

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074667.D
 Acq On : 30 Sep 2022 15:16
 Operator : JC\MD
 Sample : N4793-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 03 02:06:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.933	168	582867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1147304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	1184800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	530179	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	758318	51.911	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.820%	
35) Dibromofluoromethane	7.869	113	609744	50.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.420%	
50) Toluene-d8	10.310	98	2431565	47.603	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.200%	
62) 4-Bromofluorobenzene	12.604	95	797991	49.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.540%	

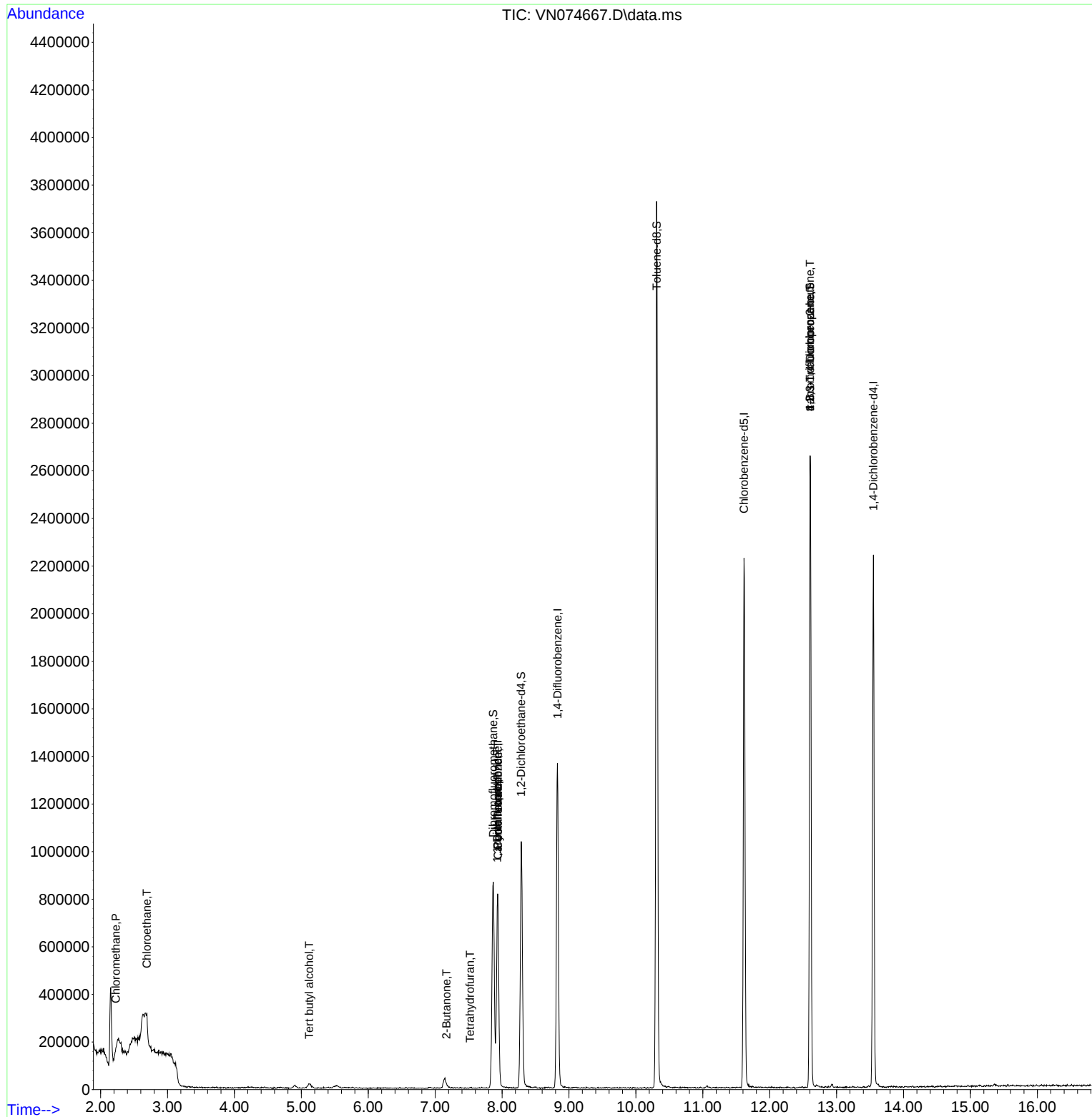
Target Compounds			Qvalue			
3) Chloromethane	2.228	50	5410	0.303	ug/l #	60
6) Chloroethane	2.693	64	24786	1.244	ug/l #	46
8) Diethyl Ether	3.593	74	283	Below Cal	#	1
11) Tert butyl alcohol	5.116	59	11055	2.834	ug/l #	76
13) Acrolein	3.898	56	713	Below Cal	#	58
16) Acetone	4.093	43	195	Below Cal	#	42
20) Methylene Chloride	4.904	84	6487	Below Cal	#	66
25) 2-Butanone	7.169	43	11882	0.884	ug/l #	63
29) Tetrahydrofuran	7.522	42	2829	0.319	ug/l #	34
31) Cyclohexane	7.933	56	17588	0.741	ug/l #	59
36) 1,1-Dichloropropene	7.928	75	54254	2.790	ug/l #	44
38) Carbon Tetrachloride	7.939	117	62388	3.502	ug/l #	17
74) N-amyl acetate	12.274	43	1592	Below Cal	#	60
75) 1,1,2,2-Tetrachloroethane	12.715	83	436	Below Cal	#	40
76) 1,2,3-Trichloropropane	12.604	75	482132	40.223	ug/l #	1
77) Bromobenzene	12.739	156	189	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.604	75	482132	75.994	ug/l #	10

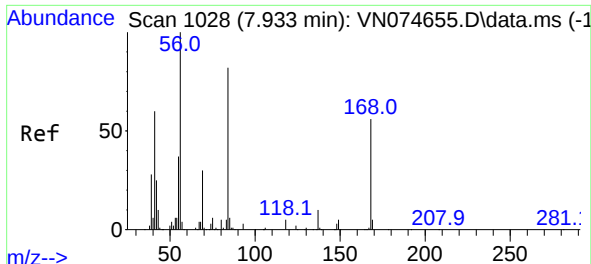
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 02:06:03 2022
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Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:44:59 2022
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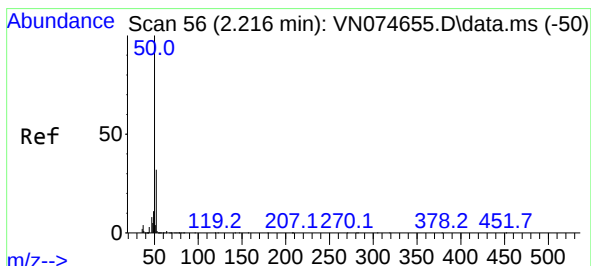
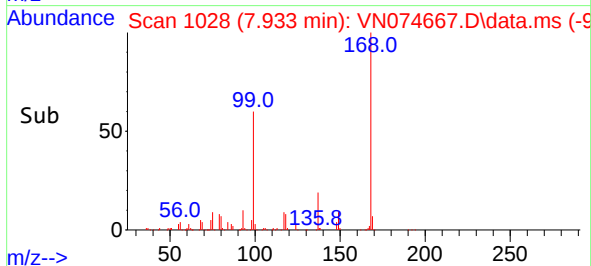
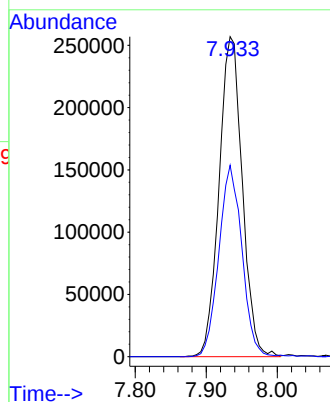
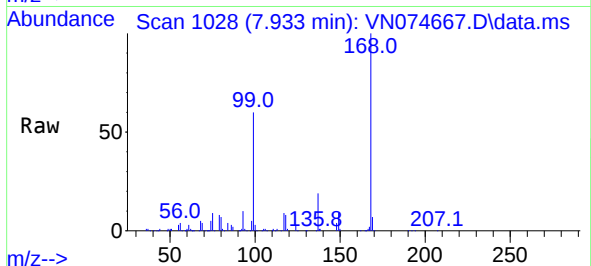




