

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070610.D
 Acq On : 13 Jan 2022 14:33
 Operator : JC/MD
 Sample : N1123-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220112003-05-TRIP-BLANK

Quant Time: Jan 14 04:53:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	766608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1314917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1168822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	399798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	628199	56.993	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.980%	
35) Dibromofluoromethane	8.021	113	443593	55.756	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.520%	
50) Toluene-d8	10.440	98	1756483	54.044	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	12.731	95	629298	53.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.220%	

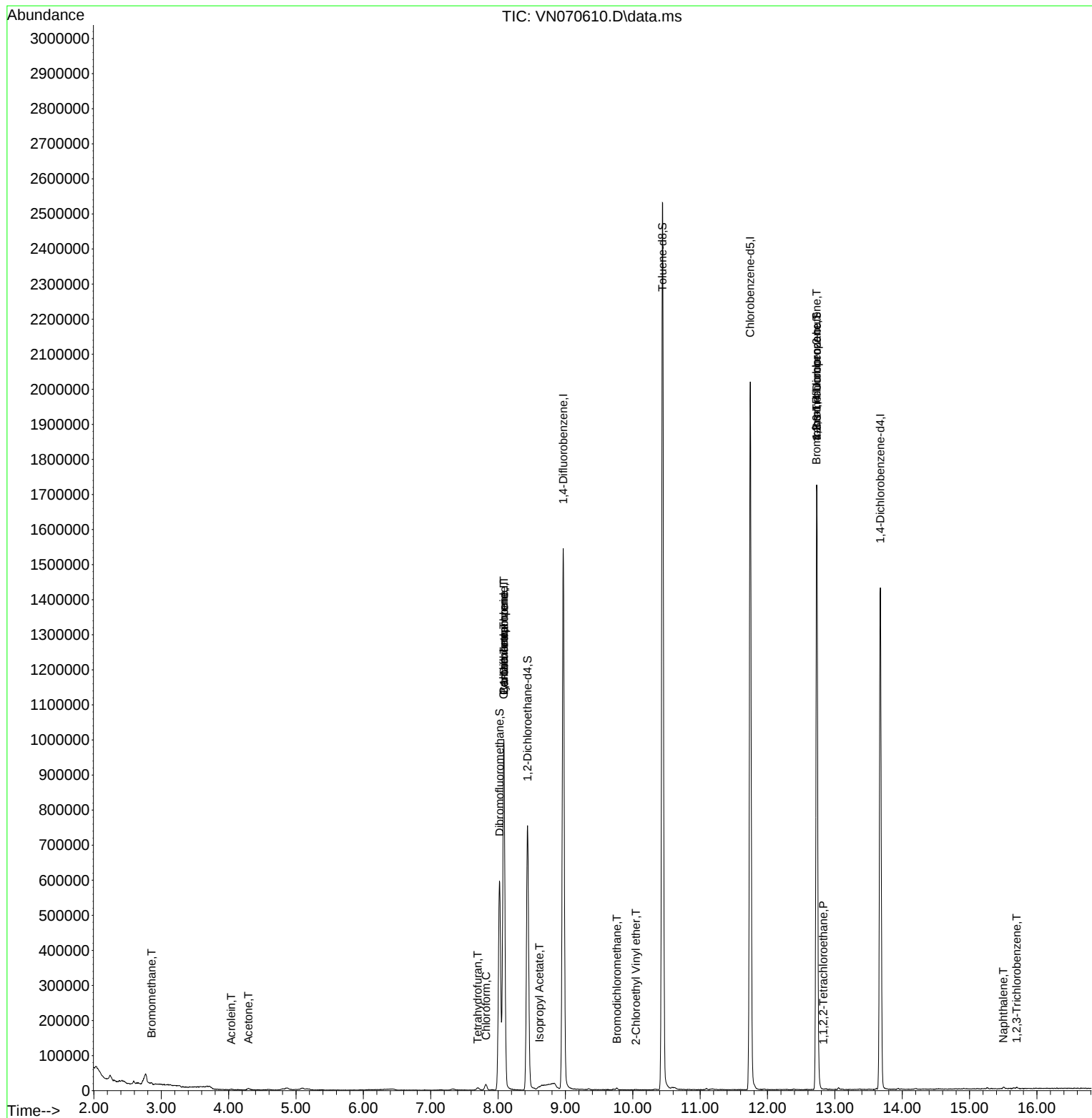
Target Compounds				Qvalue		
5) Bromomethane	2.856	94	1245	0.224	ug/l	90
13) Acrolein	4.038	56	1145	0.769	ug/l #	60
16) Acetone	4.293	43	3450	0.482	ug/l	99
29) Tetrahydrofuran	7.697	42	3434	0.639	ug/l #	85
30) Chloroform	7.820	83	16181	0.938	ug/l	97
31) Cyclohexane	8.083	56	16840	0.968	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	61748	4.692	ug/l #	43
38) Carbon Tetrachloride	8.086	117	73929	5.883	ug/l #	16
43) Isopropyl Acetate	8.614	43	5442	0.202	ug/l #	55
47) Bromodichloromethane	9.764	83	3760	0.280	ug/l #	92
58) 2-Chloroethyl Vinyl ether	10.046	63	562	18.641	ug/l #	53
71) Bromoform	12.728	173	1915	0.291	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.830	83	83	0.453	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	326208	28.788	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	326208	99.688	ug/l #	5
95) Naphthalene	15.501	128	4513	2.036	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.700	180	1012	0.984	ug/l	68

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

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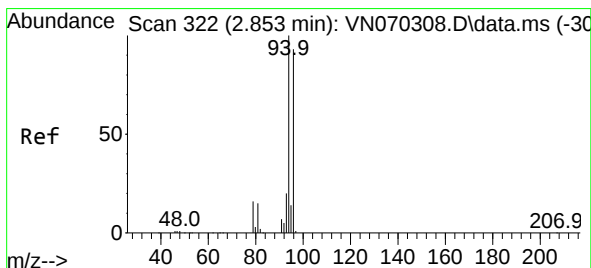
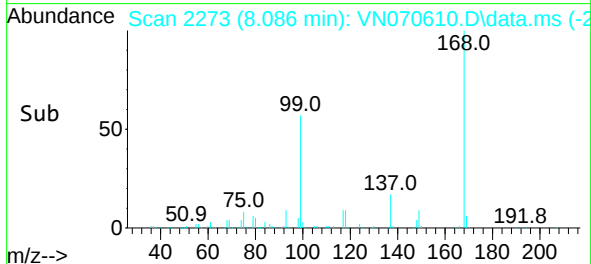
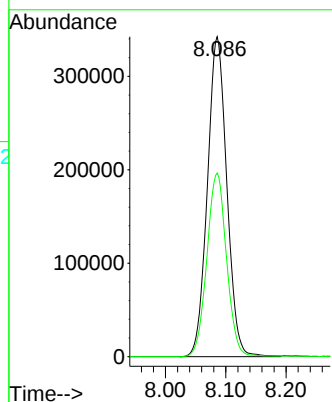
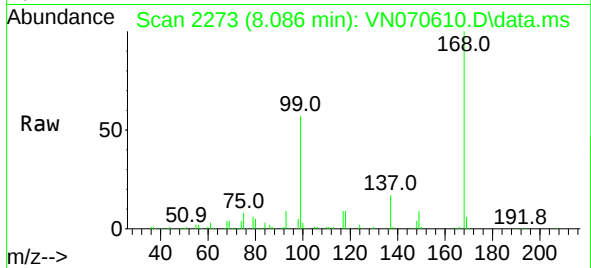




