

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073762.D
 Acq On : 05 Aug 2022 15:05
 Operator : JC\MD
 Sample : N4071-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 07 20:51:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

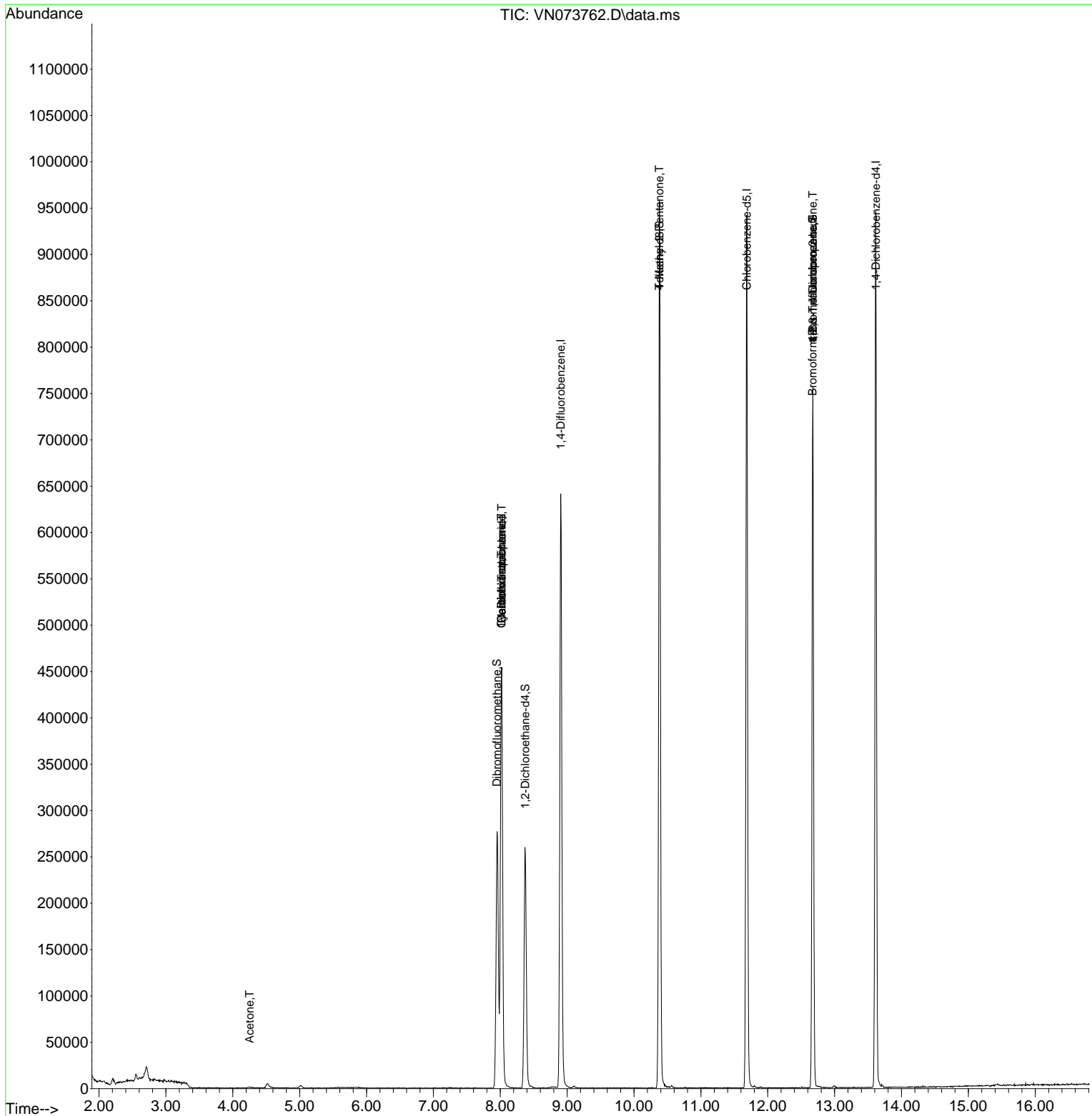
Internal Standards						
1) Pentafluorobenzene	8.022	168	372657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	594919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	555332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	261703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	216296	47.627	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	95.260%	
35) Dibromofluoromethane	7.951	113	205357	54.971	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.940%	
50) Toluene-d8	10.381	98	665731	45.286	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	90.580%	
62) 4-Bromofluorobenzene	12.675	95	246140	50.097	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.200%	
Target Compounds						
						Qvalue
3) Chloromethane	2.263	50	1058	Below Cal		94
6) Chloroethane	2.969	64	528	Below Cal	#	42
16) Acetone	4.252	43	2282	0.936	ug/l #	42
20) Methylene Chloride	5.016	84	2653	Below Cal	#	75
31) Cyclohexane	8.016	56	7122	1.053	ug/l #	23
36) 1,1-Dichloropropene	8.016	75	26113	4.904	ug/l #	48
38) Carbon Tetrachloride	8.022	117	34322	6.347	ug/l #	16
51) 4-Methyl-2-Pentanone	10.381	43	2944	0.433	ug/l #	1
71) Bromoform	12.669	173	1572	0.450	ug/l #	28
76) 1,2,3-Trichloropropane	12.675	75	126880	24.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	126880	62.830	ug/l #	10

