

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070510.D
 Acq On : 6 Jan 2022 11:13
 Operator : JC/MD
 Sample : VN0106WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 08 01:35:39 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)

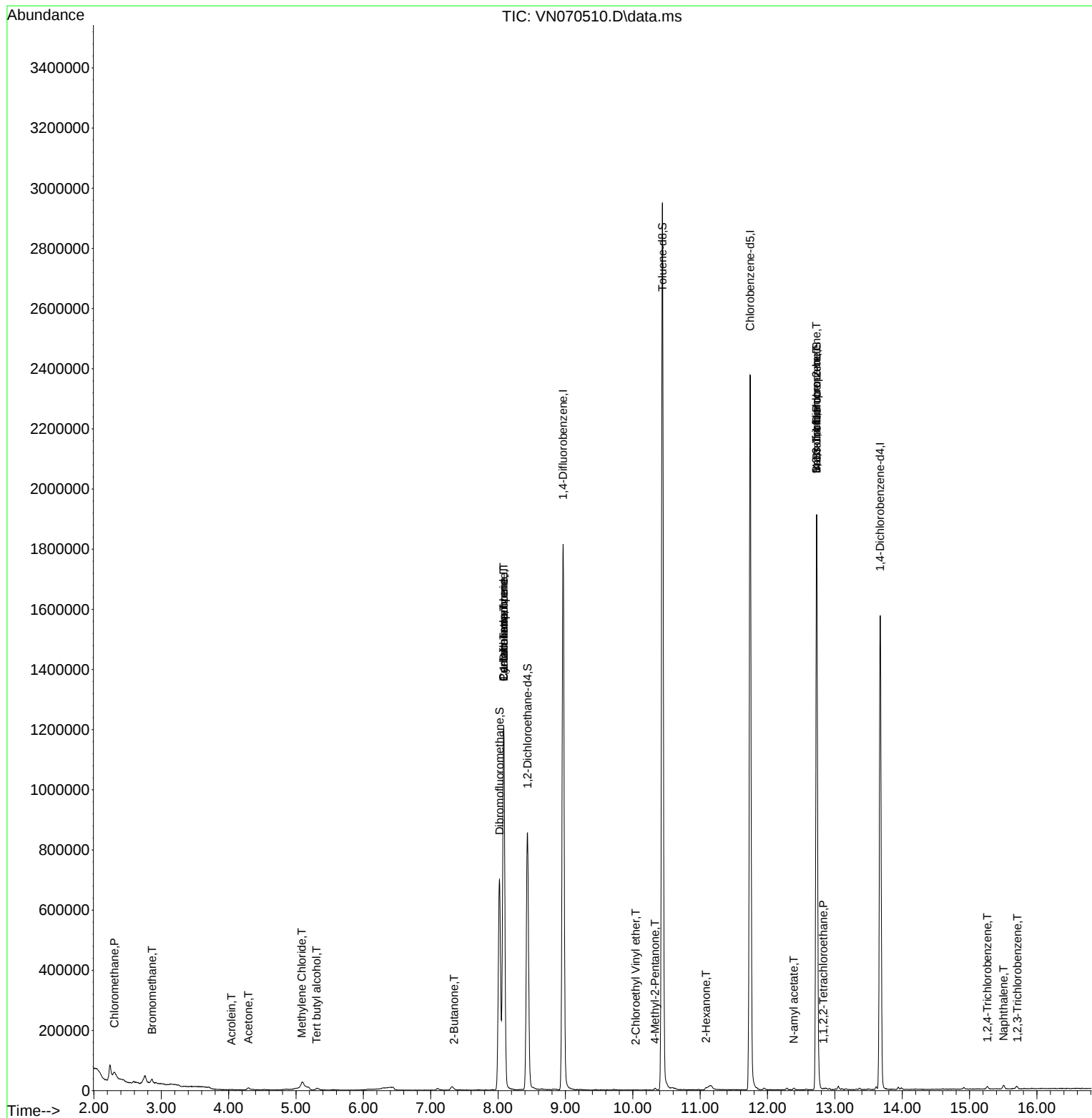
Internal Standards						
1) Pentafluorobenzene	8.083	168	951594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1600642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1374617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	450478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	731801	53.486	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.980%	
35) Dibromofluoromethane	8.021	113	524781	54.187	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.380%	
50) Toluene-d8	10.440	98	2065647	52.212	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.731	95	705309	49.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3717	0.253	ug/l	94
5) Bromomethane	2.861	94	10997	1.594	ug/l	98
11) Tert butyl alcohol	5.304	59	2336	1.025	ug/l #	71
13) Acrolein	4.041	56	1298	0.702	ug/l #	67
16) Acetone	4.293	43	7713	0.868	ug/l #	86
20) Methylene Chloride	5.087	84	7065	0.575	ug/l #	84
25) 2-Butanone	7.348	43	3764	0.337	ug/l #	85
31) Cyclohexane	8.083	56	21323	0.988	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	75170	4.692	ug/l #	49
38) Carbon Tetrachloride	8.083	117	90118	5.891	ug/l #	16
51) 4-Methyl-2-Pentanone	10.330	43	4764	0.232	ug/l #	59
58) 2-Chloroethyl Vinyl ether	10.043	63	187	18.548	ug/l #	45
59) 2-Hexanone	11.087	43	6003	0.400	ug/l	80
71) Bromoform	12.728	173	5379	0.696	ug/l #	1
74) N-amyl acetate	12.390	43	3820	0.217	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	1025	0.514	ug/l #	90
76) 1,2,3-Trichloropropane	12.728	75	365880	28.669	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	365880	99.233	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	3143	0.423	ug/l	89
95) Naphthalene	15.504	128	12200	2.370	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.710	180	3414	1.299	ug/l	95

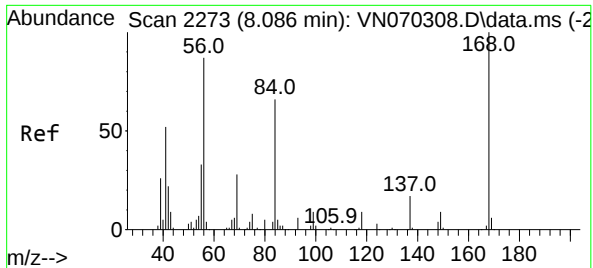
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN070510.D
Acq On : 6 Jan 2022 11:13
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Sample : VN0106WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 08 01:35:39 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

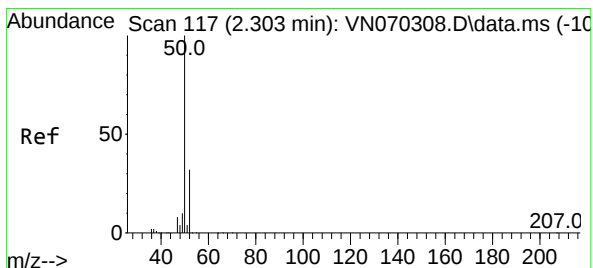
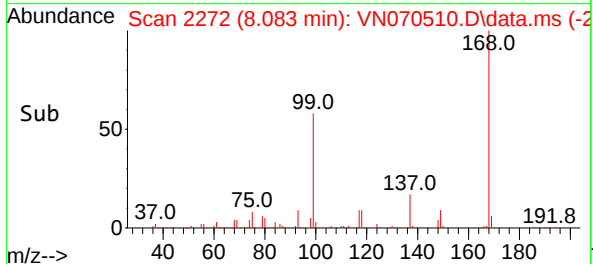
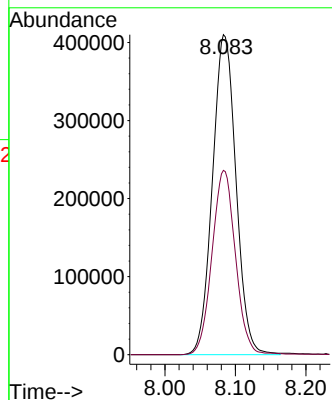
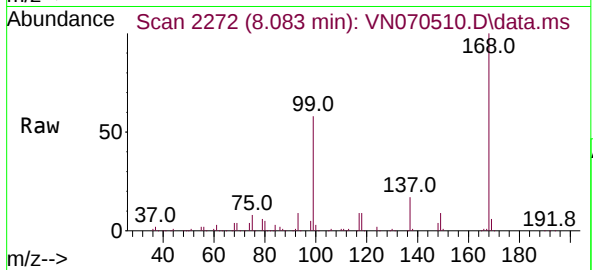




