

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070525.D
 Acq On : 6 Jan 2022 17:43
 Operator : JC/MD
 Sample : N1015-09 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 08 01:41:08 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)

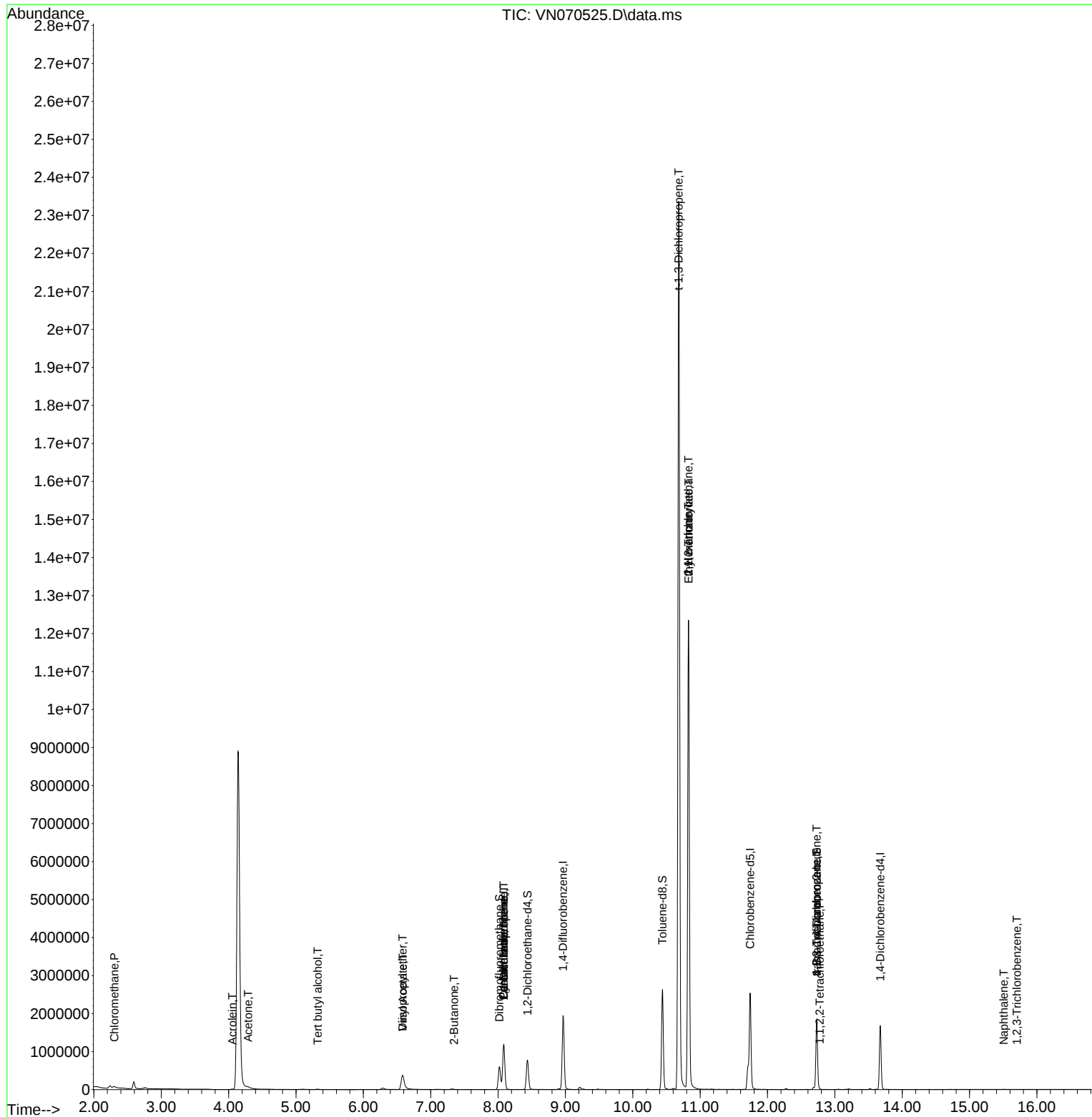
Internal Standards						
1) Pentafluorobenzene	8.083	168	911999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1560588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1414459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	467557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	641595	48.929	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.860%
35) Dibromofluoromethane	8.019	113	451289	47.794	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.580%
50) Toluene-d8	10.440	98	1813576	47.017	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.731	95	665130	47.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3938	0.280	ug/l #	87
11) Tert butyl alcohol	5.323	59	9813	4.494	ug/l #	89
13) Acrolein	4.055	56	17751	10.020	ug/l #	14
16) Acetone	4.291	43	47326	5.560	ug/l #	1
22) Diisopropyl ether	6.584	45	31642	0.771	ug/l #	1
23) Vinyl Acetate	6.586	43	78372	2.463	ug/l #	72
25) 2-Butanone	7.348	43	3501	0.327	ug/l	91
31) Cyclohexane	8.083	56	20665	0.999	ug/l #	4
36) 1,1-Dichloropropene	8.086	75	74240	4.753	ug/l #	48
38) Carbon Tetrachloride	8.083	117	87990	5.899	ug/l #	17
53) t-1,3-Dichloropropene	10.682	75	43105	2.501	ug/l #	48
55) 1,1,2-Trichloroethane	10.827	97	5137	0.448	ug/l #	1
56) Ethyl methacrylate	10.829	69	11891	0.627	ug/l #	1
59) 2-Hexanone	10.827	43	1046174	71.521	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.776	83	993	0.509	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	342265	26.108	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	342265	89.437	ug/l #	5
95) Naphthalene	15.507	128	2910	1.929	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.702	180	54	0.833	ug/l #	30

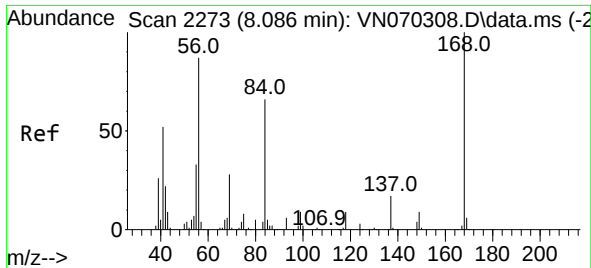
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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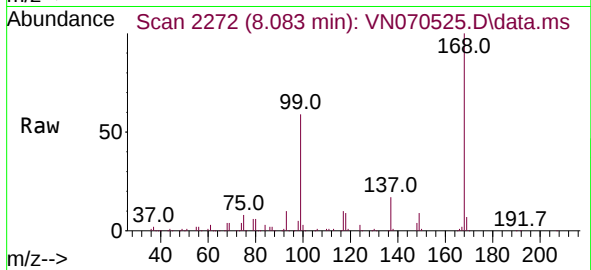
Quant Time: Jan 08 01:41:08 2022
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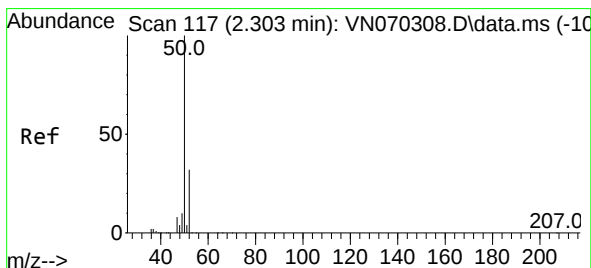
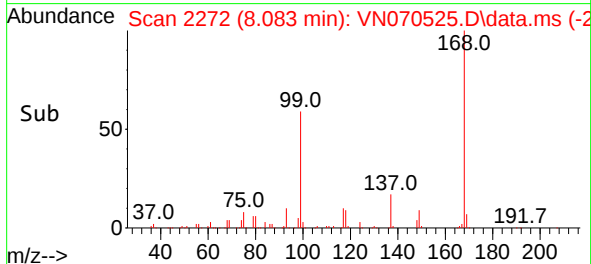
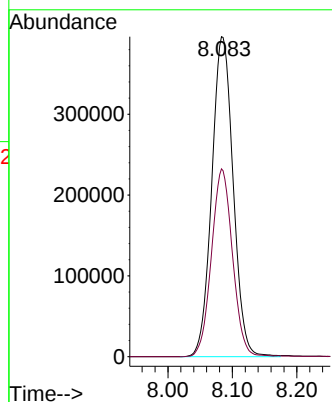


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :

