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 Data File : VN067071.D
 Acq On : 10 May 2021 15:01
 Operator : JC/MD
 Sample : M2323-04 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 11 01:47:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

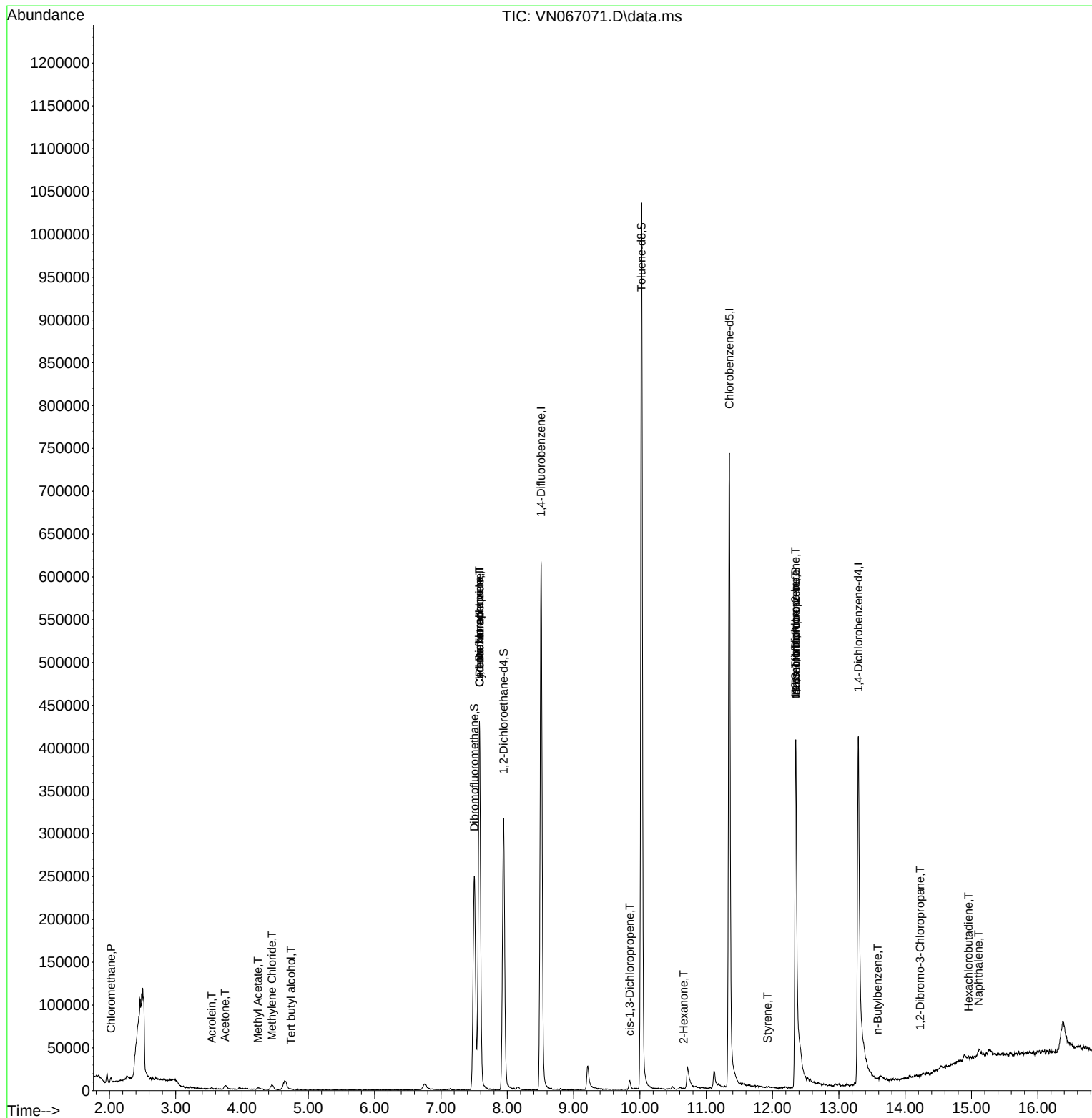
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.581	168	326130	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.509	114	537756	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.350	117	459240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	153098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.943	65	287302	55.97	ug/l	-0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.94%
35) Dibromofluoromethane	7.504	113	197875	54.19	ug/l	-0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.38%
50) Toluene-d8	10.025	98	727106	52.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.58%
62) 4-Bromofluorobenzene	12.350	95	190919	40.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	81.10%
Target Compounds						
					Qvalue	
3) Chloromethane	2.024	50	4429	0.70	ug/l #	79
11) Tert butyl alcohol	4.739	59	337	0.46	ug/l #	73
13) Acrolein	3.542	56	1327	2.20	ug/l	93
16) Acetone	3.744	43	1423	0.79	ug/l	99
18) Methyl Acetate	4.240	43	2205	0.43	ug/l	92
20) Methylene Chloride	4.452	84	2773	0.61	ug/l #	85
31) Cyclohexane	7.584	56	7594	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.579	75	28553	5.10	ug/l #	48
38) Carbon Tetrachloride	7.584	117	34853	5.97	ug/l #	16
54) cis-1,3-Dichloropropene	9.848	75	1889	0.26	ug/l #	72
59) 2-Hexanone	10.658	43	412	28.46	ug/l #	23
70) Styrene	11.926	104	56	4.72	ug/l #	1
71) Bromoform	12.350	173	1447	0.53	ug/l #	1
76) 1,2,3-Trichloropropane	12.347	75	112897	30.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.347	75	112897	91.83	ug/l #	12
89) n-Butylbenzene	13.586	91	319	5.27	ug/l	73
92) 1,2-Dibromo-3-Chloropr...	14.225	75	320	0.43	ug/l #	1
94) Hexachlorobutadiene	14.957	225	449	0.29	ug/l	89
95) Naphthalene	15.104	128	4231	0.63	ug/l #	83

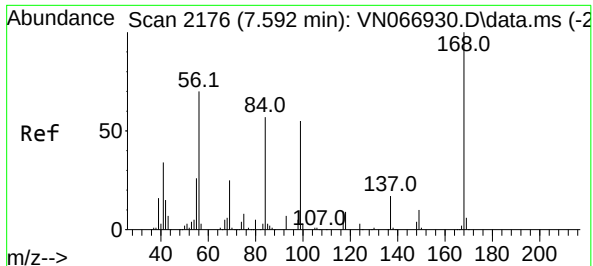
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration

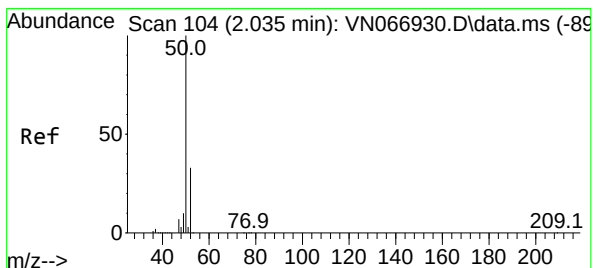
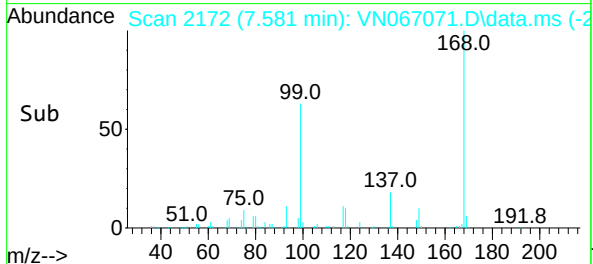
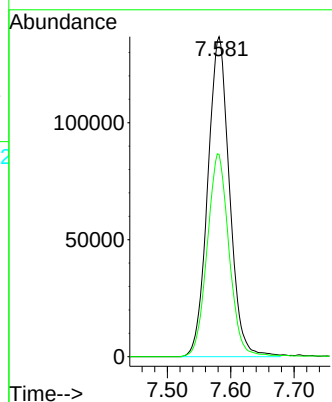
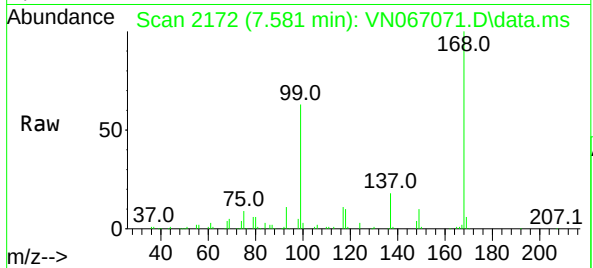




