

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070007.D
 Acq On : 11 Dec 2021 14:45
 Operator : JC/MD
 Sample : M4873-08 10X
 Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 16:20:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1200554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2224690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2709006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1371797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	920302	49.648	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.300%
35) Dibromofluoromethane	8.021	113	684626	49.130	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.260%
50) Toluene-d8	10.443	98	3012998	53.848	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.731	95	1509036	74.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	148.880%#

Target Compounds				Qvalue		
5) Bromomethane	2.826	94	2422	0.276	ug/l #	59
11) Tert butyl alcohol	5.318	59	42634	12.168	ug/l #	71
13) Acrolein	3.977	56	29867	10.010	ug/l #	1
14) Allyl chloride	4.940	41	89816	3.485	ug/l #	73
15) Acrylonitrile	5.610	53	76128	8.063	ug/l #	40
16) Acetone	4.240	43	144702	12.977	ug/l #	54
18) Methyl Acetate	4.910	43	35502	1.055	ug/l #	52
19) Methyl tert-butyl Ether	5.621	73	25086	0.564	ug/l #	1
23) Vinyl Acetate	6.463	43	18631	0.455	ug/l #	72
25) 2-Butanone	7.319	43	41796	2.759	ug/l #	51
28) Bromochloromethane	7.842	49	5425	0.400	ug/l #	9
30) Chloroform	7.844	83	12032	0.457	ug/l #	1
31) Cyclohexane	8.072	56	915877	35.504	ug/l #	53
36) 1,1-Dichloropropene	8.086	75	105641	4.988	ug/l #	49
37) Ethyl Acetate	7.319	43	41796	1.326	ug/l #	74
38) Carbon Tetrachloride	8.083	117	122806	5.913	ug/l #	16
39) Methylcyclohexane	9.462	83	998493	39.637	ug/l #	79
40) Benzene	8.459	78	1141925	17.640	ug/l	99
41) Methacrylonitrile	7.670	41	26309	1.778	ug/l #	41
43) Isopropyl Acetate	8.555	43	168769	3.618	ug/l #	55
47) Bromodichloromethane	9.746	83	67759	3.139	ug/l #	28
48) Methyl methacrylate	9.593	41	153223	7.039	ug/l #	24
51) 4-Methyl-2-Pentanone	10.371	43	550163	18.181	ug/l #	76
52) Toluene	10.505	92	4546297	115.034	ug/l	98
53) t-1,3-Dichloropropene	10.505	75	60722	5.002	ug/l #	1
54) cis-1,3-Dichloropropene	9.982	75	1632	2.056	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	211988	13.294	ug/l #	39
56) Ethyl methacrylate	10.792	69	17889	2.847	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.019	63	12994	19.870	ug/l #	45
59) 2-Hexanone	11.055	43	229821	10.040	ug/l #	31
60) Dibromochloromethane	11.414	129	135	2.384	ug/l	97
67) Ethyl Benzene	11.846	91	5233423	52.424	ug/l	96
68) m/p-Xylenes	11.950	106	6312305	173.660	ug/l	94
69) o-Xylene	12.280	106	2219406	60.618	ug/l	90
70) Styrene	12.280	104	117640	2.026	ug/l #	1
71) Bromoform	12.412	173	270	2.746	ug/l #	29

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 Response via : Initial Calibration

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

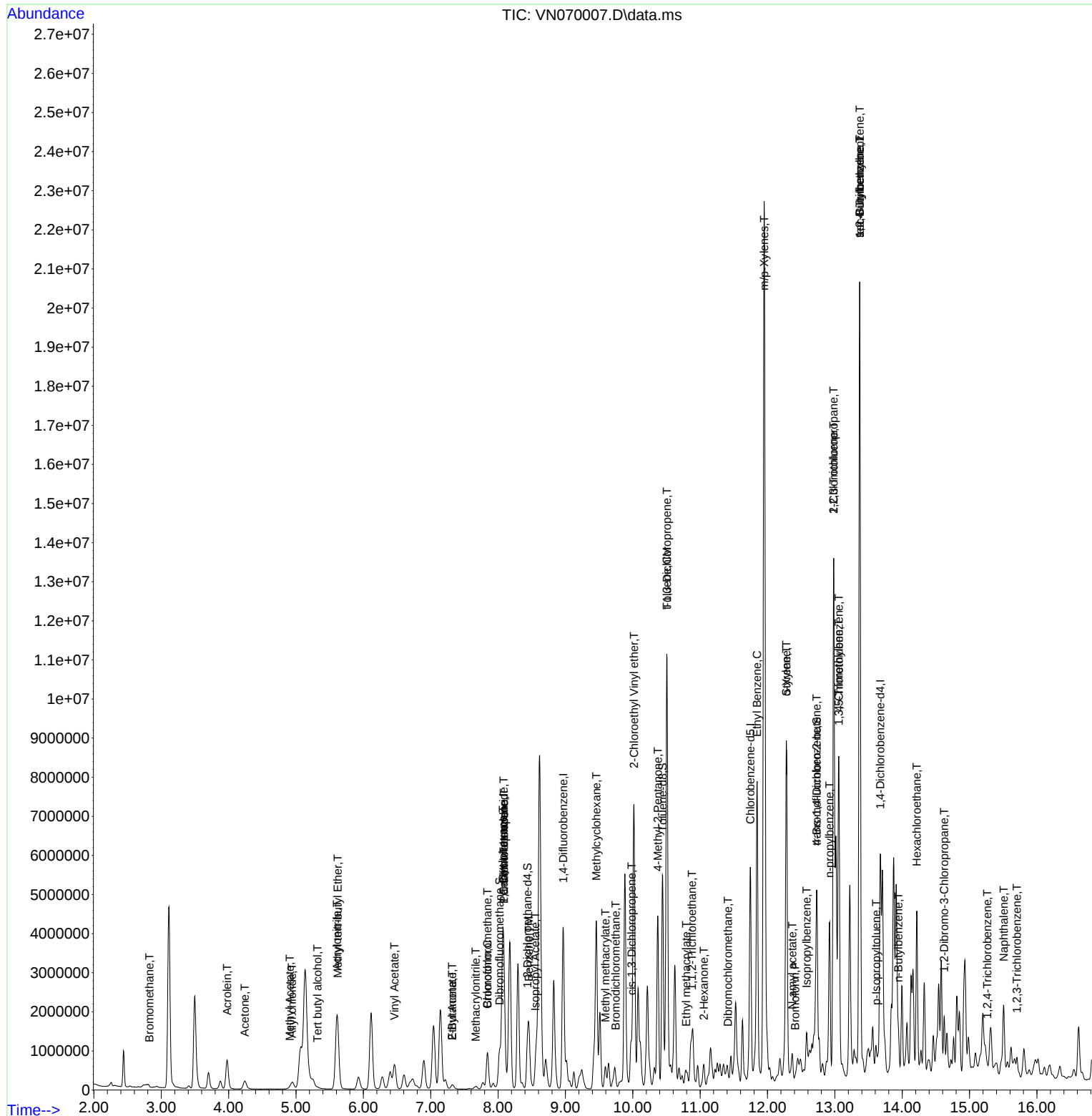
73) Isopropylbenzene	12.581	105	657731	5.389	ug/l	99
74) N-amyl acetate	12.366	43	159391	2.953	ug/l #	66
76) 1,2,3-Trichloropropane	12.983	75	80241	2.040	ug/l #	1
78) n-propylbenzene	12.921	91	3033626	22.336	ug/l	96
79) 2-Chlorotoluene	12.983	91	999166	11.643	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.061	105	3478153	35.406	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.731	75	835115	67.895	ug/l #	5
82) 4-Chlorotoluene	13.058	91	400935	4.968	ug/l #	39
83) tert-Butylbenzene	13.369	119	1388769	15.965	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.369	105	11326875	121.069	ug/l	98
85) sec-Butylbenzene	13.369	105	11326875	96.000	ug/l #	56
86) p-Isopropyltoluene	13.616	119	182201	1.976	ug/l	96
89) n-Butylbenzene	13.943	91	529064	7.072	ug/l #	69
90) Hexachloroethane	14.217	117	199236	12.304	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	4866	0.638	ug/l #	60
93) 1,2,4-Trichlorobenzene	15.263	180	4021	3.046	ug/l #	75
95) Naphthalene	15.507	128	1439515	23.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	4876	2.647	ug/l #	1

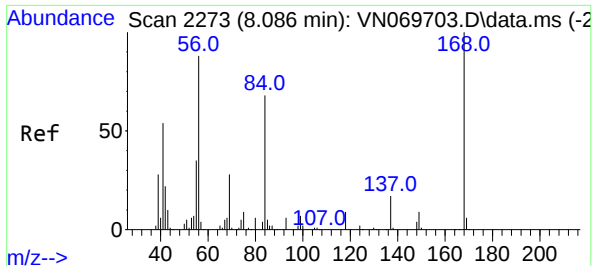
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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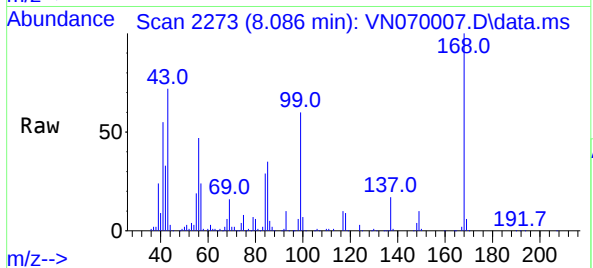
Quant Time: Dec 12 16:20:32 2021
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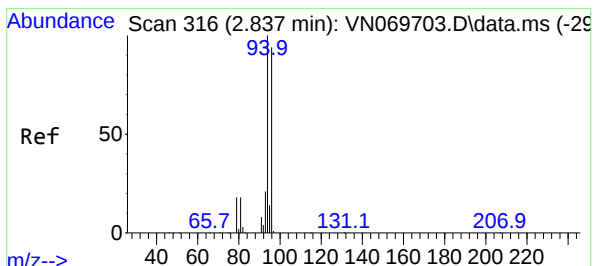
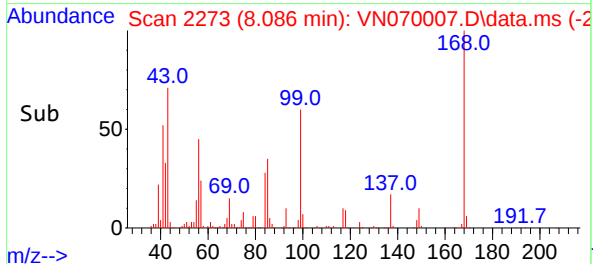
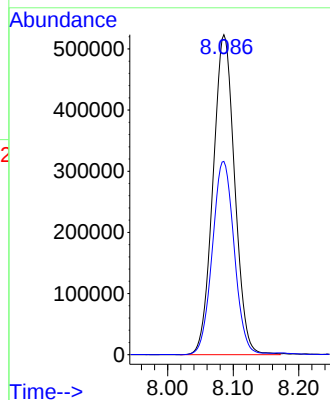


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

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ClientSampleId :

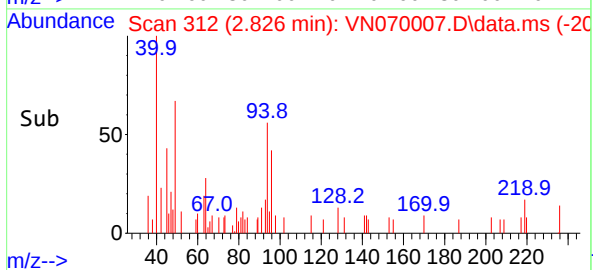
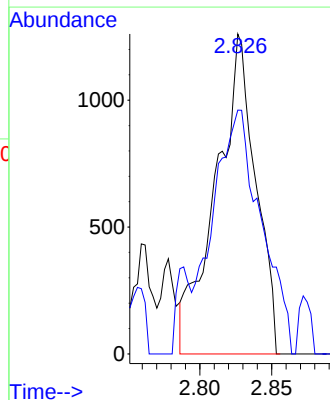
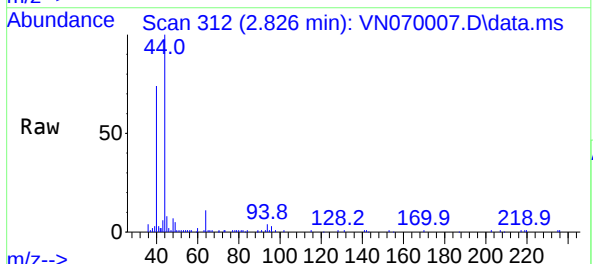


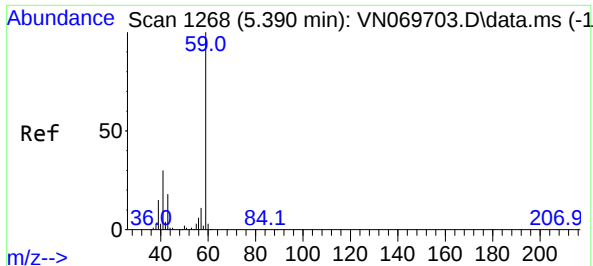
Tgt Ion:168 Resp: 1200554
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#5
Bromomethane
Concen: 0.276 ug/l
RT: 2.826 min Scan# 312
Delta R.T. -0.011 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

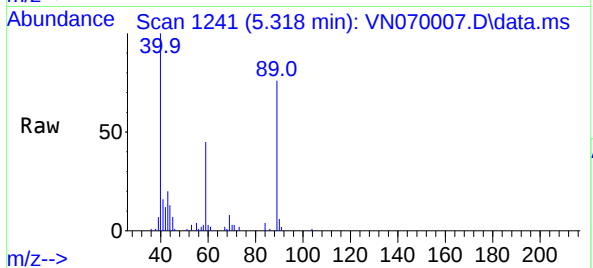
Tgt Ion: 94 Resp: 2422
Ion Ratio Lower Upper
94 100
96 53.4 73.8 110.8#



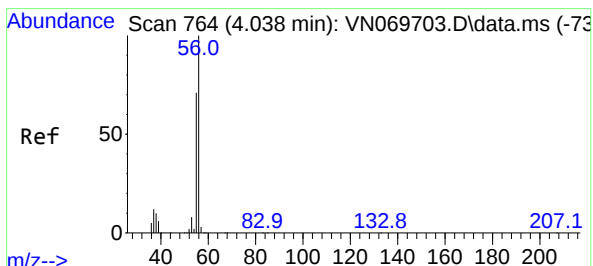
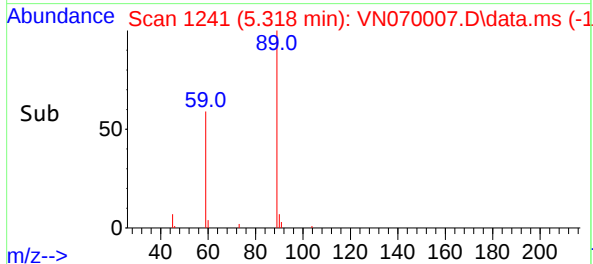
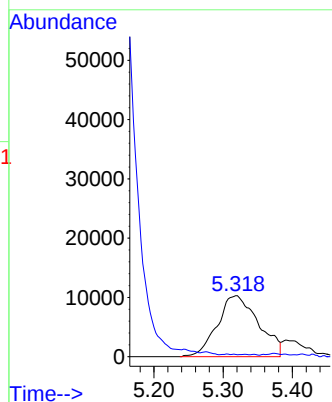


#11
Tert butyl alcohol
Concen: 12.168 ug/l
RT: 5.318 min Scan# 11
Delta R.T. -0.072 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

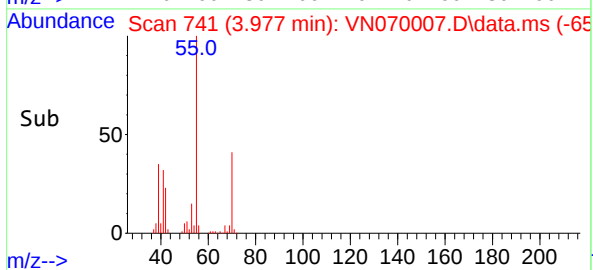
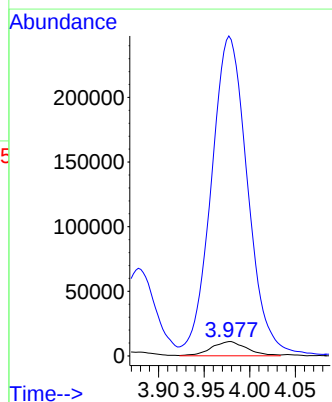
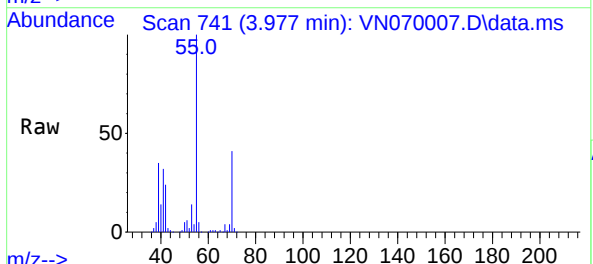


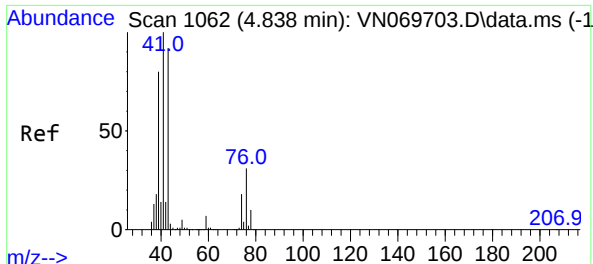
Tgt Ion: 59 Resp: 42634
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 10.010 ug/l
RT: 3.977 min Scan# 741
Delta R.T. -0.061 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

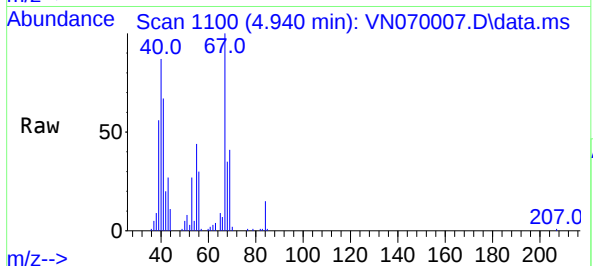
Tgt Ion: 56 Resp: 29867
Ion Ratio Lower Upper
56 100
55 2277.1 56.6 85.0#



