

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071832.D
 Acq On : 04 Apr 2022 15:29
 Operator : JC\MD
 Sample : N2233-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 05 01:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

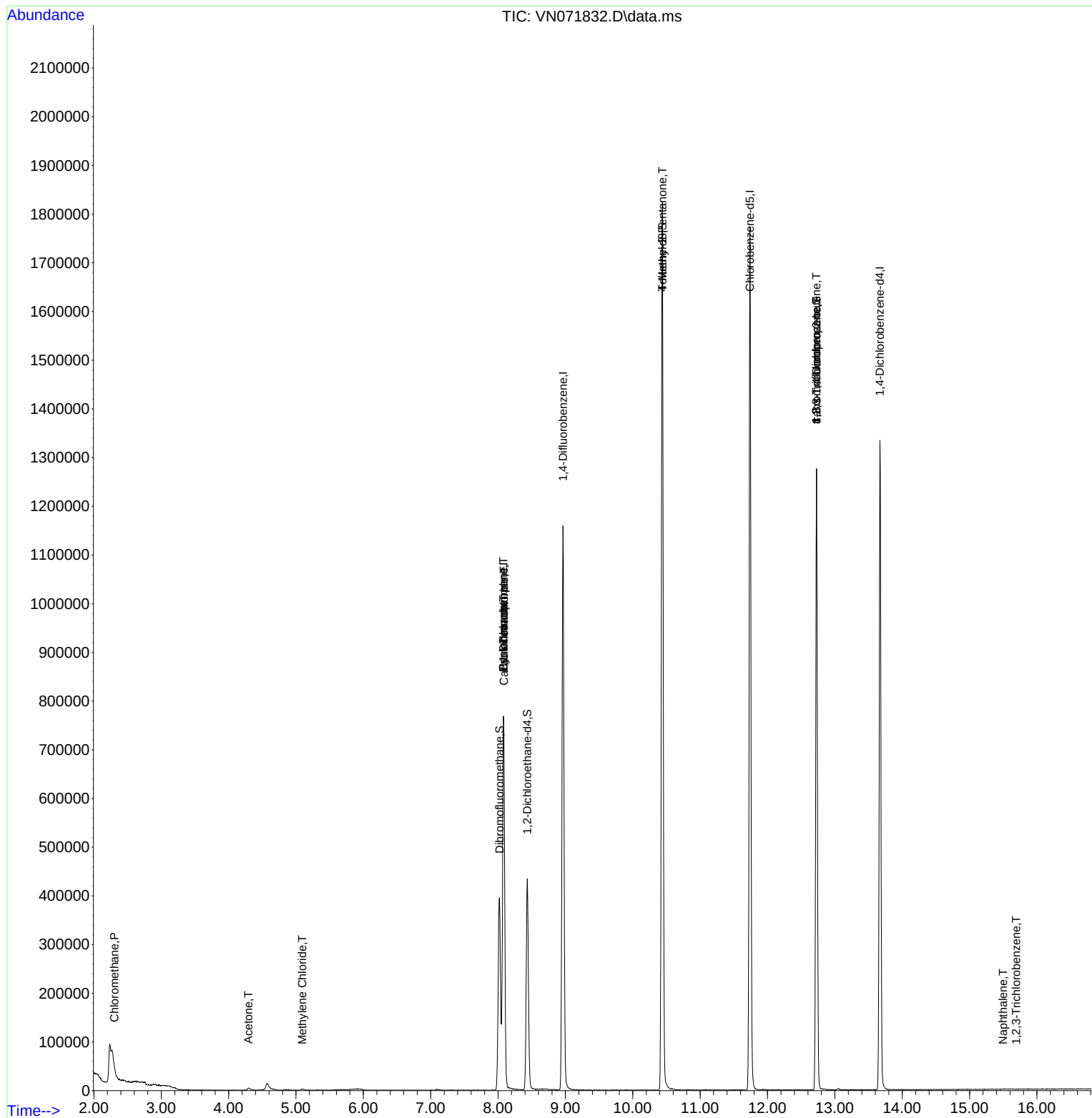
Internal Standards						
1) Pentafluorobenzene	8.081	168	634364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1077157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1087880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	401170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	354826	48.996	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.000%
35) Dibromofluoromethane	8.022	113	304704	48.072	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.140%
50) Toluene-d8	10.439	98	1349470	52.045	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.727	95	457898	54.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.200%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	4458	0.698	ug/l #	78
16) Acetone	4.293	43	6146	1.986	ug/l	95
18) Methyl Acetate	4.887	43	1903	Below Cal	#	67
20) Methylene Chloride	5.093	84	2043	0.313	ug/l #	79
31) Cyclohexane	8.081	56	10607	1.077	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	43275	4.889	ug/l #	49
38) Carbon Tetrachloride	8.086	117	55327	6.378	ug/l #	17
51) 4-Methyl-2-Pentanone	10.439	43	4937	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	222196	23.909	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	222196	74.093	ug/l #	10
95) Naphthalene	15.498	128	980	3.852	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.692	180	74	2.426	ug/l #	12

