

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070146.D
 Acq On : 16 Dec 2021 18:48
 Operator : JC/MD
 Sample : M5011-06
 Misc : 2.37g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 19:08:48 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	8.080	168	1215653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2296970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2456558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1271430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	962547	51.282	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.560%	
35) Dibromofluoromethane	8.019	113	624674	43.417	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 86.840%	
50) Toluene-d8	10.440	98	2928054	50.683	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.734	95	1312588	62.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 125.440%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.296	59	36043	10.159	ug/l #	71
16) Acetone	4.315	43	16338	1.447	ug/l	92
18) Methyl Acetate	4.862	43	10050	0.295	ug/l #	68
20) Methylene Chloride	5.058	84	7592	0.506	ug/l #	94
25) 2-Butanone	7.356	43	161974	10.558	ug/l	92
29) Tetrahydrofuran	7.705	42	11268	1.210	ug/l #	71
31) Cyclohexane	8.062	56	109208	4.181	ug/l #	60
36) 1,1-Dichloropropene	8.078	75	100178	4.581	ug/l #	49
37) Ethyl Acetate	7.356	43	161974	4.977	ug/l #	68
38) Carbon Tetrachloride	8.078	117	122211	5.699	ug/l #	16
39) Methylcyclohexane	9.456	83	90399	3.476	ug/l #	55
43) Isopropyl Acetate	8.544	43	23761	0.493	ug/l #	55
47) Bromodichloromethane	9.743	83	21770	0.977	ug/l #	25
48) Methyl methacrylate	9.588	41	34441	1.532	ug/l #	30
51) 4-Methyl-2-Pentanone	10.368	43	179182	5.735	ug/l #	78
53) t-1,3-Dichloropropene	10.639	75	57	2.796	ug/l #	64
54) cis-1,3-Dichloropropene	10.191	75	54	2.001	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	51325	3.117	ug/l #	33
56) Ethyl methacrylate	10.730	69	6157	2.468	ug/l #	34
58) 2-Chloroethyl Vinyl ether	10.054	63	419	18.435	ug/l #	45
59) 2-Hexanone	11.052	43	107150	4.534	ug/l #	29
60) Dibromochloromethane	11.183	129	54	2.379	ug/l #	11
67) Ethyl Benzene	11.846	91	29903	0.330	ug/l	97
68) m/p-Xylenes	11.956	106	32131	0.975	ug/l	84
71) Bromoform	12.717	173	702	2.775	ug/l #	29
73) Isopropylbenzene	12.581	105	54313	0.480	ug/l	99
74) N-amyl acetate	12.369	43	116006	2.319	ug/l #	64
76) 1,2,3-Trichloropropane	12.734	75	717206	19.670	ug/l #	1
78) n-propylbenzene	12.921	91	421406	3.348	ug/l	95
79) 2-Chlorotoluene	12.983	91	89863	1.130	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.061	105	823429	9.044	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.734	75	717206	63.210	ug/l #	5
82) 4-Chlorotoluene	13.061	91	88082	1.178	ug/l #	42
83) tert-Butylbenzene	13.369	119	355663	4.411	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.369	105	2963428	34.176	ug/l	97
85) sec-Butylbenzene	13.503	105	114821	1.050	ug/l #	59

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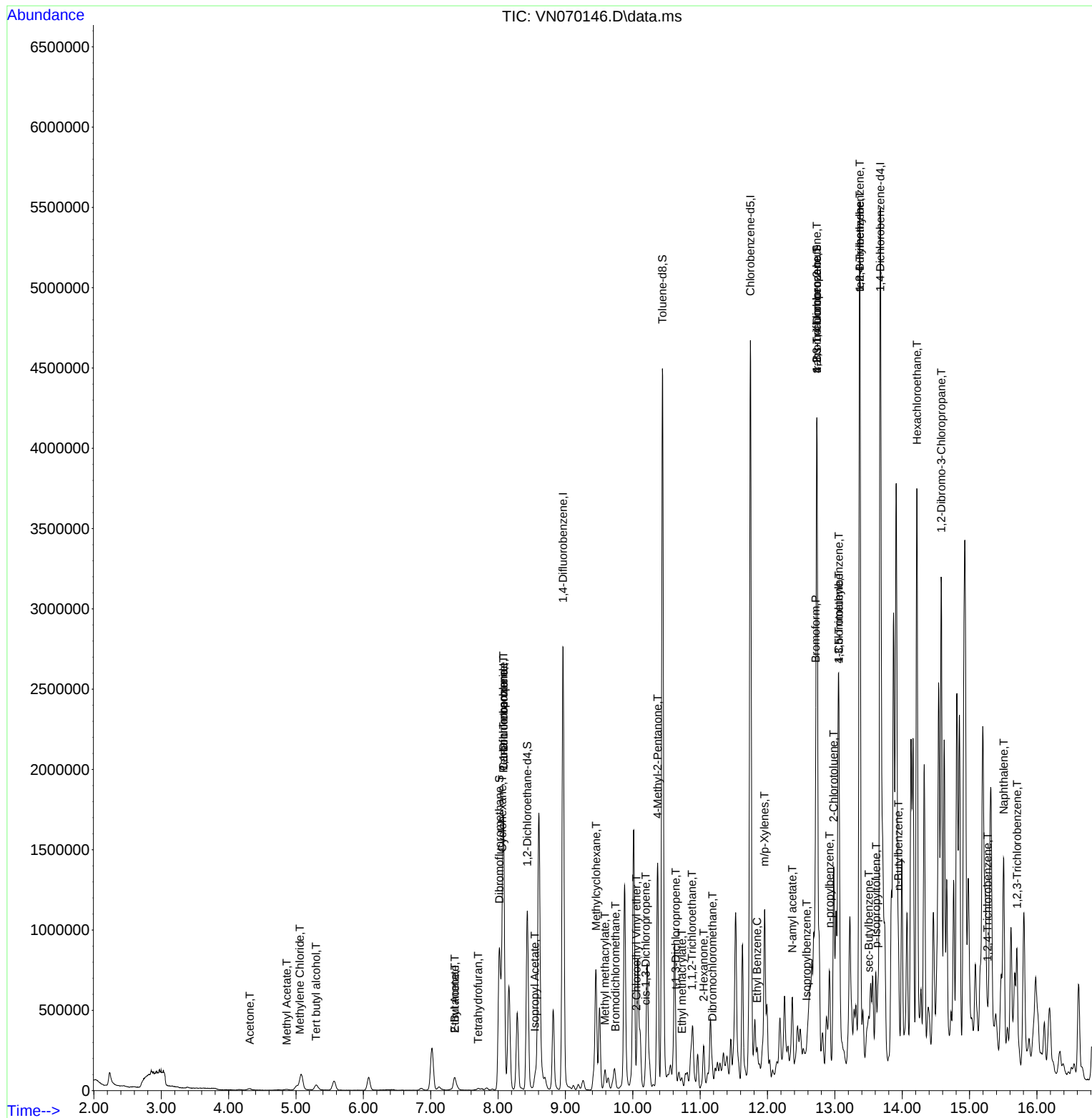
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.616	119	60625	0.709	ug/l	95
89) n-Butylbenzene	13.943	91	299358	4.317	ug/l #	64
90) Hexachloroethane	14.219	117	159744	10.644	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	12783	1.808	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	456	2.899	ug/l #	1
95) Naphthalene	15.507	128	881392	17.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	638	2.465	ug/l #	53

