

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082845.D
 Acq On : 09 Jul 2024 17:35
 Operator : JC\MD
 Sample : P3170-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-DRUMS

Quant Time: Jul 10 01:24:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

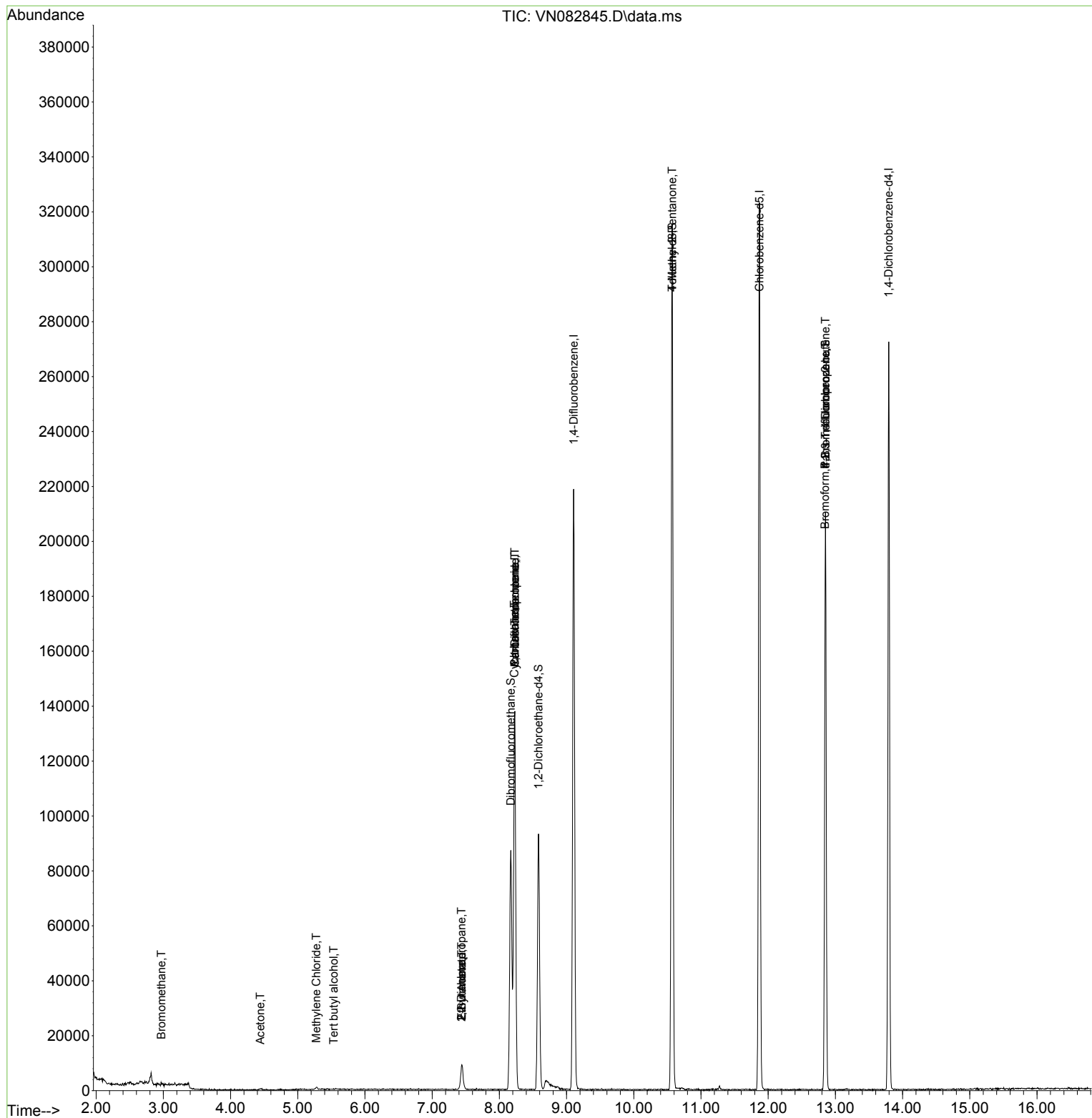
Internal Standards						
1) Pentafluorobenzene	8.229	168	97320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	182897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	177745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	74412	54.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.100%			
35) Dibromofluoromethane	8.171	113	62129	52.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	10.570	98	212149	48.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.853	95	67698	43.478	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 86.960%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	338	0.374	ug/l #	66
11) Tert butyl alcohol	5.536	59	64	0.279	ug/l #	71
16) Acetone	4.441	43	771	1.605	ug/l #	48
20) Methylene Chloride	5.277	84	534	0.460	ug/l #	55
25) 2-Butanone	7.441	43	455	0.627	ug/l #	53
26) 2,2-Dichloropropane	7.435	77	377	0.206	ug/l #	56
31) Cyclohexane	8.224	56	2568	1.440	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	8875	5.485	ug/l #	49
37) Ethyl Acetate	7.441	43	455	0.276	ug/l #	1
38) Carbon Tetrachloride	8.229	117	10856	5.572	ug/l #	20
43) Isopropyl Acetate	8.682	43	1246	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.570	43	1046	0.640	ug/l #	1
71) Bromoform	12.847	173	298	0.280	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	38445	31.437	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38445	61.828	ug/l #	6

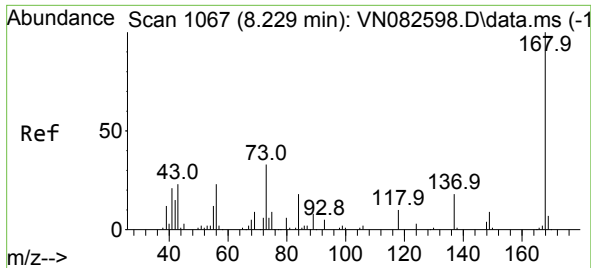
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN082845.D
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Sample : P3170-05 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

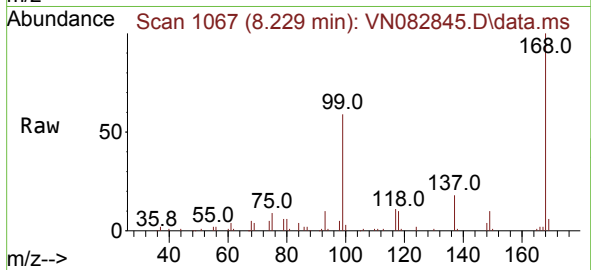
Quant Time: Jul 10 01:24:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