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

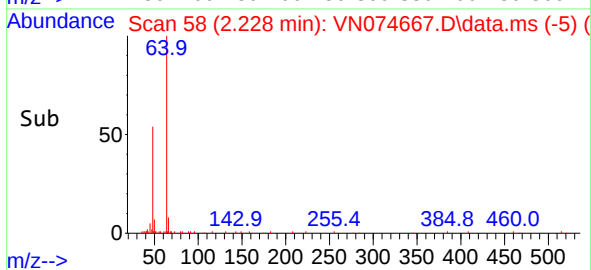
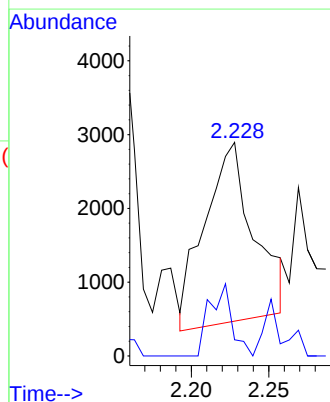
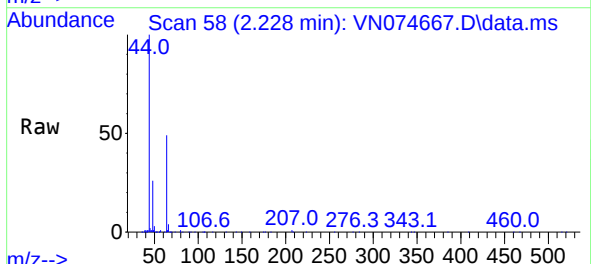
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

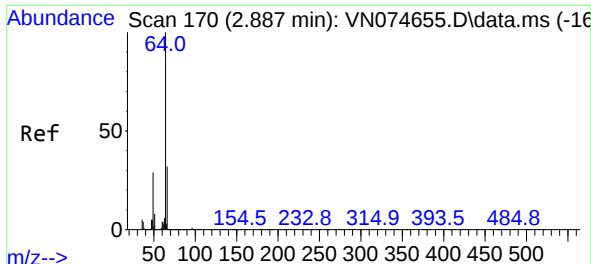
Tgt Ion:168 Resp: 582867
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#3
Chloromethane
Concen: 0.303 ug/l
RT: 2.228 min Scan# 58
Delta R.T. 0.012 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 50 Resp: 5410
Ion Ratio Lower Upper
50 100
52 9.5 25.7 38.5#

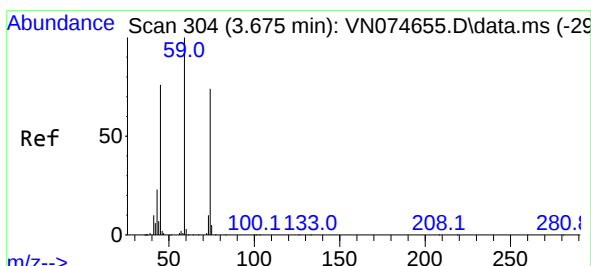
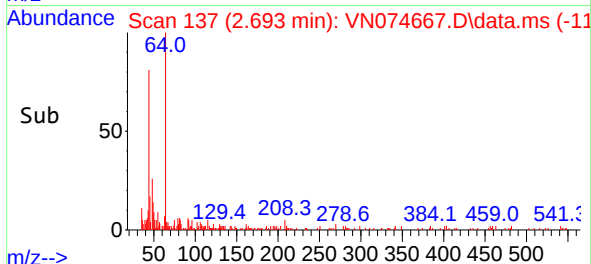
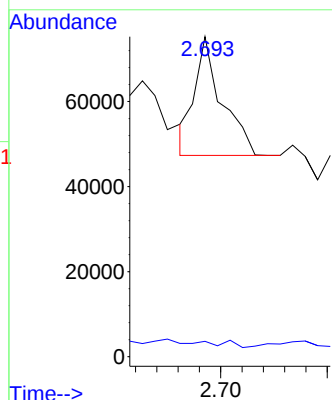
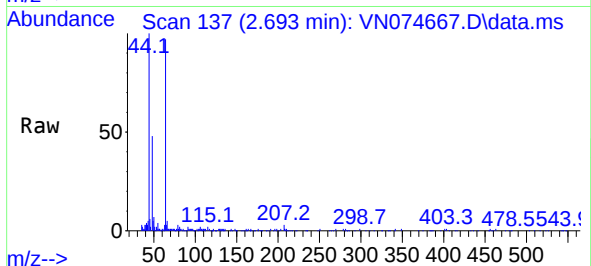




#6
Chloroethane
Concen: 1.244 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.194 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

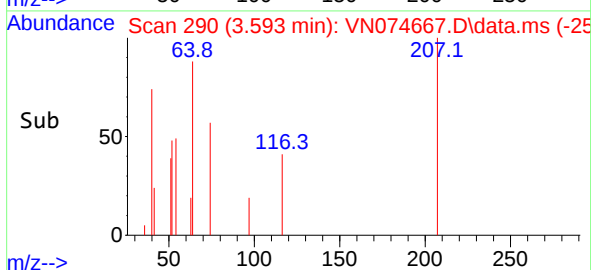
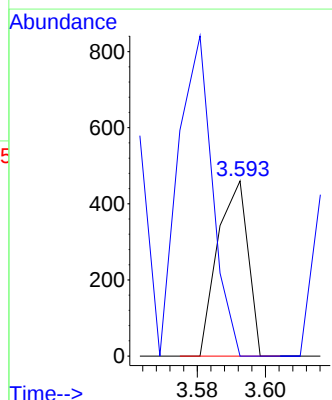
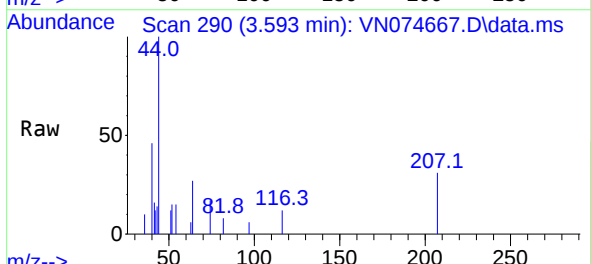
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

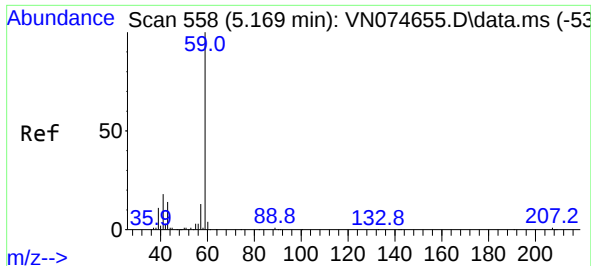
Tgt Ion: 64 Resp: 24786
Ion Ratio Lower Upper
64 100
66 2.3 26.2 39.4#



#8
Diethyl Ether
Concen: Below Cal
RT: 3.593 min Scan# 290
Delta R.T. -0.082 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 74 Resp: 283
Ion Ratio Lower Upper
74 100
45 206.0 42.9 128.5#

