l #	21
30) Chloroform	7.965	83	14648	5.348	ug/l	95
31) Cyclohexane	8.224	56	3075	1.187	ug/l #	3
36) 1,1-Dichloropropene	8.218	75	11459	4.950	ug/l #	52
38) Carbon Tetrachloride	8.224	117	13901	5.331	ug/l #	16
43) Isopropyl Acetate	8.683	43	15540	1.856	ug/l #	60
47) Bromodichloromethane	9.888	83	945	0.359	ug/l #	83
51) 4-Methyl-2-Pentanone	10.571	43	1542	0.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71968	28.481	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71968	61.952	ug/l #	6

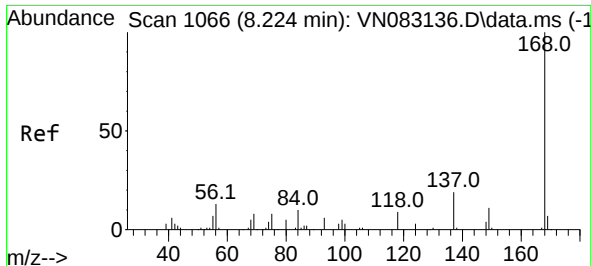
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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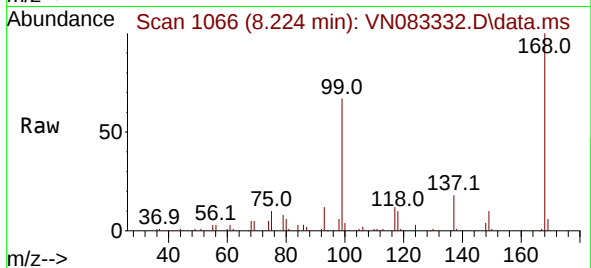
Quant Time: Aug 16 01:52:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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QLast Update : Thu Aug 08 06:30:41 2024
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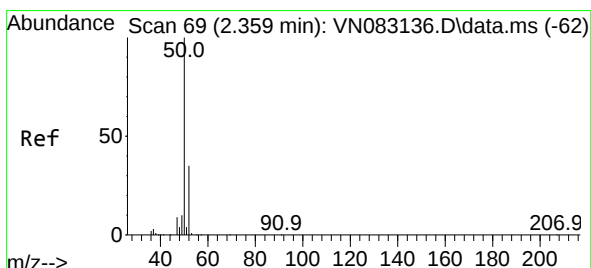
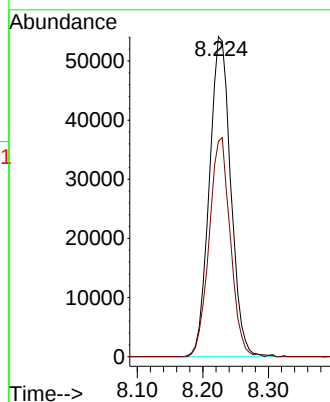
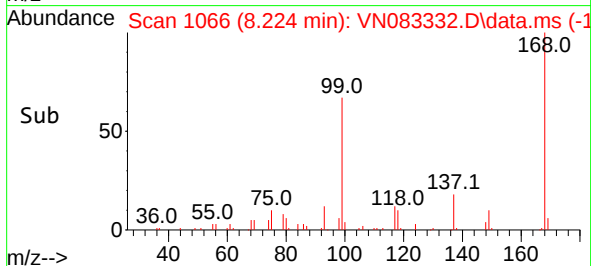


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
VCPS-B2-081424-6W-DUP

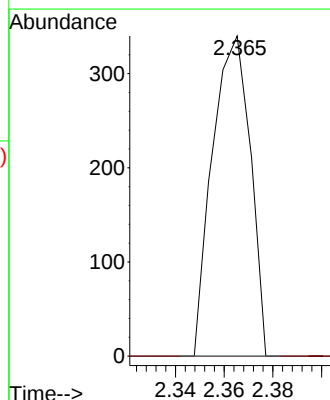
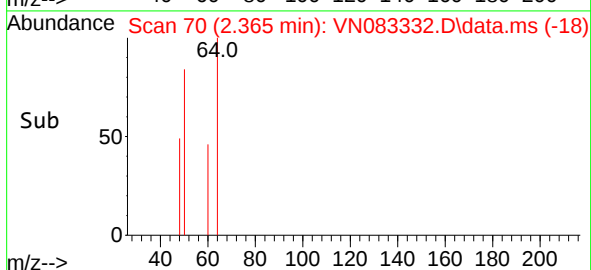
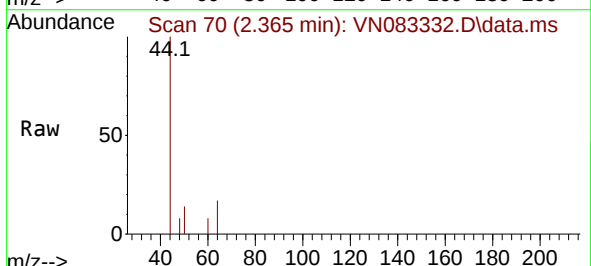


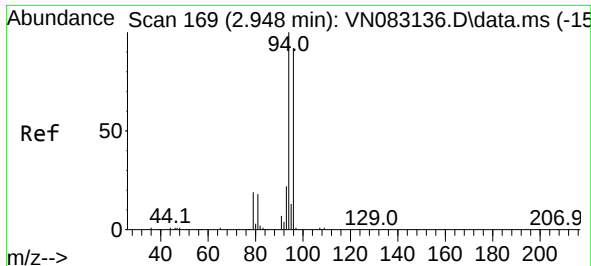
Tgt Ion:168 Resp: 122828
Ion Ratio Lower Upper
168 100
99 67.4 48.2 72.4



#3
Chloromethane
Concen: 0.257 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