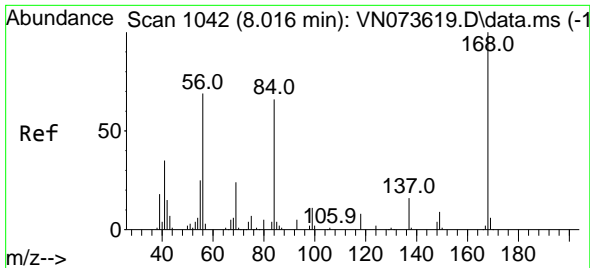
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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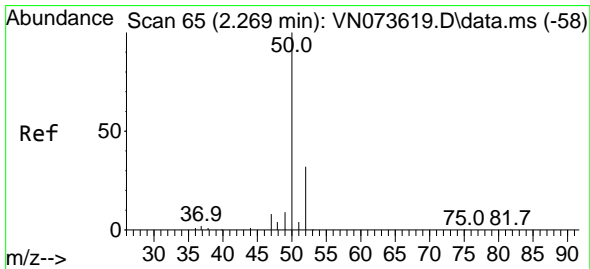
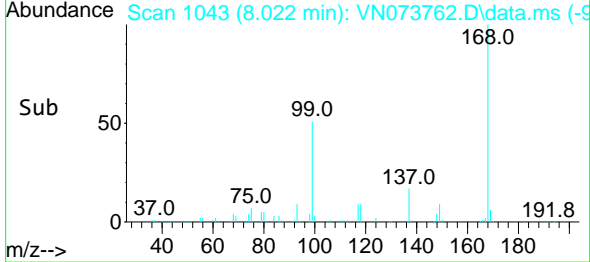
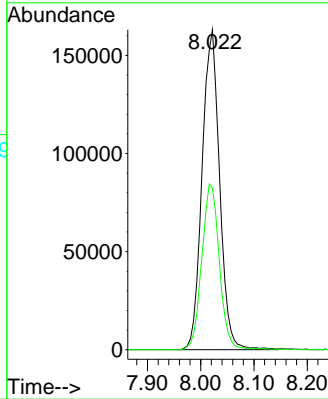
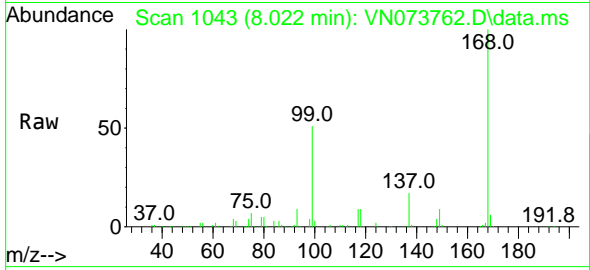




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.022 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

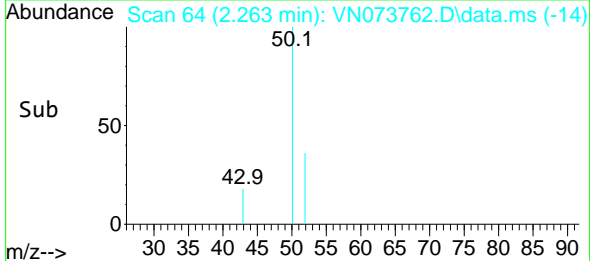
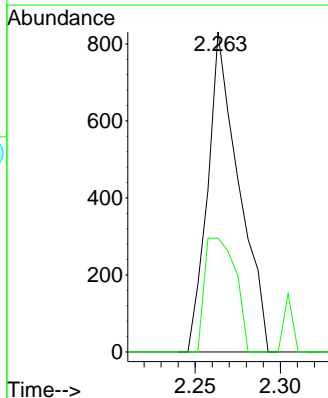
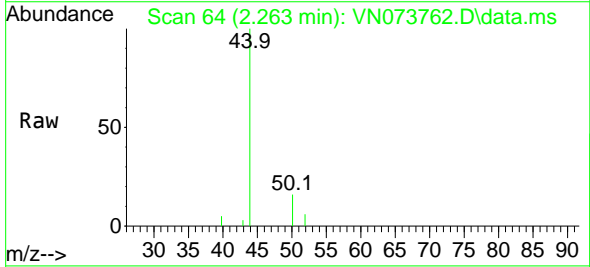
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

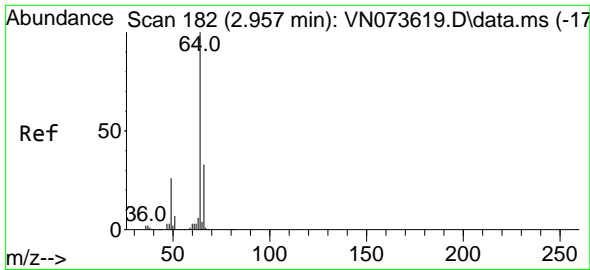
Tgt Ion:168 Resp: 372657
 Ion Ratio Lower Upper
 168 100
 99 50.5 42.3 63.5



#3
 Chloromethane
 Concen: Below Cal
 RT: 2.263 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

Tgt Ion: 50 Resp: 1058
 Ion Ratio Lower Upper
 50 100
 52 35.6 25.7 38.5

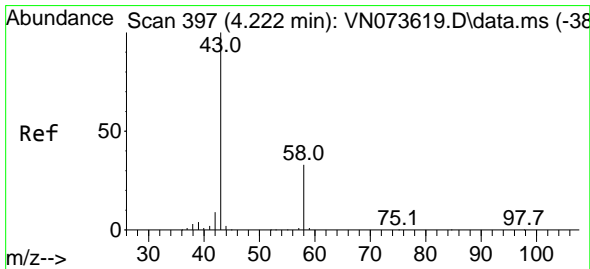
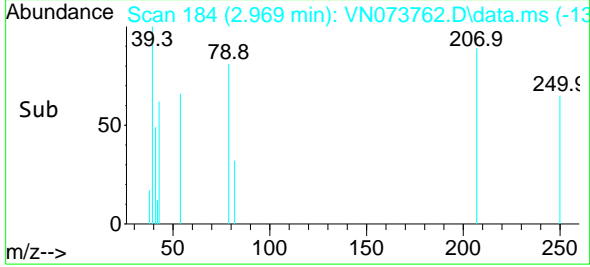
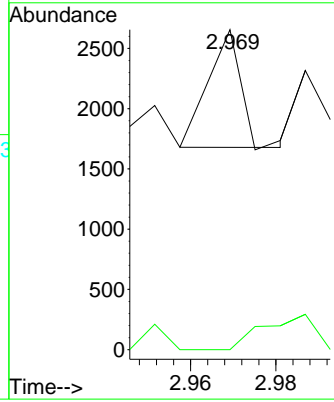
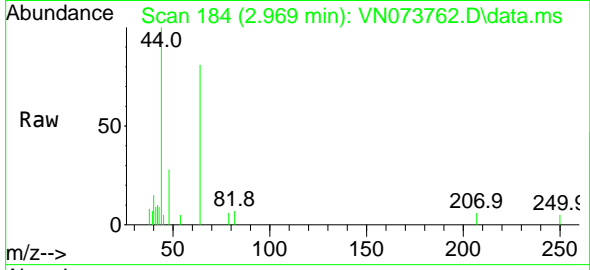