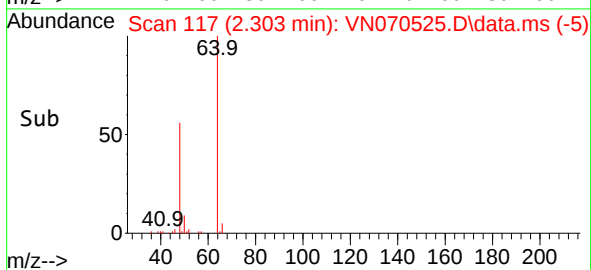
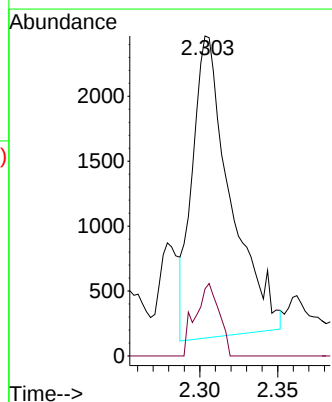
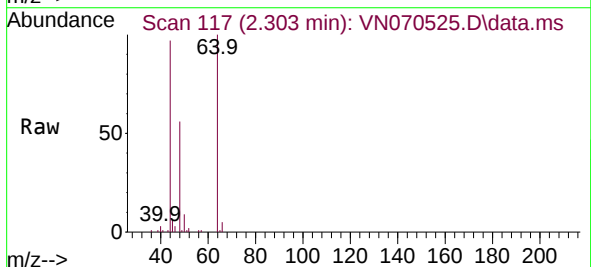


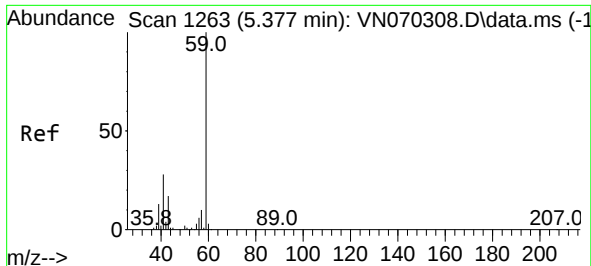
Tgt Ion:168 Resp: 911999
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9



#3
Chloromethane
Concen: 0.280 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Tgt Ion: 50 Resp: 3938
Ion Ratio Lower Upper
50 100
52 24.5 25.4 38.0#





#11

Tert butyl alcohol

Concen: 4.494 ug/l

RT: 5.323 min Scan# 11

Delta R.T. -0.054 min

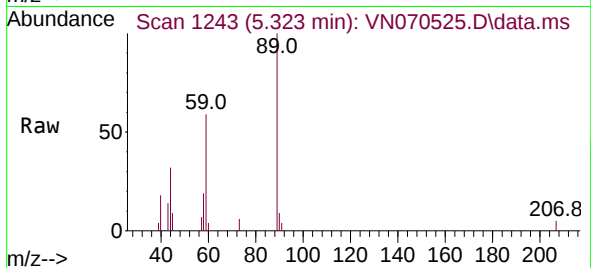
Lab File: VN070525.D

Acq: 6 Jan 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

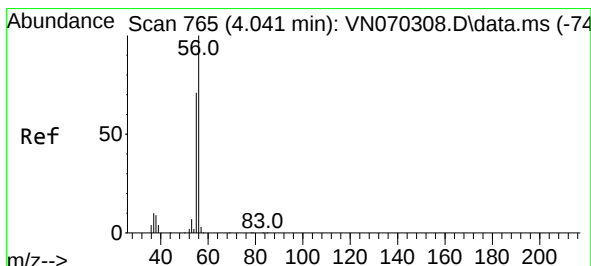
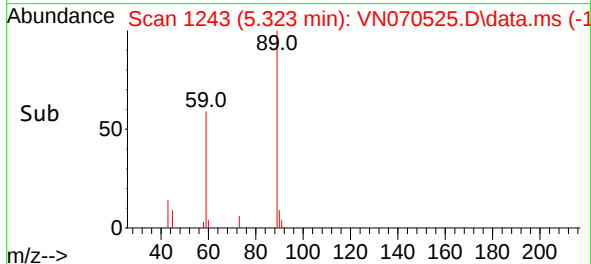
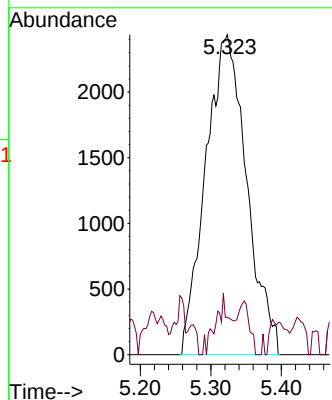


Tgt Ion: 59 Resp: 9813

Ion Ratio Lower Upper

59 100

57 6.7 8.7 13.1#



#13

Acrolein

Concen: 10.020 ug/l

RT: 4.055 min Scan# 770

Delta R.T. 0.014 min

Lab File: VN070525.D

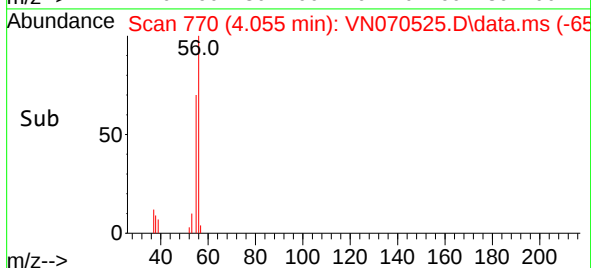
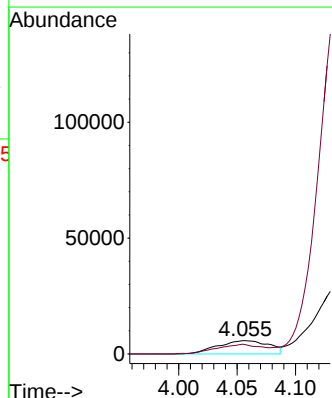
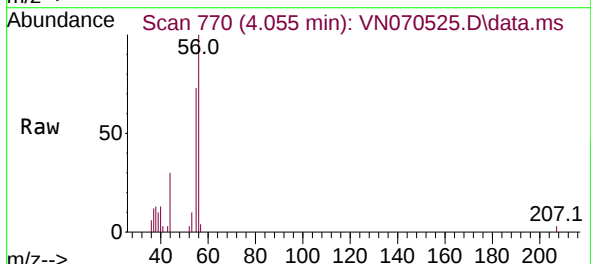
Acq: 6 Jan 2022 17:43

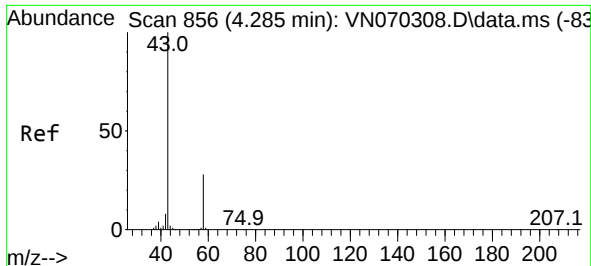
Tgt Ion: 56 Resp: 17751

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#

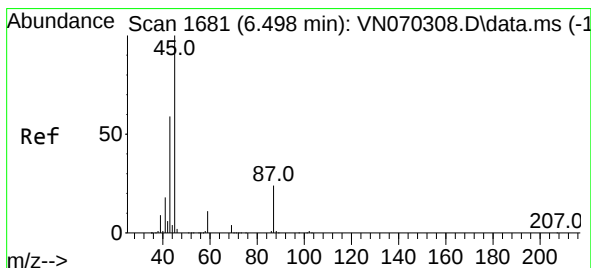
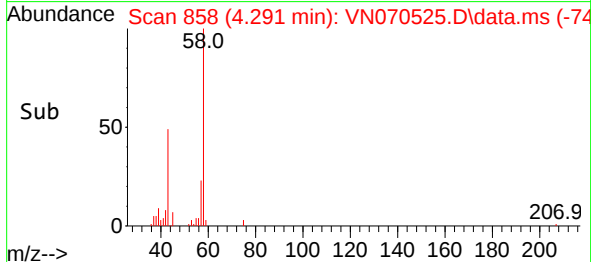
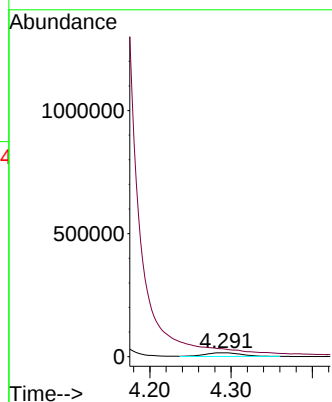
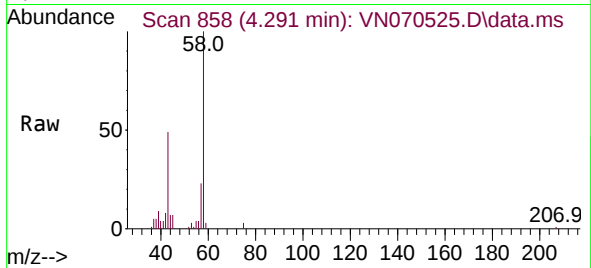