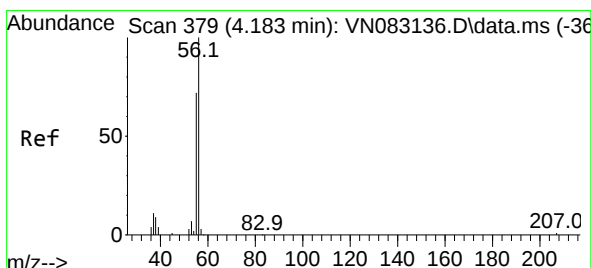
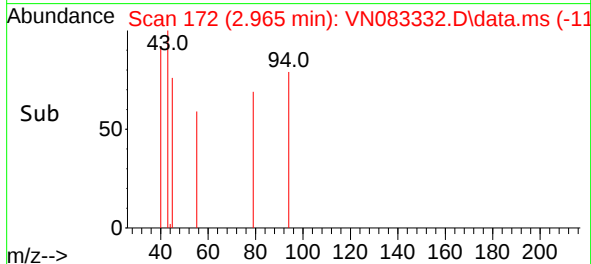
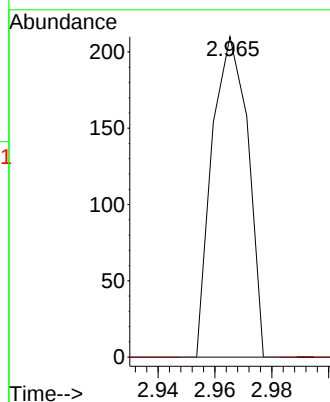
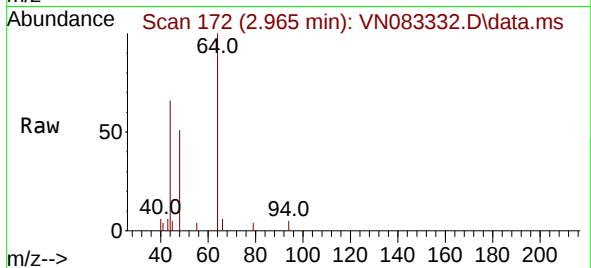




#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

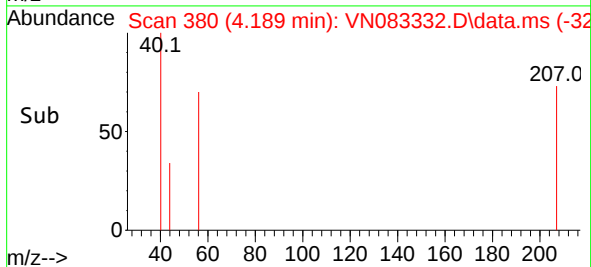
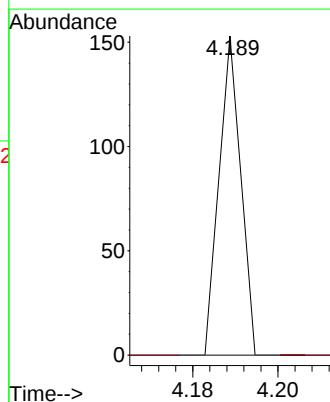
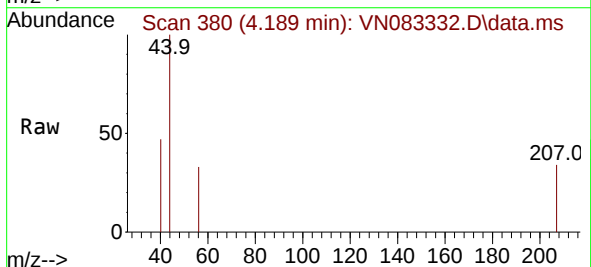
Instrument :
MSVOA_N
ClientSampleId :
VCPS-B2-081424-6W-DUP

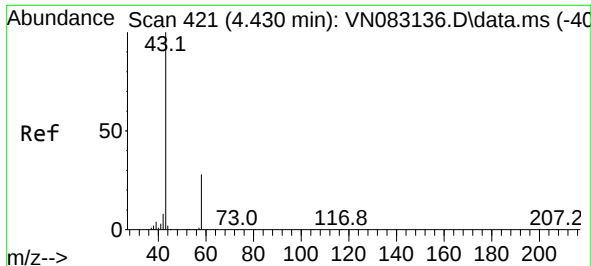
Tgt Ion: 94 Resp: 184
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#13
Acrolein
Concen: 0.228 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

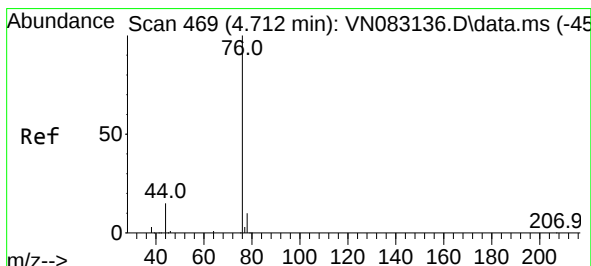
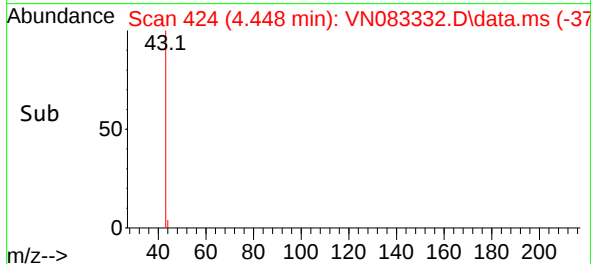
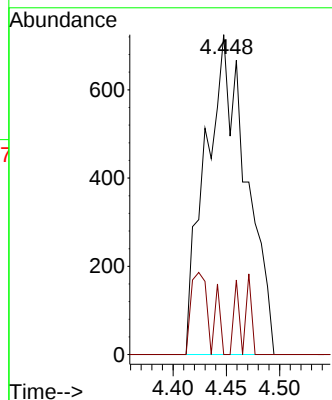
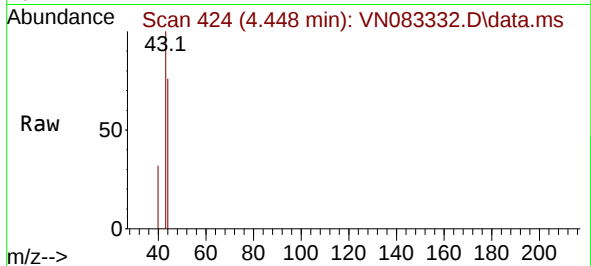




