

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071621.D
 Acq On : 28 Mar 2022 22:45
 Operator : JC\MD
 Sample : N2130-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 29 09:51:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

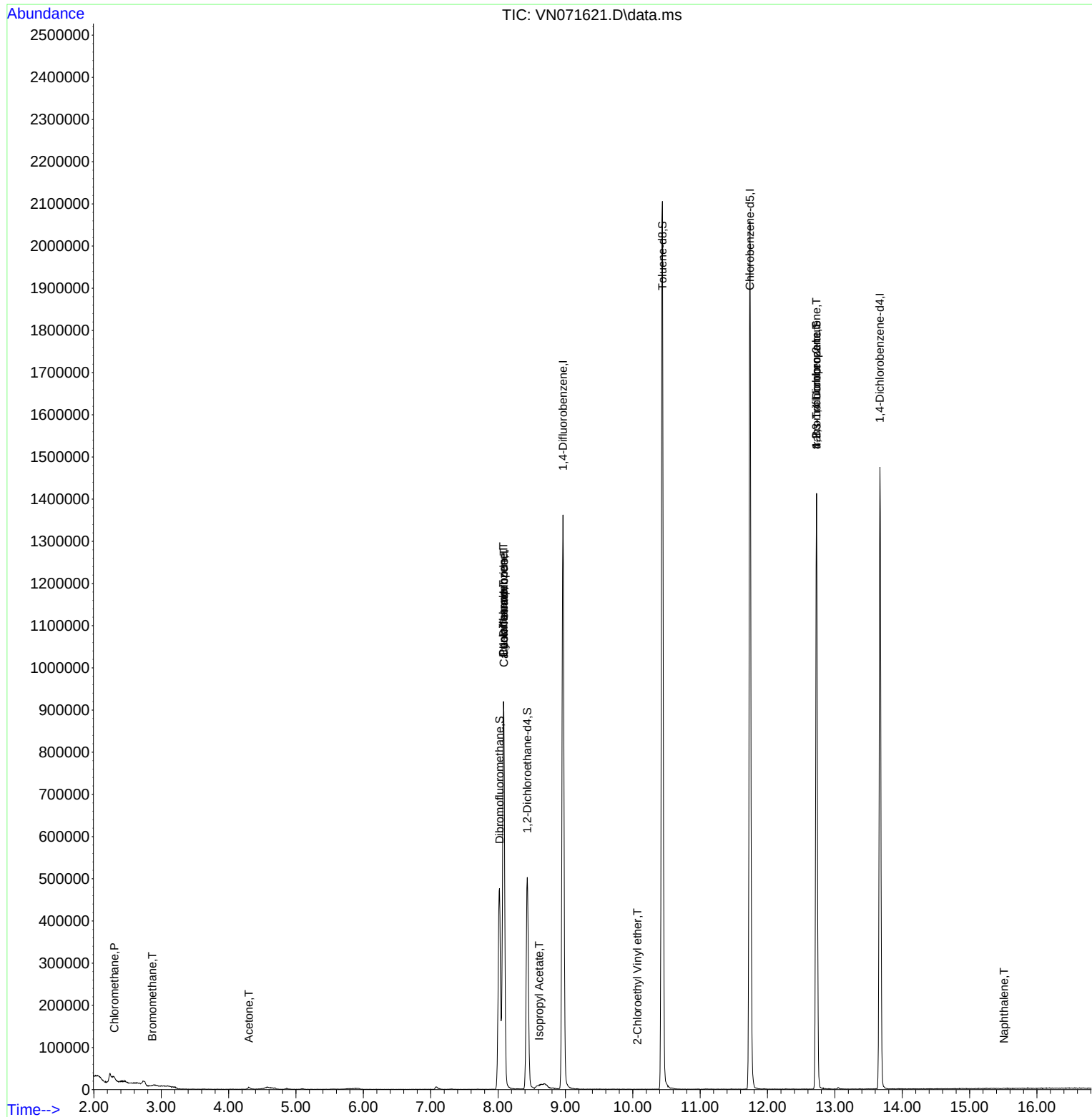
Internal Standards						
1) Pentafluorobenzene	8.081	168	749673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1253528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1246754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	431187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	427294	47.537	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.080%
35) Dibromofluoromethane	8.022	113	354384	46.032	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.060%
50) Toluene-d8	10.439	98	1544444	48.635	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.727	95	495719	47.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2621	0.303	ug/l	97
5) Bromomethane	2.869	94	2236	0.396	ug/l #	61
6) Chloroethane	2.981	64	655	Below Cal	#	42
16) Acetone	4.299	43	5025	1.356	ug/l #	79
18) Methyl Acetate	4.863	43	4333	Below Cal		96
31) Cyclohexane	8.081	56	13297	1.059	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	53353	4.821	ug/l #	49
38) Carbon Tetrachloride	8.087	117	68855	6.278	ug/l #	16
43) Isopropyl Acetate	8.610	43	9463	0.686	ug/l #	53
58) 2-Chloroethyl Vinyl ether	10.069	63	57	19.813	ug/l #	44
76) 1,2,3-Trichloropropane	12.727	75	247591	23.914	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	247591	69.026	ug/l #	10
95) Naphthalene	15.510	128	1213	4.745	ug/l #	69