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

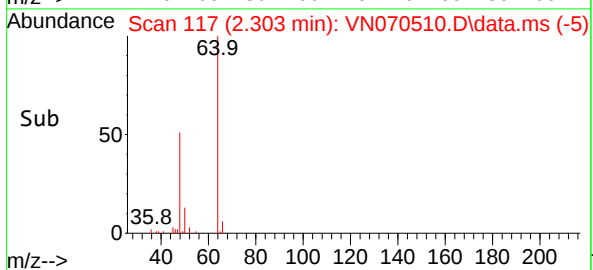
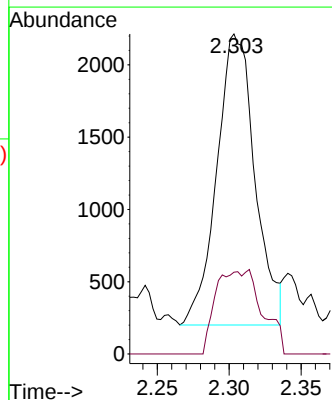
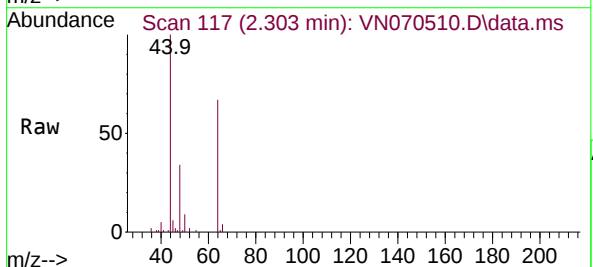
Instrument :
MSVOA_N
ClientSampleId :

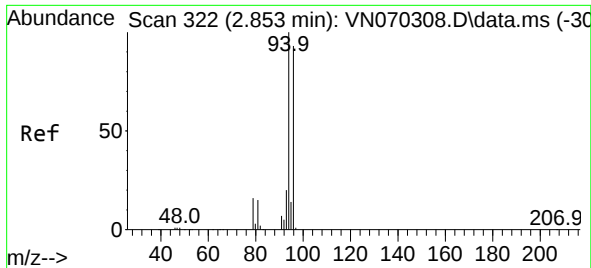
Tgt Ion:168 Resp: 951594
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#3
Chloromethane
Concen: 0.253 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Tgt Ion: 50 Resp: 3717
Ion Ratio Lower Upper
50 100
52 28.1 25.4 38.0

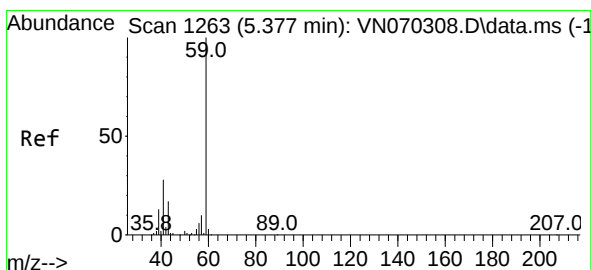
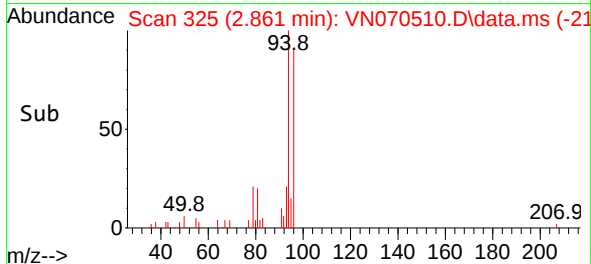
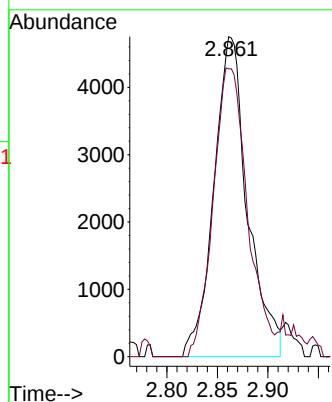
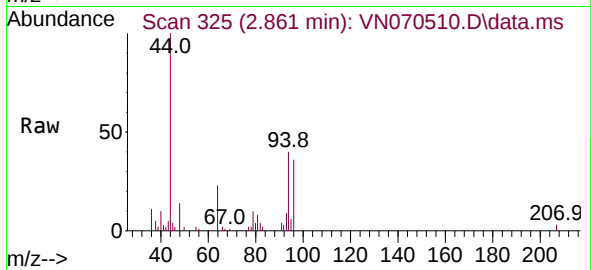




#5
Bromomethane
Concen: 1.594 ug/l
RT: 2.861 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

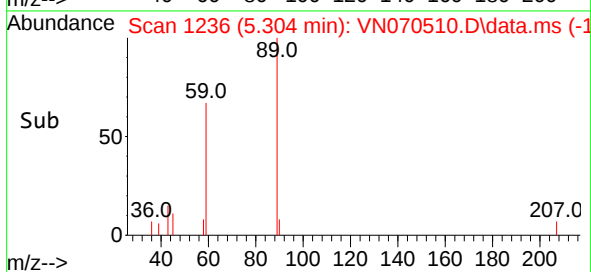
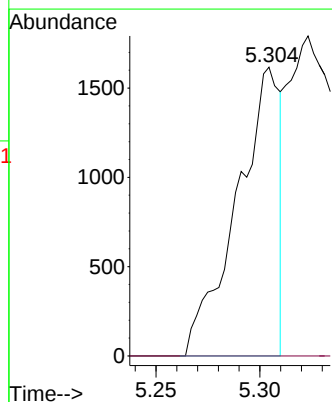
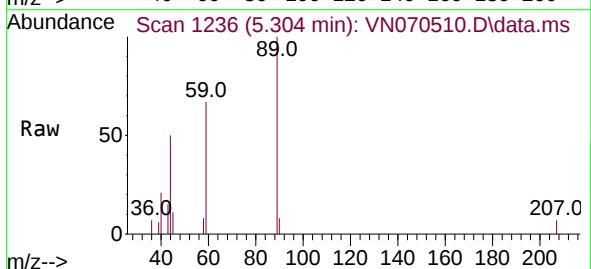
Instrument :
MSVOA_N
ClientSampleId :

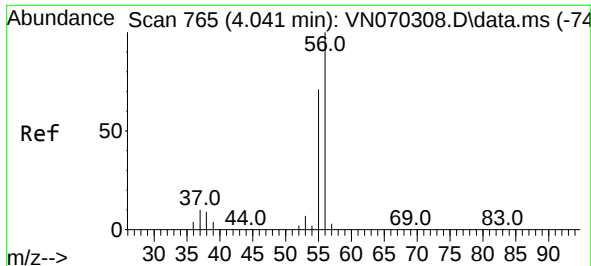
Tgt Ion: 94 Resp: 10997
Ion Ratio Lower Upper
94 100
96 90.0 73.8 110.8



#11
Tert butyl alcohol
Concen: 1.025 ug/l
RT: 5.304 min Scan# 1236
Delta R.T. -0.073 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

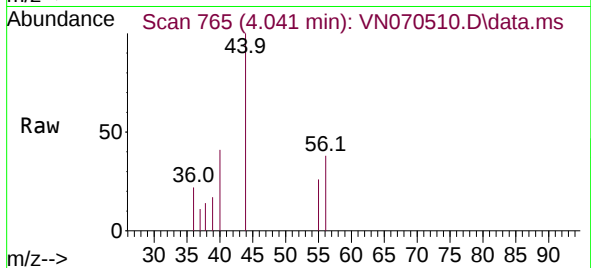
Tgt Ion: 59 Resp: 2336
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



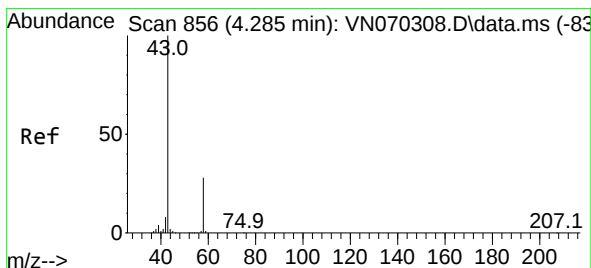
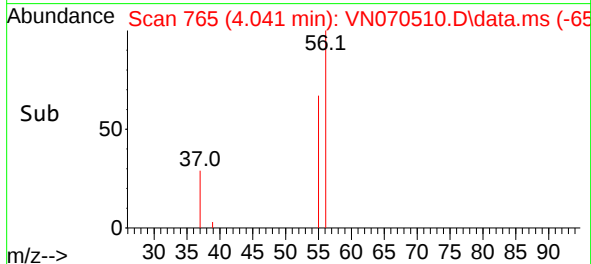
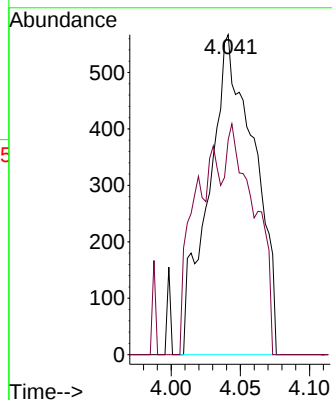


#13
Acrolein
Concen: 0.702 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Instrument :
MSVOA_N
ClientSampleId :