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.581 min Scan# 2172
Delta R.T. -0.011 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

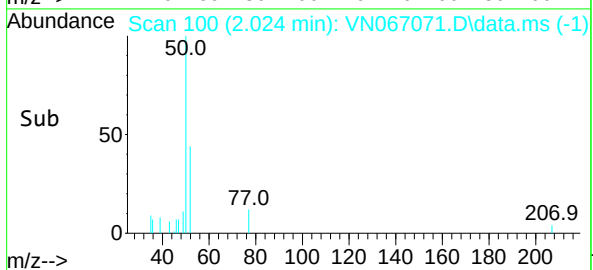
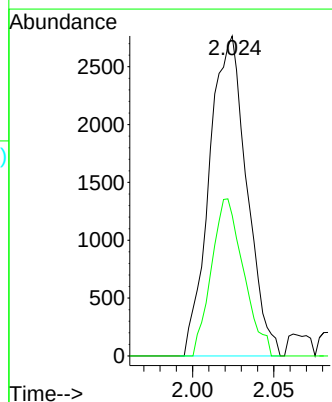
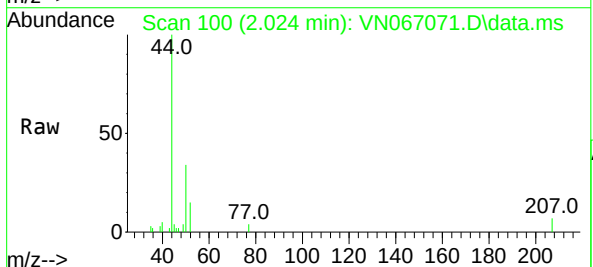
Instrument :
MSVOA_N
ClientSampleId :

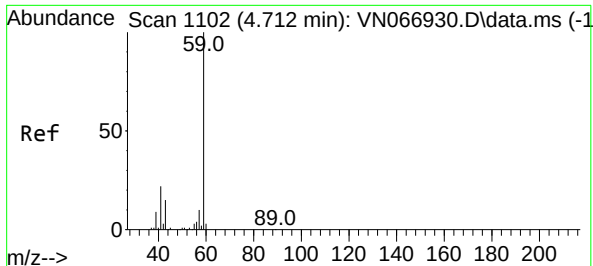
Tgt Ion:168 Resp: 326130
Ion Ratio Lower Upper
168 100
99 63.2 42.6 63.8



#3
Chloromethane
Concen: 0.70 ug/l
RT: 2.024 min Scan# 100
Delta R.T. -0.011 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Tgt Ion: 50 Resp: 4429
Ion Ratio Lower Upper
50 100
52 44.0 25.8 38.8#



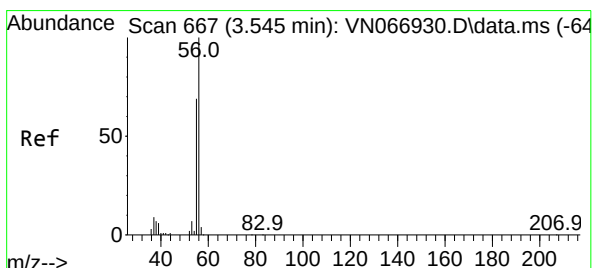
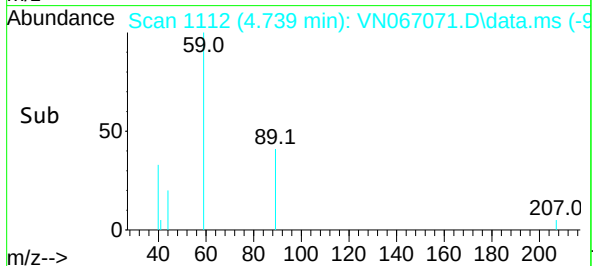
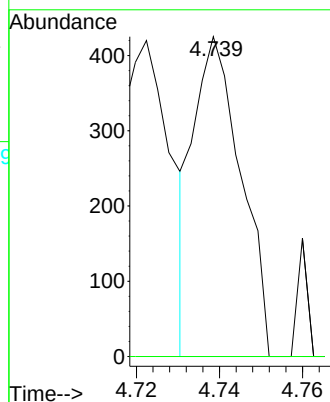
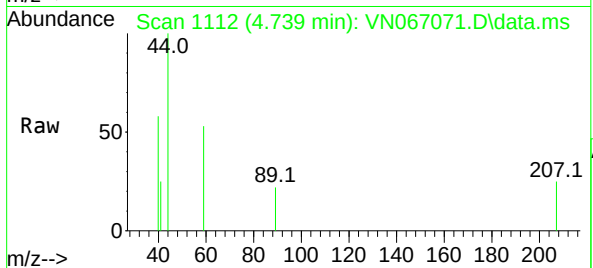


#11

Tert butyl alcohol
Concen: 0.46 ug/l
RT: 4.739 min Scan# 1112
Delta R.T. 0.027 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Instrument :
MSVOA_N
ClientSampled :

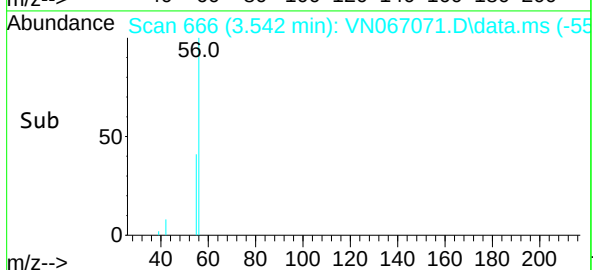
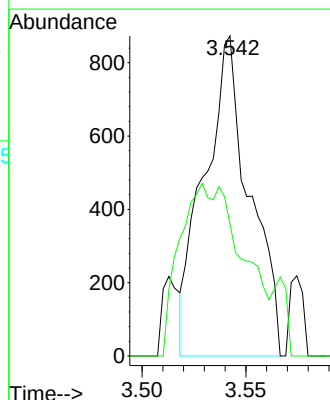
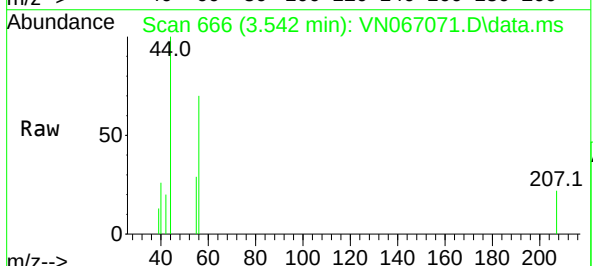
Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

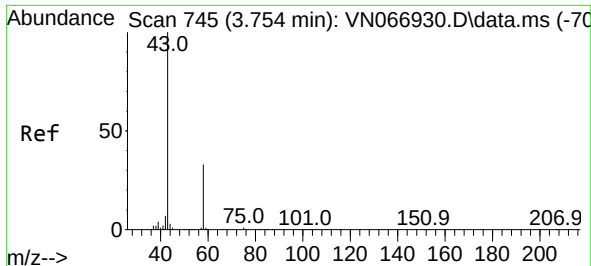


#13

Acrolein
Concen: 2.20 ug/l
RT: 3.542 min Scan# 666
Delta R.T. -0.003 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

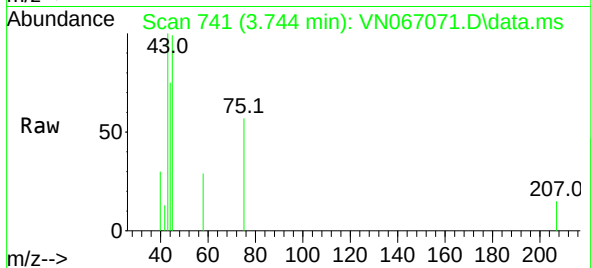
Tgt Ion: 56 Resp: 1327
Ion Ratio Lower Upper
56 100
55 75.4 56.0 84.0