#16
Acetone
Concen: 2.831 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

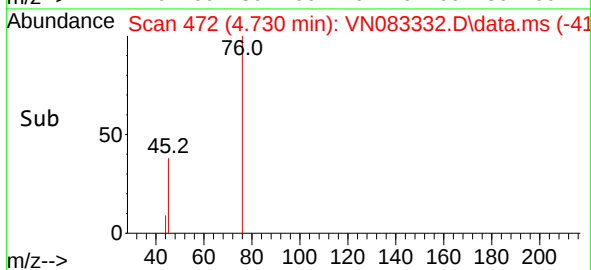
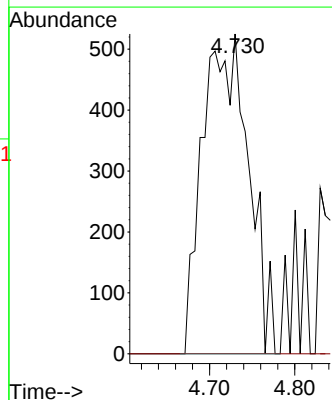
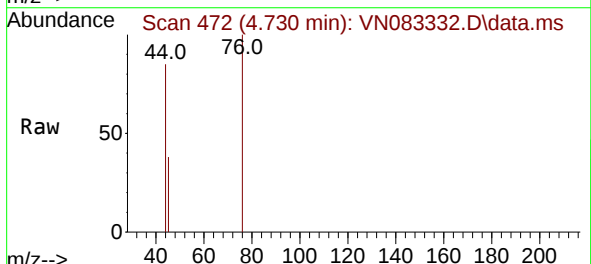
Instrument :
MSVOA_N
ClientSampleId :
VCPS-B2-081424-6W-DUP

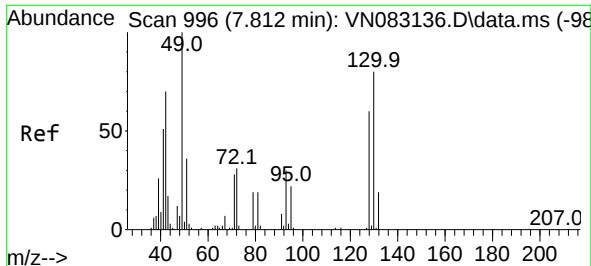
Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.494 ug/l
RT: 4.730 min Scan# 472
Delta R.T. 0.018 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 76 Resp: 1968
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

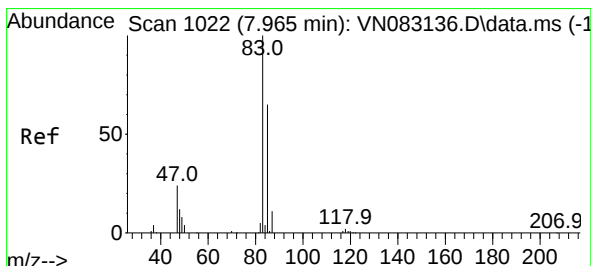
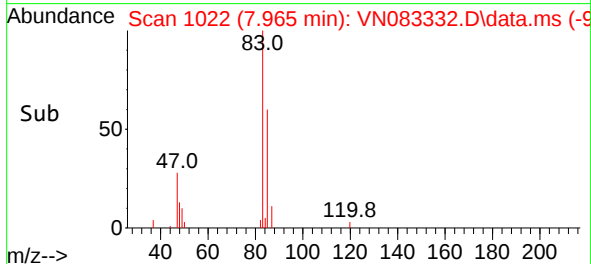
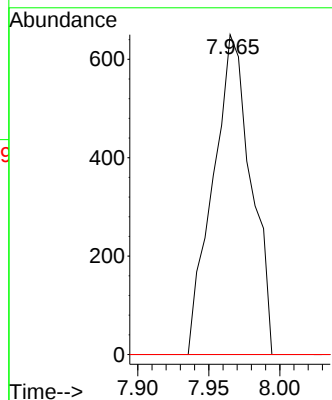
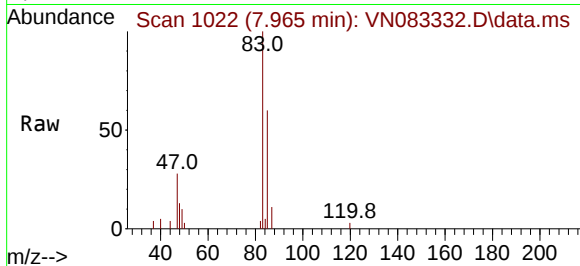




#28
Bromochloromethane
Concen: 1.127 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.153 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

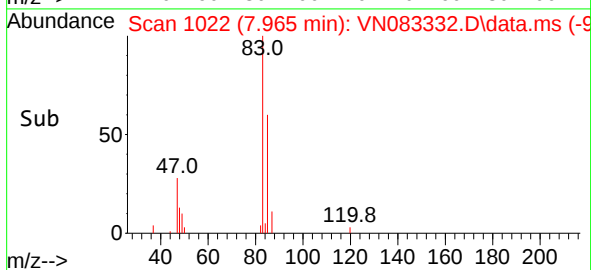
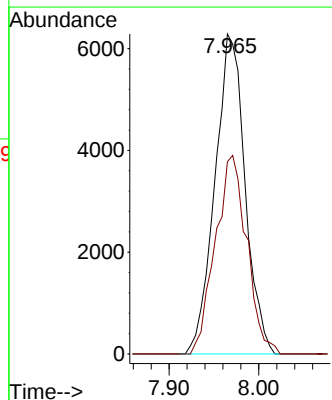
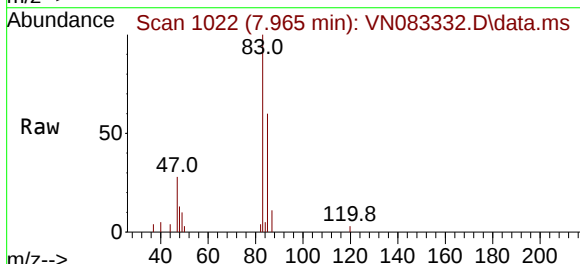
Instrument :
MSVOA_N
ClientSampleId :
VCPS-B2-081424-6W-DUP

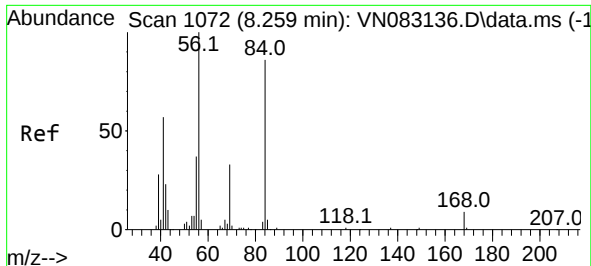
Tgt Ion: 49 Resp: 1214
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 50.5 75.7#



#30
Chloroform
Concen: 5.348 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 83 Resp: 14648
Ion Ratio Lower Upper
83 100
85 60.0 50.9 76.3

