

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070407.D
 Acq On : 30 Dec 2021 18:32
 Operator : JC/MD
 Sample : M5212-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP122121

Quant Time: Dec 31 05:21:57 2021
 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	8.088	168	893578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1543846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1397693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	509967	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	654007	50.904	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.800%	
35) Dibromofluoromethane	8.024	113	466176	49.906	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.820%	
50) Toluene-d8	10.443	98	1859380	48.727	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	12.731	95	703690	51.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.120%	

Target Compounds				Qvalue		
3) Chloromethane	2.301	50	4338	0.315	ug/l #	88
11) Tert butyl alcohol	5.390	59	3425	1.601	ug/l #	71
13) Acrolein	4.248	56	173529	99.973	ug/l #	82
14) Allyl chloride	5.074	41	903714	43.799	ug/l #	56
15) Acrylonitrile	5.610	53	22596	3.385	ug/l #	28
16) Acetone	4.248	43	586372	70.306	ug/l #	55
17) Carbon Disulfide	4.527	76	14185	0.571	ug/l #	90
18) Methyl Acetate	5.074	43	2257075	93.554	ug/l #	51
19) Methyl tert-butyl Ether	5.626	73	19657	0.582	ug/l #	1
20) Methylene Chloride	5.060	84	14348	1.243	ug/l #	1
22) Diisopropyl ether	6.503	45	24249	0.603	ug/l #	79
25) 2-Butanone	7.343	43	47792	4.551	ug/l #	68
30) Chloroform	7.780	83	26447	1.316	ug/l #	18
31) Cyclohexane	8.094	56	167978	8.285	ug/l #	86
36) 1,1-Dichloropropene	8.088	75	74470	4.819	ug/l #	48
37) Ethyl Acetate	7.343	43	47792	2.386	ug/l #	69
38) Carbon Tetrachloride	8.088	117	88820	6.019	ug/l #	16
39) Methylcyclohexane	9.424	83	56779	3.035	ug/l #	1
40) Benzene	8.461	78	2287642	48.289	ug/l	99
41) Methacrylonitrile	7.662	41	8773	0.876	ug/l #	39
43) Isopropyl Acetate	8.555	43	120753	3.824	ug/l #	55
47) Bromodichloromethane	9.746	83	18282	1.161	ug/l #	28
48) Methyl methacrylate	9.596	41	20640	1.370	ug/l #	28
49) 1,4-Dioxane	9.574	88	91	0.413	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	4220	0.213	ug/l #	75
52) Toluene	10.507	92	29481	1.028	ug/l	98
55) 1,1,2-Trichloroethane	10.878	97	79265	6.986	ug/l #	21
56) Ethyl methacrylate	10.786	69	9419	0.502	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.014	63	665	18.642	ug/l #	45
59) 2-Hexanone	10.947	43	20214	1.397	ug/l	64
67) Ethyl Benzene	11.846	91	2324592	42.781	ug/l	96
68) m/p-Xylenes	11.846	106	697364	35.258	ug/l #	13
69) o-Xylene	12.283	106	4076	0.207	ug/l	86
71) Bromoform	12.731	173	5127	0.653	ug/l #	1
73) Isopropylbenzene	12.581	105	1097280	23.170	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	780	0.492	ug/l #	54

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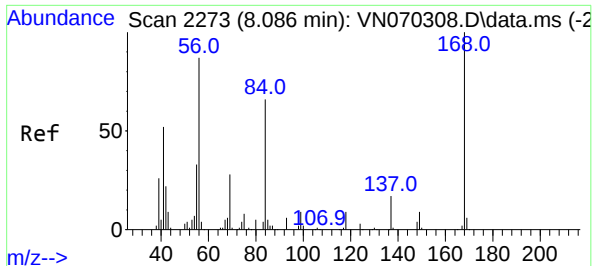
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

76) 1,2,3-Trichloropropane	12.731	75	375371	26.237	ug/l	#	1
78) n-propylbenzene	12.921	91	876997	16.714	ug/l		95
79) 2-Chlorotoluene	12.921	91	876997	26.049	ug/l	#	38
80) 1,3,5-Trimethylbenzene	13.222	105	178164	4.695	ug/l		70
81) trans-1,4-Dichloro-2-b...	12.578	75	14484	3.470	ug/l	#	68
82) 4-Chlorotoluene	12.921	91	876997	27.809	ug/l	#	38
83) tert-Butylbenzene	13.324	119	26985	0.808	ug/l		92
84) 1,2,4-Trimethylbenzene	13.369	105	51523	1.410	ug/l		99
85) sec-Butylbenzene	13.501	105	114621	2.526	ug/l	#	36
86) p-Isopropyltoluene	13.771	119	73726	2.069	ug/l		97
89) n-Butylbenzene	14.005	91	61884	2.082	ug/l	#	1
90) Hexachloroethane	14.278	117	77621	12.537	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.541	75	1947	0.710	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.268	180	3141	0.374	ug/l	#	1
95) Naphthalene	15.504	128	24478	2.813	ug/l	#	89
96) 1,2,3-Trichlorobenzene	15.702	180	3632	1.270	ug/l	#	85

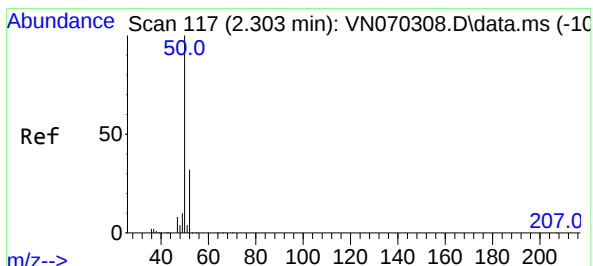
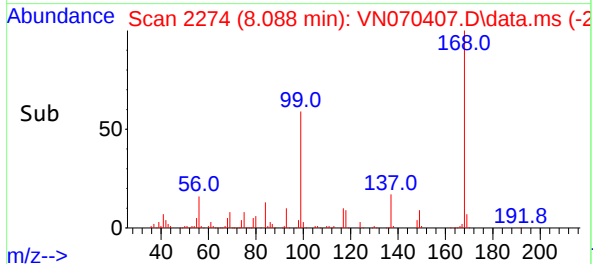
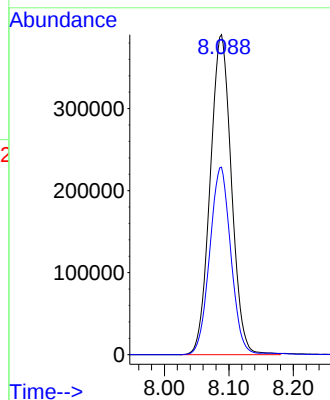
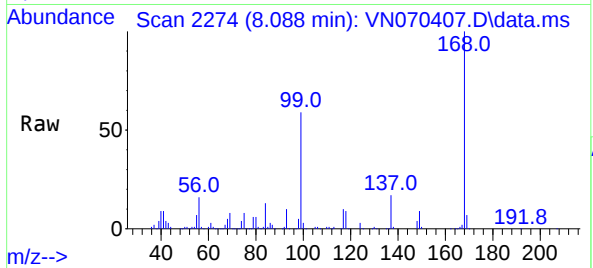
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

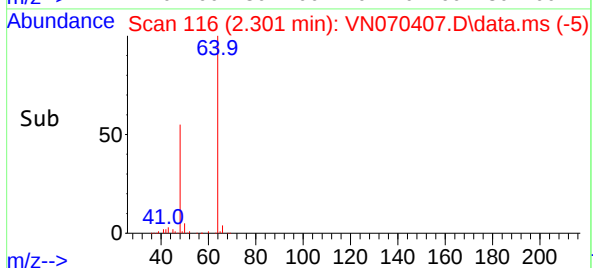
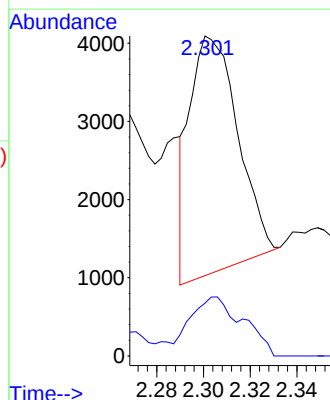
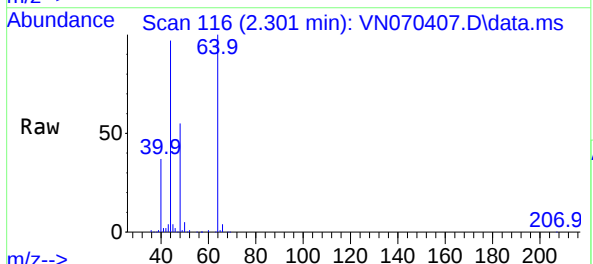
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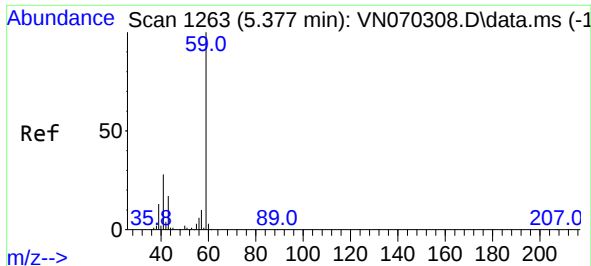
Tgt Ion:168 Resp: 893578
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#3
Chloromethane
Concen: 0.315 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 50 Resp: 4338
Ion Ratio Lower Upper
50 100
52 25.0 25.4 38.0#

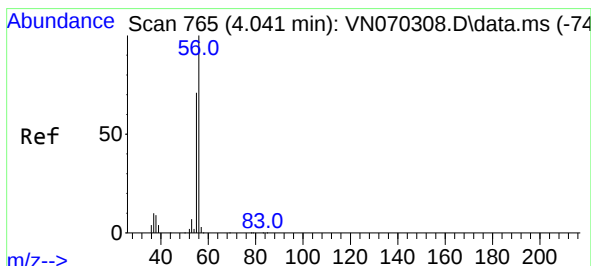
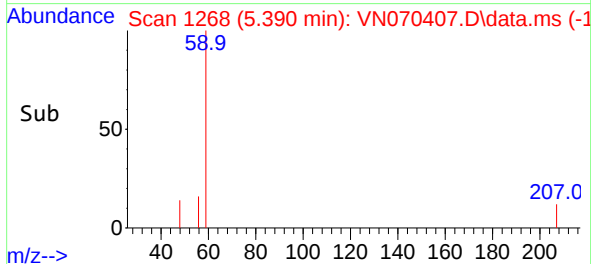
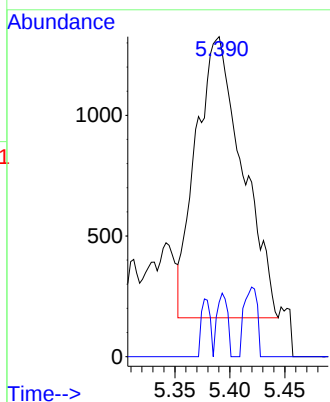
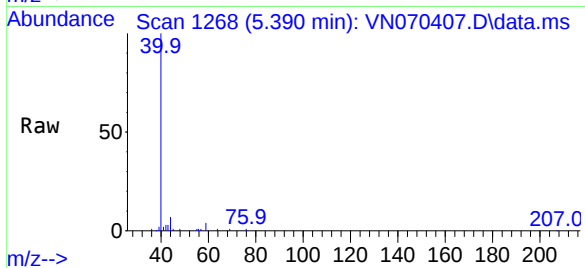




#11
Tert butyl alcohol
Concen: 1.601 ug/l
RT: 5.390 min Scan# 11
Delta R.T. 0.013 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

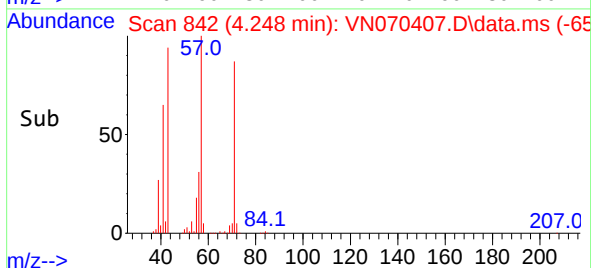
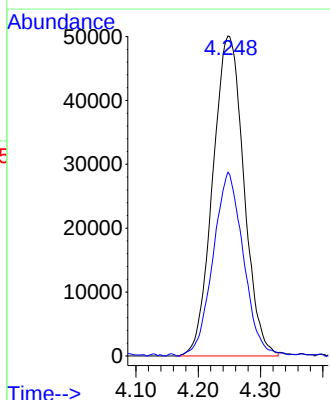
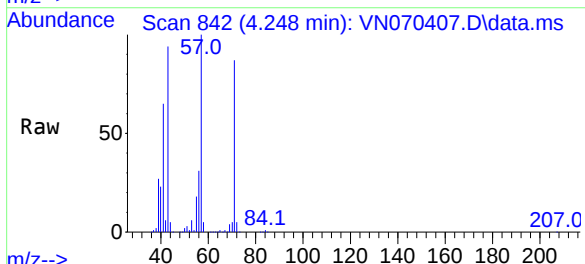
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

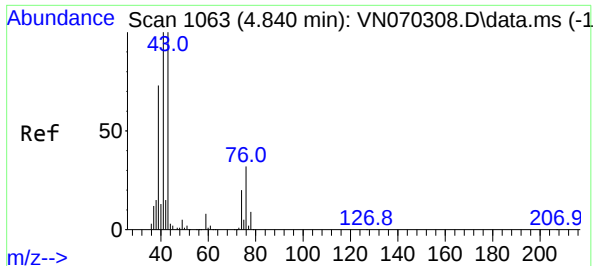
Tgt Ion: 59 Resp: 3425
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 99.973 ug/l
RT: 4.248 min Scan# 842
Delta R.T. 0.207 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 56 Resp: 173529
Ion Ratio Lower Upper
56 100
55 55.9 56.6 85.0#





#14

Allyl chloride

Concen: 43.799 ug/l

RT: 5.074 min Scan# 1150

Delta R.T. 0.234 min

Lab File: VN070407.D

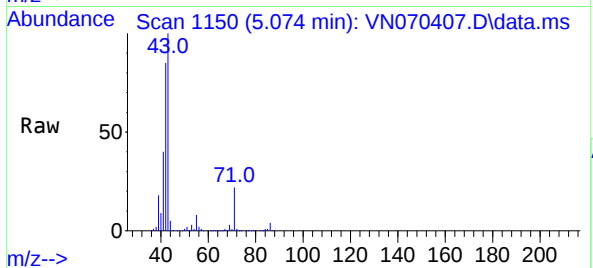
Acq: 30 Dec 2021 18:32

Instrument :

MSVOA_N

ClientSampleId :

DUP122121



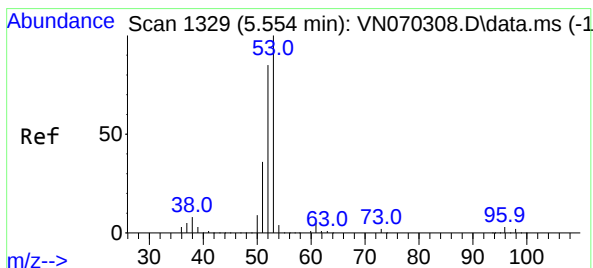
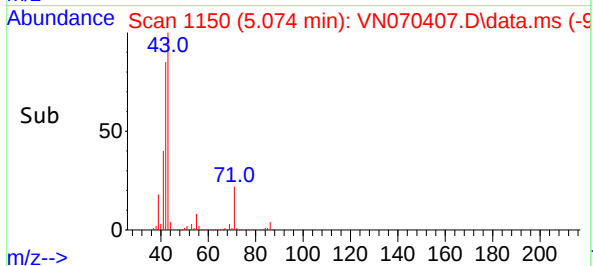
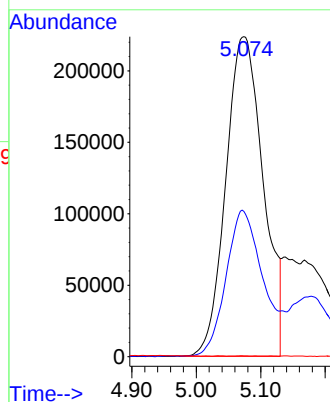
Tgt Ion: 41 Resp: 903714

Ion Ratio Lower Upper

41 100

39 43.8 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 3.385 ug/l

RT: 5.610 min Scan# 1350

Delta R.T. 0.056 min

Lab File: VN070407.D

Acq: 30 Dec 2021 18:32

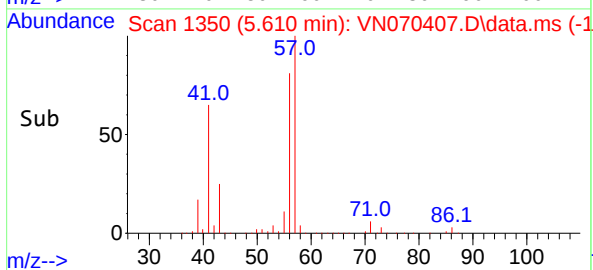
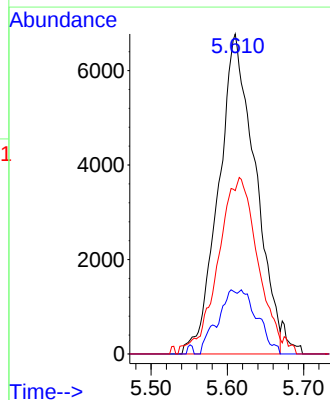
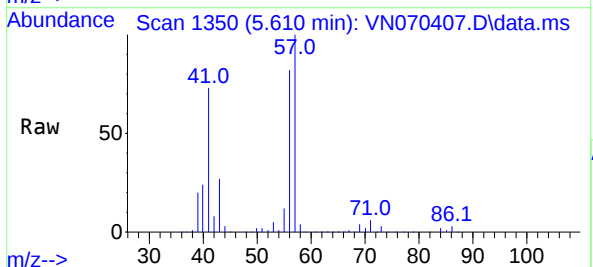
Tgt Ion: 53 Resp: 22596