#6
 Chloroethane
 Concen: Below Cal
 RT: 2.969 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

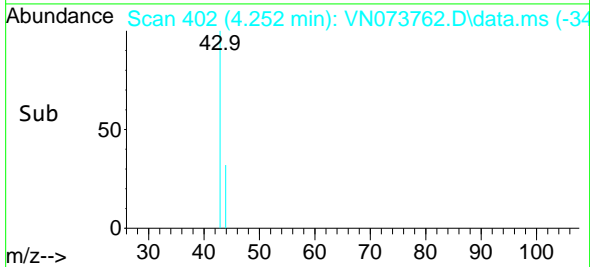
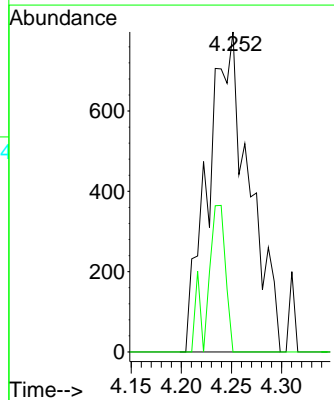
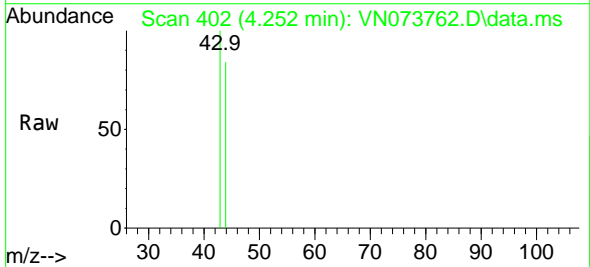
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

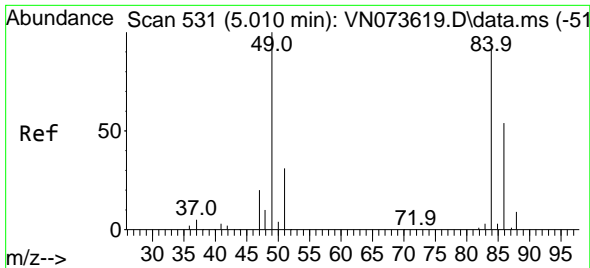
Tgt Ion: 64 Resp: 528
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.2 39.4#



#16
 Acetone
 Concen: 0.936 ug/l
 RT: 4.252 min Scan# 402
 Delta R.T. 0.030 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

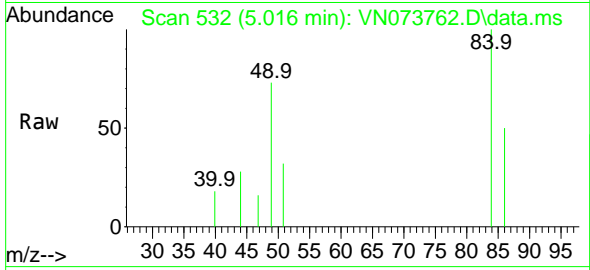
Tgt Ion: 43 Resp: 2282
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.0 39.0#





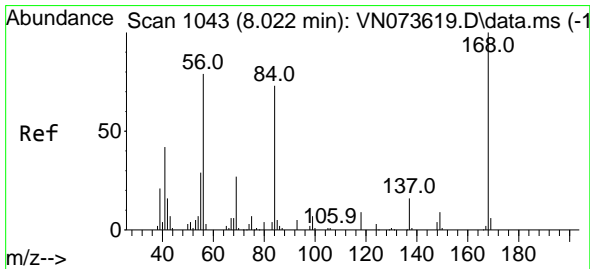
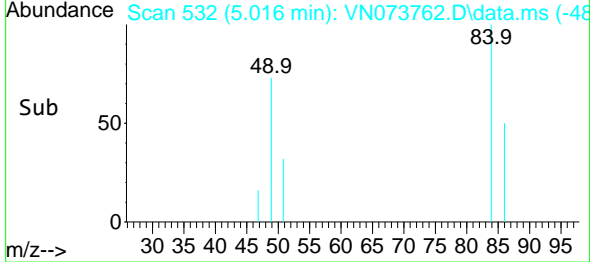
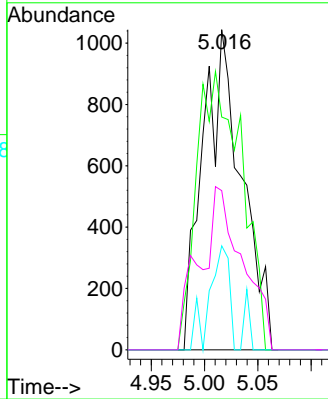
#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073762.D
Acq: 05 Aug 2022 15:05

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

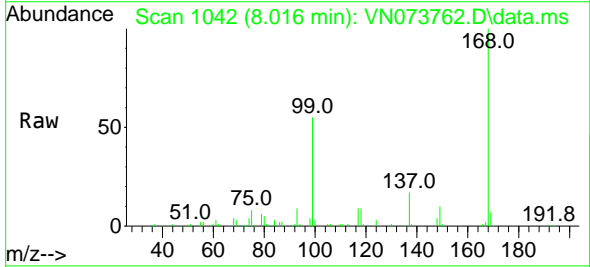


Tgt Ion: 84 Resp: 2653

Ion	Ratio	Lower	Upper
84	100		
49	72.7	88.3	132.5#
51	32.5	28.2	42.2
86	49.7	50.6	76.0#