#16
Acetone
Concen: 5.560 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

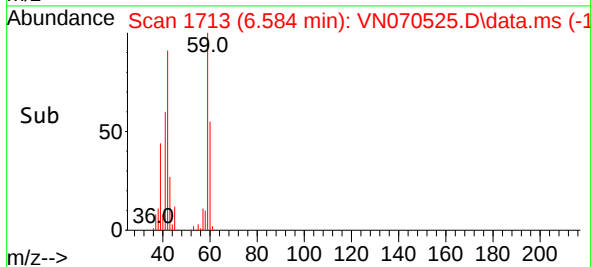
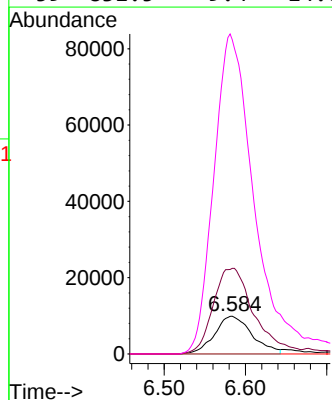
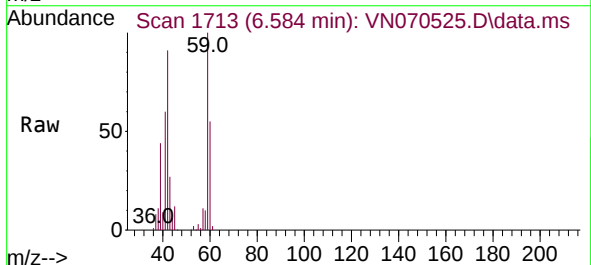
Instrument :
MSVOA_N
ClientSampleId :

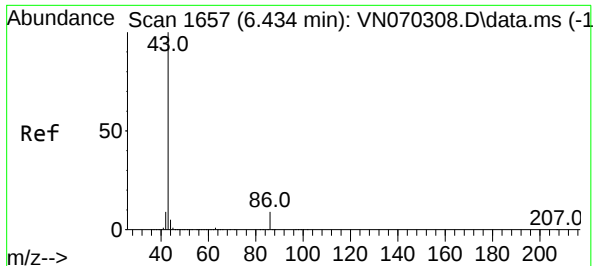
Tgt Ion: 43 Resp: 47326
Ion Ratio Lower Upper
43 100
58 131.5 23.1 34.7#



#22
Diisopropyl ether
Concen: 0.771 ug/l
RT: 6.584 min Scan# 1713
Delta R.T. 0.086 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Tgt Ion: 45 Resp: 31642
Ion Ratio Lower Upper
45 100
43 226.3 51.7 77.5#
87 0.0 23.2 34.8#
59 831.5 9.4 14.0#

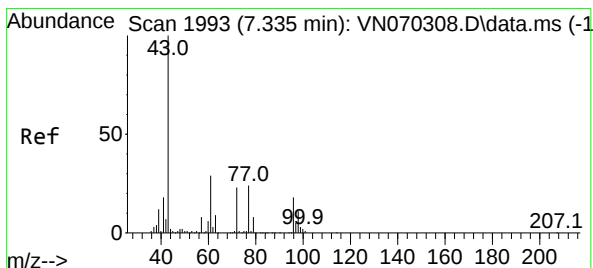
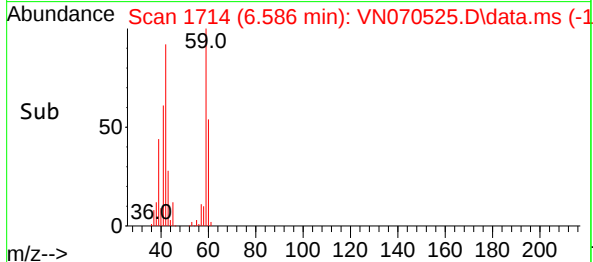
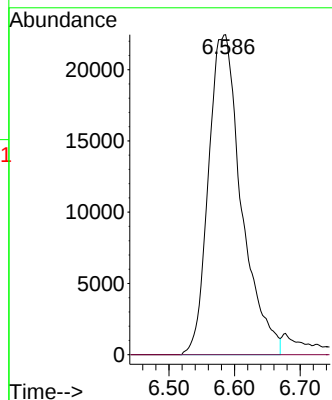
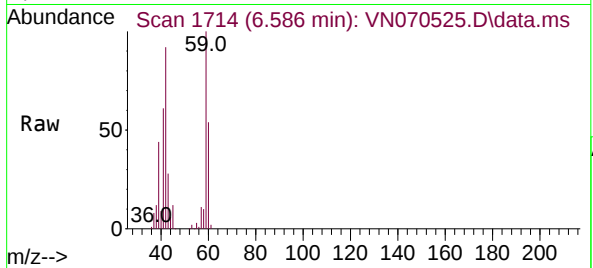




#23
 Vinyl Acetate
 Concen: 2.463 ug/l
 RT: 6.586 min Scan# 11
 Delta R.T. 0.152 min
 Lab File: VN070525.D
 Acq: 6 Jan 2022 17:43

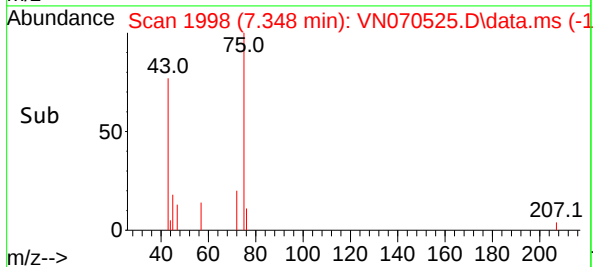
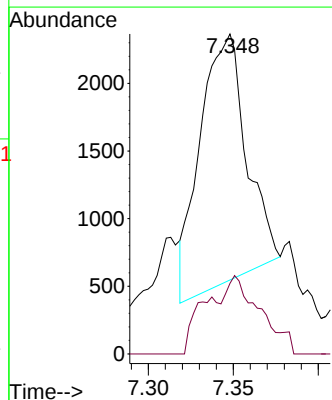
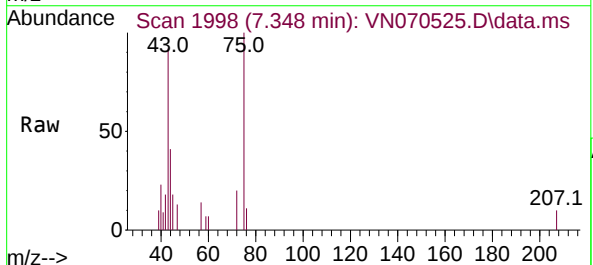
Instrument :
 MSVOA_N
 ClientSampleId :

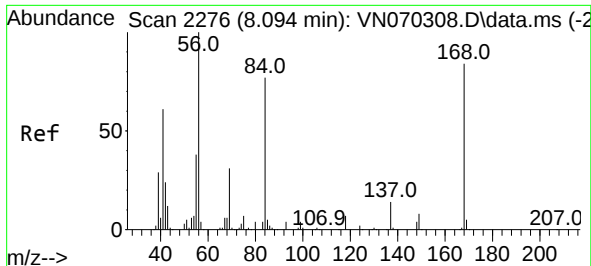
Tgt Ion: 43 Resp: 78372
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 0.327 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. 0.013 min
 Lab File: VN070525.D
 Acq: 6 Jan 2022 17:43