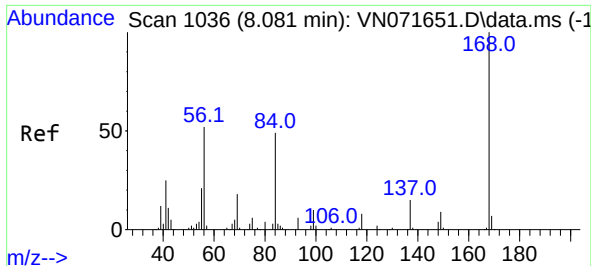
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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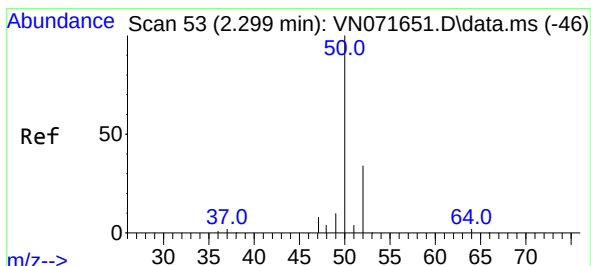
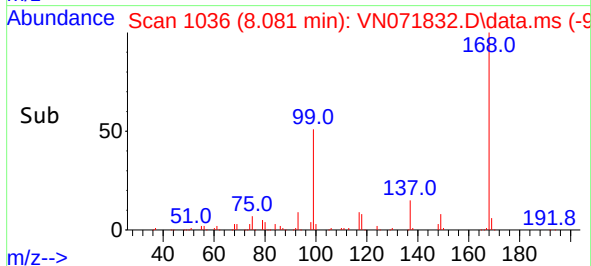
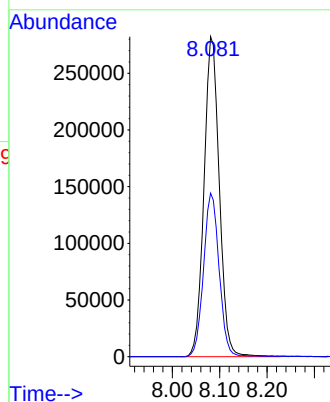
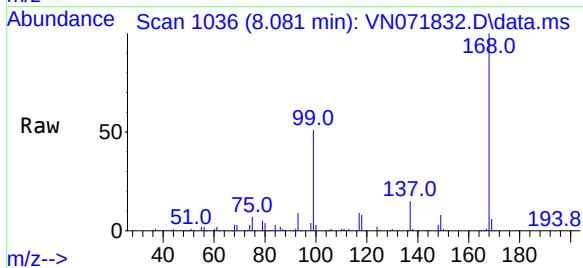




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

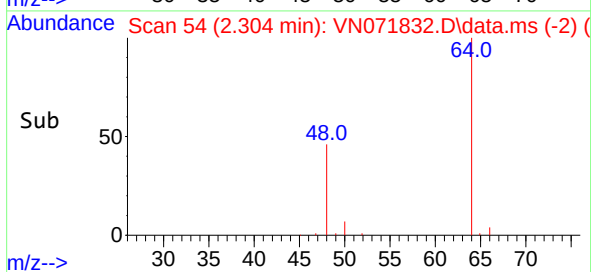
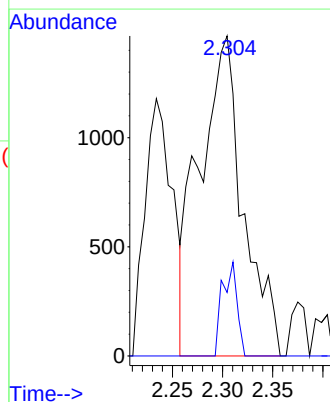
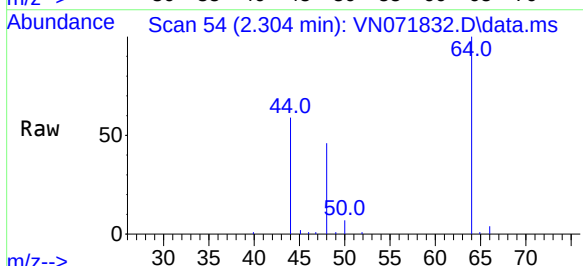
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

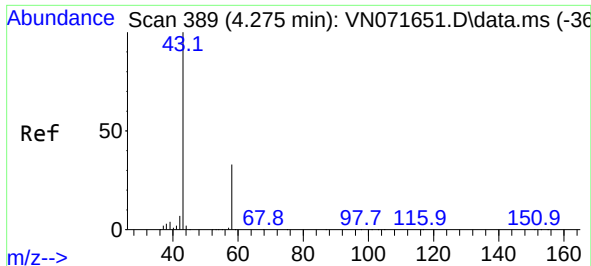
Tgt Ion:168 Resp: 634364
Ion Ratio Lower Upper
168 100
99 51.1 42.3 63.5



#3
Chloromethane
Concen: 0.698 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion: 50 Resp: 4458
Ion Ratio Lower Upper
50 100
52 19.8 25.7 38.5#

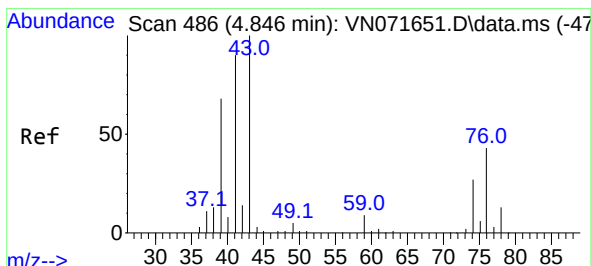
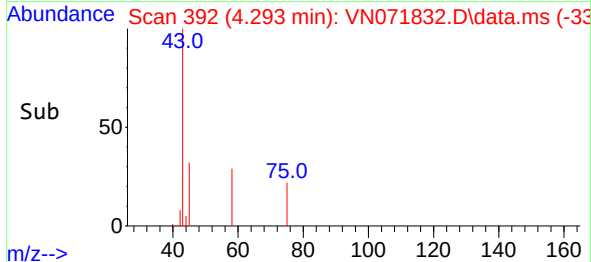
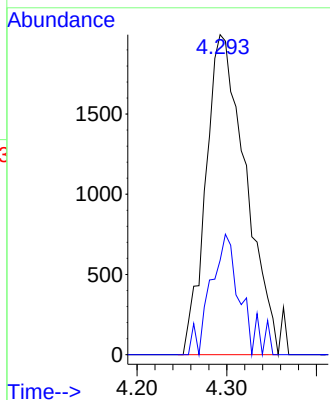
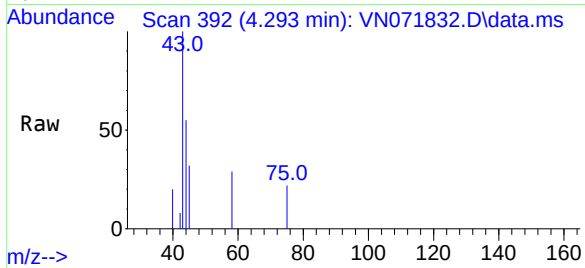