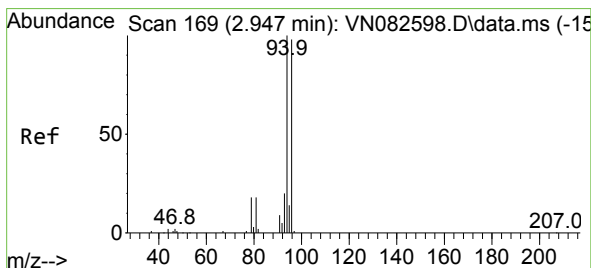
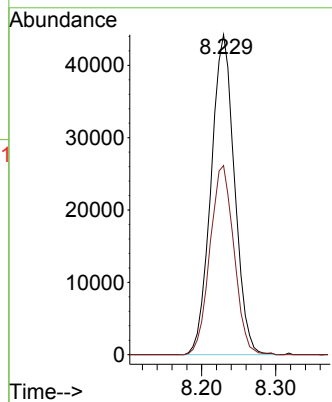
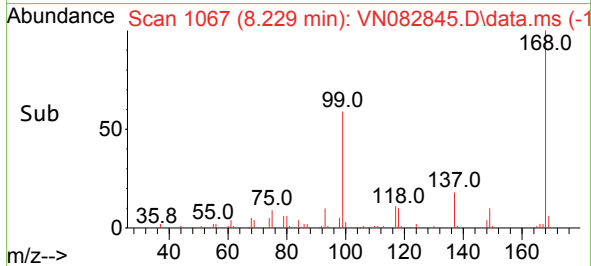


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

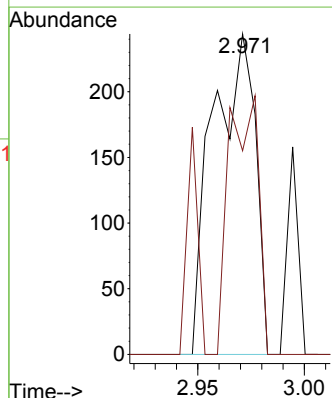
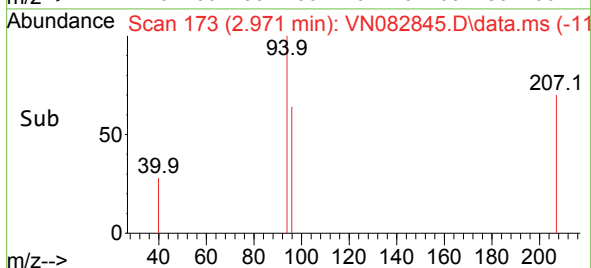
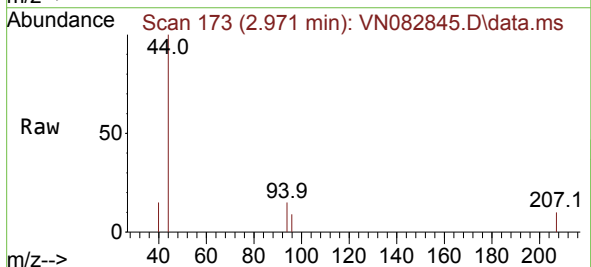


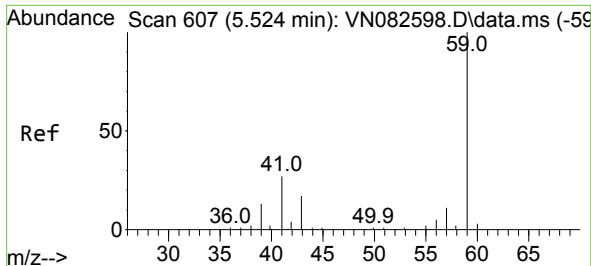
Tgt Ion:168 Resp: 97320
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#5
Bromomethane
Concen: 0.374 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

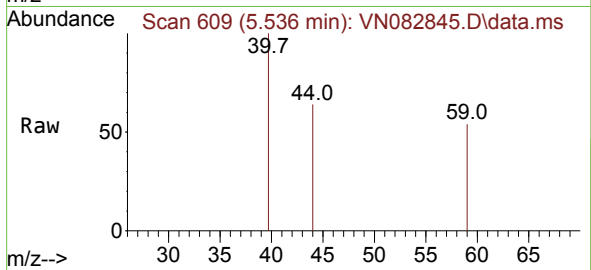
Tgt Ion: 94 Resp: 338
Ion Ratio Lower Upper
94 100
96 63.5 78.0 117.0#



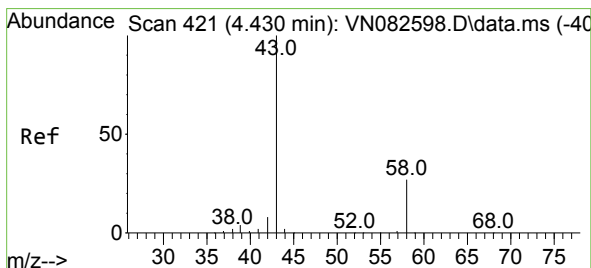
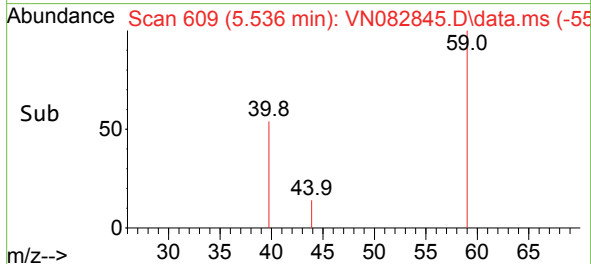
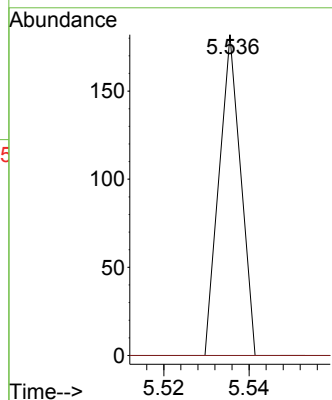


#11
Tert butyl alcohol
Concen: 0.279 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

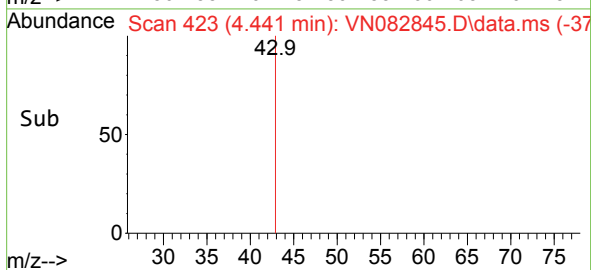
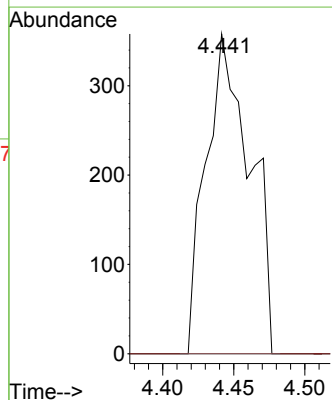
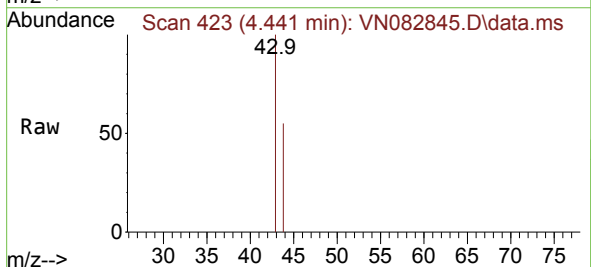


Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 1.605 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#20

Methylene Chloride

Concen: 0.460 ug/l

RT: 5.277 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN082845.D

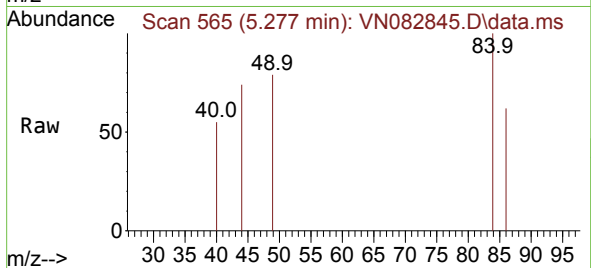
Acq: 09 Jul 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

WATER-DRUMS



Tgt Ion: 84 Resp: 534

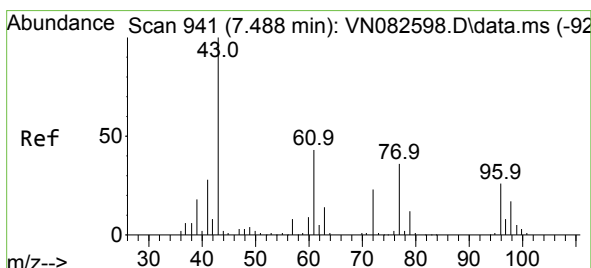
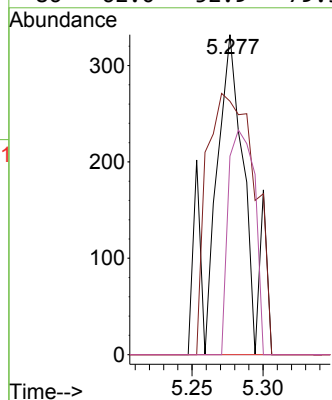
Ion Ratio Lower Upper

84 100

49 79.2 119.6 179.4#

51 0.0 34.8 52.2#

86 62.0 52.9 79.3



#25

2-Butanone

Concen: 0.627 ug/l

RT: 7.441 min Scan# 933

Delta R.T. -0.047 min

Lab File: VN082845.D

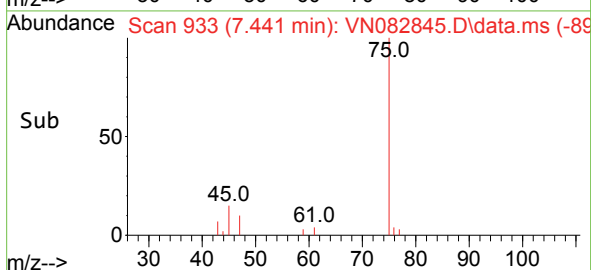
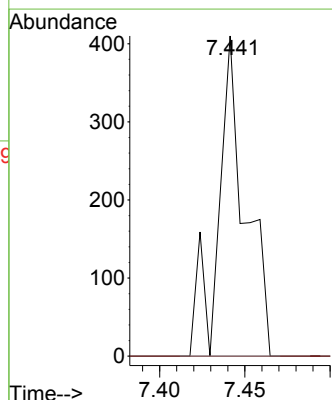
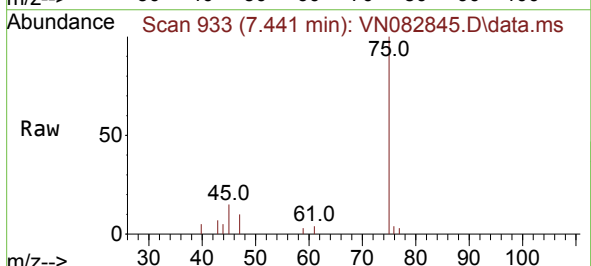
Acq: 09 Jul 2024 17:35

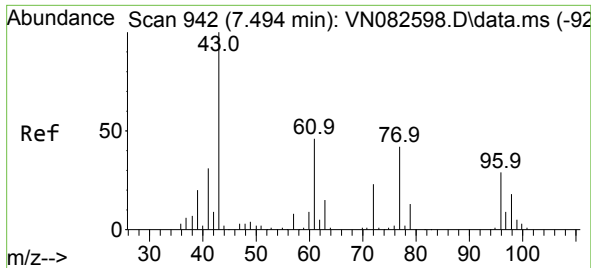
Tgt Ion: 43 Resp: 455

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#

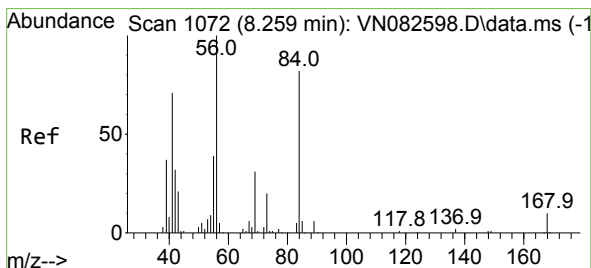
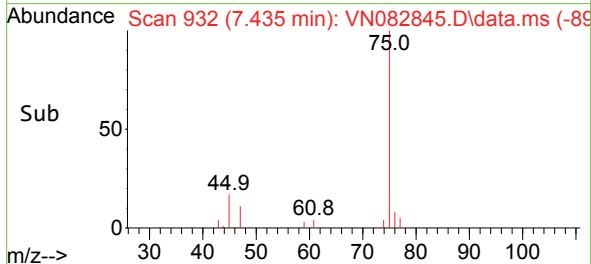
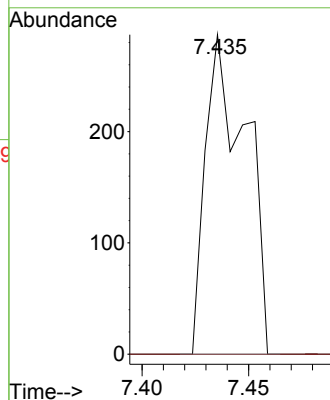
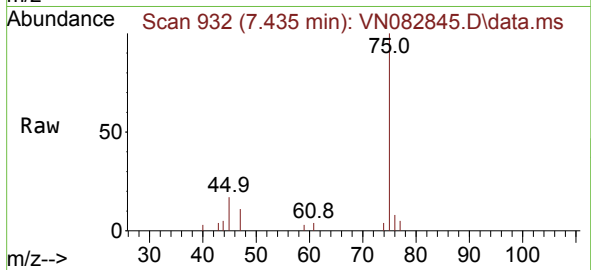