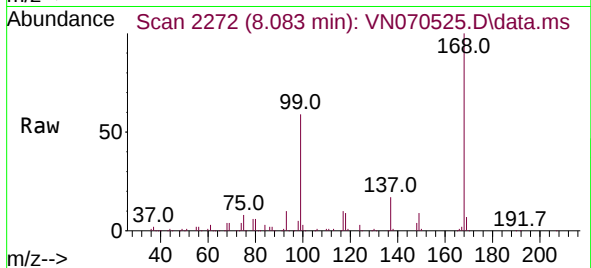
Tgt Ion: 43 Resp: 3501
 Ion Ratio Lower Upper
 43 100
 72 31.7 21.7 32.5



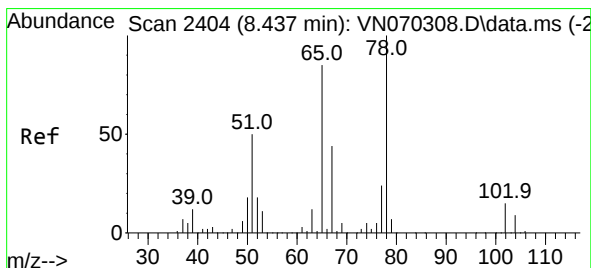
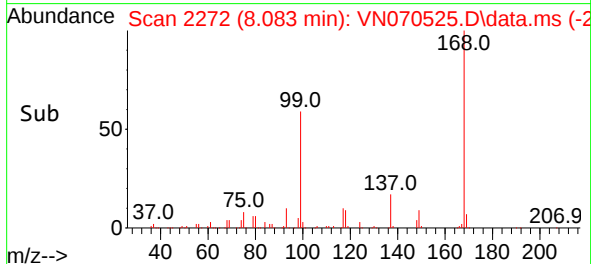
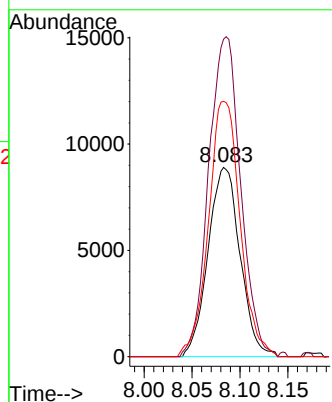


#31
Cyclohexane
Concen: 0.999 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :

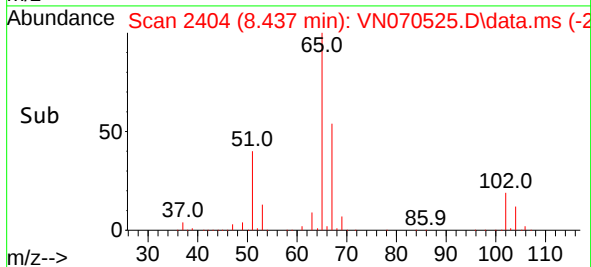
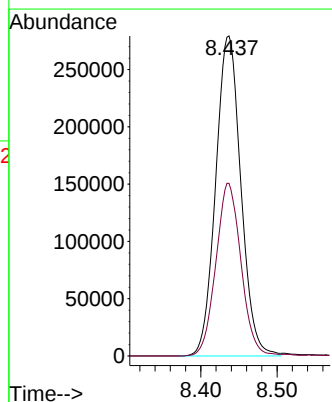
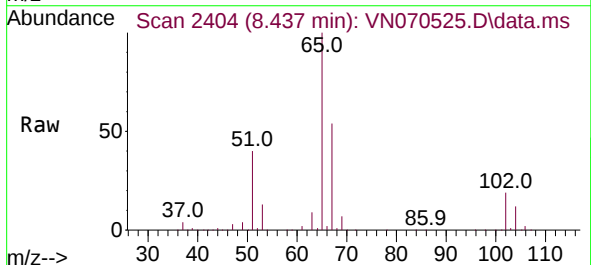


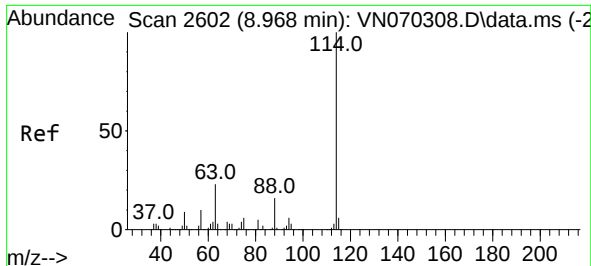
Tgt Ion: 56 Resp: 20665
Ion Ratio Lower Upper
56 100
69 167.7 27.1 40.7#
84 134.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

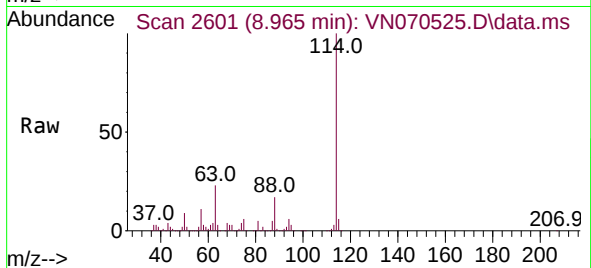
Tgt Ion: 65 Resp: 641595
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0





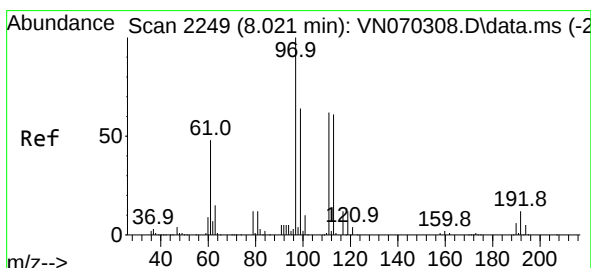
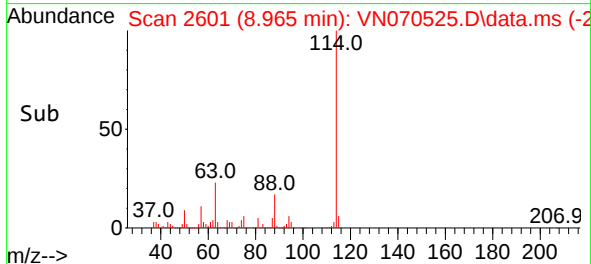
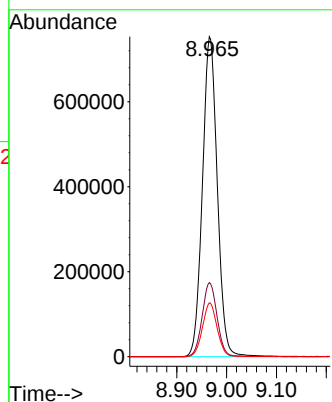
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 1560588

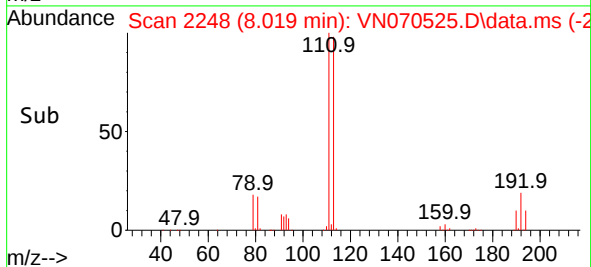
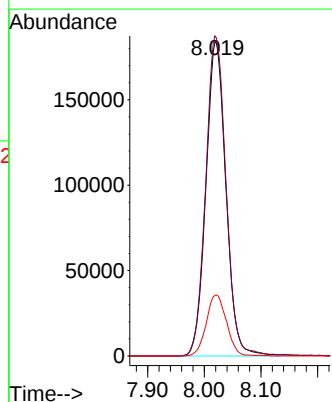
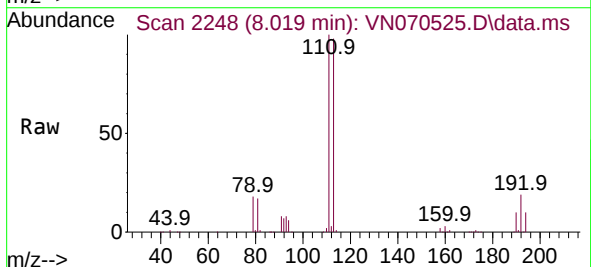
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	37.8
88	16.8	0.0	27.4