#16
Acetone
Concen: 1.986 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

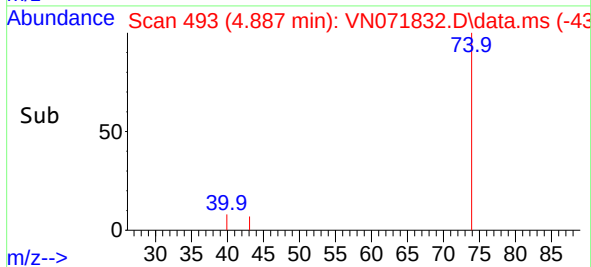
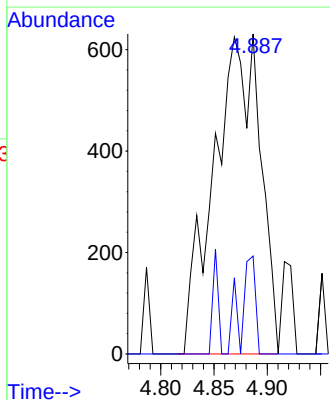
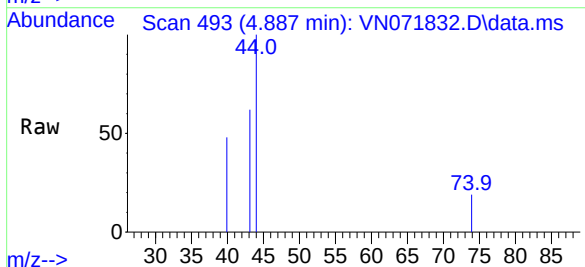
Instrument :
MSVOA_N
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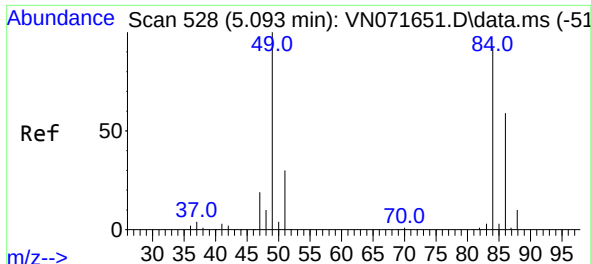
Tgt Ion: 43 Resp: 6146
Ion Ratio Lower Upper
43 100
58 29.5 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.887 min Scan# 493
Delta R.T. 0.041 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion: 43 Resp: 1903
Ion Ratio Lower Upper
43 100
74 9.7 21.6 32.4#

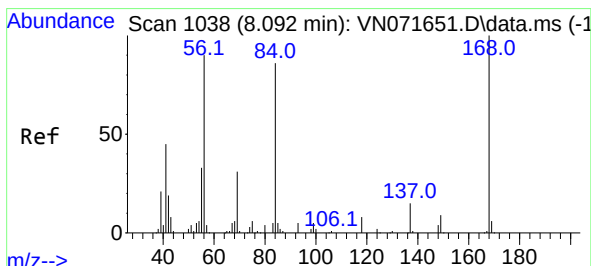
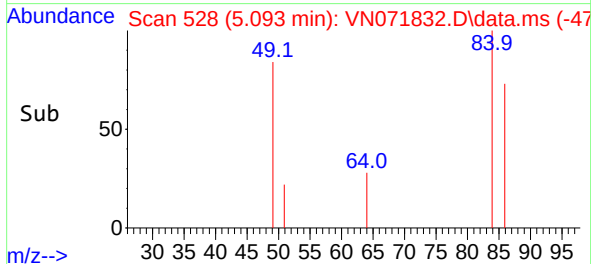
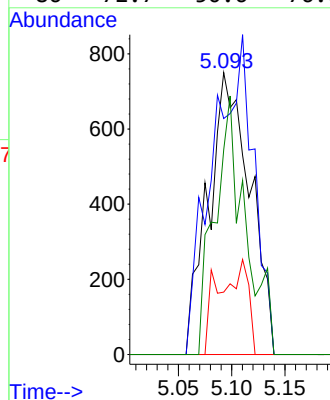
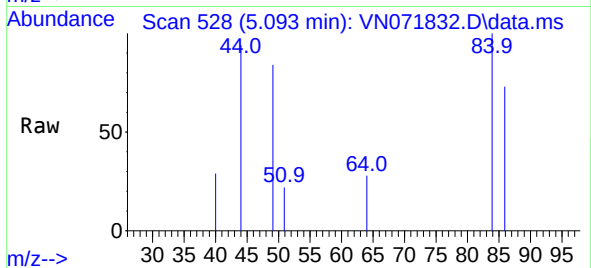




#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

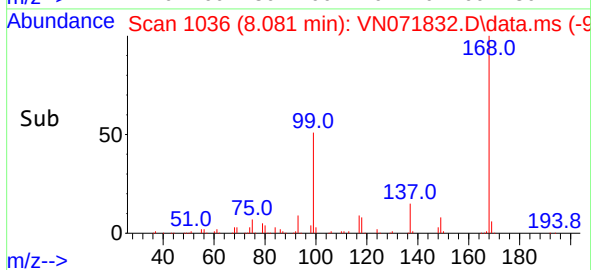
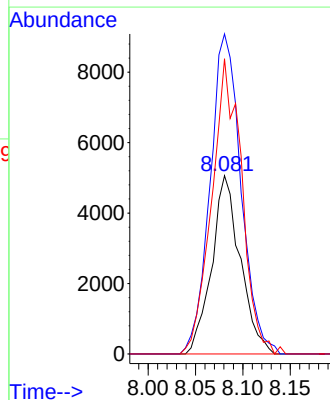
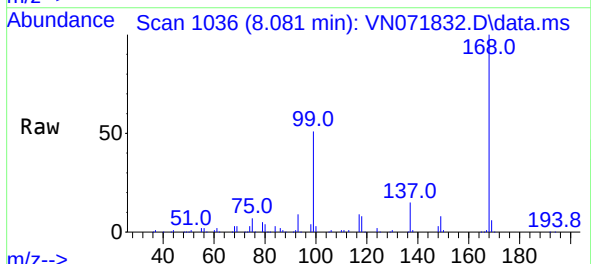
Instrument :
MSVOA_N
ClientSampleId :
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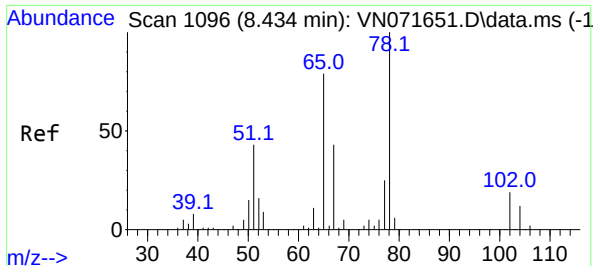
Tgt Ion:	84	Resp:	2043
Ion	Ratio	Lower	Upper
84	100		
49	83.7	88.3	132.5#
51	22.1	28.2	42.2#
86	72.7	50.6	76.0