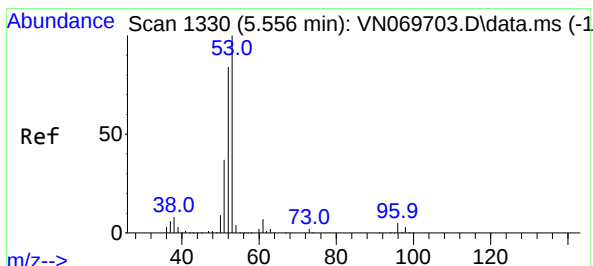
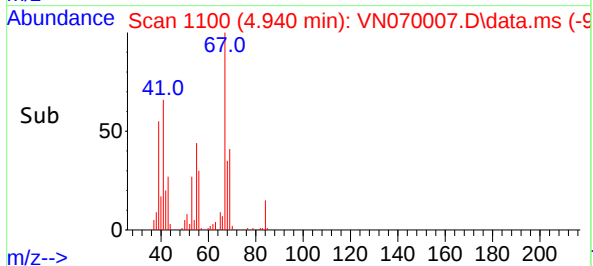
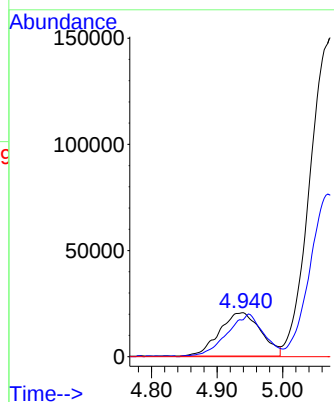


#14
 Allyl chloride
 Concen: 3.485 ug/l
 RT: 4.940 min Scan# 1100
 Delta R.T. 0.102 min
 Lab File: VN070007.D
 Acq: 11 Dec 2021 14:45

Instrument :
 MSVOA_N
 ClientSampleId :

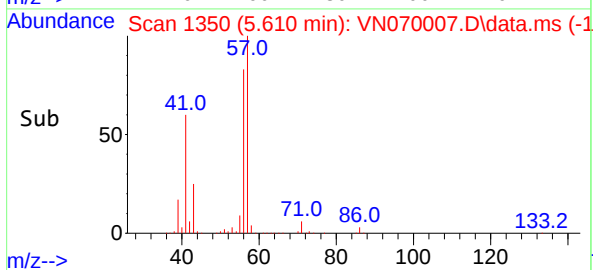
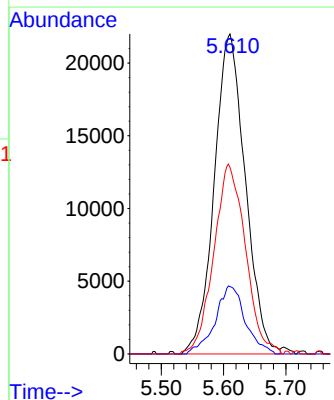
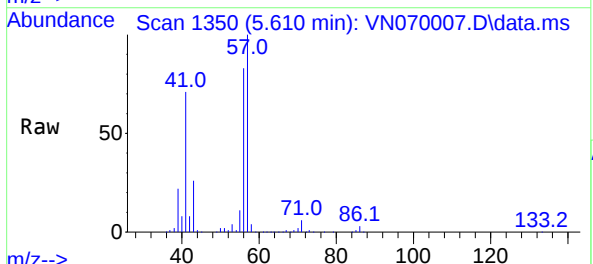


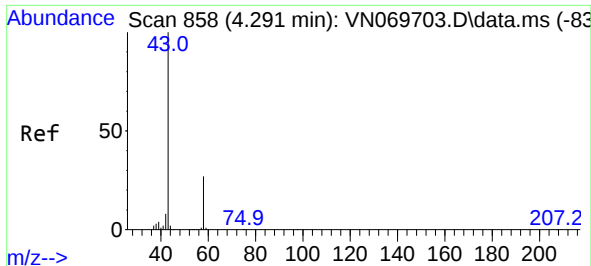
Tgt Ion: 41 Resp: 89816
 Ion Ratio Lower Upper
 41 100
 39 88.2 61.2 91.8
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 8.063 ug/l
 RT: 5.610 min Scan# 1350
 Delta R.T. 0.054 min
 Lab File: VN070007.D
 Acq: 11 Dec 2021 14:45

Tgt Ion: 53 Resp: 76128
 Ion Ratio Lower Upper
 53 100
 52 20.6 66.2 99.2#
 51 60.5 29.6 44.4#

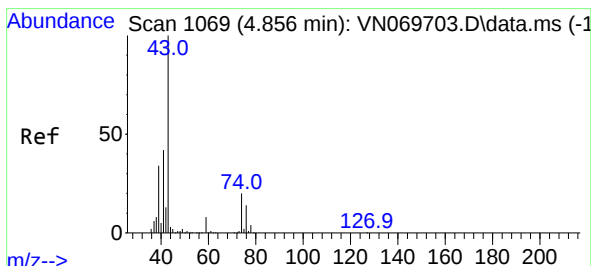
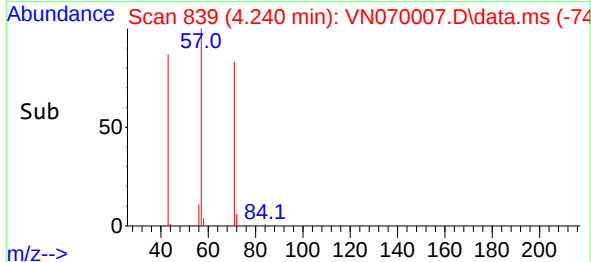
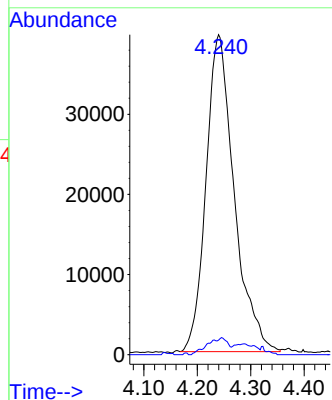
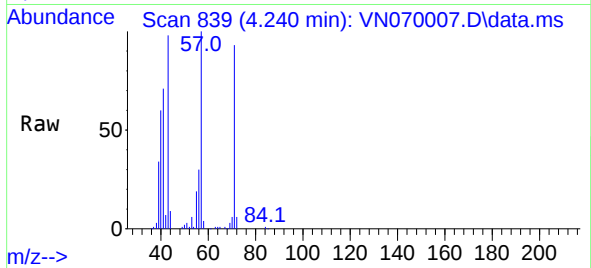




#16
Acetone
Concen: 12.977 ug/l
RT: 4.240 min Scan# 81
Delta R.T. -0.051 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

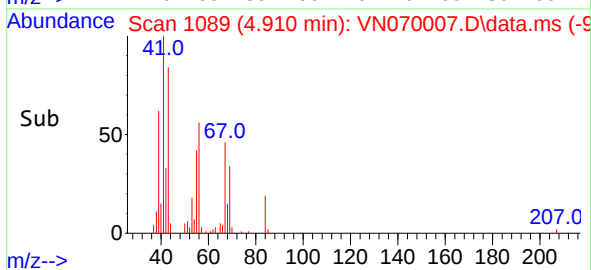
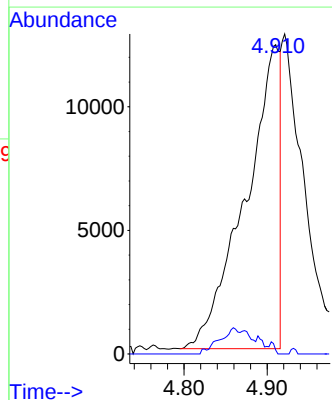
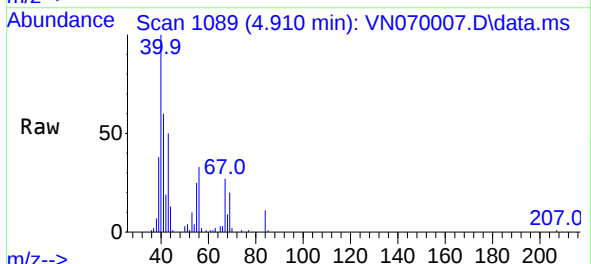
Instrument :
MSVOA_N
ClientSampleId :

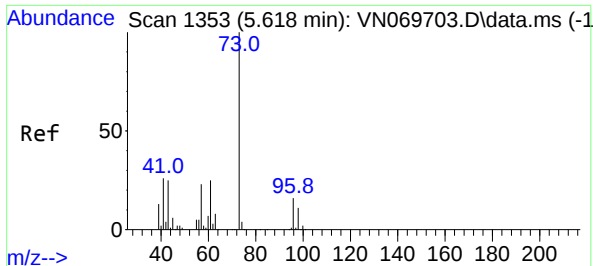
Tgt Ion: 43 Resp: 144702
Ion Ratio Lower Upper
43 100
58 4.6 23.1 34.7#



#18
Methyl Acetate
Concen: 1.055 ug/l
RT: 4.910 min Scan# 1089
Delta R.T. 0.054 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 43 Resp: 35502
Ion Ratio Lower Upper
43 100
74 0.5 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 0.564 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN070007.D

Acq: 11 Dec 2021 14:45

Instrument :

MSVOA_N

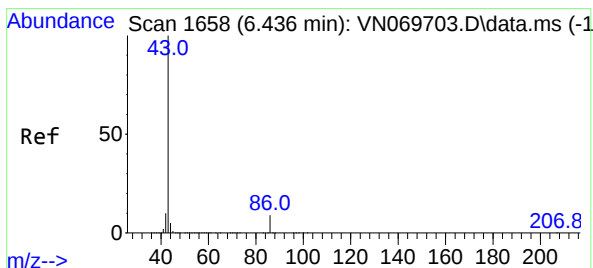
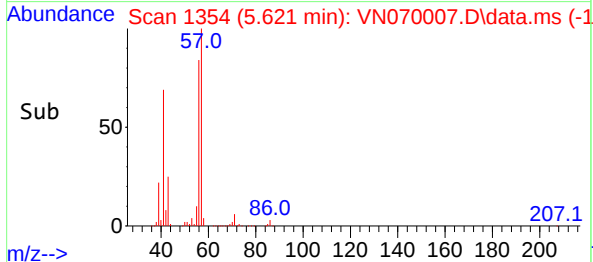
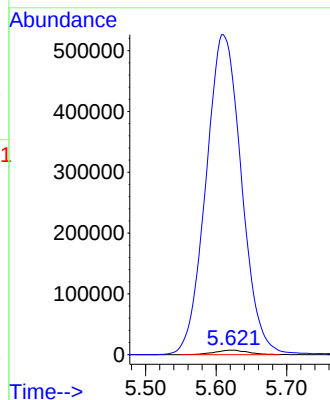
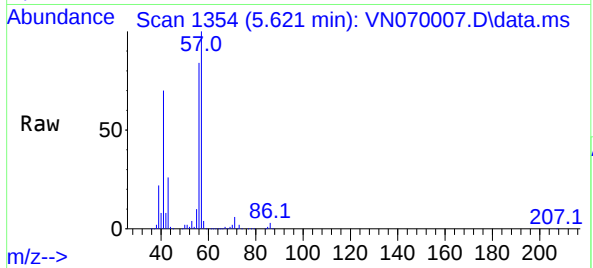
ClientSampleId :

Tgt Ion: 73 Resp: 25086

Ion Ratio Lower Upper

73 100

57 6278.4 16.8 25.2#



#23

Vinyl Acetate

Concen: 0.455 ug/l

RT: 6.463 min Scan# 1668

Delta R.T. 0.027 min

Lab File: VN070007.D

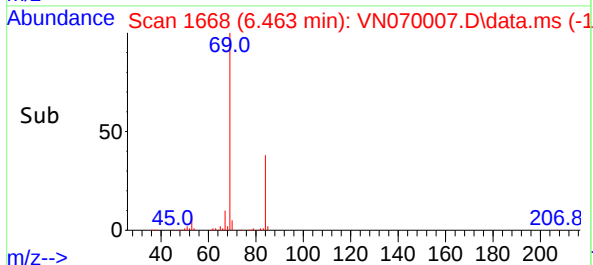
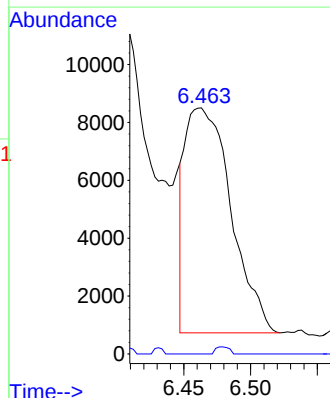
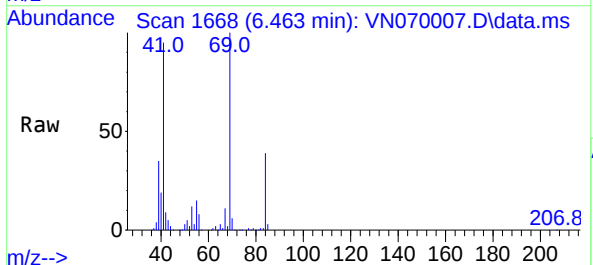
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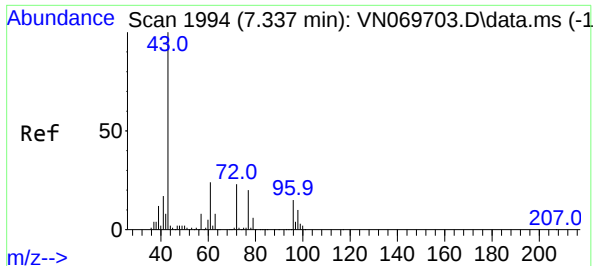
Tgt Ion: 43 Resp: 18631

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#

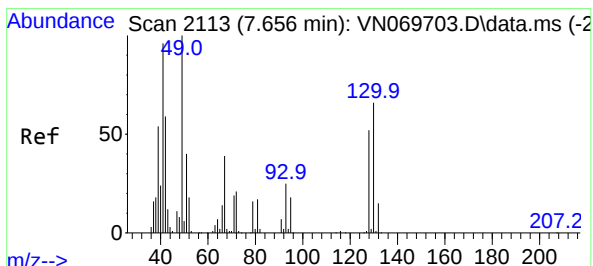
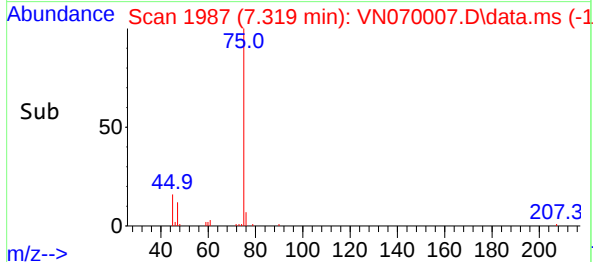
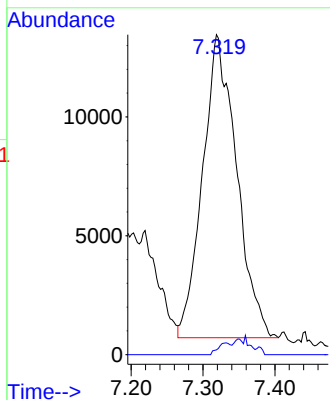
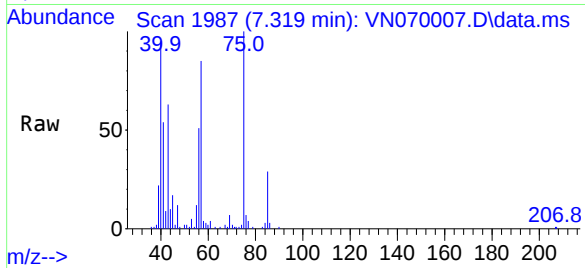




#25
2-Butanone
Concen: 2.759 ug/l
RT: 7.319 min Scan# 1994
Delta R.T. -0.019 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

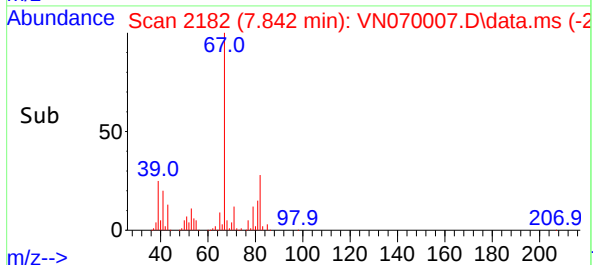
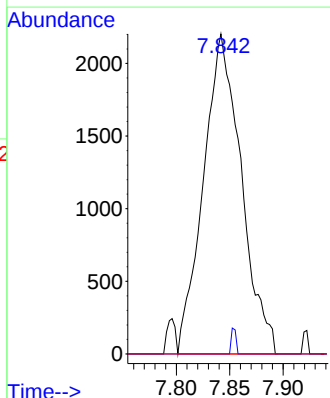
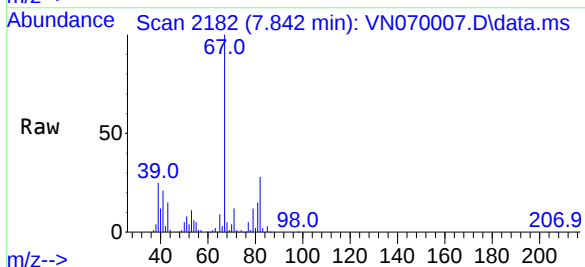
Instrument :
MSVOA_N
ClientSampleId :

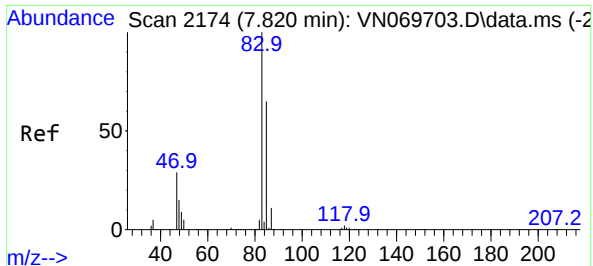
Tgt Ion: 43 Resp: 41796
Ion Ratio Lower Upper
43 100
72 1.6 21.7 32.5#



#28
Bromochloromethane
Concen: 0.400 ug/l
RT: 7.842 min Scan# 2182
Delta R.T. 0.185 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 49 Resp: 5425
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.0
130 0.0 67.8 101.8#