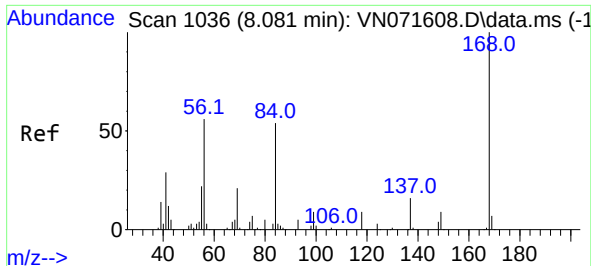
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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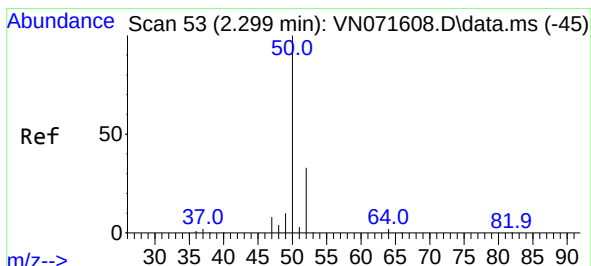
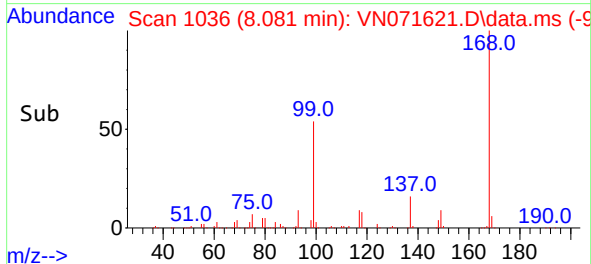
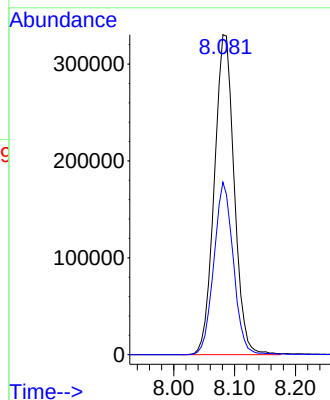
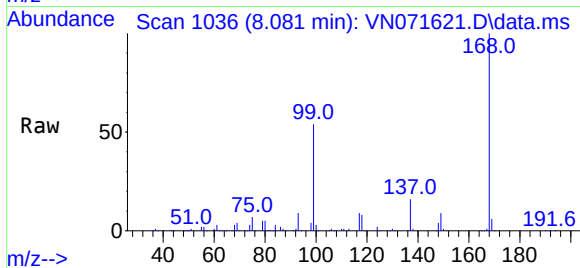




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

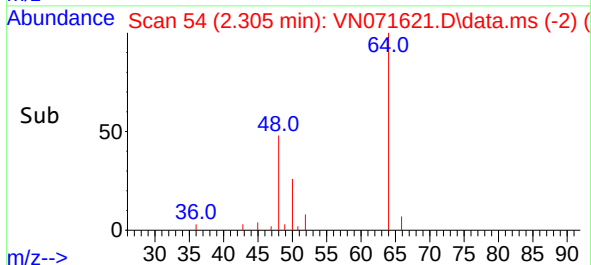
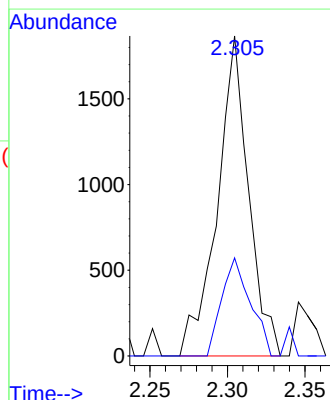
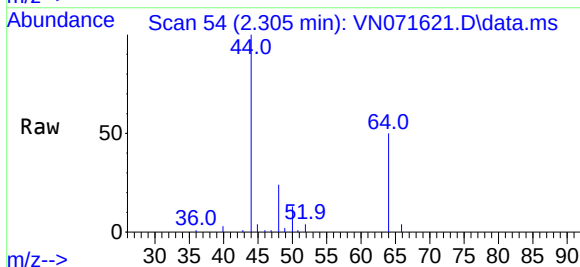
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

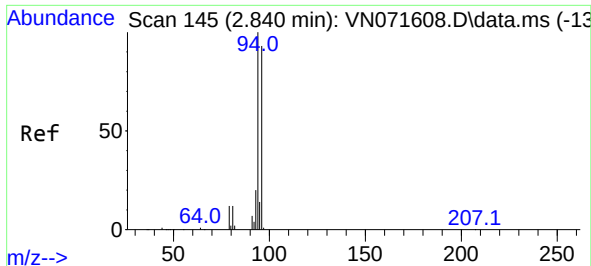
Tgt Ion:168 Resp: 749673
Ion Ratio Lower Upper
168 100
99 53.9 42.3 63.5



#3
Chloromethane
Concen: 0.303 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Tgt Ion: 50 Resp: 2621
Ion Ratio Lower Upper
50 100
52 30.6 25.7 38.5

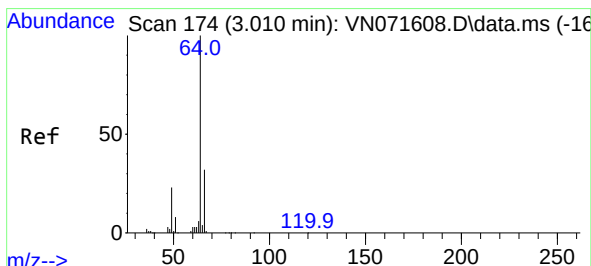
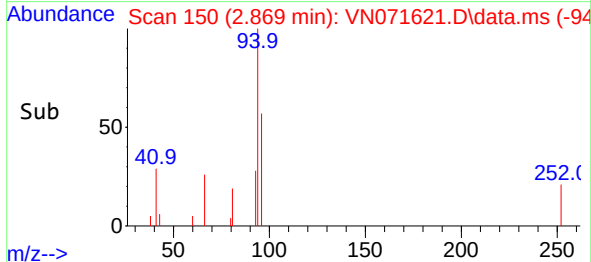
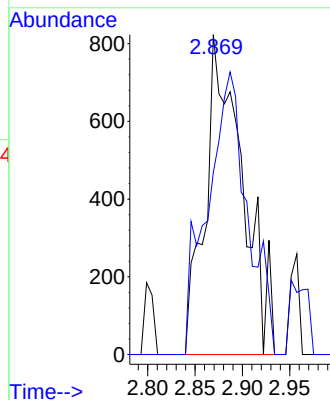
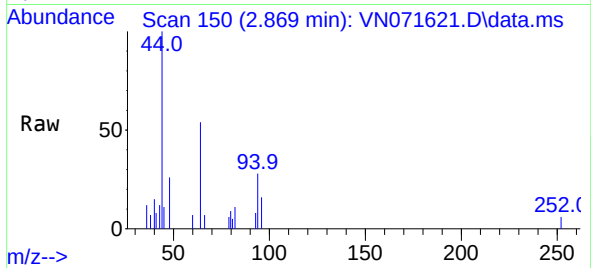




#5
Bromomethane
Concen: 0.396 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