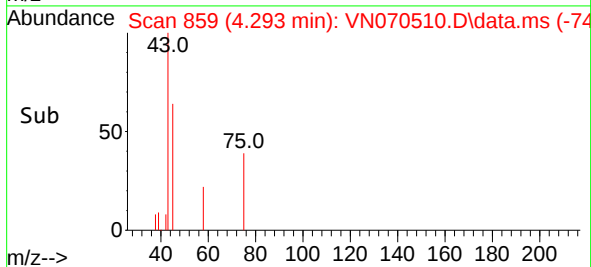
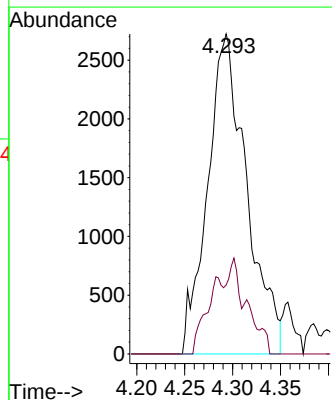
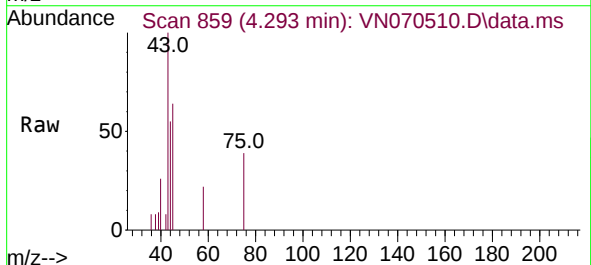


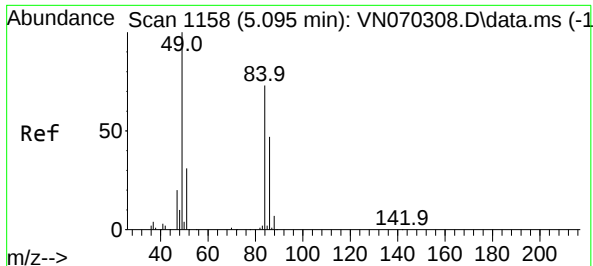
Tgt Ion: 56 Resp: 1298
Ion Ratio Lower Upper
56 100
55 43.9 56.6 85.0#



#16
Acetone
Concen: 0.868 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

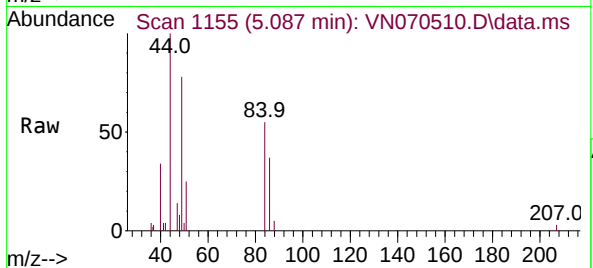
Tgt Ion: 43 Resp: 7713
Ion Ratio Lower Upper
43 100
58 21.5 23.1 34.7#





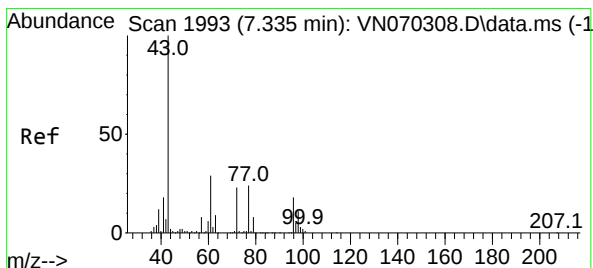
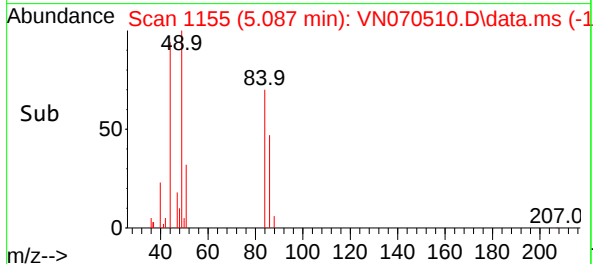
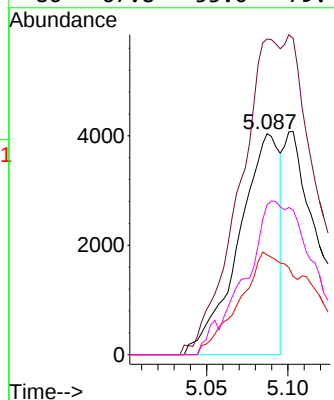
#20
Methylene Chloride
Concen: 0.575 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.008 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 7065

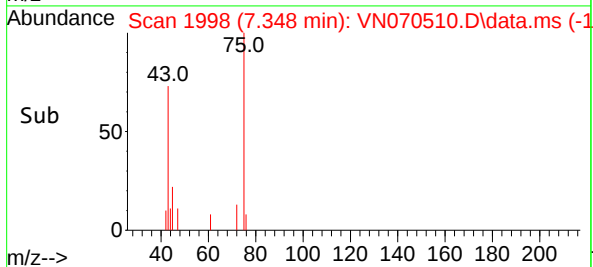
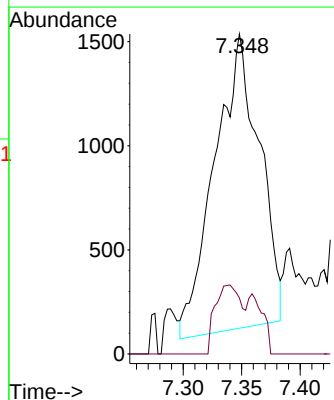
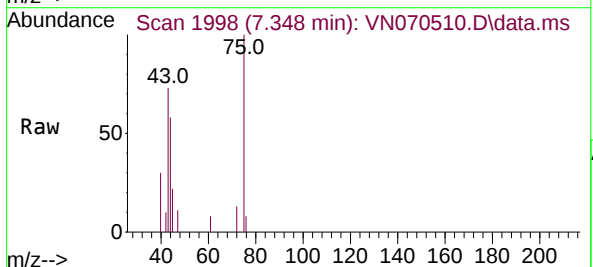
Ion	Ratio	Lower	Upper
84	100		
49	142.9	93.5	140.3#
51	45.2	29.4	44.2#
86	67.8	53.0	79.4

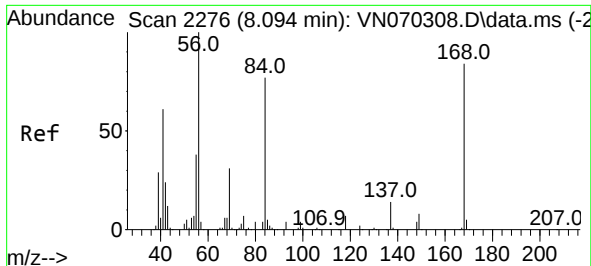


#25
2-Butanone
Concen: 0.337 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Tgt Ion: 43 Resp: 3764

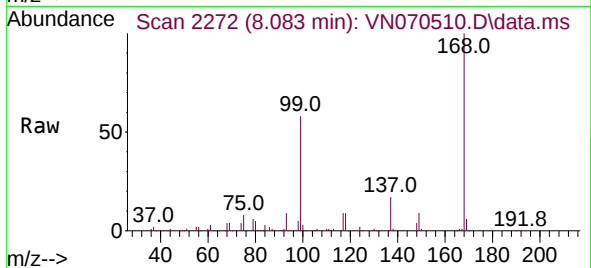
Ion	Ratio	Lower	Upper
43	100		
72	19.5	21.7	32.5#



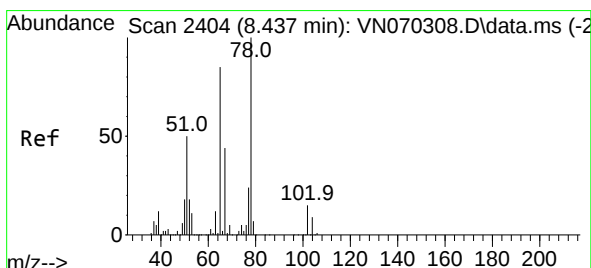
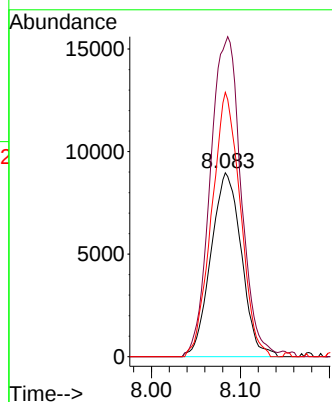
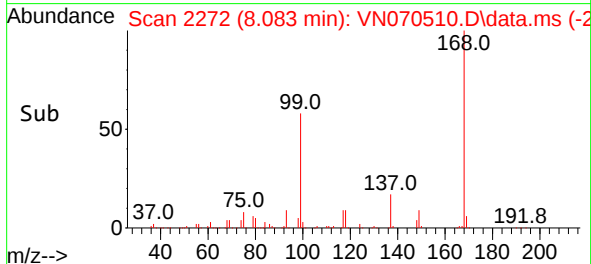