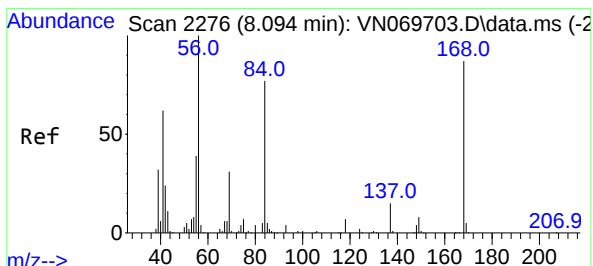
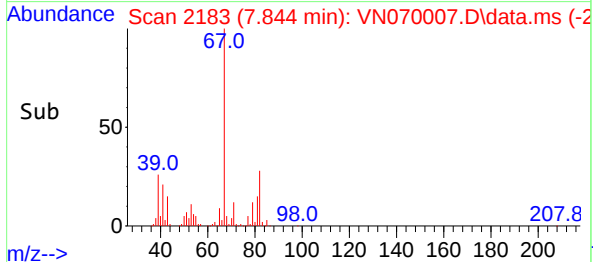
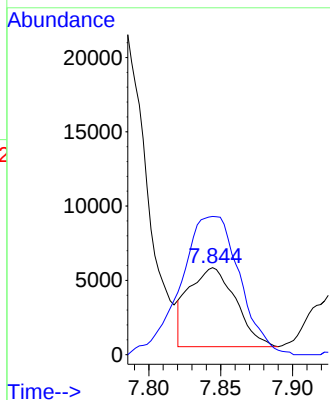
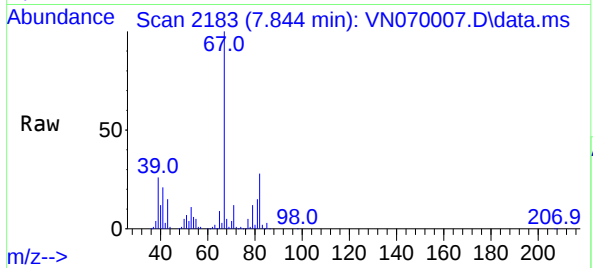




#30
Chloroform
Concen: 0.457 ug/l
RT: 7.844 min Scan# 2174
Delta R.T. 0.024 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

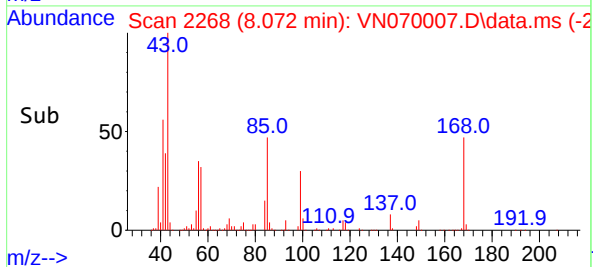
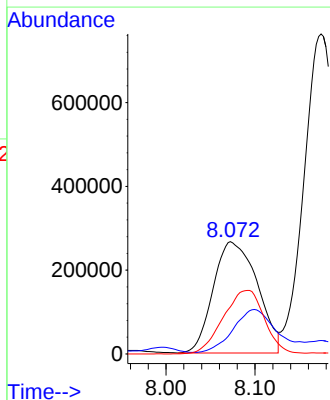
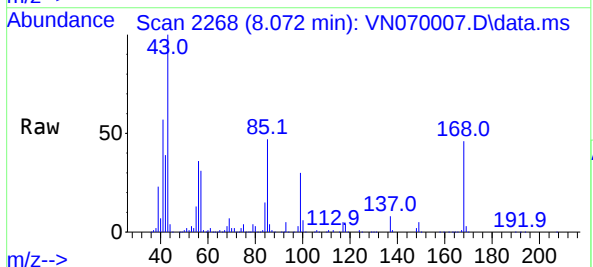
Instrument :
MSVOA_N
ClientSampleId :

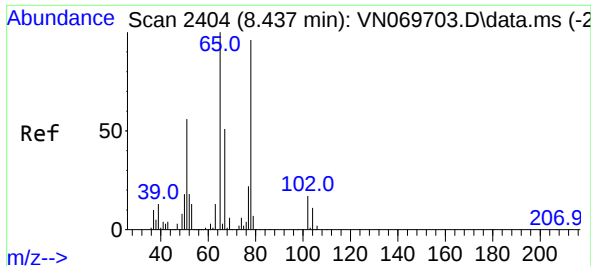
Tgt Ion: 83 Resp: 12032
Ion Ratio Lower Upper
83 100
85 169.2 51.9 77.9#



#31
Cyclohexane
Concen: 35.504 ug/l
RT: 8.072 min Scan# 2268
Delta R.T. -0.021 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 56 Resp: 915877
Ion Ratio Lower Upper
56 100
69 15.2 27.1 40.7#
84 42.2 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 49.648 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070007.D

Acq: 11 Dec 2021 14:45

Instrument :

MSVOA_N

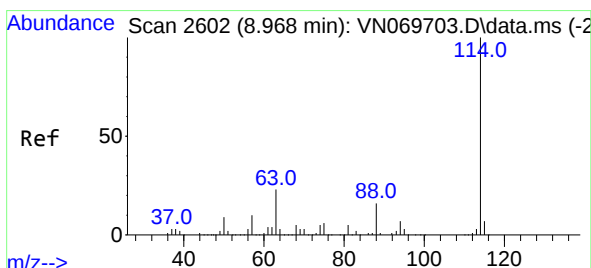
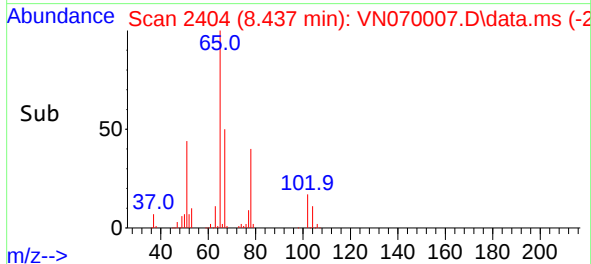
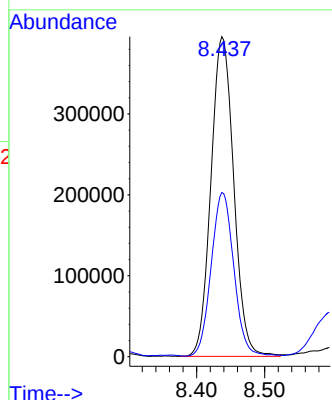
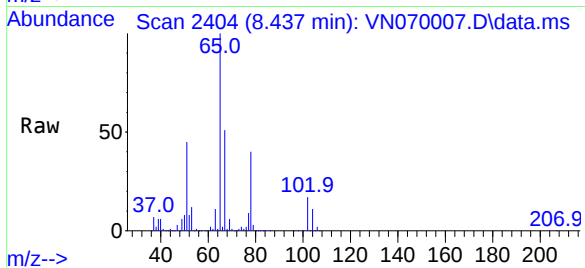
ClientSampleId :

Tgt Ion: 65 Resp: 920302

Ion Ratio Lower Upper

65 100

67 50.8 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: VN070007.D

Acq: 11 Dec 2021 14:45

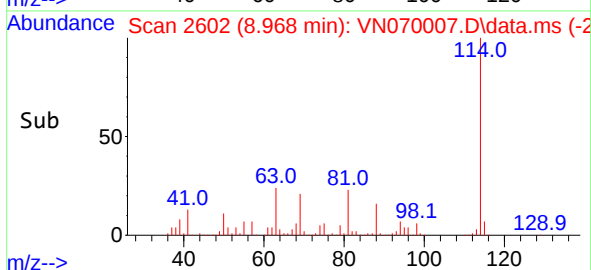
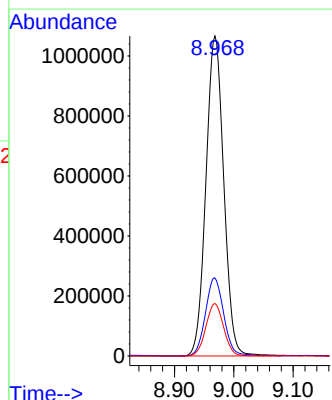
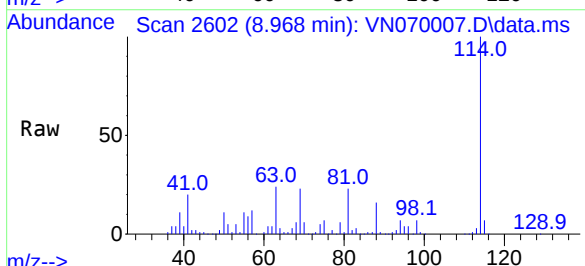
Tgt Ion: 114 Resp: 2224690

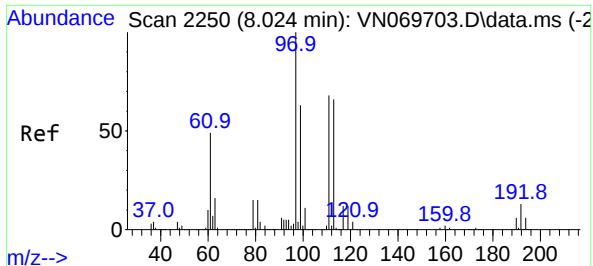
Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.8

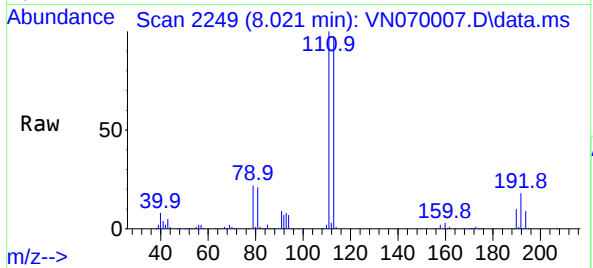
88 16.4 0.0 27.4



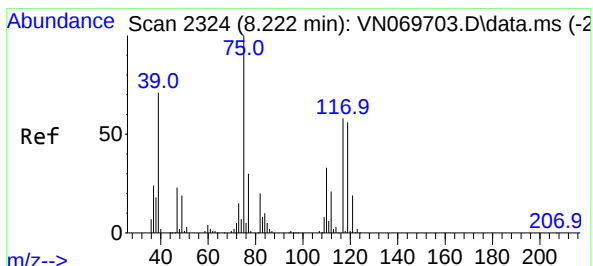
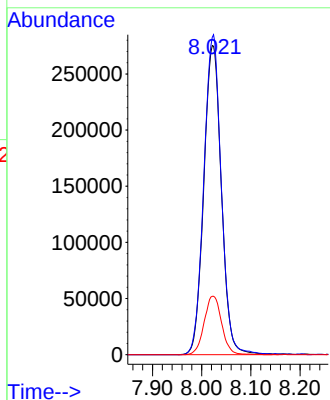
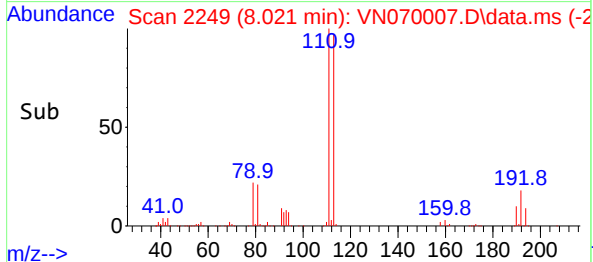


#35
Dibromofluoromethane
Concen: 49.130 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

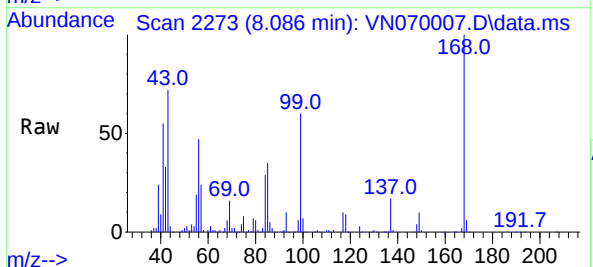
Instrument :
MSVOA_N
ClientSampleId :



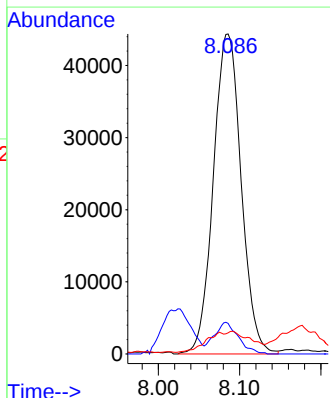
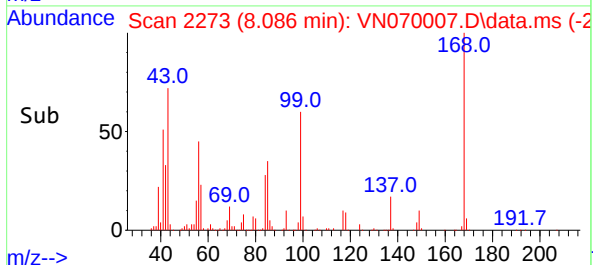
Tgt Ion:113 Resp: 684626
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.7 16.9 25.3

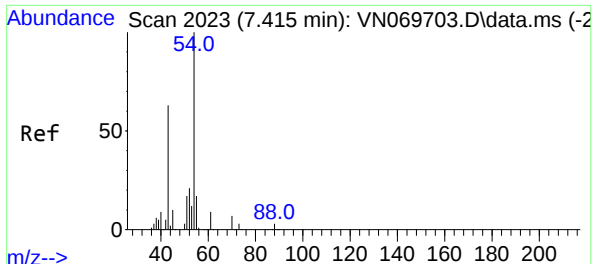


#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45



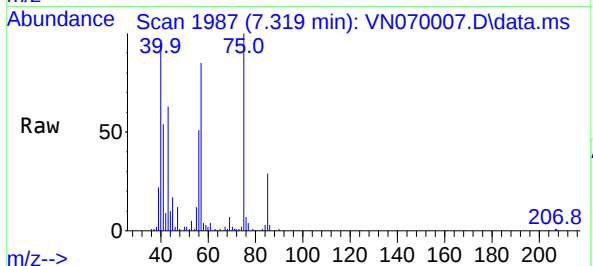
Tgt Ion: 75 Resp: 105641
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#



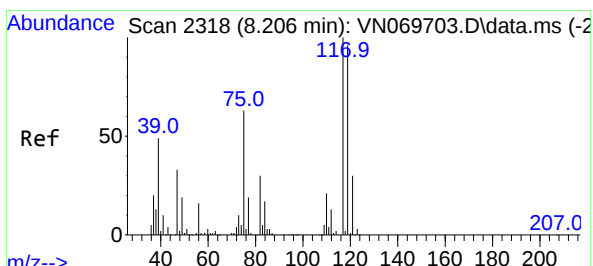
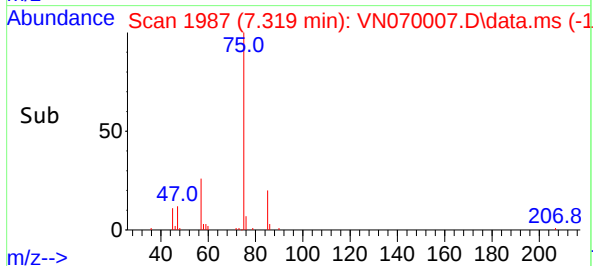
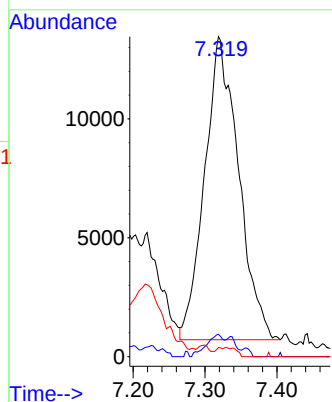


#37
Ethyl Acetate
Concen: 1.326 ug/l
RT: 7.319 min Scan# 1987
Delta R.T. -0.096 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

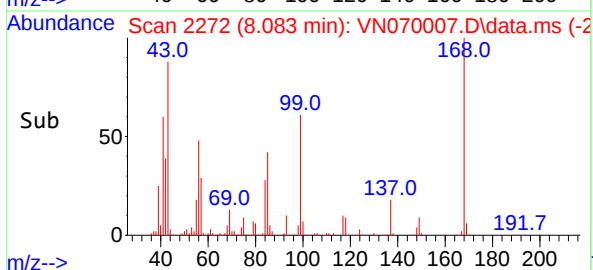
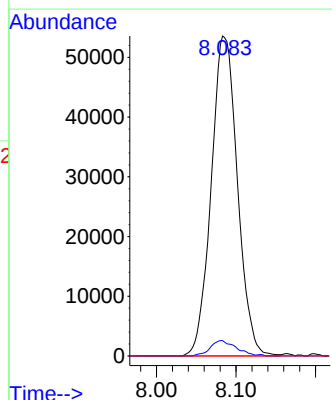
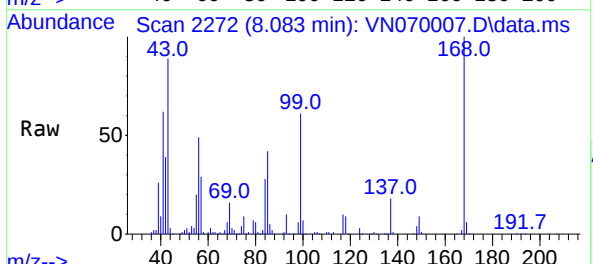


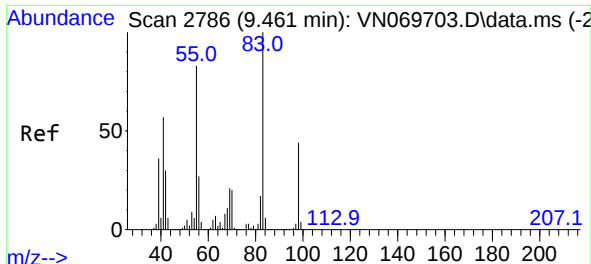
Tgt Ion: 43 Resp: 41796
Ion Ratio Lower Upper
43 100
61 3.7 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.913 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 117 Resp: 122806
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 39.637 ug/l

RT: 9.462 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070007.D

Acq: 11 Dec 2021 14:45

Instrument :

MSVOA_N

ClientSampleId :