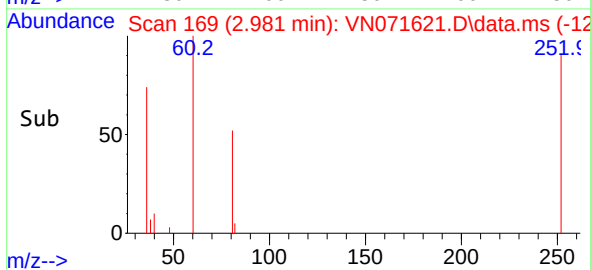
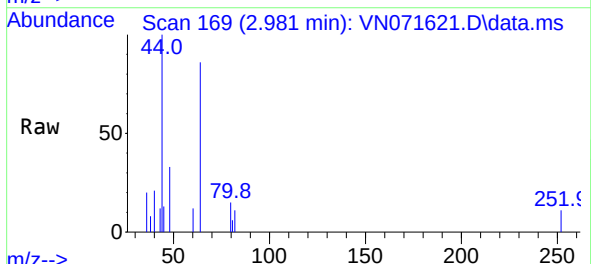
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

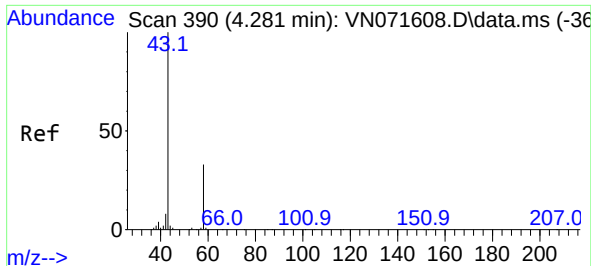
Tgt Ion: 94 Resp: 2236
Ion Ratio Lower Upper
94 100
96 56.9 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.981 min Scan# 169
Delta R.T. -0.029 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Tgt Ion: 64 Resp: 655
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

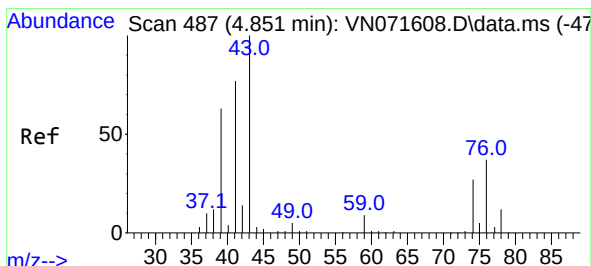
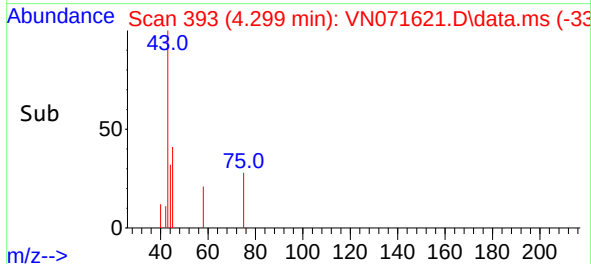
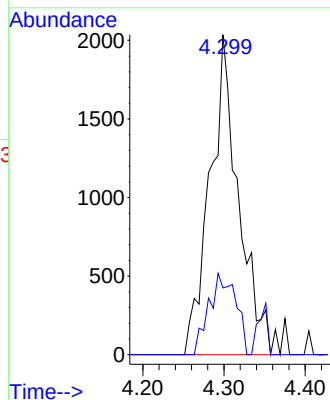
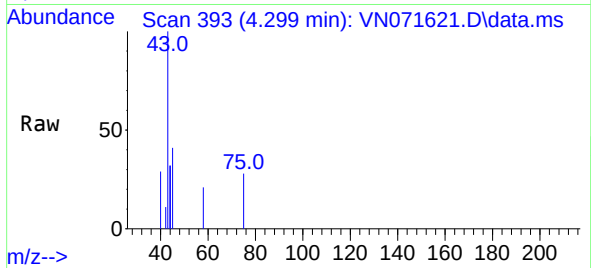




#16
Acetone
Concen: 1.356 ug/l
RT: 4.299 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

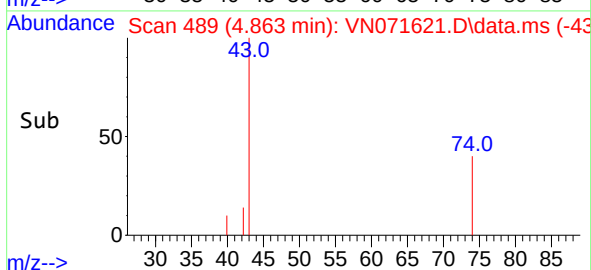
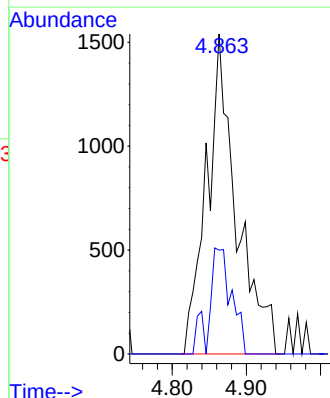
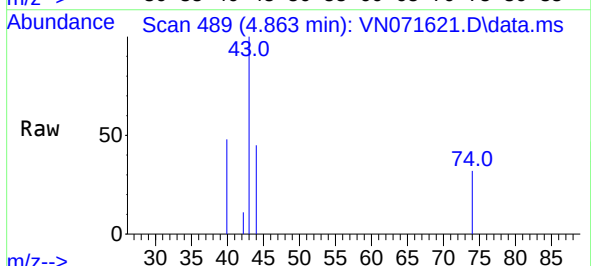
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

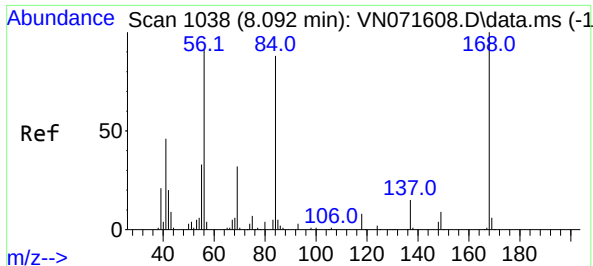
Tgt Ion: 43 Resp: 5025
Ion Ratio Lower Upper
43 100
58 20.9 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Tgt Ion: 43 Resp: 4333
Ion Ratio Lower Upper
43 100
74 24.9 21.6 32.4