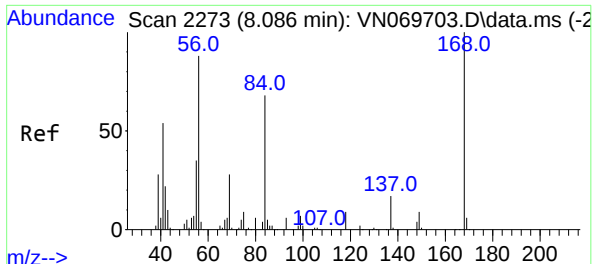
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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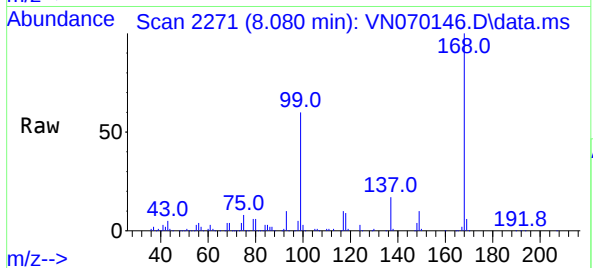
Quant Time: Dec 16 19:08:48 2021
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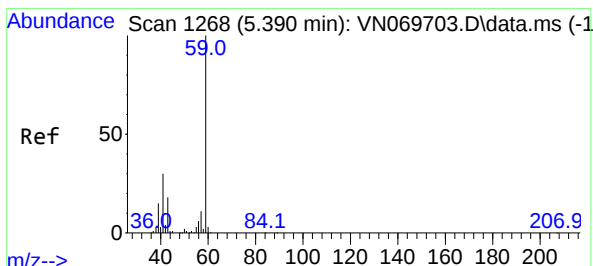
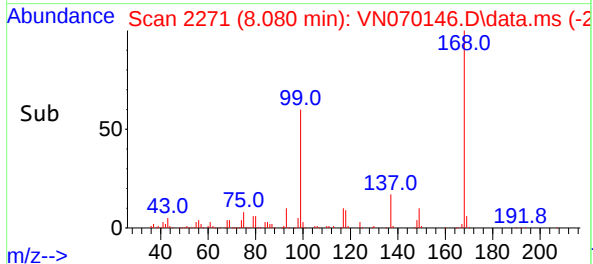
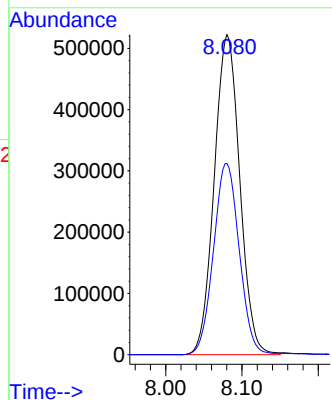


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :

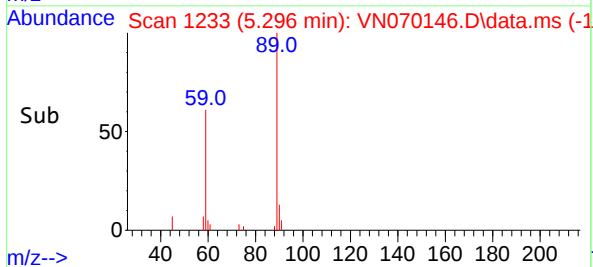
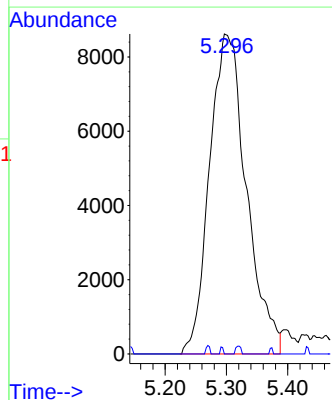
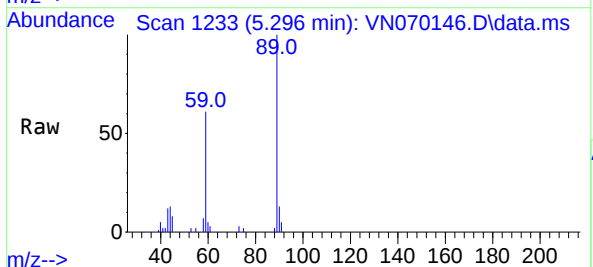


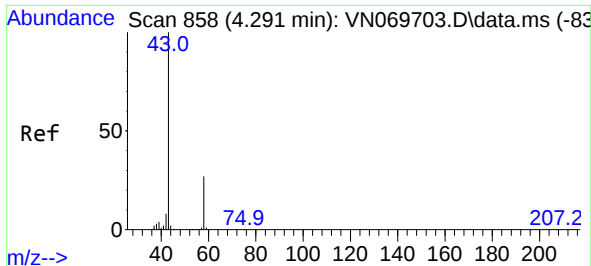
Tgt Ion:168 Resp: 1215653
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#11
Tert butyl alcohol
Concen: 10.159 ug/l
RT: 5.296 min Scan# 1233
Delta R.T. -0.094 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 59 Resp: 36043
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

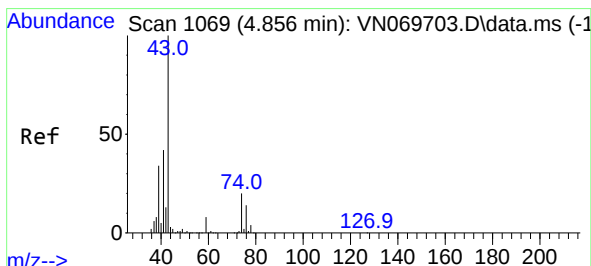
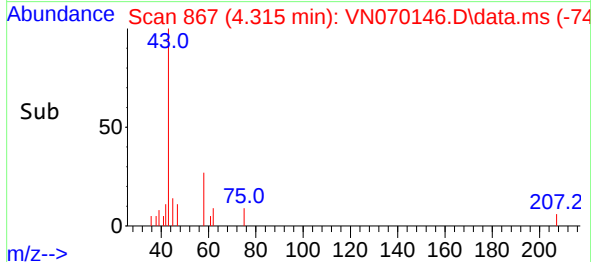
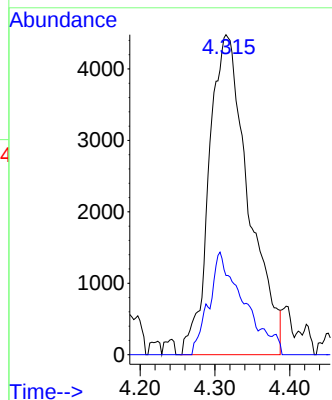
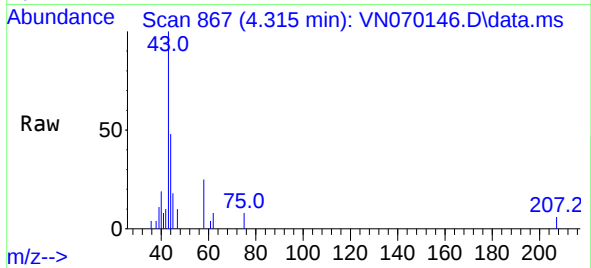




#16
Acetone
Concen: 1.447 ug/l
RT: 4.315 min Scan# 80
Delta R.T. 0.024 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