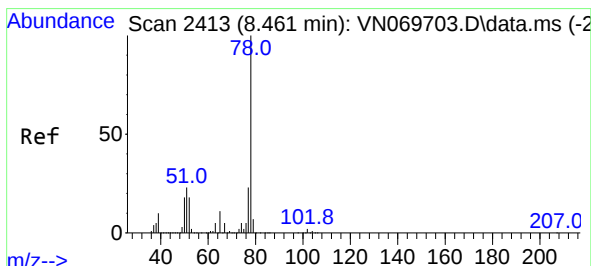
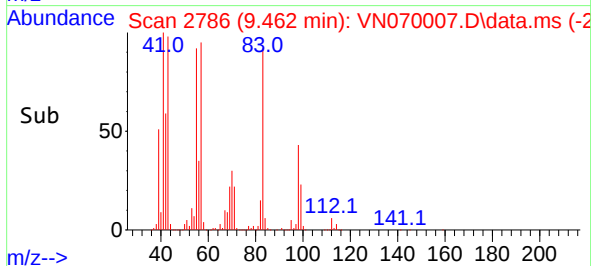
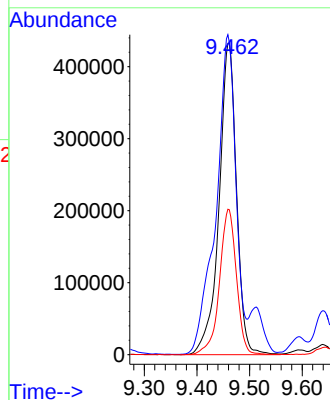
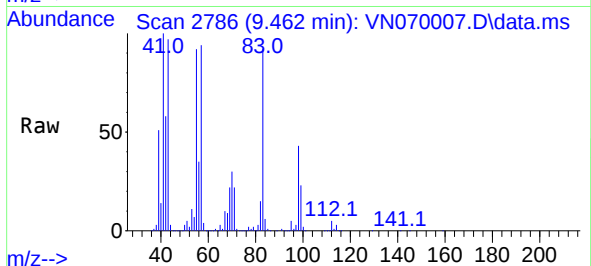
Tgt Ion: 83 Resp: 998493

Ion Ratio Lower Upper

83 100

55 100.2 58.1 87.1#

98 46.6 38.4 57.6



#40

Benzene

Concen: 17.640 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN070007.D

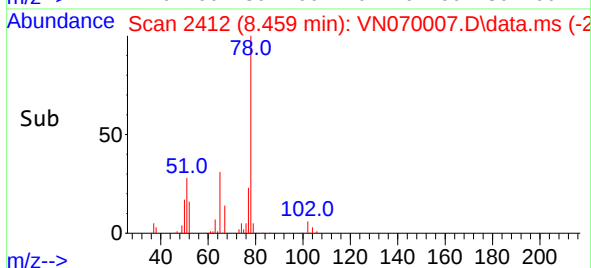
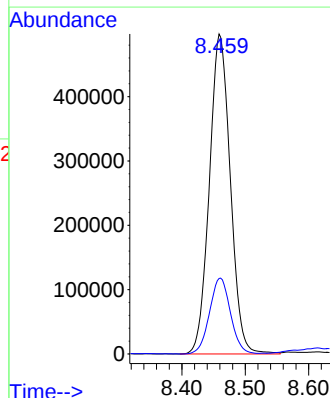
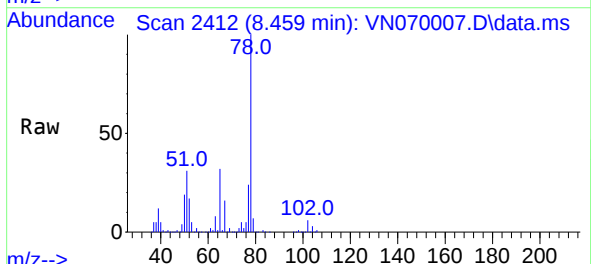
Acq: 11 Dec 2021 14:45

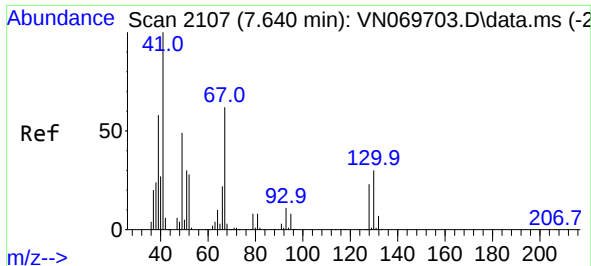
Tgt Ion: 78 Resp: 1141925

Ion Ratio Lower Upper

78 100

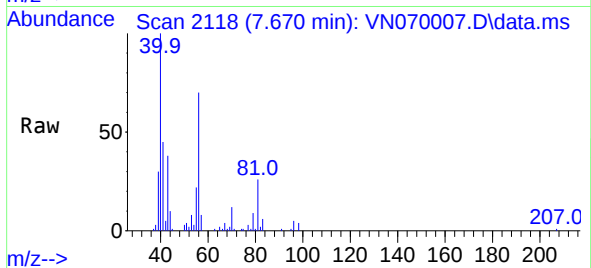
77 23.6 18.6 27.8





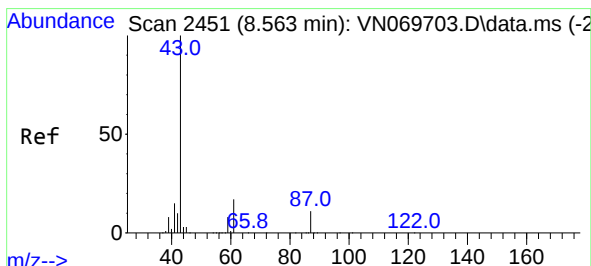
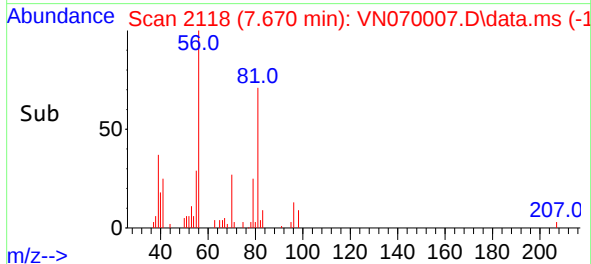
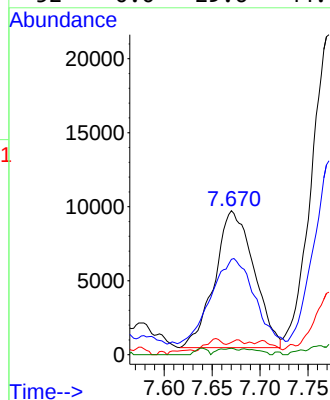
#41
Methacrylonitrile
Concen: 1.778 ug/l
RT: 7.670 min Scan# 2107
Delta R.T. 0.030 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 41 Resp: 26309

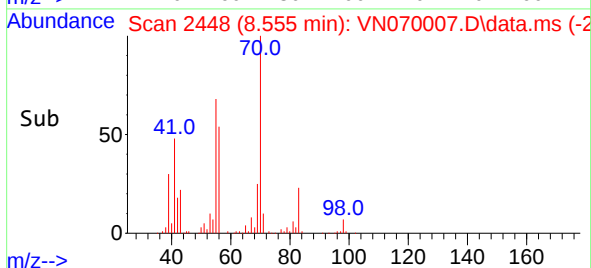
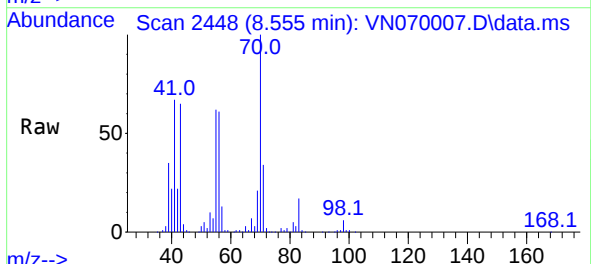
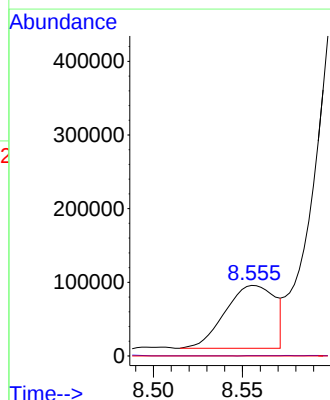
Ion	Ratio	Lower	Upper
41	100		
39	65.9	48.1	72.1
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#

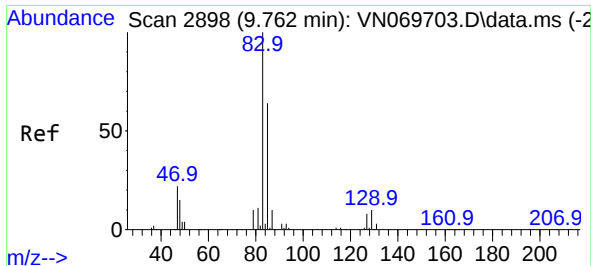


#43
Isopropyl Acetate
Concen: 3.618 ug/l
RT: 8.555 min Scan# 2448
Delta R.T. -0.008 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 43 Resp: 168769

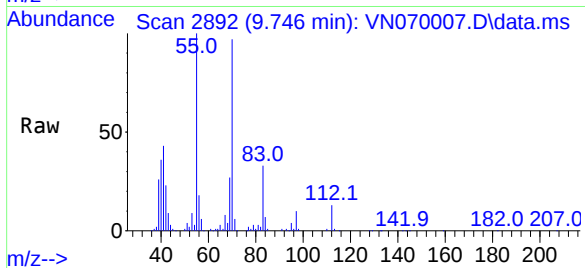
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#



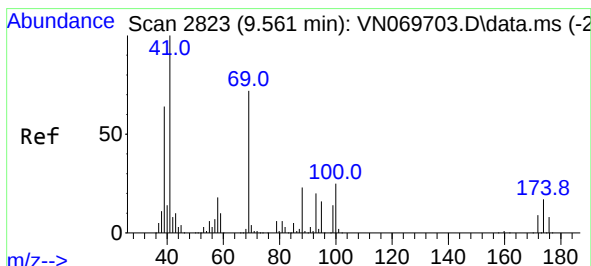
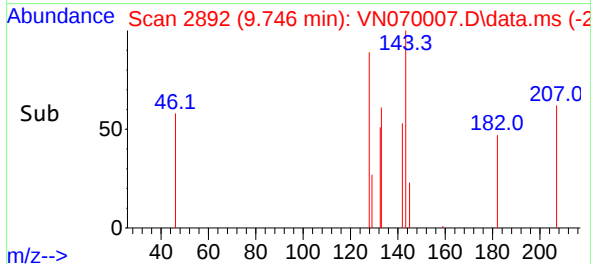
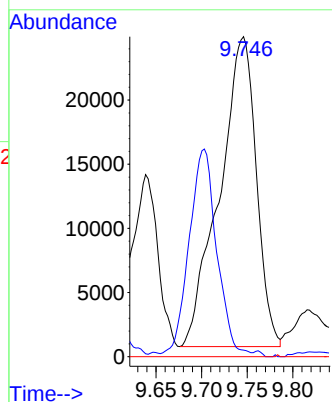


#47
Bromodichloromethane
Concen: 3.139 ug/l
RT: 9.746 min Scan# 2898
Delta R.T. -0.016 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

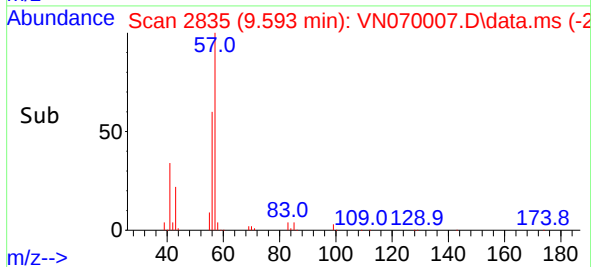
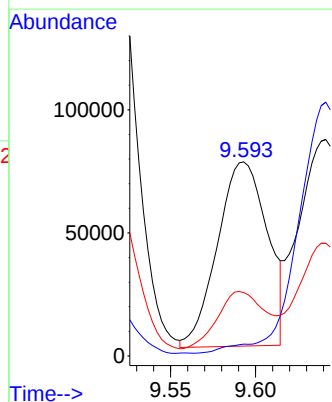
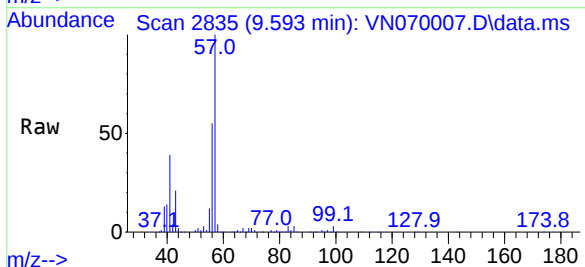


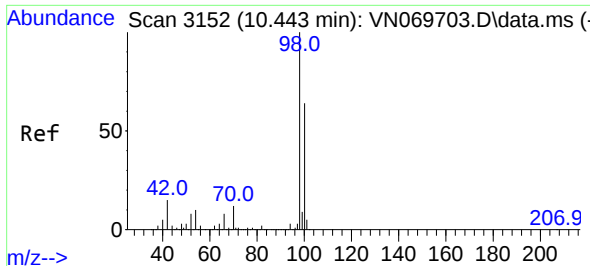
Tgt Ion: 83 Resp: 67759
Ion Ratio Lower Upper
83 100
85 2.1 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 7.039 ug/l
RT: 9.593 min Scan# 2835
Delta R.T. 0.032 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 41 Resp: 153223
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 29.4 58.4 87.6#

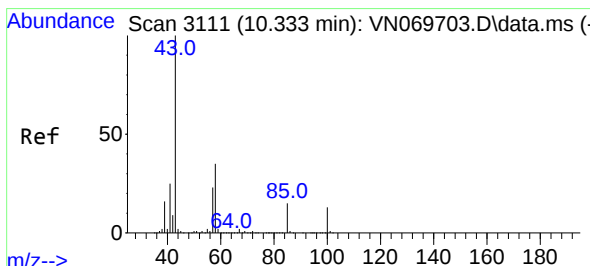
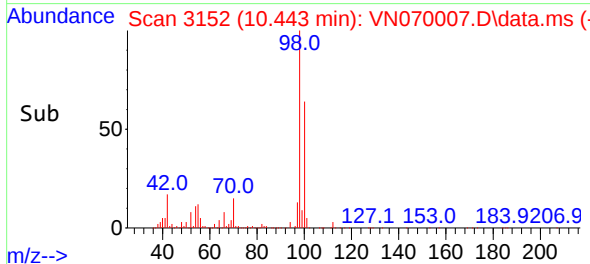
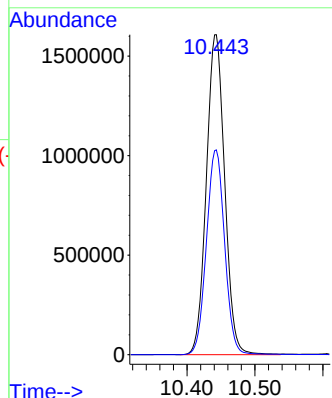
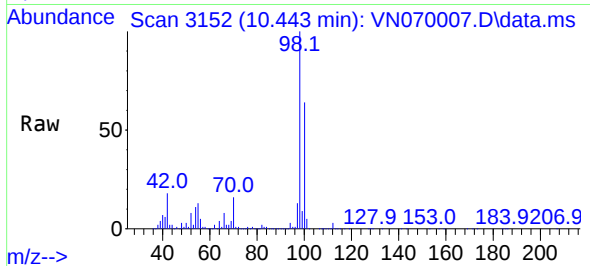




#50
Toluene-d8
Concen: 53.848 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

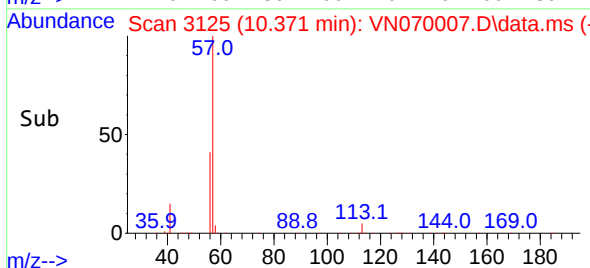
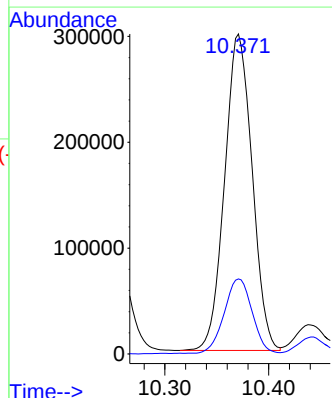
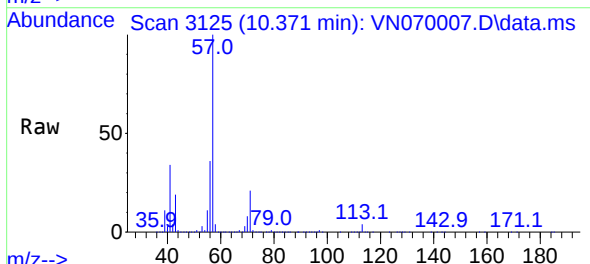
Instrument :
MSVOA_N
ClientSampleId :

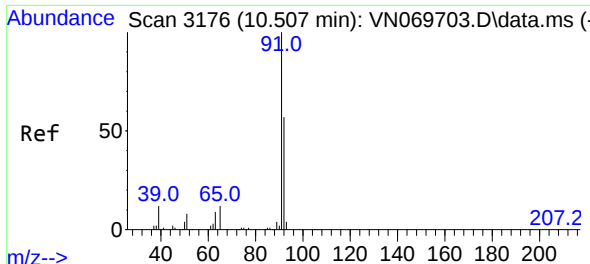
Tgt Ion: 98 Resp: 3012998
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 18.181 ug/l
RT: 10.371 min Scan# 3125
Delta R.T. 0.038 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 43 Resp: 550163
Ion Ratio Lower Upper
43 100
58 23.8 30.4 45.6#