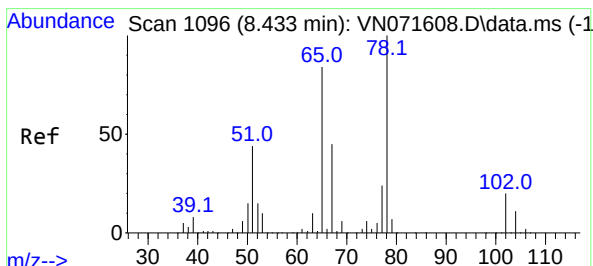
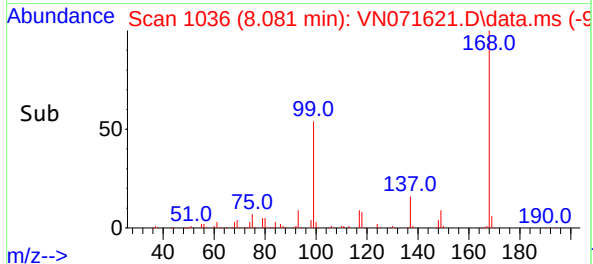
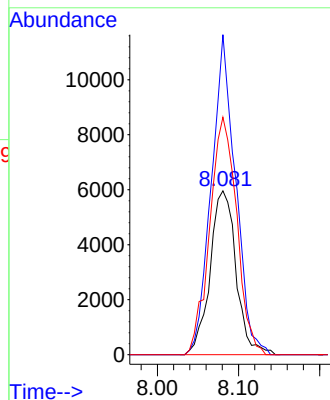
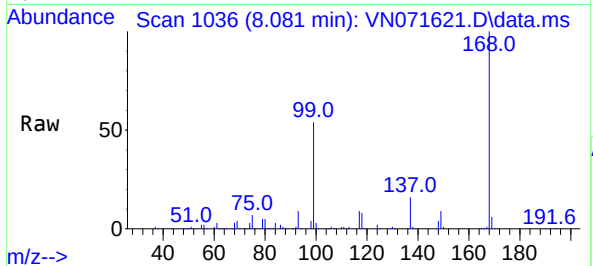




#31
Cyclohexane
Concen: 1.059 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

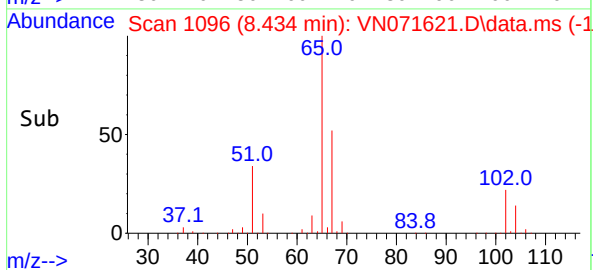
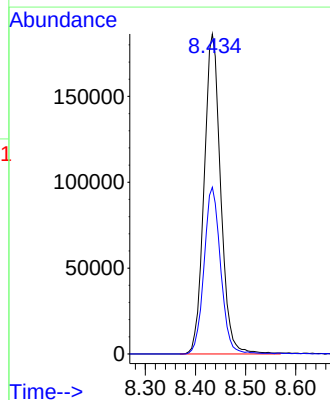
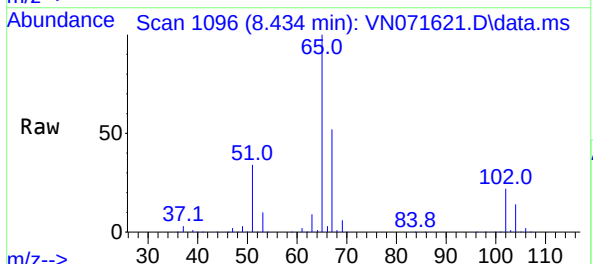
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

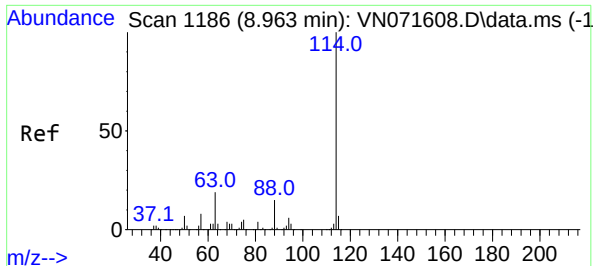
Tgt Ion: 56 Resp: 13297
Ion Ratio Lower Upper
56 100
69 195.3 27.8 41.8#
84 144.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.537 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Tgt Ion: 65 Resp: 427294
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071621.D

Acq: 28 Mar 2022 22:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

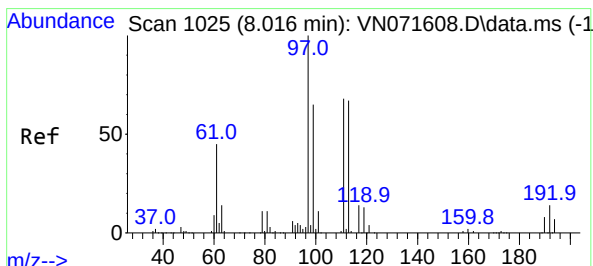
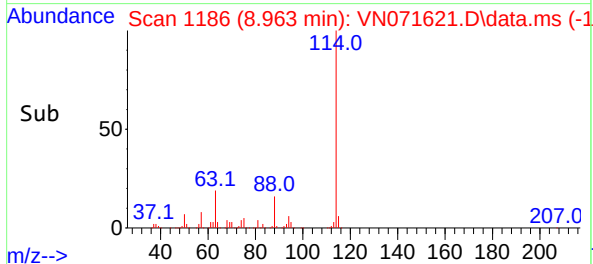
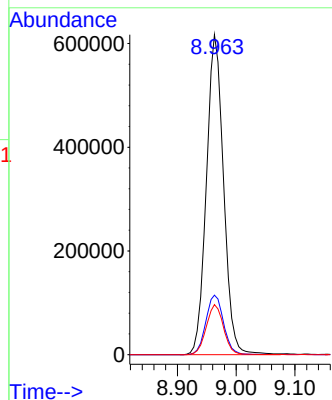
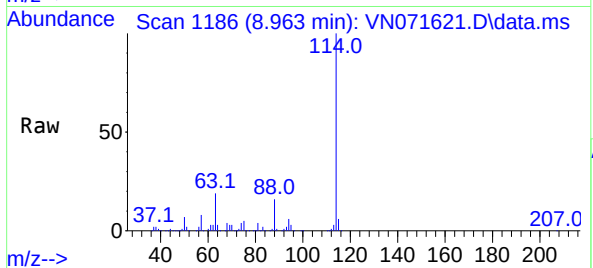
Tgt Ion:114 Resp: 1253528