#31
Cyclohexane
Concen: 0.988 ug/l
RT: 8.083 min Scan# 213
Delta R.T. -0.011 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Instrument :
MSVOA_N
ClientSampleId :

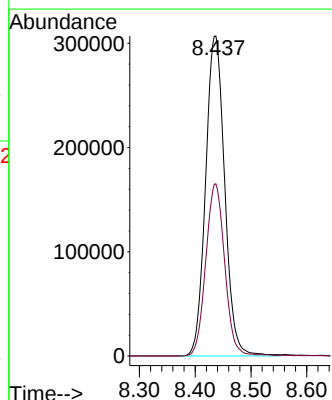
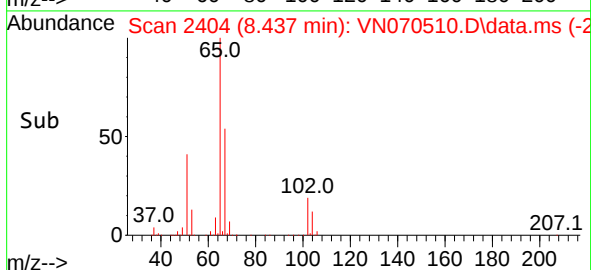
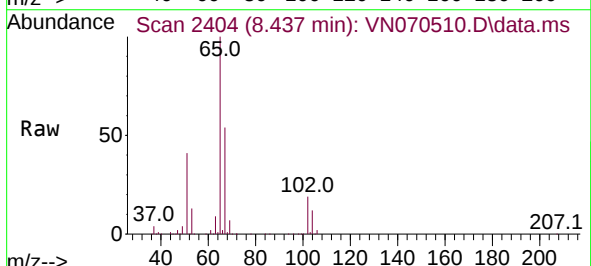


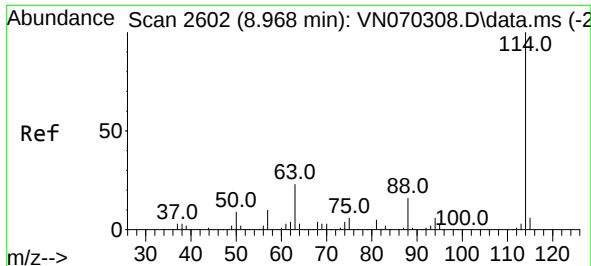
Tgt Ion: 56 Resp: 21323
Ion Ratio Lower Upper
56 100
69 170.6 27.1 40.7#
84 143.8 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 53.486 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Tgt Ion: 65 Resp: 731801
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0

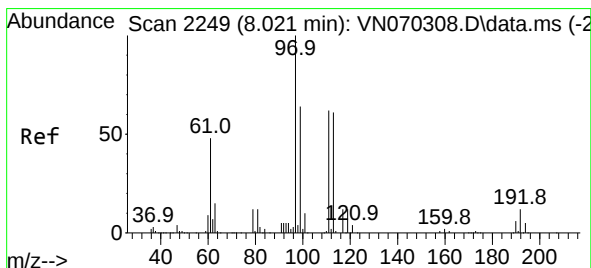
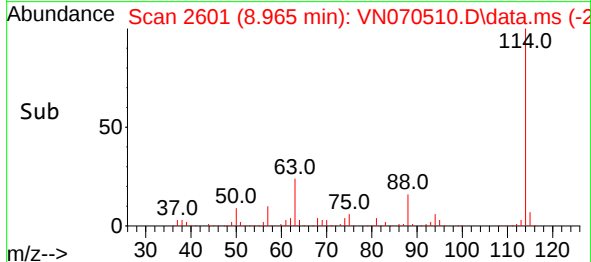
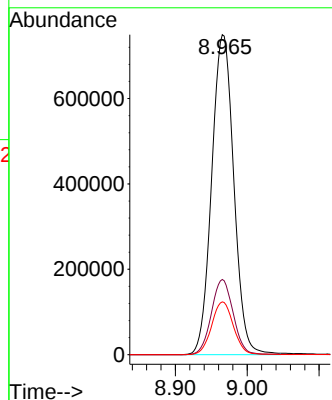
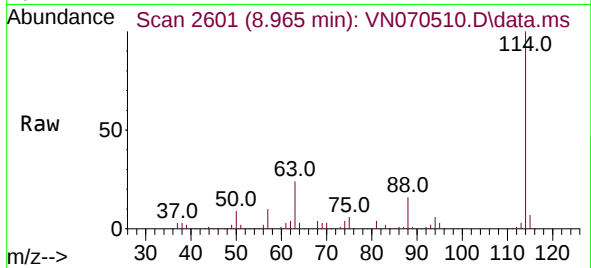




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

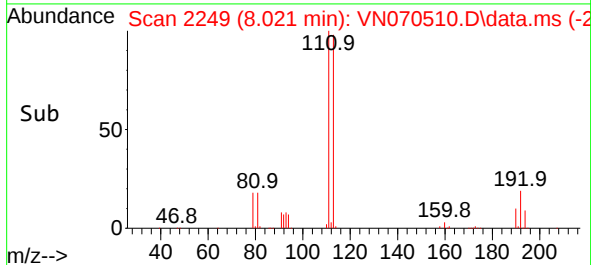
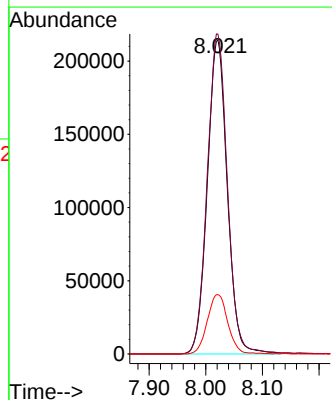
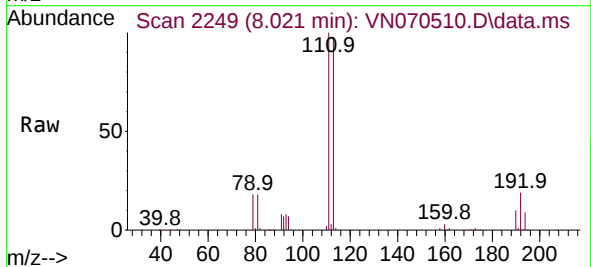
Instrument :
MSVOA_N
ClientSampleId :

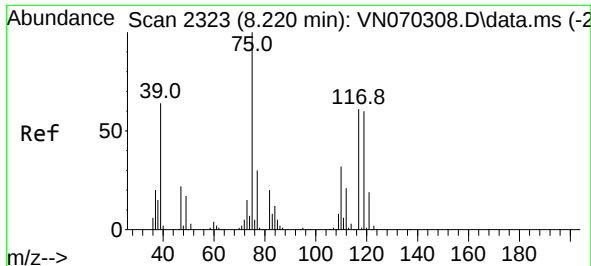
Tgt Ion:114 Resp: 1600642
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.187 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

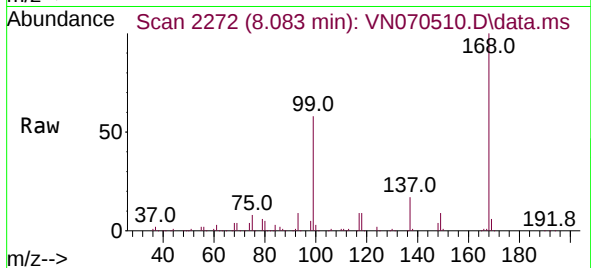
Tgt Ion:113 Resp: 524781
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.3 16.9 25.3



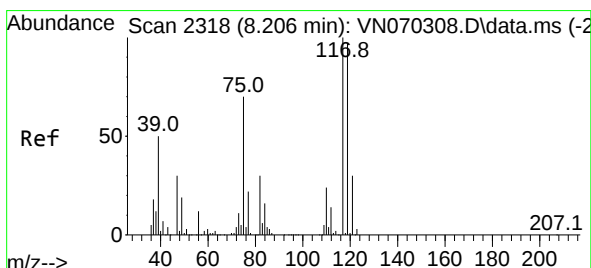
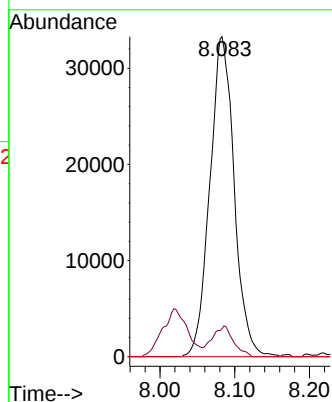
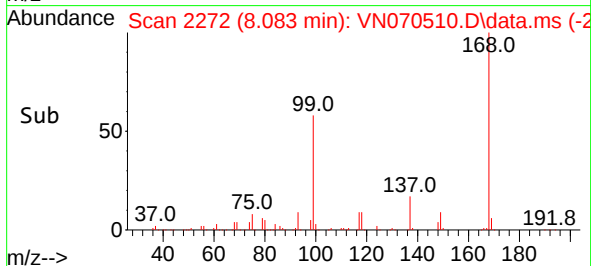