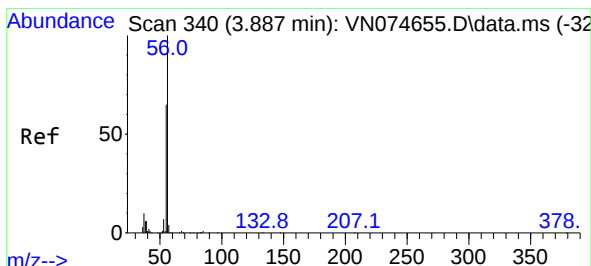
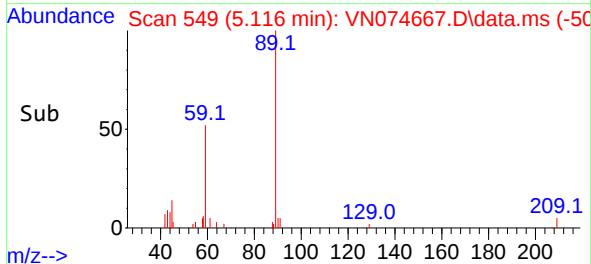
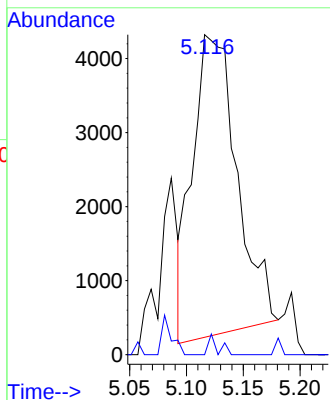
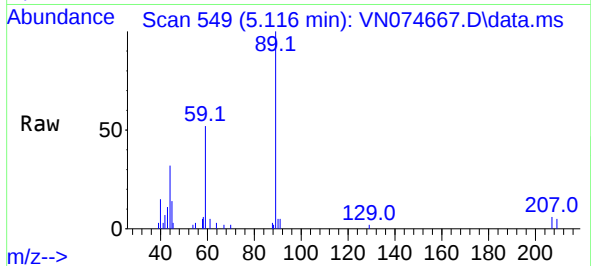




#11
Tert butyl alcohol
Concen: 2.834 ug/l
RT: 5.116 min Scan# 54
Delta R.T. -0.053 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

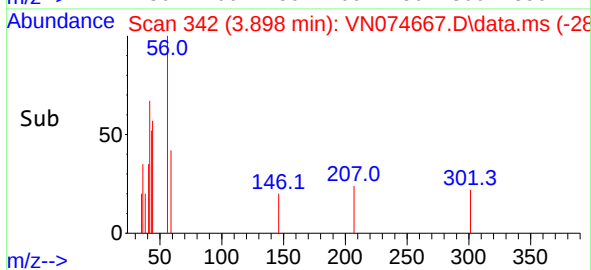
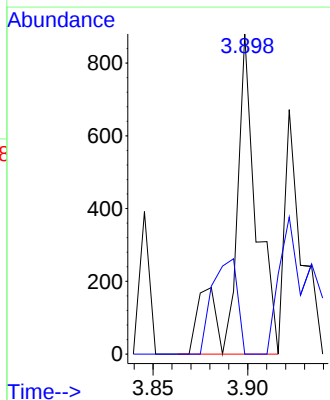
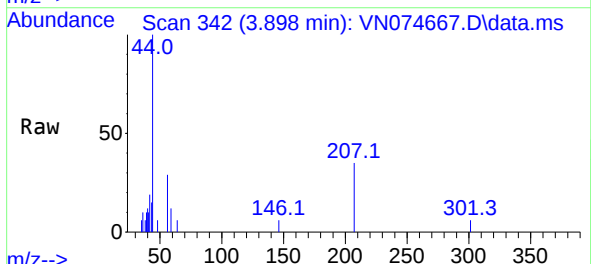
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

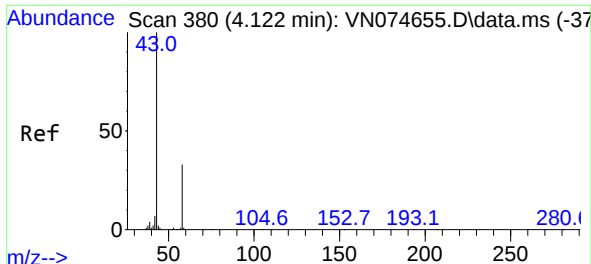
Tgt Ion: 59 Resp: 11055
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#



#13
Acrolein
Concen: Below Cal
RT: 3.898 min Scan# 342
Delta R.T. 0.011 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 56 Resp: 713
Ion Ratio Lower Upper
56 100
55 34.2 54.8 82.2#

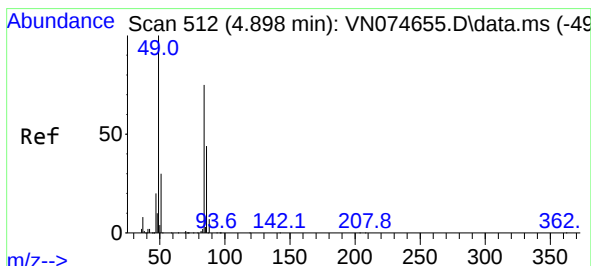
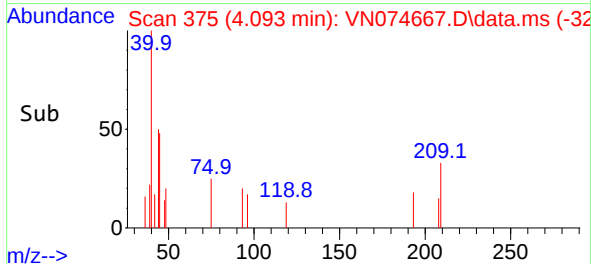
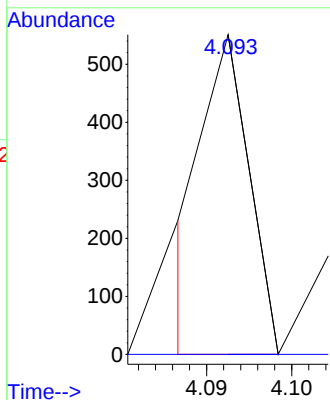
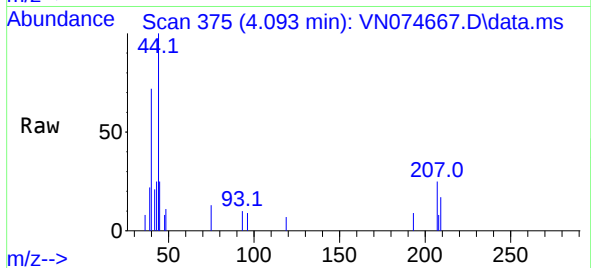




#16
Acetone
Concen: Below Cal
RT: 4.093 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

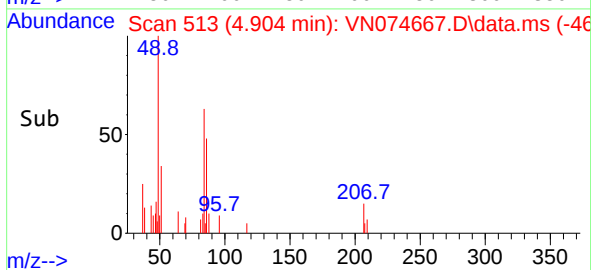
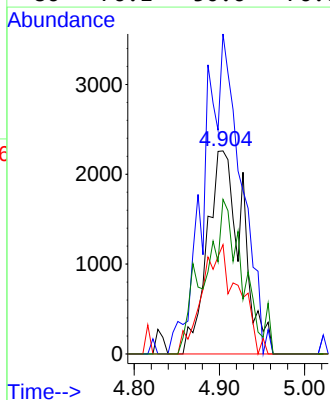
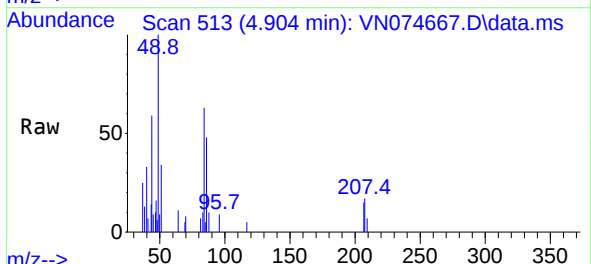
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