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

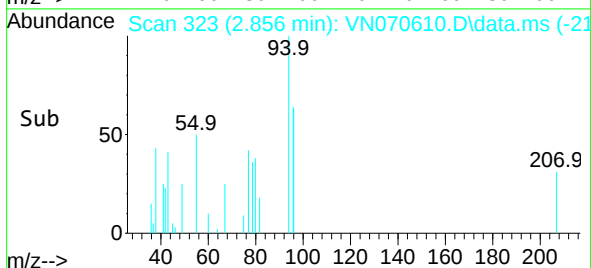
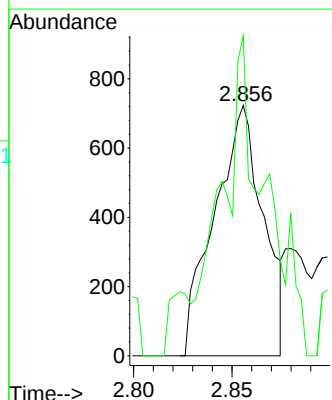
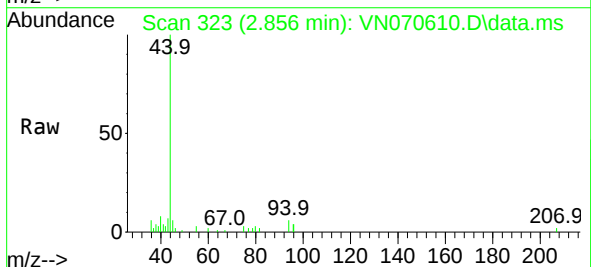
Instrument :
MSVOA_N
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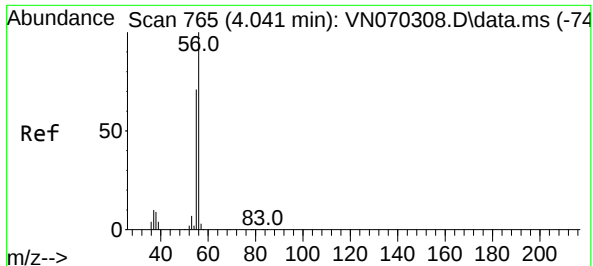
Tgt Ion:168 Resp: 766608
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#5
Bromomethane
Concen: 0.224 ug/l
RT: 2.856 min Scan# 323
Delta R.T. 0.003 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 94 Resp: 1245
Ion Ratio Lower Upper
94 100
96 102.2 73.8 110.8

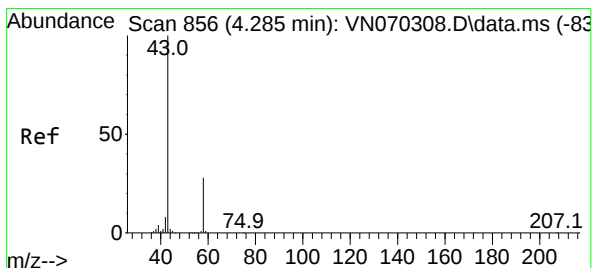
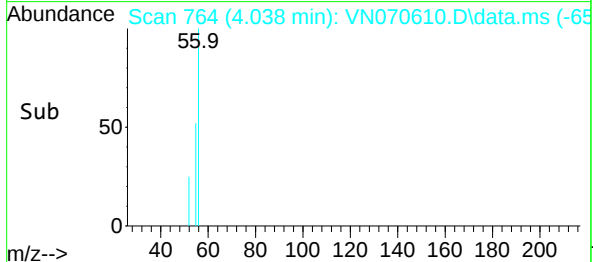
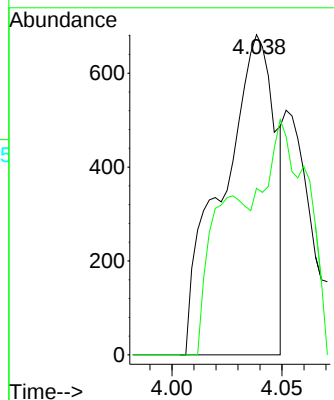
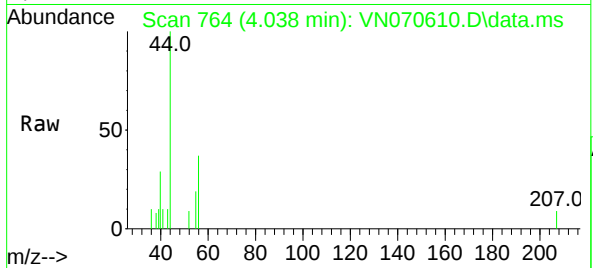




#13
Acrolein
Concen: 0.769 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

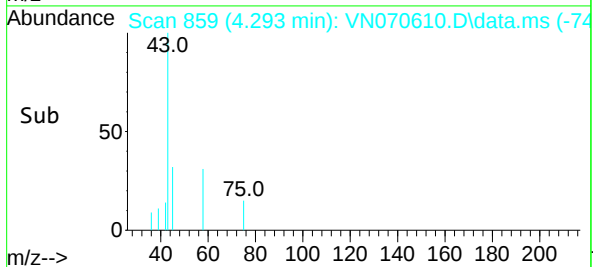
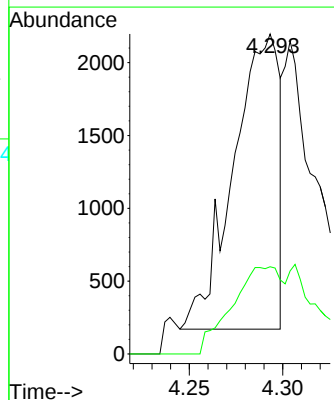
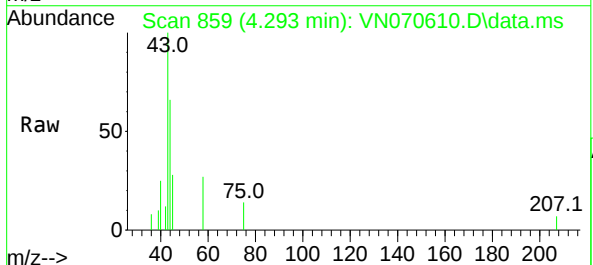
Instrument :
MSVOA_N
ClientSampleId :
220112003-05-TRIP-BLANK

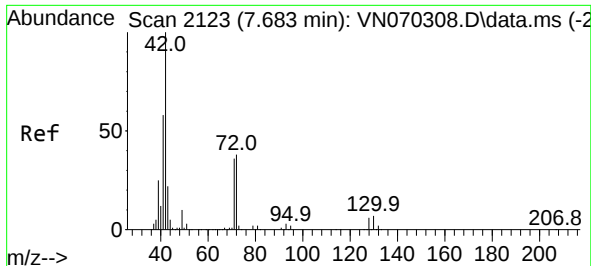
Tgt Ion: 56 Resp: 1145
Ion Ratio Lower Upper
56 100
55 37.7 56.6 85.0#



#16
Acetone
Concen: 0.482 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 43 Resp: 3450
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7





#29

Tetrahydrofuran

Concen: 0.639 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070610.D

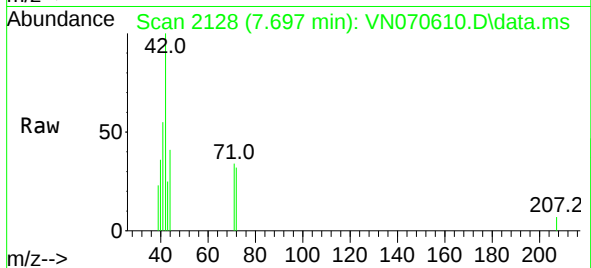
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Instrument :