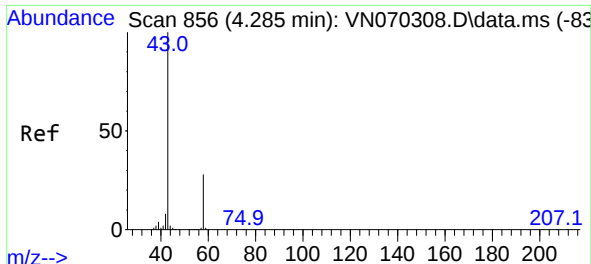
Ion Ratio Lower Upper

53 100

52 4.0 66.2 99.2#

51 59.5 29.6 44.4#

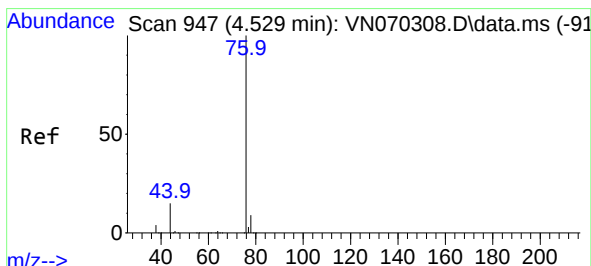
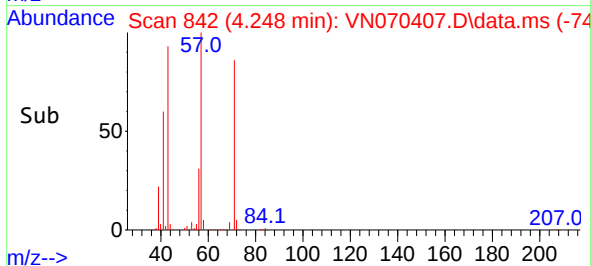
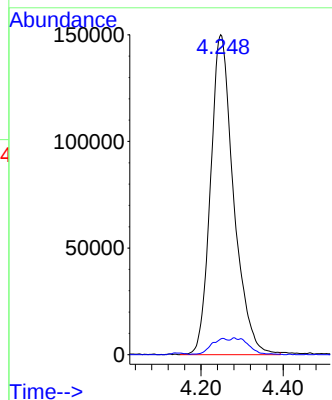
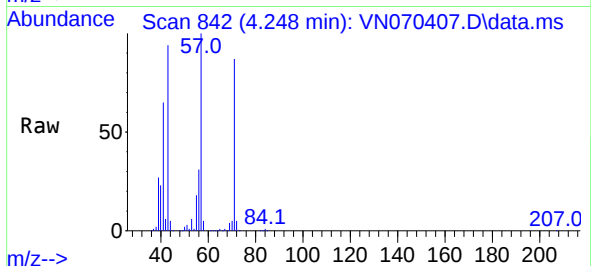




#16
Acetone
Concen: 70.306 ug/l
RT: 4.248 min Scan# 84
Delta R.T. -0.037 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

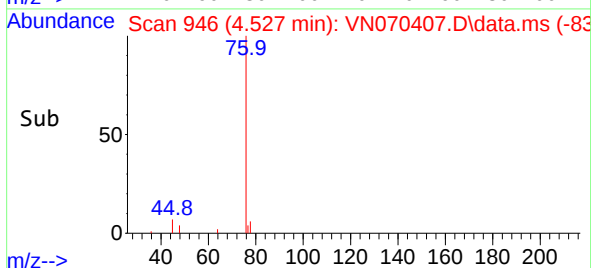
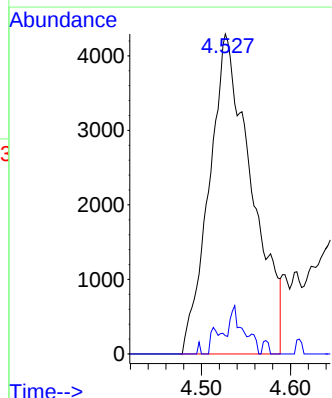
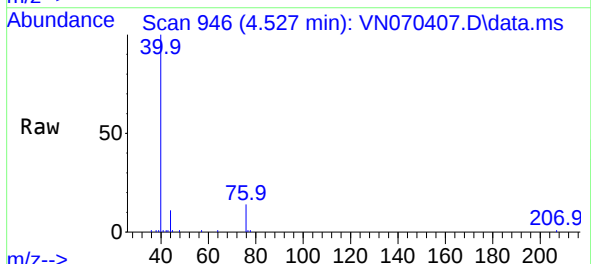
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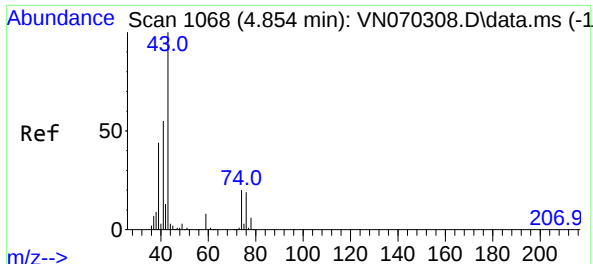
Tgt Ion: 43 Resp: 586372
Ion Ratio Lower Upper
43 100
58 4.8 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.571 ug/l
RT: 4.527 min Scan# 946
Delta R.T. -0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 76 Resp: 14185
Ion Ratio Lower Upper
76 100
78 5.7 7.5 11.3#

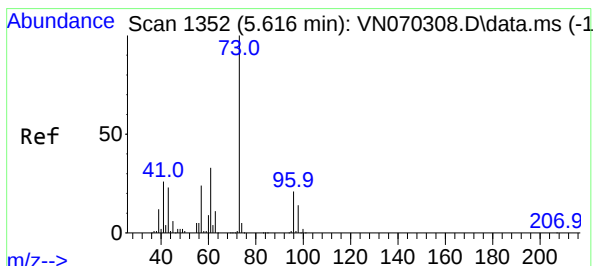
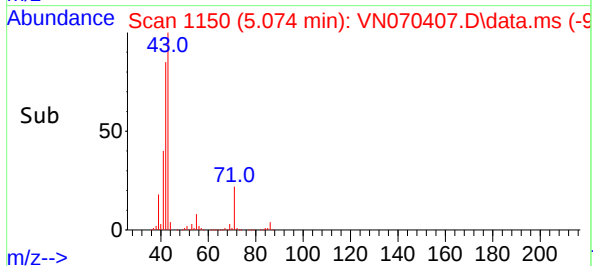
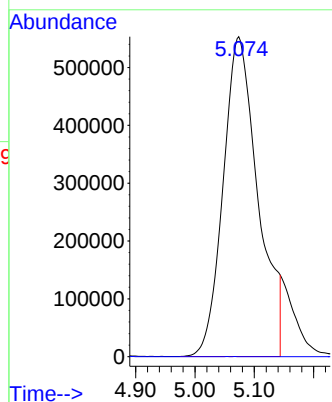
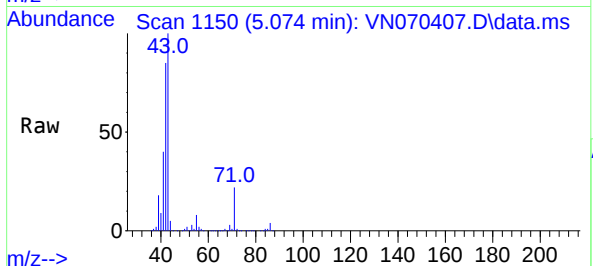




#18
Methyl Acetate
Concen: 93.554 ug/l
RT: 5.074 min Scan# 1150
Delta R.T. 0.220 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

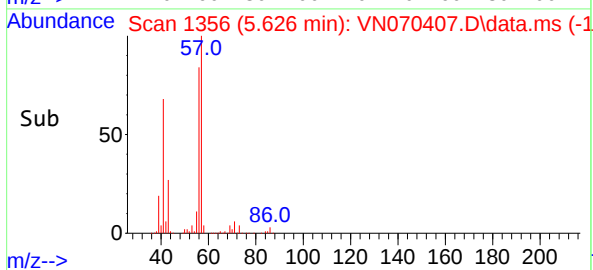
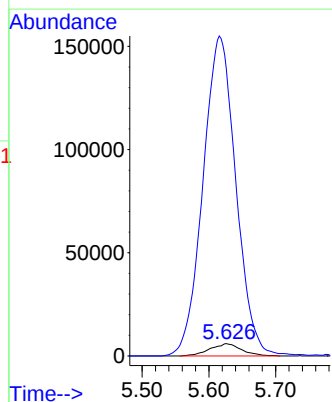
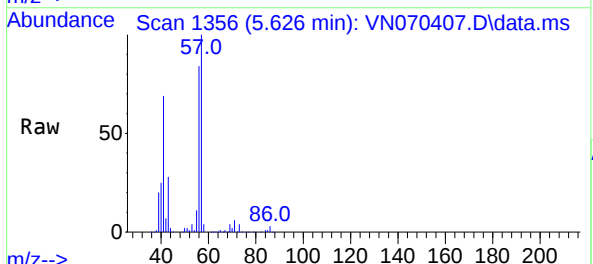
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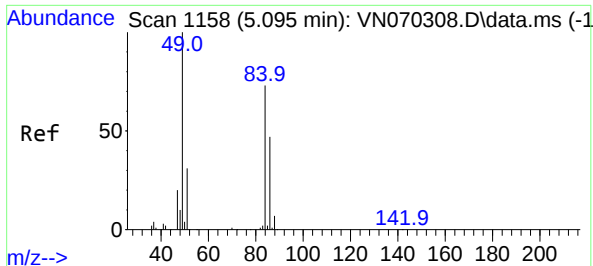
Tgt Ion: 43 Resp: 2257075
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 0.582 ug/l
RT: 5.626 min Scan# 1356
Delta R.T. 0.010 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 73 Resp: 19657
Ion Ratio Lower Upper
73 100
57 2304.6 16.8 25.2#



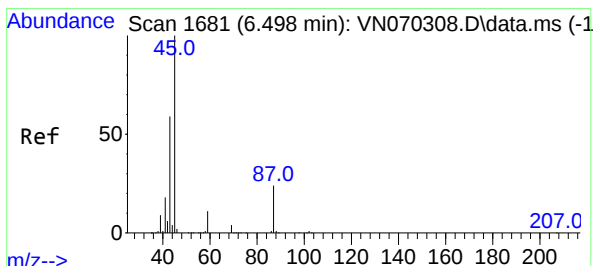
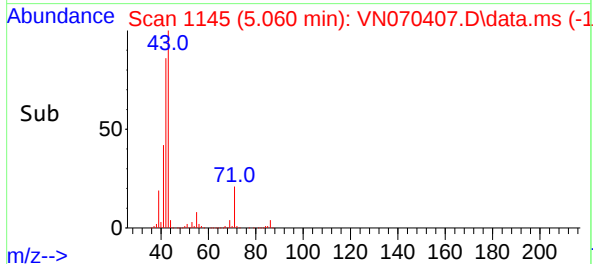
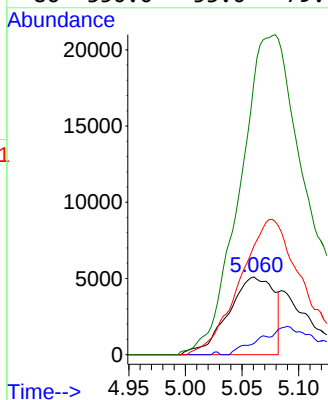
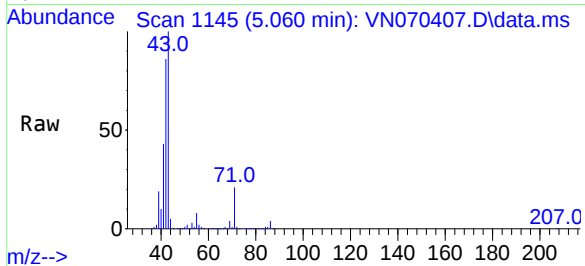


#20
Methylene Chloride
Concen: 1.243 ug/l
RT: 5.060 min Scan# 1158
Delta R.T. -0.035 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Instrument :
MSVOA_N
ClientSampleId :
DUP122121

Tgt Ion: 84 Resp: 14348

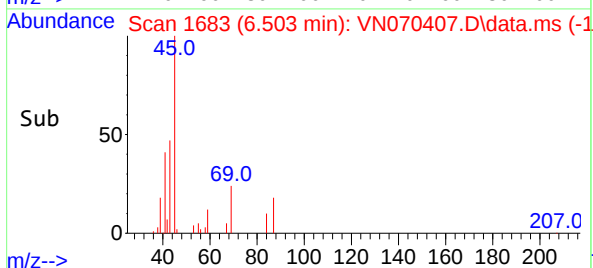
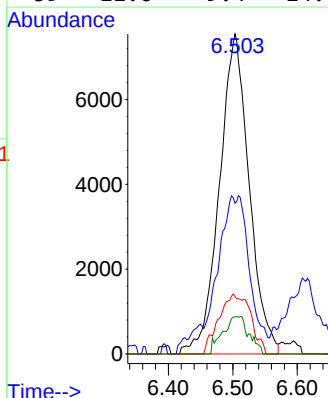
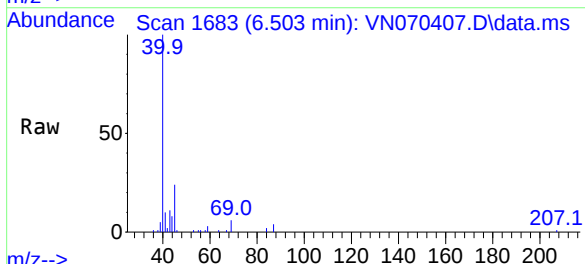
Ion	Ratio	Lower	Upper
84	100		
49	14.5	93.5	140.3#
51	139.5	29.4	44.2#
86	350.0	53.0	79.4#

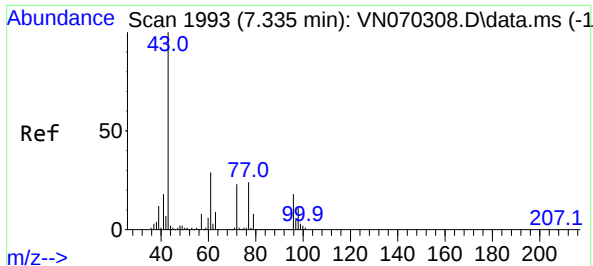


#22
Diisopropyl ether
Concen: 0.603 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 45 Resp: 24249

Ion	Ratio	Lower	Upper
45	100		
43	44.5	51.7	77.5#
87	17.9	23.2	34.8#
59	11.6	9.4	14.0

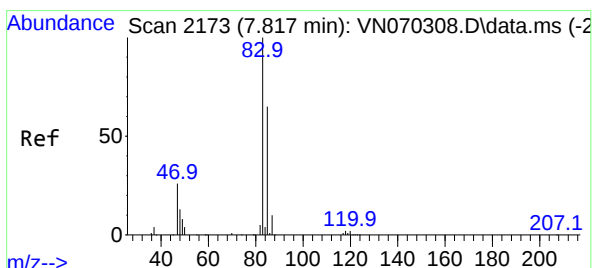
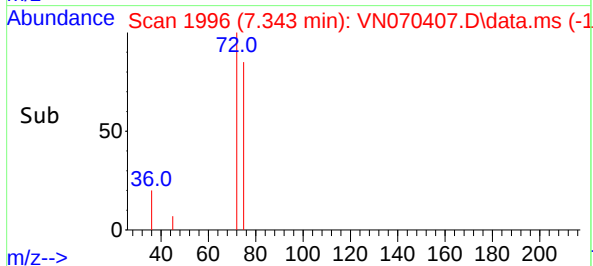
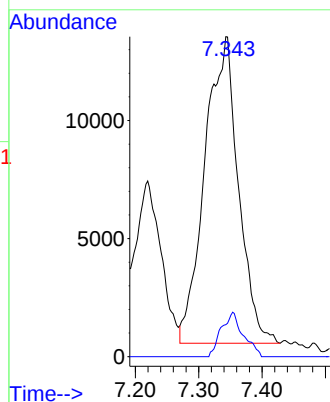
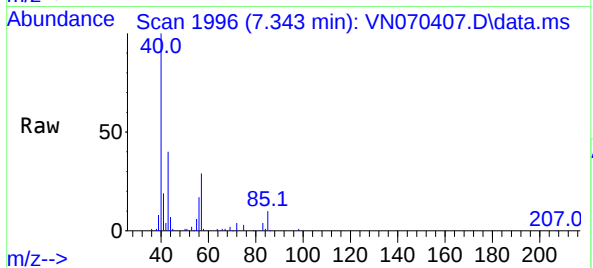