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion:	56	Resp:	10607
Ion	Ratio	Lower	Upper
56	100		
69	179.5	27.8	41.8#
84	165.6	76.9	115.3#

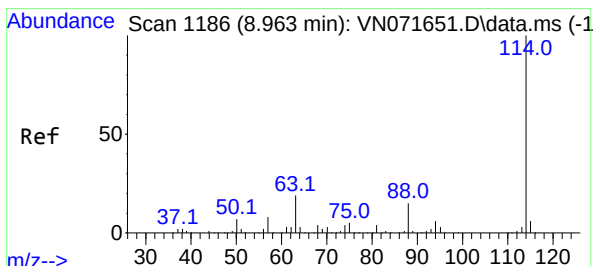
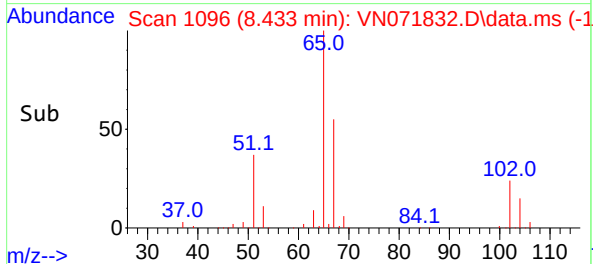
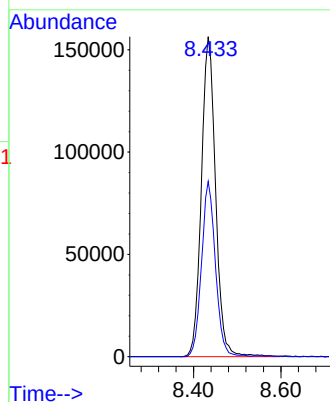
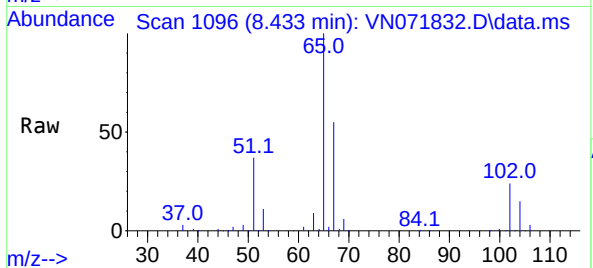




#33
1,2-Dichloroethane-d4
Concen: 48.996 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

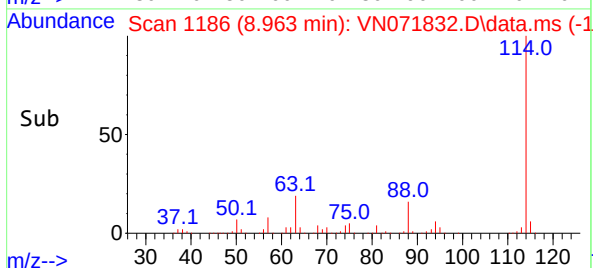
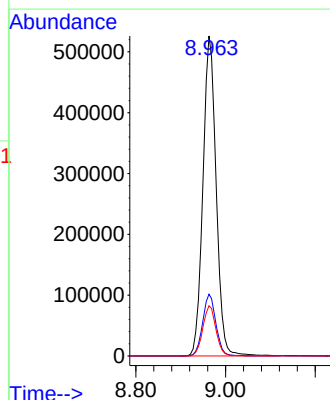
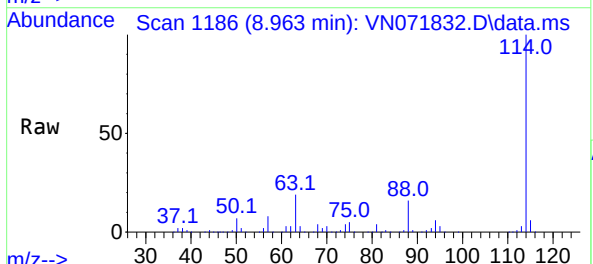
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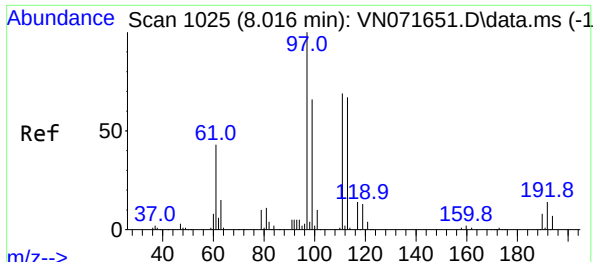
Tgt Ion: 65 Resp: 354826
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion: 114 Resp: 1077157
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.7 0.0 32.6