#26
2,2-Dichloropropane
Concen: 0.206 ug/l
RT: 7.435 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

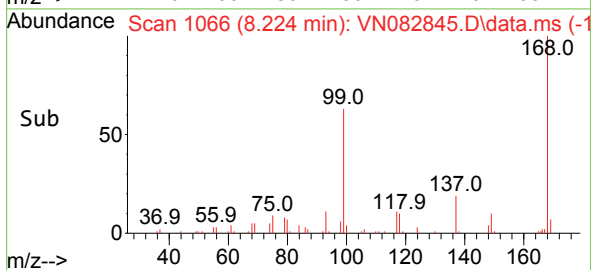
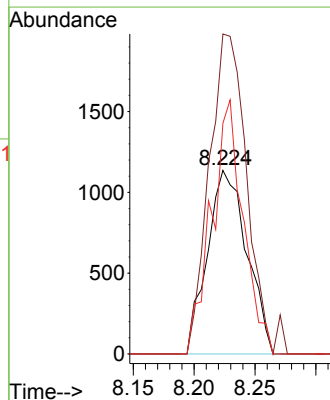
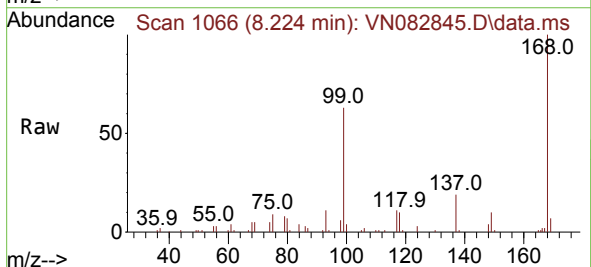
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

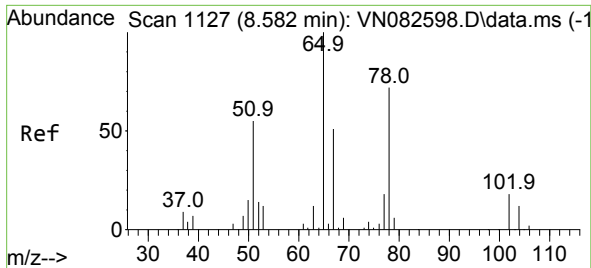
Tgt Ion: 77 Resp: 377
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#31
Cyclohexane
Concen: 1.440 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion: 56 Resp: 2568
Ion Ratio Lower Upper
56 100
69 174.3 24.5 36.7#
84 125.7 66.0 99.0#

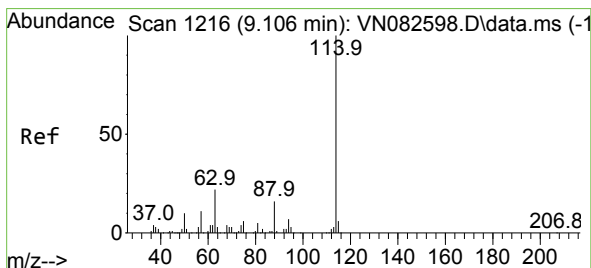
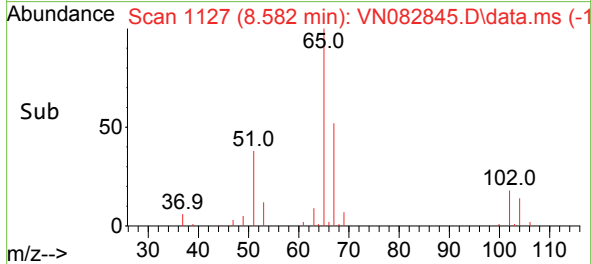
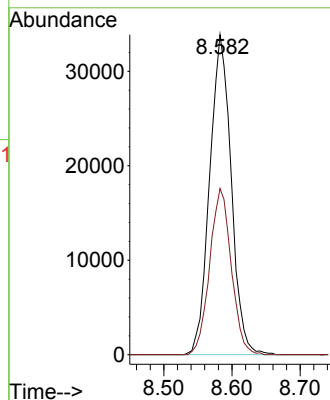
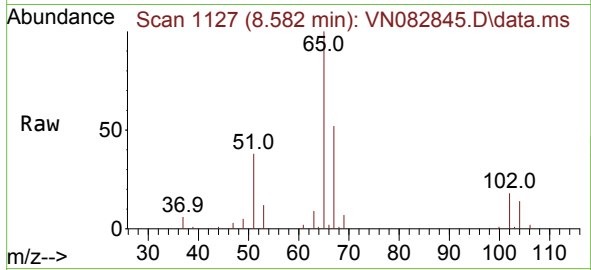




#33
 1,2-Dichloroethane-d4
 Concen: 54.545 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082845.D
 Acq: 09 Jul 2024 17:35

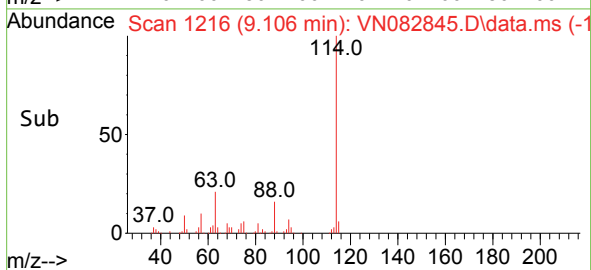
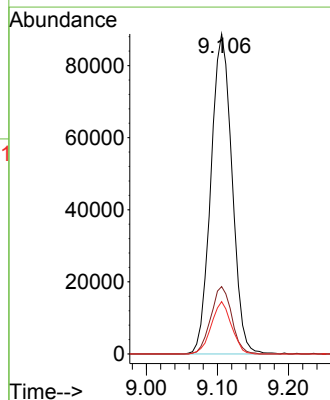
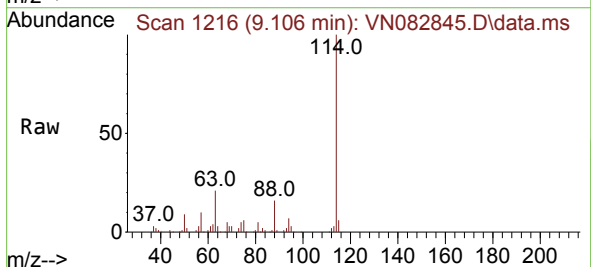
Instrument :
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 ClientSampleId :
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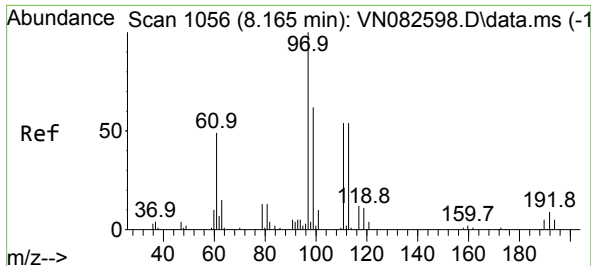
Tgt Ion: 65 Resp: 74412
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082845.D
 Acq: 09 Jul 2024 17:35