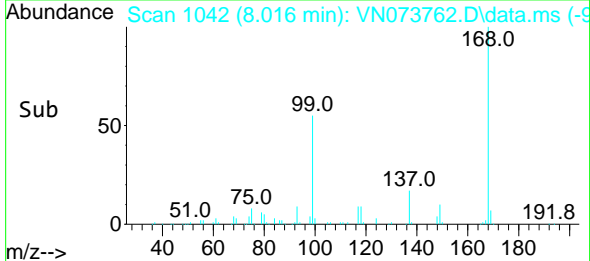
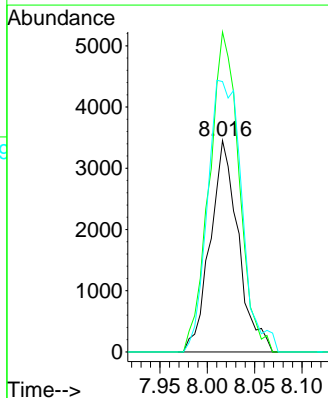


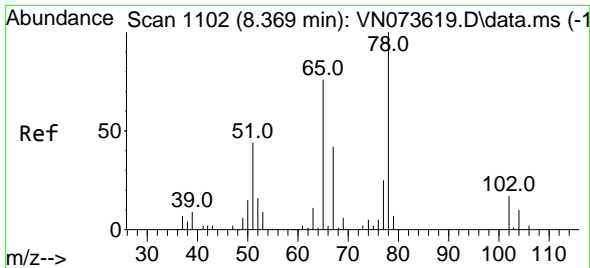
#31
Cyclohexane
Concen: 1.053 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073762.D
Acq: 05 Aug 2022 15:05



Tgt Ion: 56 Resp: 7122

Ion	Ratio	Lower	Upper
56	100		
69	151.3	27.8	41.8#
84	127.9	76.9	115.3#

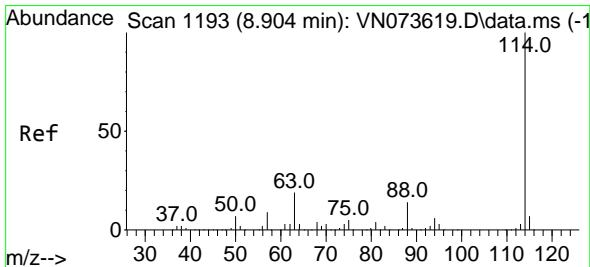
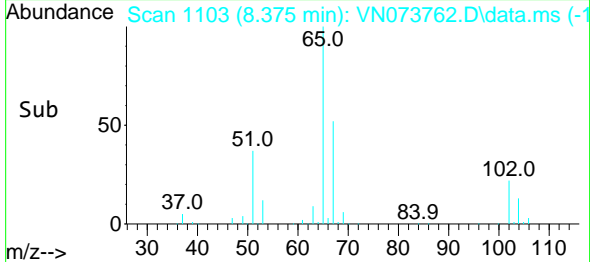
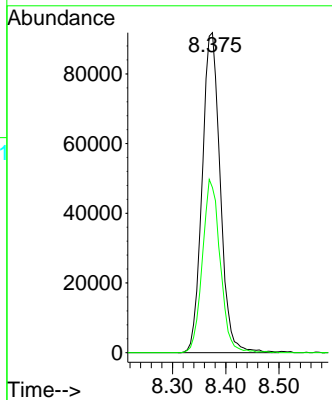
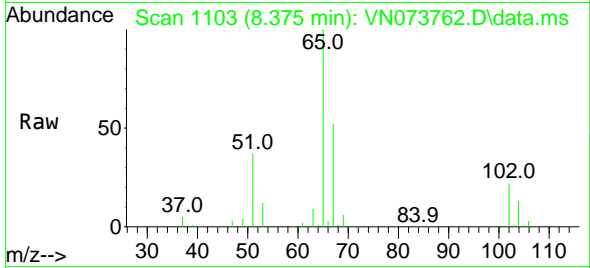




#33
 1,2-Dichloroethane-d4
 Concen: 47.627 ug/l
 RT: 8.375 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

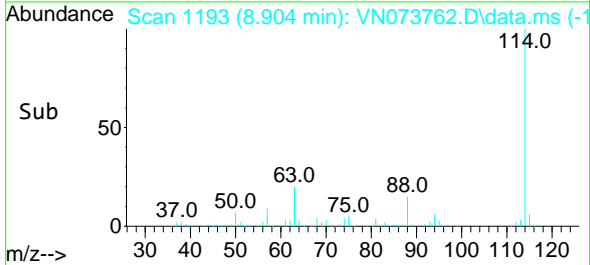
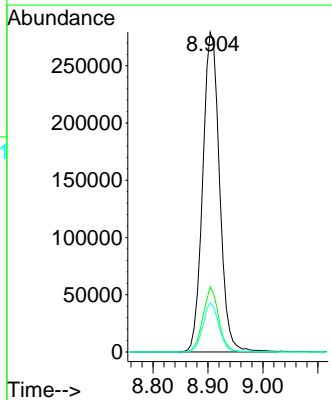
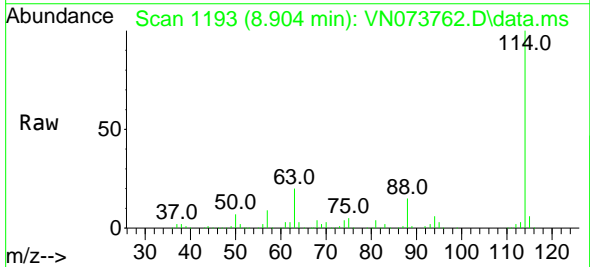
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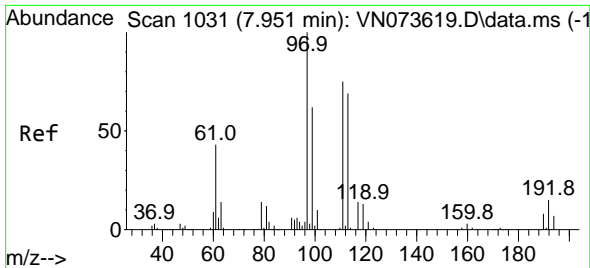
Tgt Ion: 65 Resp: 216296
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