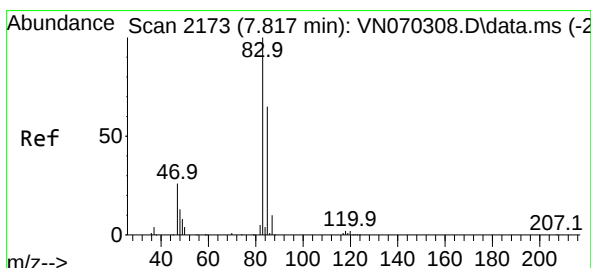
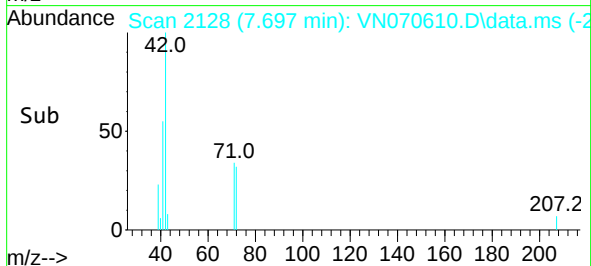
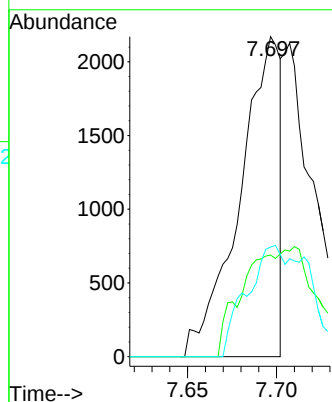
MSVOA_N

ClientSampleId :

220112003-05-TRIP-BLANK



Tgt Ion:	42	Resp:	3434
Ion Ratio	Lower	Upper	
42	100		
72	60.1	36.3	54.5#
71	38.2	34.7	52.1



#30

Chloroform

Concen: 0.938 ug/l

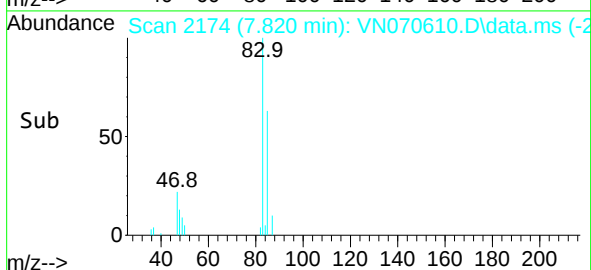
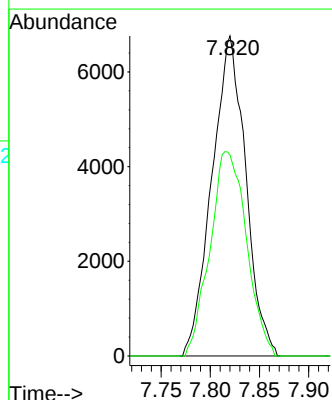
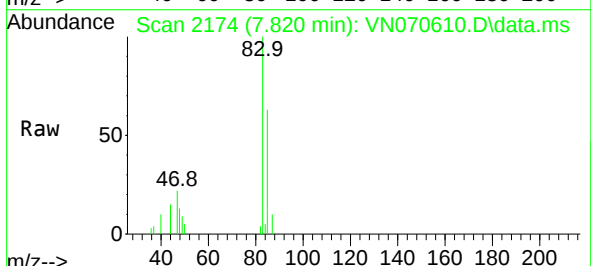
RT: 7.820 min Scan# 2174

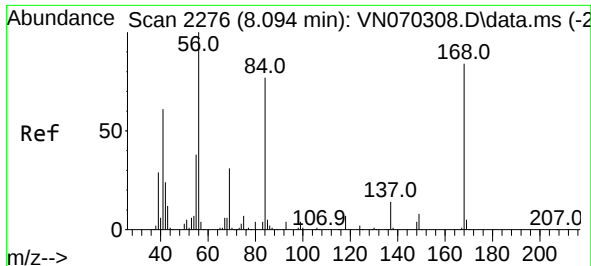
Delta R.T. 0.003 min

Lab File: VN070610.D

Acq: 13 Jan 2022 14:33

Tgt Ion:	83	Resp:	16181
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.9	77.9

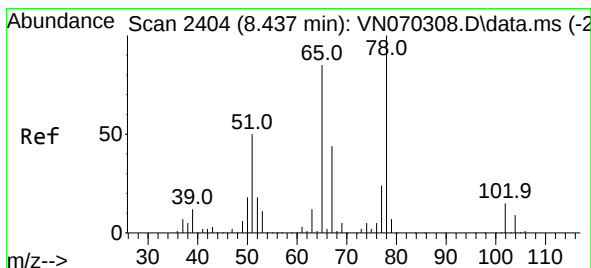
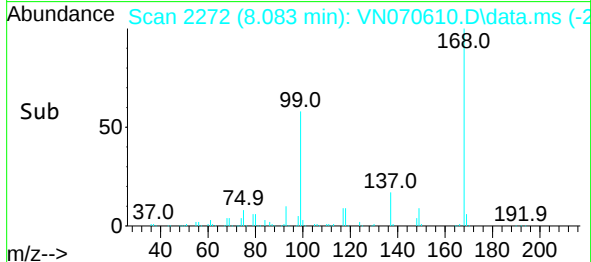
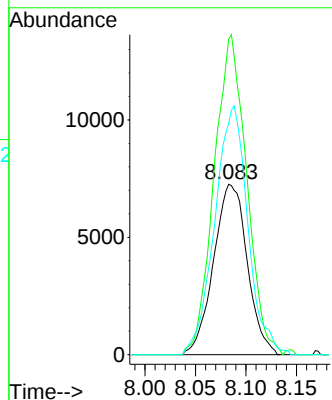
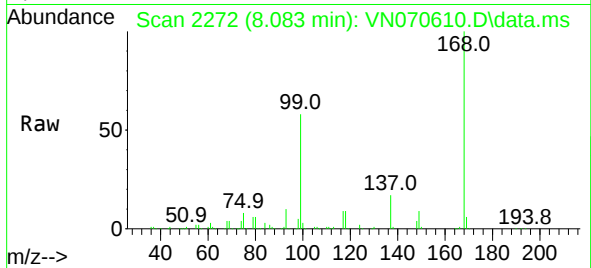




#31
Cyclohexane
Concen: 0.968 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