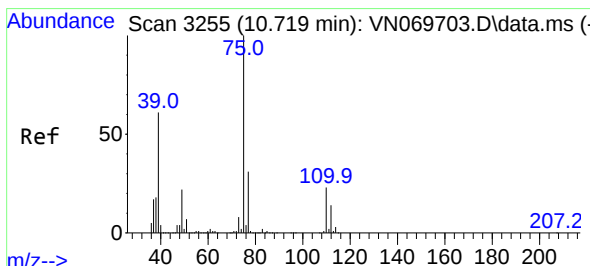
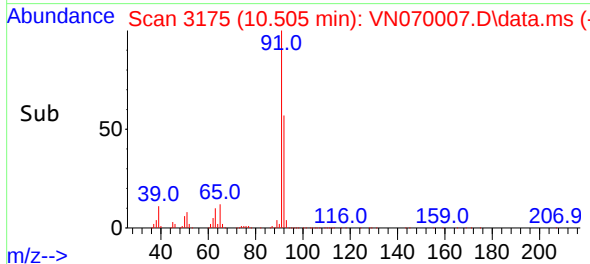
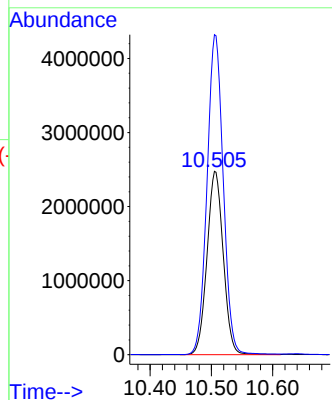
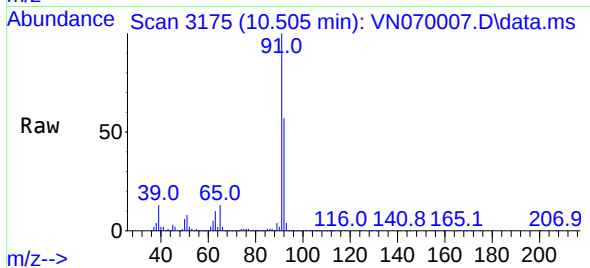




#52
Toluene
Concen: 115.034 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

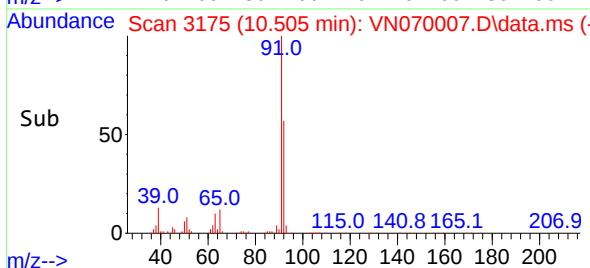
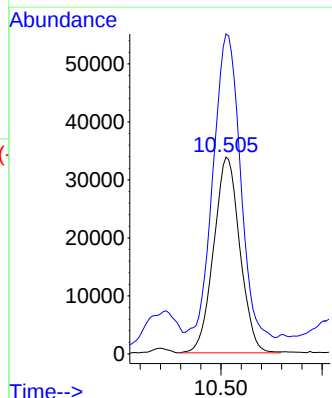
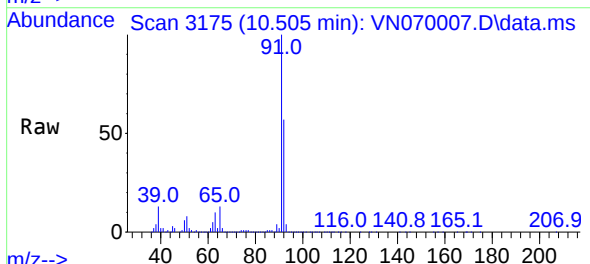
Instrument :
MSVOA_N
ClientSampleId :

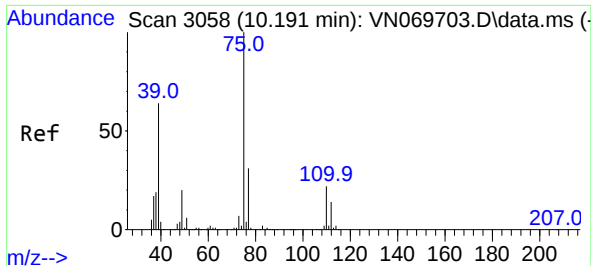
Tgt Ion: 92 Resp: 4546297
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 5.002 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.214 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

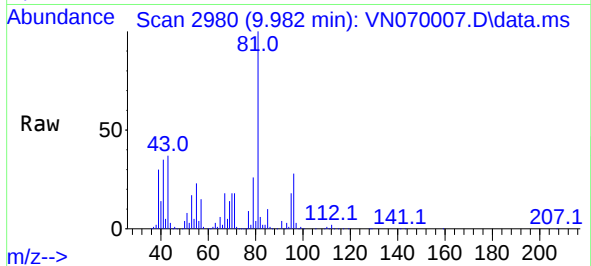
Tgt Ion: 75 Resp: 60722
Ion Ratio Lower Upper
75 100
77 153.9 25.6 38.4#



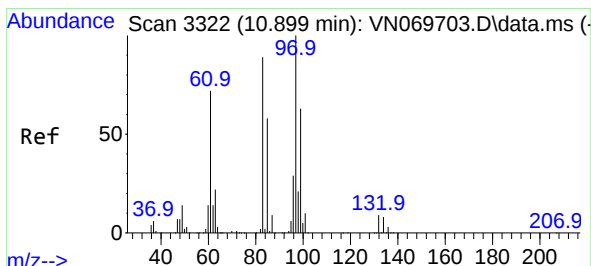
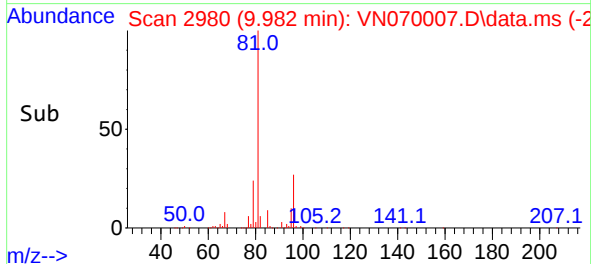
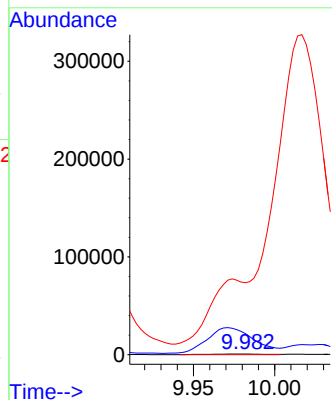


#54
cis-1,3-Dichloropropene
Concen: 2.056 ug/l
RT: 9.982 min Scan# 2980
Delta R.T. -0.209 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

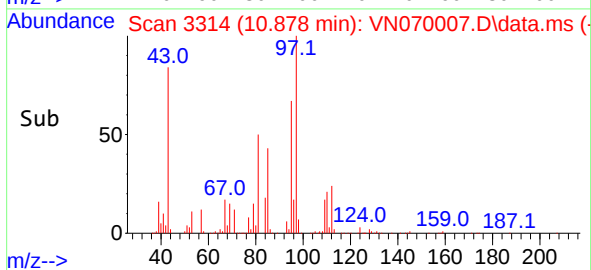
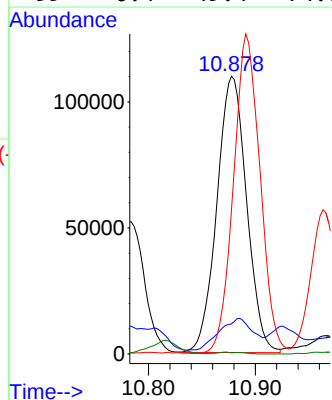
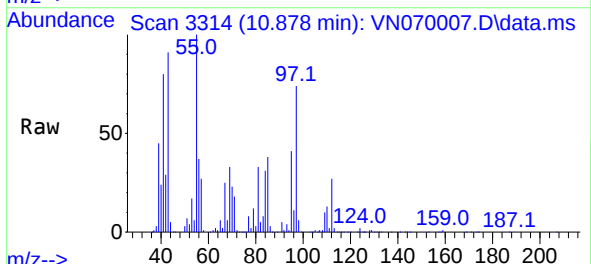


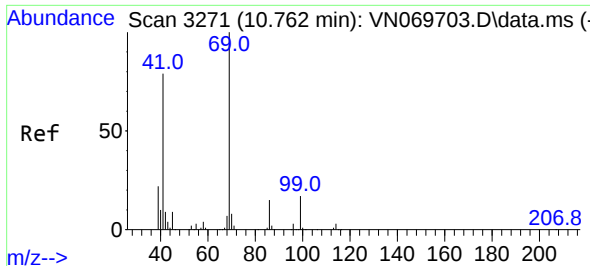
Tgt Ion: 75 Resp: 1632
Ion Ratio Lower Upper
75 100
77 2962.7 26.4 39.6#
39 9310.8 42.5 63.7#



#55
1,1,2-Trichloroethane
Concen: 13.294 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

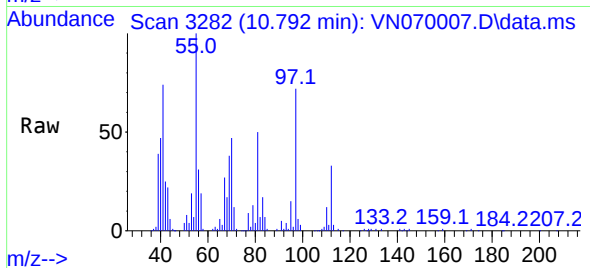
Tgt Ion: 97 Resp: 211988
Ion Ratio Lower Upper
97 100
83 9.0 67.8 101.6#
85 51.4 45.4 68.2
99 0.4 49.4 74.0#



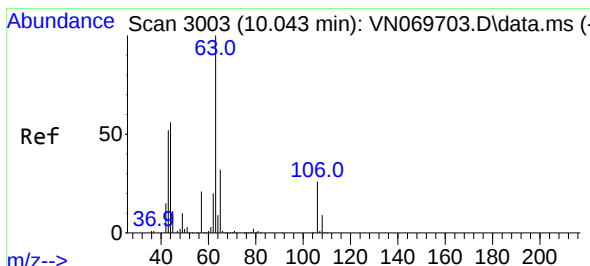
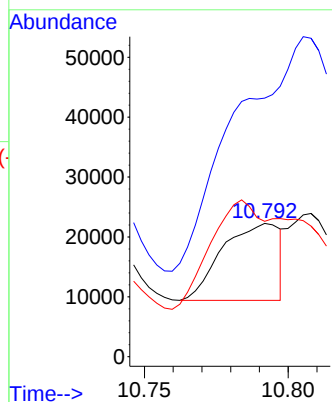
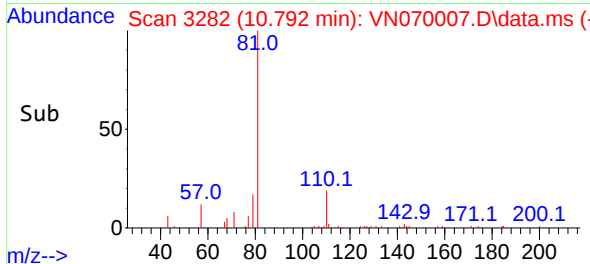


#56
Ethyl methacrylate
Concen: 2.847 ug/l
RT: 10.792 min Scan# 31
Delta R.T. 0.030 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

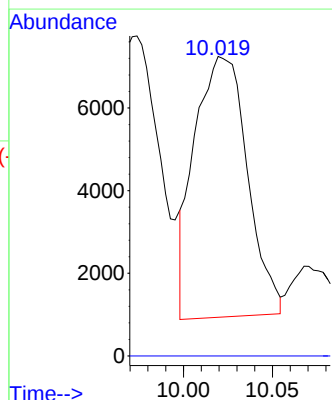
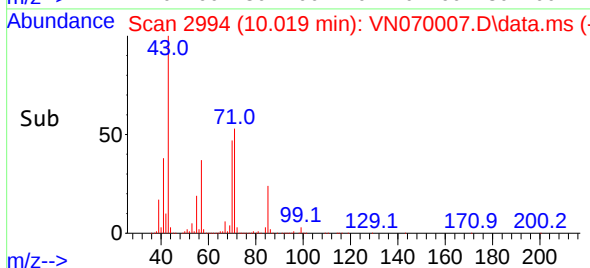
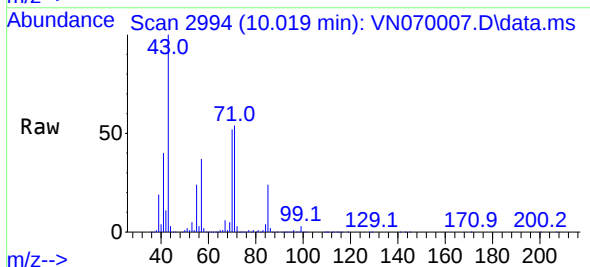


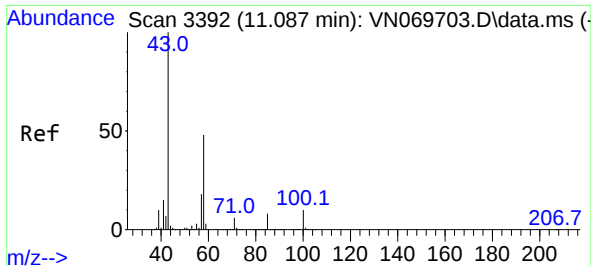
Tgt Ion: 69 Resp: 17889
Ion Ratio Lower Upper
69 100
41 579.7 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.870 ug/l
RT: 10.019 min Scan# 2994
Delta R.T. -0.024 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 63 Resp: 12994
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

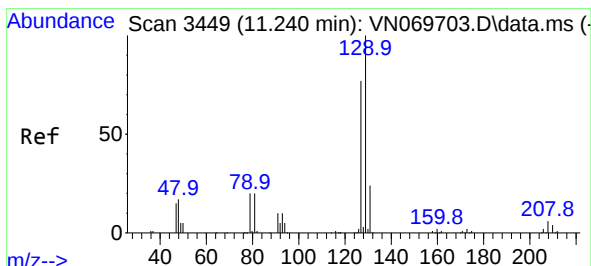
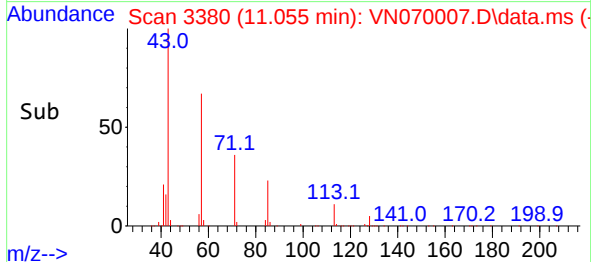
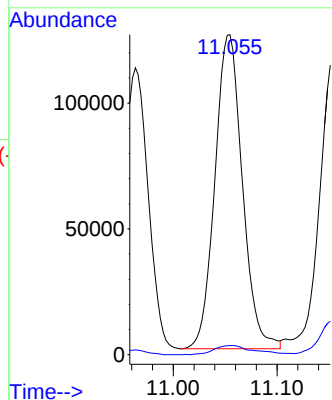
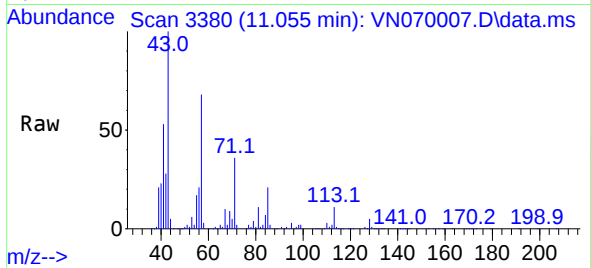




#59
2-Hexanone
Concen: 10.040 ug/l
RT: 11.055 min Scan# 31
Delta R.T. -0.032 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

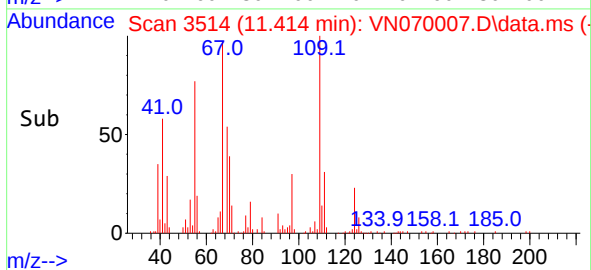
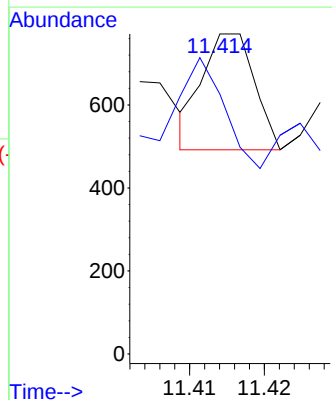
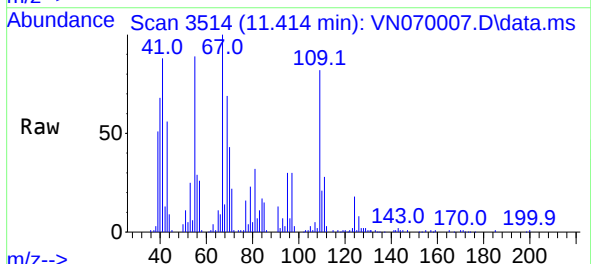
Instrument :
MSVOA_N
ClientSampleId :

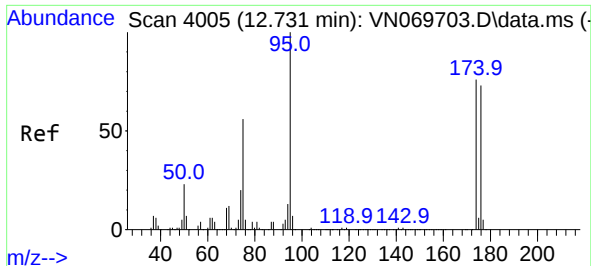
Tgt Ion: 43 Resp: 229821
Ion Ratio Lower Upper
43 100
58 4.3 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.384 ug/l
RT: 11.414 min Scan# 3514
Delta R.T. 0.174 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion:129 Resp: 135
Ion Ratio Lower Upper
129 100
127 80.0 38.6 116.0