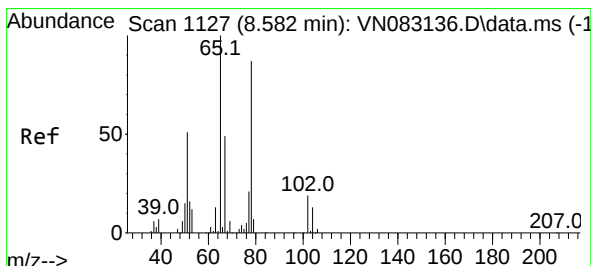
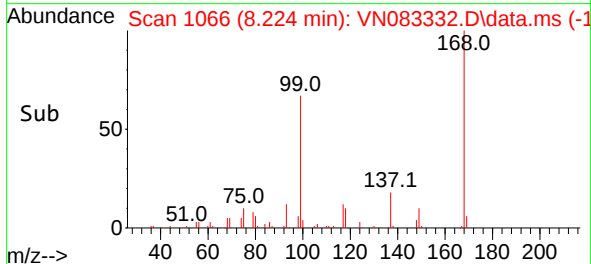
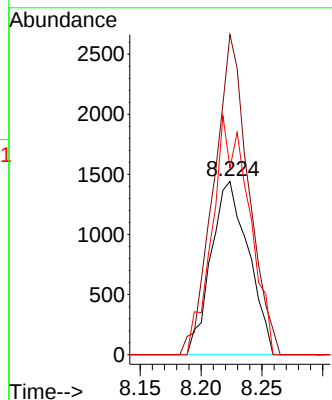
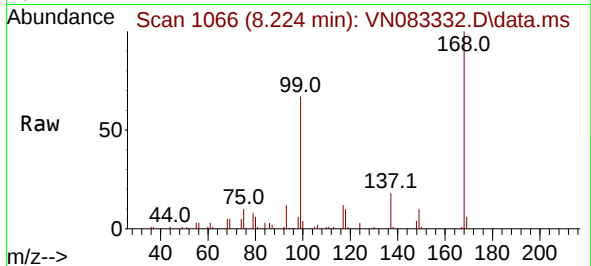




#31
Cyclohexane
Concen: 1.187 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

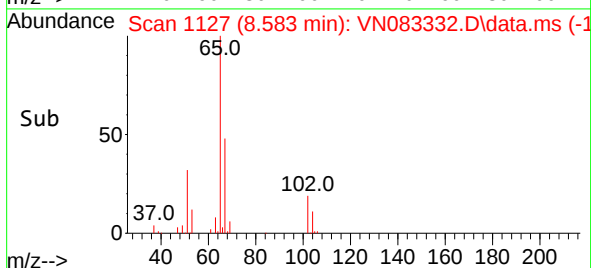
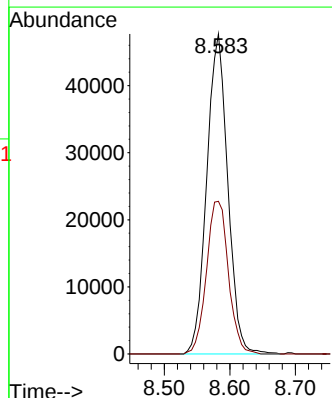
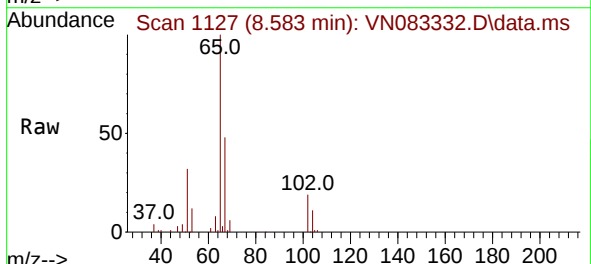
Instrument :
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ClientSampleId :
VCPS-B2-081424-6W-DUP

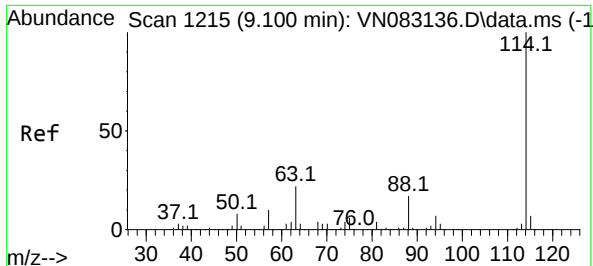
Tgt Ion: 56 Resp: 3075
Ion Ratio Lower Upper
56 100
69 184.7 24.5 36.7#
84 107.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 60.786 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 65 Resp: 106273
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083332.D

Acq: 15 Aug 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

VCPS-B2-081424-6W-DUP

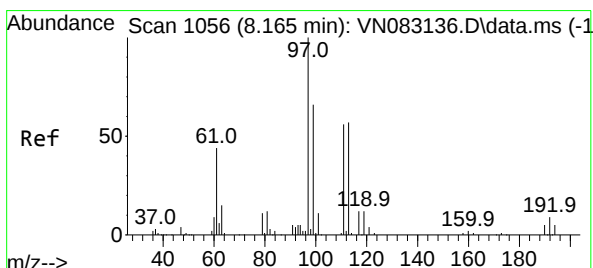
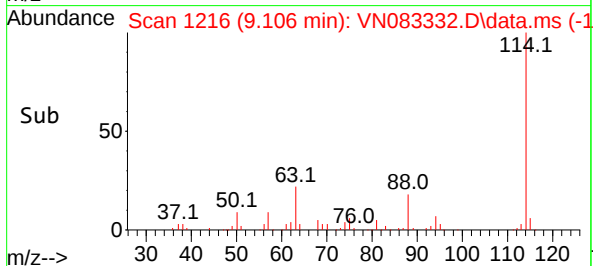
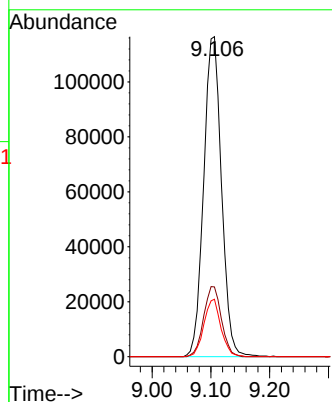
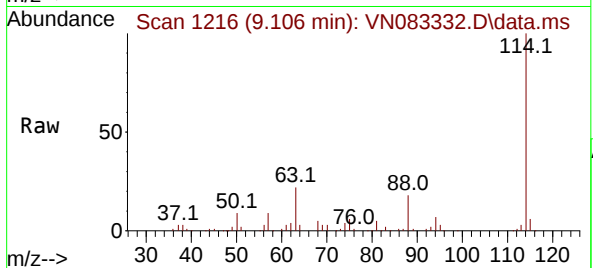
Tgt Ion:114 Resp: 245171