#36
 1,1-Dichloropropene
 Concen: 4.692 ug/l
 RT: 8.083 min Scan# 211
 Delta R.T. -0.137 min
 Lab File: VN070510.D
 Acq: 6 Jan 2022 11:13

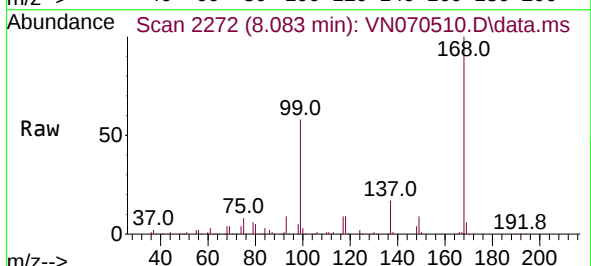
Instrument :
 MSVOA_N
 ClientSampleId :



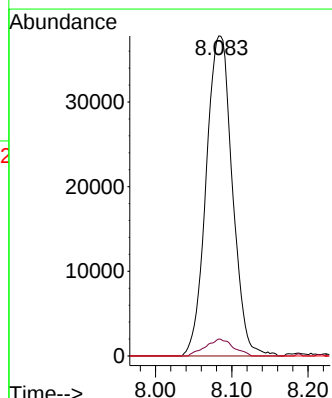
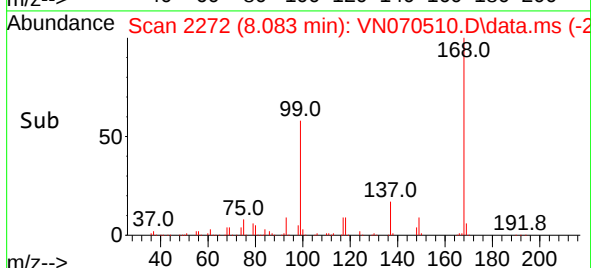
Tgt Ion: 75 Resp: 75170
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 24.4 36.6#

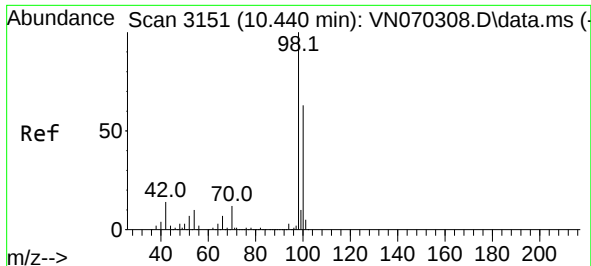


#38
 Carbon Tetrachloride
 Concen: 5.891 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.123 min
 Lab File: VN070510.D
 Acq: 6 Jan 2022 11:13



Tgt Ion: 117 Resp: 90118
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.1 114.1#
 121 0.0 24.2 36.2#

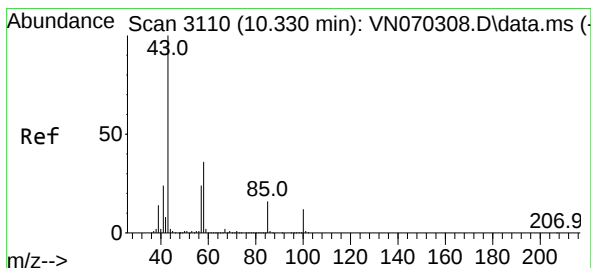
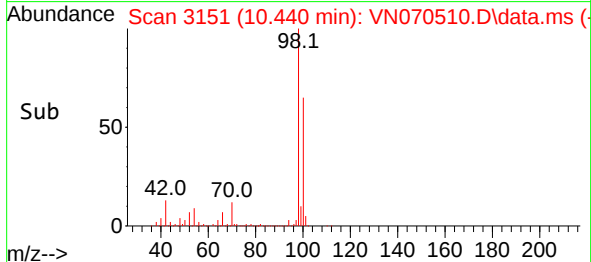
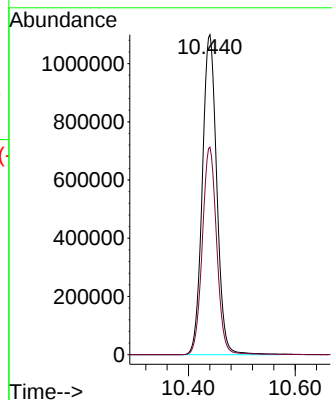
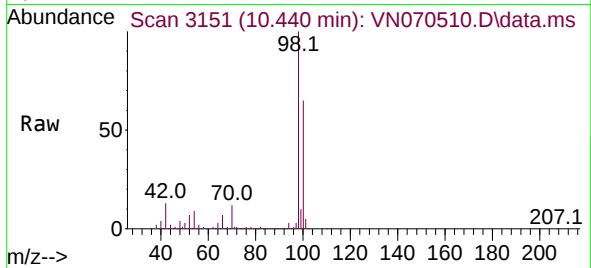




#50
Toluene-d8
Concen: 52.212 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

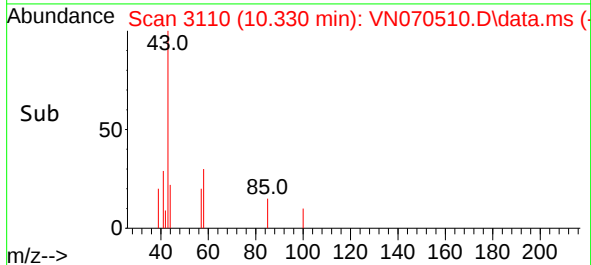
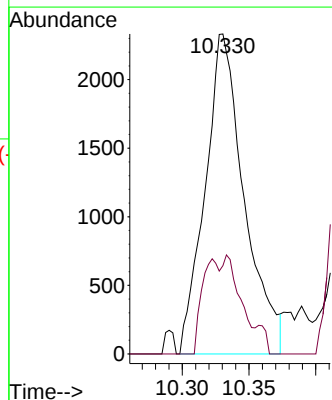
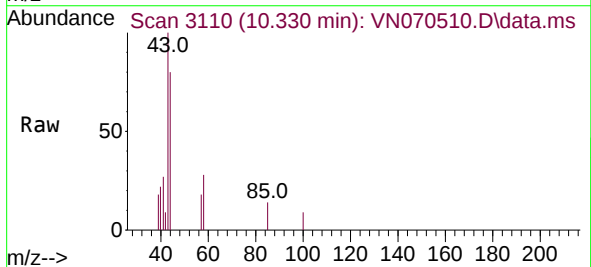
Instrument :
MSVOA_N
ClientSampleId :

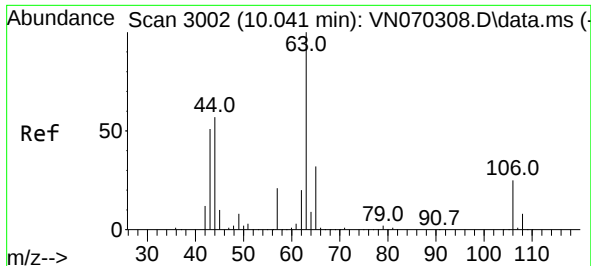
Tgt Ion: 98 Resp: 2065647
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.232 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Tgt Ion: 43 Resp: 4764
Ion Ratio Lower Upper
43 100
58 13.4 30.4 45.6#

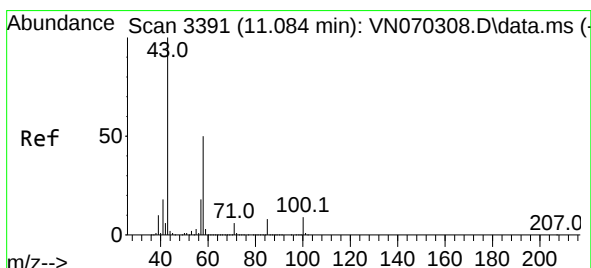
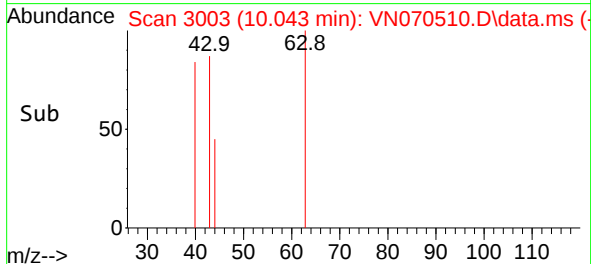
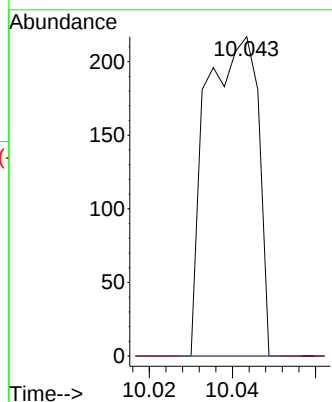
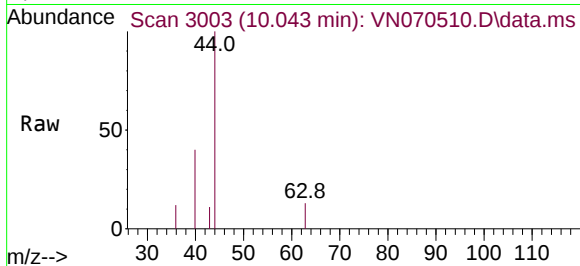