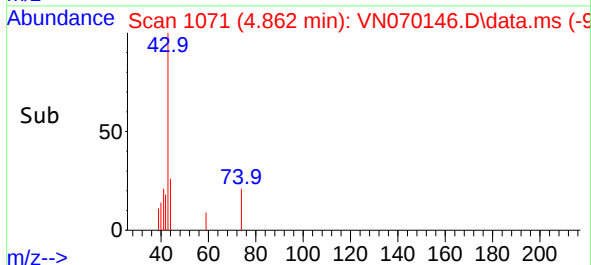
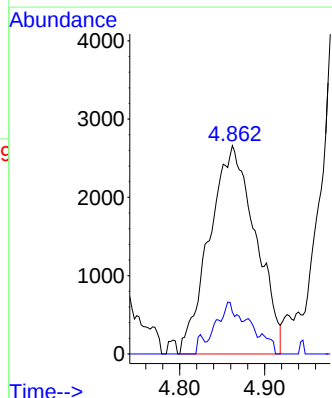
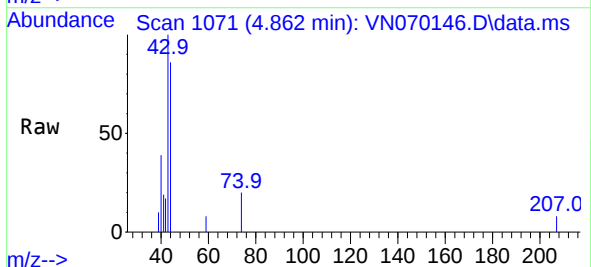
Instrument :
MSVOA_N
ClientSampleId :

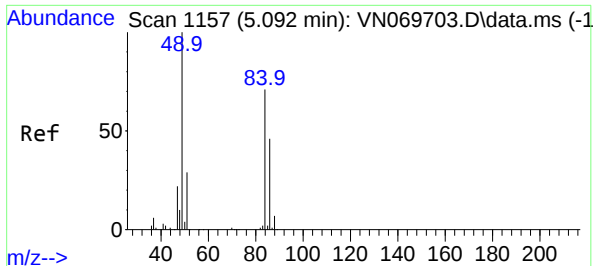
Tgt Ion: 43 Resp: 16338
Ion Ratio Lower Upper
43 100
58 24.8 23.1 34.7



#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

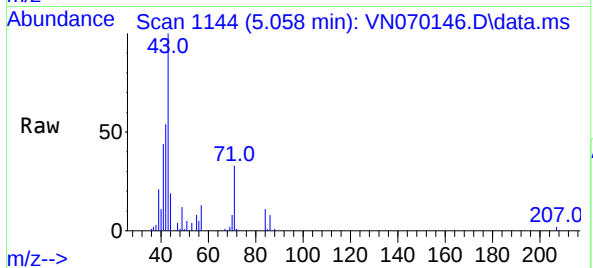
Tgt Ion: 43 Resp: 10050
Ion Ratio Lower Upper
43 100
74 8.7 19.4 29.2#





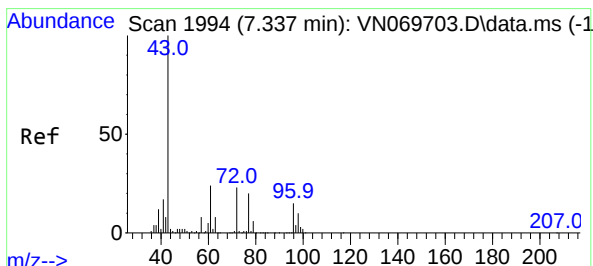
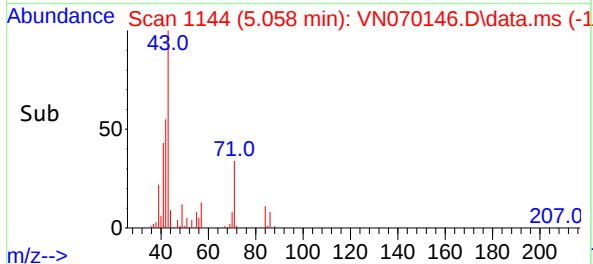
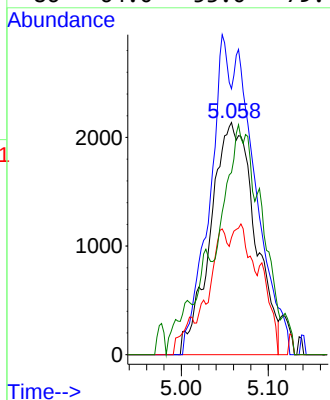
#20
Methylene Chloride
Concen: 0.506 ug/l
RT: 5.058 min Scan# 1157
Delta R.T. -0.035 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 7592

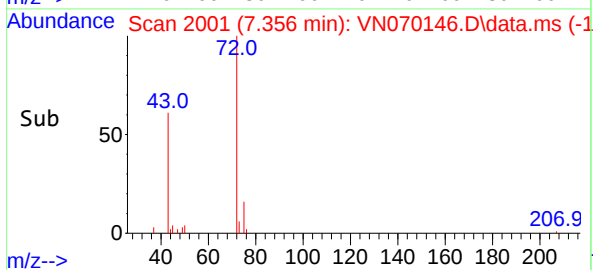
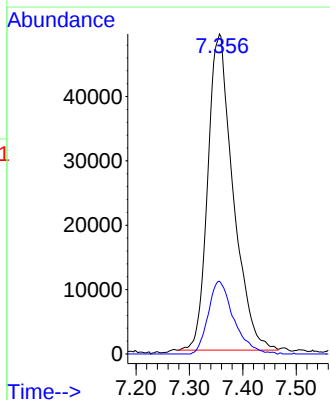
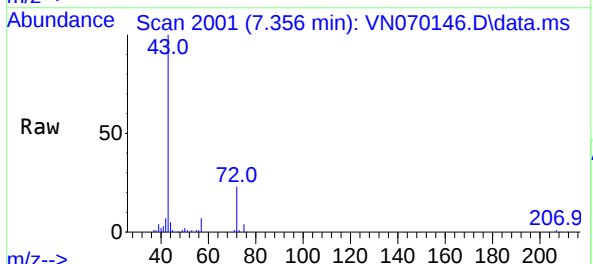
Ion	Ratio	Lower	Upper
84	100		
49	114.5	93.5	140.3
51	50.4	29.4	44.2
86	64.0	53.0	79.4

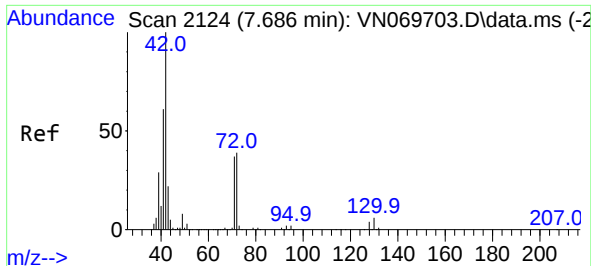


#25
2-Butanone
Concen: 10.558 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.019 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 43 Resp: 161974

Ion	Ratio	Lower	Upper
43	100		
72	23.0	21.7	32.5





#29

Tetrahydrofuran

Concen: 1.210 ug/l

RT: 7.705 min Scan# 21

Delta R.T. 0.019 min

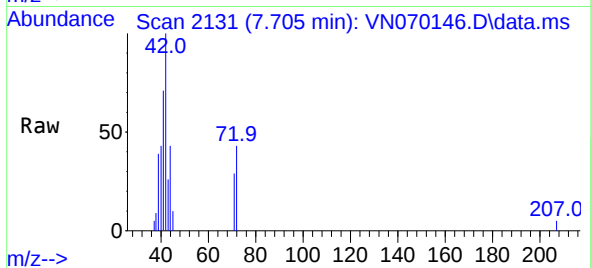
Lab File: VN070146.D

Acq: 16 Dec 2021 18:48

Instrument :

MSVOA_N

ClientSampleId :