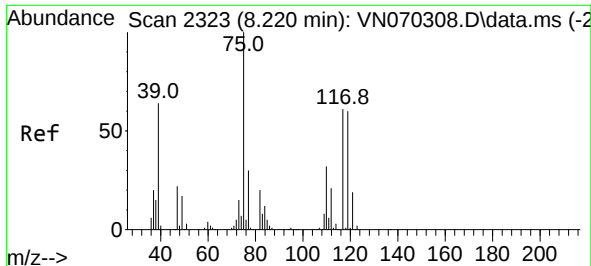


#35
Dibromofluoromethane
Concen: 47.794 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Tgt Ion:113 Resp: 451289

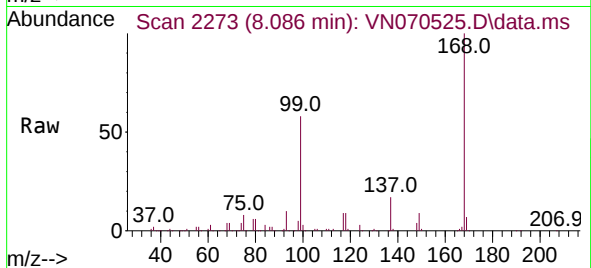
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	19.6	16.9	25.3



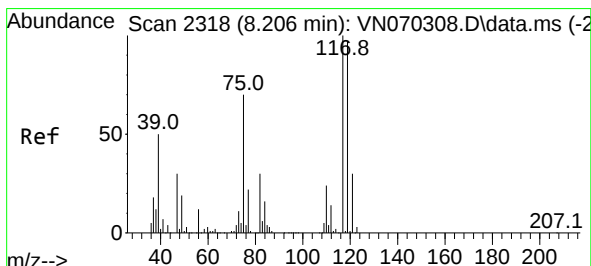
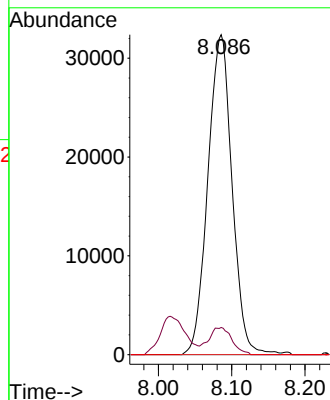
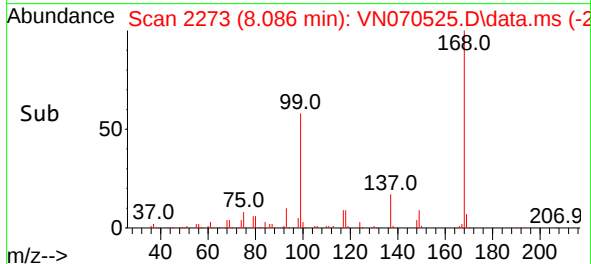


#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070525.D
 Acq: 6 Jan 2022 17:43

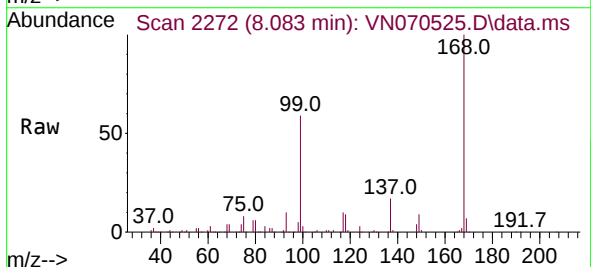
Instrument :
 MSVOA_N
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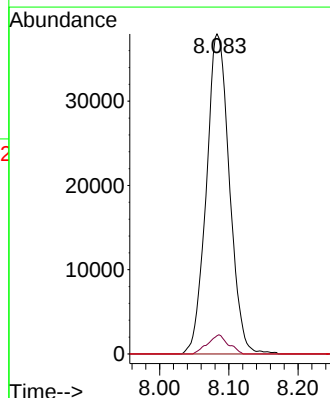
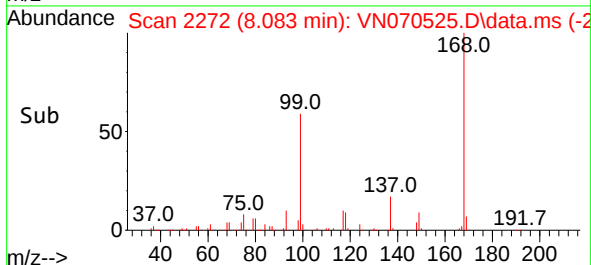
Tgt Ion: 75 Resp: 74240
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.2#
 77 0.0 24.4 36.6#

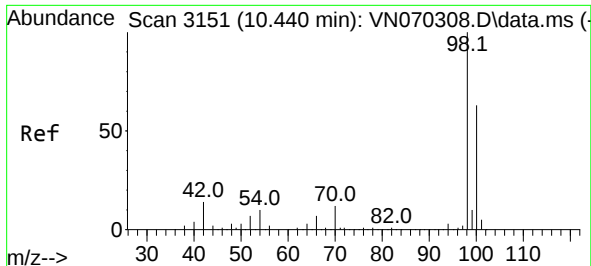


#38
 Carbon Tetrachloride
 Concen: 5.899 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.123 min
 Lab File: VN070525.D
 Acq: 6 Jan 2022 17:43



Tgt Ion: 117 Resp: 87990
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.1 114.1#
 121 0.0 24.2 36.2#

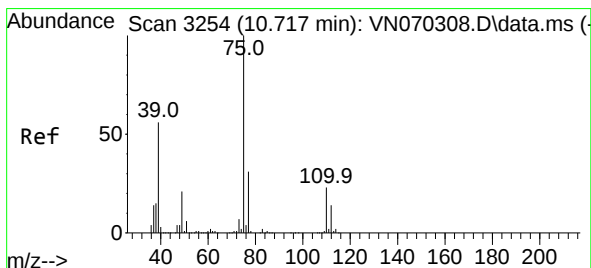
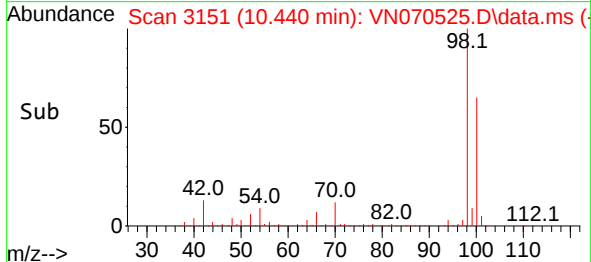
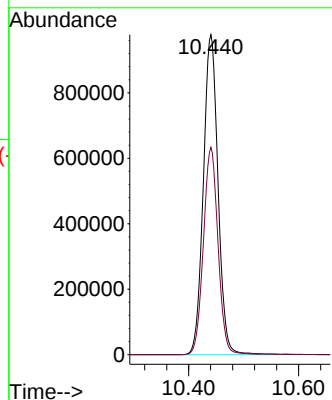
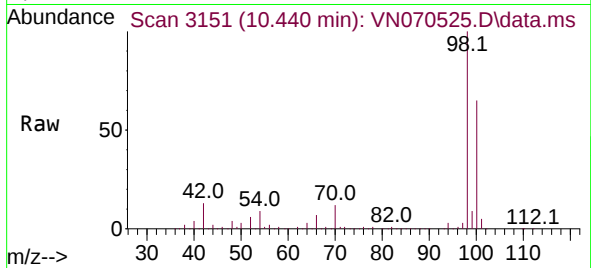




#50
Toluene-d8
Concen: 47.017 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

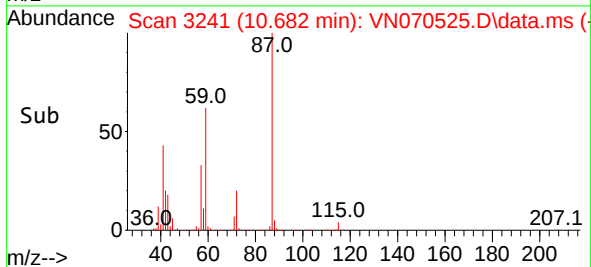
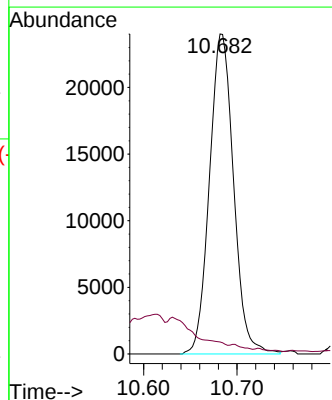
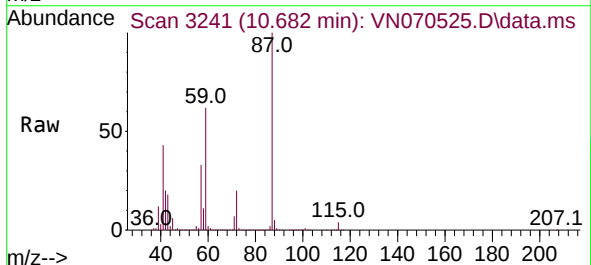
Instrument :
MSVOA_N
ClientSampleId :