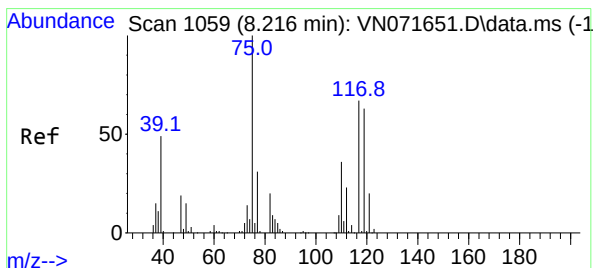
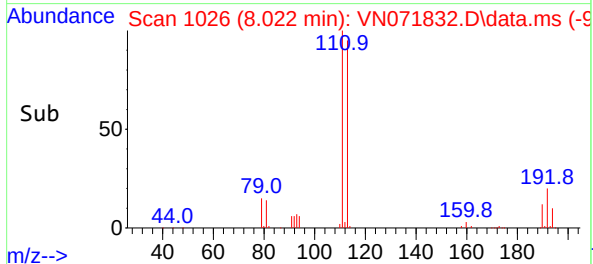
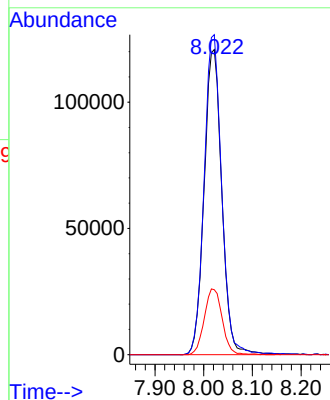
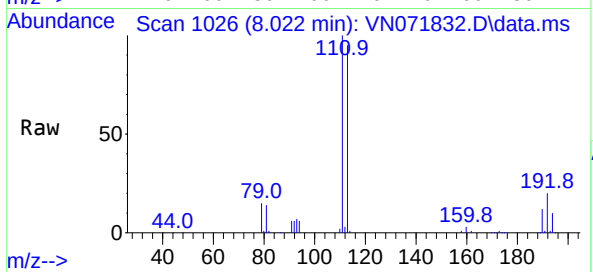




#35
Dibromofluoromethane
Concen: 48.072 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

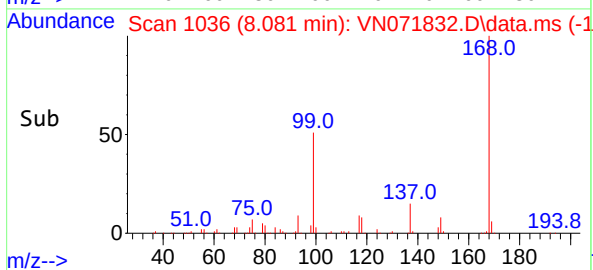
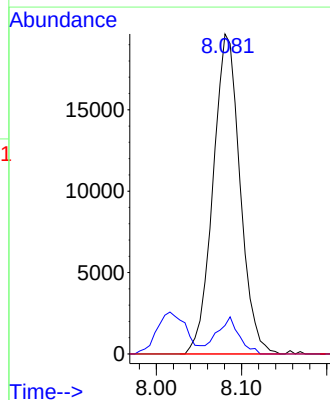
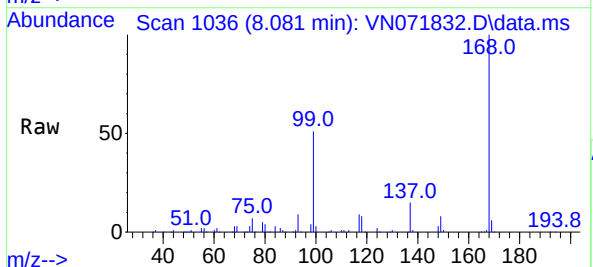
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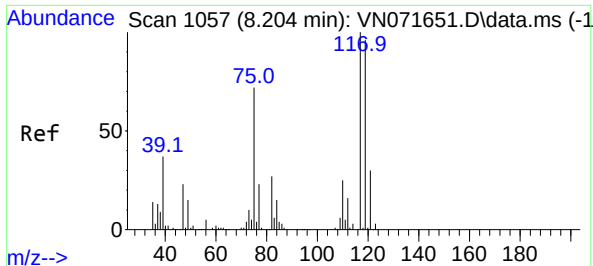
Tgt Ion:113 Resp: 304704
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 21.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion: 75 Resp: 43275
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#

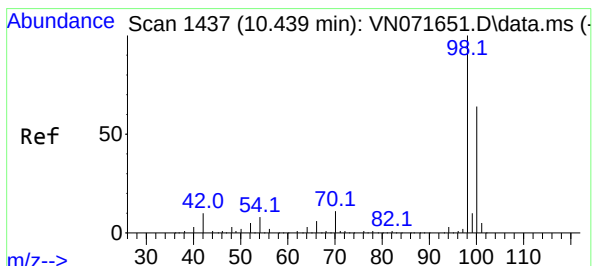
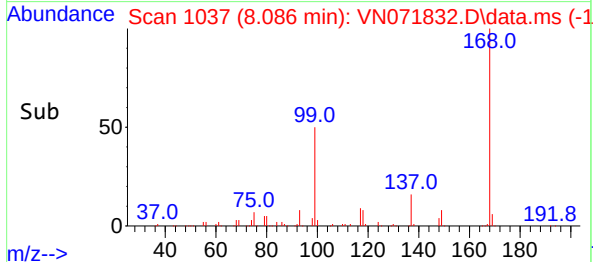
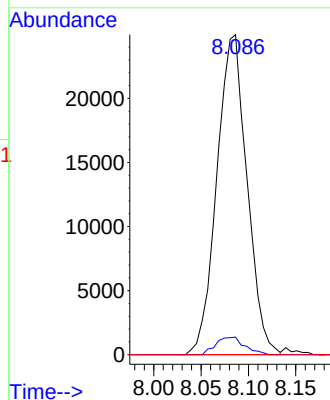
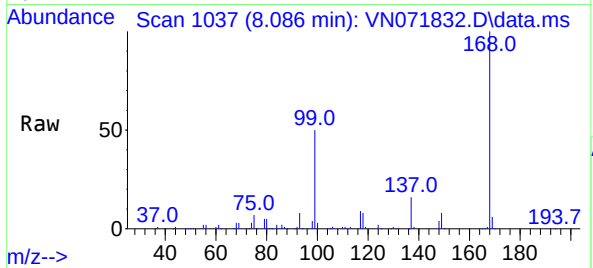