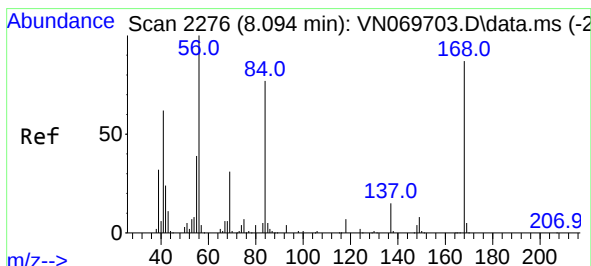
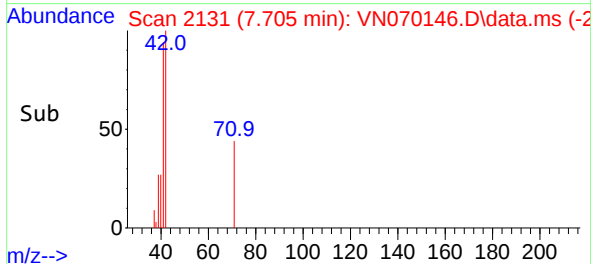
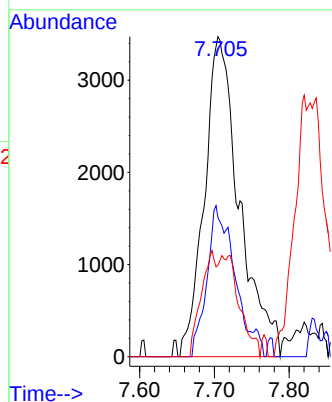
Tgt Ion: 42 Resp: 11268

Ion Ratio Lower Upper

42 100

72 36.5 36.3 54.5

71 14.0 34.7 52.1#



#31

Cyclohexane

Concen: 4.181 ug/l

RT: 8.062 min Scan# 2264

Delta R.T. -0.032 min

Lab File: VN070146.D

Acq: 16 Dec 2021 18:48

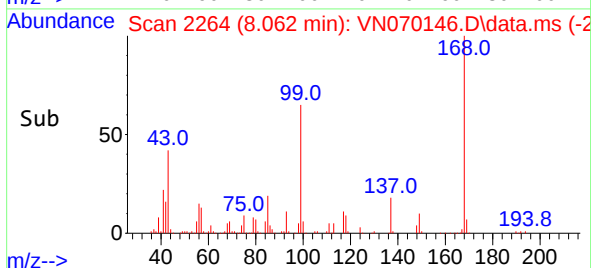
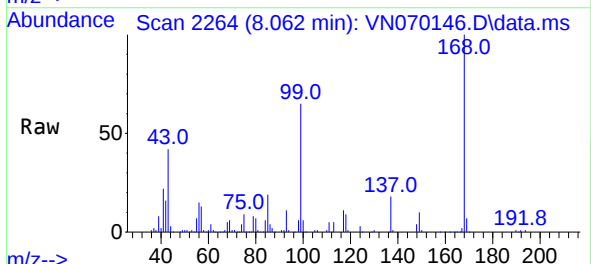
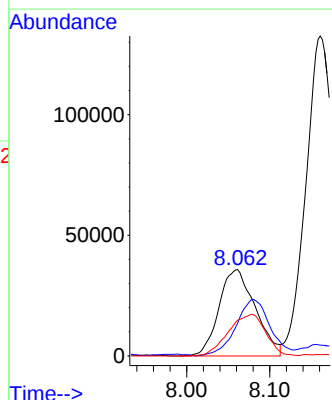
Tgt Ion: 56 Resp: 109208

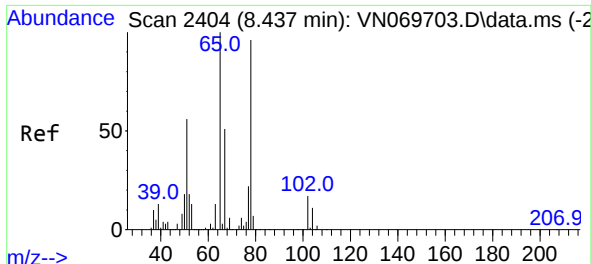
Ion Ratio Lower Upper

56 100

69 36.7 27.1 40.7

84 41.7 73.4 110.0#

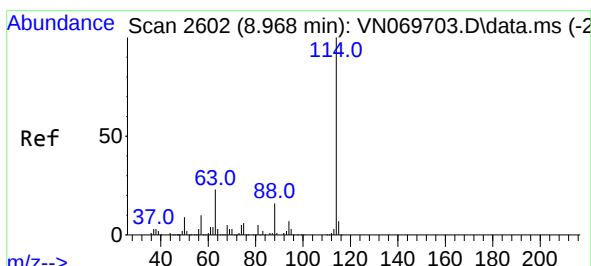
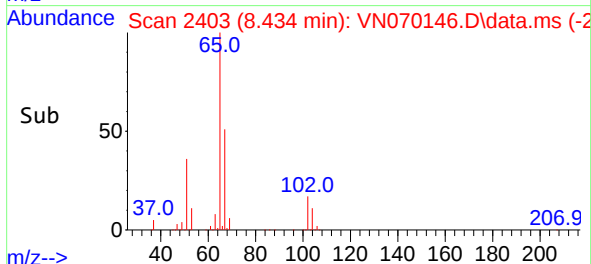
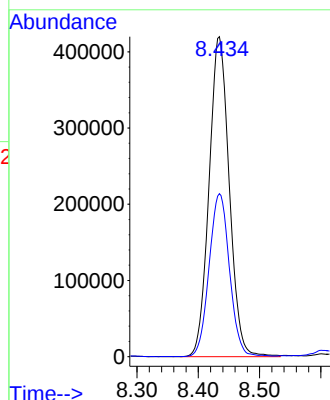
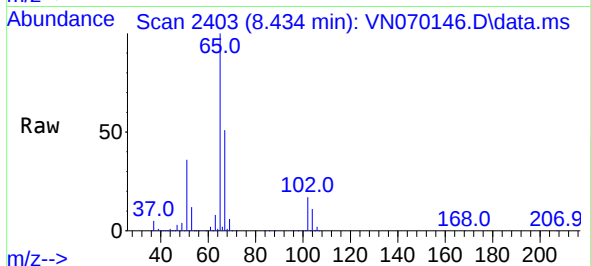




#33
1,2-Dichloroethane-d4
Concen: 51.282 ug/l
RT: 8.434 min Scan# 24
Delta R.T. -0.003 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

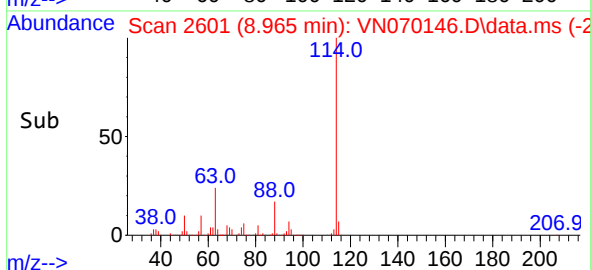
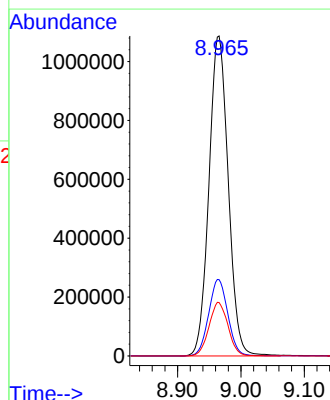
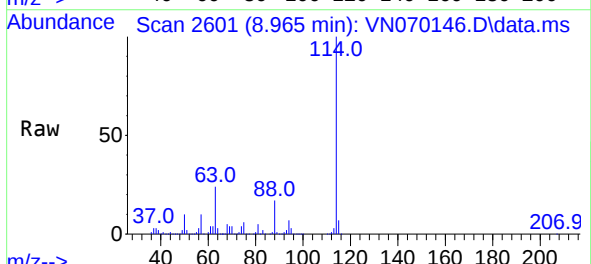
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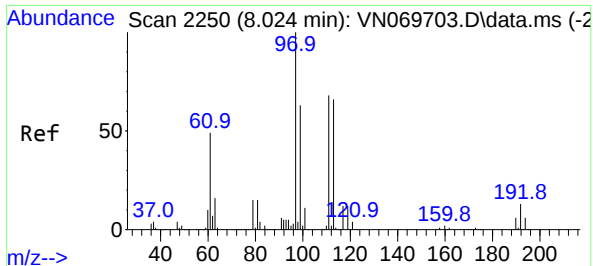
Tgt Ion: 65 Resp: 962547
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