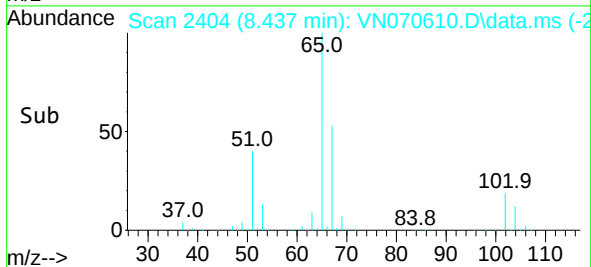
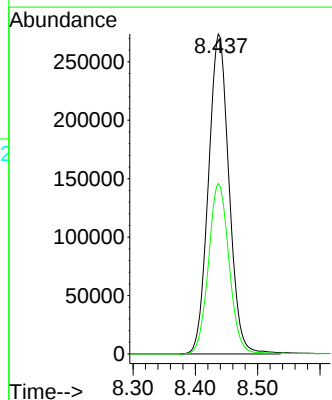
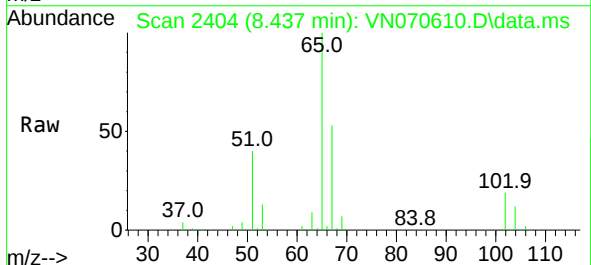
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ClientSampleId :
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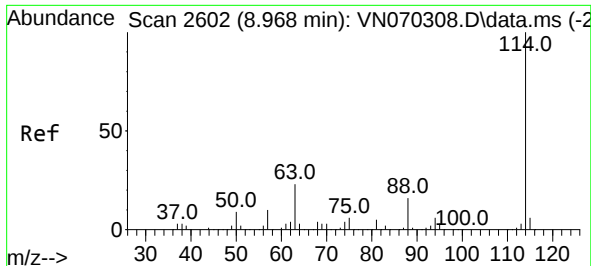
Tgt Ion: 56 Resp: 16840
Ion Ratio Lower Upper
56 100
69 185.2 27.1 40.7#
84 135.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 56.993 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 65 Resp: 628199
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0

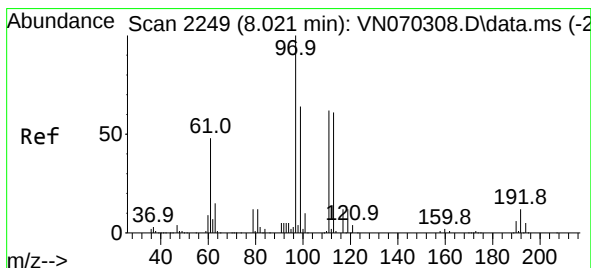
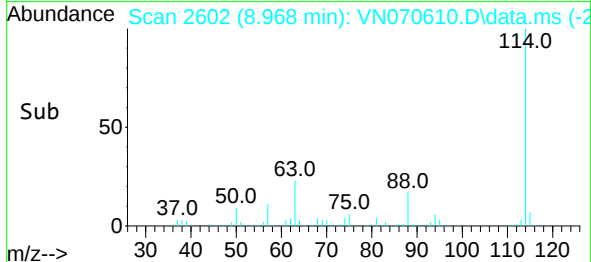
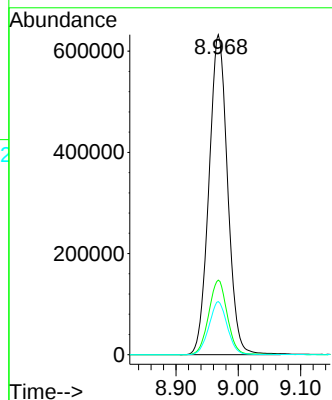
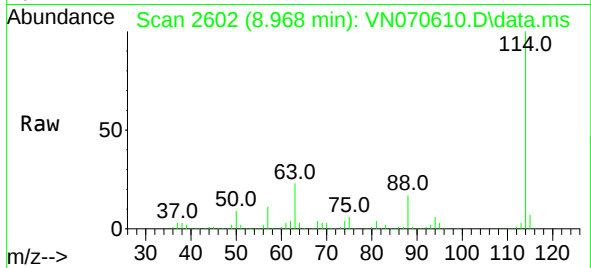




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

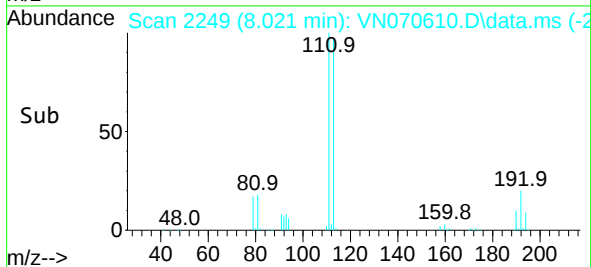
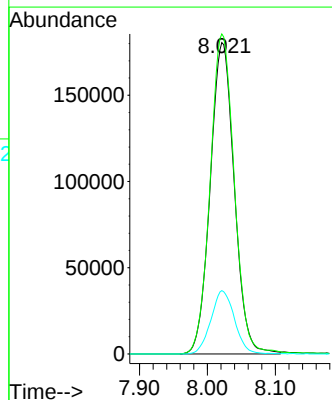
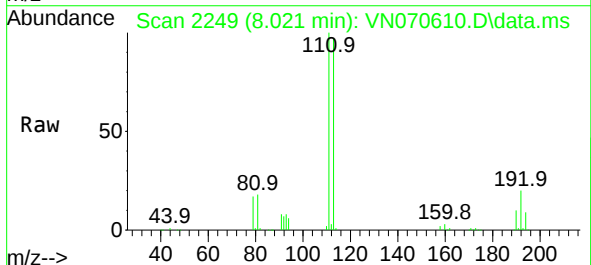
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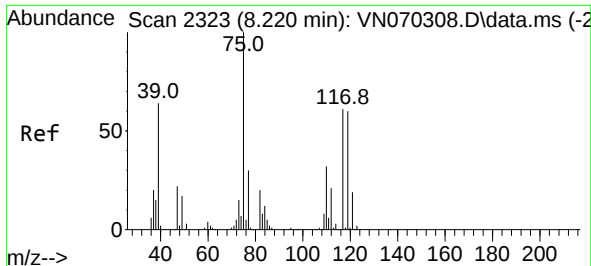
Tgt Ion:114 Resp: 1314917
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 55.756 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion:113 Resp: 443593
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.9 16.9 25.3

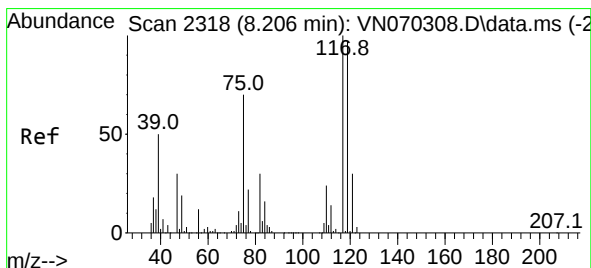
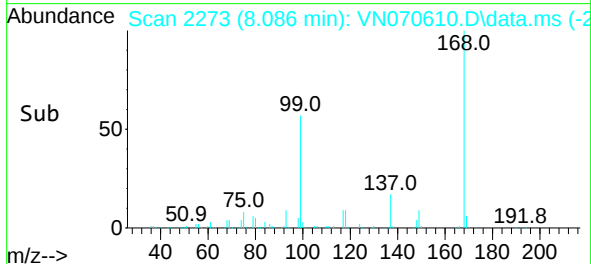
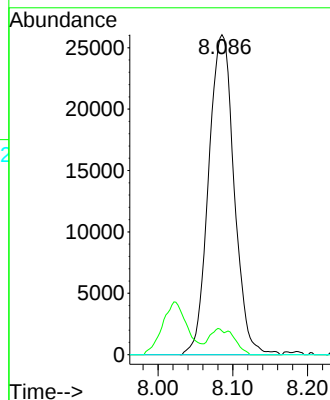
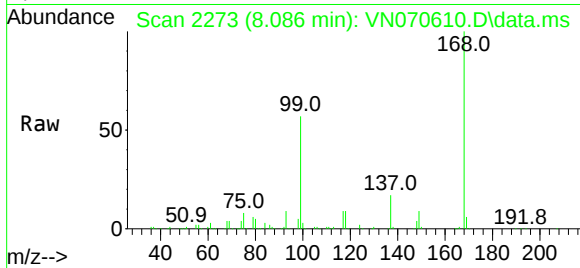