#25
2-Butanone
Concen: 4.551 ug/l
RT: 7.343 min Scan# 1993
Delta R.T. 0.008 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

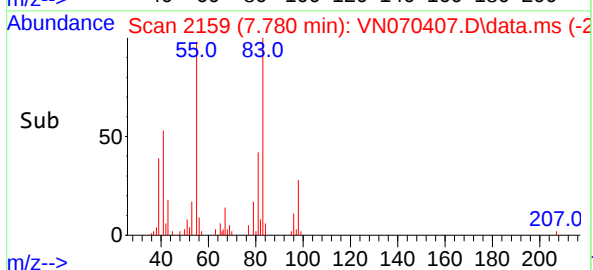
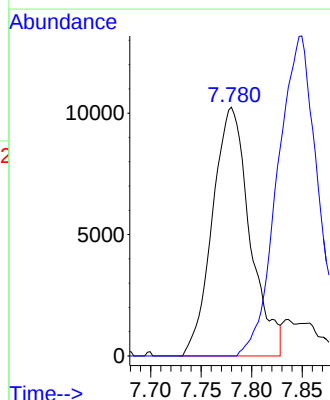
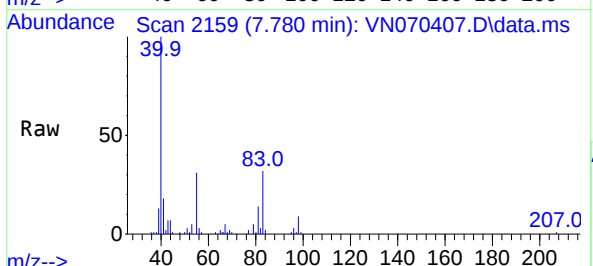
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

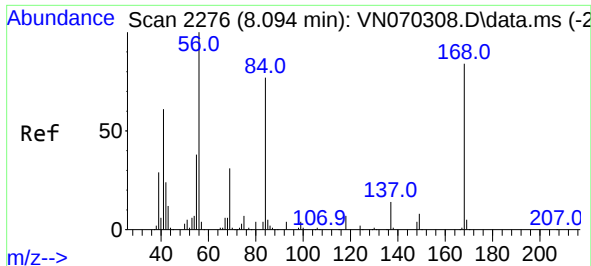
Tgt Ion: 43 Resp: 47792
Ion Ratio Lower Upper
43 100
72 10.4 21.7 32.5#



#30
Chloroform
Concen: 1.316 ug/l
RT: 7.780 min Scan# 2159
Delta R.T. -0.037 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

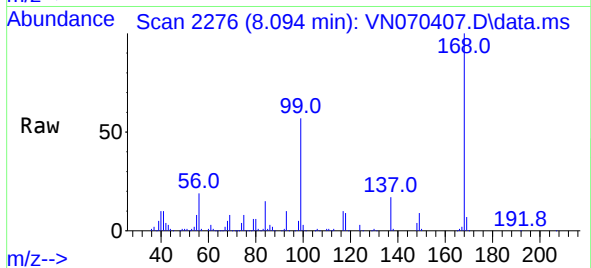
Tgt Ion: 83 Resp: 26447
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



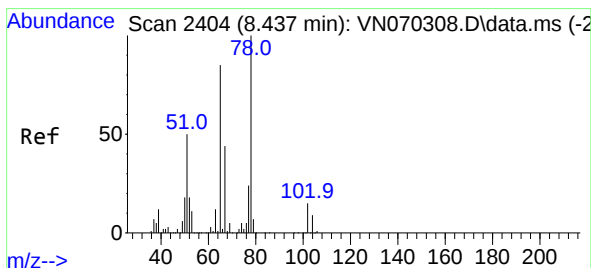
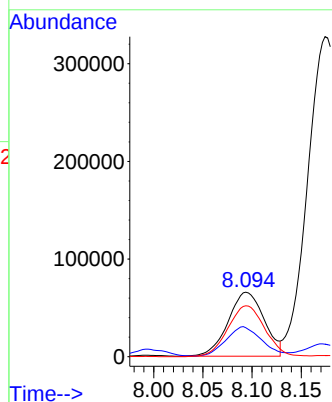
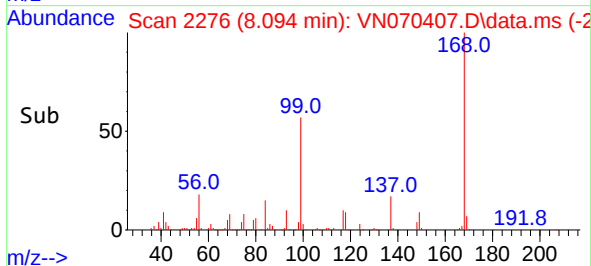


#31
Cyclohexane
Concen: 8.285 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Instrument :
MSVOA_N
ClientSampleId :
DUP122121

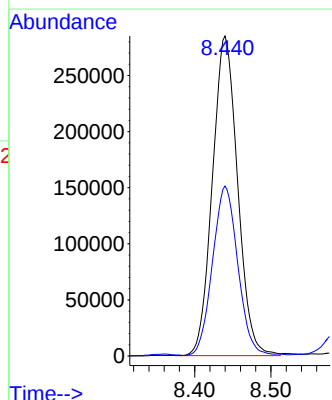
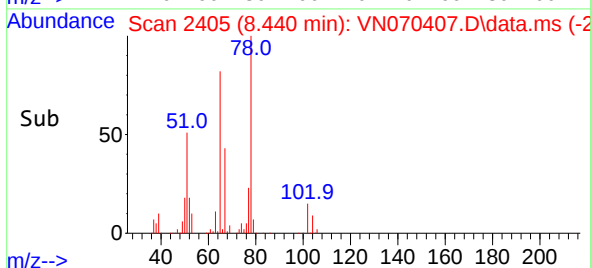
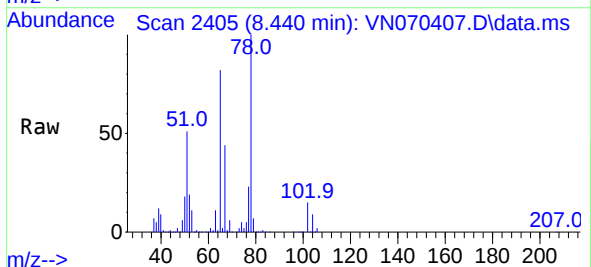


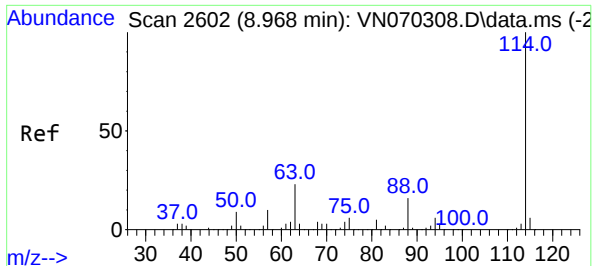
Tgt Ion: 56 Resp: 167978
Ion Ratio Lower Upper
56 100
69 43.0 27.1 40.7#
84 79.5 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 50.904 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 65 Resp: 654007
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070407.D

Acq: 30 Dec 2021 18:32

Instrument :

MSVOA_N

ClientSampleId :

DUP122121

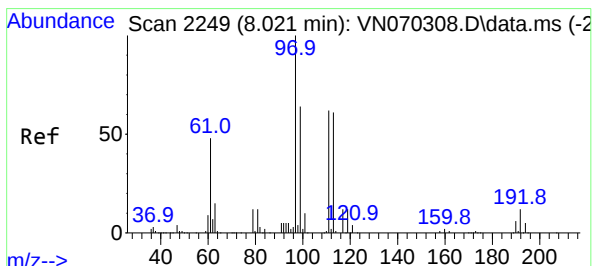
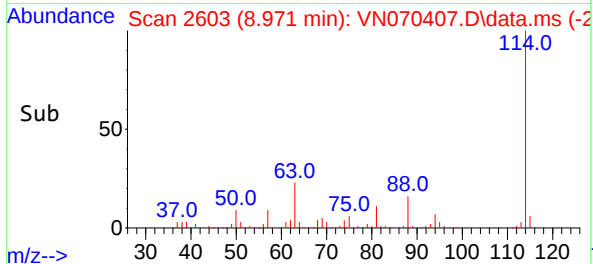
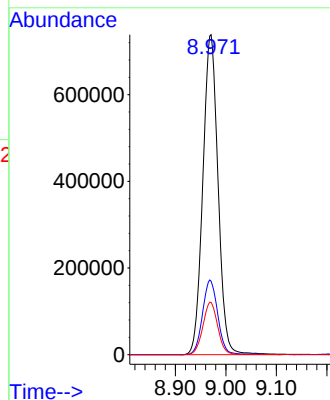
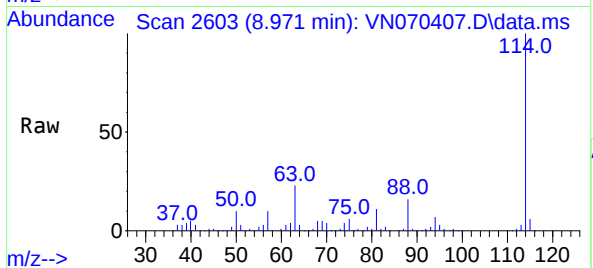
Tgt Ion:114 Resp: 1543846

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.906 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN070407.D

Acq: 30 Dec 2021 18:32

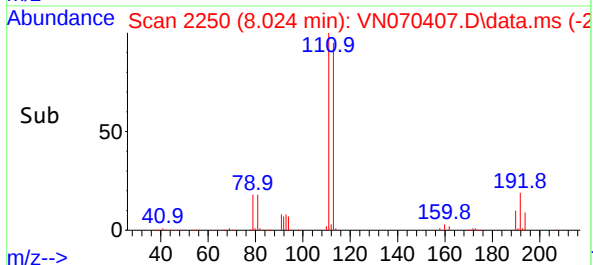
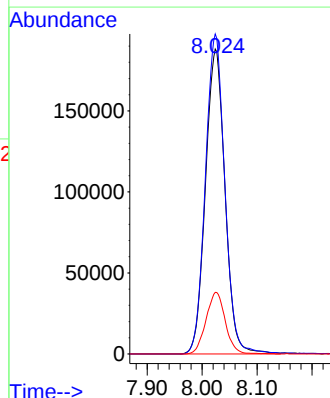
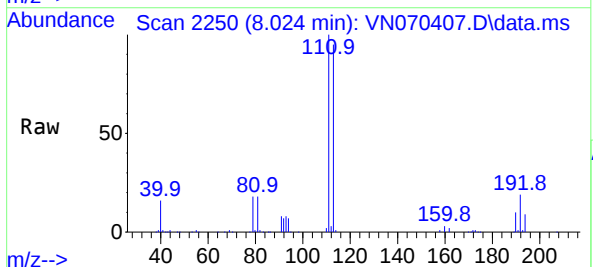
Tgt Ion:113 Resp: 466176

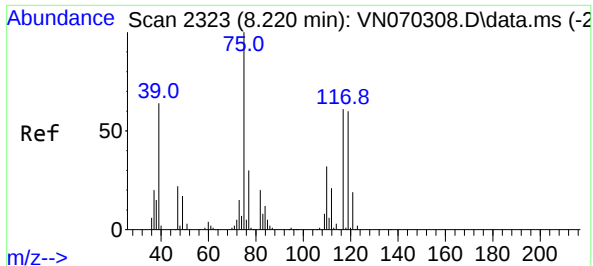
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 19.9 16.9 25.3

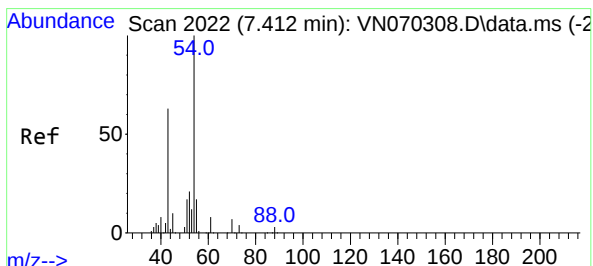
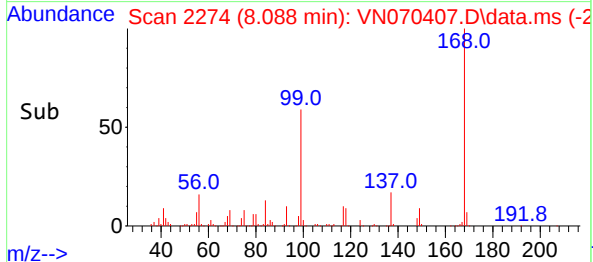
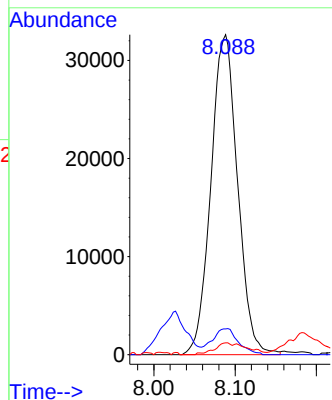
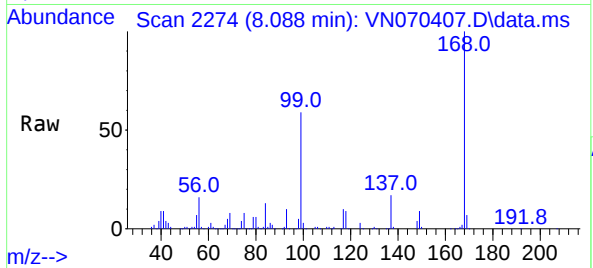




#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.132 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

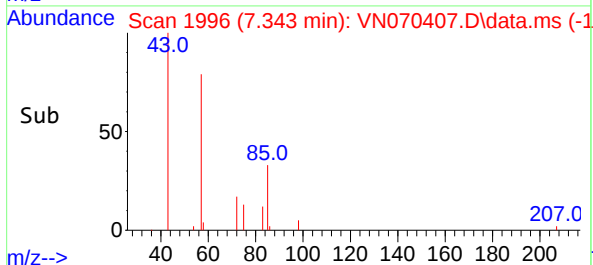
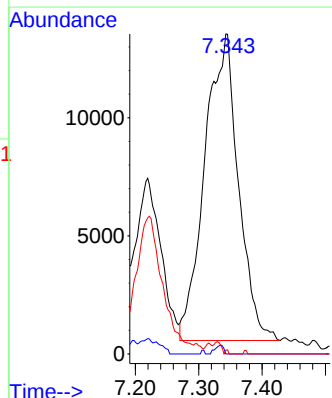
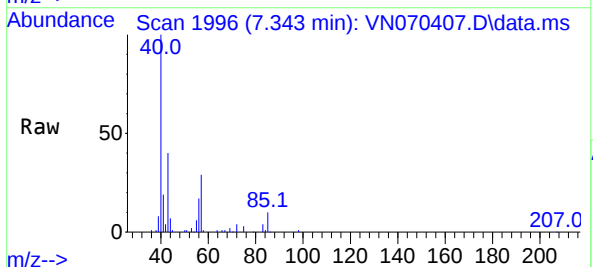
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

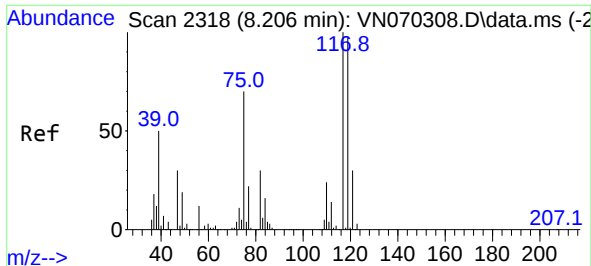
Tgt Ion: 75 Resp: 74470
Ion Ratio Lower Upper
75 100
110 8.0 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.386 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.069 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 43 Resp: 47792
Ion Ratio Lower Upper
43 100
61 0.7 11.5 17.3#
70 0.0 7.9 11.9#

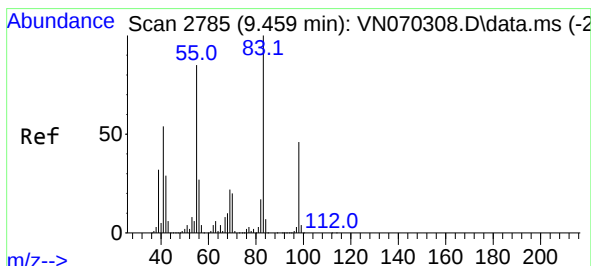
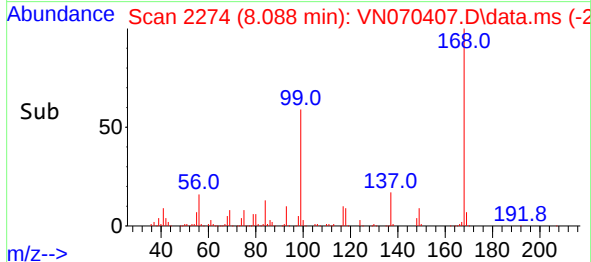
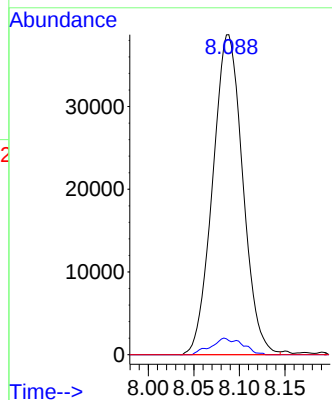
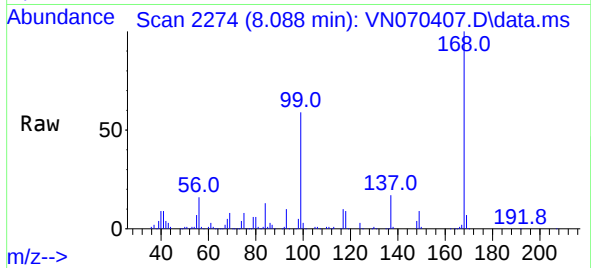