#58
2-Chloroethyl Vinyl ether
Concen: 18.548 ug/l
RT: 10.043 min Scan# 3002
Delta R.T. 0.002 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

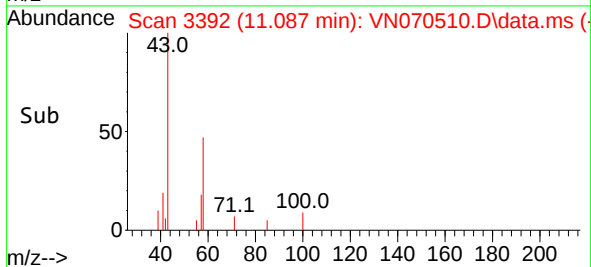
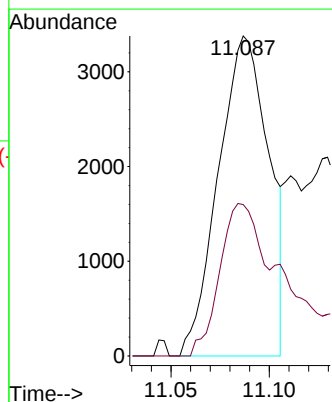
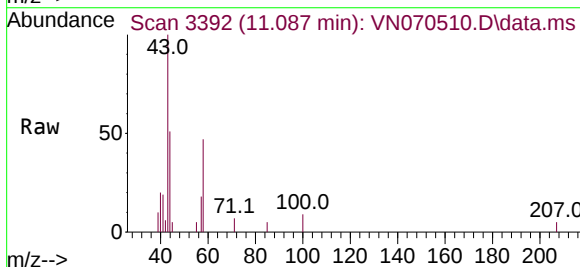
Instrument :
MSVOA_N
ClientSampleId :

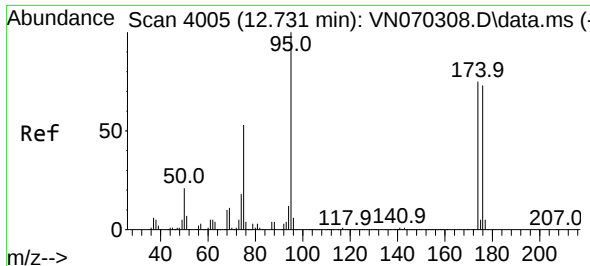
Tgt Ion: 63 Resp: 187
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.400 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Tgt Ion: 43 Resp: 6003
Ion Ratio Lower Upper
43 100
58 39.7 26.9 80.7

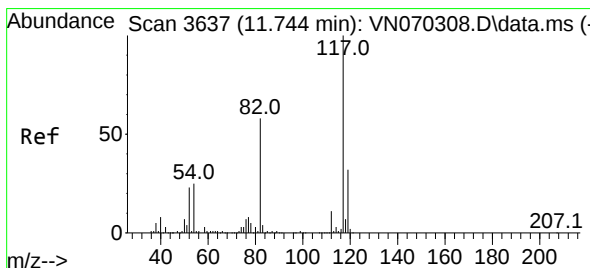
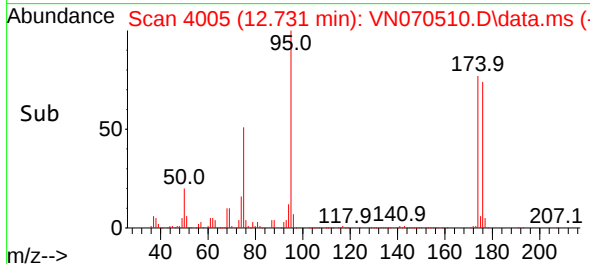
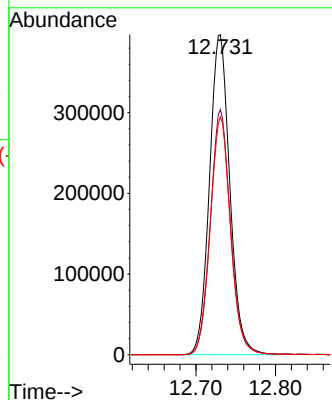
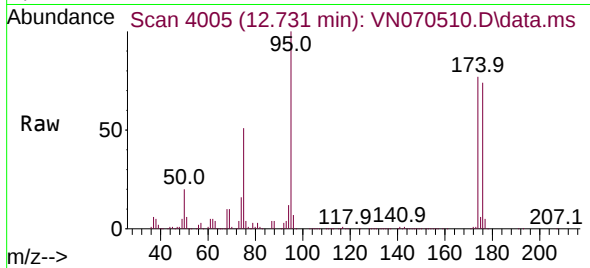




#62
4-Bromofluorobenzene
Concen: 49.359 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

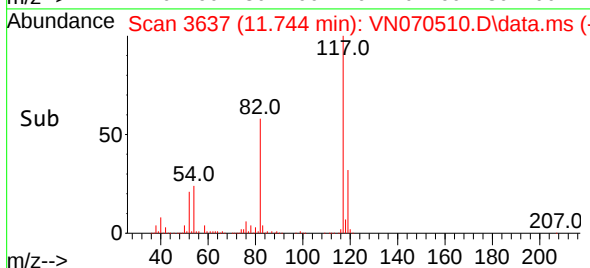
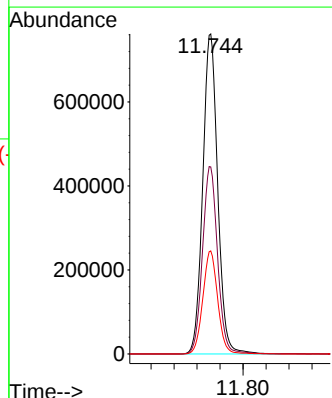
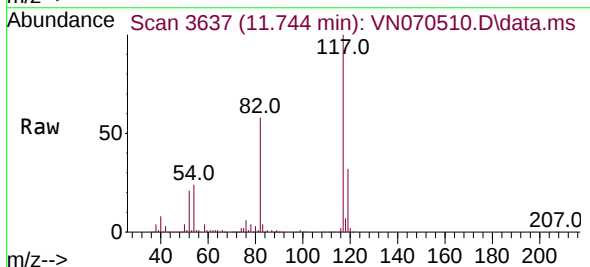
Instrument :
MSVOA_N
ClientSampleId :

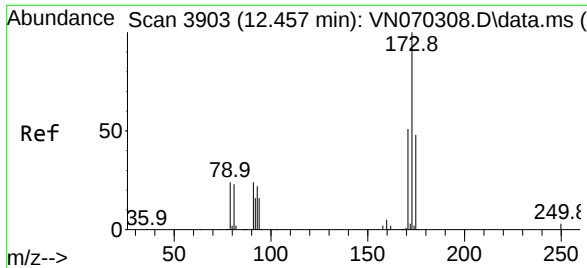
Tgt Ion: 95 Resp: 705309
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Tgt Ion: 117 Resp: 1374617
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.2 25.4 38.2

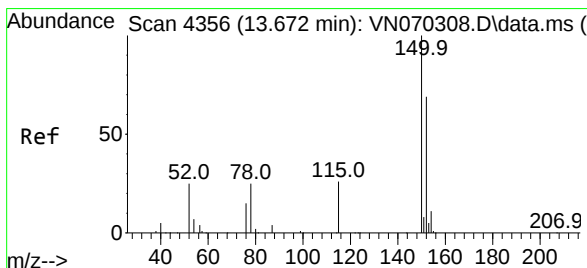
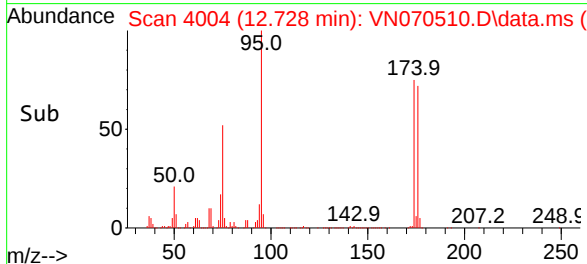
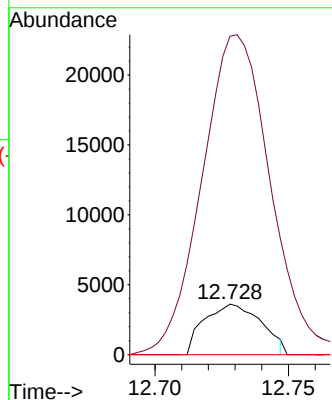
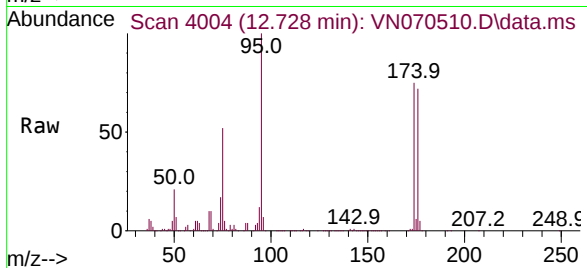