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.032 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071621.D

Acq: 28 Mar 2022 22:45

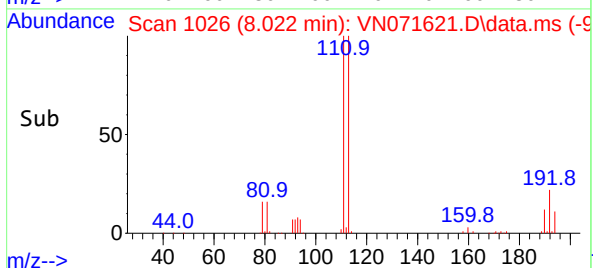
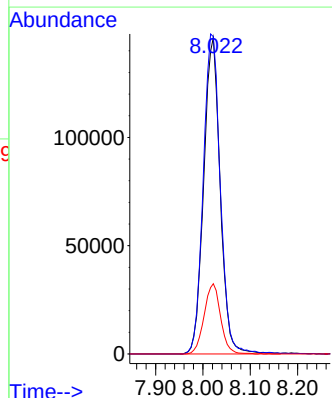
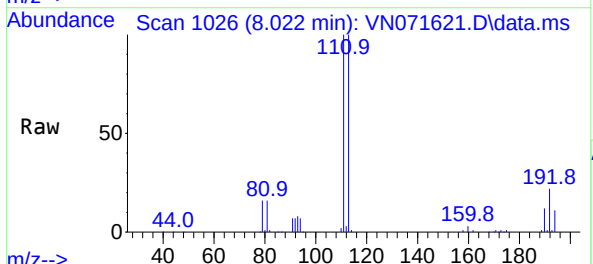
Tgt Ion:113 Resp: 354384

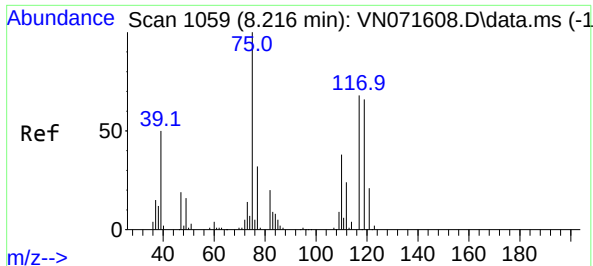
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 22.1 17.0 25.6

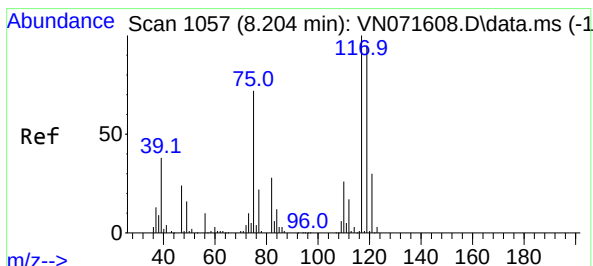
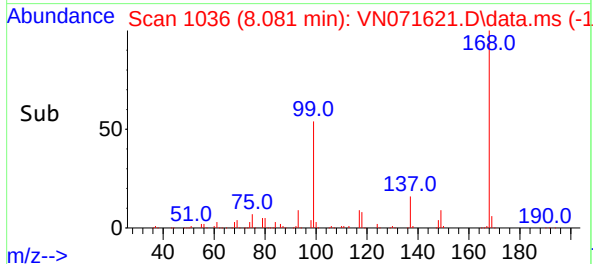
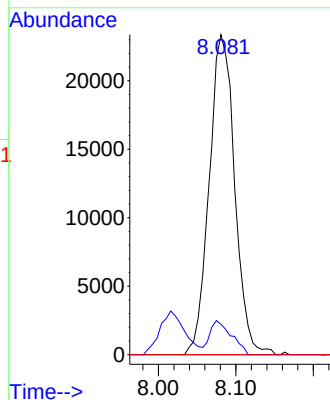
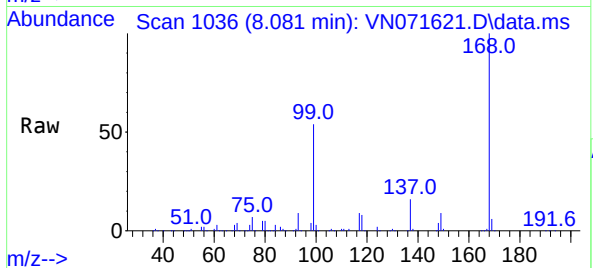




#36
1,1-Dichloropropene
Concen: 4.821 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

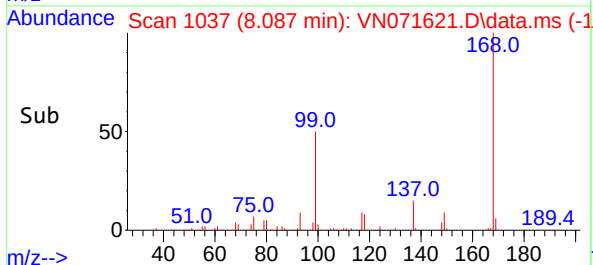
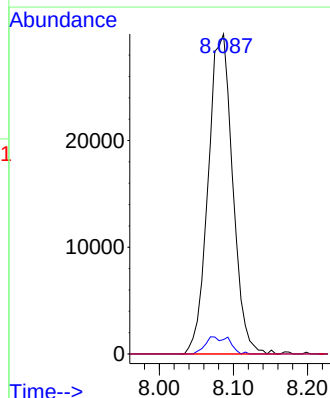
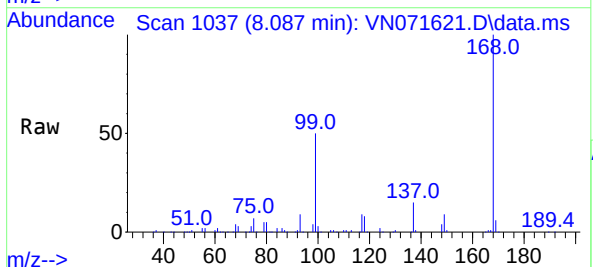
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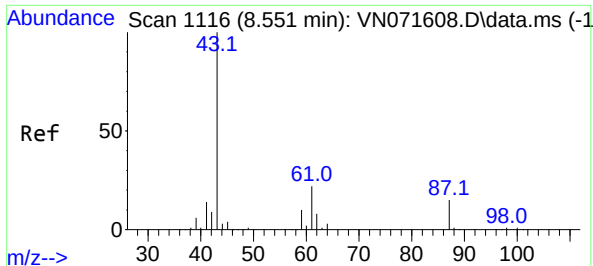
Tgt Ion: 75 Resp: 53353
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.278 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Tgt Ion: 117 Resp: 68855
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#