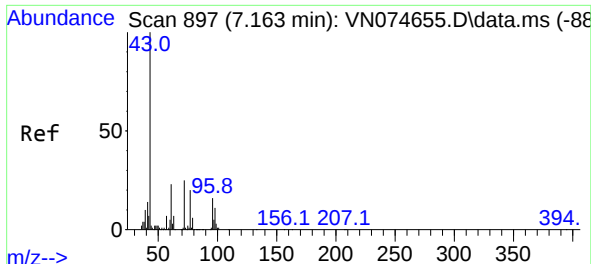
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.904 min Scan# 513
Delta R.T. 0.006 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 84 Resp: 6487
Ion Ratio Lower Upper
84 100
49 157.6 88.3 132.5#
51 53.8 28.2 42.2#
86 76.1 50.6 76.0#

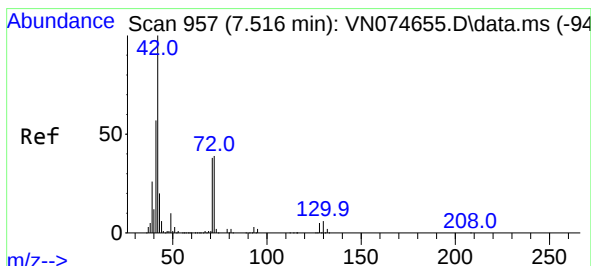
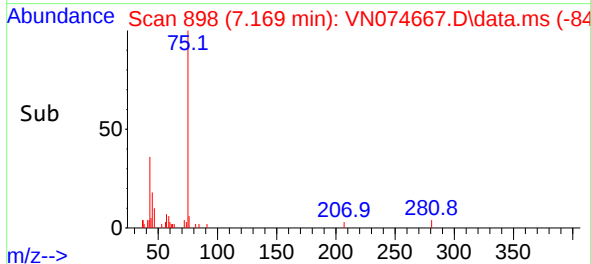
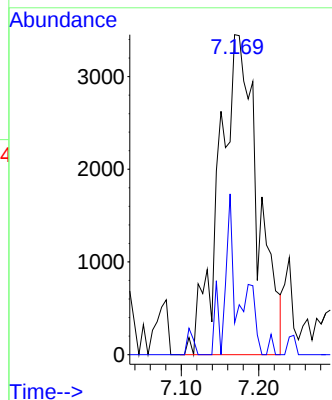
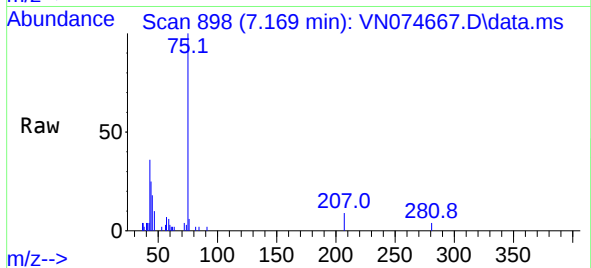




#25
2-Butanone
Concen: 0.884 ug/l
RT: 7.169 min Scan# 897
Delta R.T. 0.006 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

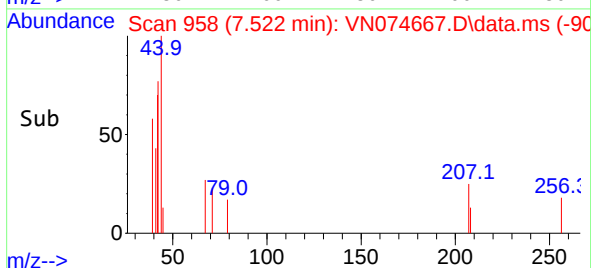
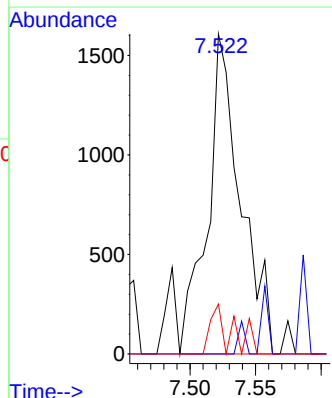
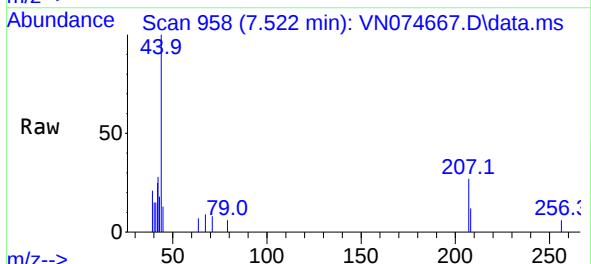
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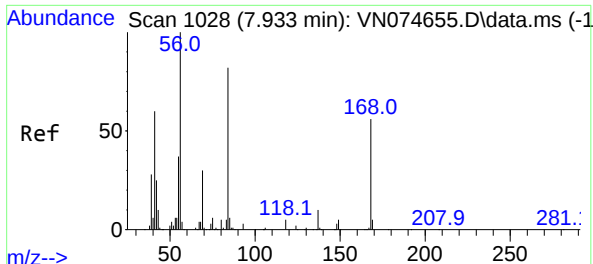
Tgt Ion: 43 Resp: 11882
Ion Ratio Lower Upper
43 100
72 9.9 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.319 ug/l
RT: 7.522 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 42 Resp: 2829
Ion Ratio Lower Upper
42 100
72 2.1 39.7 59.5#
71 5.3 36.6 55.0#

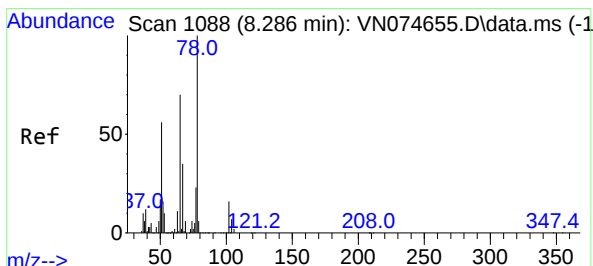
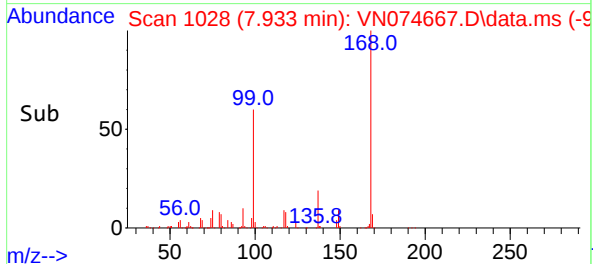
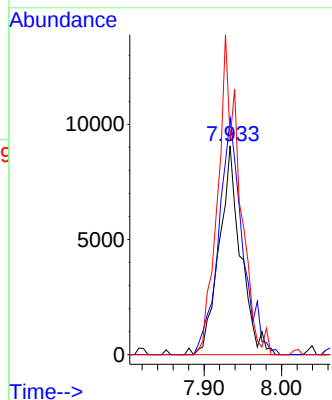
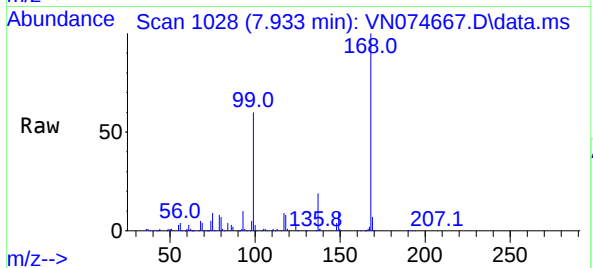