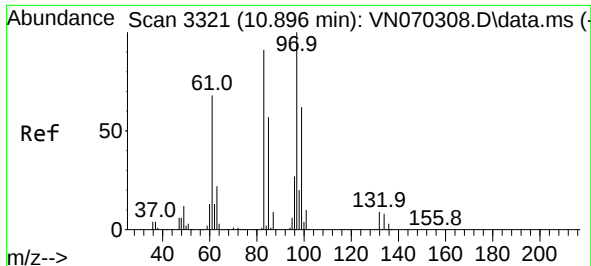
Tgt Ion: 98 Resp: 1813576
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.501 ug/l
RT: 10.682 min Scan# 3241
Delta R.T. -0.035 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Tgt Ion: 75 Resp: 43105
Ion Ratio Lower Upper
75 100
77 2.8 25.6 38.4#

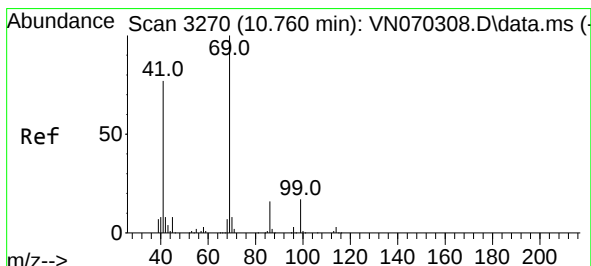
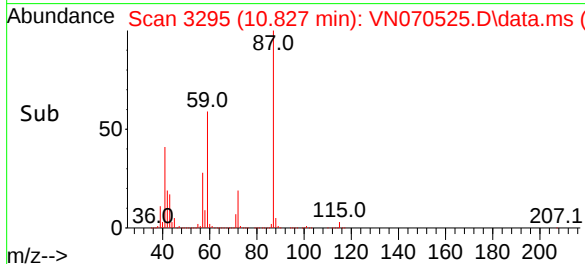
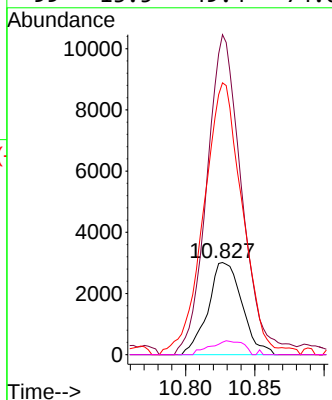
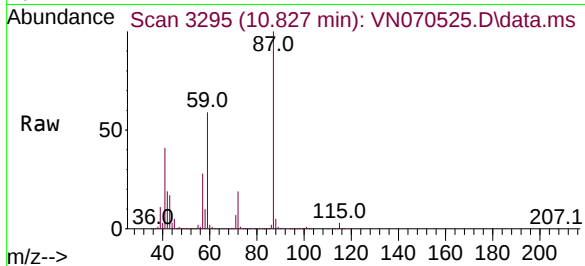




#55
1,1,2-Trichloroethane
Concen: 0.448 ug/l
RT: 10.827 min Scan# 31
Delta R.T. -0.069 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

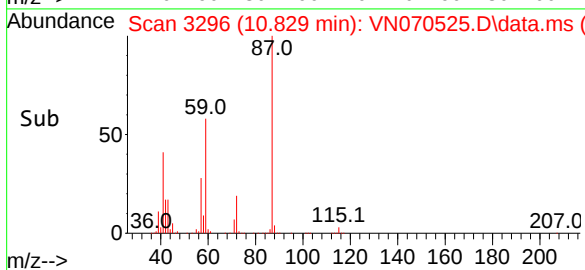
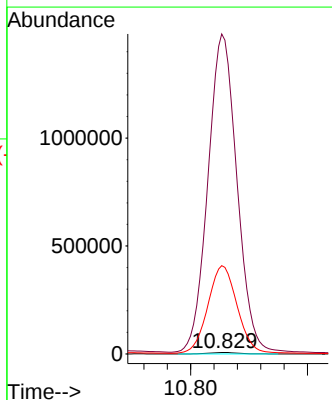
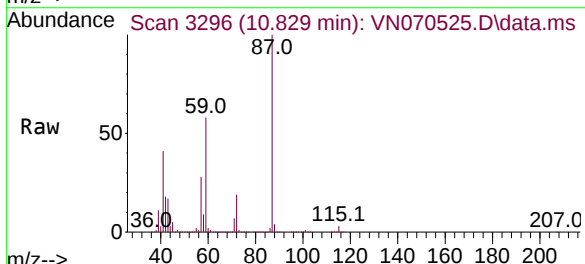
Instrument :
MSVOA_N
ClientSampleId :

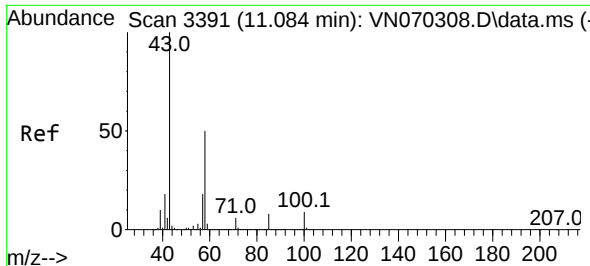
Tgt Ion: 97 Resp: 5137
Ion Ratio Lower Upper
97 100
83 340.1 67.8 101.6#
85 287.6 45.4 68.2#
99 13.5 49.4 74.0#



#56
Ethyl methacrylate
Concen: 0.627 ug/l
RT: 10.829 min Scan# 3296
Delta R.T. 0.069 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Tgt Ion: 69 Resp: 11891
Ion Ratio Lower Upper
69 100
41 21849.8 51.4 77.0#
39 6031.0 34.6 52.0#

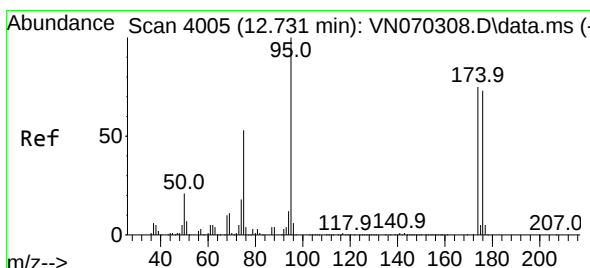
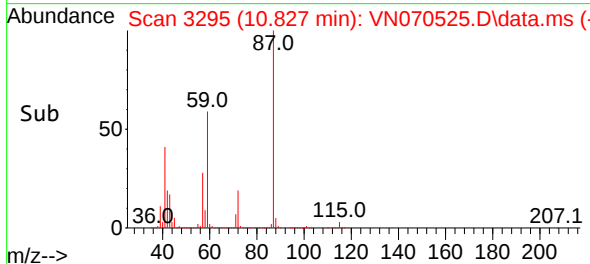
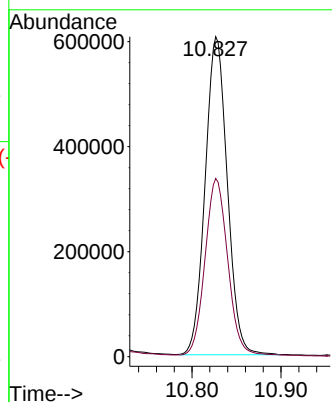
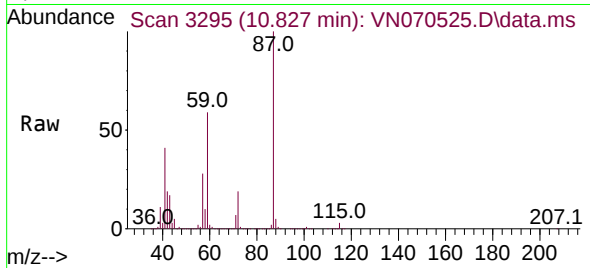




#59
2-Hexanone
Concen: 71.521 ug/l
RT: 10.827 min Scan# 31
Delta R.T. -0.257 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