Tgt Ion:114 Resp: 594919
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.3 0.0 32.6

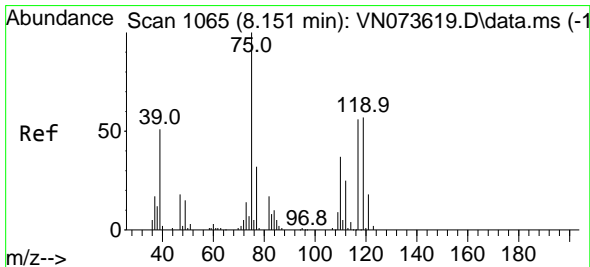
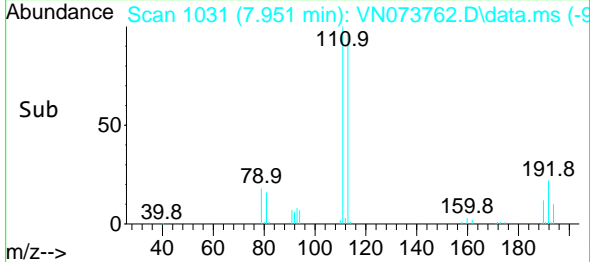
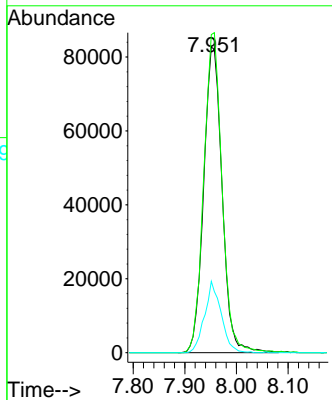
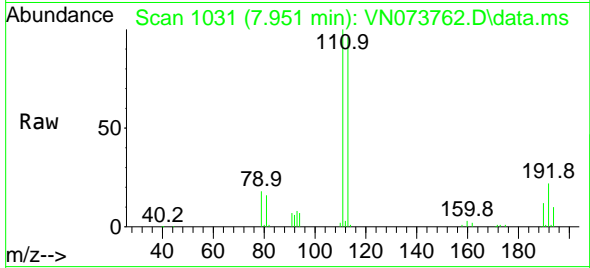




#35
 Dibromofluoromethane
 Concen: 54.971 ug/l
 RT: 7.951 min Scan# 1042
 Delta R.T. 0.000 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

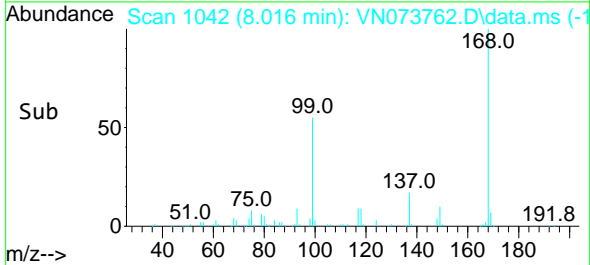
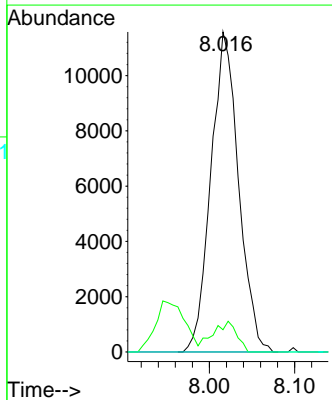
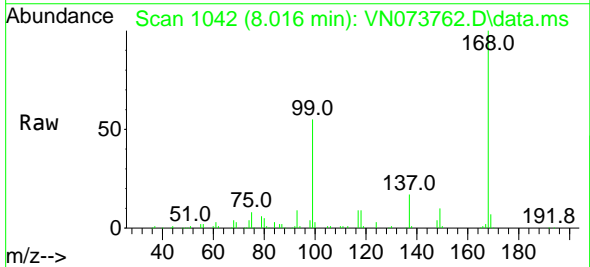
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

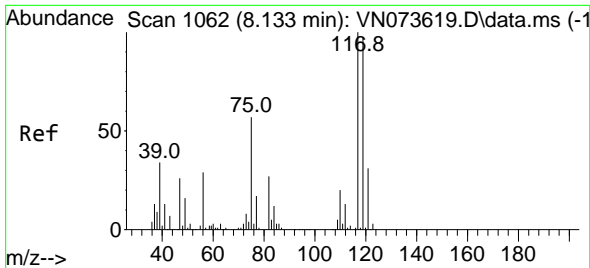
Tgt Ion:	113	Resp:	205357
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.4	122.0
192	21.0	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.904 ug/l
 RT: 8.016 min Scan# 1042
 Delta R.T. -0.135 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

Tgt Ion:	75	Resp:	26113
Ion Ratio	Lower	Upper	
75	100		
110	8.4	18.3	54.8#
77	0.0	25.1	37.7#