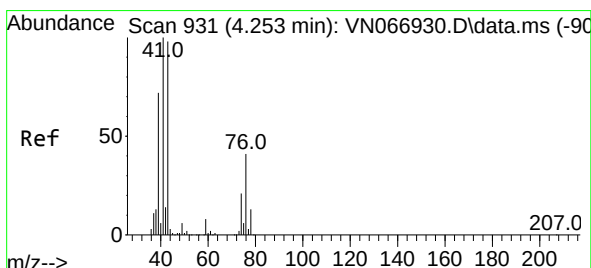
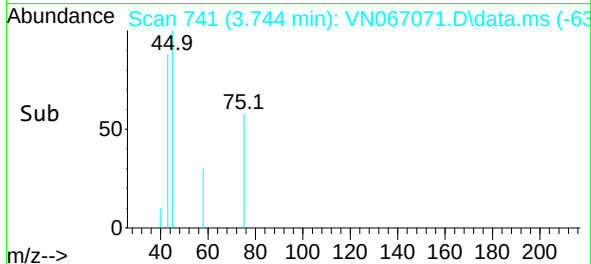
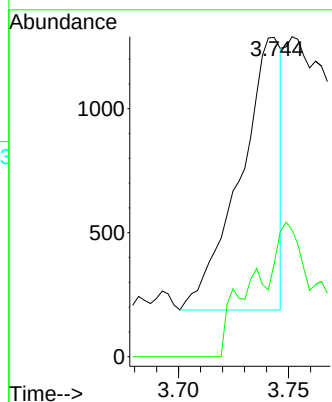


#16
Acetone
Concen: 0.79 ug/l
RT: 3.744 min Scan# 741
Delta R.T. -0.010 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Instrument :
MSVOA_N
ClientSampled :

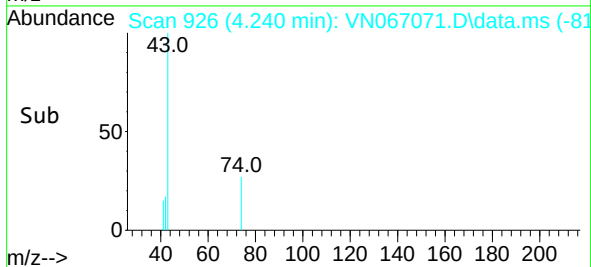
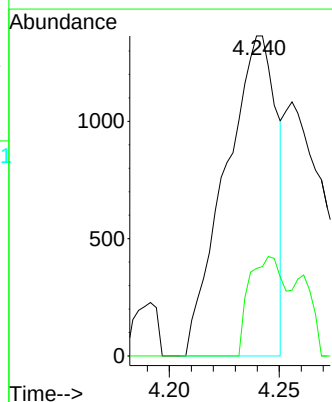
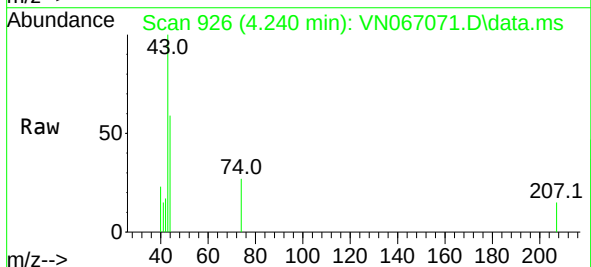


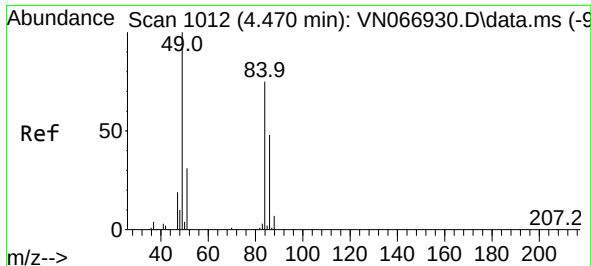
Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.6



#18
Methyl Acetate
Concen: 0.43 ug/l
RT: 4.240 min Scan# 926
Delta R.T. -0.013 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

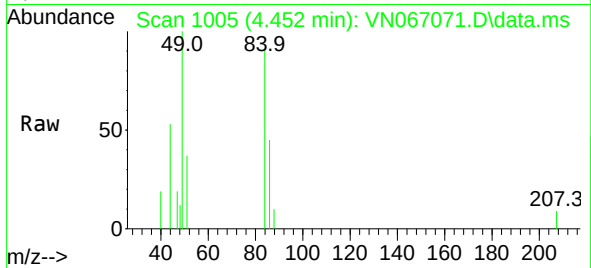
Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
74 20.5 19.5 29.3



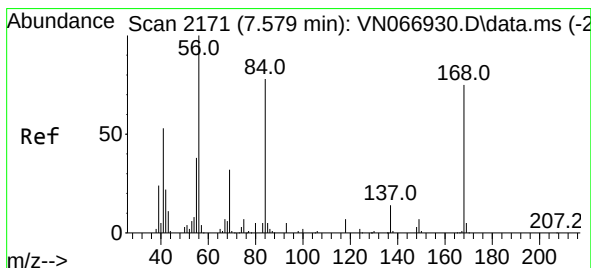
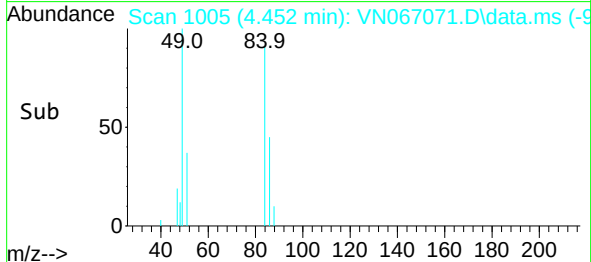
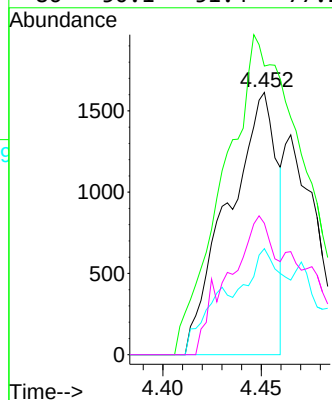


#20
Methylene Chloride
Concen: 0.61 ug/l
RT: 4.452 min Scan# 1005
Delta R.T. -0.018 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Instrument :
MSVOA_N
ClientSampled :

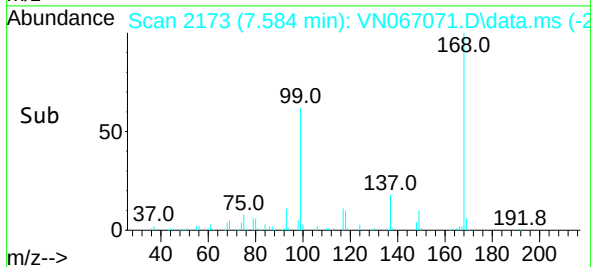
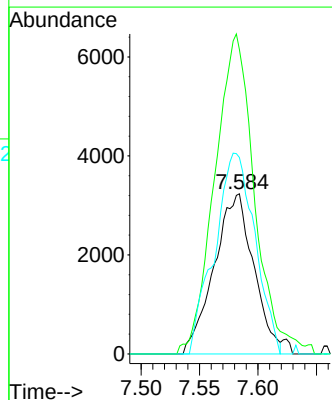
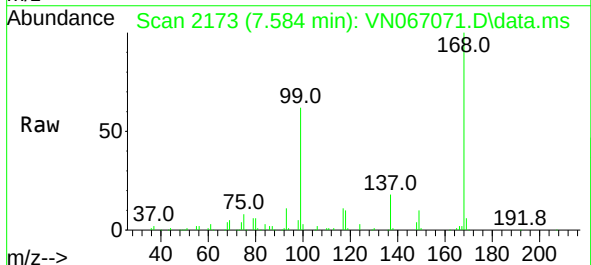


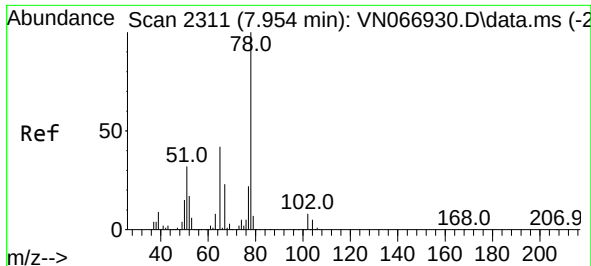
Tgt Ion: 84 Resp: 2773
Ion Ratio Lower Upper
84 100
49 99.3 94.6 141.8
51 40.5 29.9 44.9
86 50.1 51.4 77.2#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. 0.005 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Tgt Ion: 56 Resp: 7594
Ion Ratio Lower Upper
56 100
69 185.0 26.6 39.8#
84 122.7 70.4 105.6#