#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.134 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

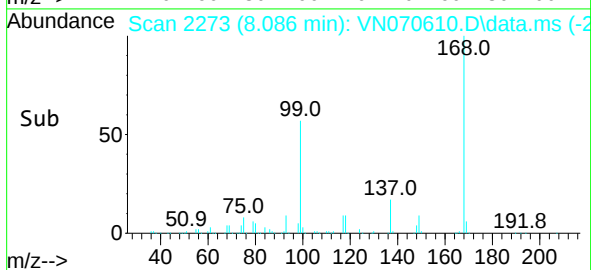
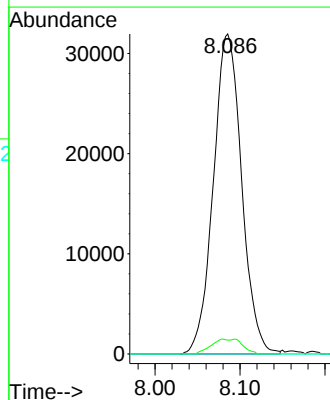
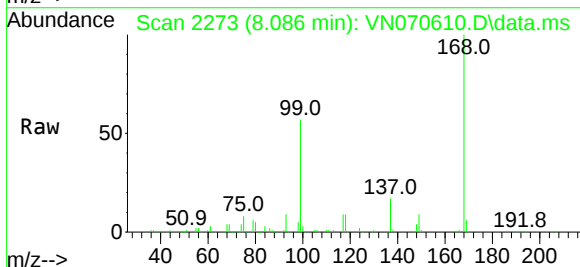
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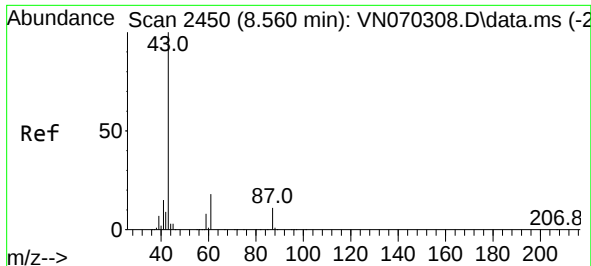
Tgt Ion: 75 Resp: 61748
Ion Ratio Lower Upper
75 100
110 2.2 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.883 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 117 Resp: 73929
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#

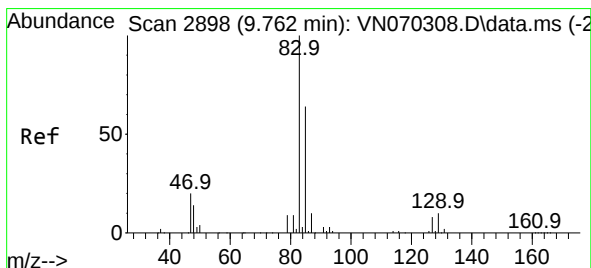
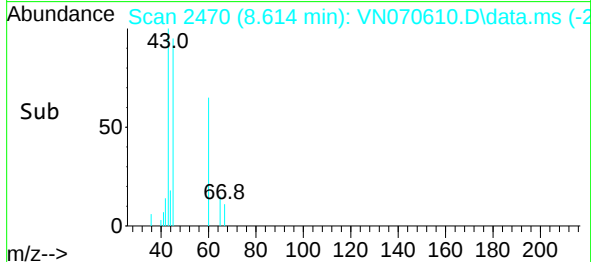
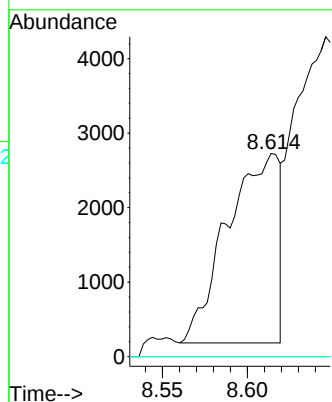
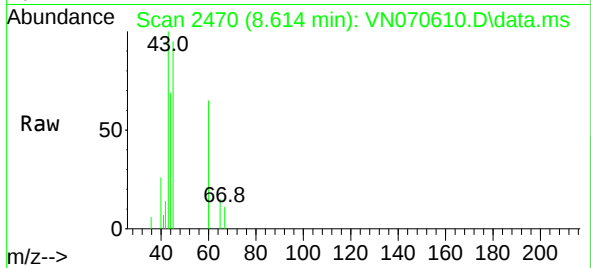




#43
Isopropyl Acetate
Concen: 0.202 ug/l
RT: 8.614 min Scan# 2450
Delta R.T. 0.054 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

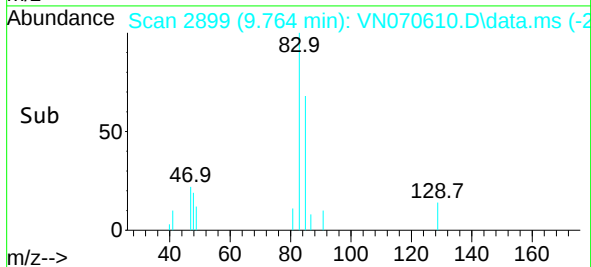
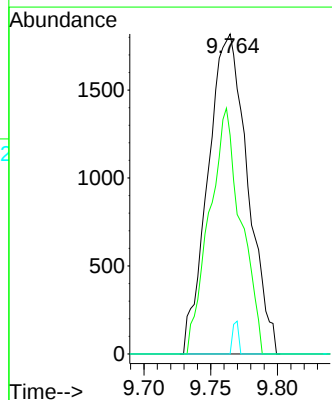
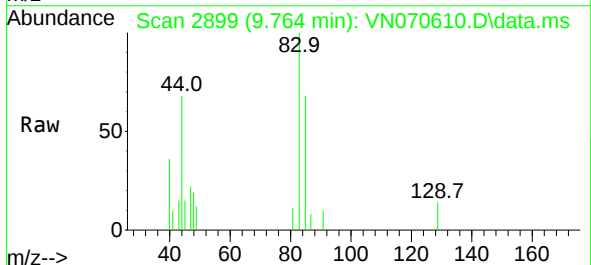
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MSVOA_N
ClientSampleId :
220112003-05-TRIP-BLANK

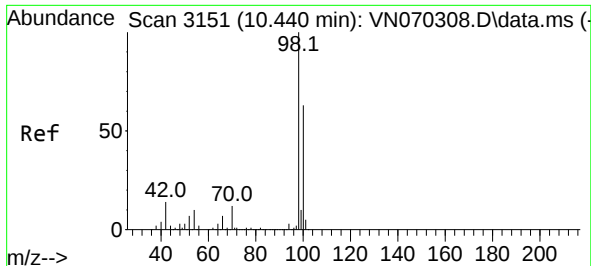
Tgt Ion: 43 Resp: 5442
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.280 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.002 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 83 Resp: 3760
Ion Ratio Lower Upper
83 100
85 68.3 50.9 76.3
127 0.0 7.1 10.7#