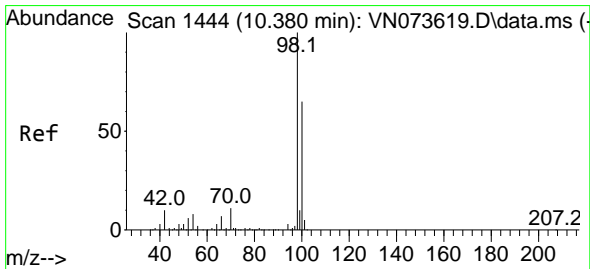
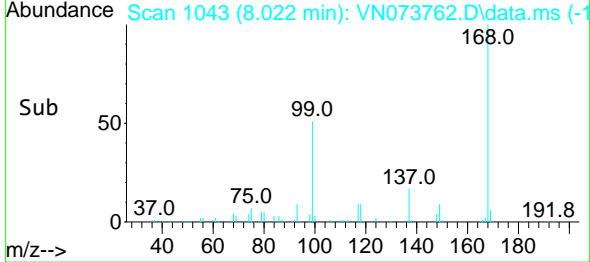
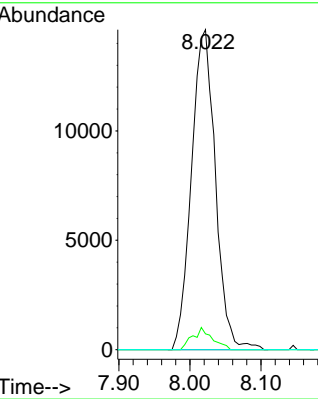
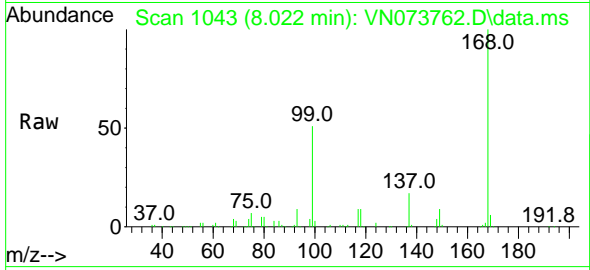


#38
 Carbon Tetrachloride
 Concen: 6.347 ug/l
 RT: 8.022 min Scan# 1062
 Delta R.T. -0.112 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

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

Tgt Ion:117 Resp: 34322

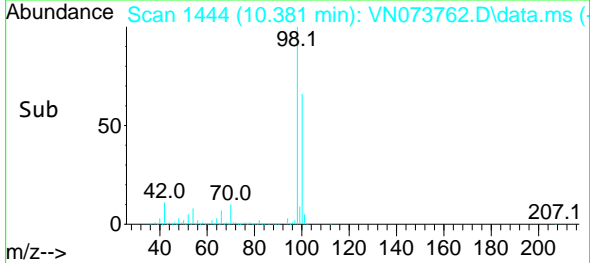
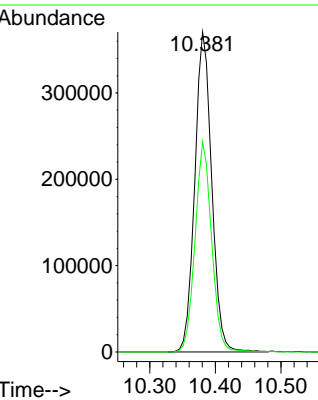
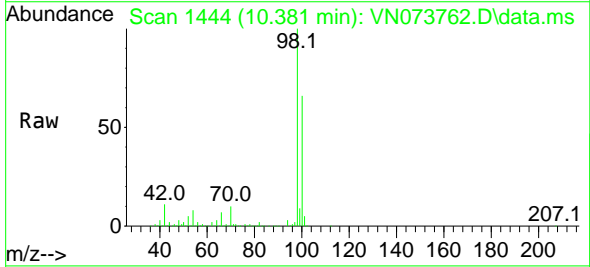
Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.8#
121	0.0	24.6	37.0#

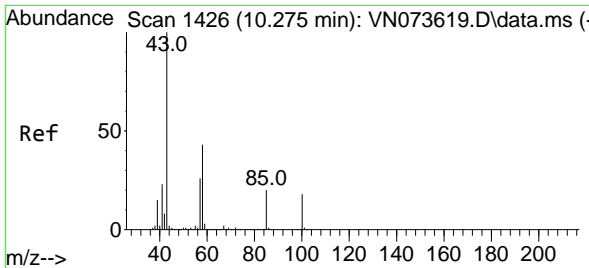


#50
 Toluene-d8
 Concen: 45.286 ug/l
 RT: 10.381 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

Tgt Ion: 98 Resp: 665731

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8

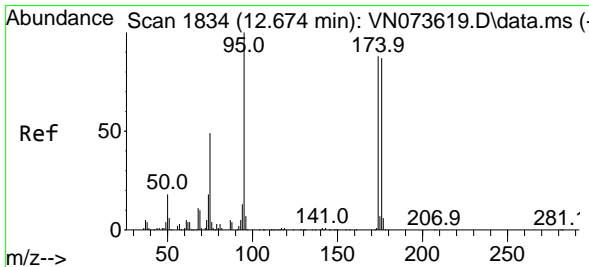
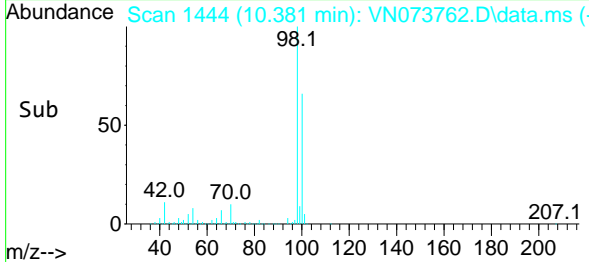
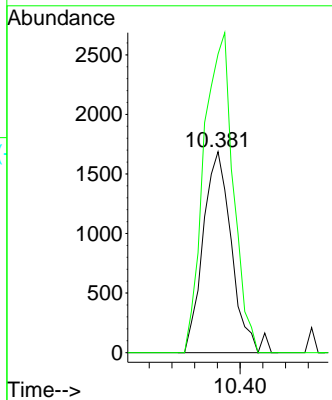
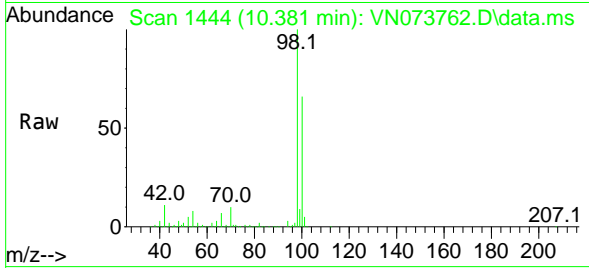




#51
 4-Methyl-2-Pentanone
 Concen: 0.433 ug/l
 RT: 10.381 min Scan# 1426
 Delta R.T. 0.106 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