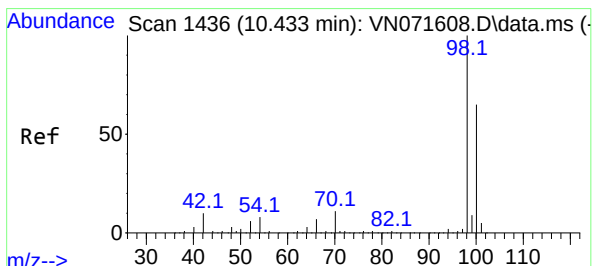
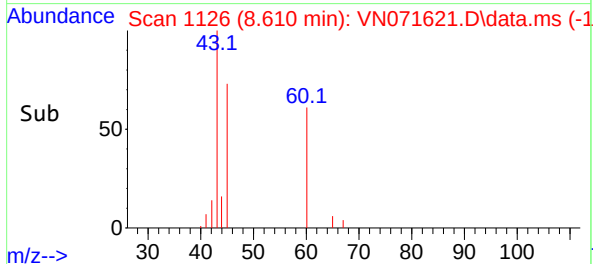
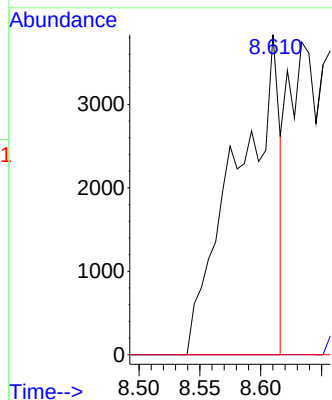
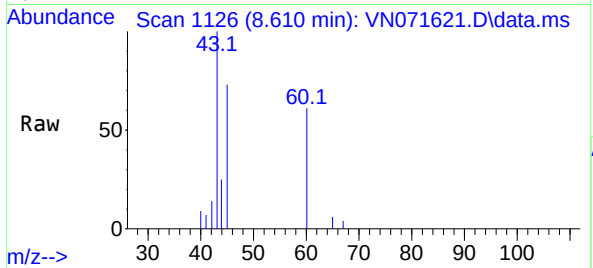




#43
Isopropyl Acetate
Concen: 0.686 ug/l
RT: 8.610 min Scan# 1116
Delta R.T. 0.059 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

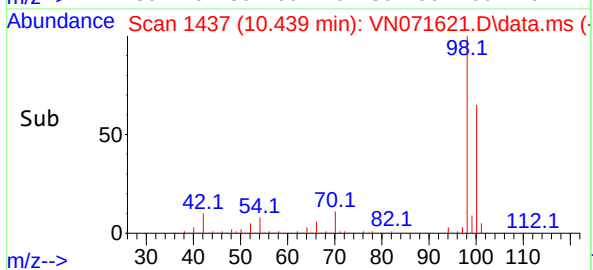
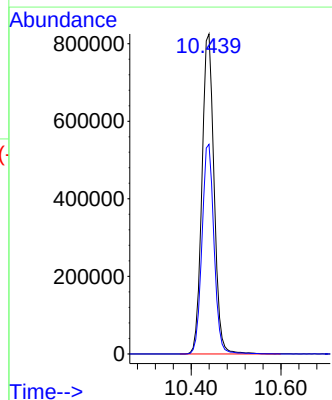
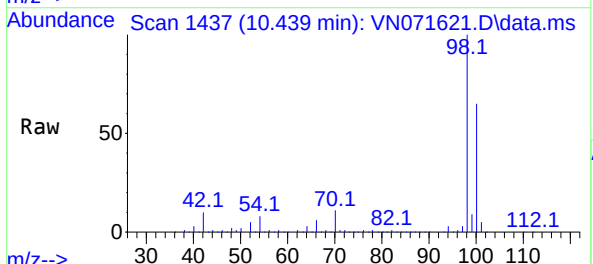
Instrument :
MSVOA_N
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STORAGE-BLANK-SAMPLE-MANAG

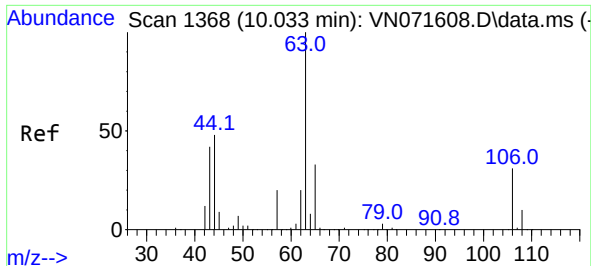
Tgt Ion: 43 Resp: 9463
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 48.635 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Tgt Ion: 98 Resp: 1544444
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