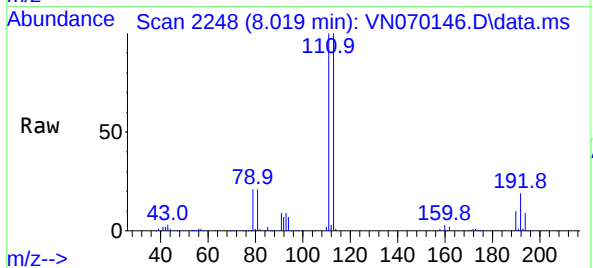
Tgt Ion:114 Resp: 2296970
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.7 0.0 27.4



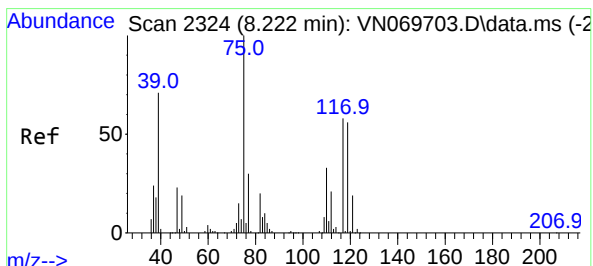
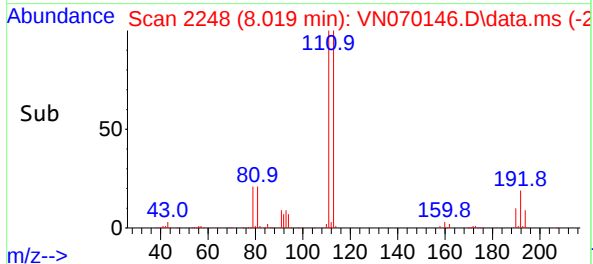
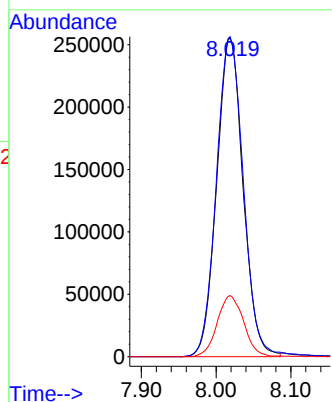


#35
Dibromofluoromethane
Concen: 43.417 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :

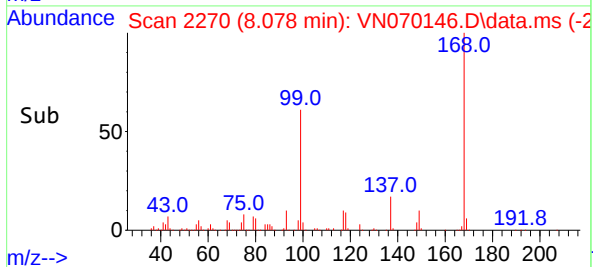
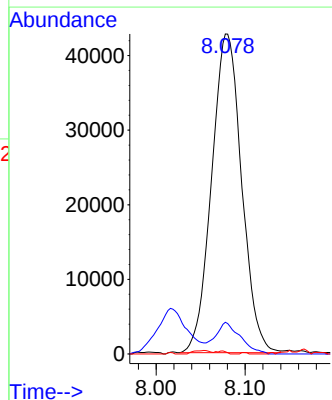
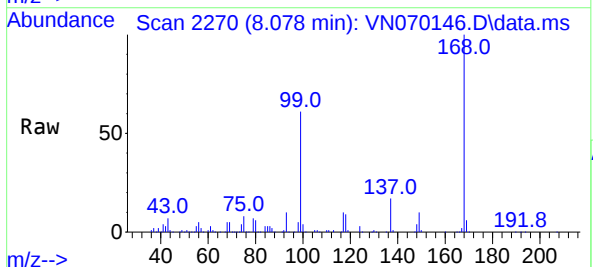


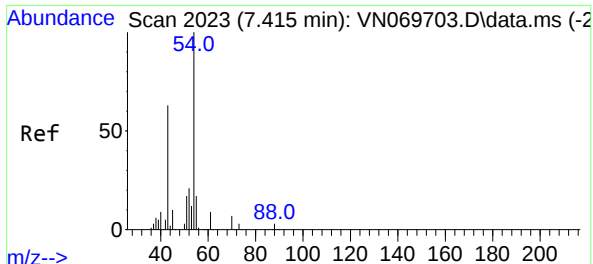
Tgt Ion:113 Resp: 624674
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.581 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 75 Resp: 100178
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.3 24.4 36.6#





#37

Ethyl Acetate

Concen: 4.977 ug/l

RT: 7.356 min Scan# 20

Delta R.T. -0.059 min

Lab File: VN070146.D

Acq: 16 Dec 2021 18:48

Instrument :

MSVOA_N

ClientSampleId :

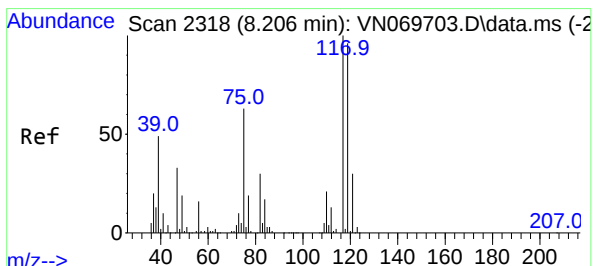
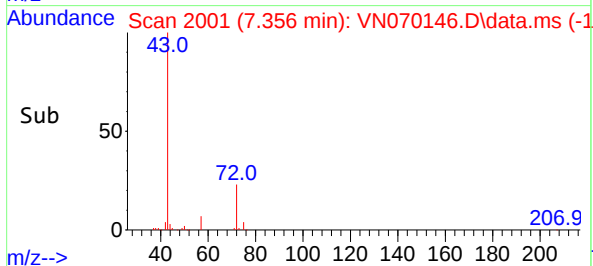
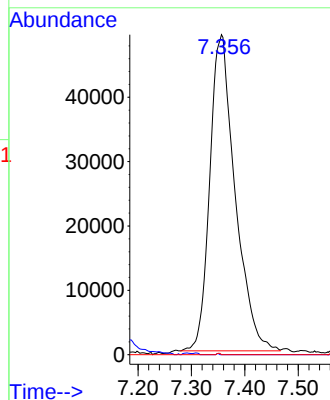
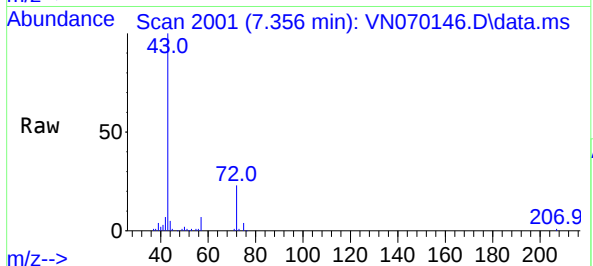
Tgt Ion: 43 Resp: 161974

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.1 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.699 ug/l