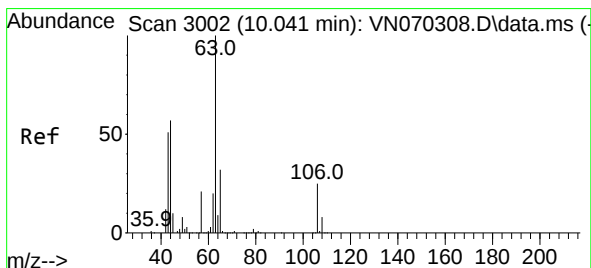
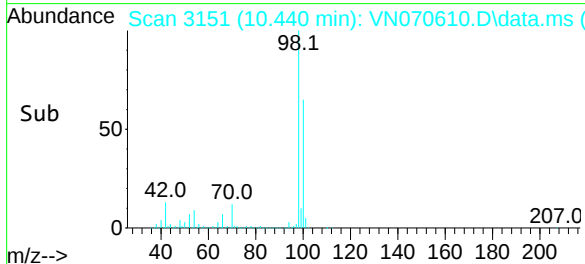
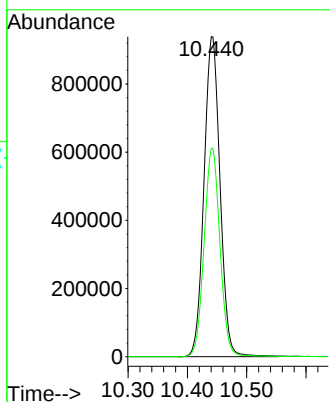
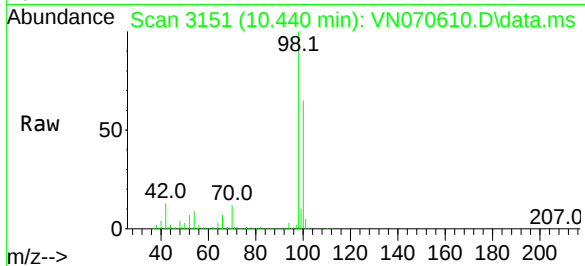




#50
Toluene-d8
Concen: 54.044 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

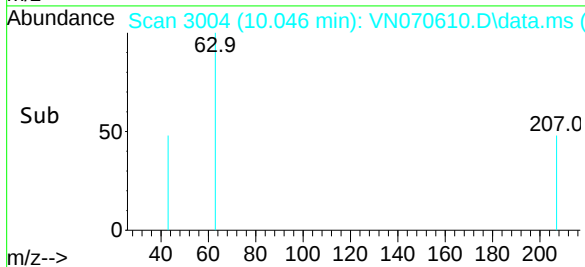
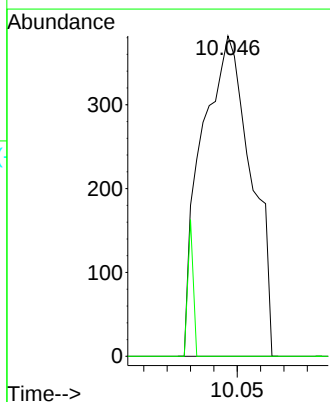
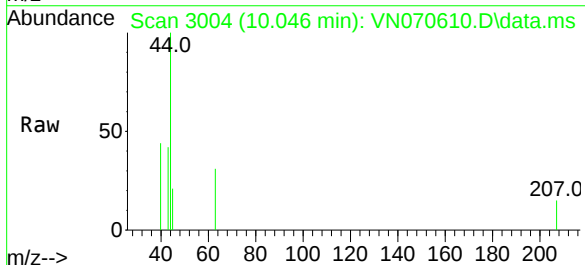
Instrument :
MSVOA_N
ClientSampleId :
220112003-05-TRIP-BLANK

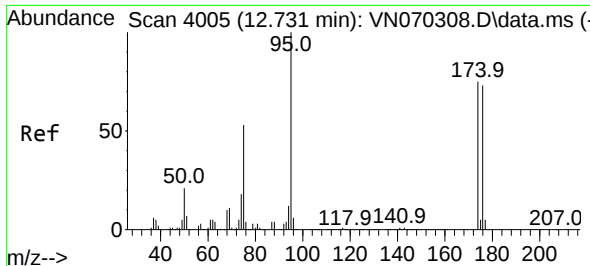
Tgt Ion: 98 Resp: 1756483
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 18.641 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 63 Resp: 562
Ion Ratio Lower Upper
63 100
106 4.6 23.9 35.9#

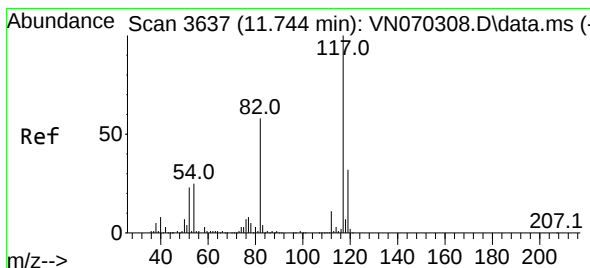
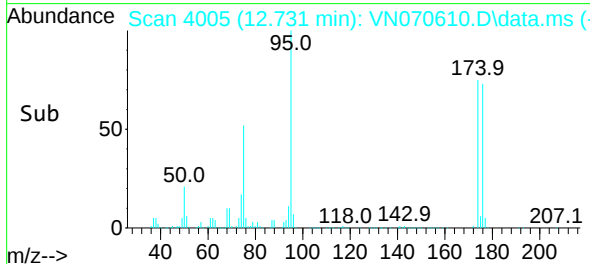
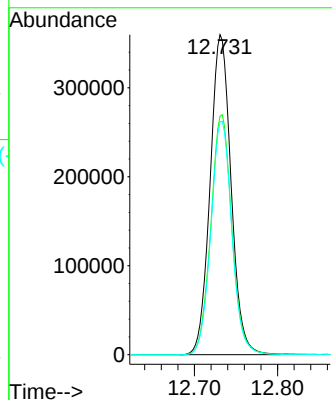
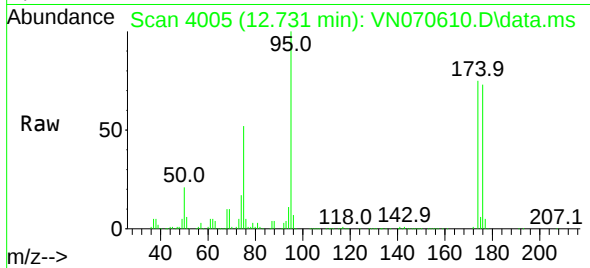




#62
4-Bromofluorobenzene
Concen: 53.609 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

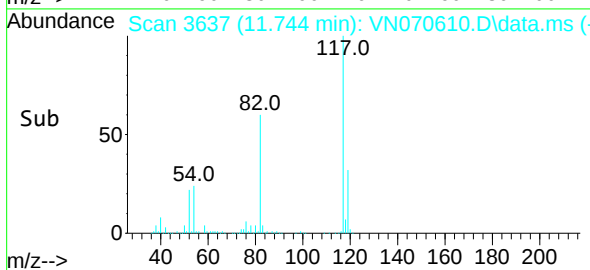
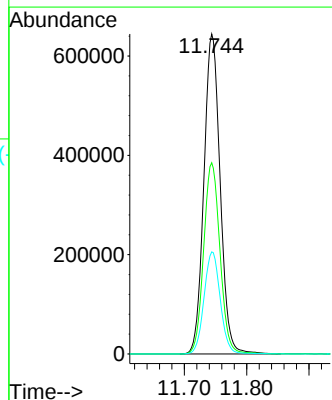
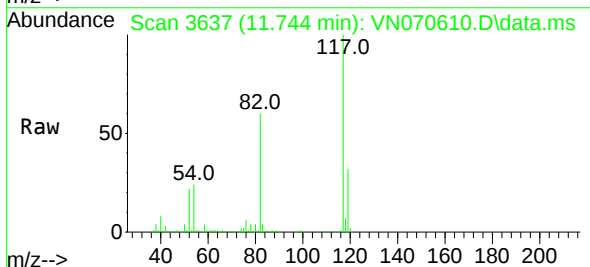
Instrument :
MSVOA_N
ClientSampleId :
220112003-05-TRIP-BLANK