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 17.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.887 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083332.D

Acq: 15 Aug 2024 15:36

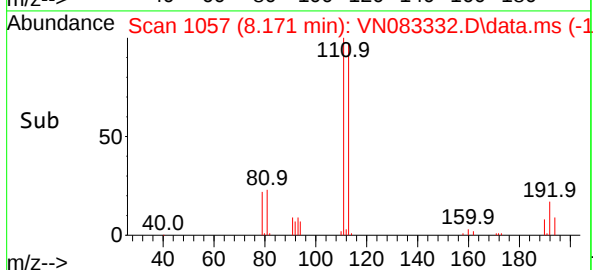
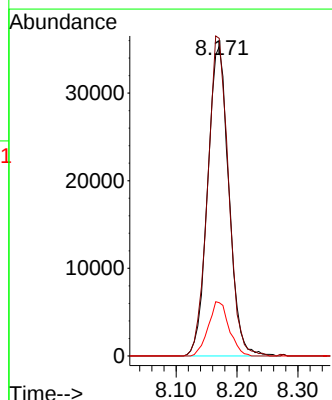
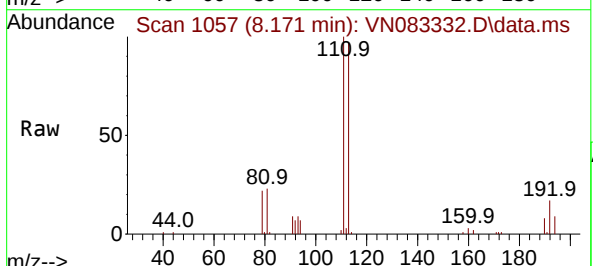
Tgt Ion:113 Resp: 85524

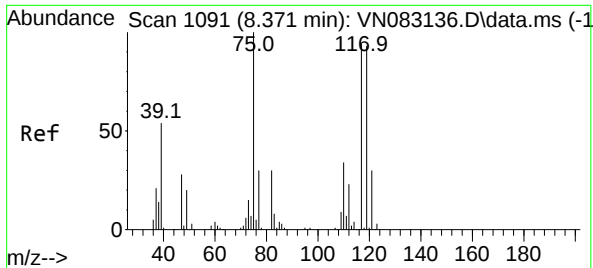
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.1 14.9 22.3

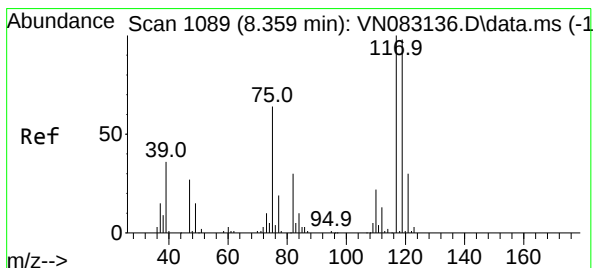
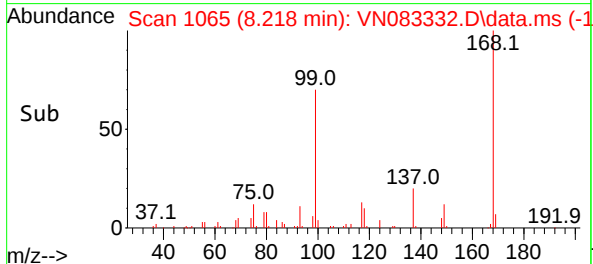
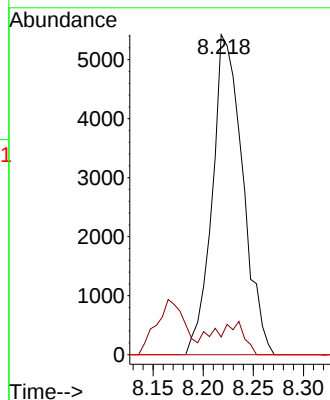
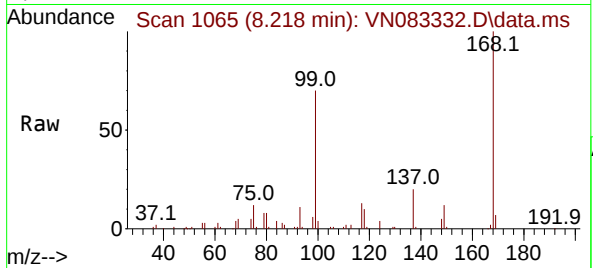




#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

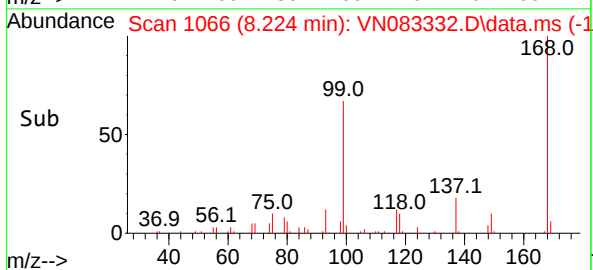
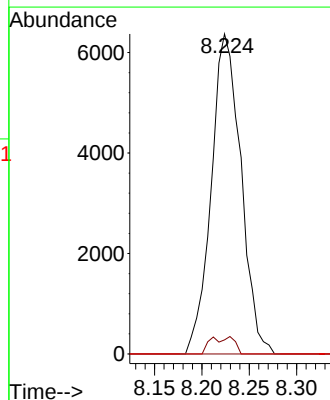
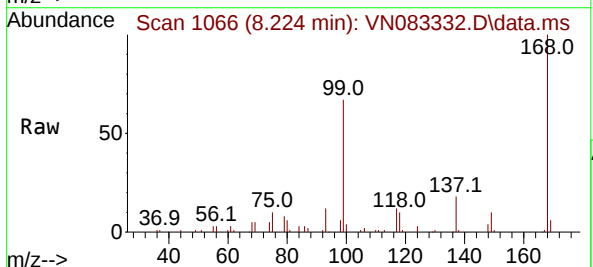
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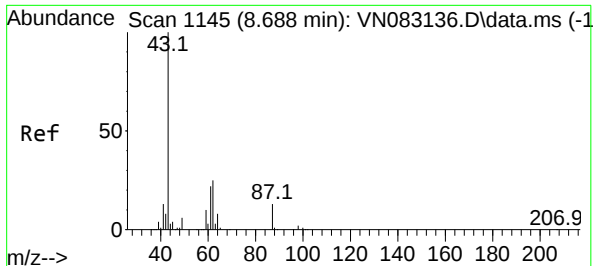
Tgt Ion: 75 Resp: 11459
Ion Ratio Lower Upper
75 100
110 10.4 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.331 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 117 Resp: 13901
Ion Ratio Lower Upper
117 100
119 4.4 74.9 112.3#
121 0.0 24.3 36.5#