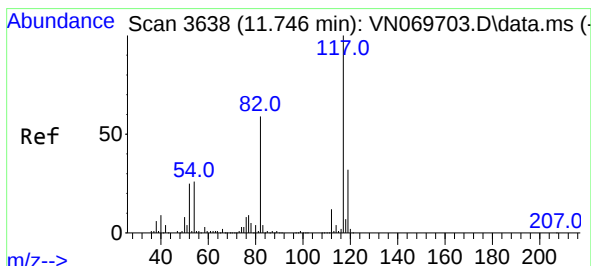
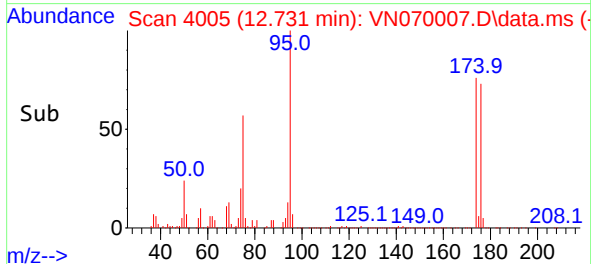
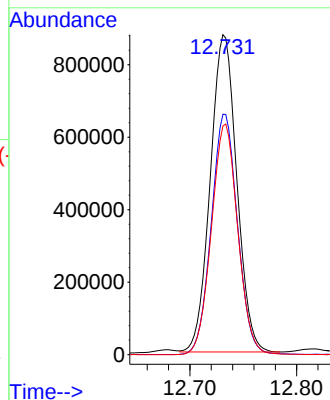
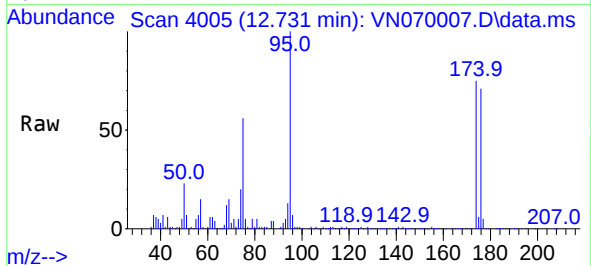




#62
4-Bromofluorobenzene
Concen: 74.444 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

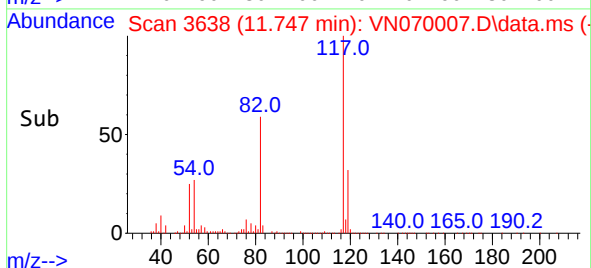
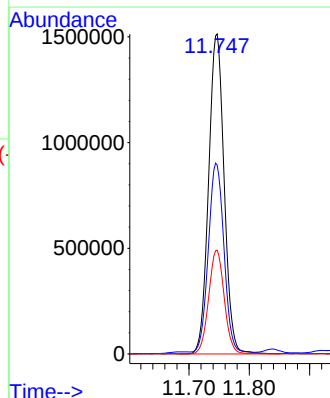
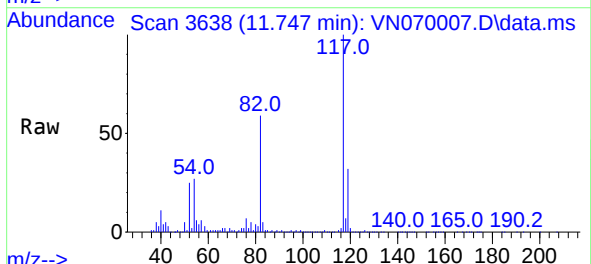
Instrument :
MSVOA_N
ClientSampleId :

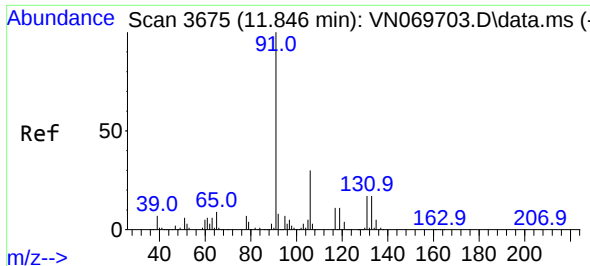
Tgt Ion: 95 Resp: 1509036
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 117 Resp: 2709006
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.4 25.4 38.2

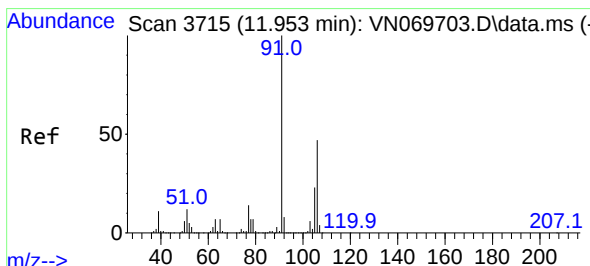
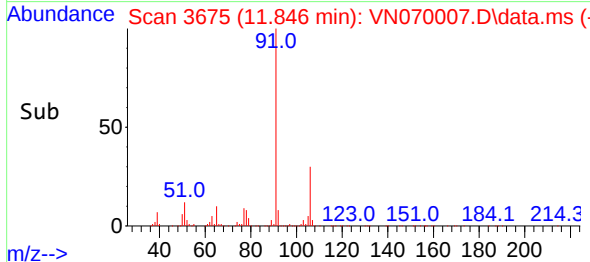
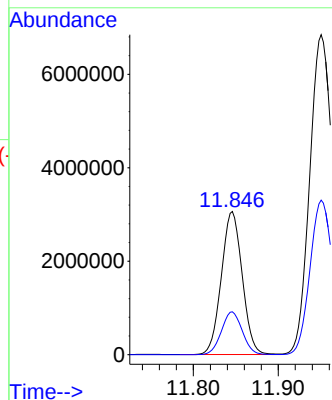
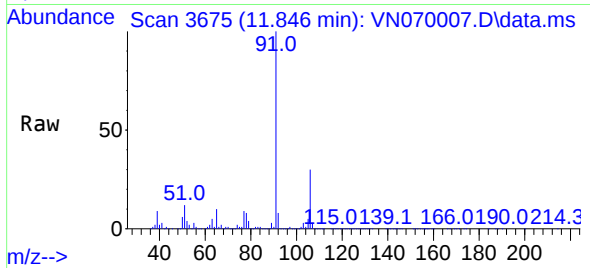




#67
Ethyl Benzene
Concen: 52.424 ug/l
RT: 11.846 min Scan# 307
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

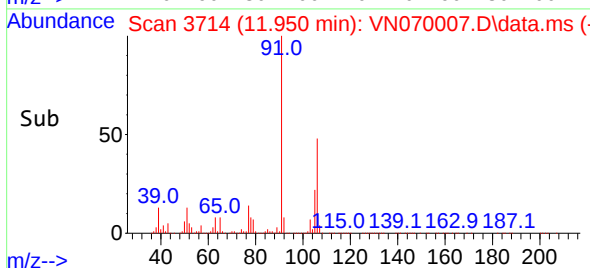
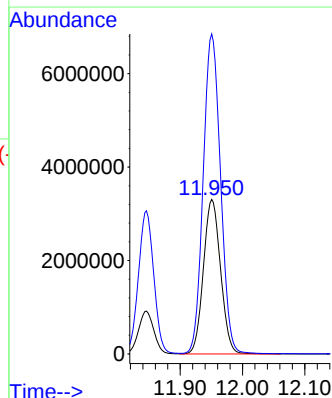
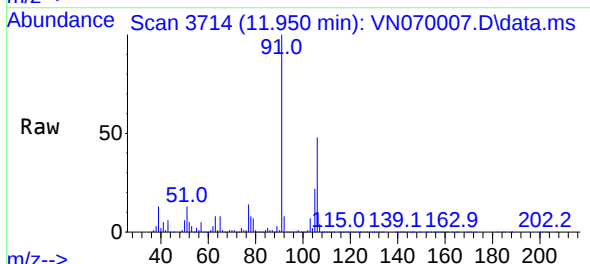
Instrument :
MSVOA_N
ClientSampleId :

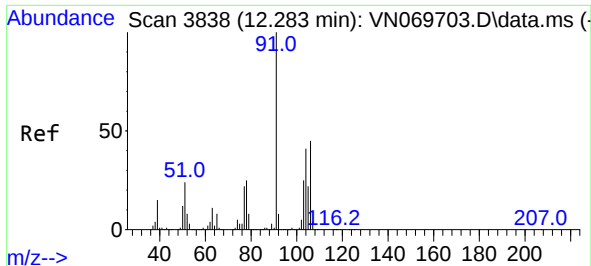
Tgt Ion: 91 Resp: 5233423
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 173.660 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion:106 Resp: 6312305
Ion Ratio Lower Upper
106 100
91 209.5 160.6 240.8

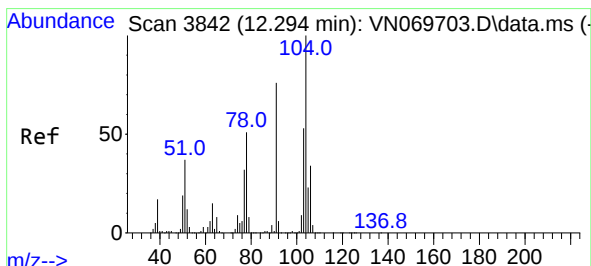
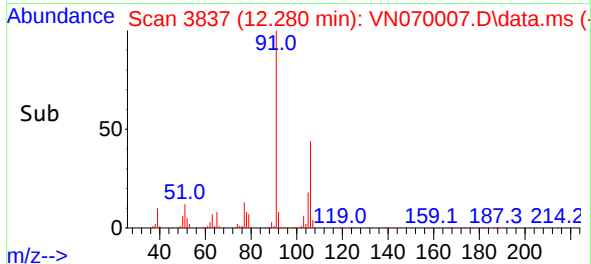
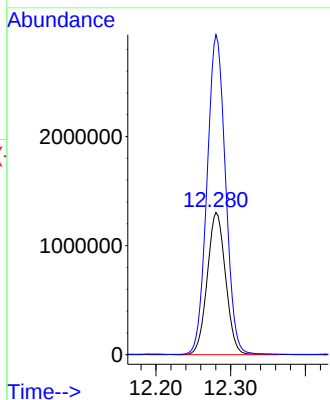
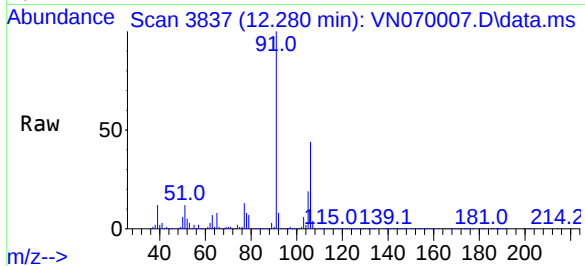




#69
o-Xylene
Concen: 60.618 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

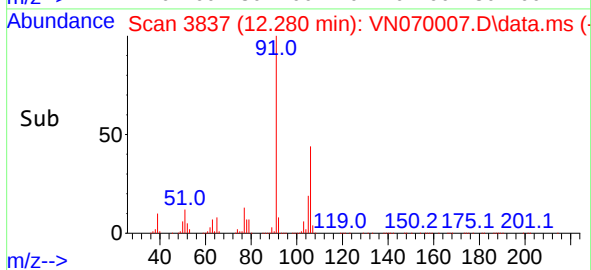
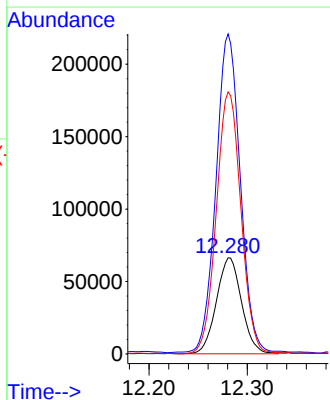
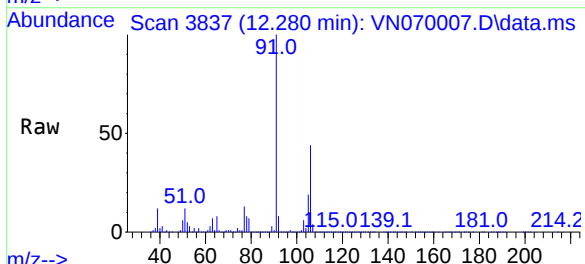
Instrument :
MSVOA_N
ClientSampleId :

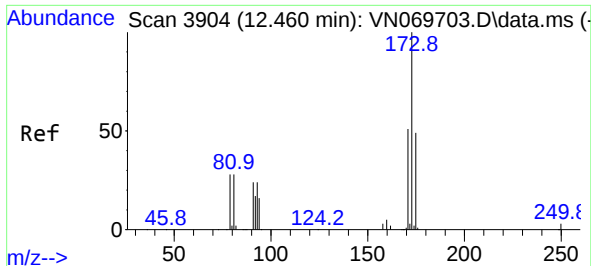
Tgt Ion:106 Resp: 2219406
Ion Ratio Lower Upper
106 100
91 226.4 105.8 317.3



#70
Styrene
Concen: 2.026 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion:104 Resp: 117640
Ion Ratio Lower Upper
104 100
78 320.8 38.7 58.1#
103 266.7 45.0 67.6#

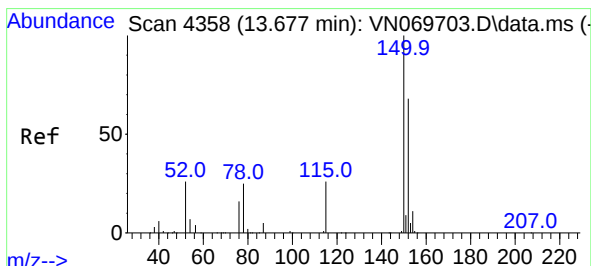
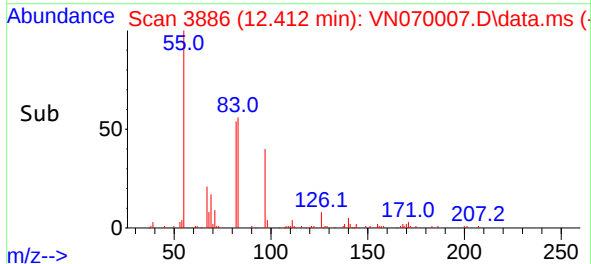
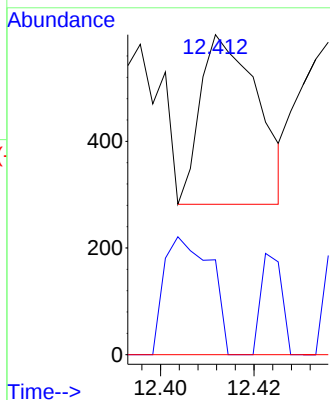
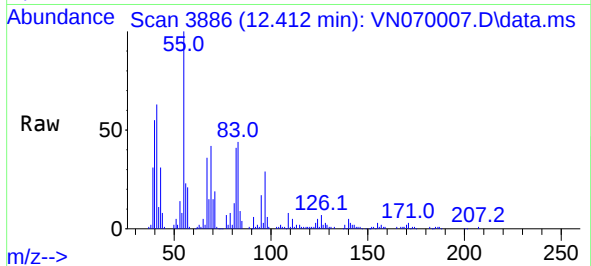




#71
Bromoform
Concen: 2.746 ug/l
RT: 12.412 min Scan# 3886
Delta R.T. -0.048 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

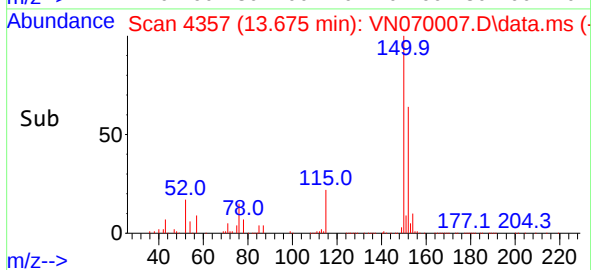
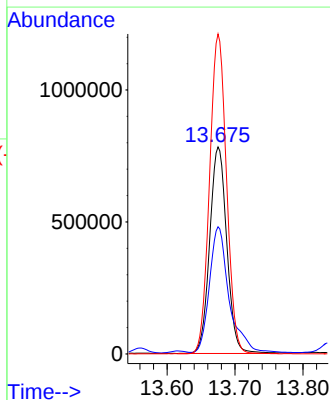
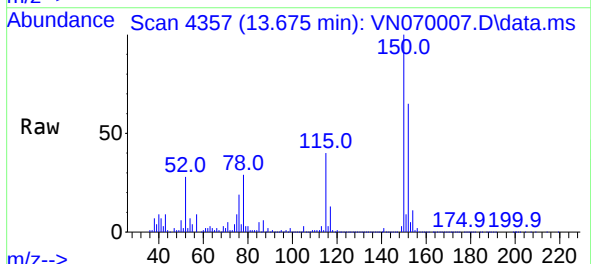
Instrument :
MSVOA_N
ClientSampleId :

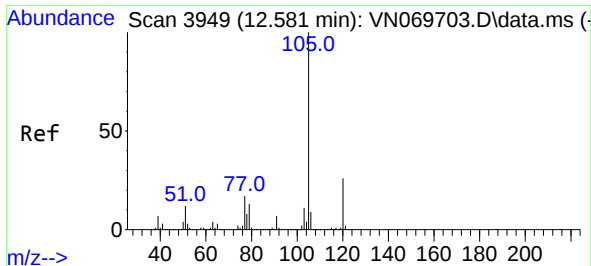
Tgt Ion:173 Resp: 270
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion:152 Resp: 1371797
Ion Ratio Lower Upper
152 100
115 69.7 27.5 82.5
150 152.8 0.0 344.4

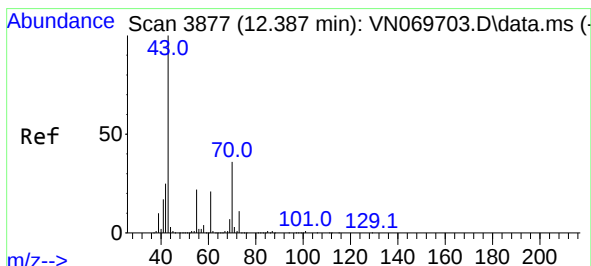
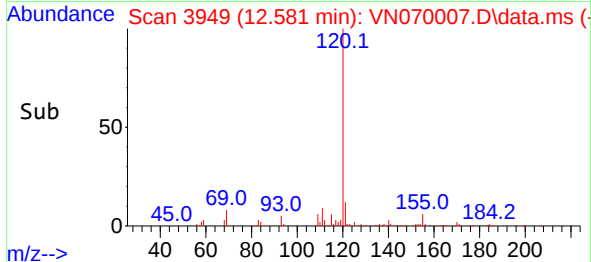
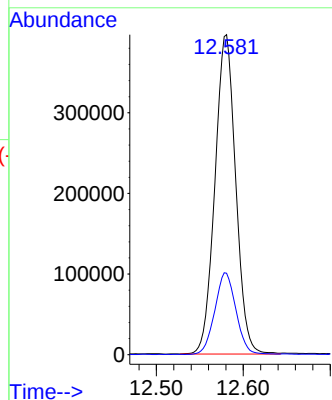
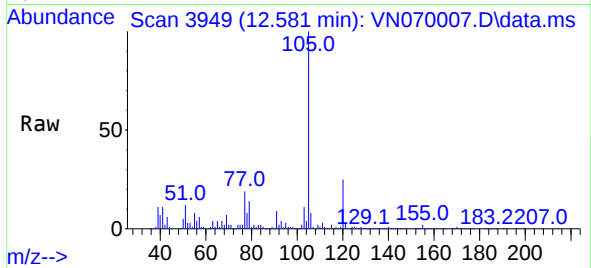