Tgt Ion: 114 Resp: 182897
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 44.6
 88 16.4 0.0 31.4

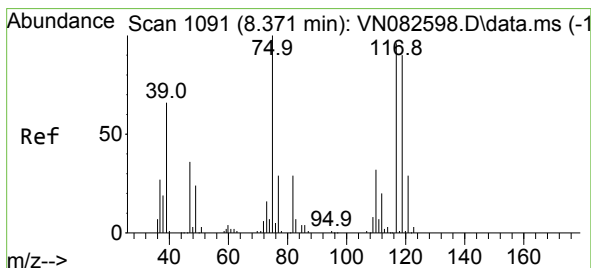
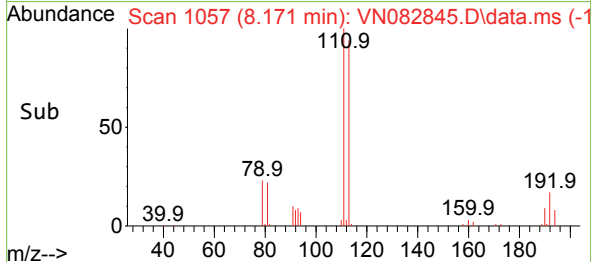
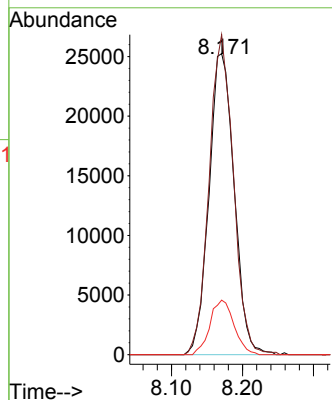
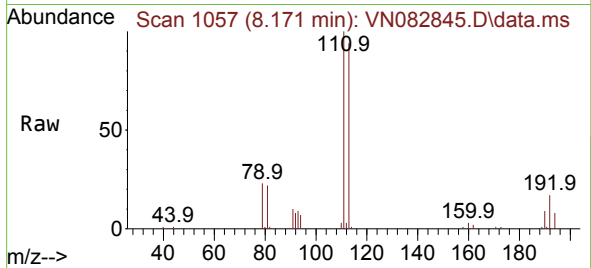




#35
Dibromofluoromethane
Concen: 52.939 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

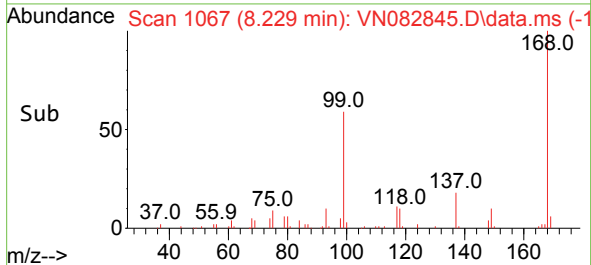
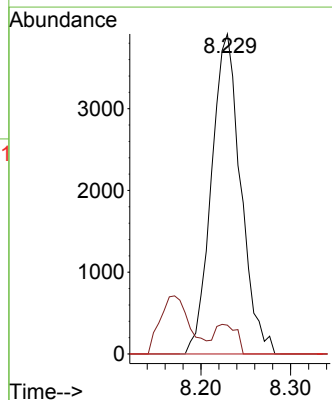
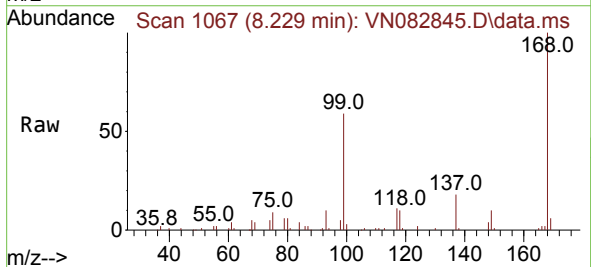
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

Tgt Ion:113 Resp: 62129
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.485 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion: 75 Resp: 8875
Ion Ratio Lower Upper
75 100
110 7.2 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.276 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.124 min

Lab File: VN082845.D

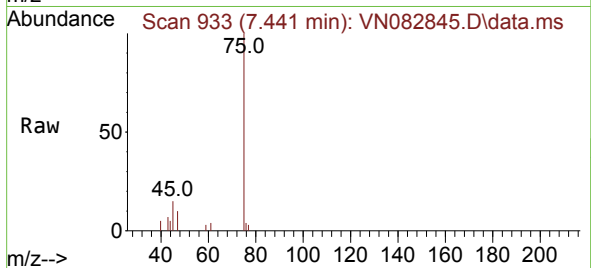
Acq: 09 Jul 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

WATER-DRUMS



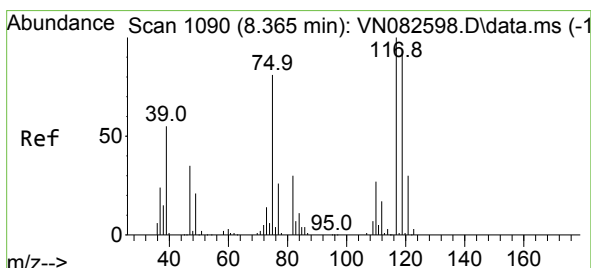
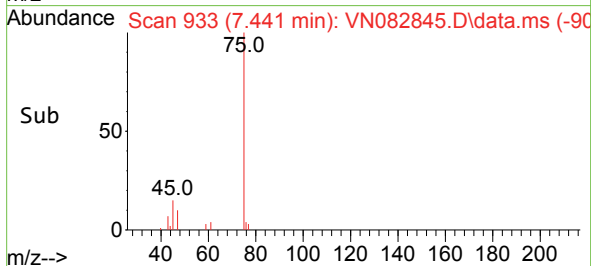
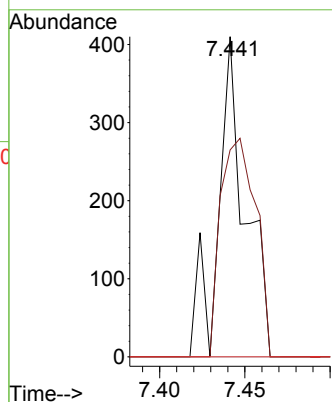
Tgt Ion: 43 Resp: 455