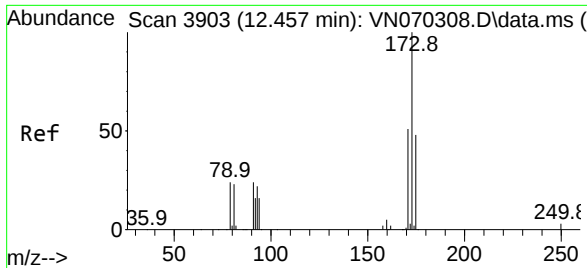
Tgt Ion: 95 Resp: 629298
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 73.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 117 Resp: 1168822
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 25.4 38.2

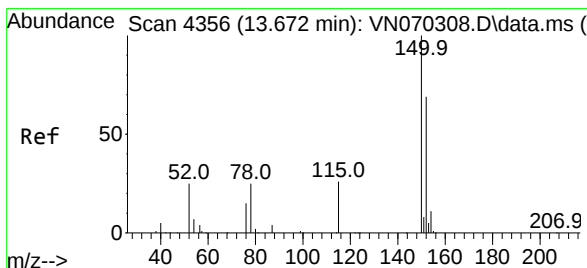
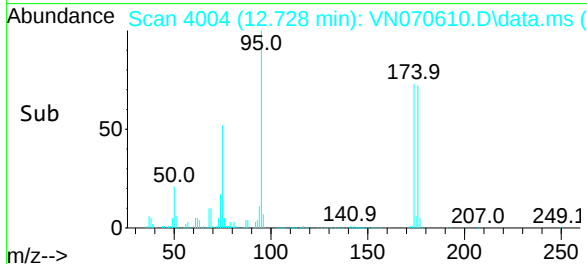
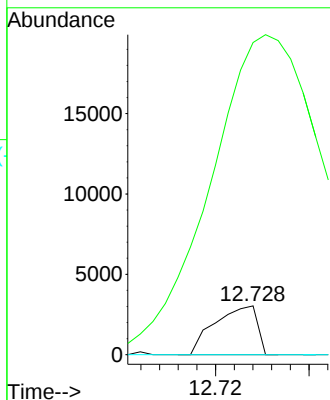
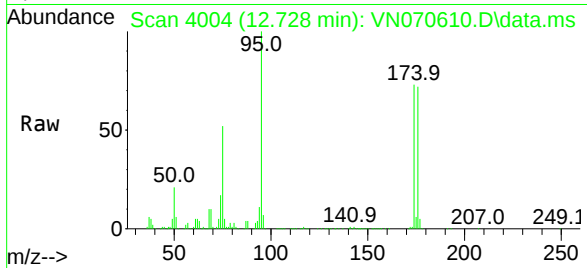




#71
Bromoform
Concen: 0.291 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.271 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

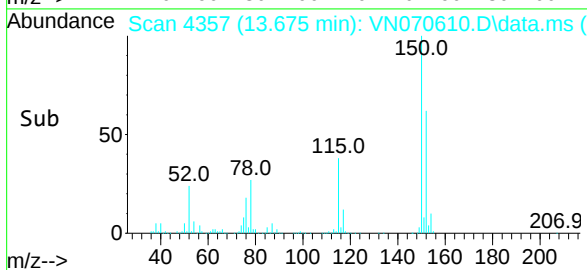
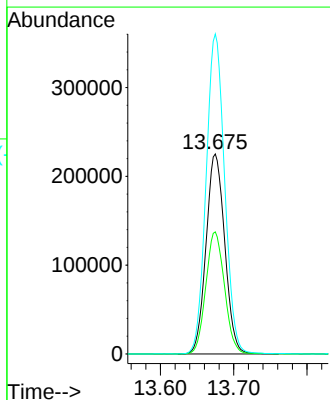
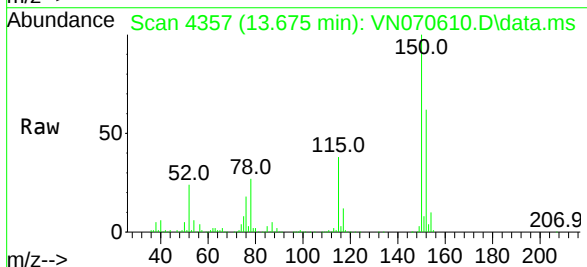
Instrument :
MSVOA_N
ClientSampleId :
220112003-05-TRIP-BLANK

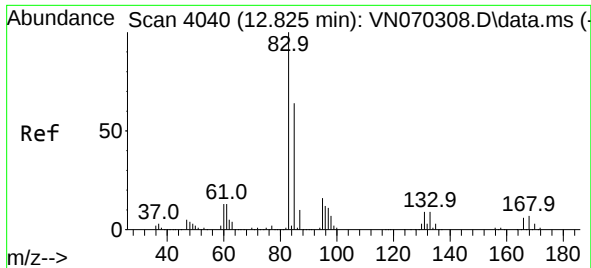
Tgt Ion:173 Resp: 1915
Ion Ratio Lower Upper
173 100
175 1674.7 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion:152 Resp: 399798
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 158.4 0.0 344.4

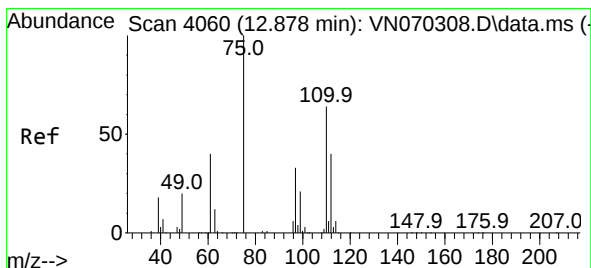
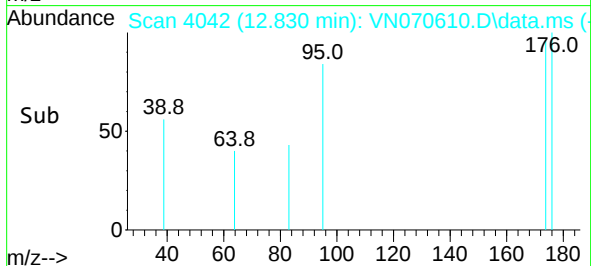
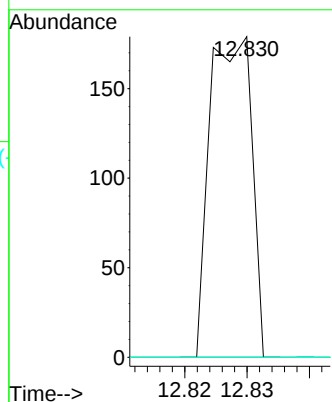
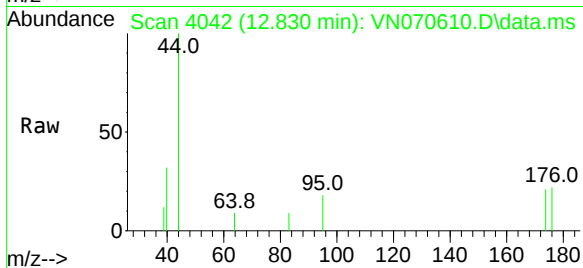




#75
1,1,2,2-Tetrachloroethane
Concen: 0.453 ug/l
RT: 12.830 min Scan# 4040
Delta R.T. 0.005 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