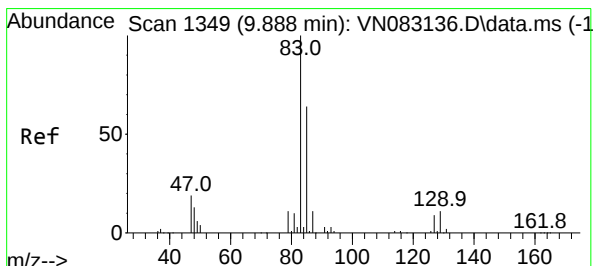
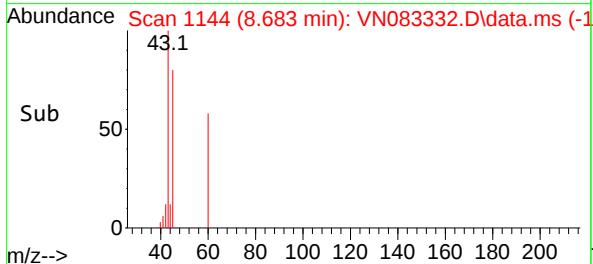
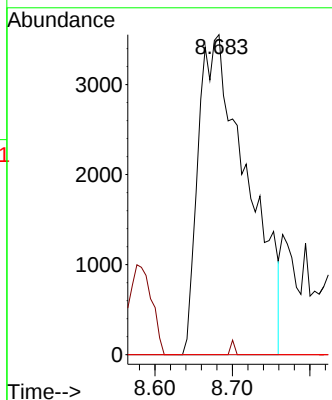
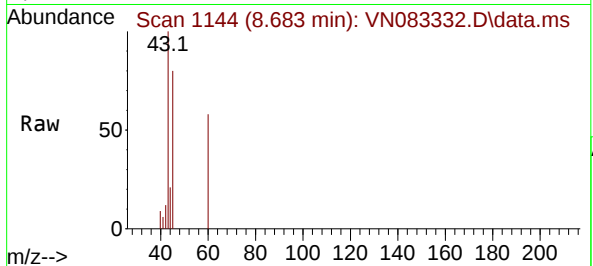




#43
Isopropyl Acetate
Concen: 1.856 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.005 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

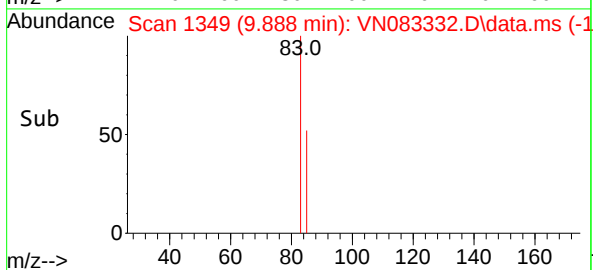
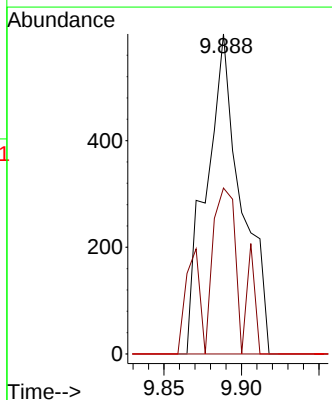
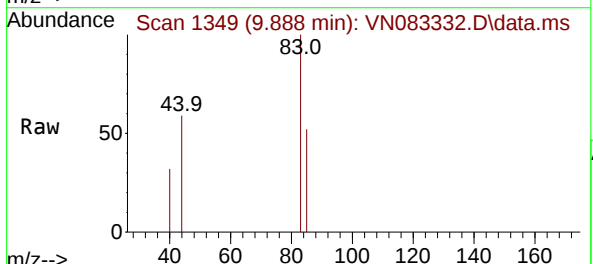
Instrument : MSVOA_N
ClientSampleId : VCPS-B2-081424-6W-DUP

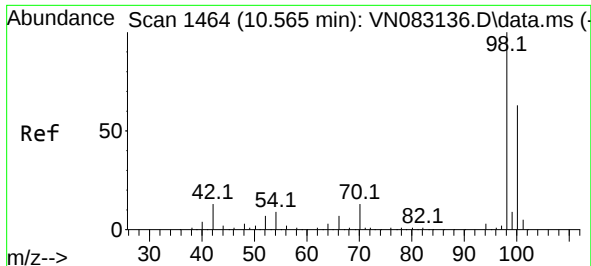
Tgt Ion:	43	Resp:	15540
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#47
Bromodichloromethane
Concen: 0.359 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion:	83	Resp:	945
Ion	Ratio	Lower	Upper
83	100		
85	51.8	51.1	76.7
127	0.0	7.2	10.8#

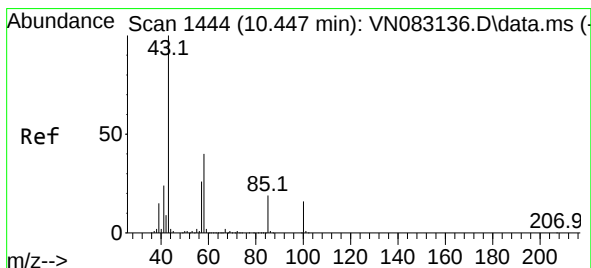
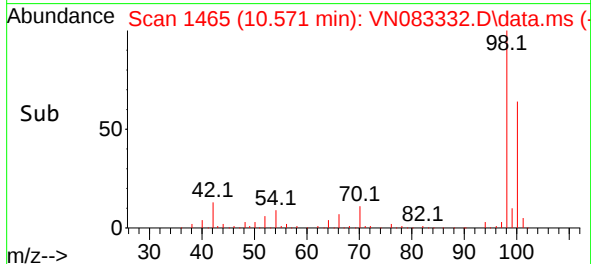
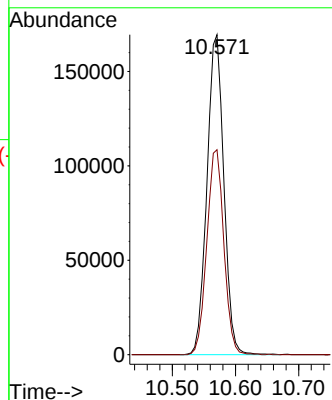
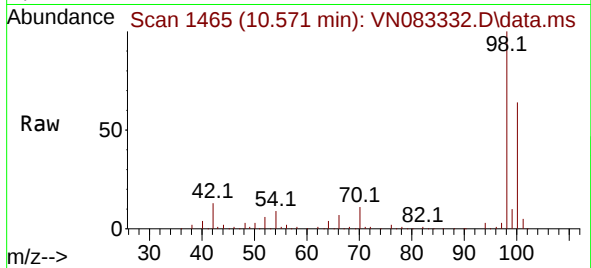