#73
Isopropylbenzene
Concen: 5.389 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

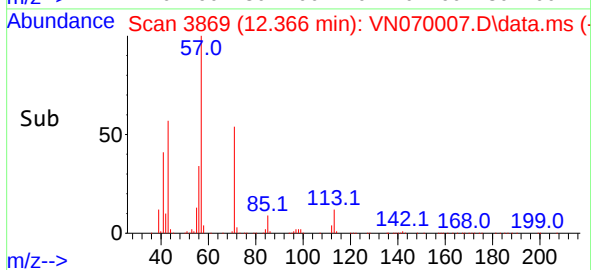
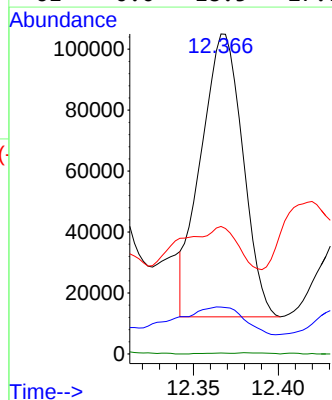
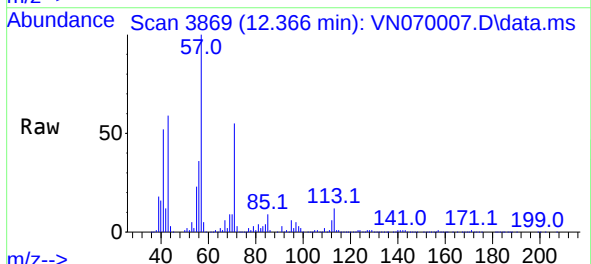
Instrument :
MSVOA_N
ClientSampleId :

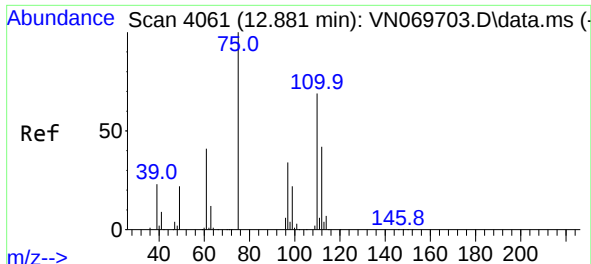
Tgt Ion:105 Resp: 657731
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



#74
N-ethyl acetate
Concen: 2.953 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.021 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 43 Resp: 159391
Ion Ratio Lower Upper
43 100
70 15.6 33.4 50.0#
55 19.7 19.3 28.9
61 0.0 18.5 27.7#

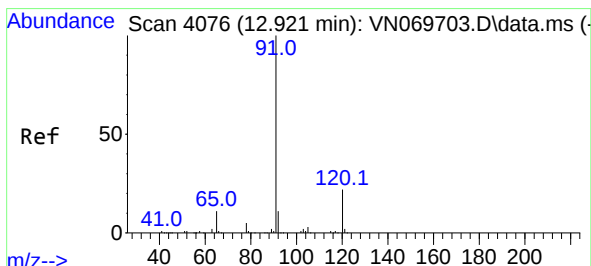
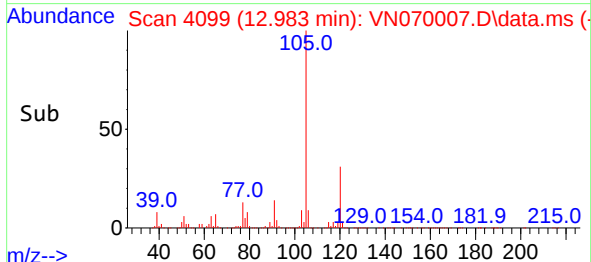
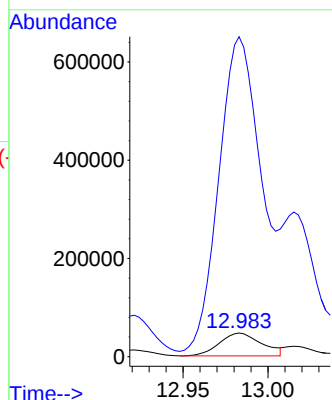
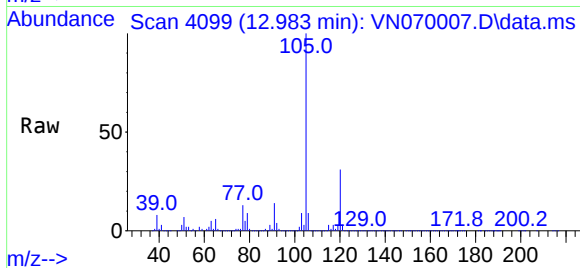




#76
1,2,3-Trichloropropane
Concen: 2.040 ug/l
RT: 12.983 min Scan# 4061
Delta R.T. 0.102 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

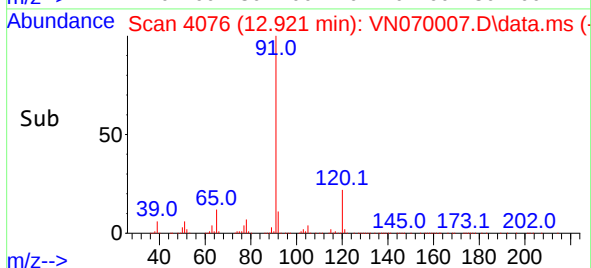
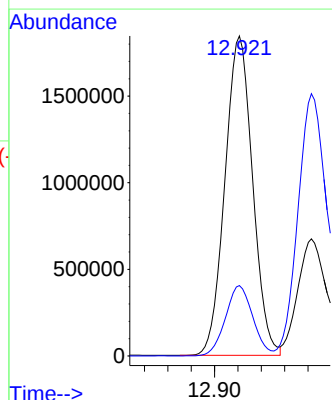
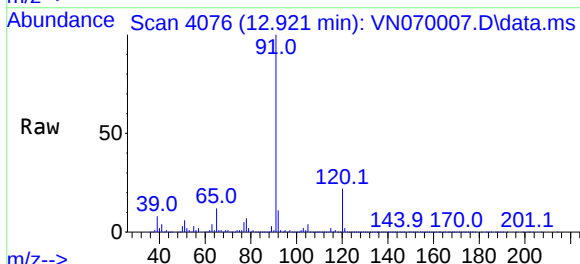
Instrument :
MSVOA_N
ClientSampleId :

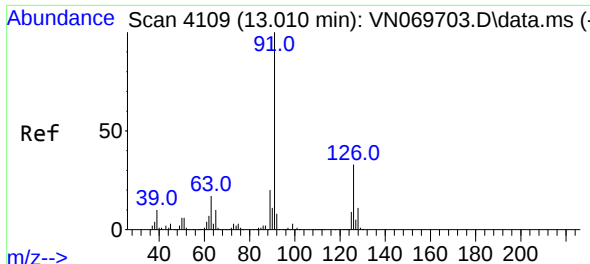
Tgt Ion: 75 Resp: 80241
Ion Ratio Lower Upper
75 100
77 1364.3 82.6 247.8#



#78
n-propylbenzene
Concen: 22.336 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 91 Resp: 3033626
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

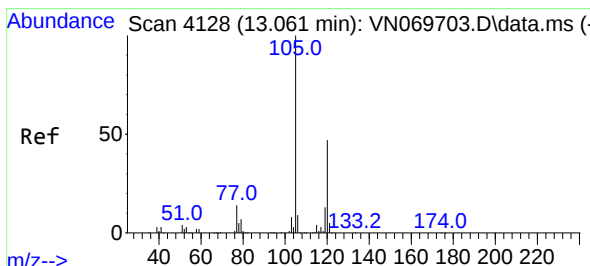
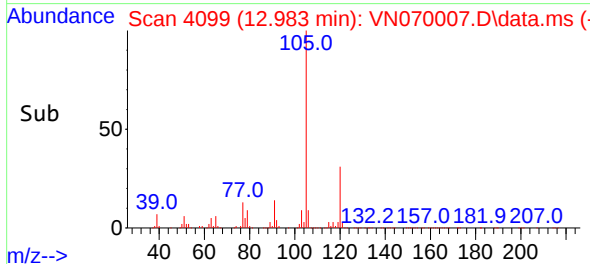
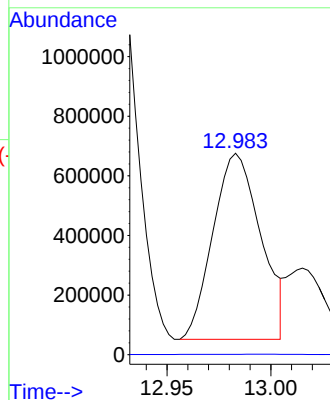
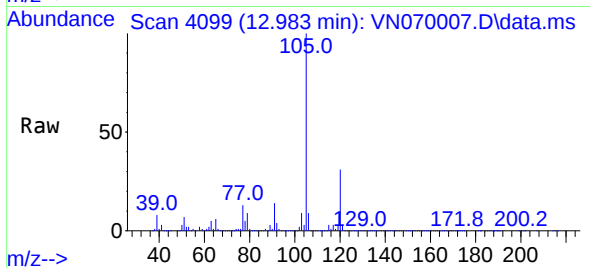




#79
2-Chlorotoluene
Concen: 11.643 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.027 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

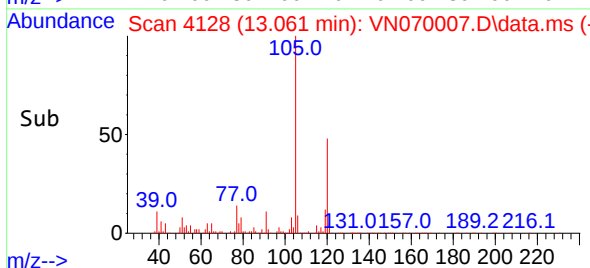
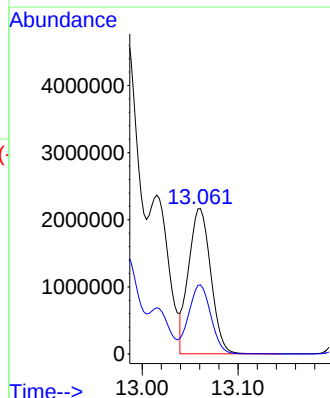
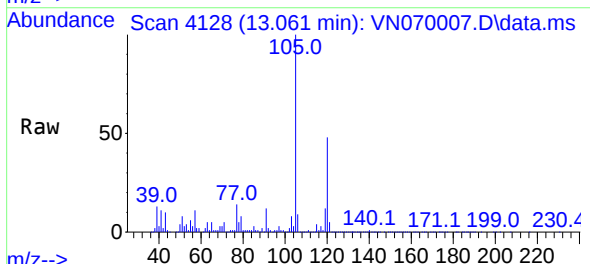
Instrument :
MSVOA_N
ClientSampleId :

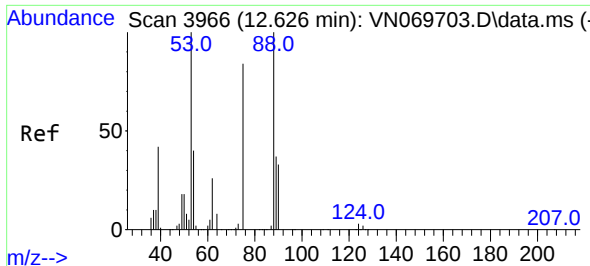
Tgt Ion: 91 Resp: 999166
Ion Ratio Lower Upper
91 100
126 0.1 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 35.406 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

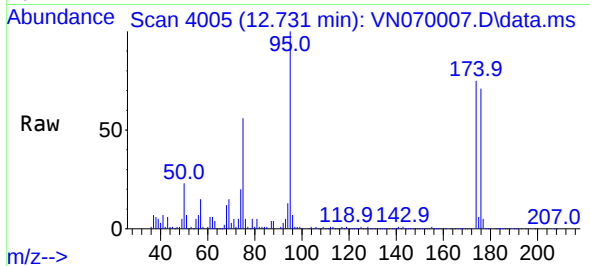
Tgt Ion: 105 Resp: 3478153
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6



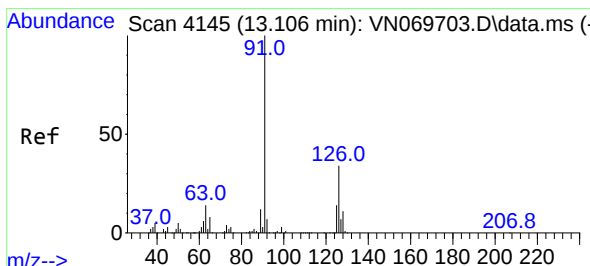
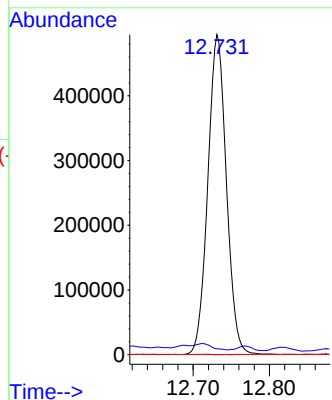
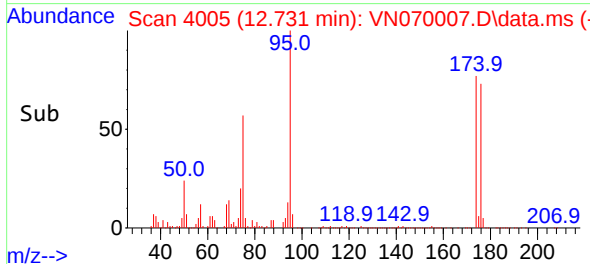


#81
trans-1,4-Dichloro-2-butene
Concen: 67.895 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

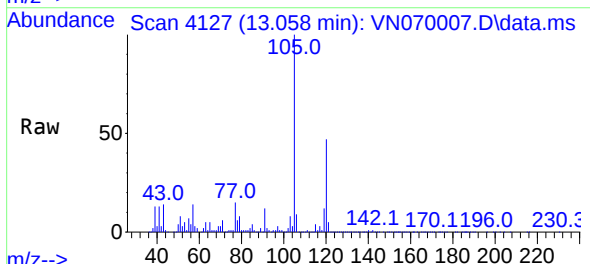
Instrument :
MSVOA_N
ClientSampleId :



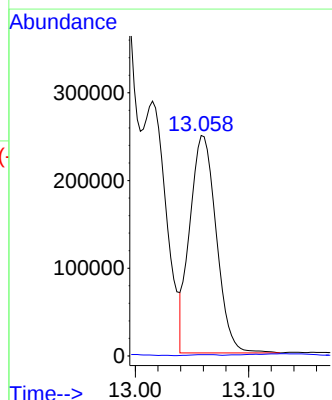
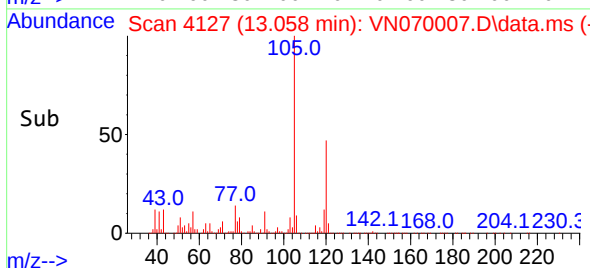
Tgt Ion: 75 Resp: 835115
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

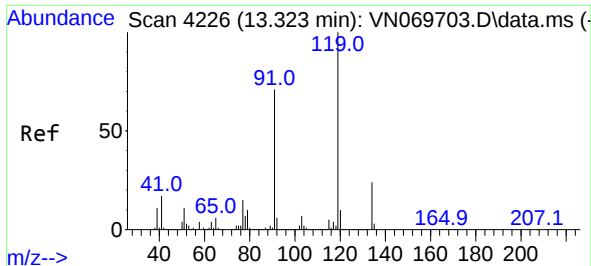


#82
4-Chlorotoluene
Concen: 4.968 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45



Tgt Ion: 91 Resp: 400935
Ion Ratio Lower Upper
91 100
126 0.4 18.2 54.6#

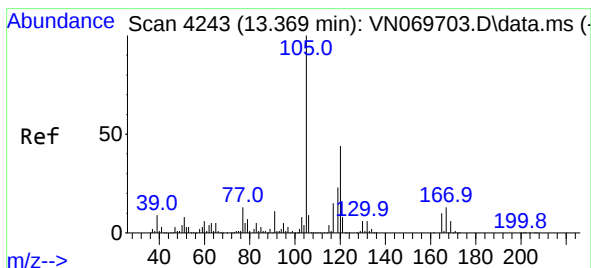
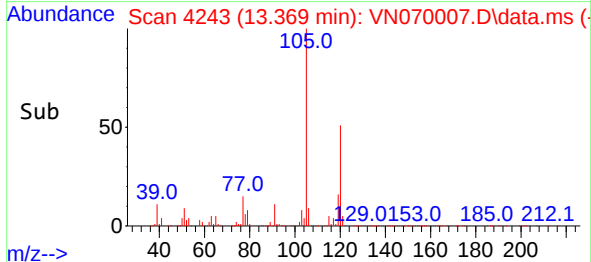
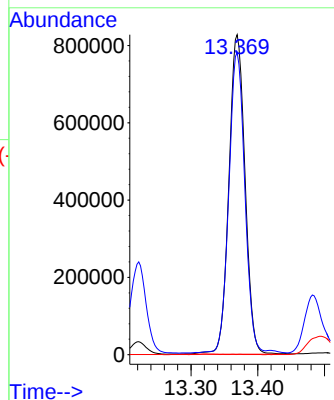
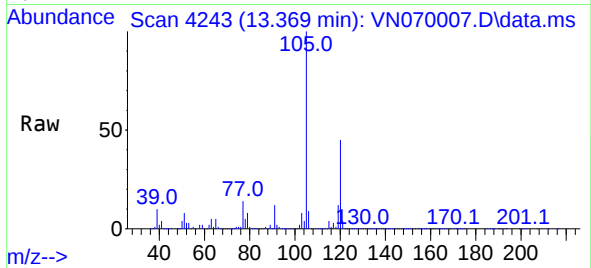