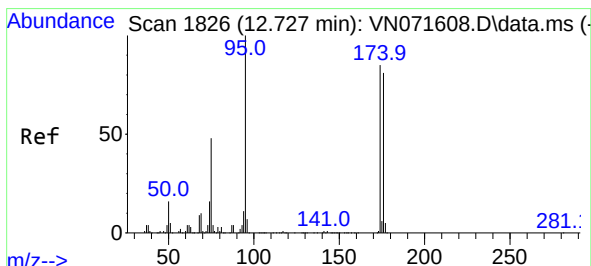
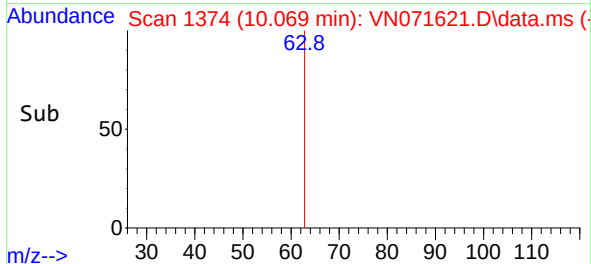
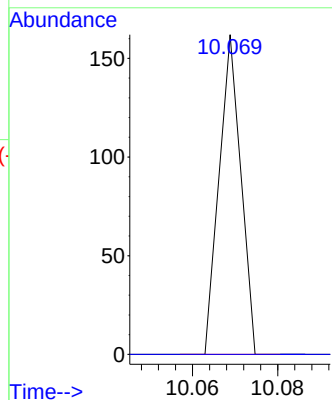
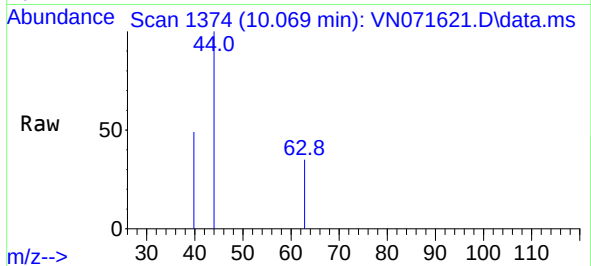




#58
2-Chloroethyl Vinyl ether
Concen: 19.813 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

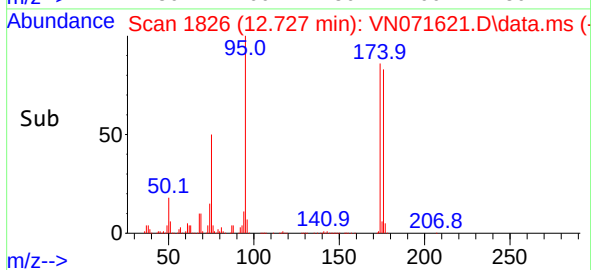
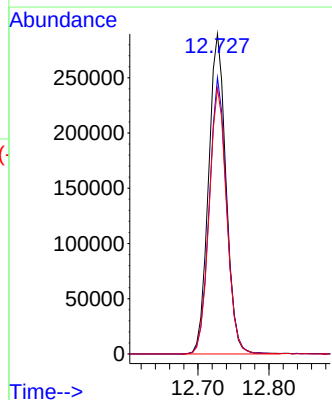
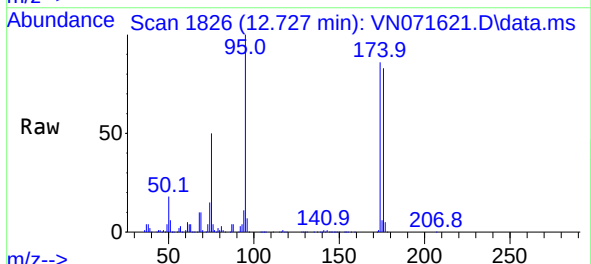
Instrument :
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ClientSampleId :
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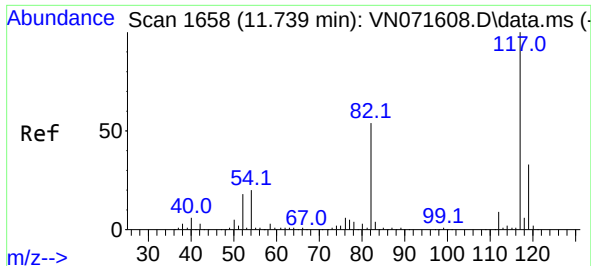
Tgt Ion: 63 Resp: 57
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 47.852 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

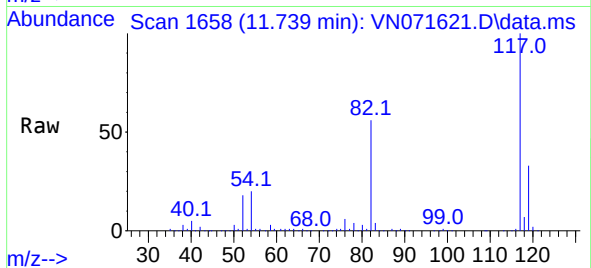
Tgt Ion: 95 Resp: 495719
Ion Ratio Lower Upper
95 100
174 85.6 0.0 167.6
176 83.1 0.0 163.4



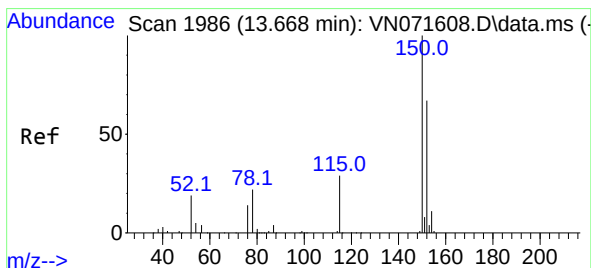
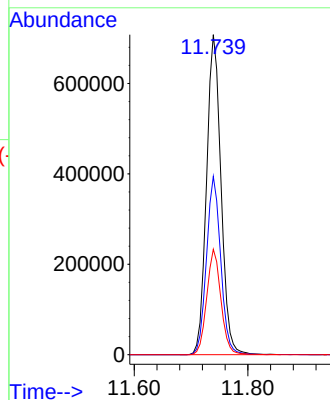


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

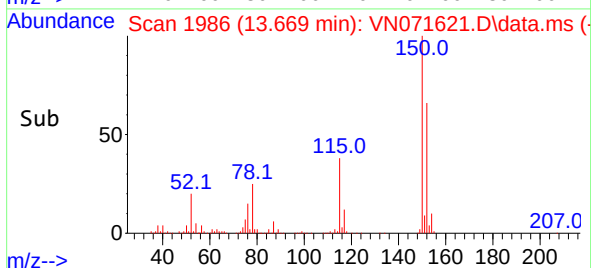
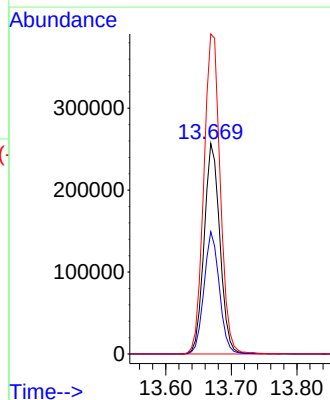
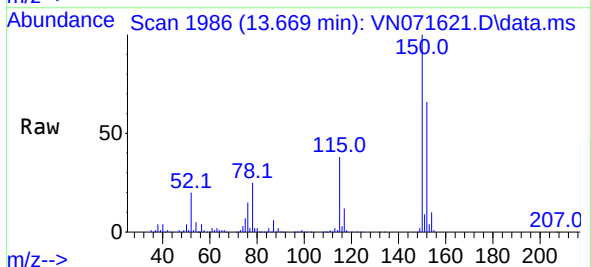