#50
Toluene-d8
Concen: 54.985 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

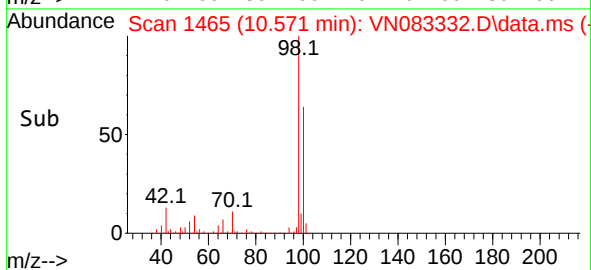
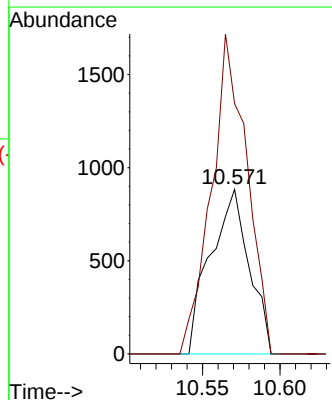
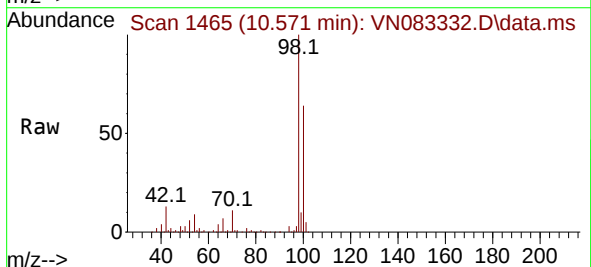
Instrument :
MSVOA_N
ClientSampleId :
VCPS-B2-081424-6W-DUP

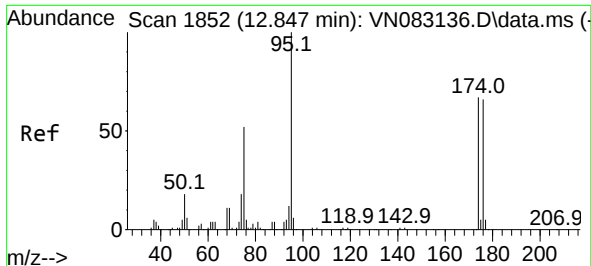
Tgt Ion: 98 Resp: 313878
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.629 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 177.3 28.2 42.4#

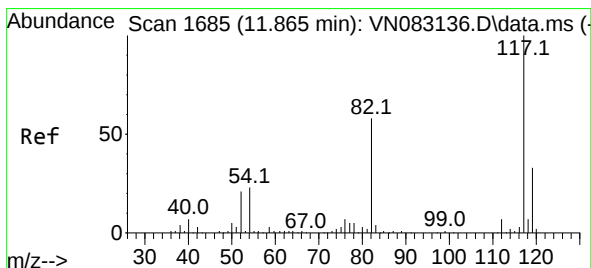
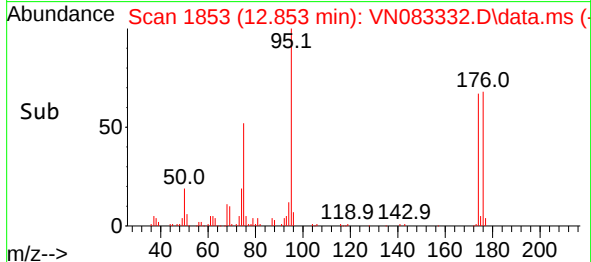
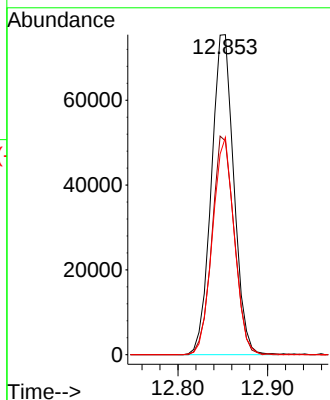
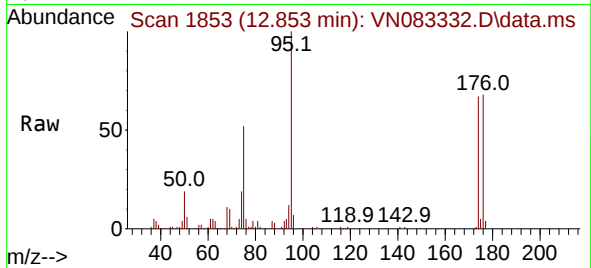




#62
4-Bromofluorobenzene
Concen: 58.935 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

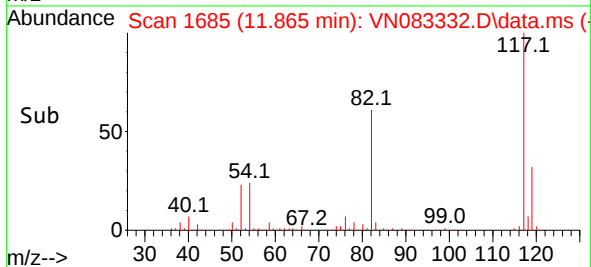
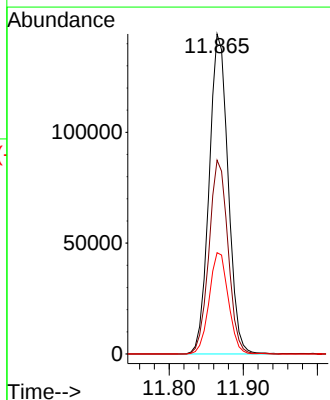
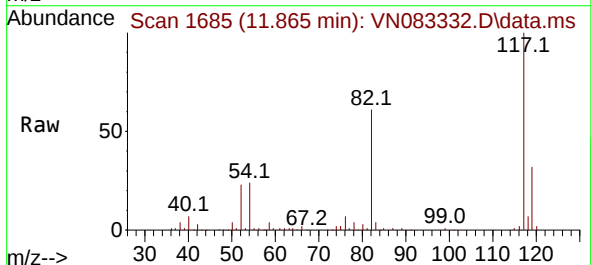
Instrument :
MSVOA_N
ClientSampleId :
VCPS-B2-081424-6W-DUP