RT: 8.078 min Scan# 2270

Delta R.T. -0.129 min

Lab File: VN070146.D

Acq: 16 Dec 2021 18:48

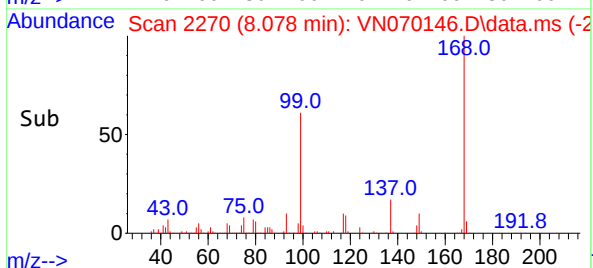
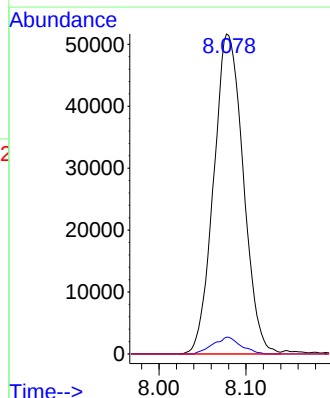
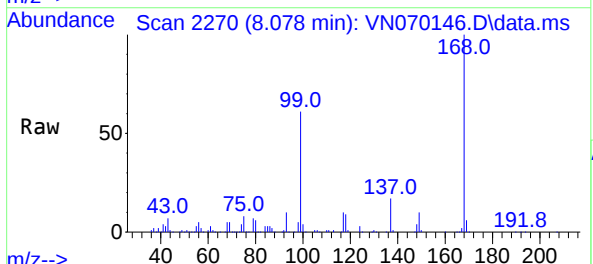
Tgt Ion: 117 Resp: 122211

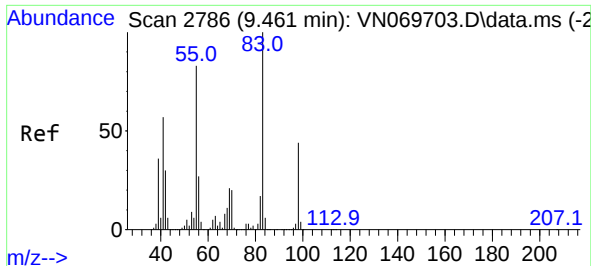
Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

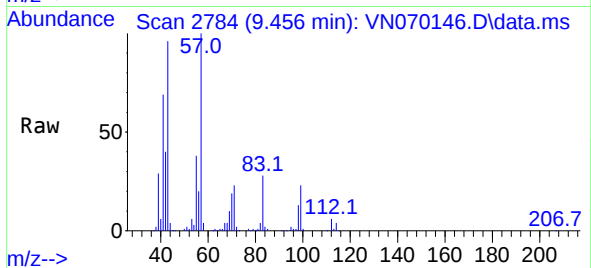
121 0.0 24.2 36.2#



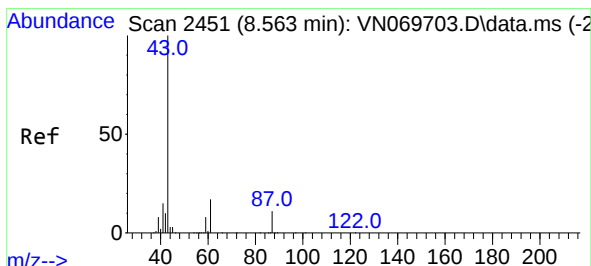
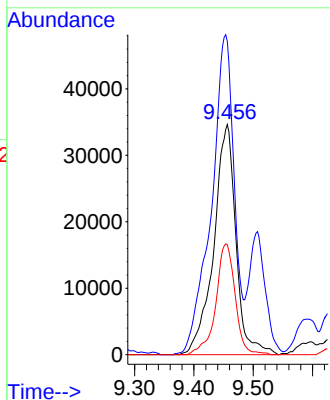
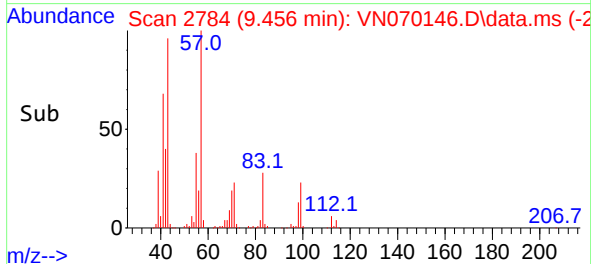


#39
Methylcyclohexane
Concen: 3.476 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :

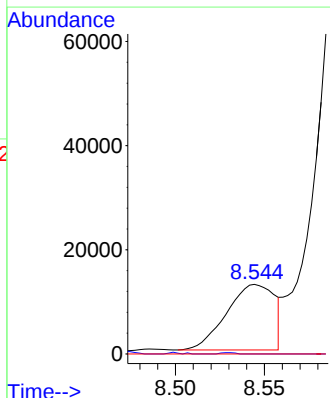
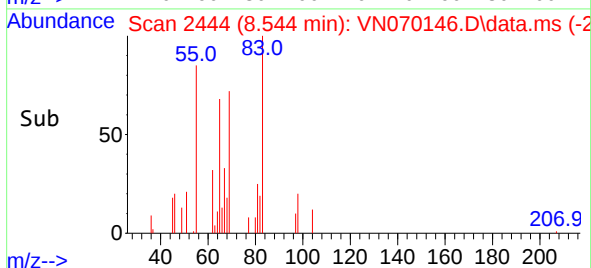
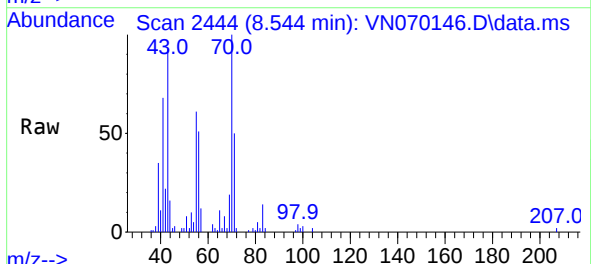


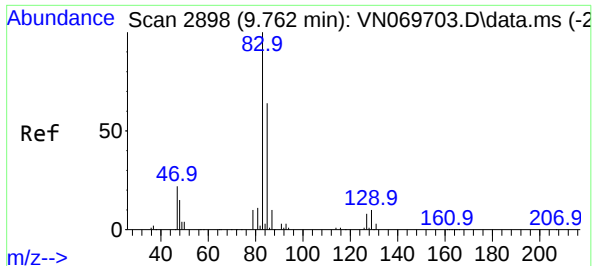
Tgt Ion: 83 Resp: 90399
Ion Ratio Lower Upper
83 100
55 135.4 58.1 87.1#
98 47.7 38.4 57.6



#43
Isopropyl Acetate
Concen: 0.493 ug/l
RT: 8.544 min Scan# 2444
Delta R.T. -0.019 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 43 Resp: 23761
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