#83
tert-Butylbenzene
Concen: 15.965 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.046 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

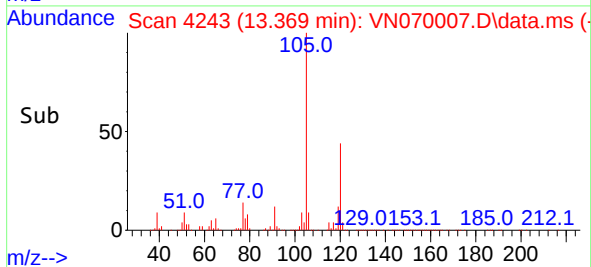
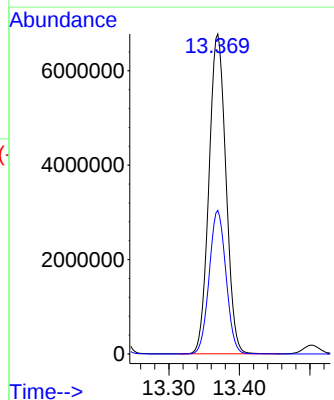
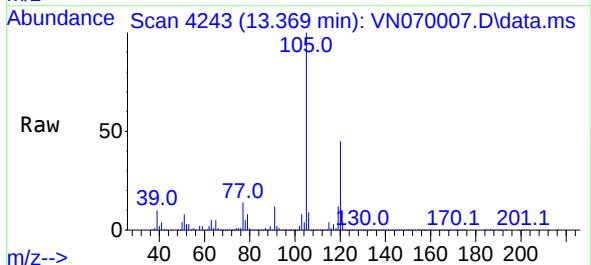
Instrument :
MSVOA_N
ClientSampleId :

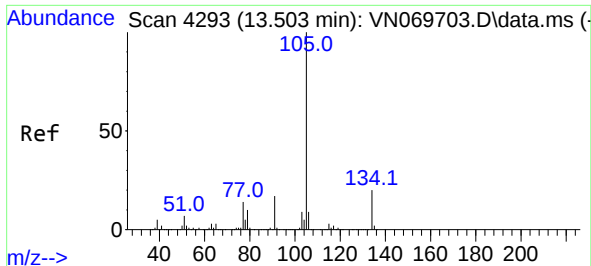
Tgt Ion:119 Resp: 1388769
Ion Ratio Lower Upper
119 100
91 92.3 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 121.069 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion:105 Resp:11326875
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4

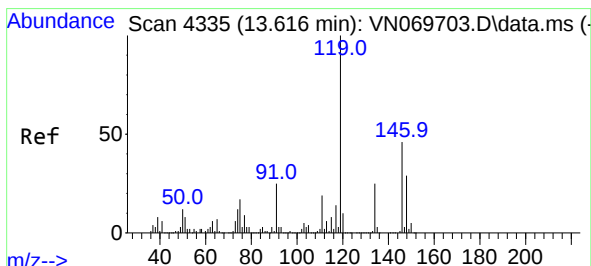
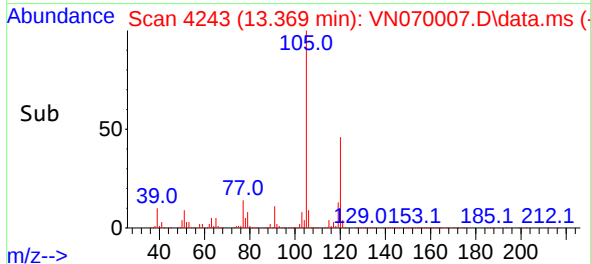
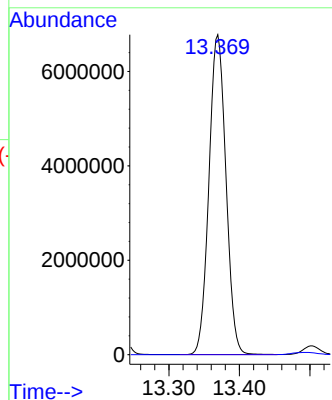
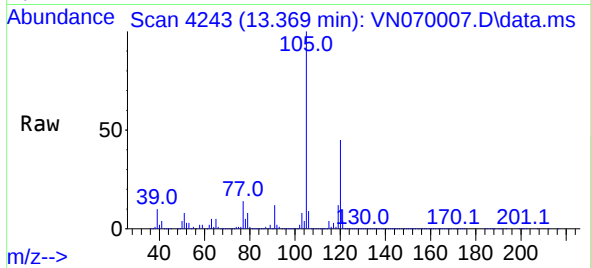




#85
 sec-Butylbenzene
 Concen: 96.000 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN070007.D
 Acq: 11 Dec 2021 14:45

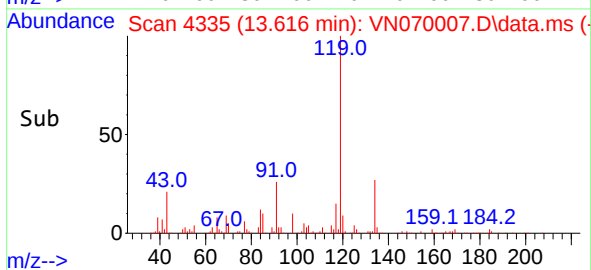
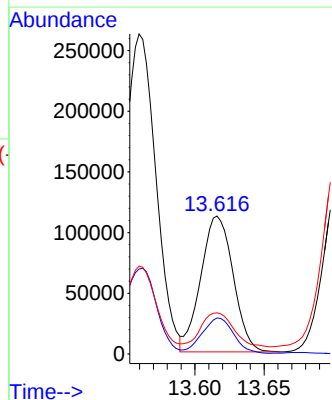
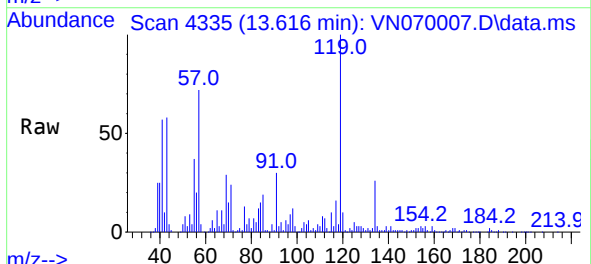
Instrument :
 MSVOA_N
 ClientSampleId :

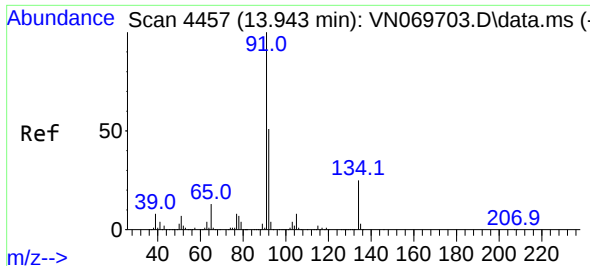
Tgt Ion:105 Resp:11326875
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.976 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070007.D
 Acq: 11 Dec 2021 14:45

Tgt Ion:119 Resp: 182201
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.6 40.7
 91 24.8 11.4 34.1

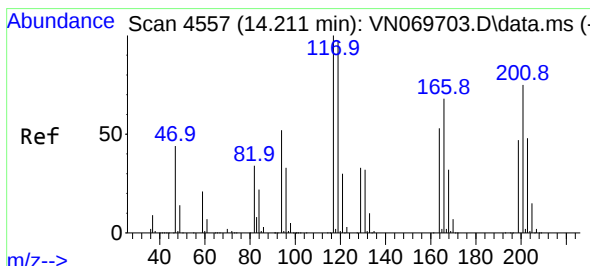
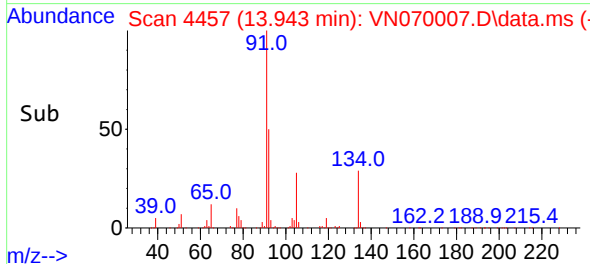
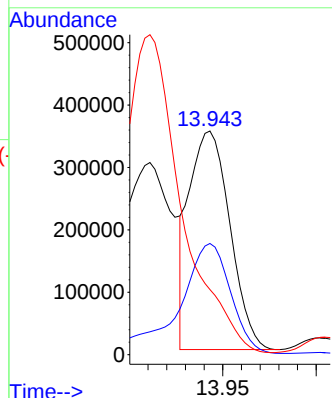
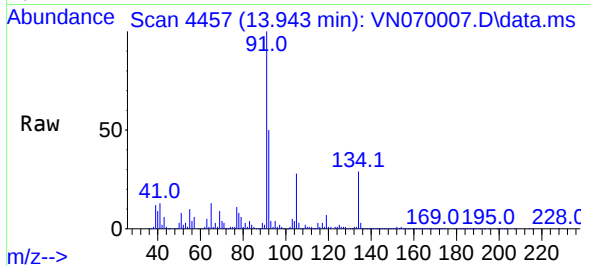




#89
n-Butylbenzene
Concen: 7.072 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

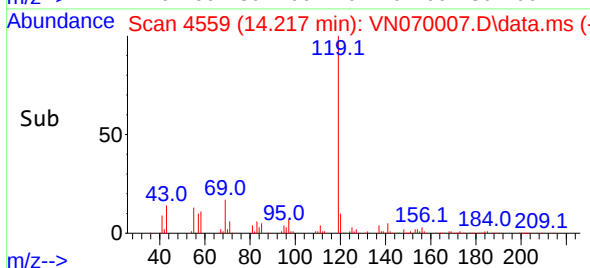
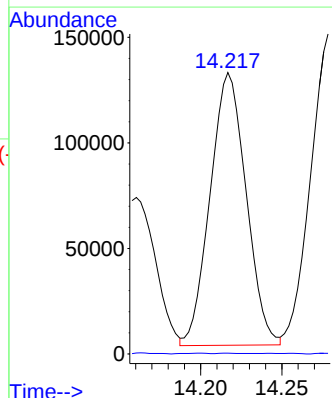
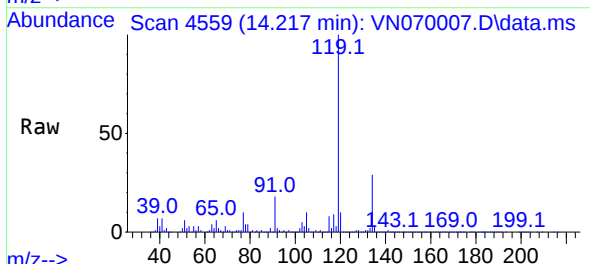
Instrument :
MSVOA_N
ClientSampleId :

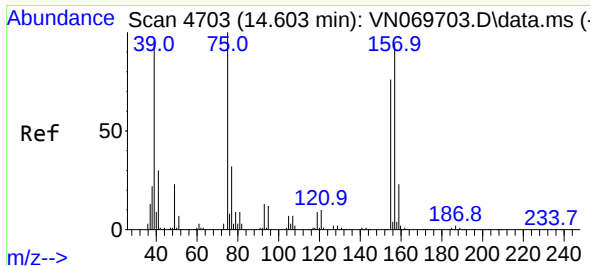
Tgt Ion: 91 Resp: 529064
Ion Ratio Lower Upper
91 100
92 63.8 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 12.304 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 117 Resp: 199236
Ion Ratio Lower Upper
117 100
201 0.1 43.9 131.6#

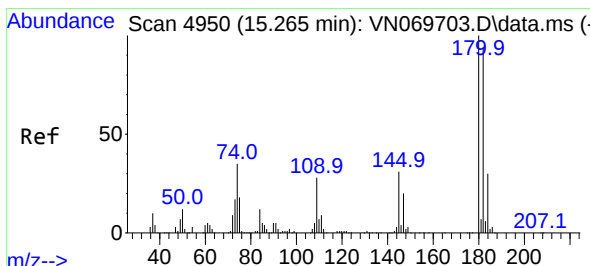
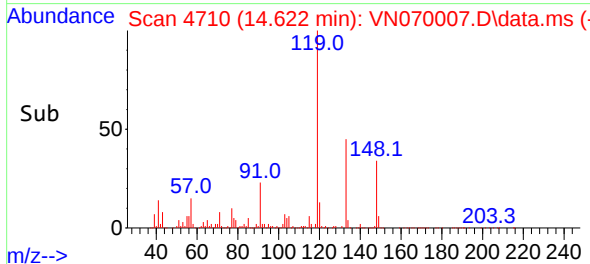
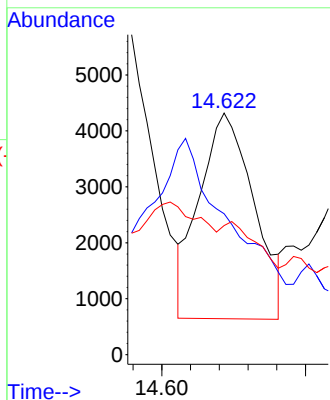
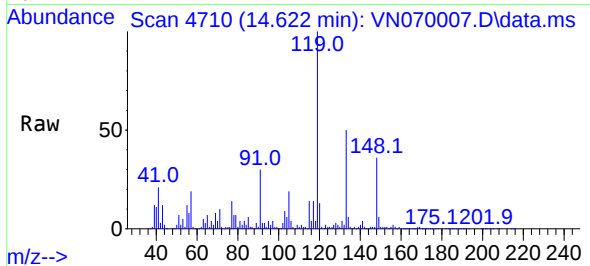




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.638 ug/l
RT: 14.622 min Scan# 41
Delta R.T. 0.019 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

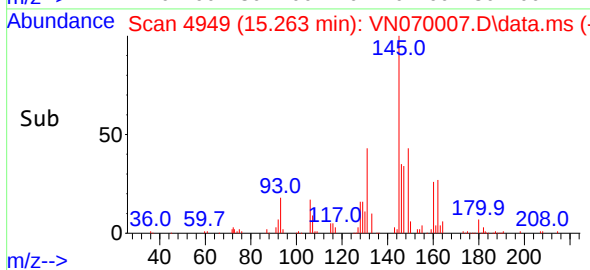
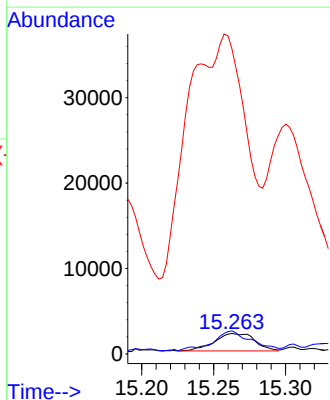
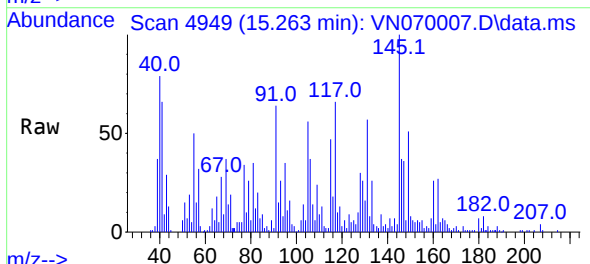
Instrument :
MSVOA_N
ClientSampleId :

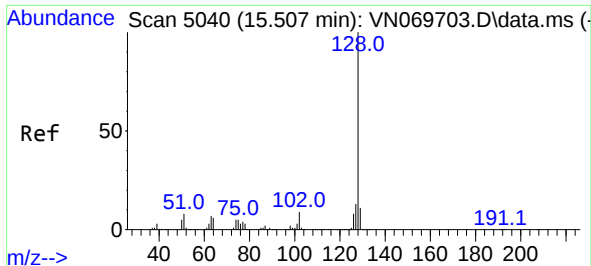
Tgt Ion: 75 Resp: 4866
Ion Ratio Lower Upper
75 100
155 95.3 46.9 140.7
157 43.1 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 3.046 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

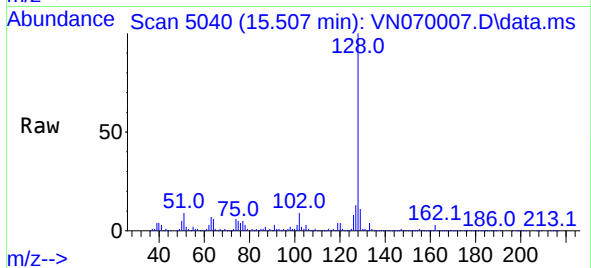
Tgt Ion:180 Resp: 4021
Ion Ratio Lower Upper
180 100
182 80.5 48.3 144.9
145 0.0 14.5 43.5#





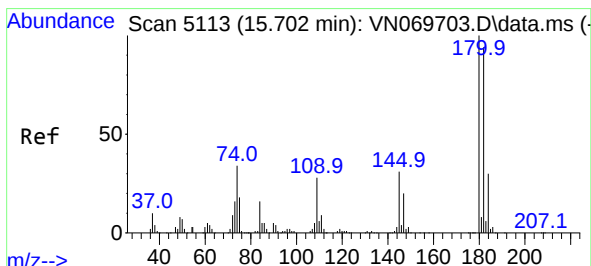
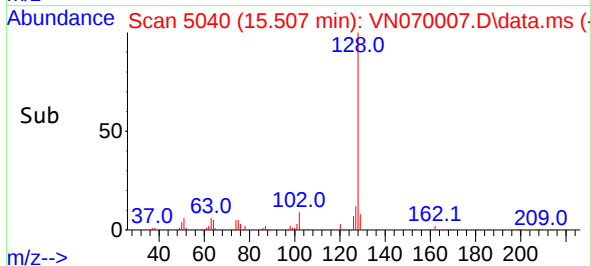
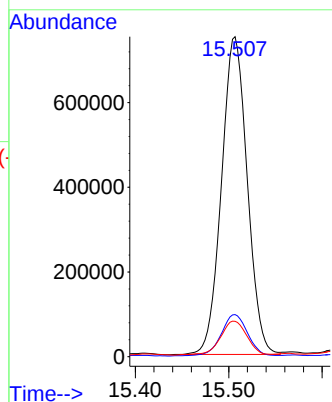
#95
Naphthalene
Concen: 23.746 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1439515

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.647 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion:180 Resp: 4876

Ion	Ratio	Lower	Upper
180	100		
182	64.8	47.4	142.2
145	1017.2	15.0	45.1#