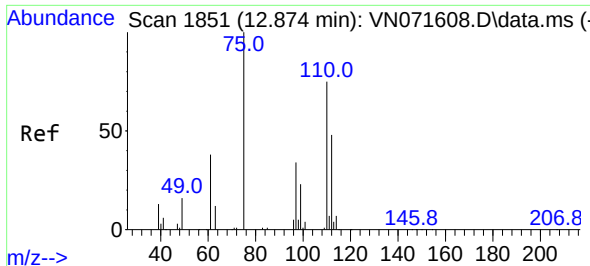
Tgt Ion:117 Resp: 1246754
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Tgt Ion:152 Resp: 431187
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 158.3 0.0 356.2

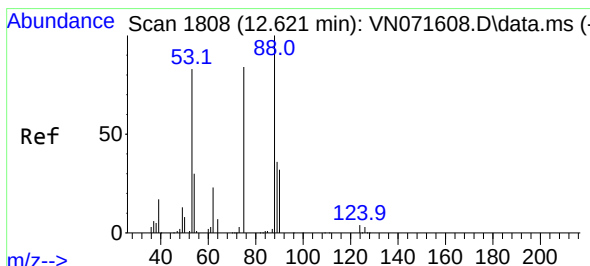
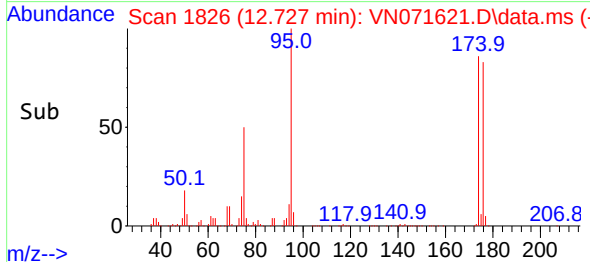
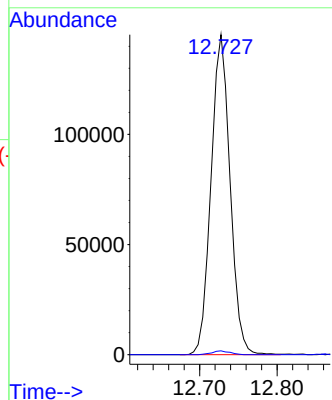
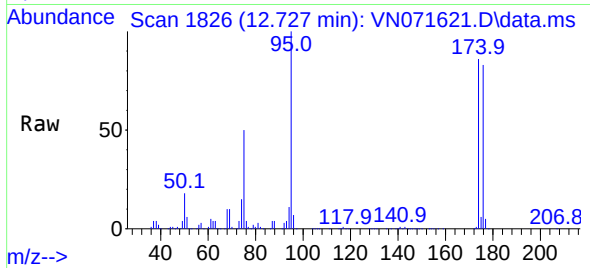




#76
1,2,3-Trichloropropane
Concen: 23.914 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

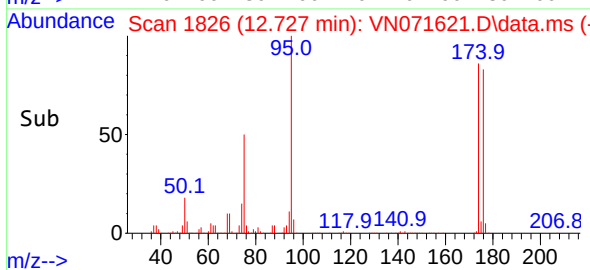
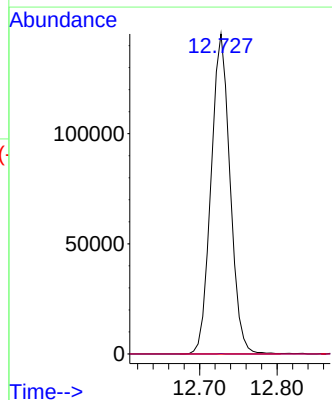
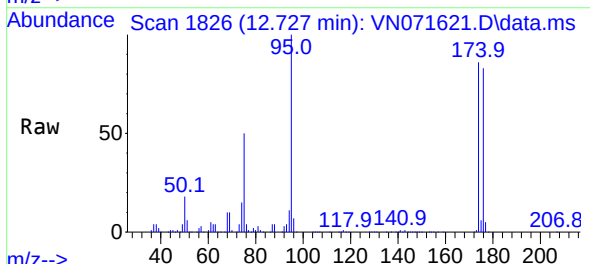
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

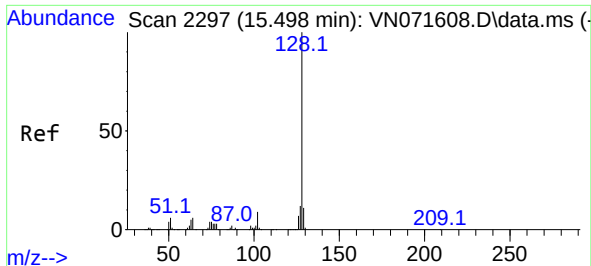
Tgt Ion: 75 Resp: 247591
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.026 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

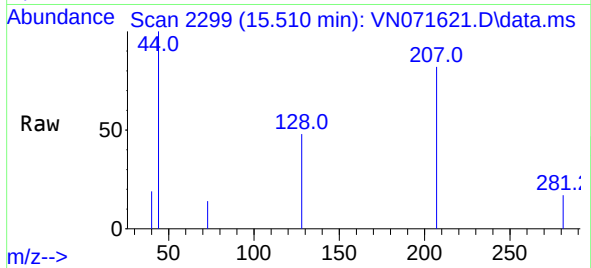
Tgt Ion: 75 Resp: 247591
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 4.745 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071621.D
Acq: 28 Mar 2022 22:45

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	128	Resp:	1213
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