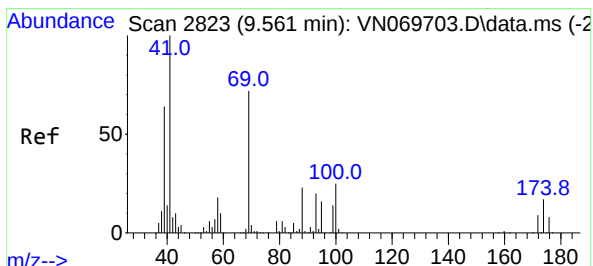
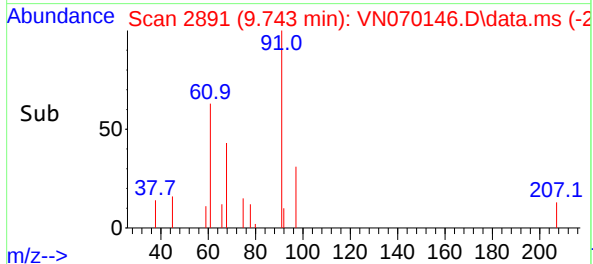
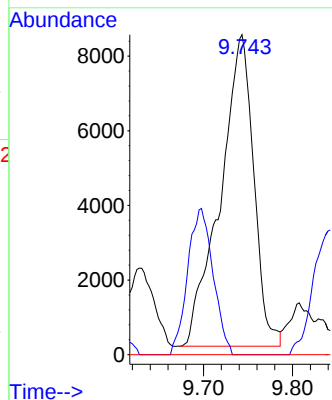
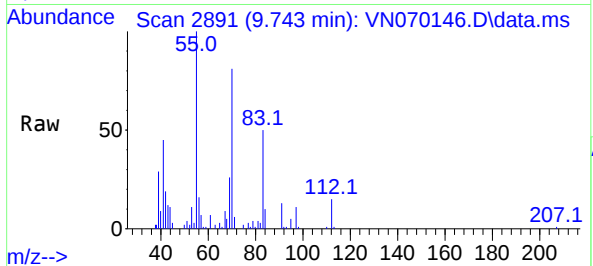




#47
Bromodichloromethane
Concen: 0.977 ug/l
RT: 9.743 min Scan# 21
Delta R.T. -0.019 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

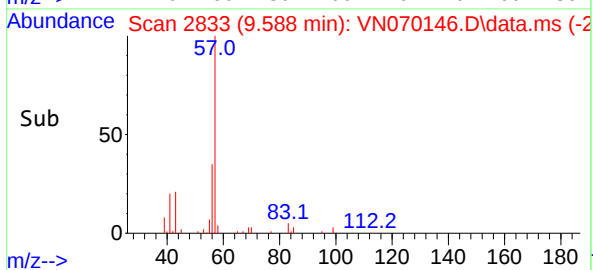
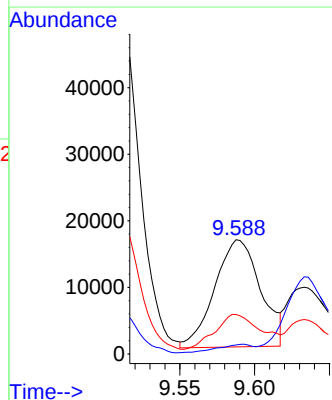
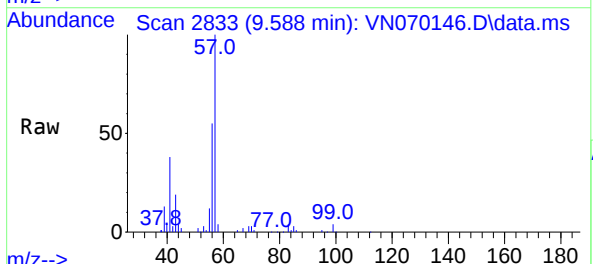
Instrument :
MSVOA_N
ClientSampleId :

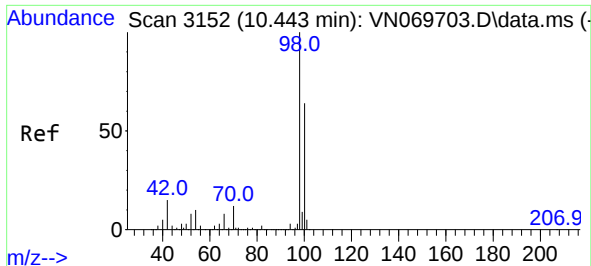
Tgt Ion: 83 Resp: 21770
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 1.532 ug/l
RT: 9.588 min Scan# 2833
Delta R.T. 0.027 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 41 Resp: 34441
Ion Ratio Lower Upper
41 100
69 6.1 72.4 108.6#
39 33.4 58.4 87.6#

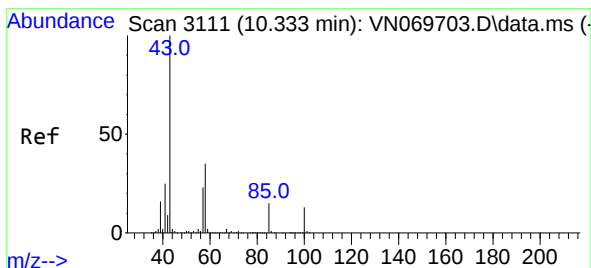
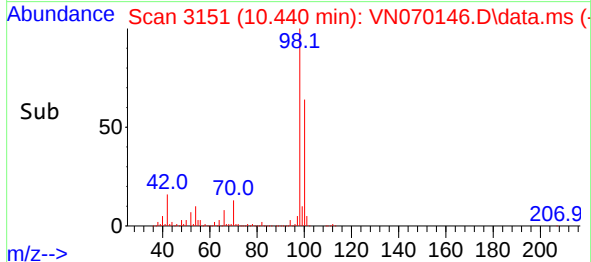
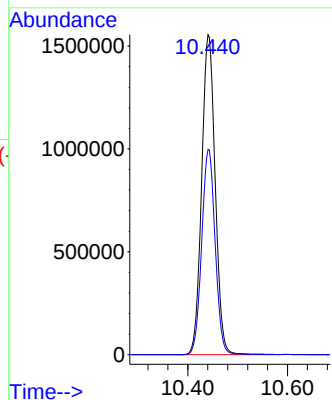
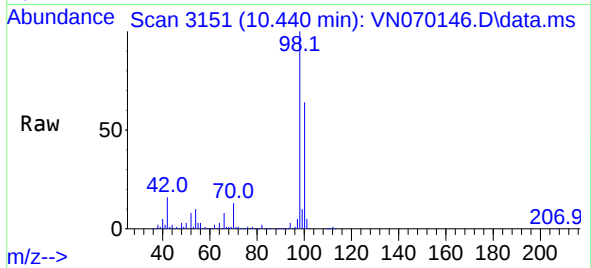




#50
Toluene-d8
Concen: 50.683 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

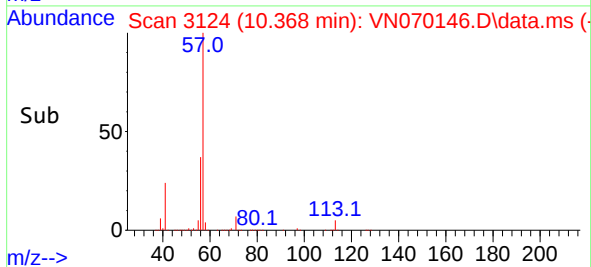
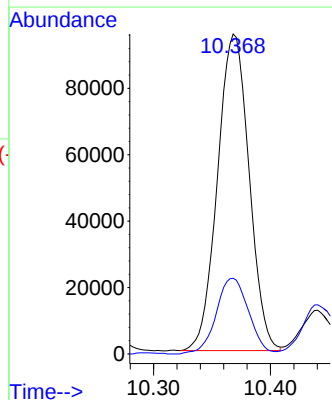
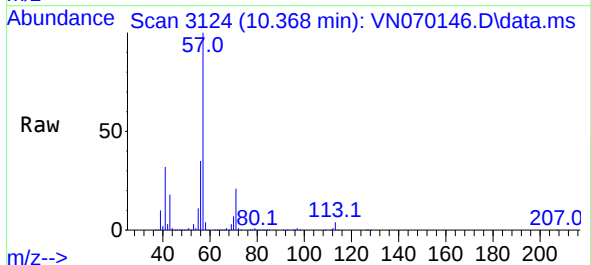
Instrument :
MSVOA_N
ClientSampleId :