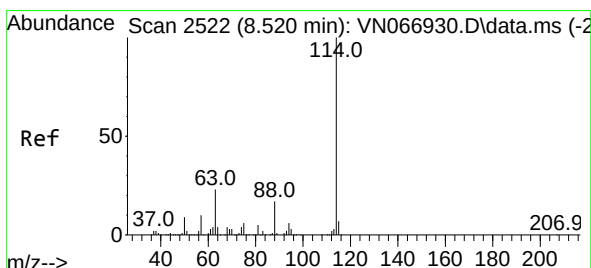
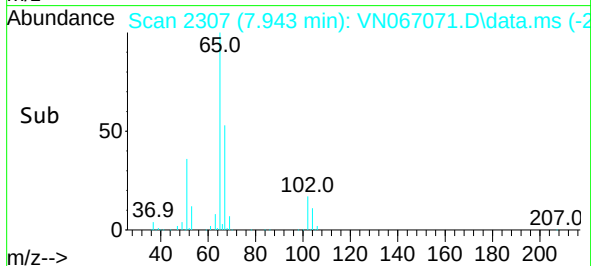
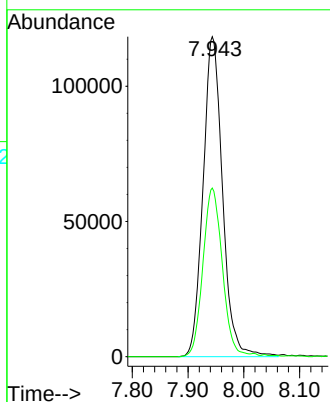
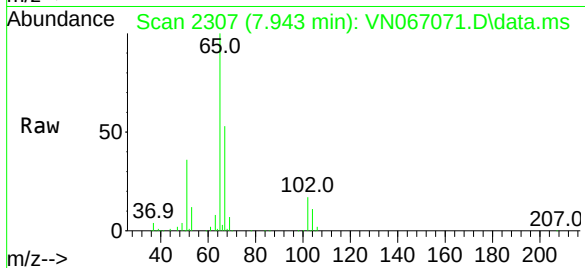




#33
 1,2-Dichloroethane-d4
 Concen: 55.97 ug/l
 RT: 7.943 min Scan# 2307
 Delta R.T. -0.011 min
 Lab File: VN067071.D
 Acq: 10 May 2021 15:01

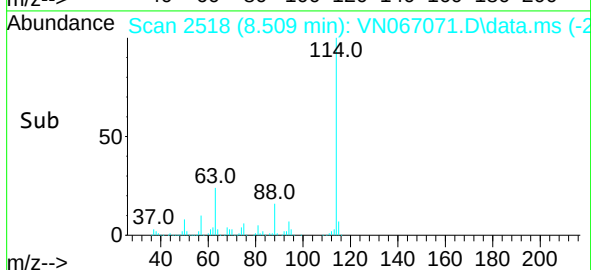
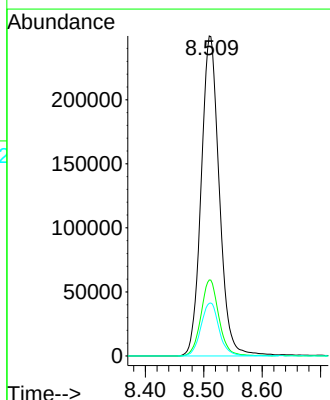
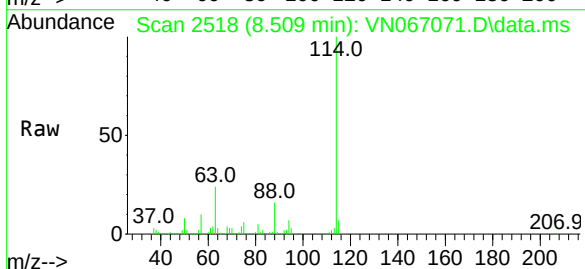
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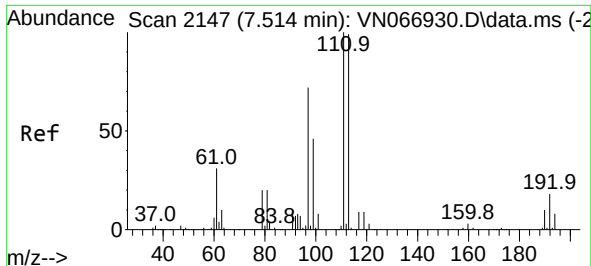
Tgt Ion: 65 Resp: 287302
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.509 min Scan# 2518
 Delta R.T. -0.011 min
 Lab File: VN067071.D
 Acq: 10 May 2021 15:01

Tgt Ion: 114 Resp: 537756
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 38.6
 88 16.4 0.0 30.6

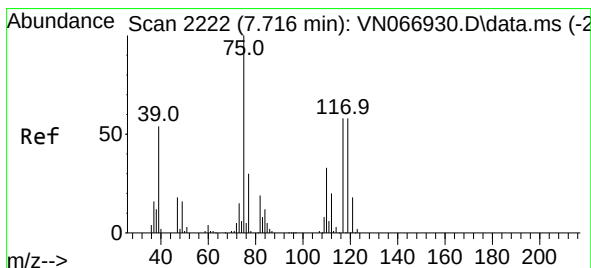
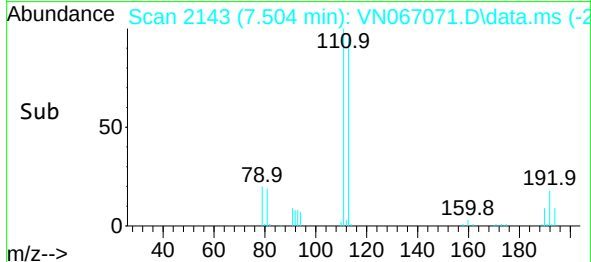
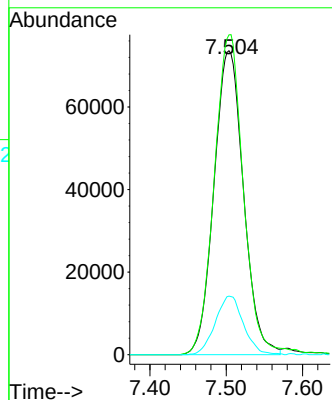
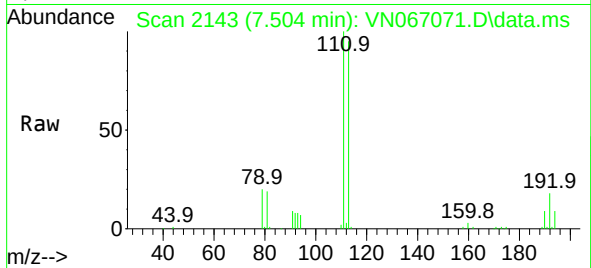




#35
Dibromofluoromethane
Concen: 54.19 ug/l
RT: 7.504 min Scan# 2143
Delta R.T. -0.010 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

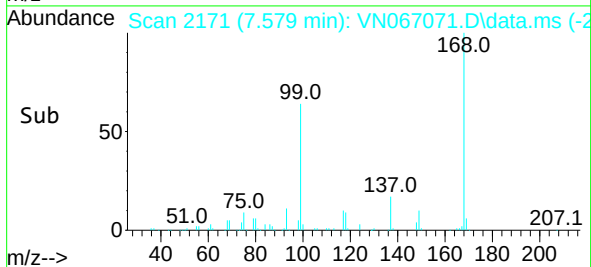
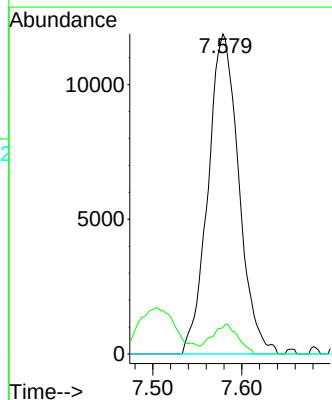
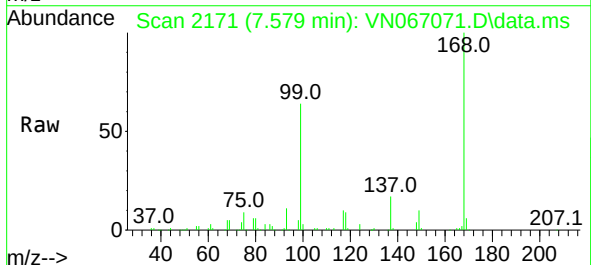
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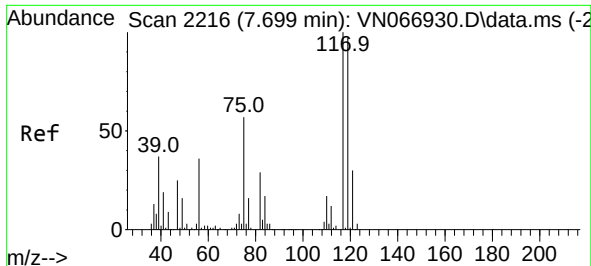
Tgt Ion:113 Resp: 197875
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 7.579 min Scan# 2171
Delta R.T. -0.137 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