#31
Cyclohexane
Concen: 0.741 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

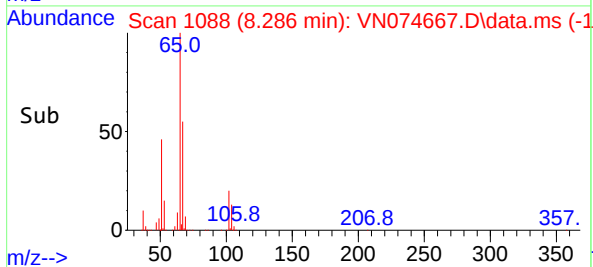
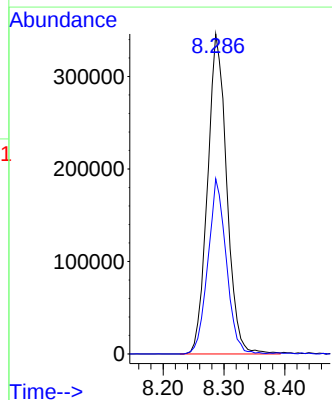
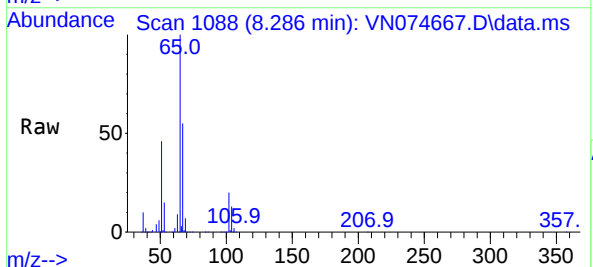
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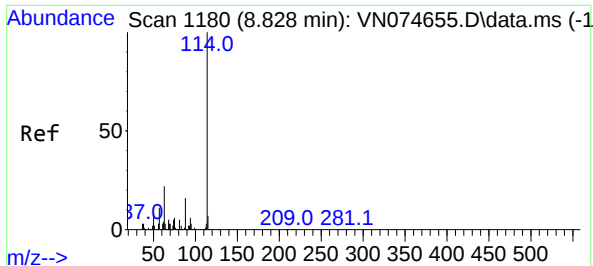
Tgt Ion: 56 Resp: 17588
Ion Ratio Lower Upper
56 100
69 113.2 27.8 41.8#
84 103.0 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 51.911 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 65 Resp: 758318
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074667.D

Acq: 30 Sep 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

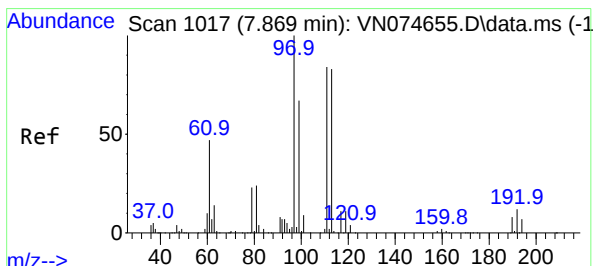
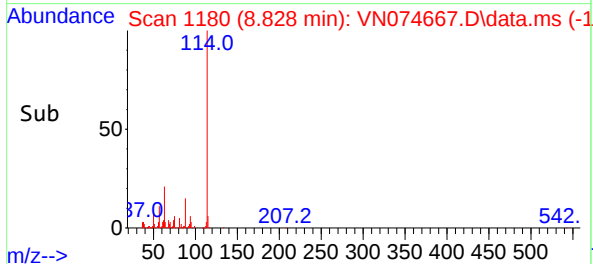
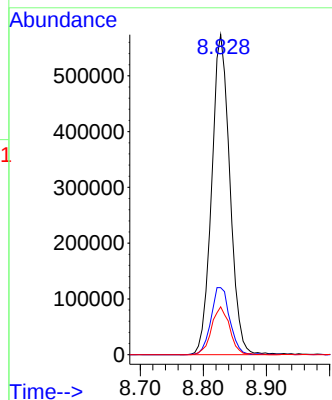
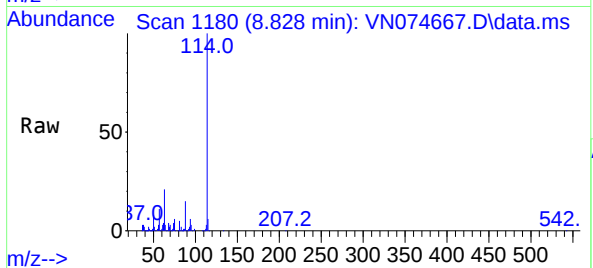
Tgt Ion:114 Resp: 1147304

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.211 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074667.D

Acq: 30 Sep 2022 15:16

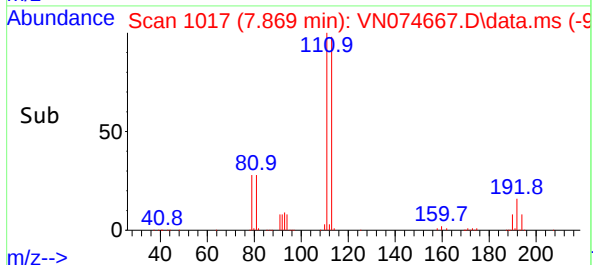
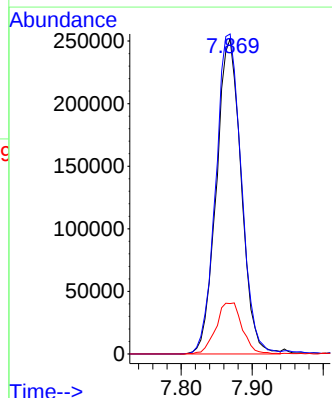
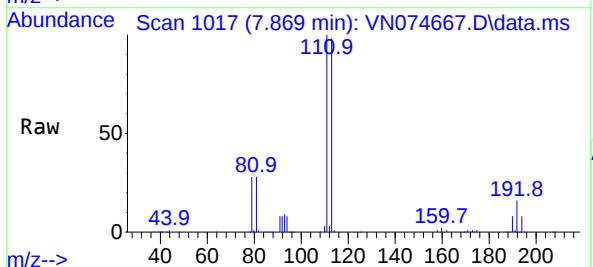
Tgt Ion:113 Resp: 609744

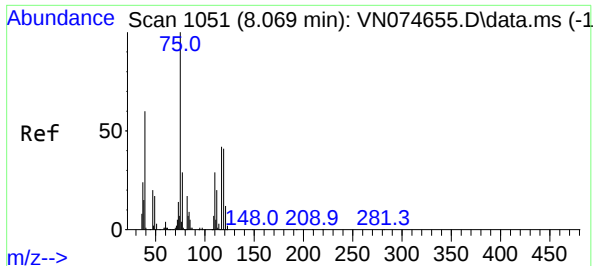
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 17.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 2.790 ug/l