#38
Carbon Tetrachloride
Concen: 6.019 ug/l
RT: 8.088 min Scan# 2117
Delta R.T. -0.118 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

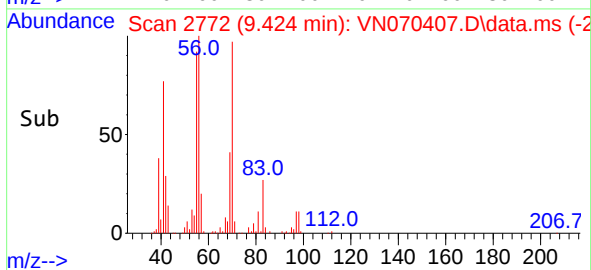
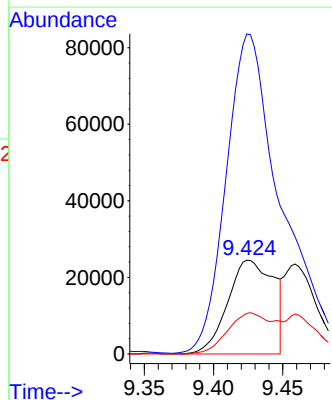
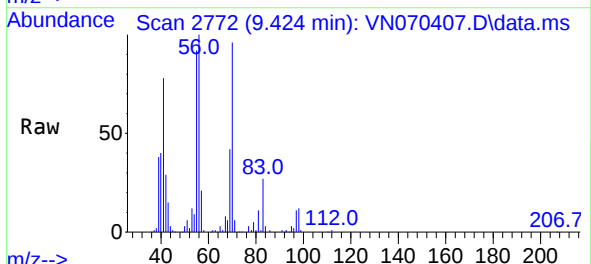
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

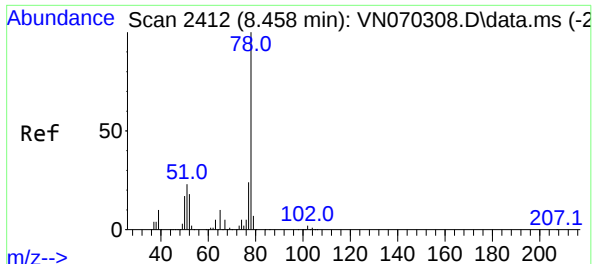
Tgt Ion:117 Resp: 88820
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 3.035 ug/l
RT: 9.424 min Scan# 2772
Delta R.T. -0.035 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 83 Resp: 56779
Ion Ratio Lower Upper
83 100
55 339.9 58.1 87.1#
98 43.3 38.4 57.6

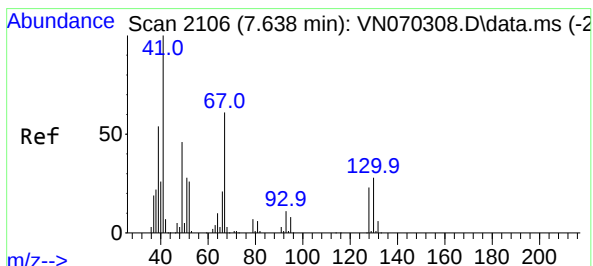
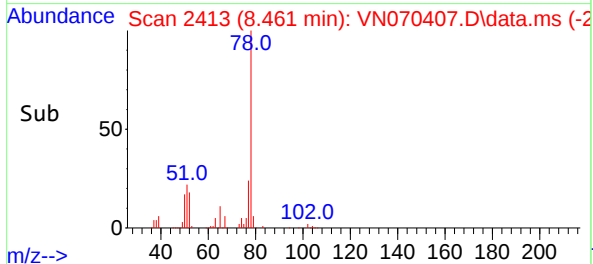
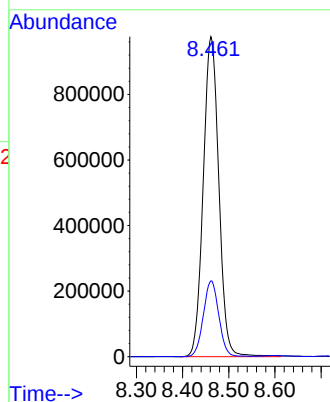
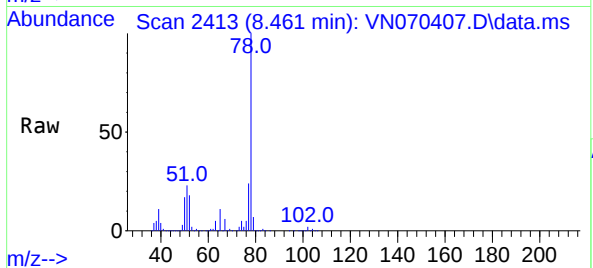




#40
Benzene
Concen: 48.289 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

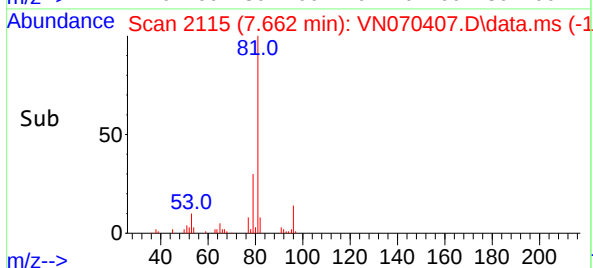
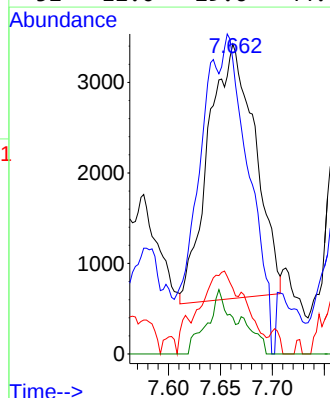
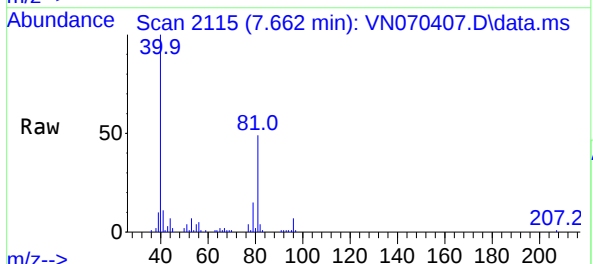
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

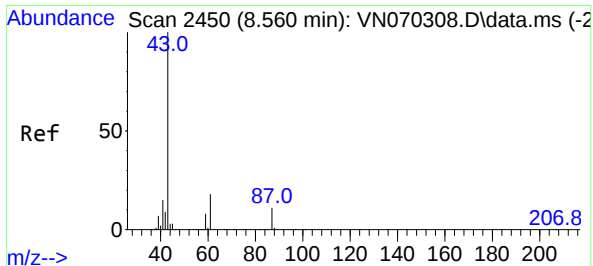
Tgt Ion: 78 Resp: 2287642
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



#41
Methacrylonitrile
Concen: 0.876 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.024 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 41 Resp: 8773
Ion Ratio Lower Upper
41 100
39 38.7 48.1 72.1#
67 0.0 68.3 102.5#
52 12.0 29.6 44.4#

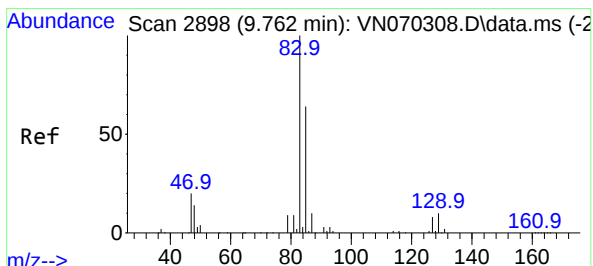
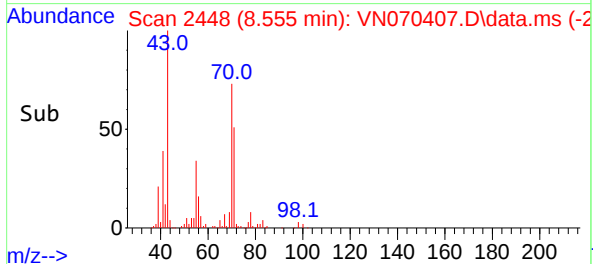
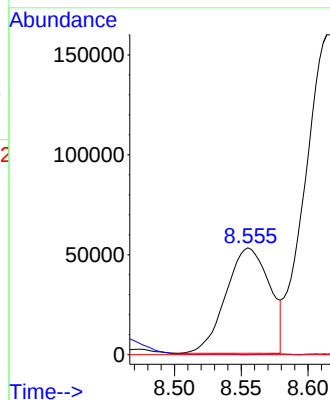
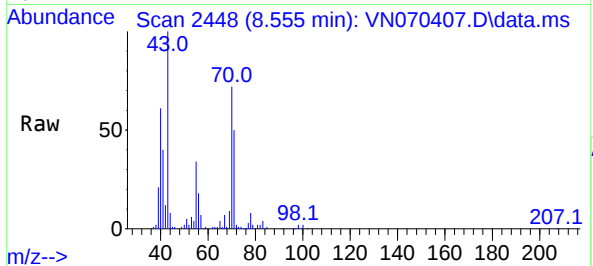




#43
Isopropyl Acetate
Concen: 3.824 ug/l
RT: 8.555 min Scan# 2448
Delta R.T. -0.005 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

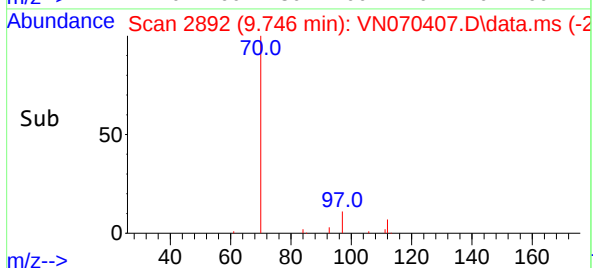
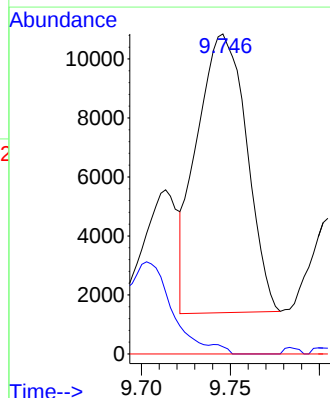
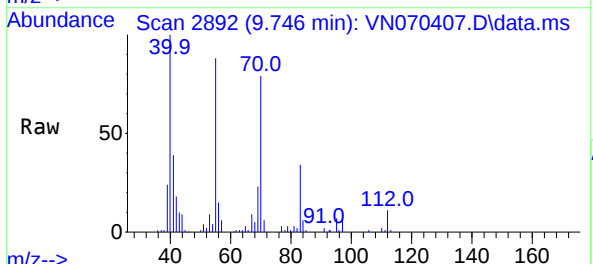
Instrument : MSVOA_N
ClientSampleId : DUP122121

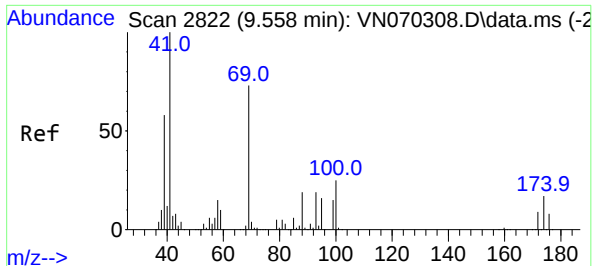
Tgt Ion: 43 Resp: 120753
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 1.161 ug/l
RT: 9.746 min Scan# 2892
Delta R.T. -0.016 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 83 Resp: 18282
Ion Ratio Lower Upper
83 100
85 2.6 50.9 76.3#
127 0.0 7.1 10.7#

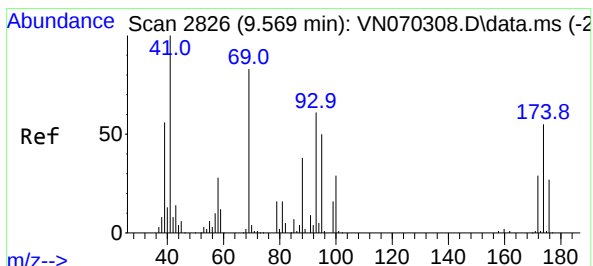
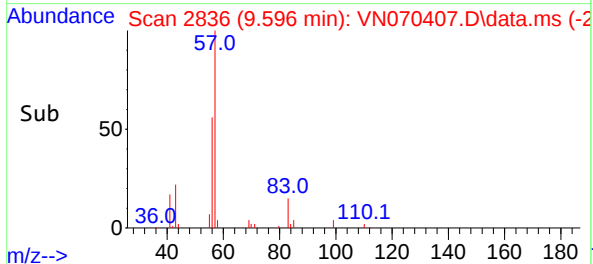
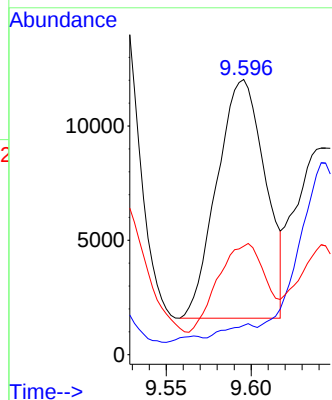
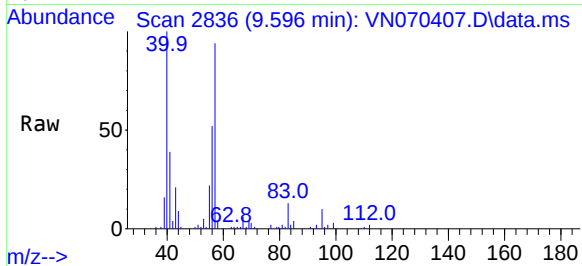




#48
Methyl methacrylate
Concen: 1.370 ug/l
RT: 9.596 min Scan# 21
Delta R.T. 0.038 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

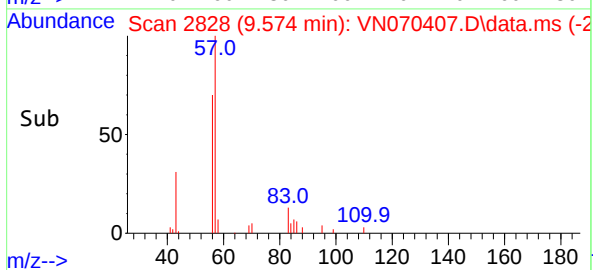
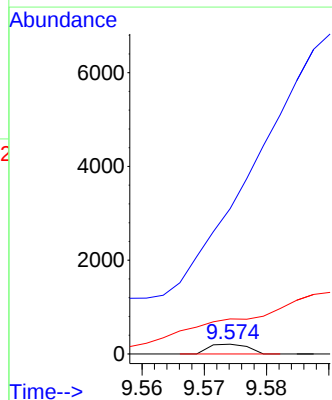
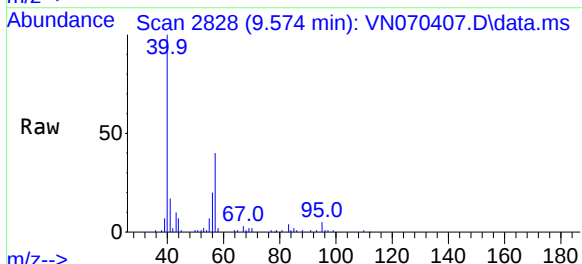
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

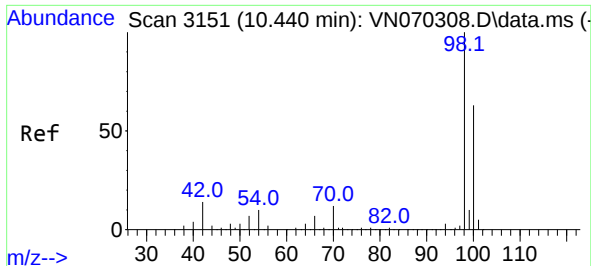
Tgt Ion: 41 Resp: 20640
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 37.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 0.413 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.005 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 88 Resp: 91
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