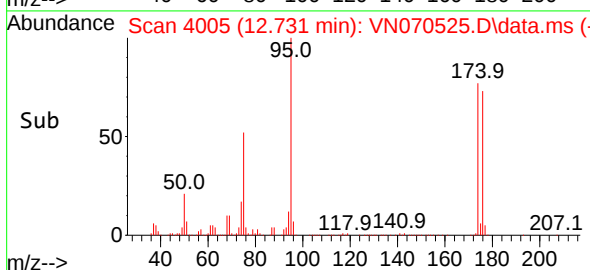
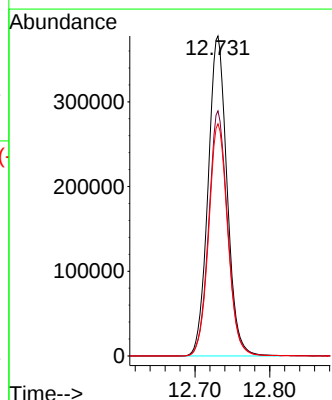
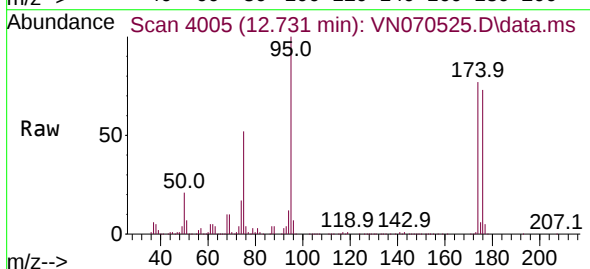
Instrument :
MSVOA_N
ClientSampleId :

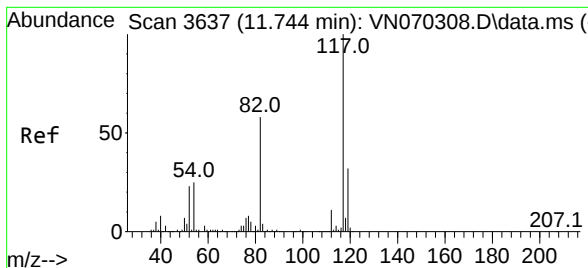
Tgt Ion: 43 Resp: 1046174
Ion Ratio Lower Upper
43 100
58 58.2 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 47.742 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

Tgt Ion: 95 Resp: 665130
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 72.9 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

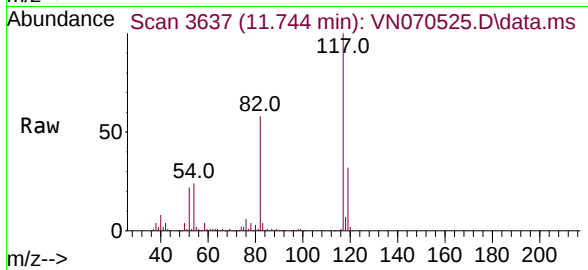
Lab File: VN070525.D

Acq: 6 Jan 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :



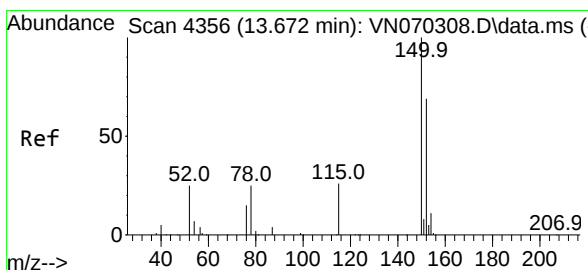
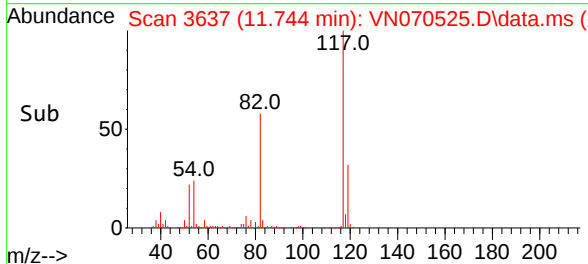
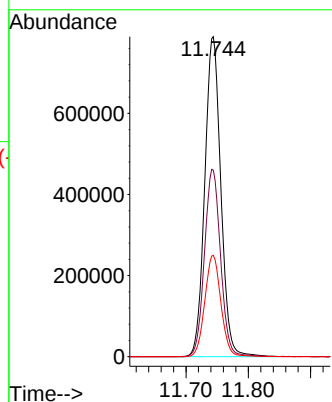
Tgt Ion:117 Resp: 1414459

Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

119 31.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070525.D

Acq: 6 Jan 2022 17:43

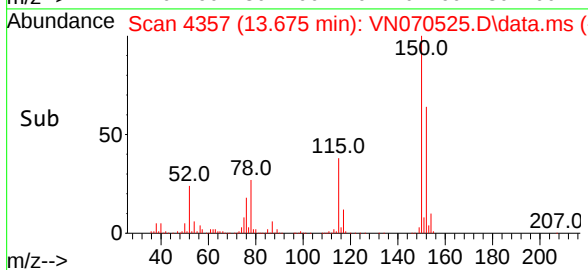
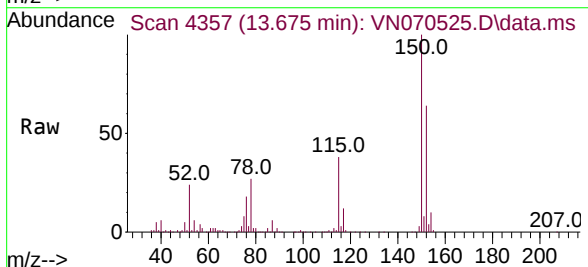
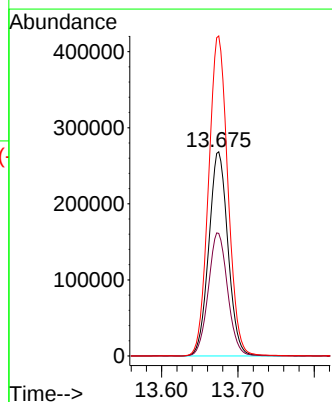
Tgt Ion:152 Resp: 467557

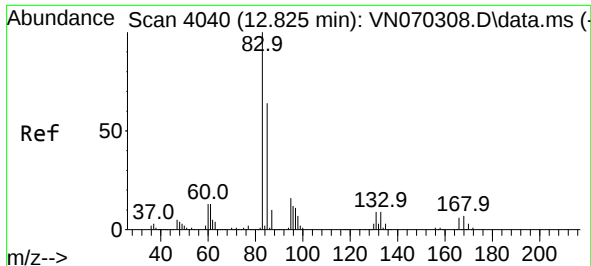
Ion Ratio Lower Upper

152 100

115 60.9 27.5 82.5

150 158.1 0.0 344.4

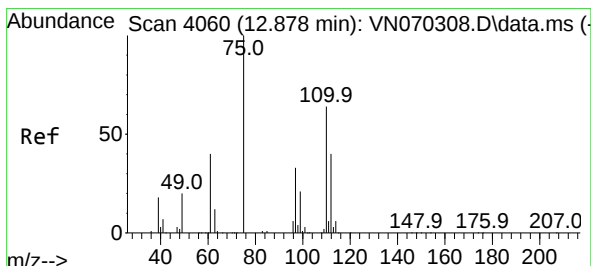
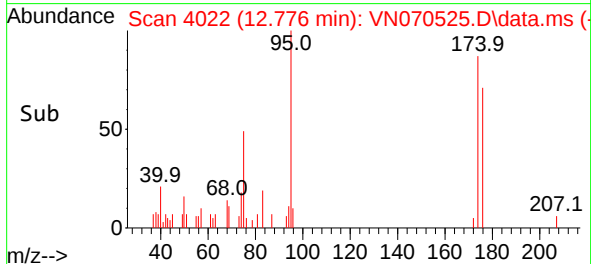
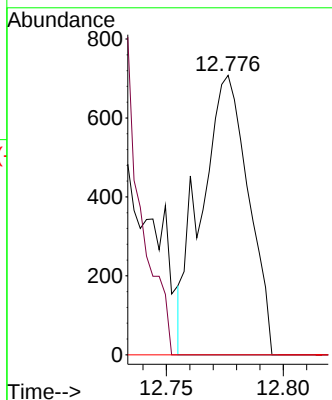
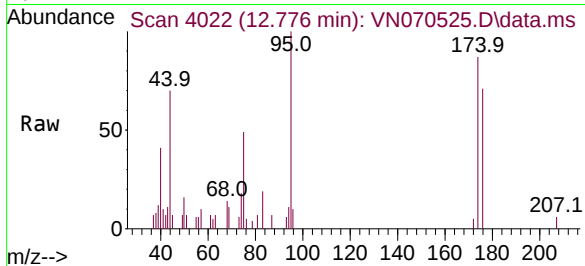