RT: 7.928 min Scan# 1027

Delta R.T. -0.141 min

Lab File: VN074667.D

Acq: 30 Sep 2022 15:16

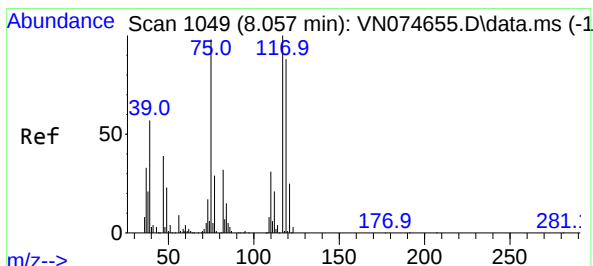
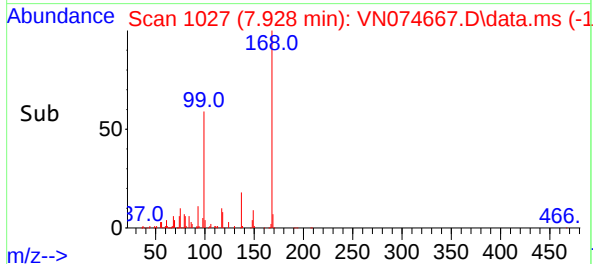
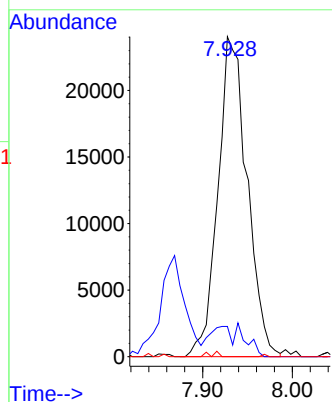
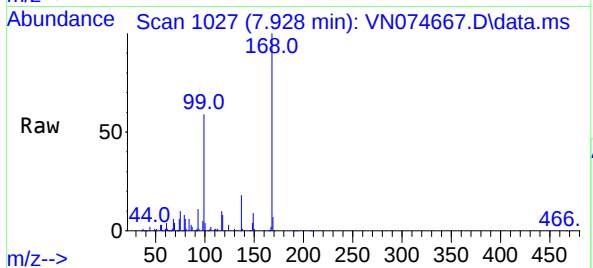
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tgt Ion:	75	Resp:	54254
Ion Ratio	Lower	Upper	
75	100		
110	4.2	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 3.502 ug/l

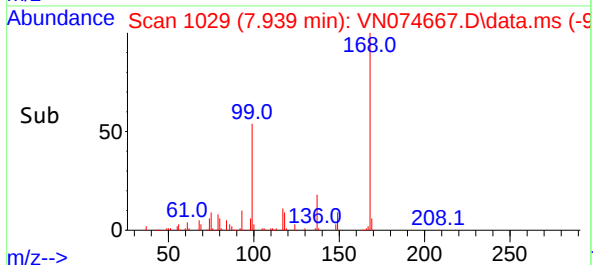
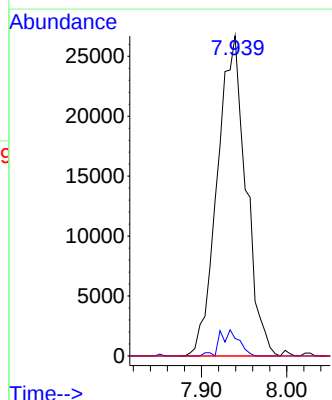
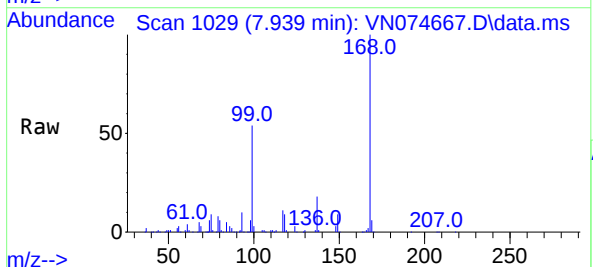
RT: 7.939 min Scan# 1029

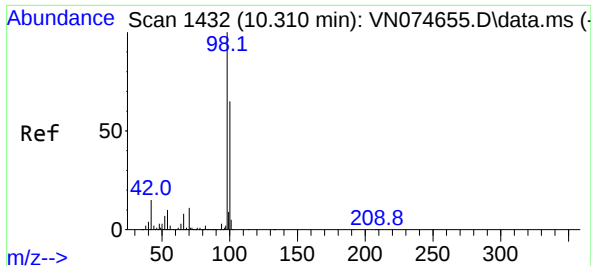
Delta R.T. -0.118 min

Lab File: VN074667.D

Acq: 30 Sep 2022 15:16

Tgt Ion:	117	Resp:	62388
Ion Ratio	Lower	Upper	
117	100		
119	5.4	75.8	113.8#
121	0.0	24.6	37.0#

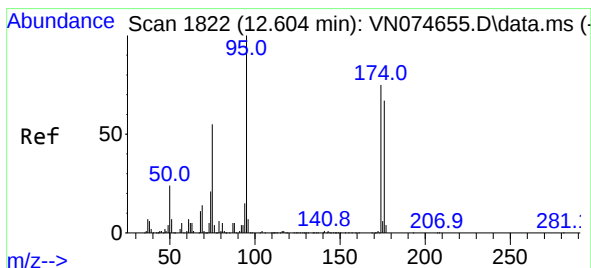
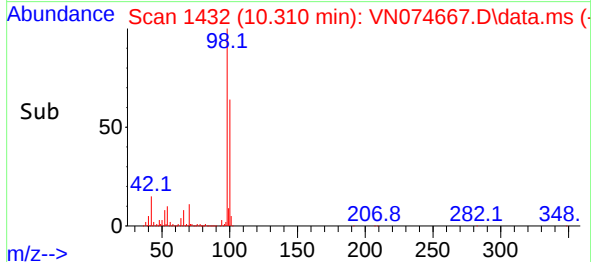
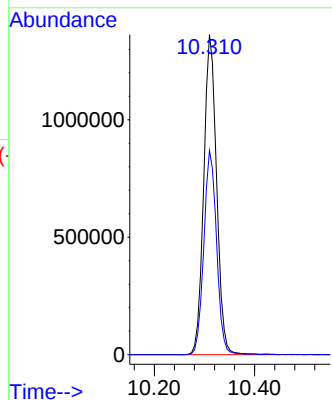
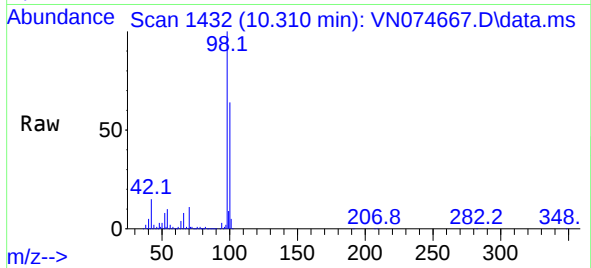




#50
Toluene-d8
Concen: 47.603 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

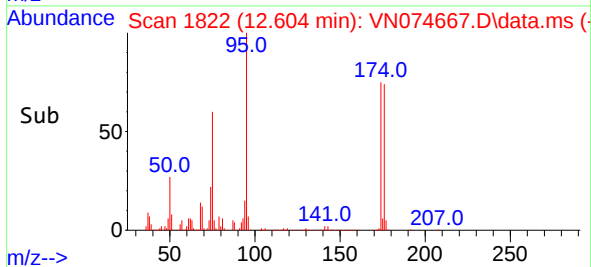
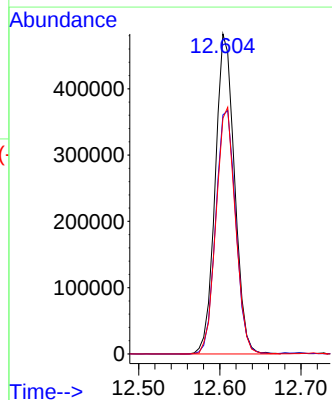
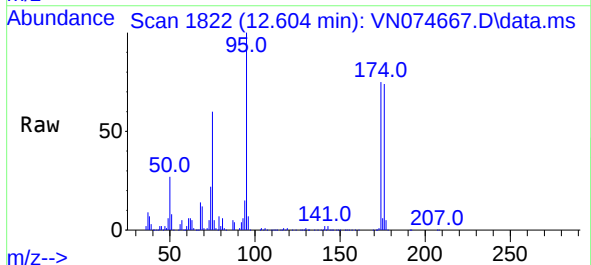
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