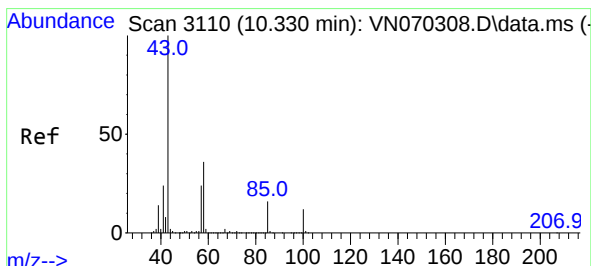
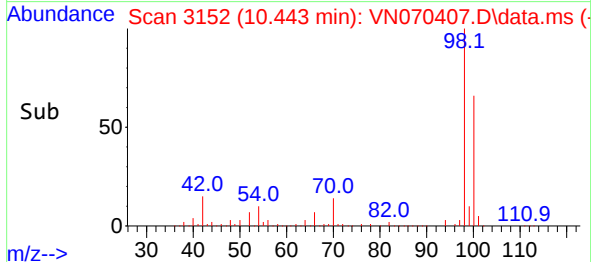
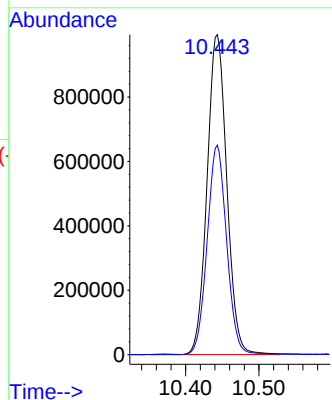
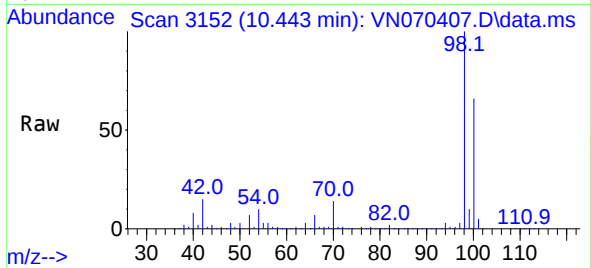




#50
Toluene-d8
Concen: 48.727 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

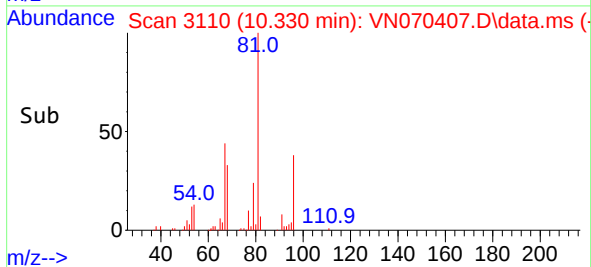
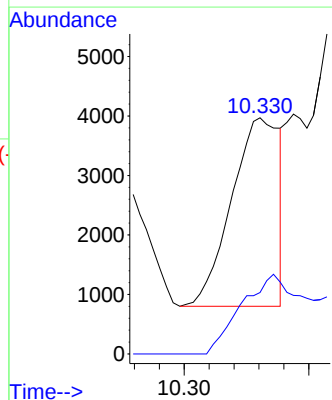
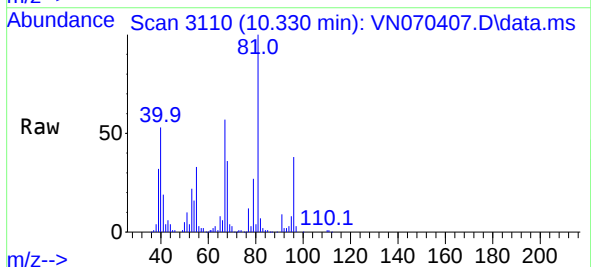
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

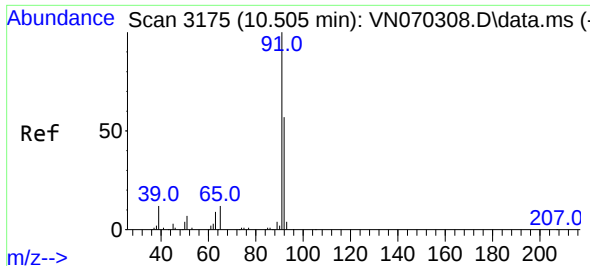
Tgt Ion: 98 Resp: 1859380
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.213 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
58 53.3 30.4 45.6#

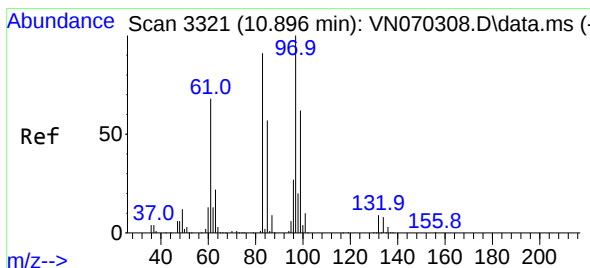
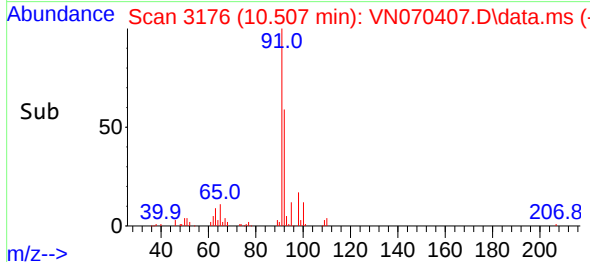
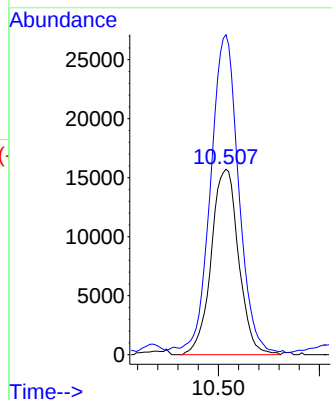
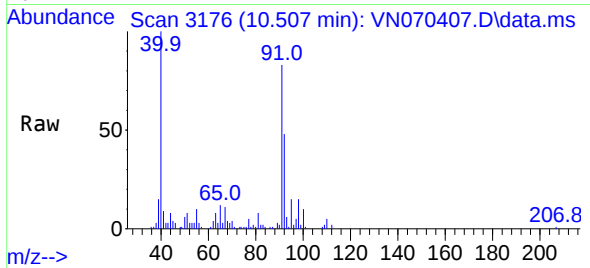




#52
Toluene
Concen: 1.028 ug/l
RT: 10.507 min Scan# 3175
Delta R.T. 0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

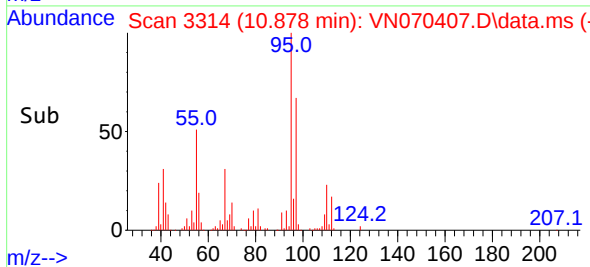
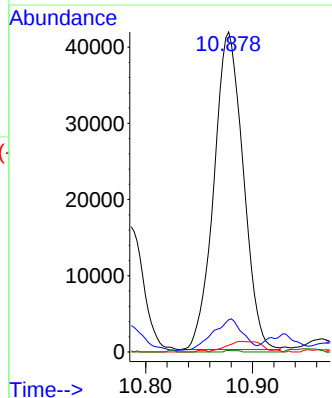
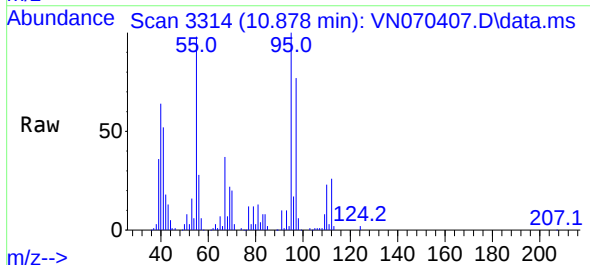
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

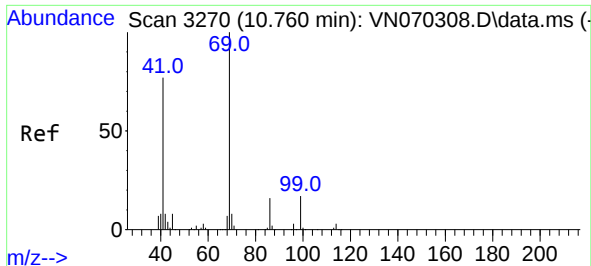
Tgt Ion: 92 Resp: 29481
Ion Ratio Lower Upper
92 100
91 174.4 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 6.986 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.018 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 97 Resp: 79265
Ion Ratio Lower Upper
97 100
83 9.6 67.8 101.6#
85 2.1 45.4 68.2#
99 0.5 49.4 74.0#

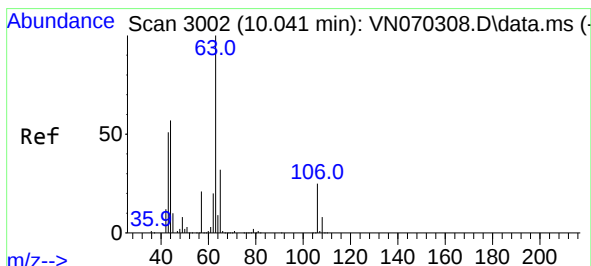
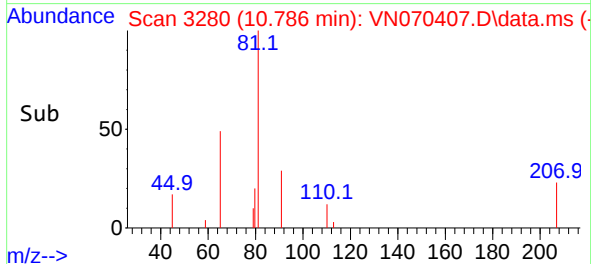
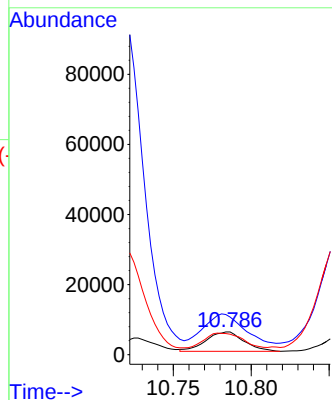
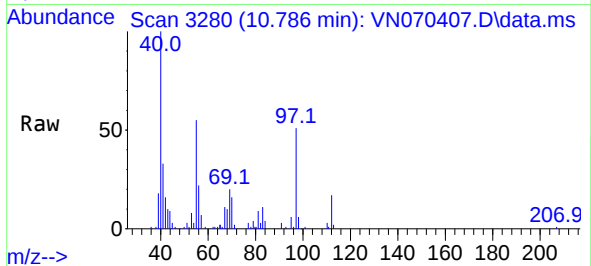




#56
Ethyl methacrylate
Concen: 0.502 ug/l
RT: 10.786 min Scan# 3192
Delta R.T. 0.026 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

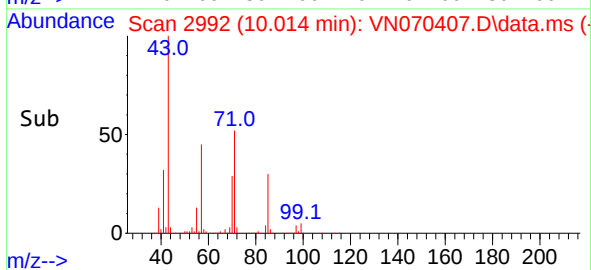
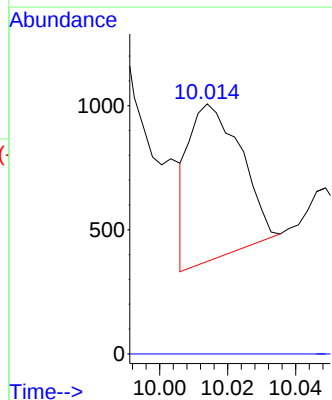
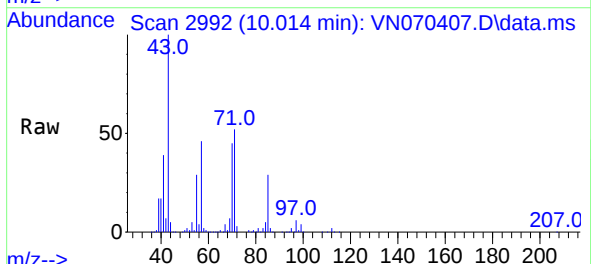
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

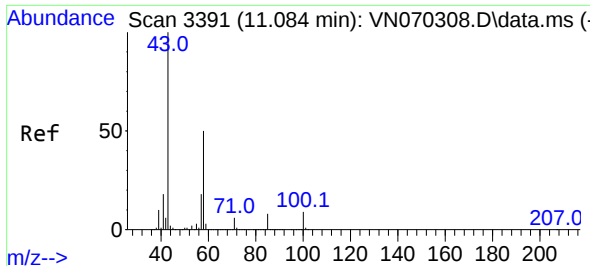
Tgt Ion: 69 Resp: 9419
Ion Ratio Lower Upper
69 100
41 194.2 51.4 77.0#
39 80.3 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.642 ug/l
RT: 10.014 min Scan# 2992
Delta R.T. -0.027 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 63 Resp: 665
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

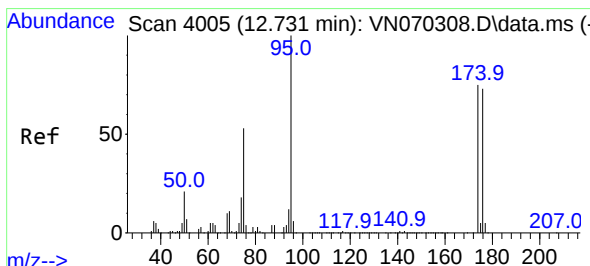
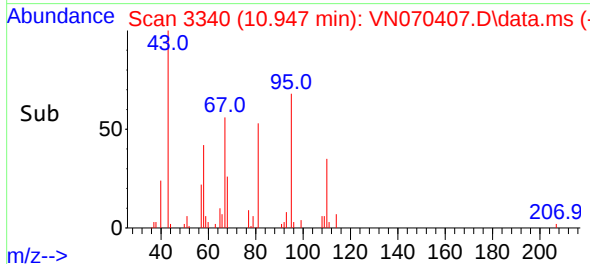
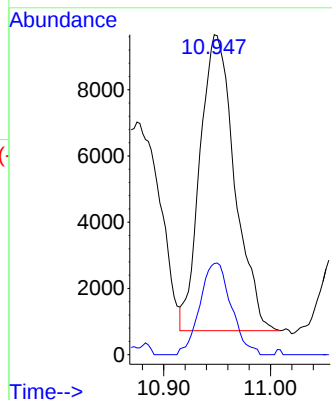
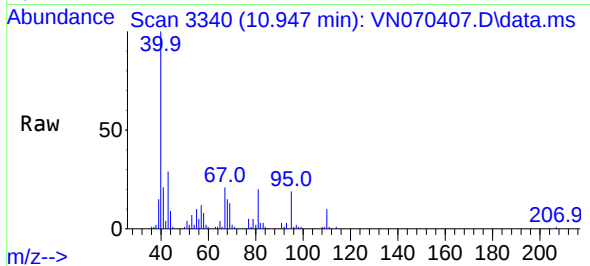




#59
2-Hexanone
Concen: 1.397 ug/l
RT: 10.947 min Scan# 31
Delta R.T. -0.137 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

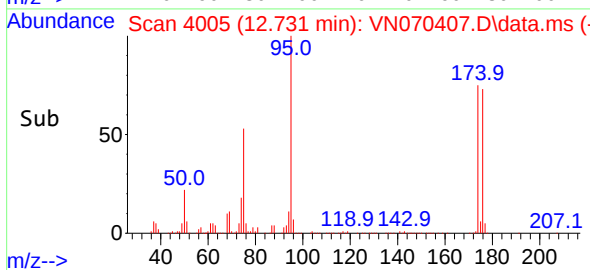
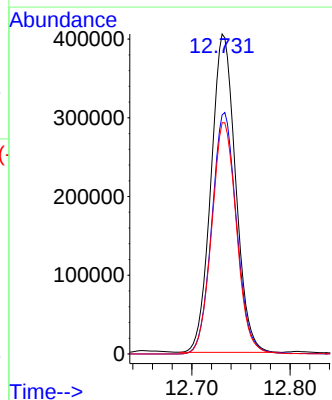
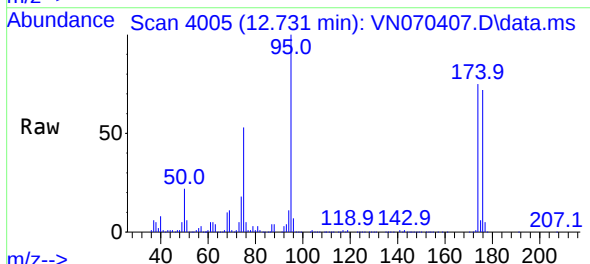
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

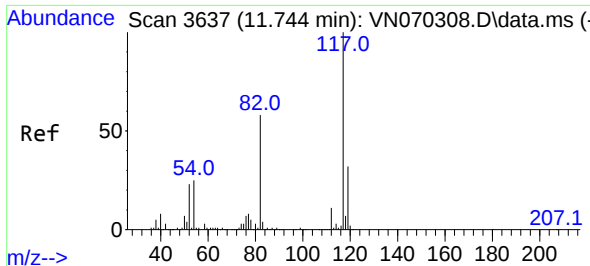
Tgt Ion: 43 Resp: 20214
Ion Ratio Lower Upper
43 100
58 27.8 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 51.058 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 95 Resp: 703690
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.5 0.0 181.4