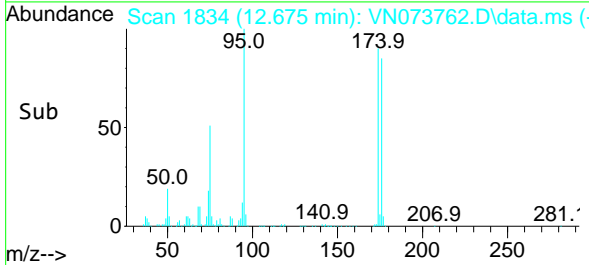
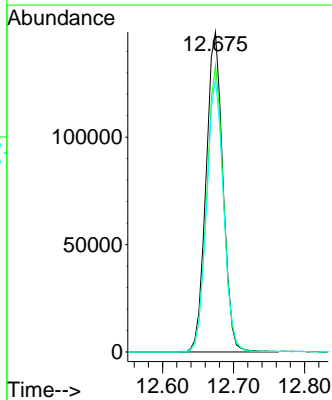
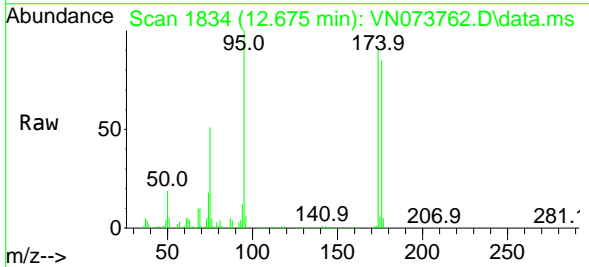
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

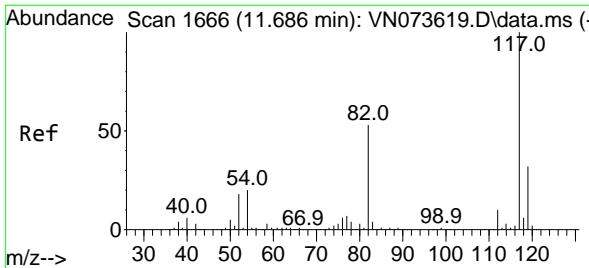
Tgt Ion: 43 Resp: 2944
 Ion Ratio Lower Upper
 43 100
 58 163.5 34.1 51.1#



#62
 4-Bromofluorobenzene
 Concen: 50.097 ug/l
 RT: 12.675 min Scan# 1834
 Delta R.T. 0.001 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

Tgt Ion: 95 Resp: 246140
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 167.6
 176 85.5 0.0 163.4

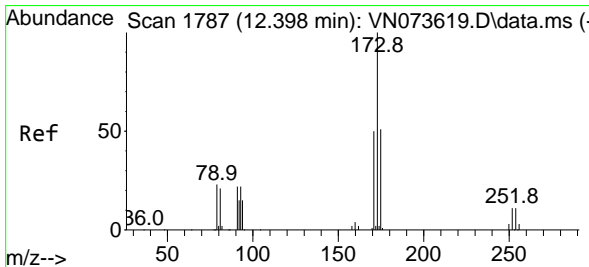
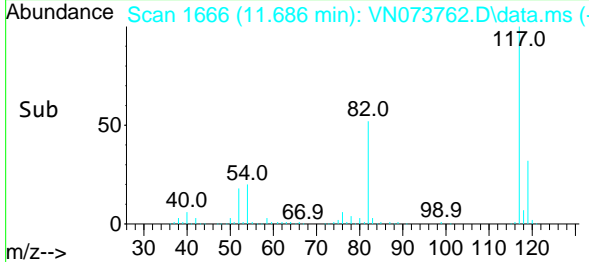
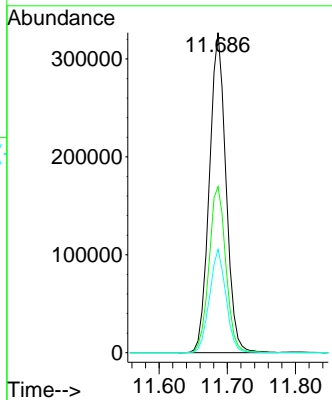
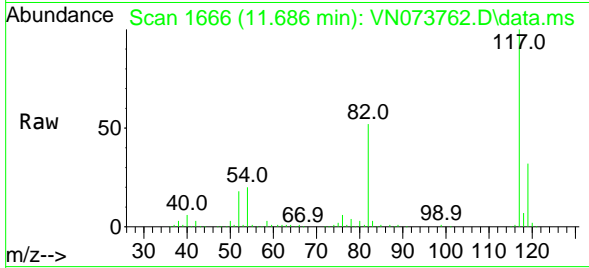




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.686 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

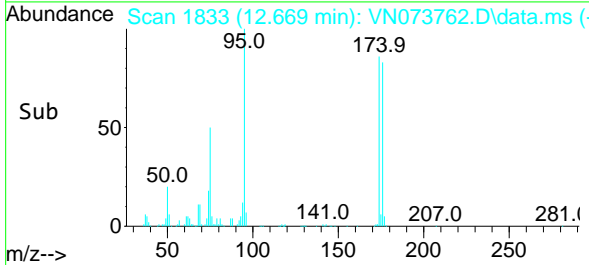
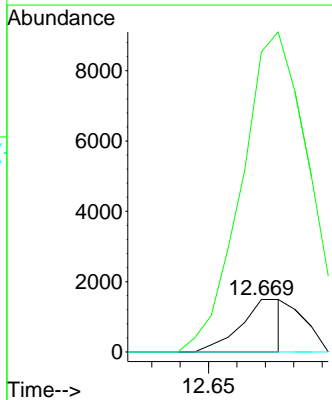
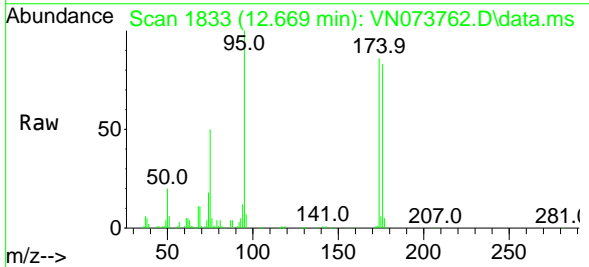
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