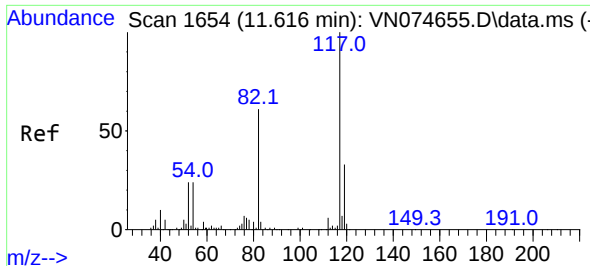
Tgt Ion: 98 Resp: 2431565
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.268 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 95 Resp: 797991
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.6
176 77.4 0.0 163.4

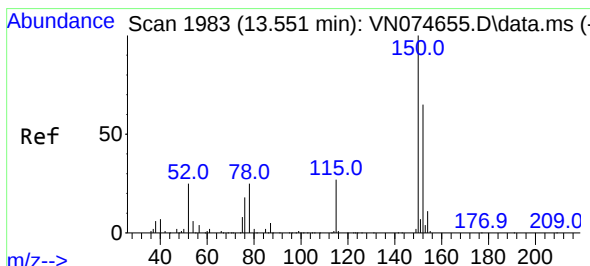
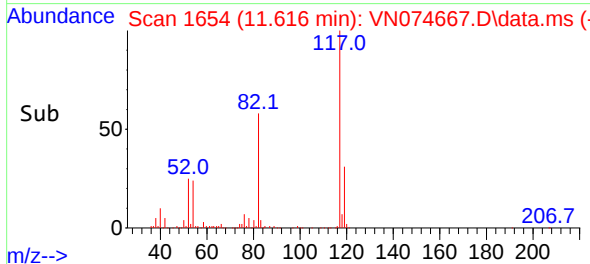
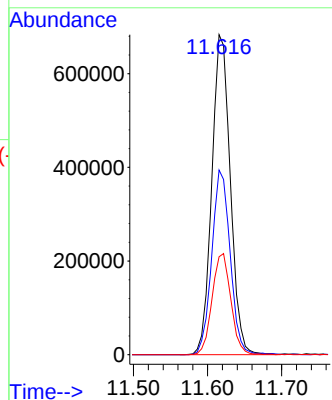
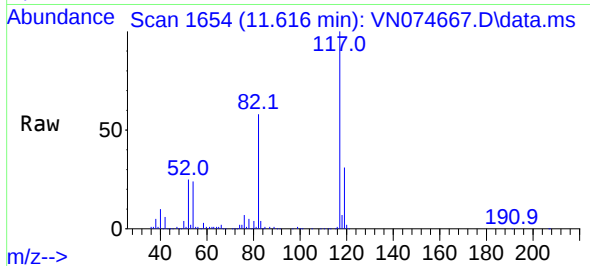




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

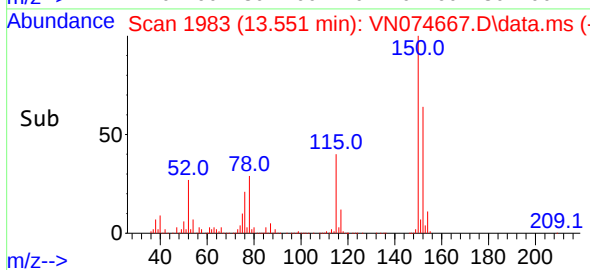
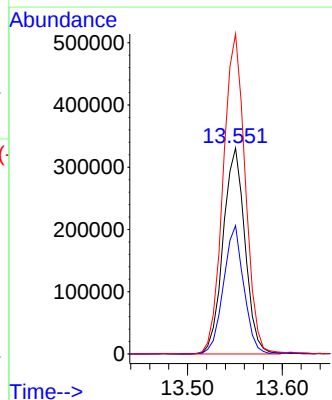
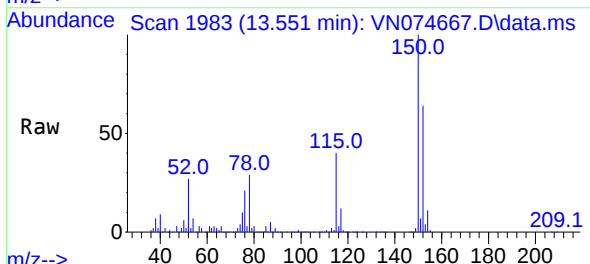
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

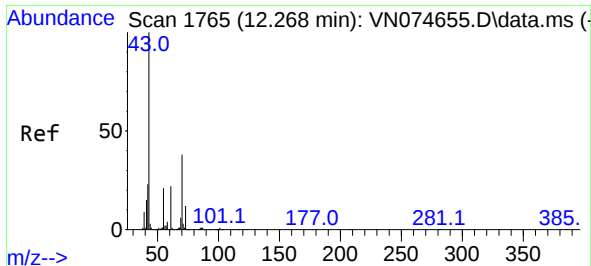
Tgt Ion:117 Resp: 1184800
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion:152 Resp: 530179
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.7
150 157.8 0.0 356.2

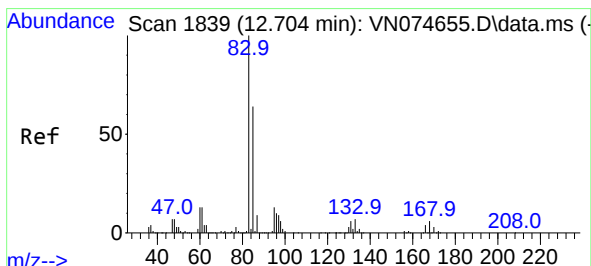
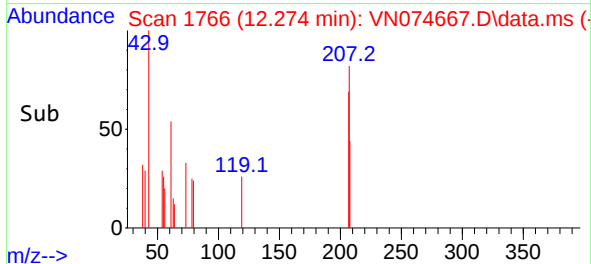
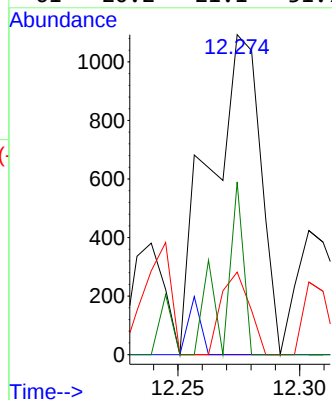
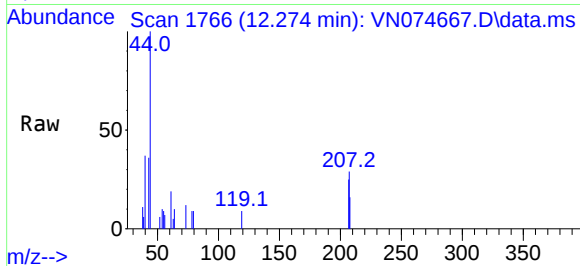