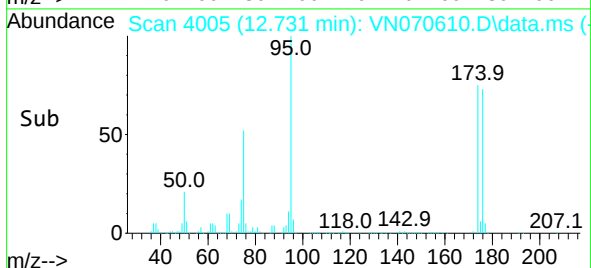
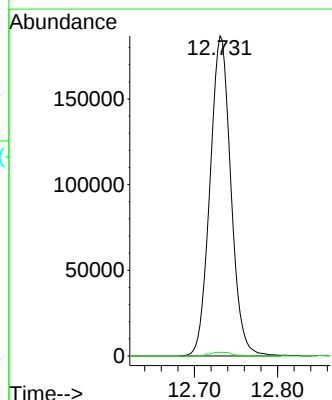
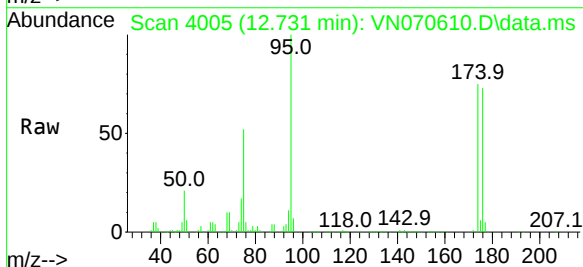
Instrument : MSVOA_N
ClientSampleId : 220112003-05-TRIP-BLANK

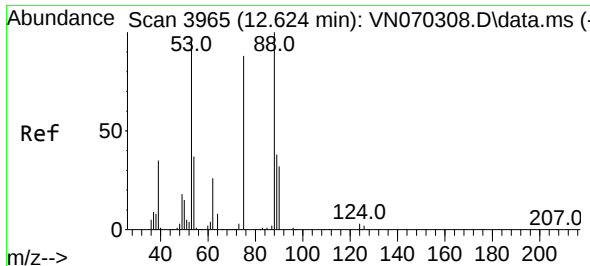
Tgt Ion: 83 Resp: 83
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 28.788 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

Tgt Ion: 75 Resp: 326208
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

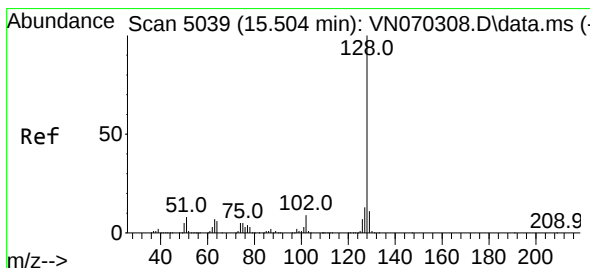
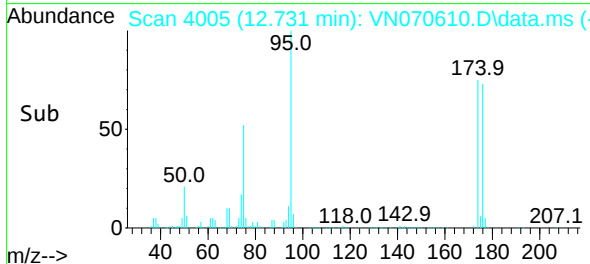
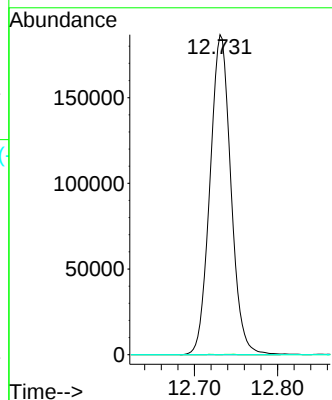
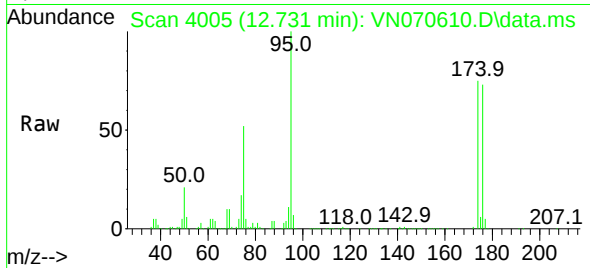




#81
trans-1,4-Dichloro-2-butene
Concen: 99.688 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

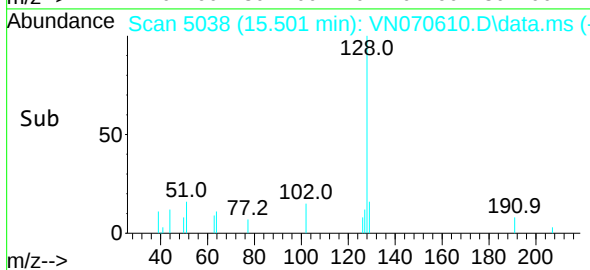
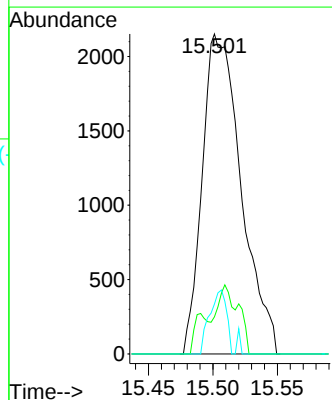
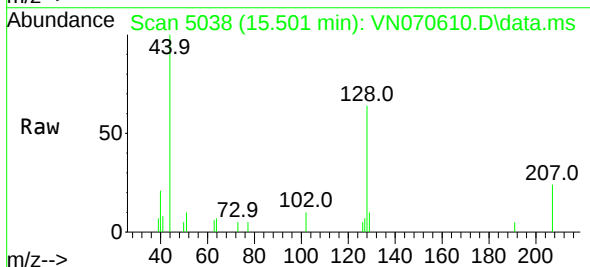
Instrument :
MSVOA_N
ClientSampleId :
220112003-05-TRIP-BLANK

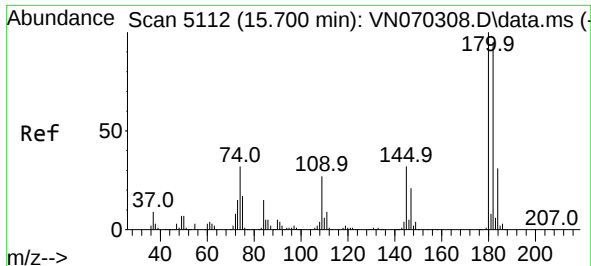
Tgt Ion: 75 Resp: 326208
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 2.036 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070610.D
Acq: 13 Jan 2022 14:33

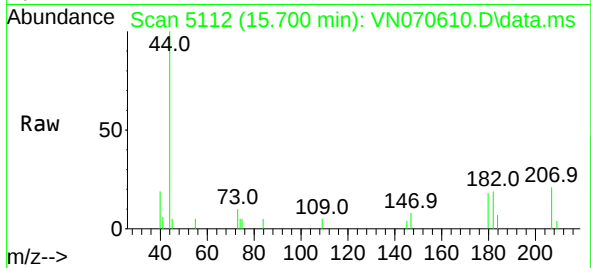
Tgt Ion: 128 Resp: 4513
Ion Ratio Lower Upper
128 100
127 11.7 10.5 15.7
129 8.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.984 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070610.D
 Acq: 13 Jan 2022 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 220112003-05-TRIP-BLANK



Tgt Ion:	180	Resp:	1012
Ion	Ratio	Lower	Upper
180	100		
182	133.4	47.4	142.2
145	25.0	15.0	45.1