#71
Bromoform
Concen: 0.696 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.271 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

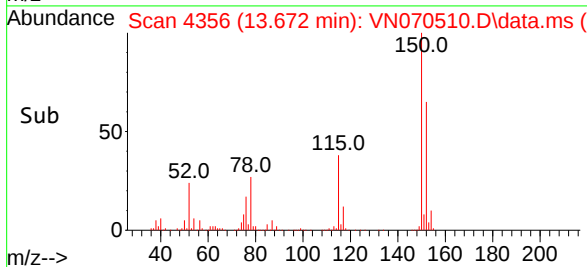
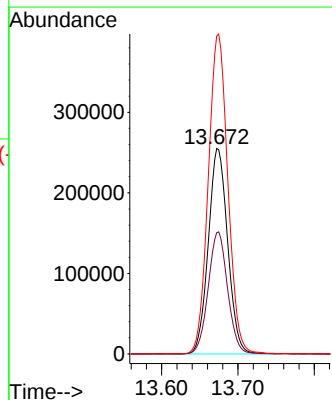
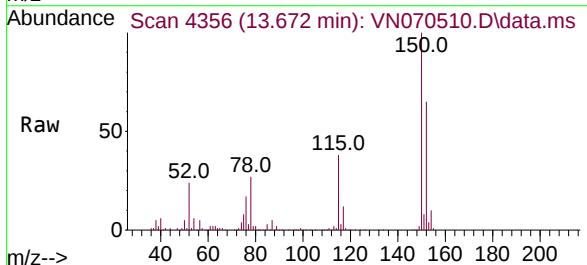
Instrument :
MSVOA_N
ClientSampleId :

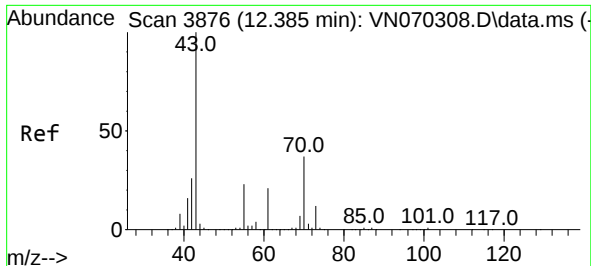
Tgt Ion:173 Resp: 5379
Ion Ratio Lower Upper
173 100
175 700.7 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

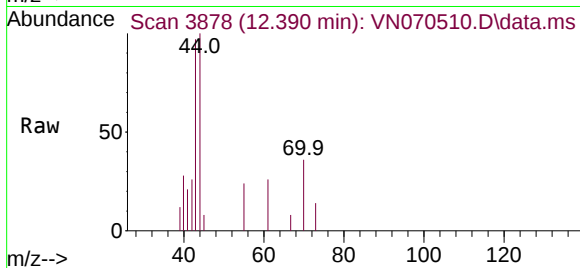
Tgt Ion:152 Resp: 450478
Ion Ratio Lower Upper
152 100
115 59.3 27.5 82.5
150 156.7 0.0 344.4



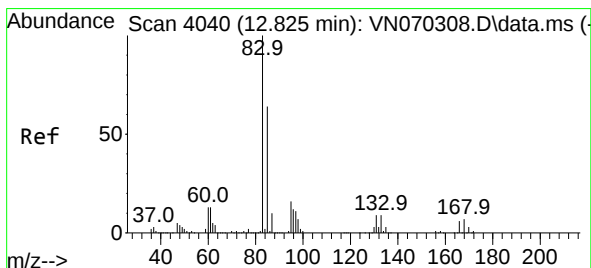
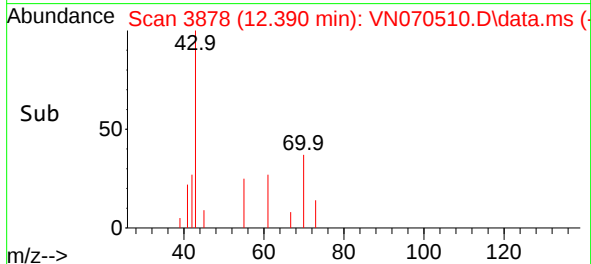
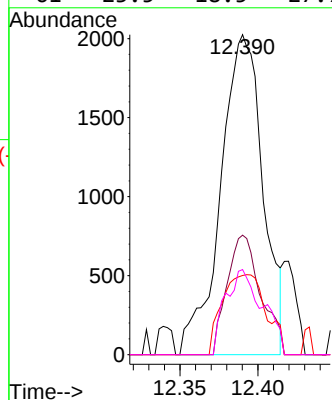


#74
N-amy1 acetate
Concen: 0.217 ug/l
RT: 12.390 min Scan# 3876
Delta R.T. 0.005 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Instrument :
MSVOA_N
ClientSampleId :

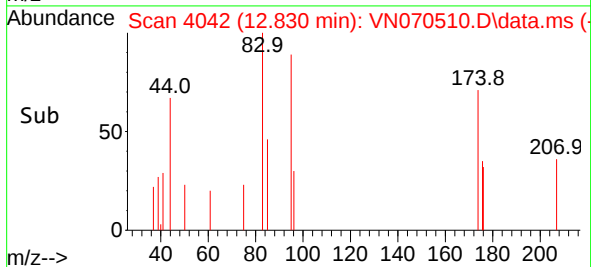
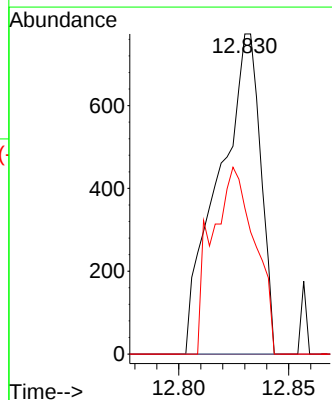
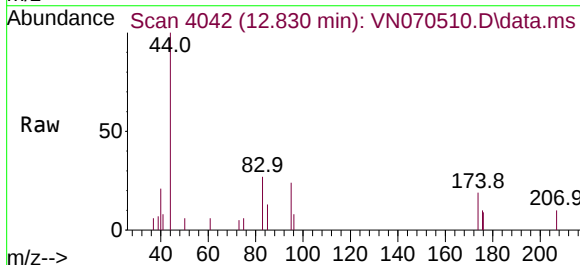


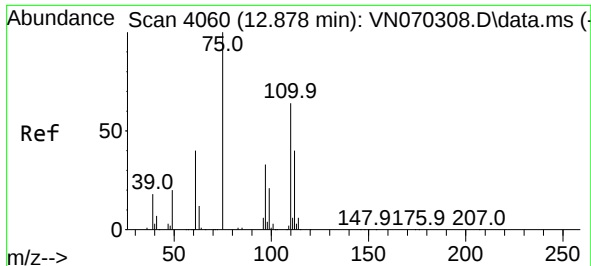
Tgt Ion:	43	Resp:	3820
Ion	Ratio	Lower	Upper
43	100		
70	29.9	33.4	50.0#
55	25.9	19.3	28.9
61	23.5	18.5	27.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.514 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.005 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

Tgt Ion:	83	Resp:	1025
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	59.6	32.4	97.2