Ion Ratio Lower Upper

43 100

61 89.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.572 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

Lab File: VN082845.D

Acq: 09 Jul 2024 17:35

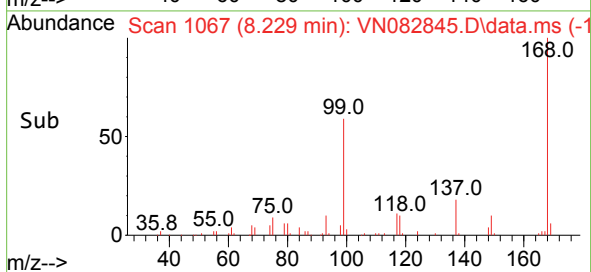
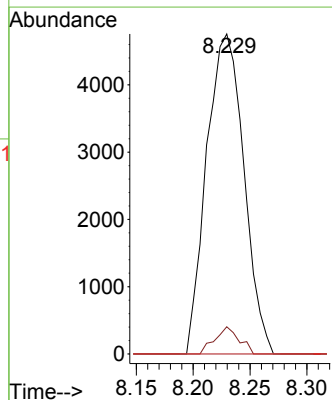
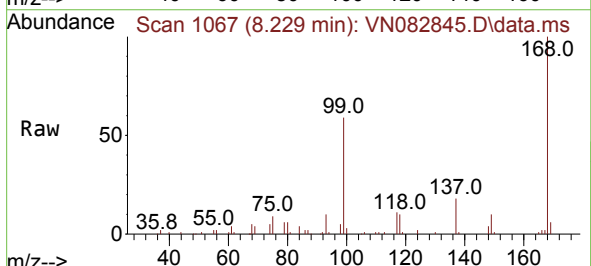
Tgt Ion: 117 Resp: 10856

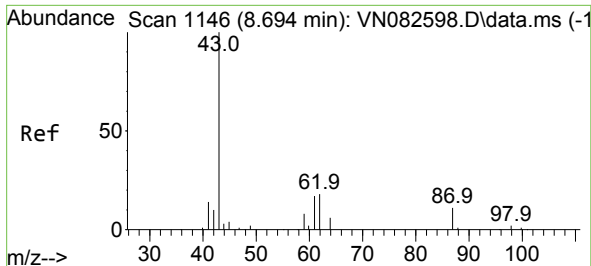
Ion Ratio Lower Upper

117 100

119 8.5 74.9 112.3#

121 0.0 24.3 36.5#

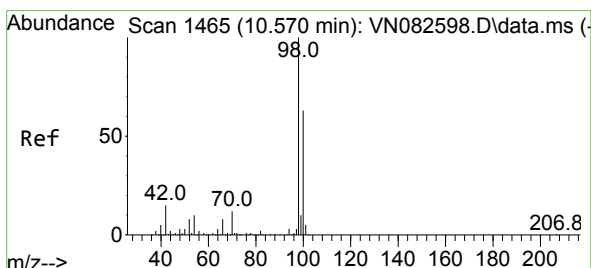
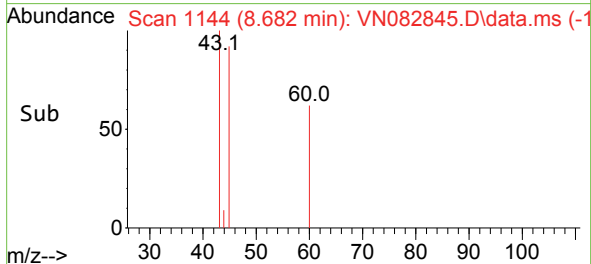
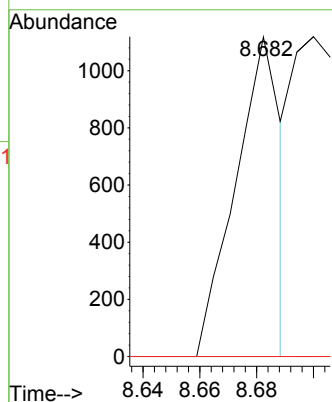
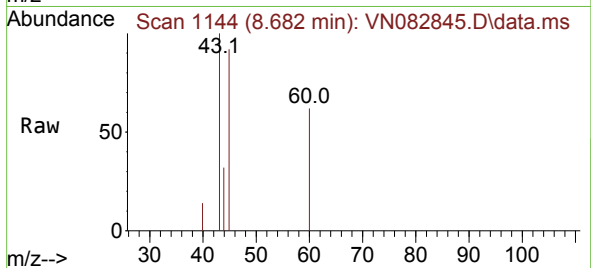




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

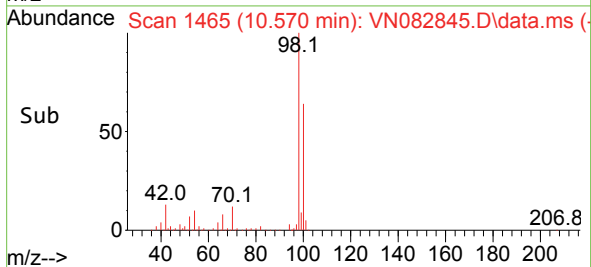
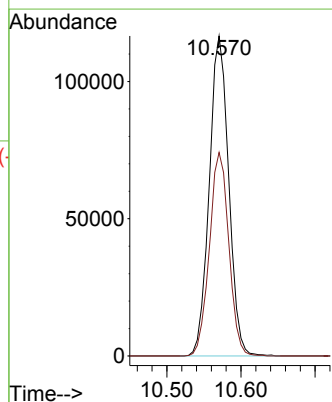
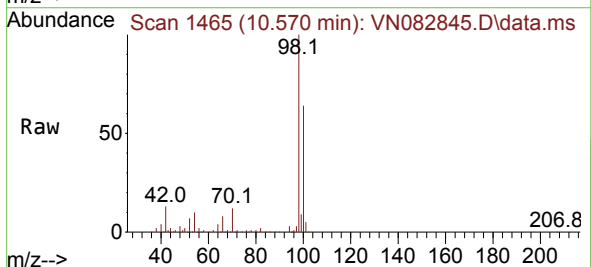
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

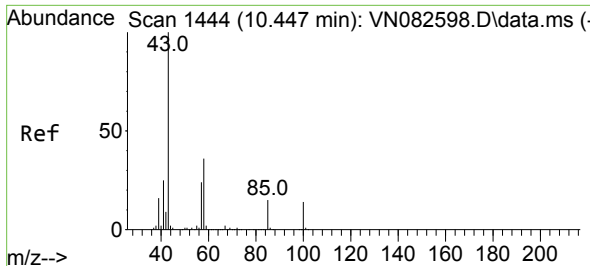
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.942 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion: 98 Resp: 212149
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3