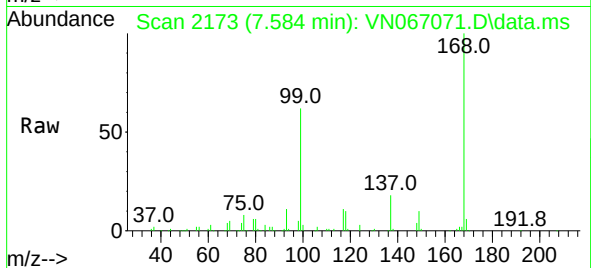
Tgt Ion: 75 Resp: 28553
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#



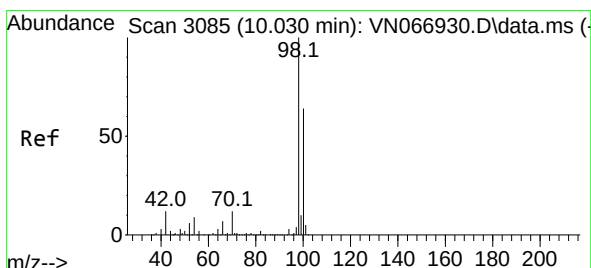
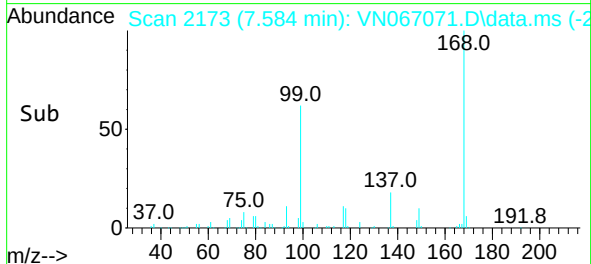
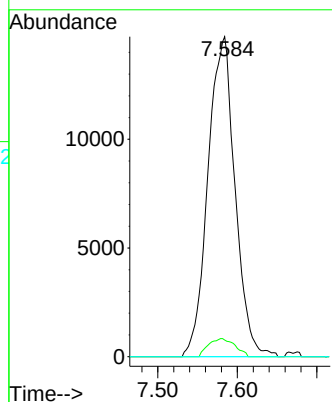


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.115 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Instrument :
MSVOA_N
ClientSampled :

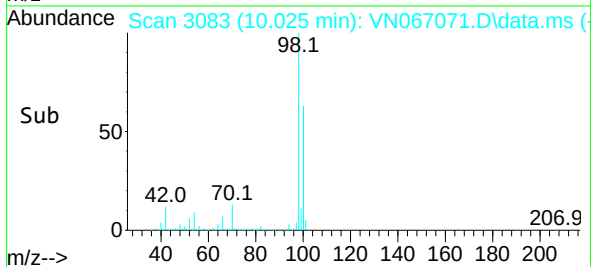
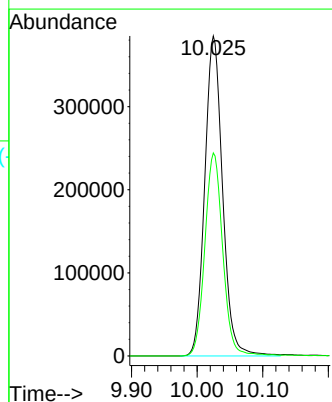
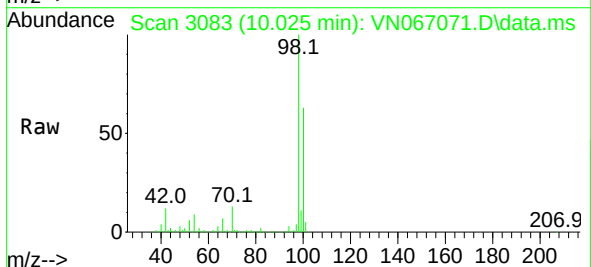


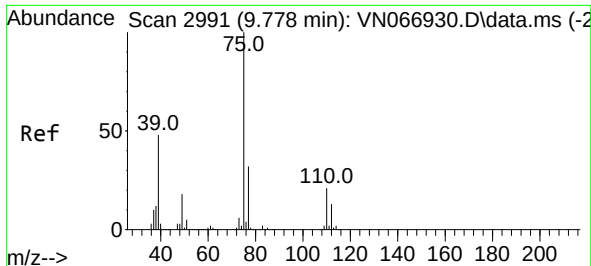
Tgt Ion:117 Resp: 34853
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.025 min Scan# 3083
Delta R.T. -0.005 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Tgt Ion: 98 Resp: 727106
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7

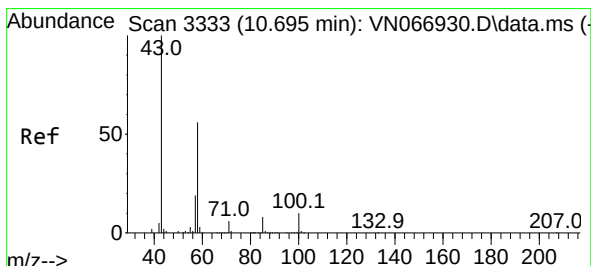
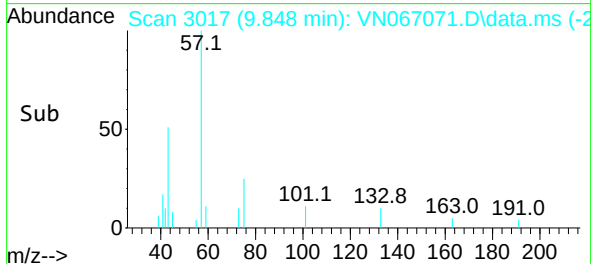
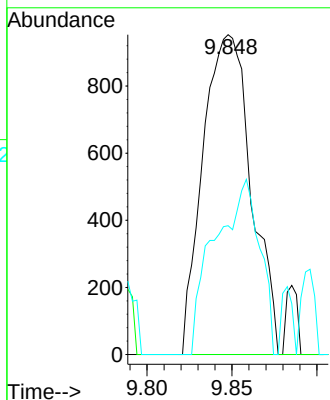
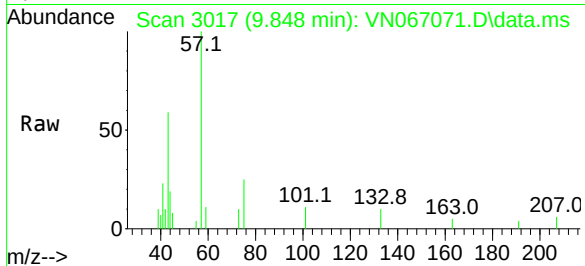




#54
cis-1,3-Dichloropropene
Concen: 0.26 ug/l
RT: 9.848 min Scan# 3017
Delta R.T. 0.070 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

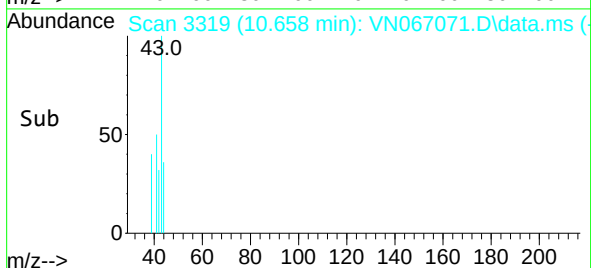
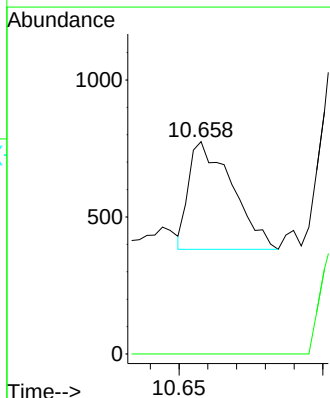
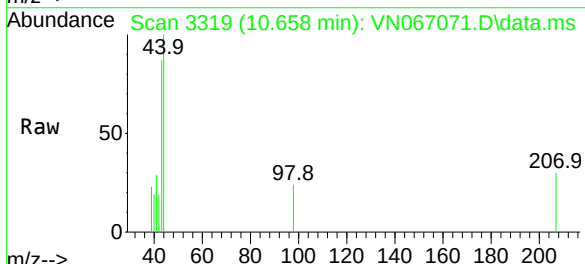
Instrument :
MSVOA_N
ClientSampleId :