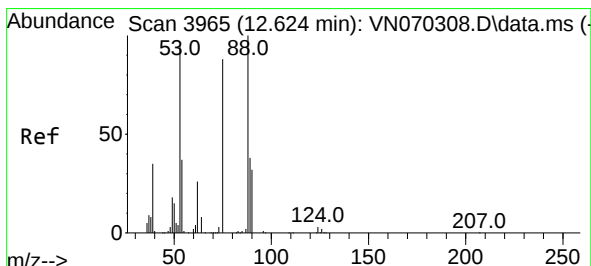
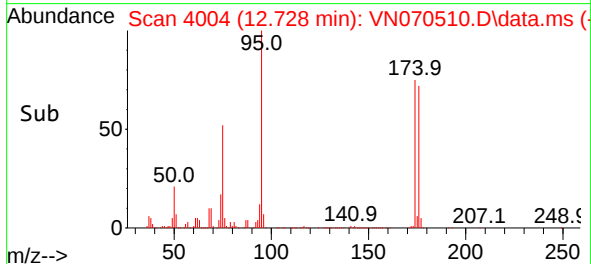
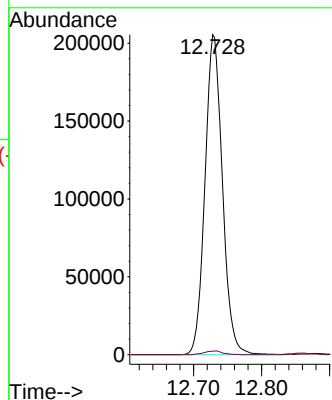
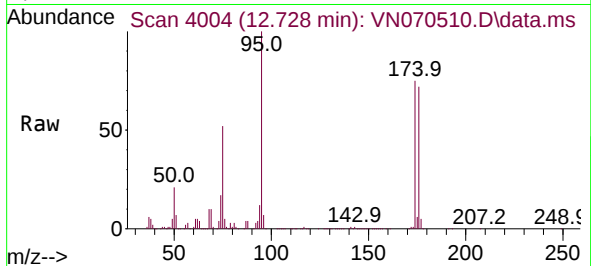




#76
1,2,3-Trichloropropane
Concen: 28.669 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

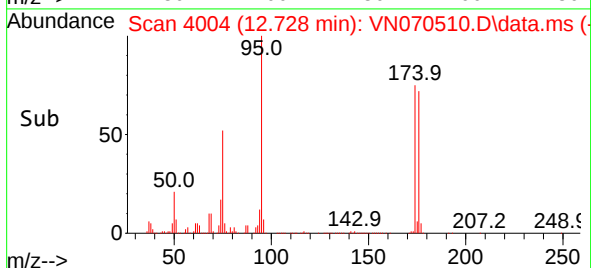
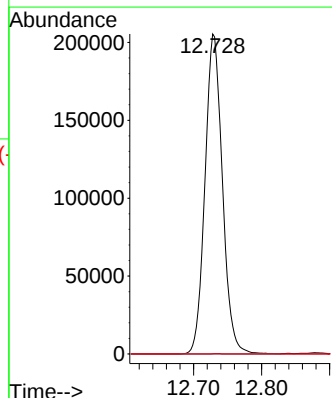
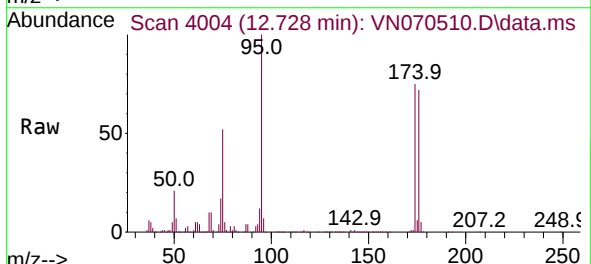
Instrument :
MSVOA_N
ClientSampleId :

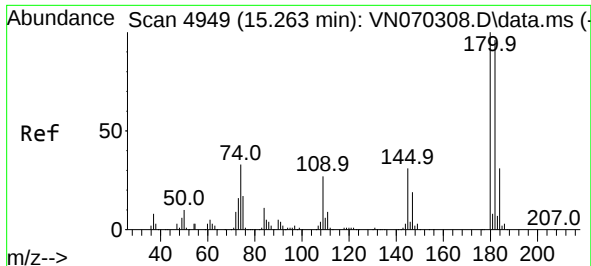
Tgt Ion: 75 Resp: 365880
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.233 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

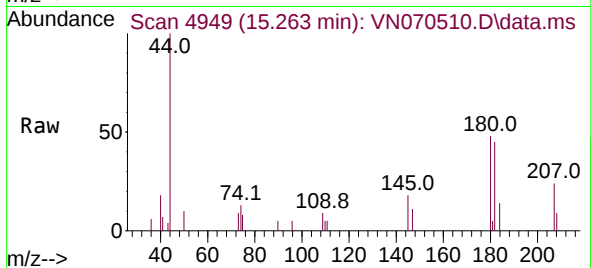
Tgt Ion: 75 Resp: 365880
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



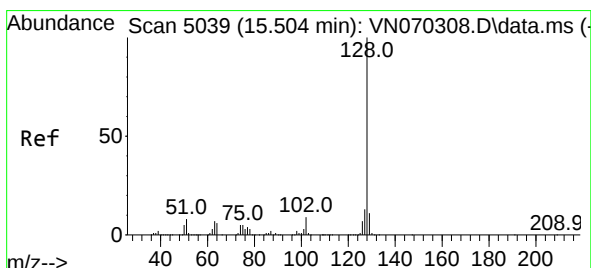
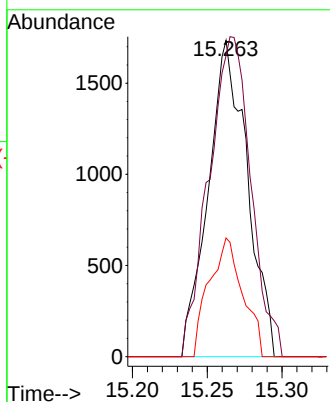
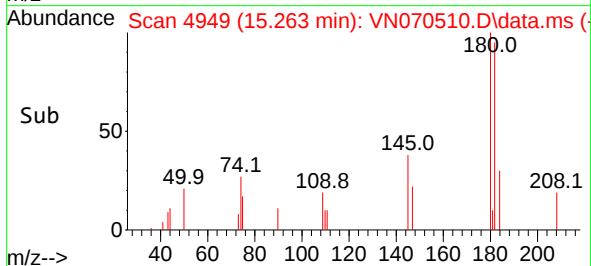


#93
1,2,4-Trichlorobenzene
Concen: 0.423 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13

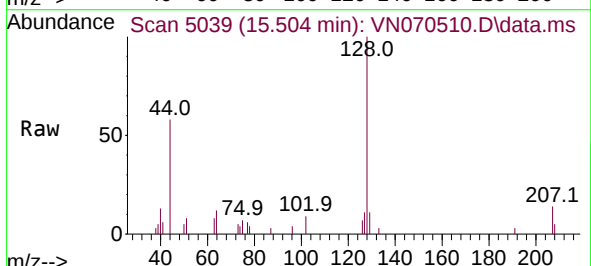
Instrument :
MSVOA_N
ClientSampleId :



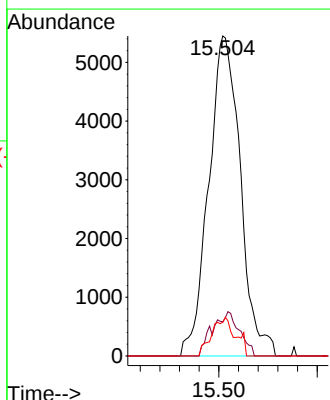
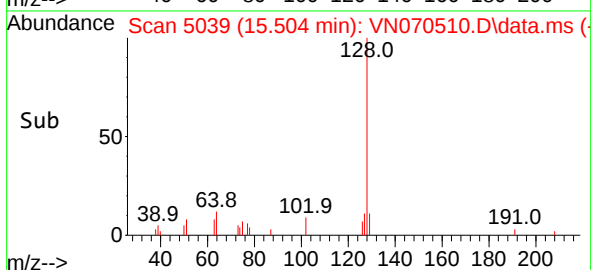
Tgt Ion:180 Resp: 3143
Ion Ratio Lower Upper
180 100
182 108.9 48.3 144.9
145 32.4 14.5 43.5

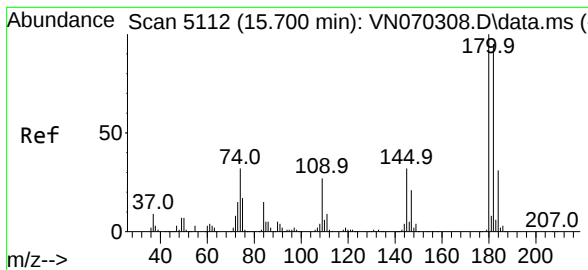


#95
Naphthalene
Concen: 2.370 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070510.D
Acq: 6 Jan 2022 11:13



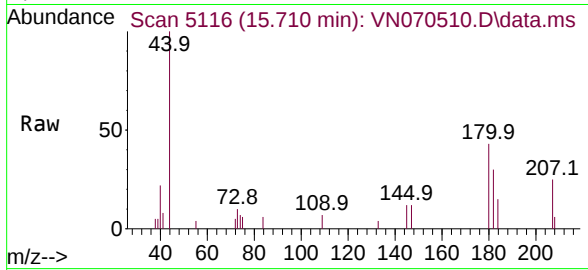
Tgt Ion:128 Resp: 12200
Ion Ratio Lower Upper
128 100
127 11.7 10.5 15.7
129 7.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.299 ug/l
 RT: 15.710 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VN070510.D
 Acq: 6 Jan 2022 11:13

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 3414
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.4 142.2
 145 22.6 15.0 45.1