#38
Carbon Tetrachloride
Concen: 6.378 ug/l
RT: 8.086 min Scan# 1057
Delta R.T. -0.118 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

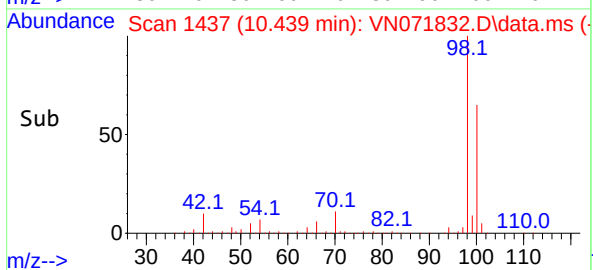
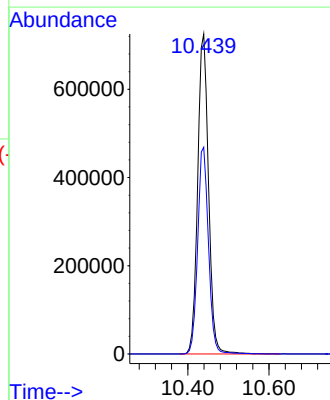
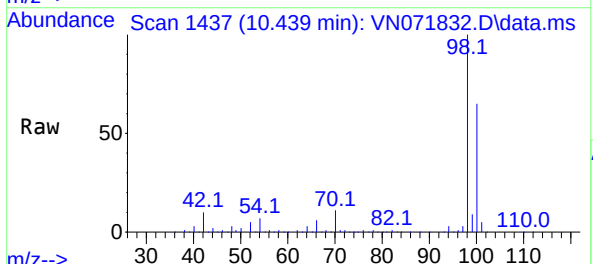
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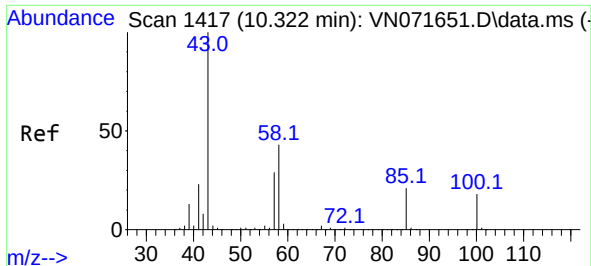
Tgt Ion:117 Resp: 55327
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.045 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion: 98 Resp: 1349470
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.533 ug/l

RT: 10.439 min Scan# 1417

Delta R.T. 0.117 min

Lab File: VN071832.D

Acq: 04 Apr 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

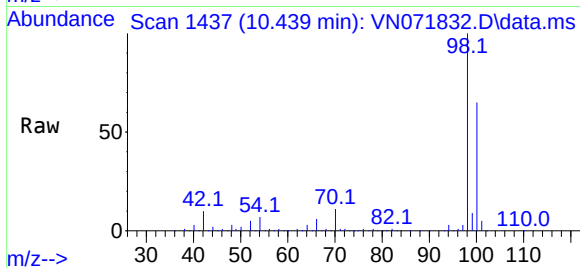
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 4937

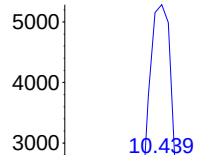
Ion Ratio Lower Upper

43 100

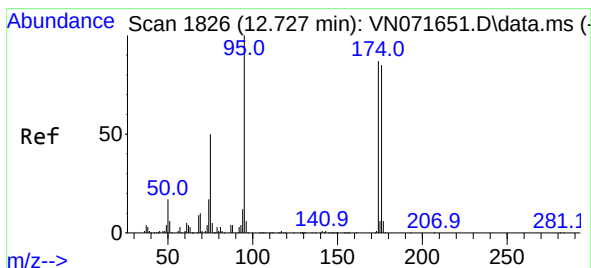
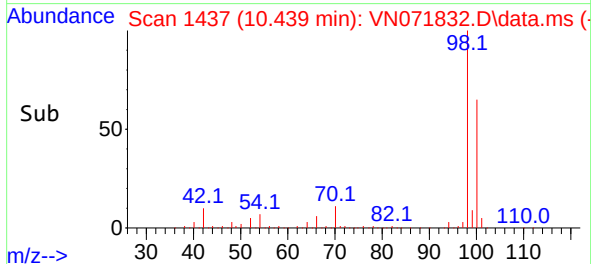
58 195.7 34.1 51.1#