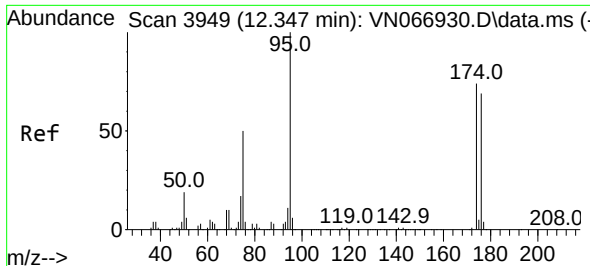
Tgt Ion: 75 Resp: 1889
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 40.3 36.2 54.4



#59
2-Hexanone
Concen: 28.46 ug/l
RT: 10.658 min Scan# 3319
Delta R.T. -0.037 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

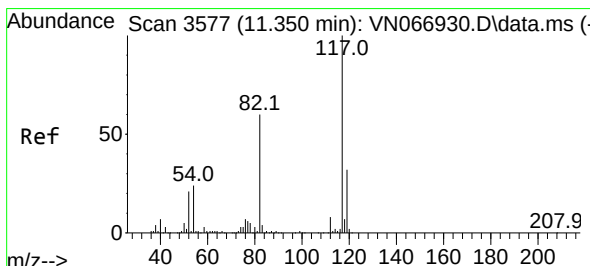
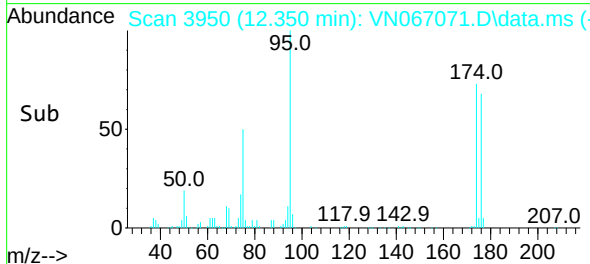
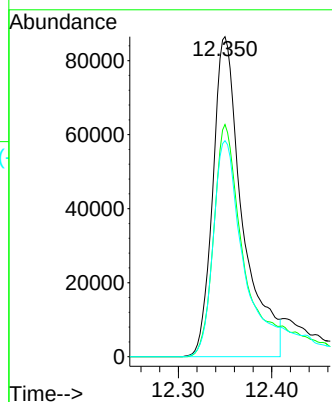
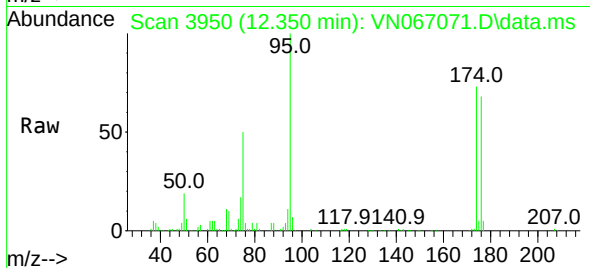




#62
4-Bromofluorobenzene
Concen: 40.55 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

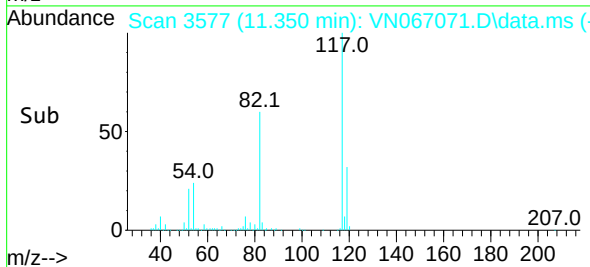
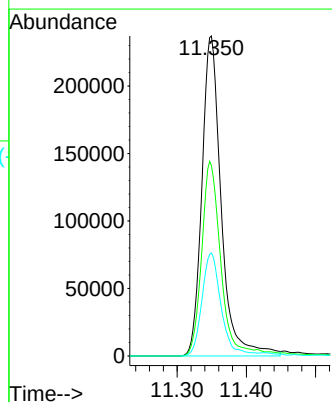
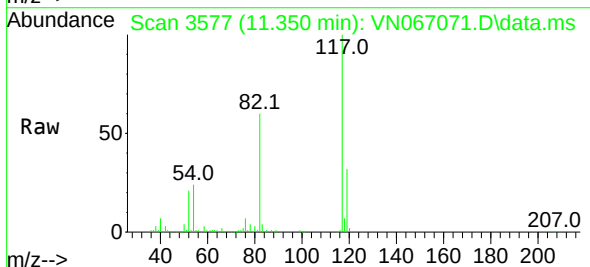
Instrument :
MSVOA_N
ClientSampleId :

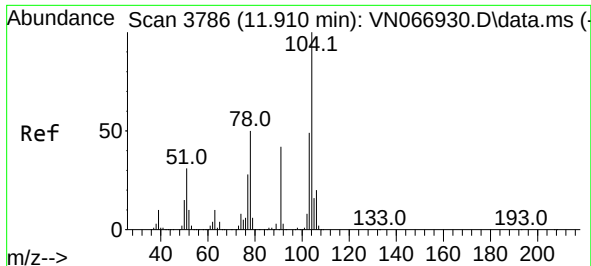
Tgt Ion: 95 Resp: 190919
Ion Ratio Lower Upper
95 100
174 81.0 0.0 169.0
176 78.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Tgt Ion: 117 Resp: 459240
Ion Ratio Lower Upper
117 100
82 59.6 43.7 65.5
119 32.2 26.1 39.1

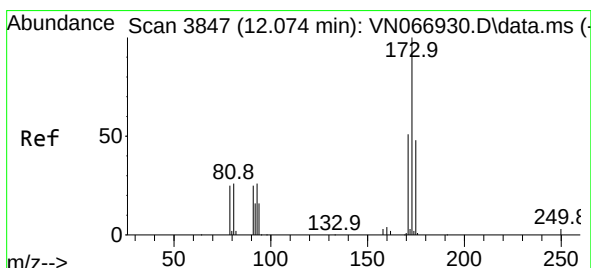
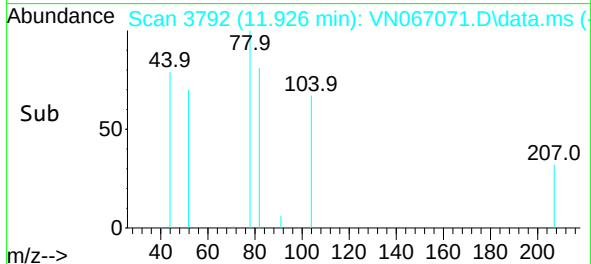
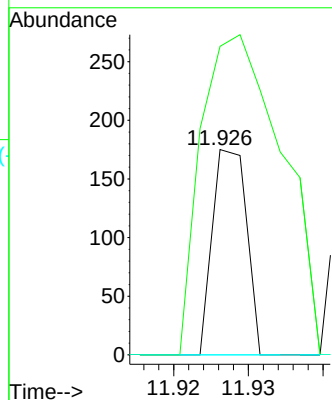
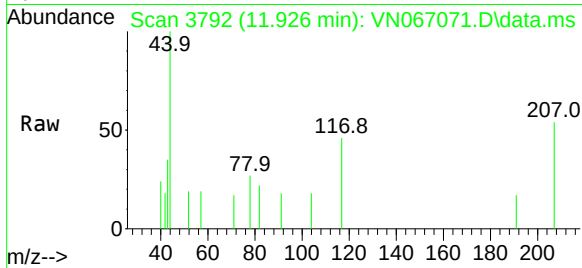




#70
Styrene
Concen: 4.72 ug/l
RT: 11.926 min Scan# 3792
Delta R.T. 0.016 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