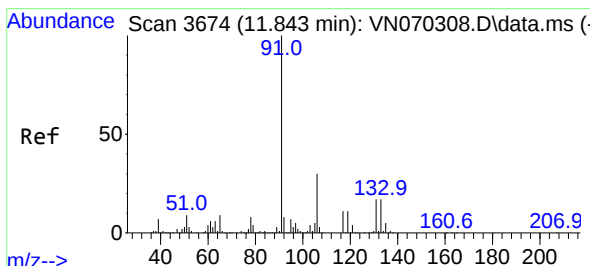
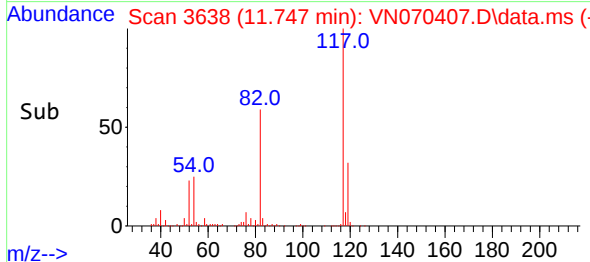
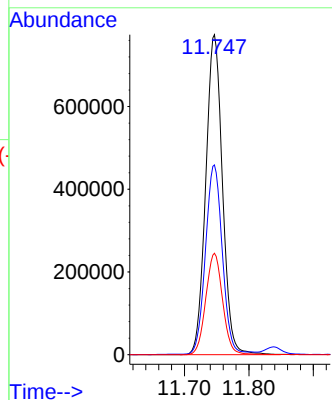
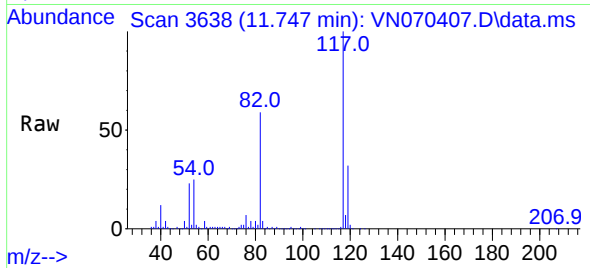




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

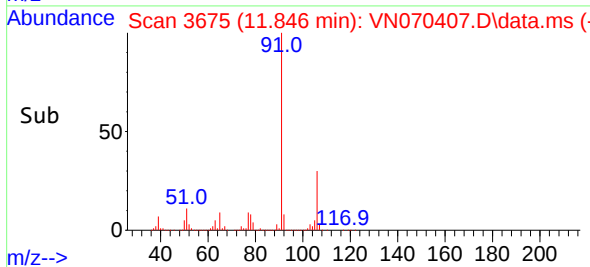
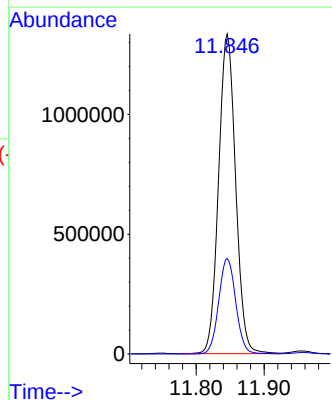
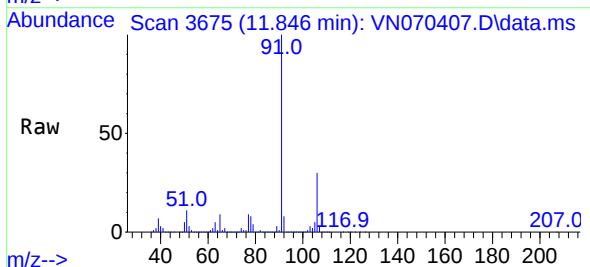
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

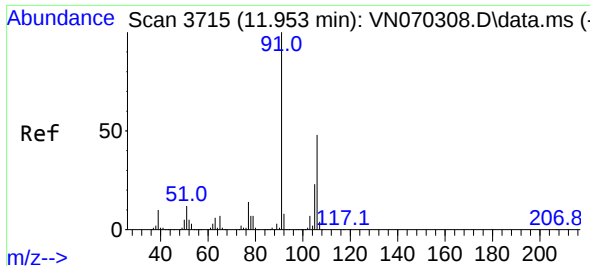
Tgt Ion:117 Resp: 1397693
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.7 25.4 38.2



#67
Ethyl Benzene
Concen: 42.781 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 91 Resp: 2324592
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

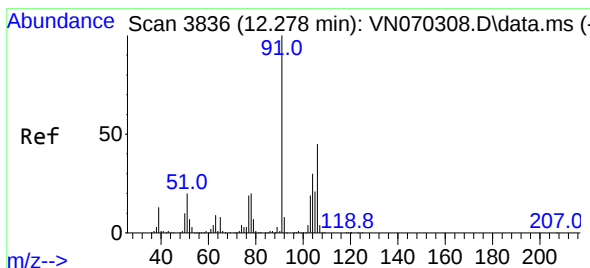
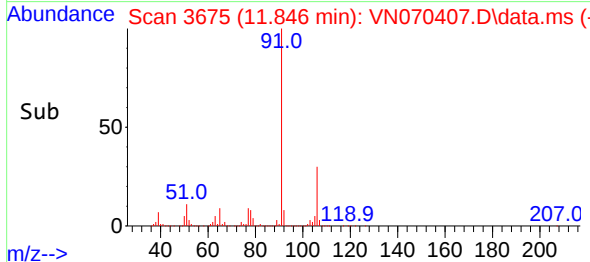
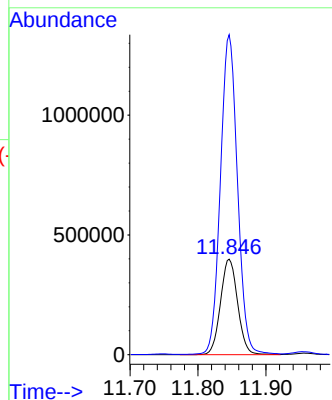
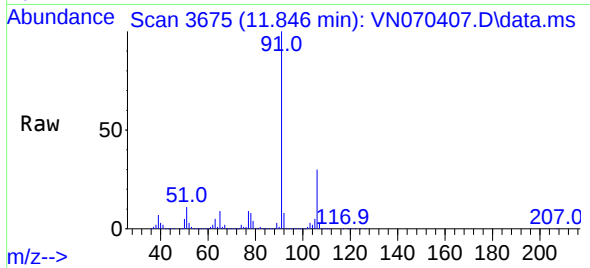




#68
m/p-Xylenes
Concen: 35.258 ug/l
RT: 11.846 min Scan# 30
Delta R.T. -0.107 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

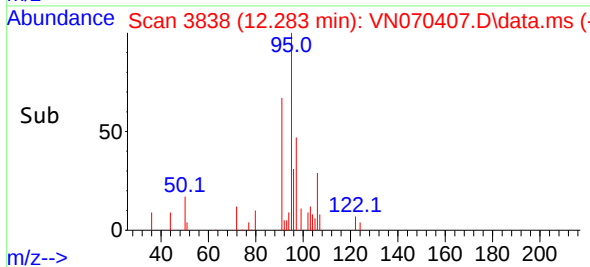
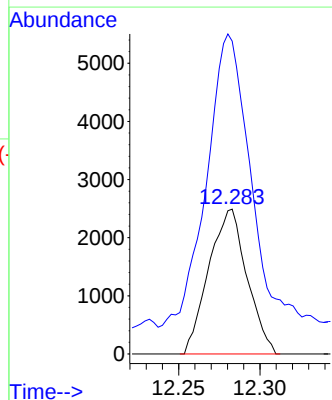
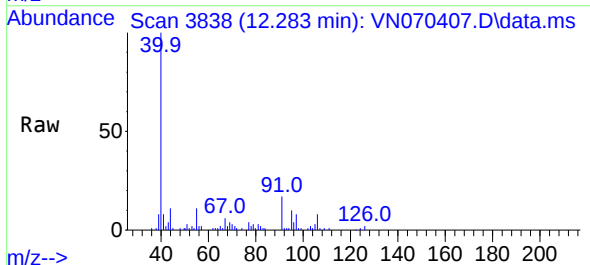
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

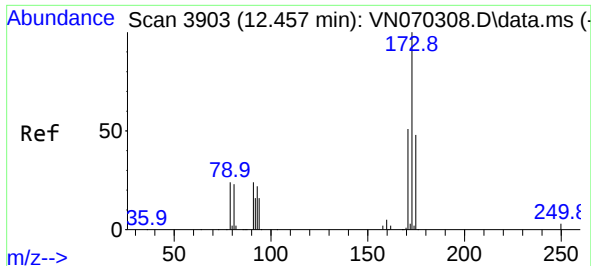
Tgt Ion:106 Resp: 697364
Ion Ratio Lower Upper
106 100
91 333.3 160.6 240.8#



#69
o-Xylene
Concen: 0.207 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.005 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion:106 Resp: 4076
Ion Ratio Lower Upper
106 100
91 234.1 105.8 317.3

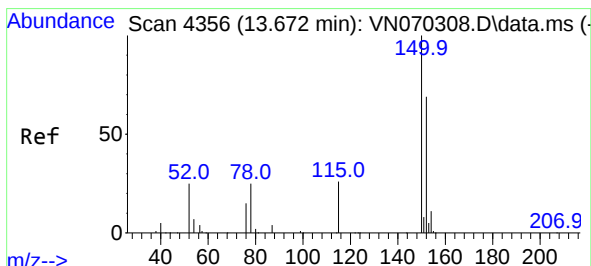
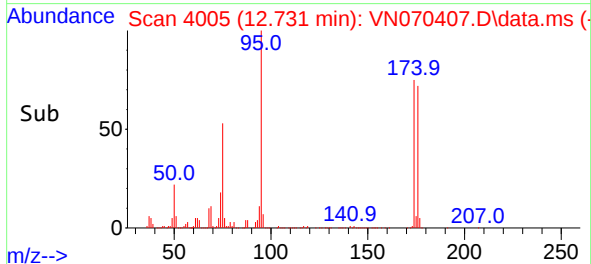
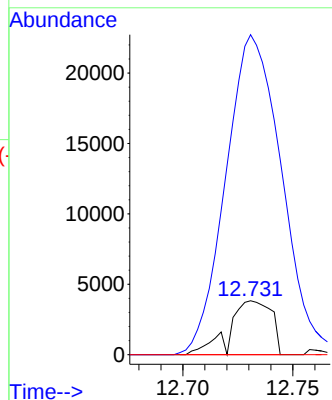
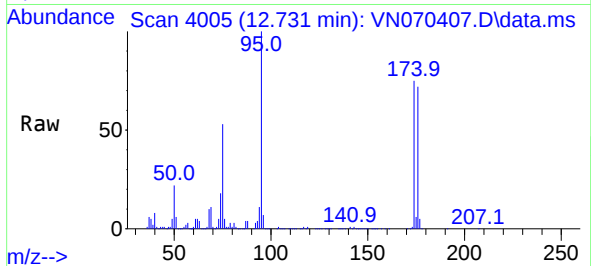




#71
Bromoform
Concen: 0.653 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

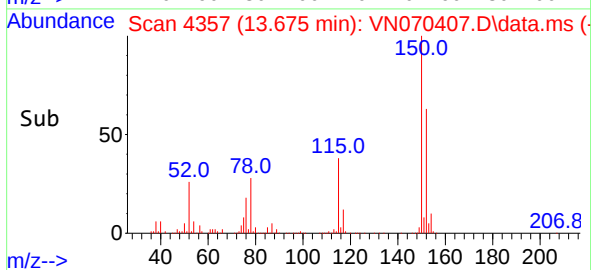
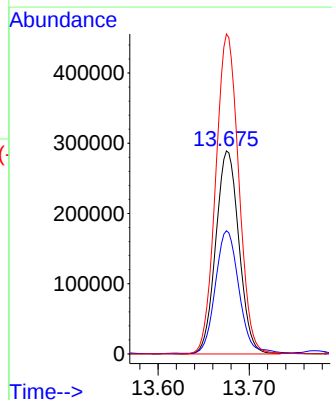
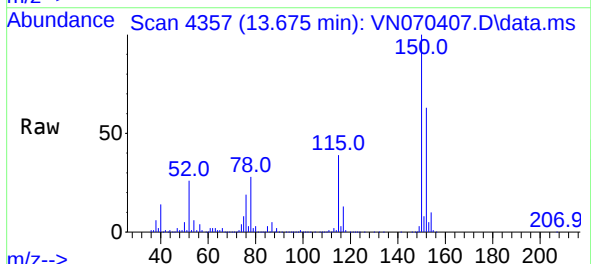
Instrument :
MSVOA_N
ClientSampleId :
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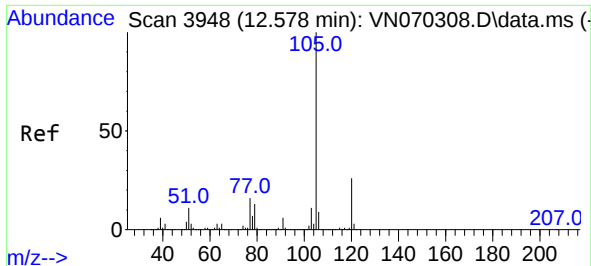
Tgt Ion:173 Resp: 5127
Ion Ratio Lower Upper
173 100
175 707.8 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion:152 Resp: 509967
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 156.7 0.0 344.4

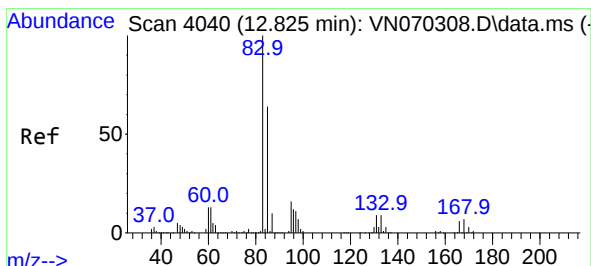
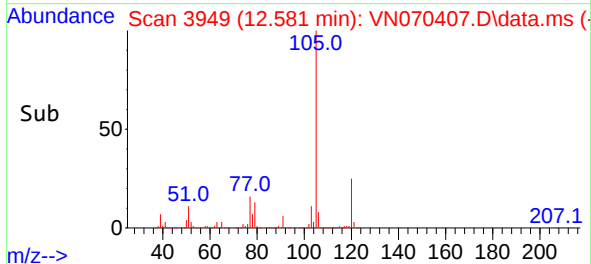
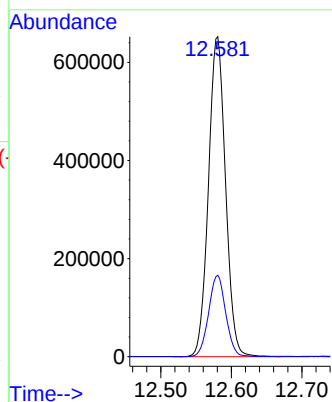
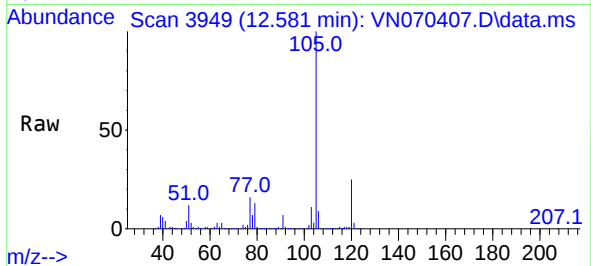




#73
Isopropylbenzene
Concen: 23.170 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

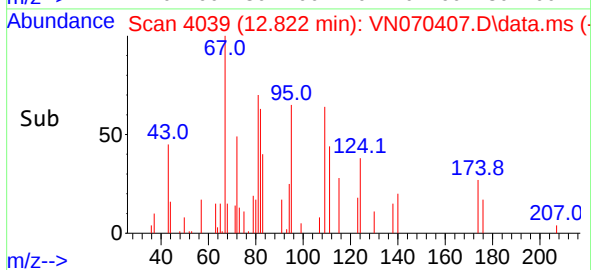
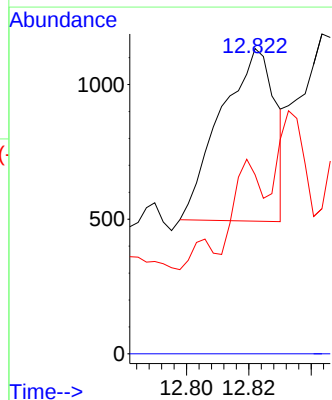
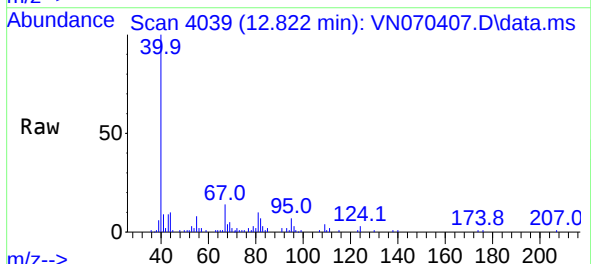
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