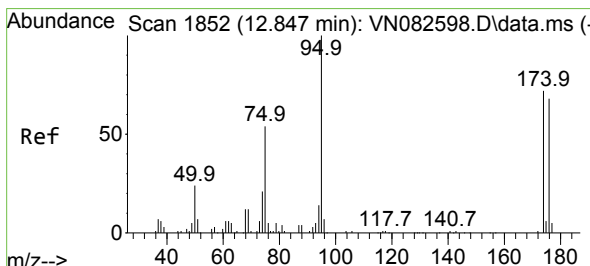
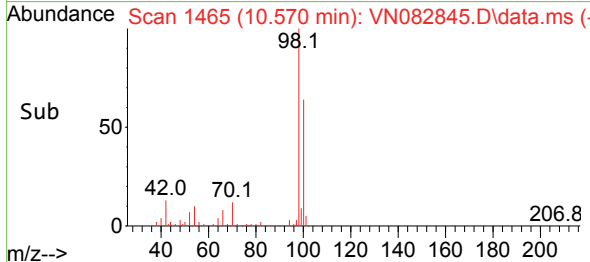
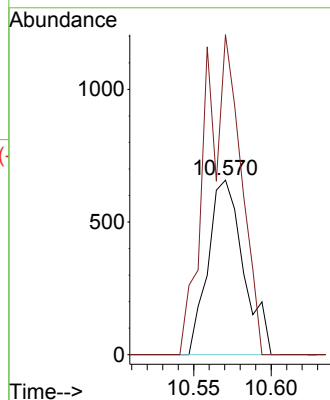
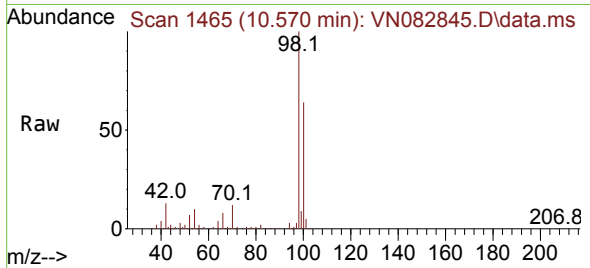




#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 10.570 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

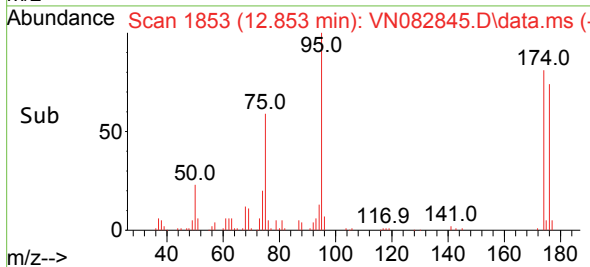
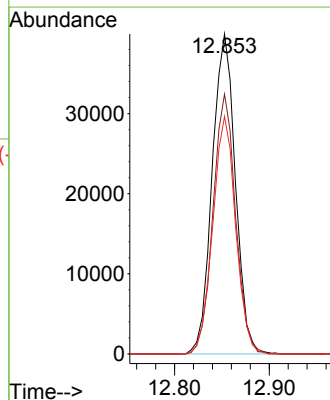
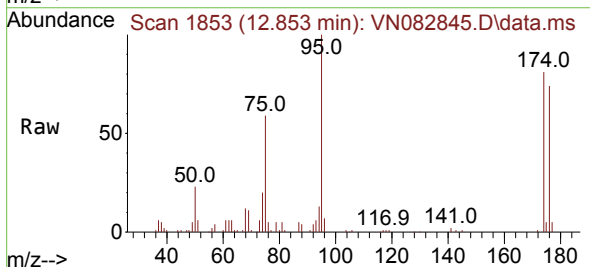
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

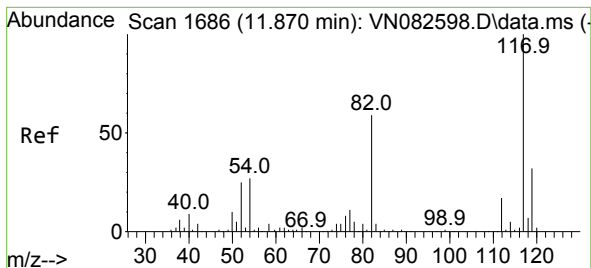
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
58 184.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 43.478 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion: 95 Resp: 67698
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 73.5 0.0 147.6

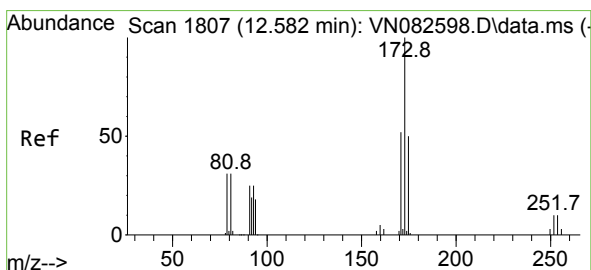
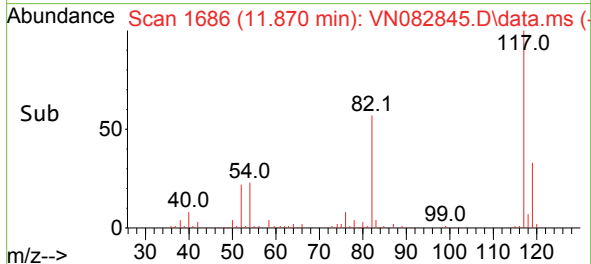
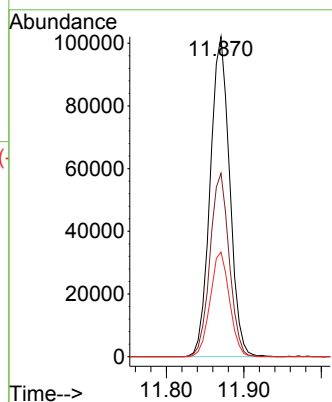
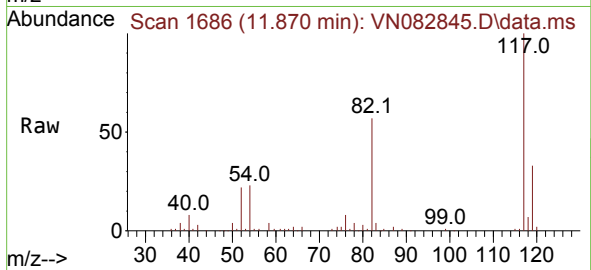




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117745
Delta R.T. 0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