Abundance



Time-->



#62

4-Bromofluorobenzene

Concen: 54.603 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN071832.D

Acq: 04 Apr 2022 15:29

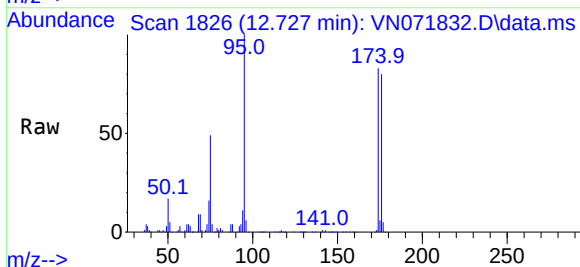
Tgt Ion: 95 Resp: 457898

Ion Ratio Lower Upper

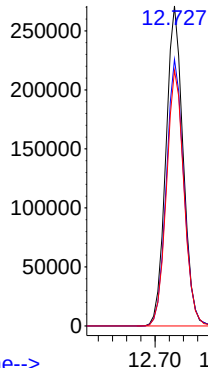
95 100

174 84.0 0.0 167.6

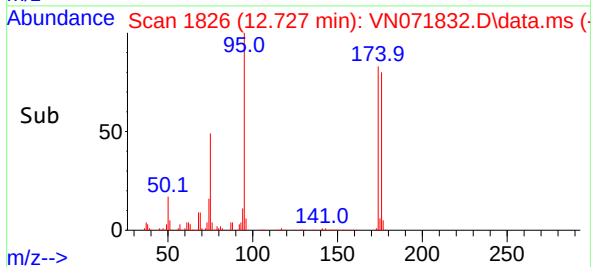
176 80.7 0.0 163.4

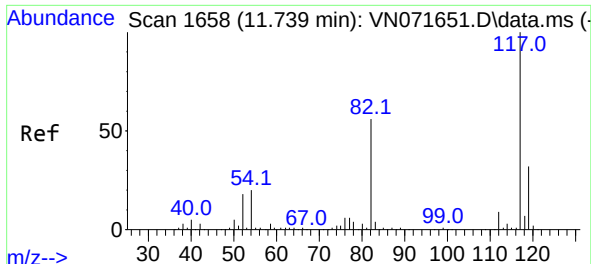


Abundance



Time-->

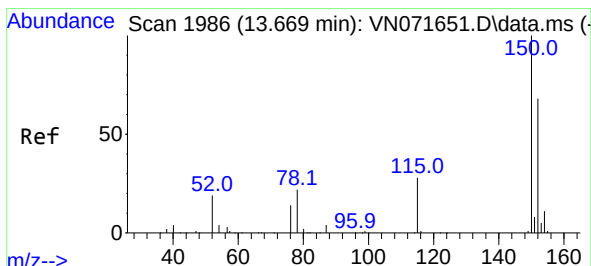
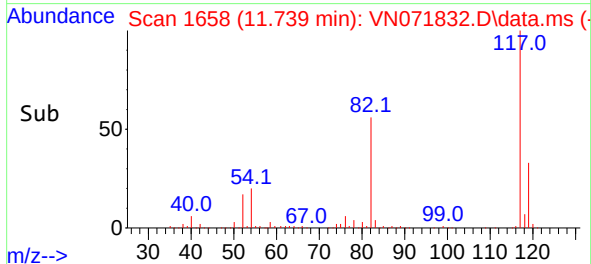
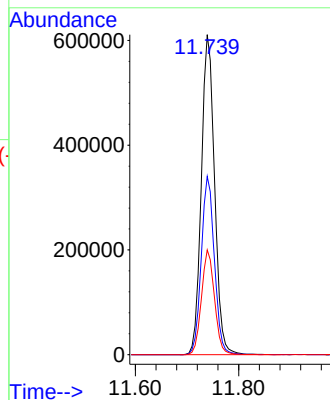
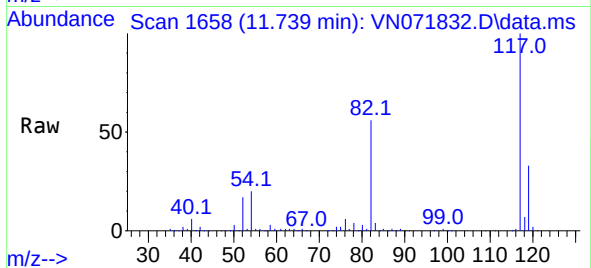




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

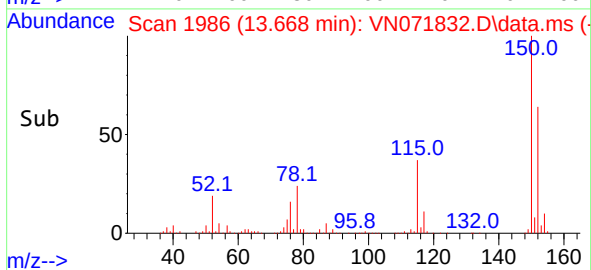
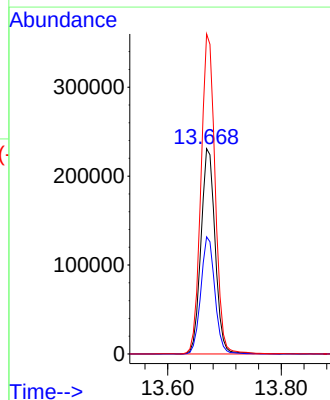
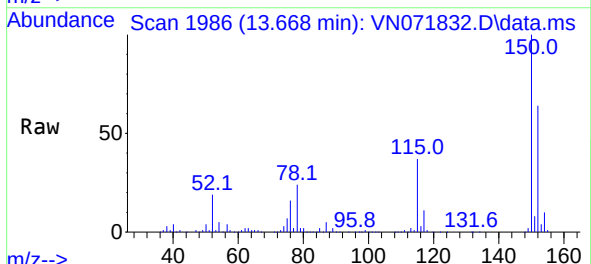
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

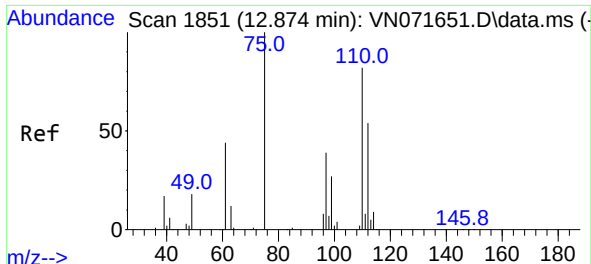
Tgt Ion:117 Resp: 1087880
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion:152 Resp: 401170
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 155.3 0.0 356.2