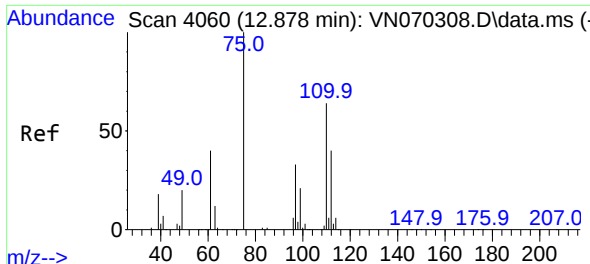
Tgt Ion:105 Resp: 1097280
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#75
1,1,2,2-Tetrachloroethane
Concen: 0.492 ug/l
RT: 12.822 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 83 Resp: 780
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 26.0 32.4 97.2#

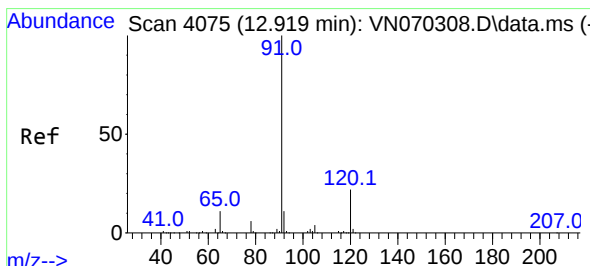
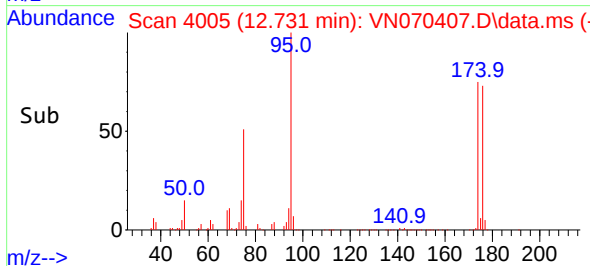
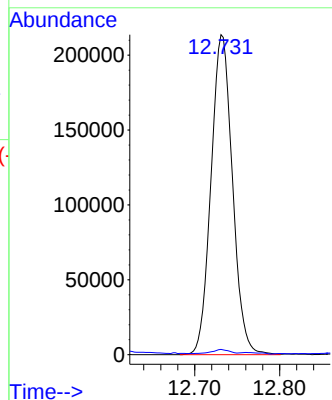
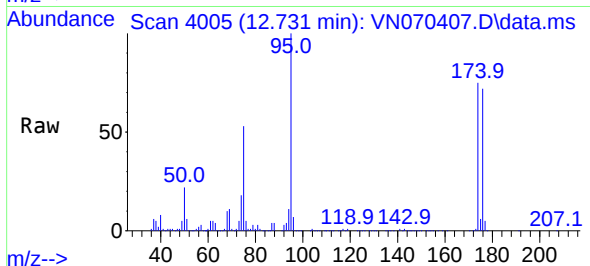




#76
1,2,3-Trichloropropane
Concen: 26.237 ug/l
RT: 12.731 min Scan# 4060
Delta R.T. -0.147 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

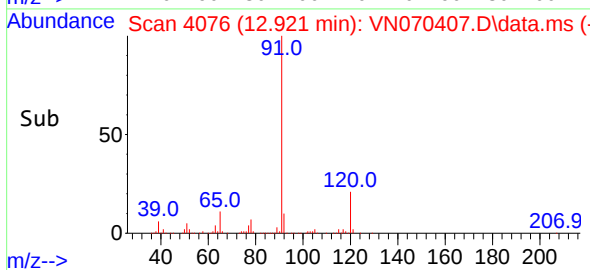
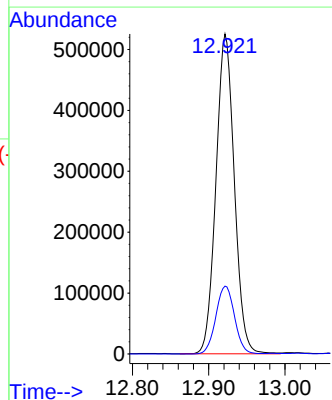
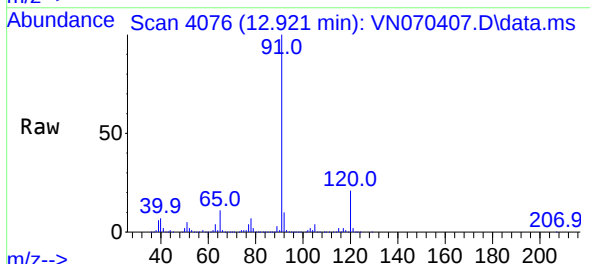
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

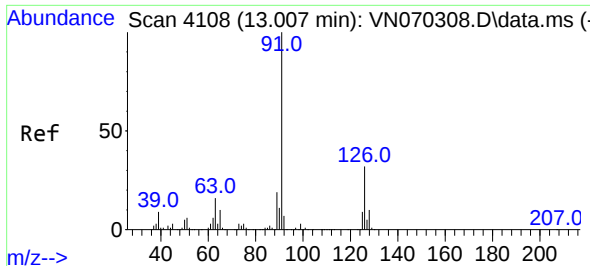
Tgt Ion: 75 Resp: 375371
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#78
n-propylbenzene
Concen: 16.714 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 91 Resp: 876997
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

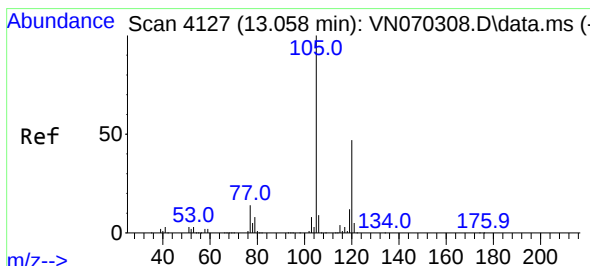
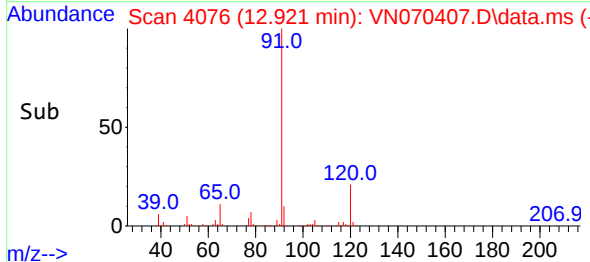
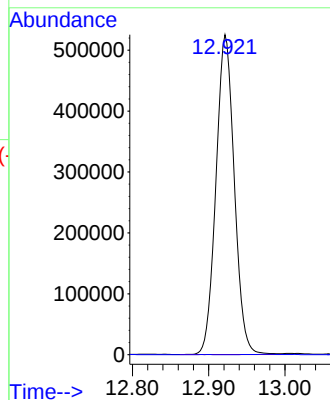
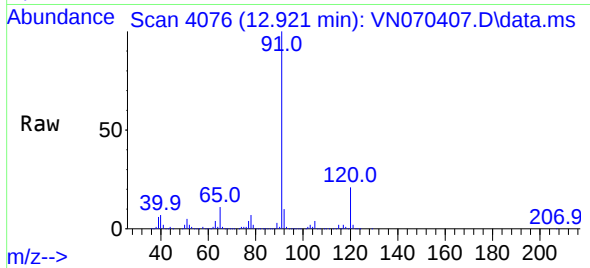




#79
2-Chlorotoluene
Concen: 26.049 ug/l
RT: 12.921 min Scan# 4108
Delta R.T. -0.086 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

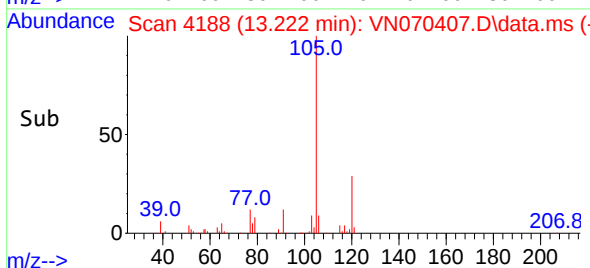
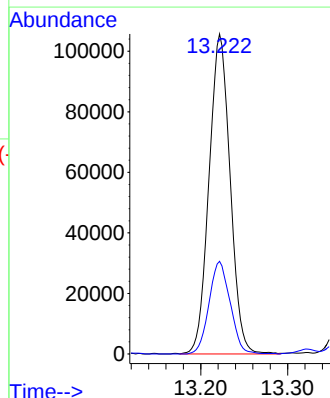
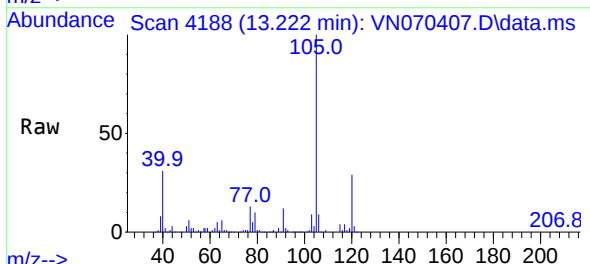
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

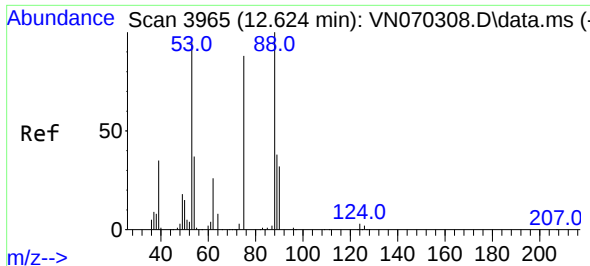
Tgt Ion: 91 Resp: 876997
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 4.695 ug/l
RT: 13.222 min Scan# 4188
Delta R.T. 0.164 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 105 Resp: 178164
Ion Ratio Lower Upper
105 100
120 28.9 24.6 73.6

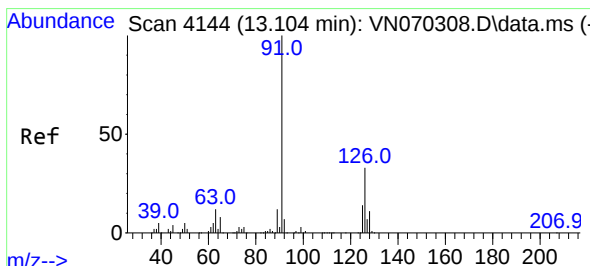
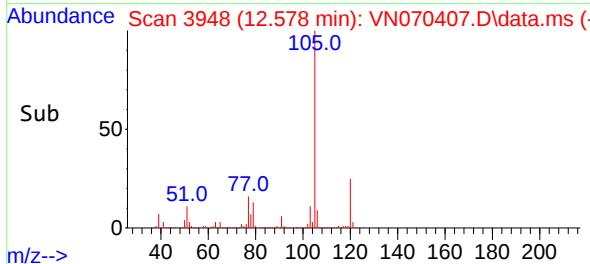
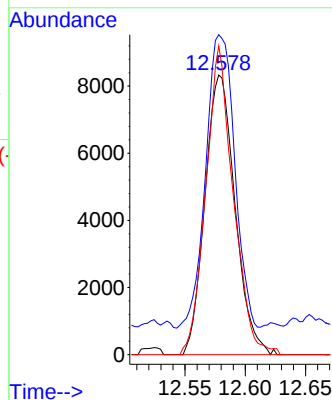
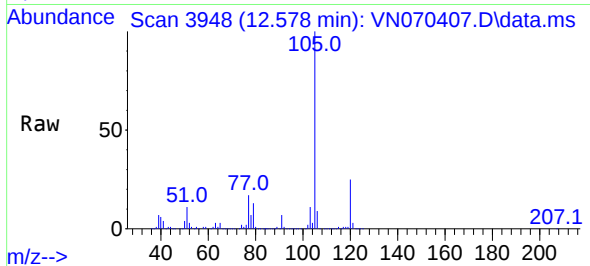




#81
trans-1,4-Dichloro-2-butene
Concen: 3.470 ug/l
RT: 12.578 min Scan# 3965
Delta R.T. -0.046 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

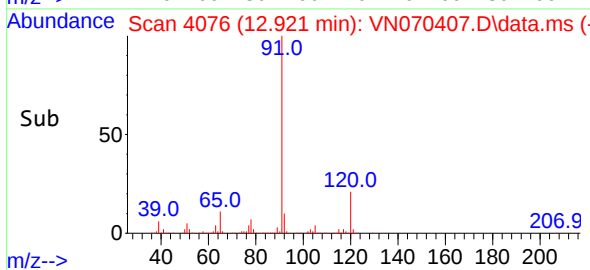
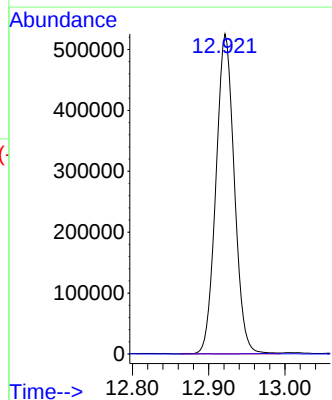
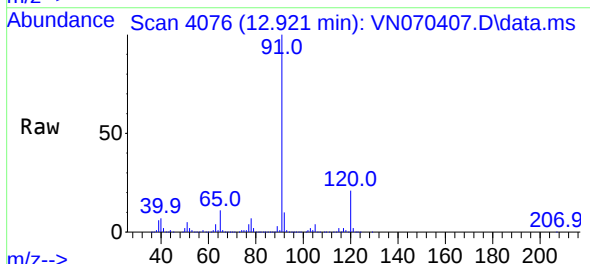
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

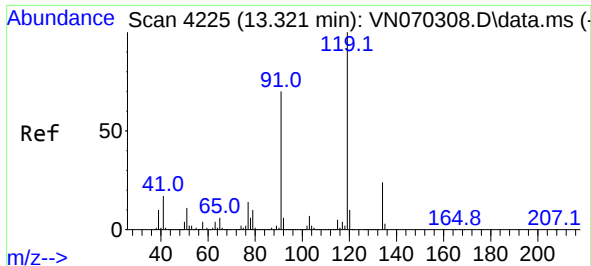
Tgt Ion: 75 Resp: 14484
Ion Ratio Lower Upper
75 100
53 100.4 90.5 135.7
89 100.8 38.2 57.4#



#82
4-Chlorotoluene
Concen: 27.809 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.183 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 91 Resp: 876997
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

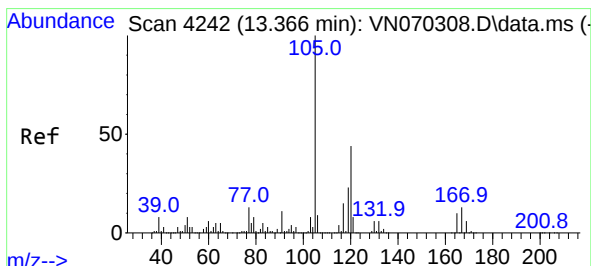
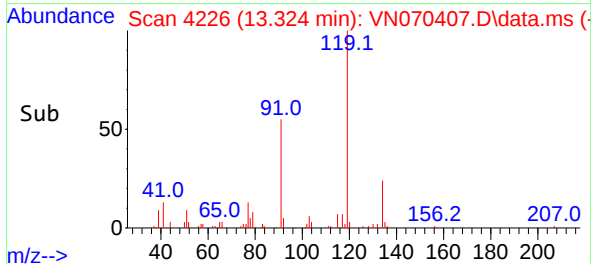
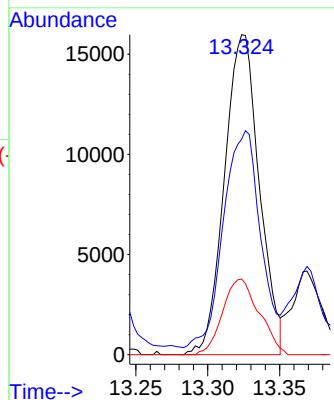
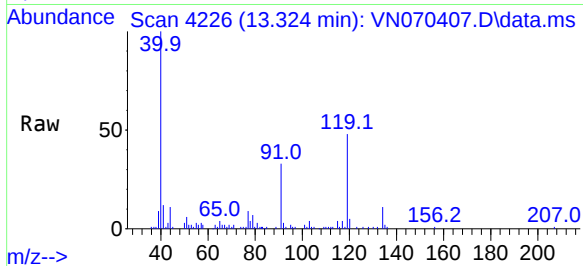




#83
tert-Butylbenzene
Concen: 0.808 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

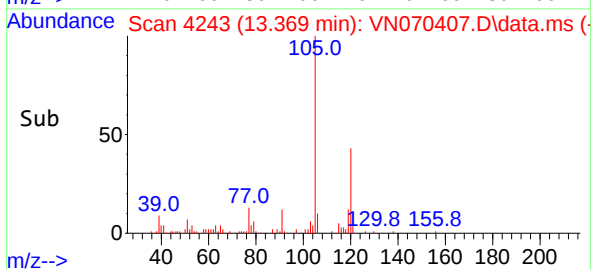
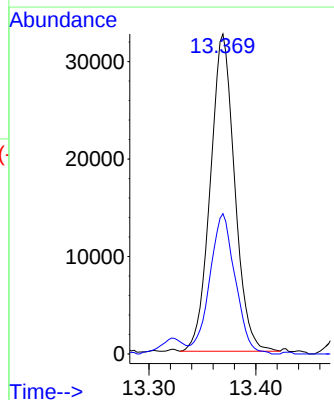
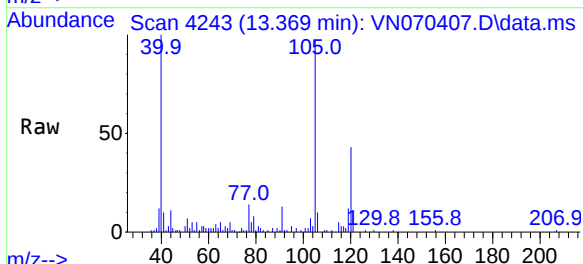
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