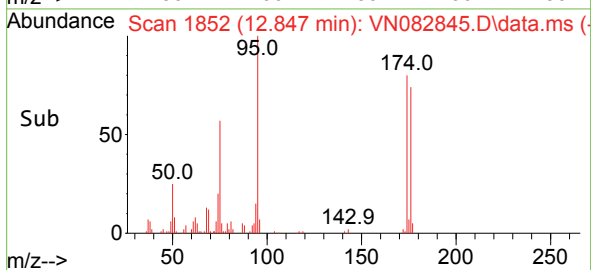
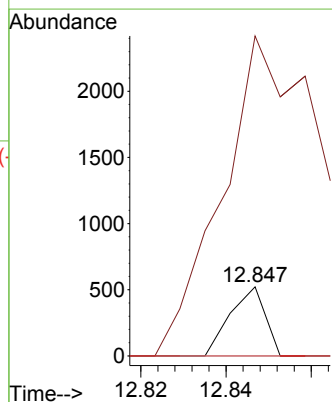
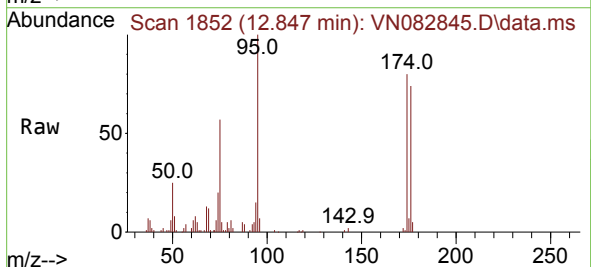
Instrument :
MSVOA_N
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WATER-DRUMS

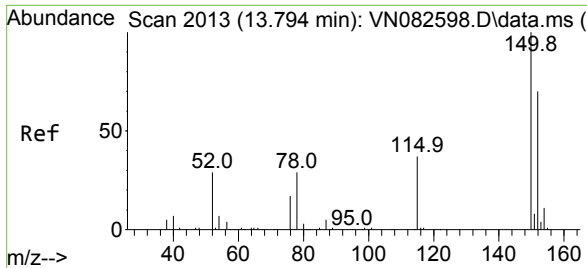
Tgt Ion:117 Resp: 177745
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 32.7 25.6 38.4



#71
Bromoform
Concen: 0.280 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion:173 Resp: 298
Ion Ratio Lower Upper
173 100
175 825.8 24.0 72.0#
254 0.0 0.0 0.0

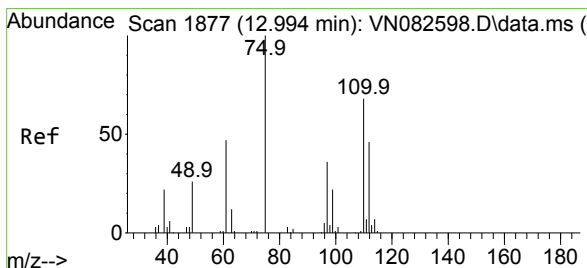
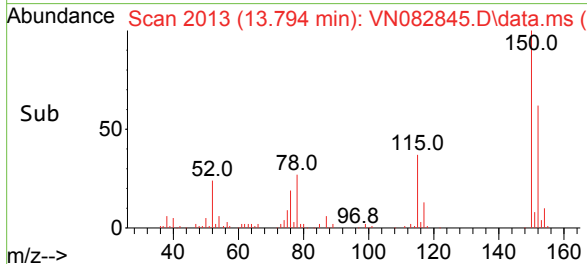
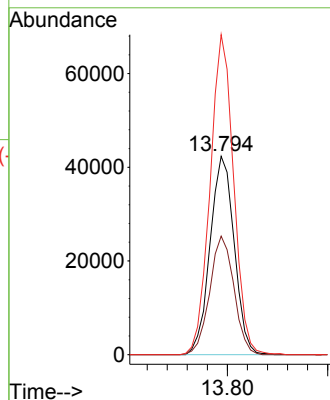
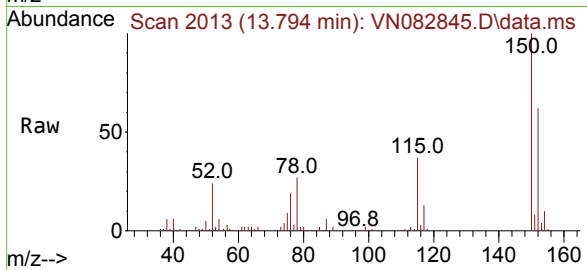




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

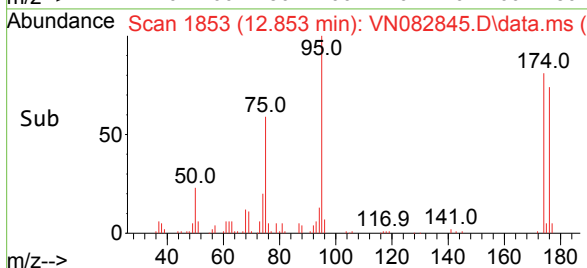
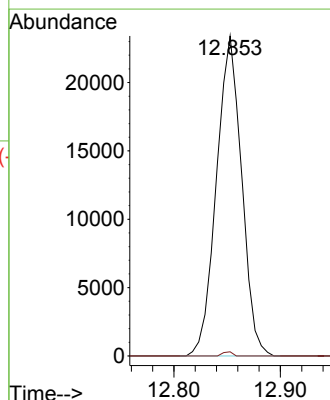
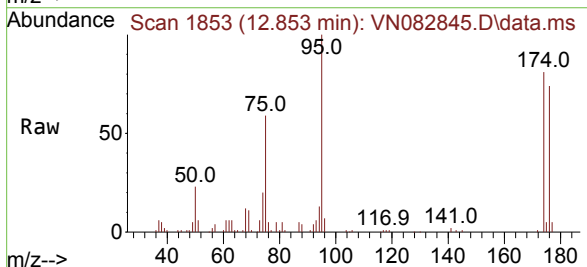
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

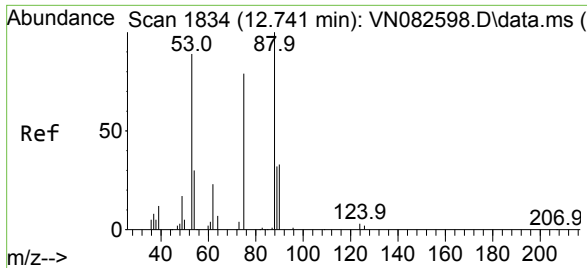
Tgt Ion:152 Resp: 70932
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 156.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 31.437 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion: 75 Resp: 38445
Ion Ratio Lower Upper
75 100
77 0.5 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.828 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082845.D
 Acq: 09 Jul 2024 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-DRUMS

Tgt Ion: 75 Resp: 38445
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