#75
1,1,2,2-Tetrachloroethane
Concen: 0.509 ug/l
RT: 12.776 min Scan# 4040
Delta R.T. -0.049 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

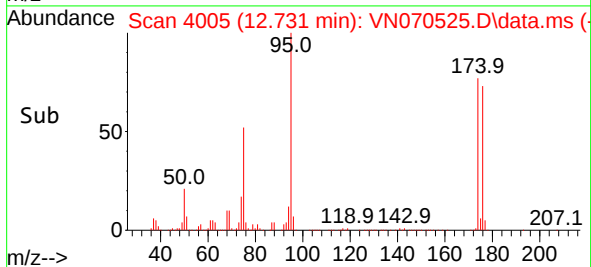
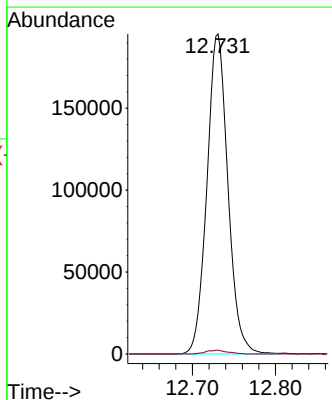
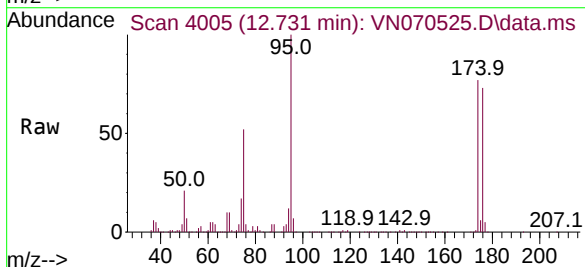
Instrument :
MSVOA_N
ClientSampleId :

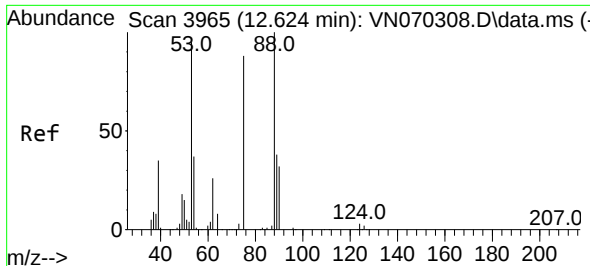
Tgt Ion: 83 Resp: 993
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 26.108 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

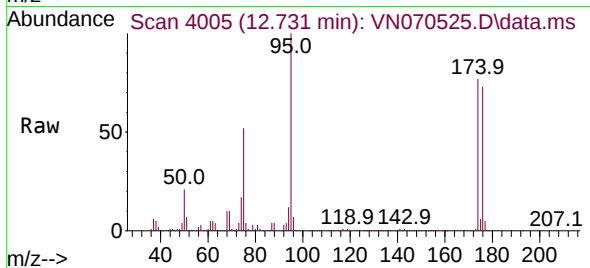
Tgt Ion: 75 Resp: 342265
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



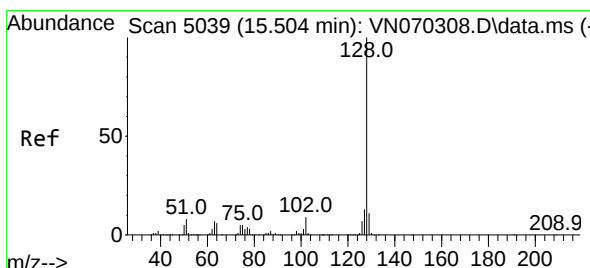
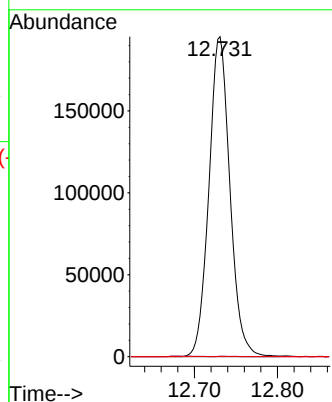
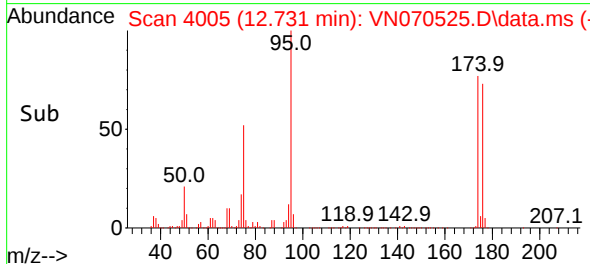


#81
trans-1,4-Dichloro-2-butene
Concen: 89.437 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43

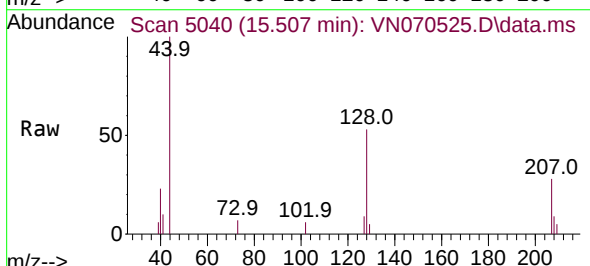
Instrument :
MSVOA_N
ClientSampleId :



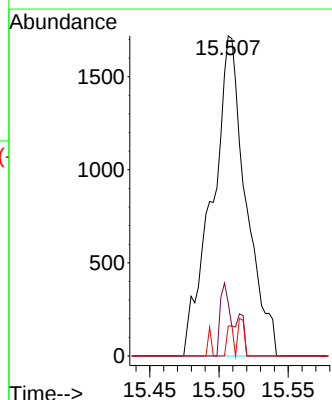
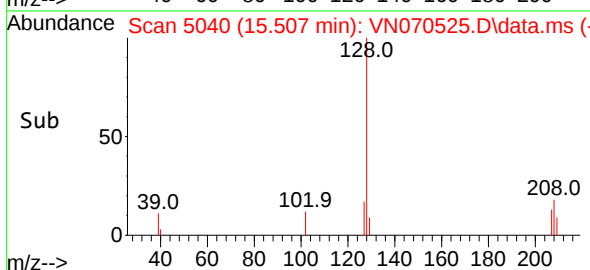
Tgt Ion: 75 Resp: 342265
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

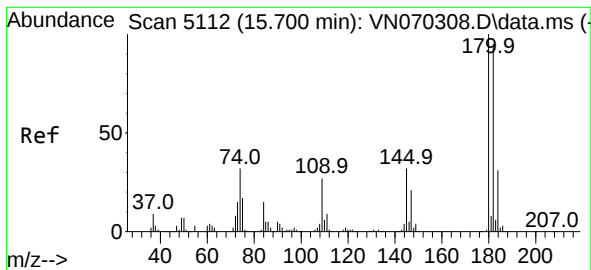


#95
Naphthalene
Concen: 1.929 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070525.D
Acq: 6 Jan 2022 17:43



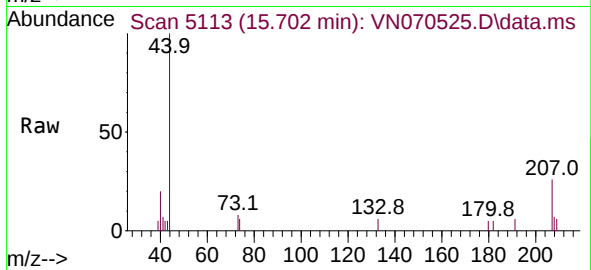
Tgt Ion: 128 Resp: 2910
Ion Ratio Lower Upper
128 100
127 7.2 10.5 15.7#
129 1.8 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.833 ug/l
 RT: 15.702 min Scan# 51
 Delta R.T. 0.002 min
 Lab File: VN070525.D
 Acq: 6 Jan 2022 17:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 54
 Ion Ratio Lower Upper
 180 100
 182 166.7 47.4 142.2#
 145 0.0 15.0 45.1#