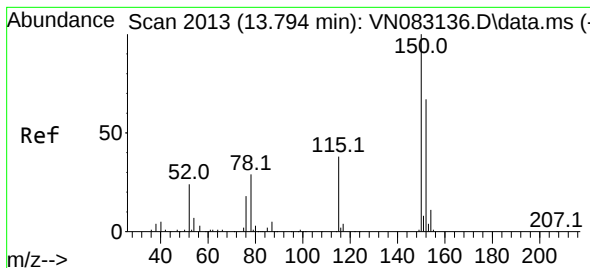
Tgt Ion: 95 Resp: 131157
Ion Ratio Lower Upper
95 100
174 67.8 0.0 159.2
176 66.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 117 Resp: 256611
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.6 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: VN083332.D

Acq: 15 Aug 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

VCPS-B2-081424-6W-DUP

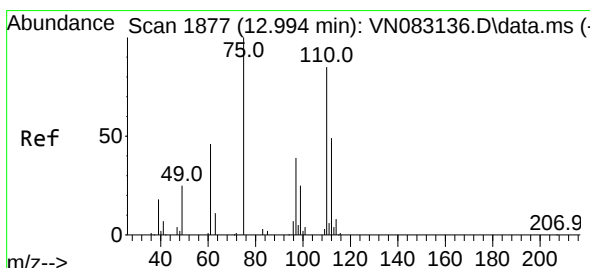
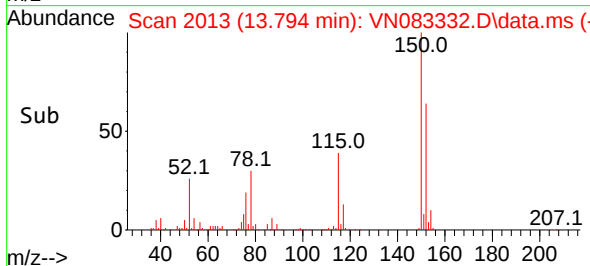
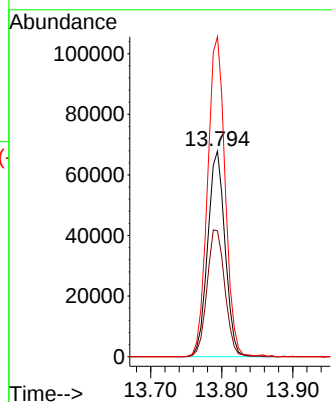
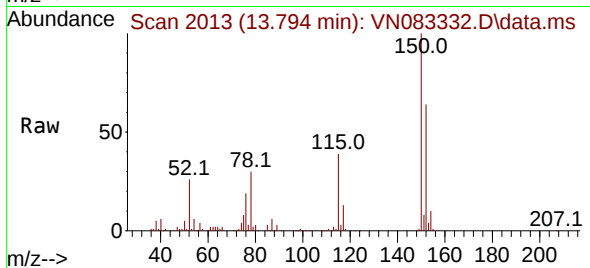
Tgt Ion:152 Resp: 115134

Ion Ratio Lower Upper

152 100

115 63.5 30.6 91.6

150 157.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 28.481 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083332.D

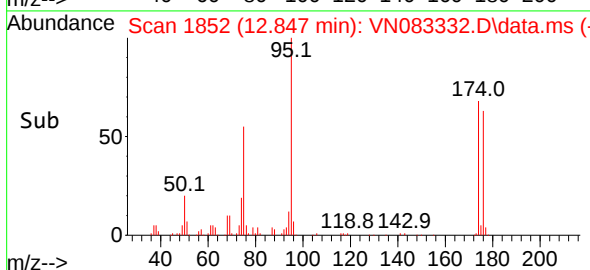
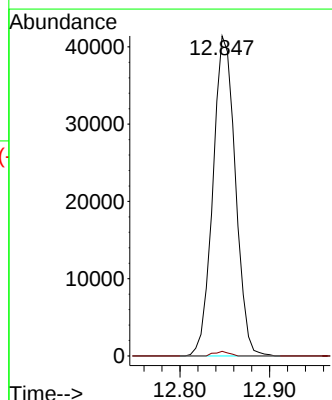
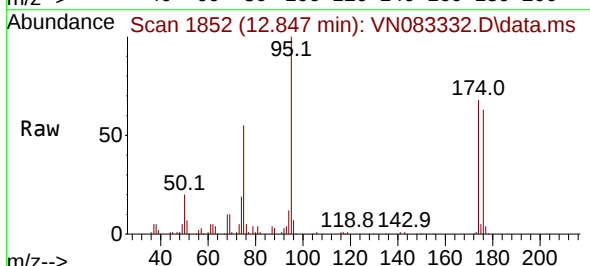
Acq: 15 Aug 2024 15:36

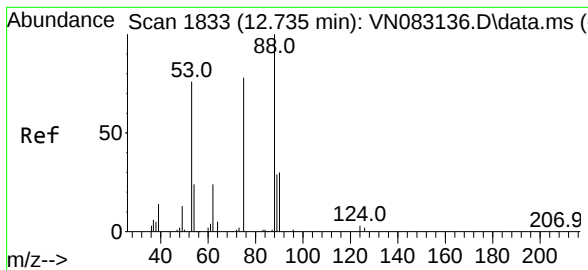
Tgt Ion: 75 Resp: 71968

Ion Ratio Lower Upper

75 100

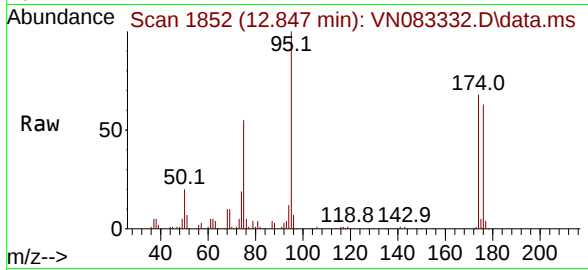
77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.952 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083332.D
 Acq: 15 Aug 2024 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VCPS-B2-081424-6W-DUP



Tgt Ion: 75 Resp: 71968
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