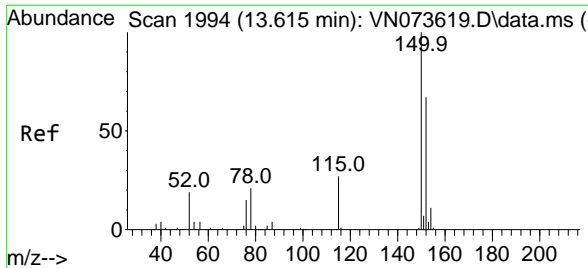
Tgt Ion	Resp	Lower	Upper
117	555332		
82	100	44.2	66.2
119	32.3	25.4	38.0



#71
 Bromoform
 Concen: 0.450 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. 0.271 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

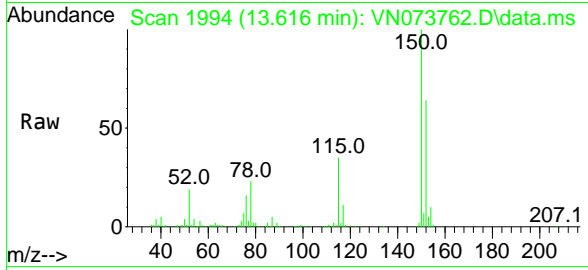
Tgt Ion	Resp	Lower	Upper
173	1572		
175	100	24.6	73.6#
254	0.0	0.1	0.1#



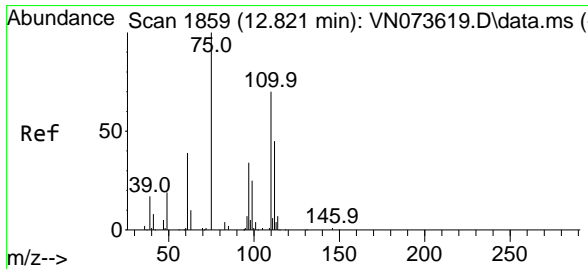
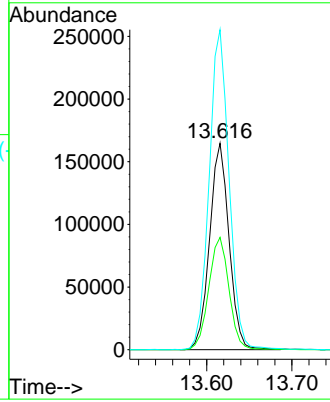
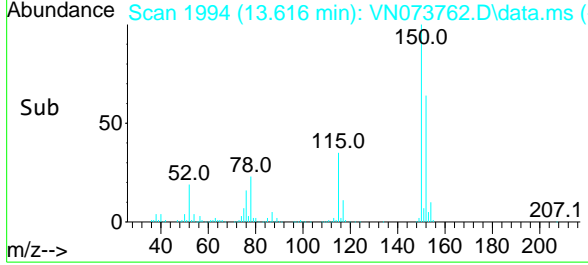


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

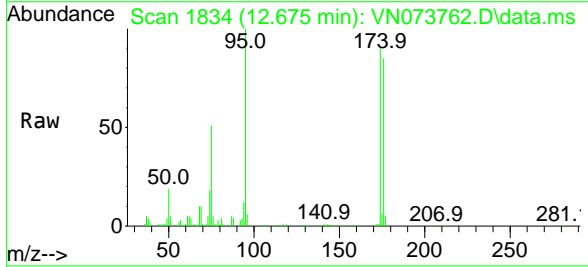
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG



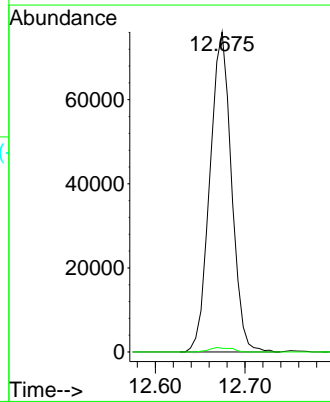
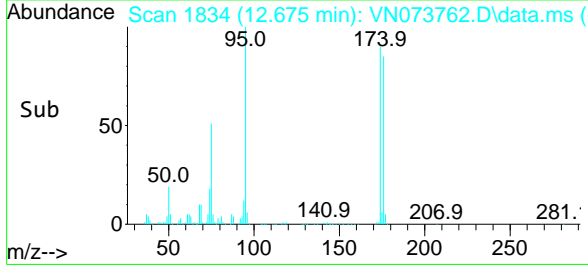
Tgt Ion:152 Resp: 261703
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.9 86.7
 150 158.4 0.0 356.2

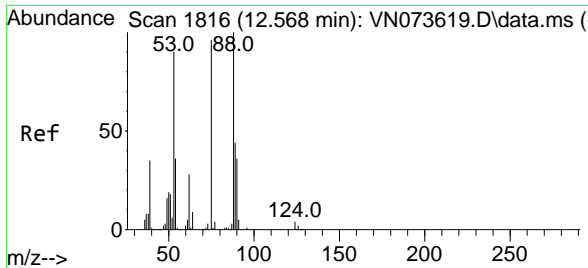


#76
 1,2,3-Trichloropropane
 Concen: 24.843 ug/l
 RT: 12.675 min Scan# 1834
 Delta R.T. -0.146 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05



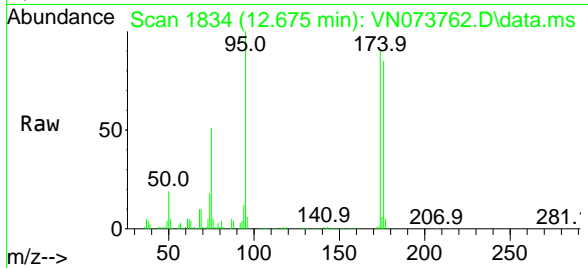
Tgt Ion: 75 Resp: 126880
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.830 ug/l
 RT: 12.675 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073762.D
 Acq: 05 Aug 2022 15:05

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



Tgt Ion: 75 Resp: 126880
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