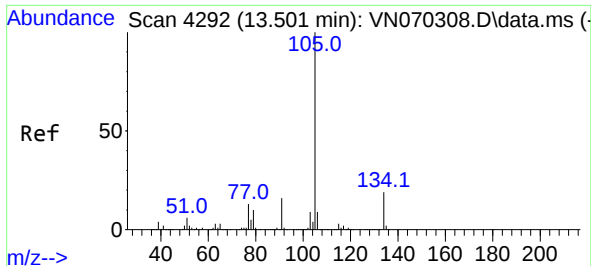
Tgt Ion:119 Resp: 26985
Ion Ratio Lower Upper
119 100
91 71.3 31.5 94.5
134 24.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 1.410 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion:105 Resp: 51523
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.4

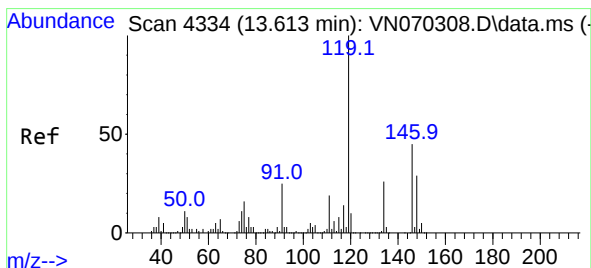
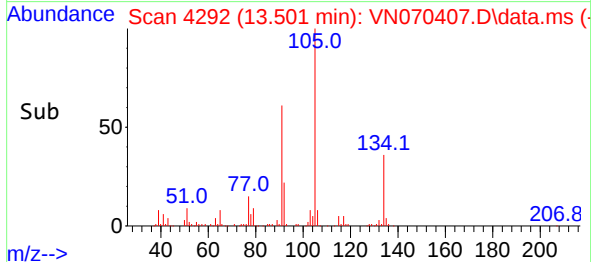
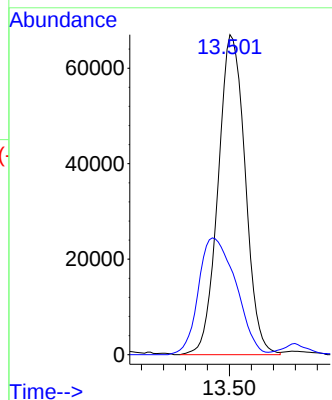
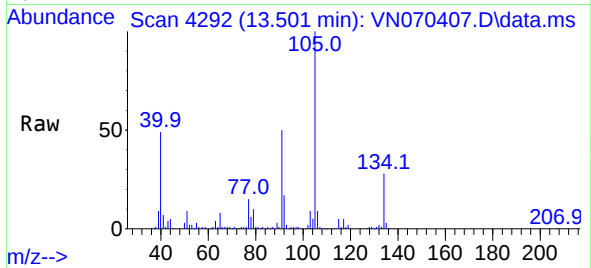




#85
 sec-Butylbenzene
 Concen: 2.526 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070407.D
 Acq: 30 Dec 2021 18:32

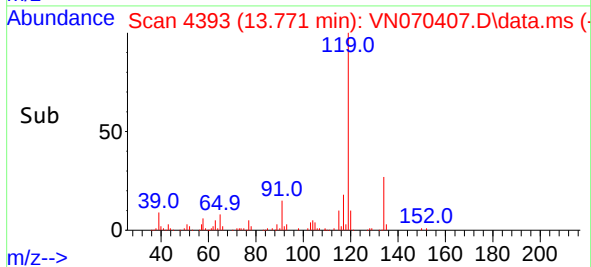
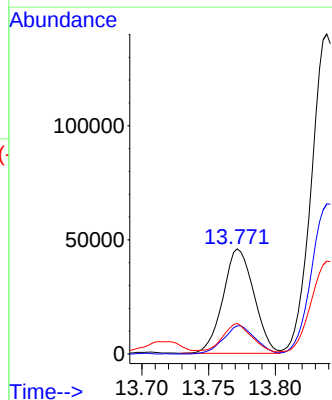
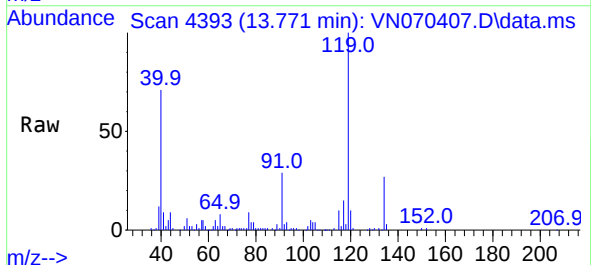
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP122121

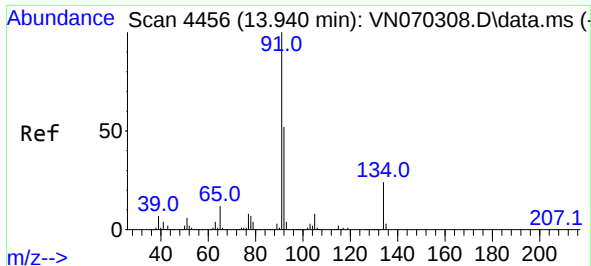
Tgt Ion:105 Resp: 114621
 Ion Ratio Lower Upper
 105 100
 134 50.4 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.069 ug/l
 RT: 13.771 min Scan# 4393
 Delta R.T. 0.158 min
 Lab File: VN070407.D
 Acq: 30 Dec 2021 18:32

Tgt Ion:119 Resp: 73726
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.6 40.7
 91 24.8 11.4 34.1

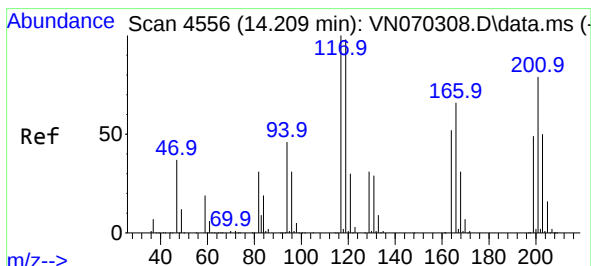
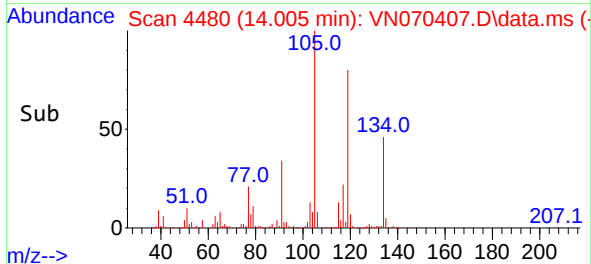
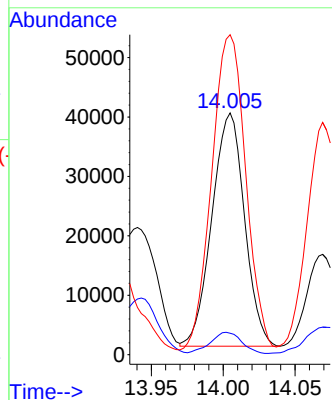
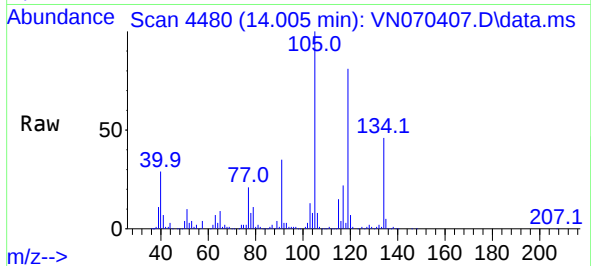




#89
n-Butylbenzene
Concen: 2.082 ug/l
RT: 14.005 min Scan# 4456
Delta R.T. 0.065 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

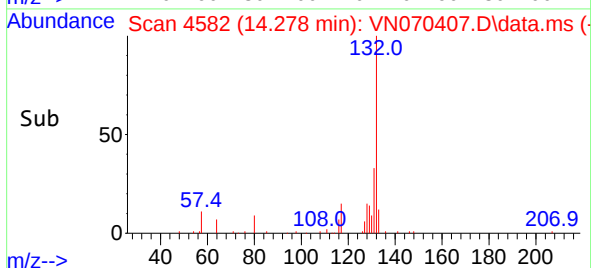
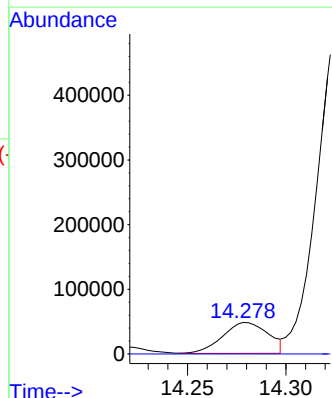
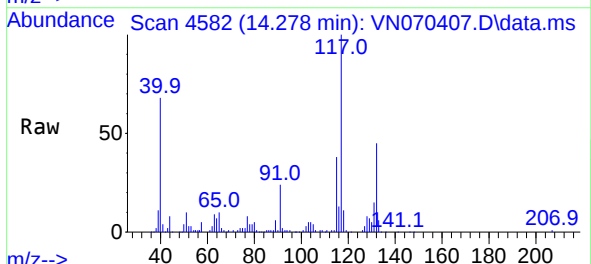
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

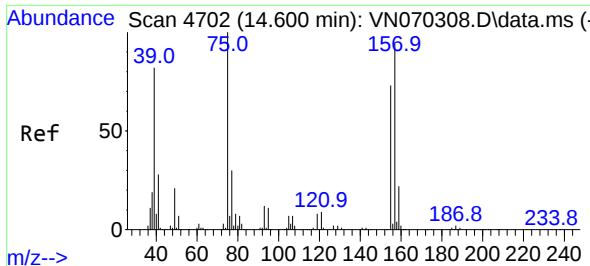
Tgt Ion: 91 Resp: 61884
Ion Ratio Lower Upper
91 100
92 8.5 25.4 76.0#
134 141.3 13.6 40.8#



#90
Hexachloroethane
Concen: 12.537 ug/l
RT: 14.278 min Scan# 4582
Delta R.T. 0.069 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 117 Resp: 77621
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

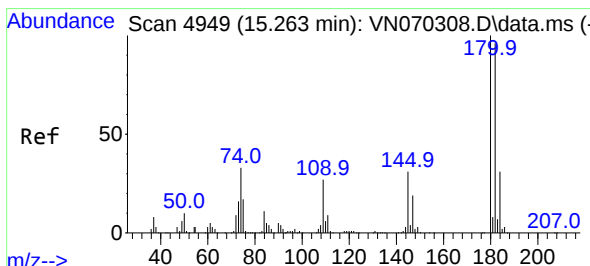
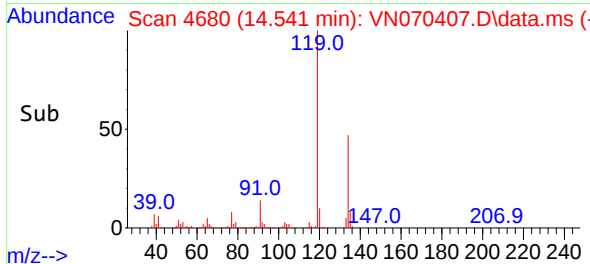
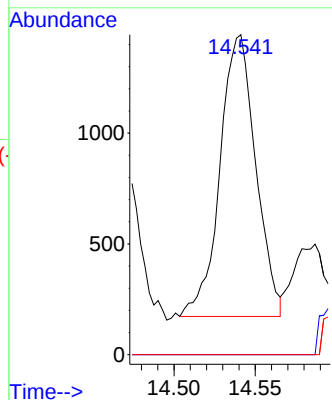
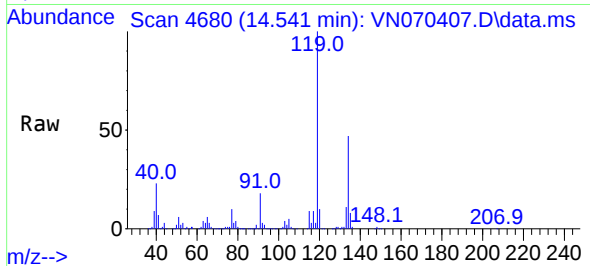




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.710 ug/l
RT: 14.541 min Scan# 41
Delta R.T. -0.059 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

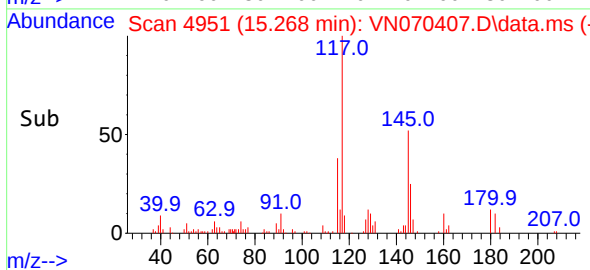
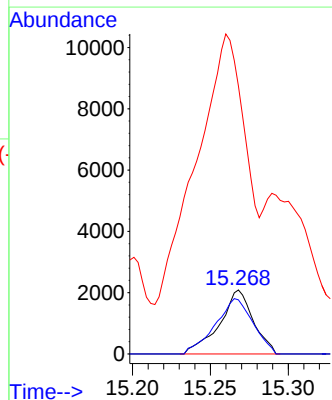
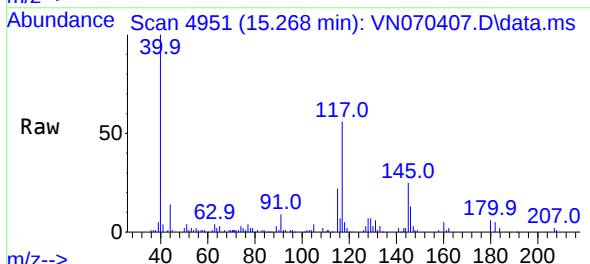
Instrument :
MSVOA_N
ClientSampleId :
DUP122121

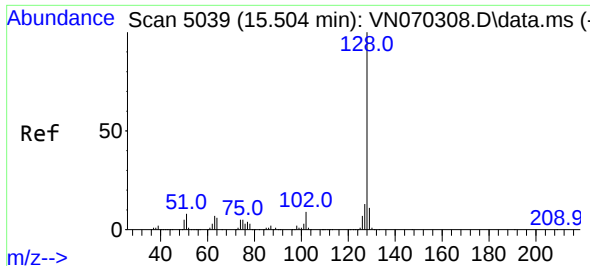
Tgt Ion: 75 Resp: 1947
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.374 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.005 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion:180 Resp: 3141
Ion Ratio Lower Upper
180 100
182 96.5 48.3 144.9
145 614.9 14.5 43.5#

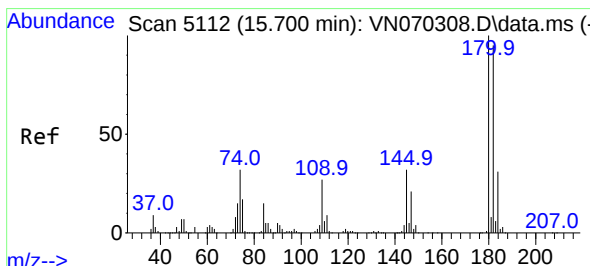
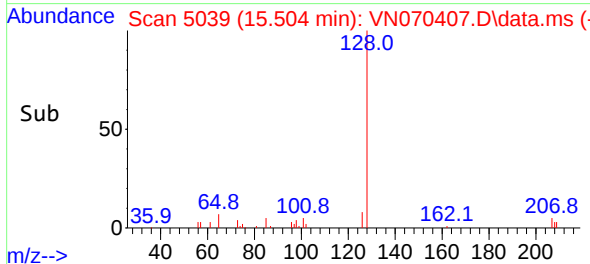
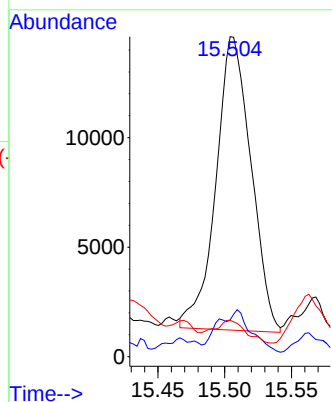
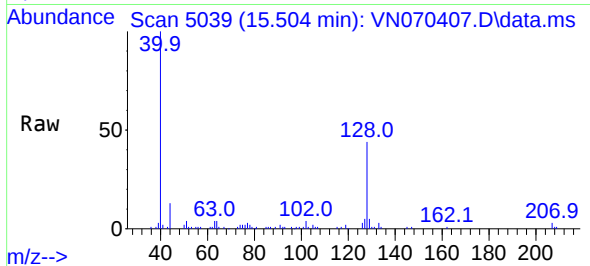




#95
Naphthalene
Concen: 2.813 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Instrument :
MSVOA_N
ClientSampleId :
DUP122121

Tgt Ion:128 Resp: 24478
Ion Ratio Lower Upper
128 100
127 16.6 10.5 15.7#
129 5.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.270 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion:180 Resp: 3632
Ion Ratio Lower Upper
180 100
182 97.2 47.4 142.2
145 0.0 15.0 45.1#