#74
N-amy1 acetate
Concen: Below Cal
RT: 12.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

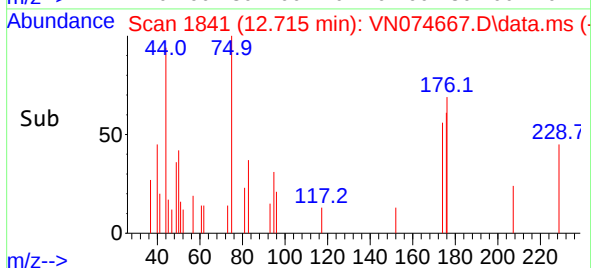
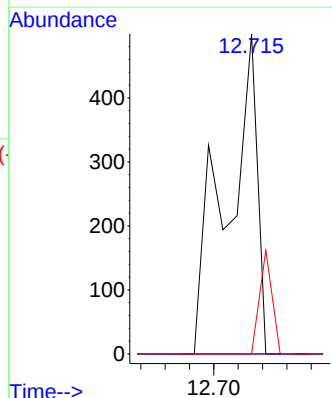
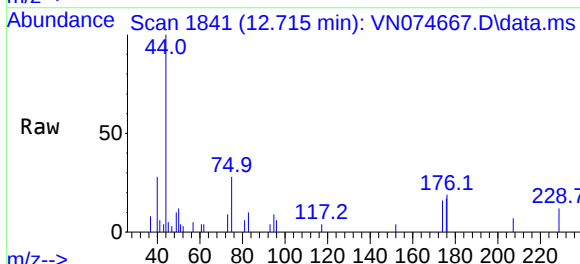
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

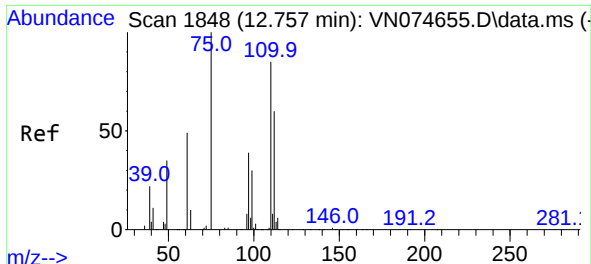
Tgt Ion:	43	Resp:	1592
Ion	Ratio	Lower	Upper
43	100		
70	4.4	39.0	58.4#
55	14.4	21.1	31.7#
61	20.2	21.1	31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.715 min Scan# 1841
Delta R.T. 0.011 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion:	83	Resp:	436
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	13.1	32.3	96.9#

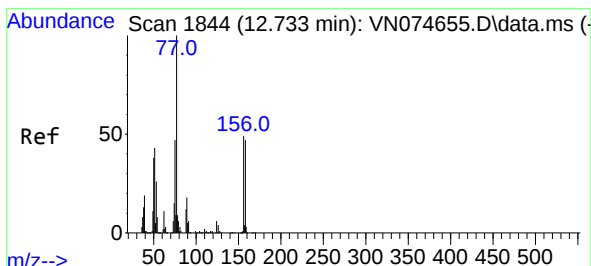
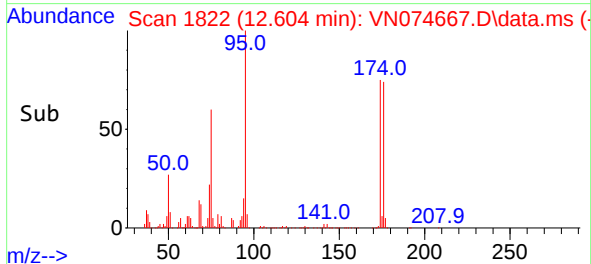
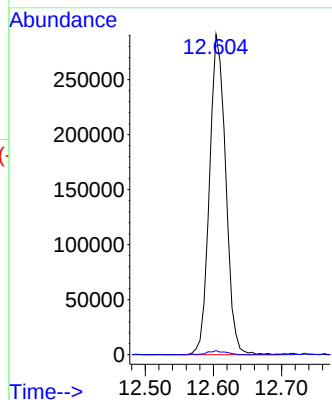
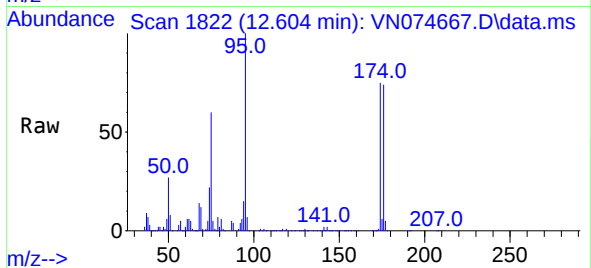




#76
1,2,3-Trichloropropane
Concen: 40.223 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.153 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

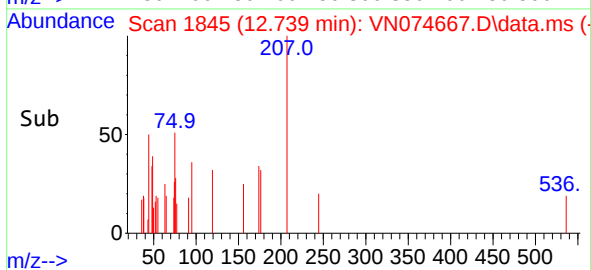
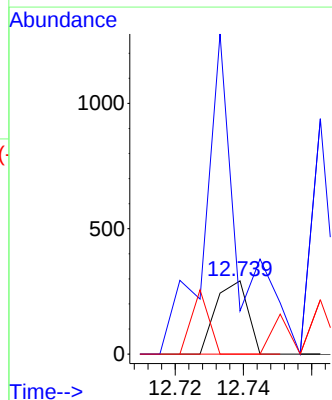
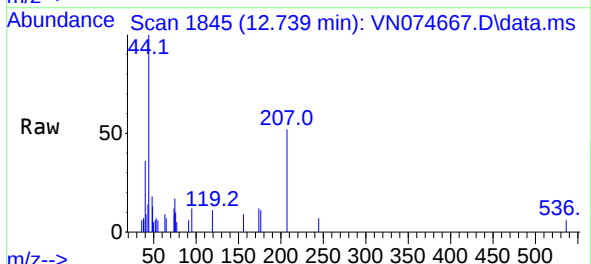
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

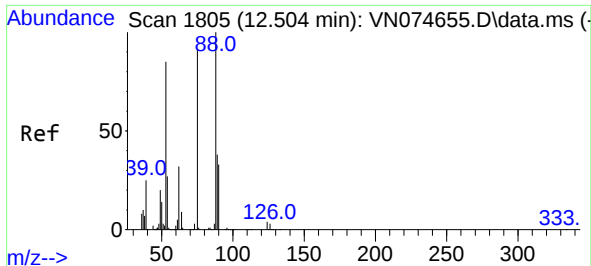
Tgt Ion: 75 Resp: 482132
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.739 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

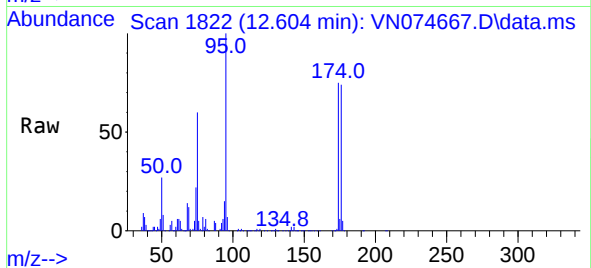
Tgt Ion:156 Resp: 189
Ion Ratio Lower Upper
156 100
77 475.1 100.5 301.5#
158 47.6 48.9 146.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.994 ug/l
 RT: 12.604 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VN074667.D
 Acq: 30 Sep 2022 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5



Tgt Ion: 75 Resp: 482132
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