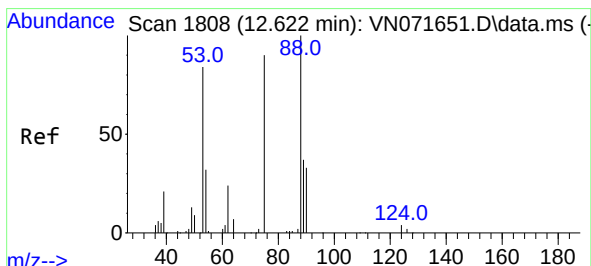
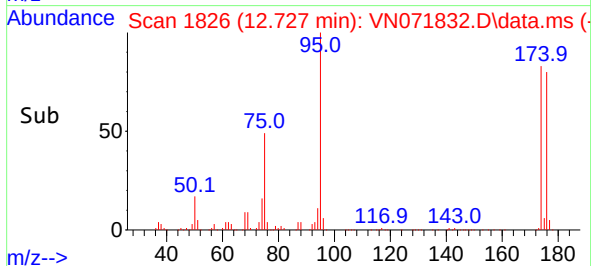
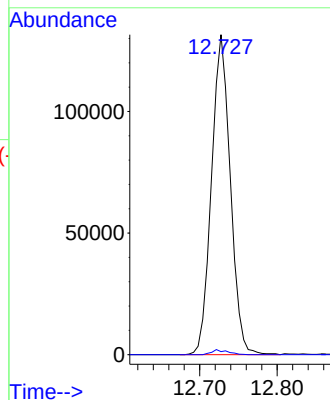
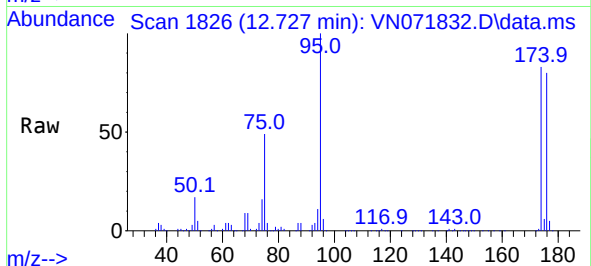




#76
1,2,3-Trichloropropane
Concen: 23.909 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

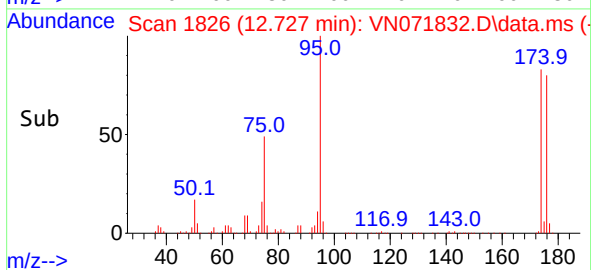
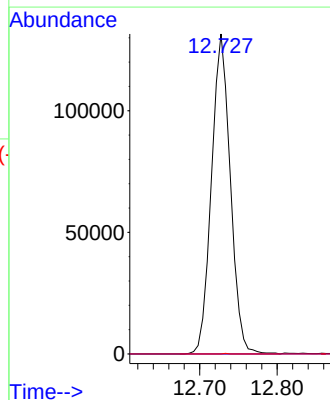
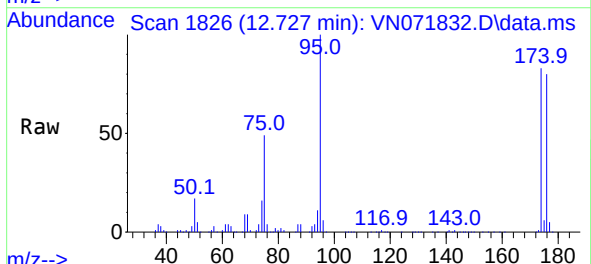
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

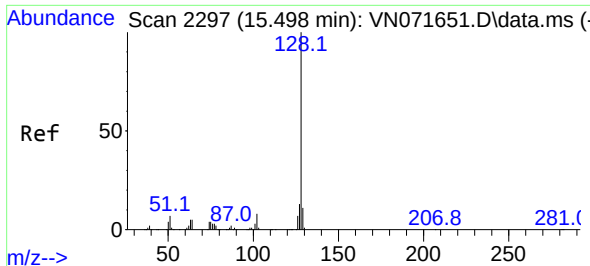
Tgt Ion: 75 Resp: 222196
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.093 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion: 75 Resp: 222196
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

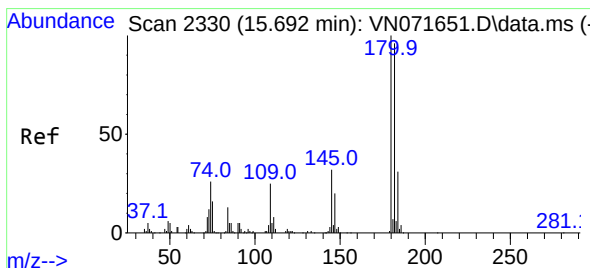
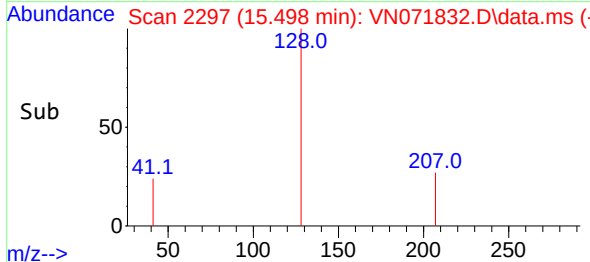
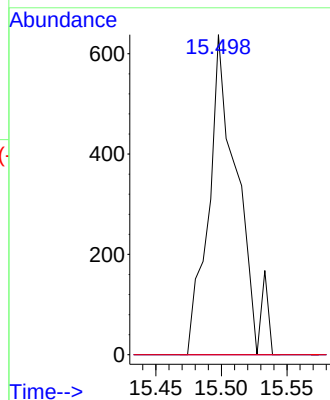
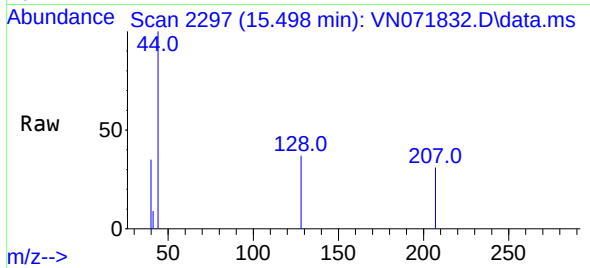




#95
Naphthalene
Concen: 3.852 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

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

Tgt Ion:	128	Resp:	980
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.426 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071832.D
Acq: 04 Apr 2022 15:29

Tgt Ion:	180	Resp:	74
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