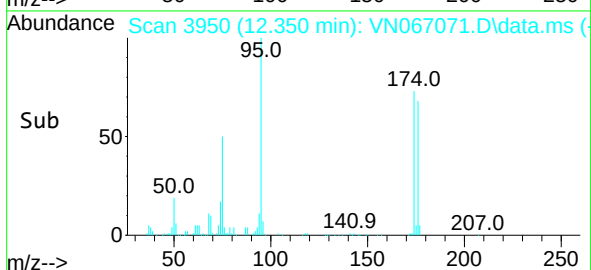
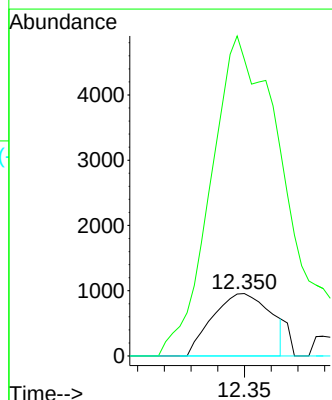
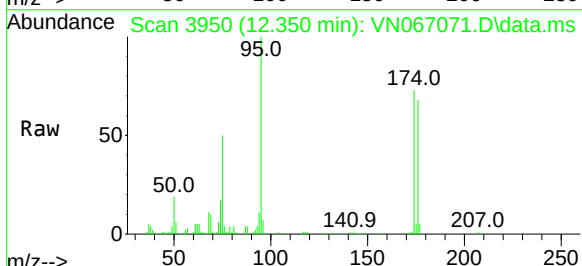
Instrument :
MSVOA_N
ClientSampled :

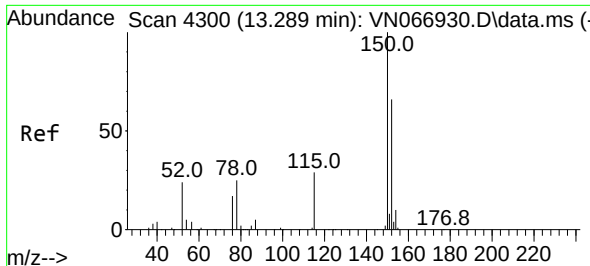
Tgt Ion:104 Resp: 56
Ion Ratio Lower Upper
104 100
78 367.9 39.0 58.4#
103 0.0 44.5 66.7#



#71
Bromoform
Concen: 0.53 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.276 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Tgt Ion:173 Resp: 1447
Ion Ratio Lower Upper
173 100
175 530.7 23.8 71.2#
254 0.0 0.0 0.0

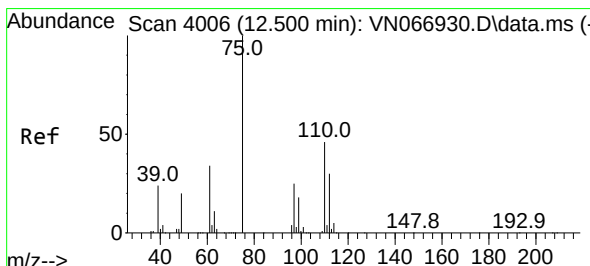
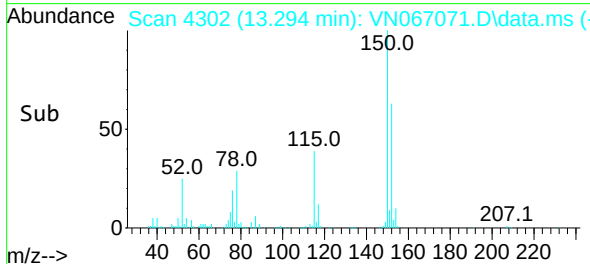
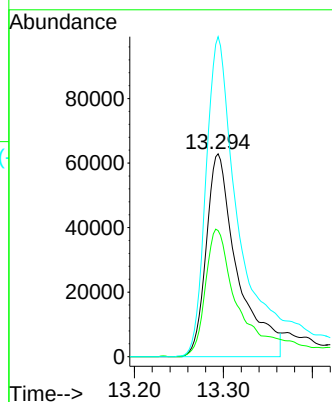
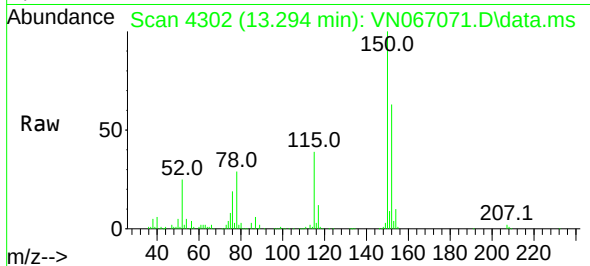




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

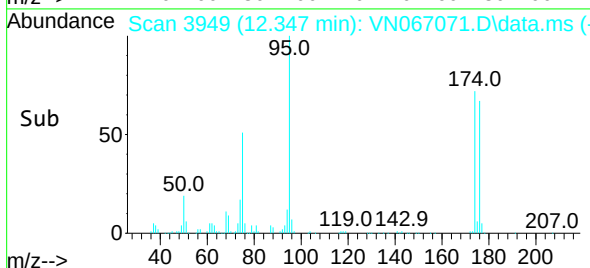
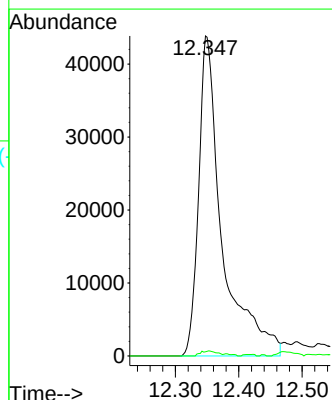
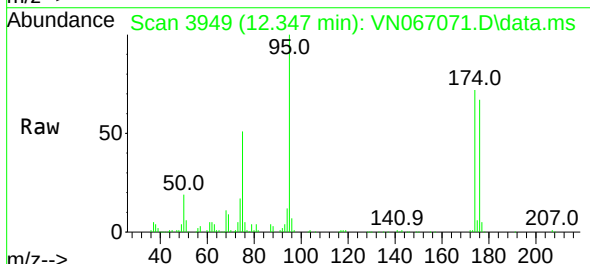
Instrument :
MSVOA_N
ClientSampled :

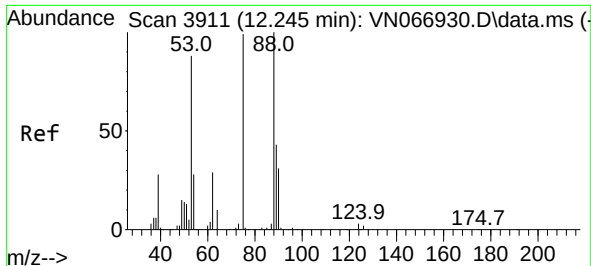
Tgt Ion:152 Resp: 153098
Ion Ratio Lower Upper
152 100
115 70.0 28.5 85.6
150 186.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 30.95 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. -0.153 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Tgt Ion: 75 Resp: 112897
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

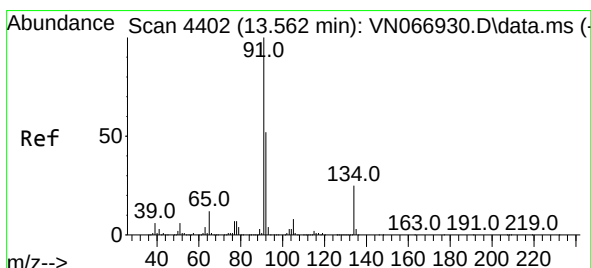
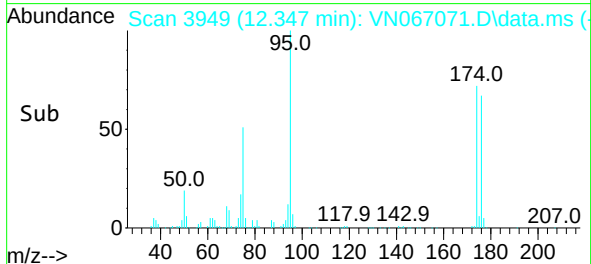
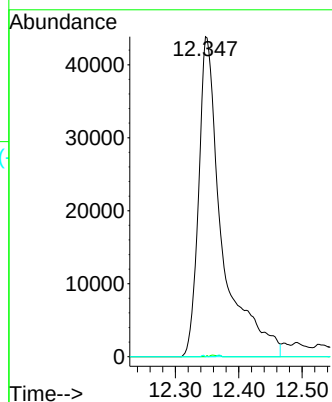
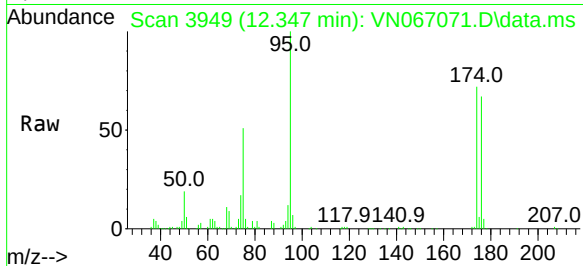




#81
trans-1,4-Dichloro-2-butene
Concen: 91.83 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.102 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

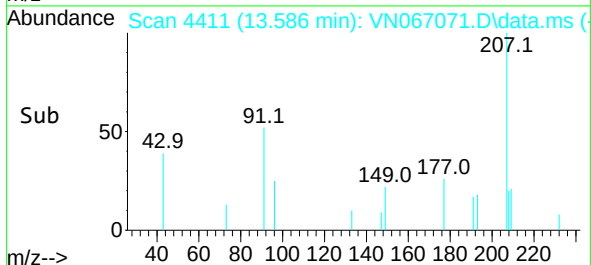
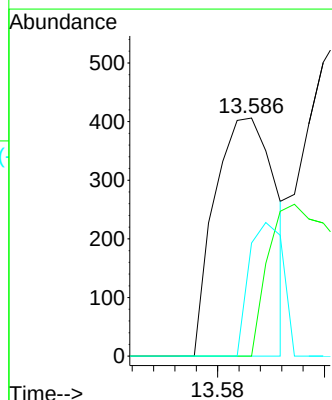
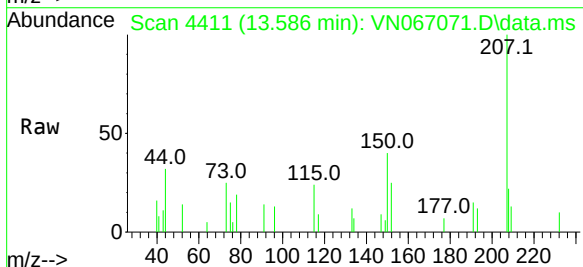
Instrument :
MSVOA_N
ClientSampleId :

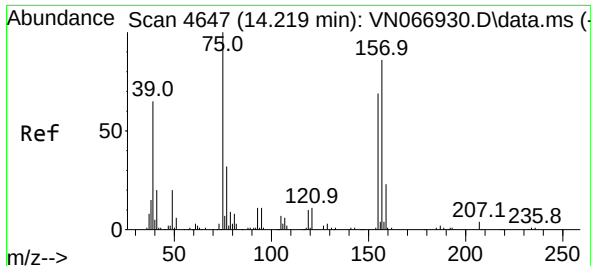
Tgt Ion: 75 Resp: 112897
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.27 ug/l
RT: 13.586 min Scan# 4411
Delta R.T. 0.024 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Tgt Ion: 91 Resp: 319
Ion Ratio Lower Upper
91 100
92 77.1 26.1 78.3
134 31.7 13.0 38.9

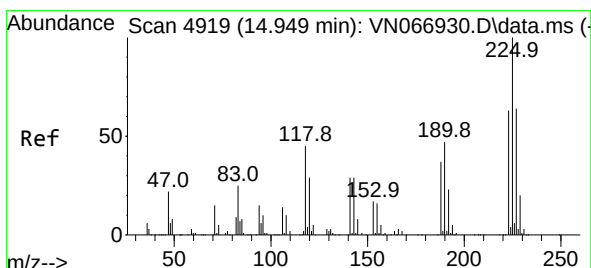
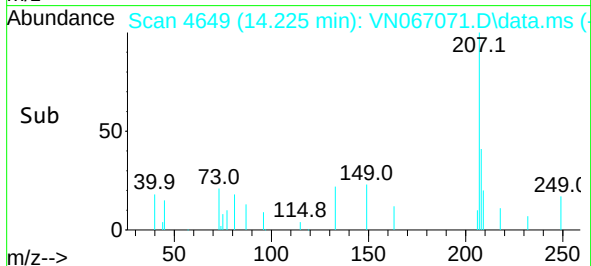
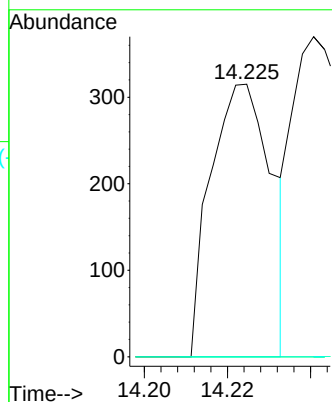
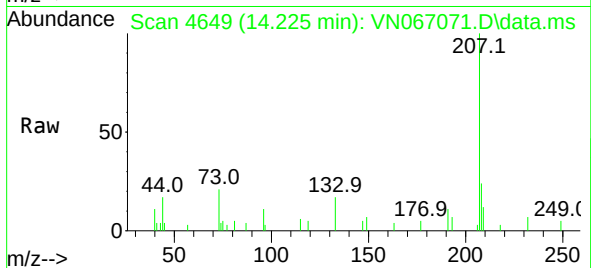




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.43 ug/l
RT: 14.225 min Scan# 4649
Delta R.T. 0.006 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

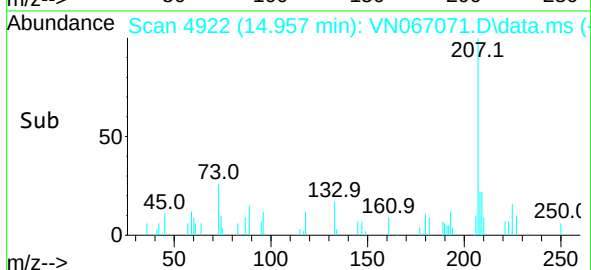
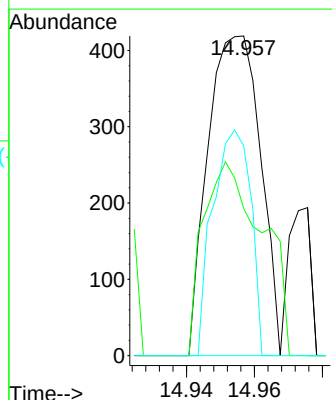
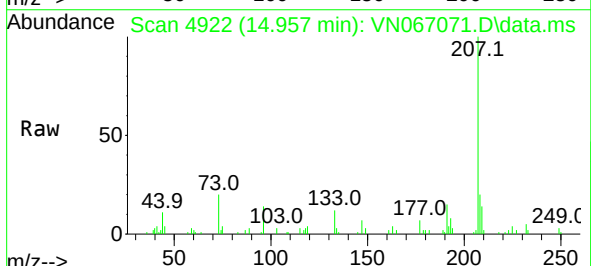
Instrument :
MSVOA_N
ClientSampled :

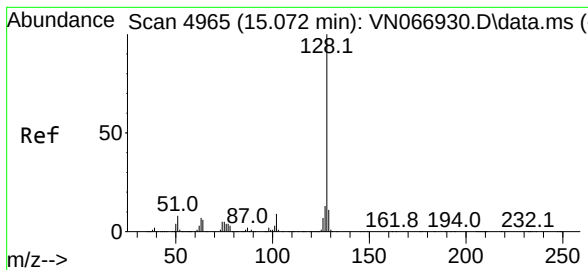
Tgt Ion: 75 Resp: 320
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#94
Hexachlorobutadiene
Concen: 0.29 ug/l
RT: 14.957 min Scan# 4922
Delta R.T. 0.008 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

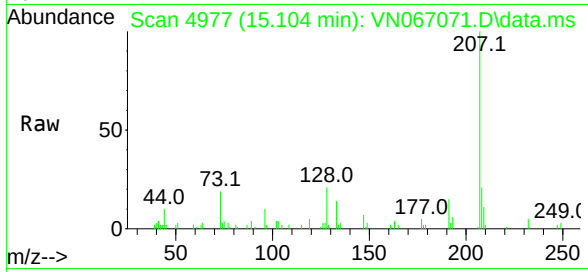
Tgt Ion: 225 Resp: 449
Ion Ratio Lower Upper
225 100
223 68.4 31.9 95.9
227 51.0 31.6 95.0





#95
Naphthalene
Concen: 0.63 ug/l
RT: 15.104 min Scan# 4977
Delta R.T. 0.032 min
Lab File: VN067071.D
Acq: 10 May 2021 15:01

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	4231
Ion	Ratio	Lower	Upper
128	100		
127	3.9	10.2	15.2#
129	6.7	8.6	13.0#