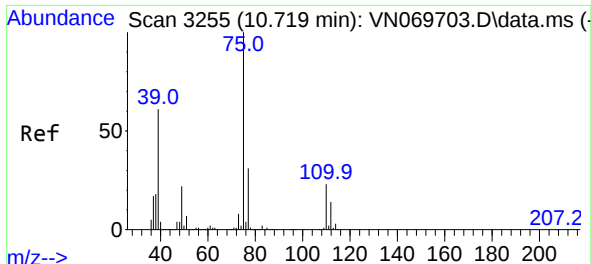
Tgt Ion: 98 Resp: 2928054
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 5.735 ug/l
RT: 10.368 min Scan# 3124
Delta R.T. 0.035 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

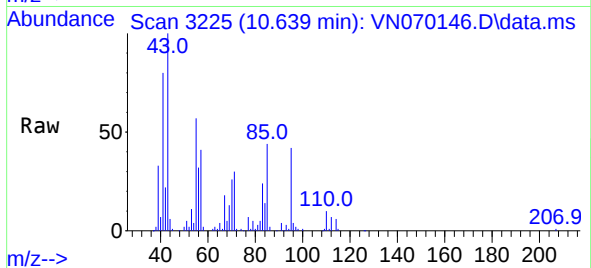
Tgt Ion: 43 Resp: 179182
Ion Ratio Lower Upper
43 100
58 24.5 30.4 45.6#



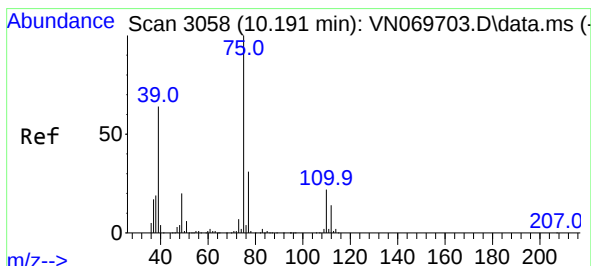
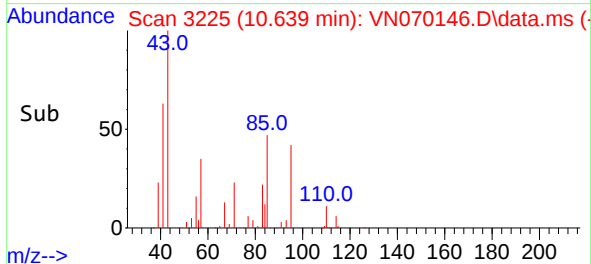
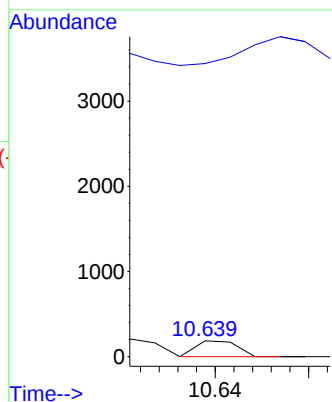


#53
 t-1,3-Dichloropropene
 Concen: 2.796 ug/l
 RT: 10.639 min Scan# 31
 Delta R.T. -0.080 min
 Lab File: VN070146.D
 Acq: 16 Dec 2021 18:48

Instrument :
 MSVOA_N
 ClientSampleId :

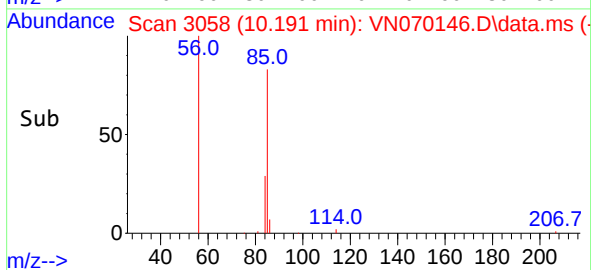
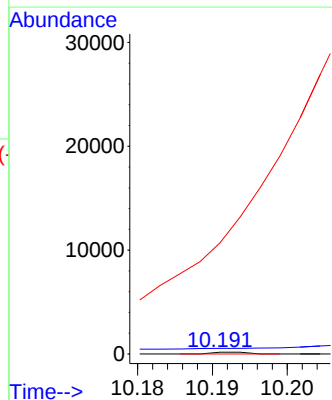
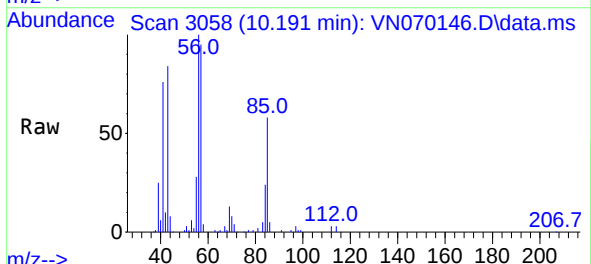


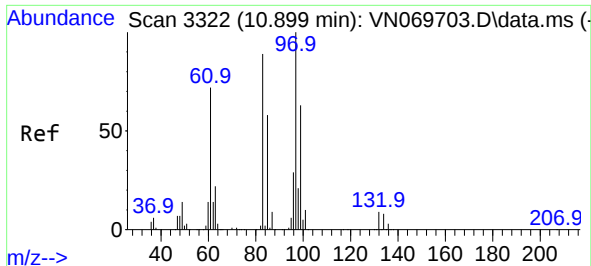
Tgt Ion: 75 Resp: 57
 Ion Ratio Lower Upper
 75 100
 77 11.9 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 2.001 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN070146.D
 Acq: 16 Dec 2021 18:48

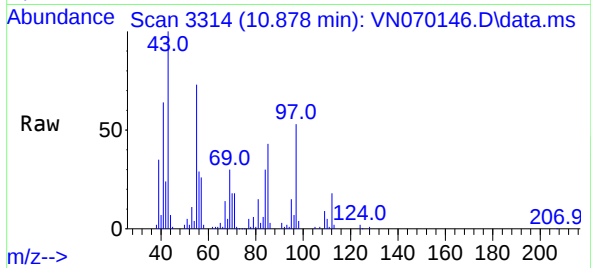
Tgt Ion: 75 Resp: 54
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.4 39.6
 39 1755.9 42.5 63.7#



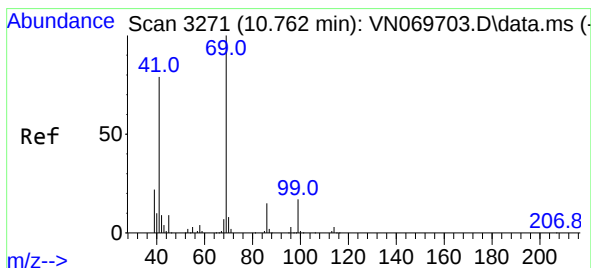
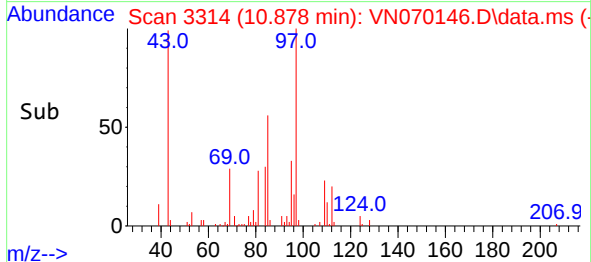
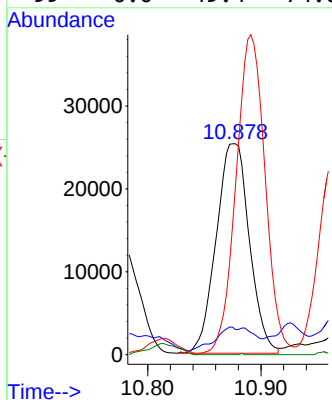


#55
1,1,2-Trichloroethane
Concen: 3.117 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :

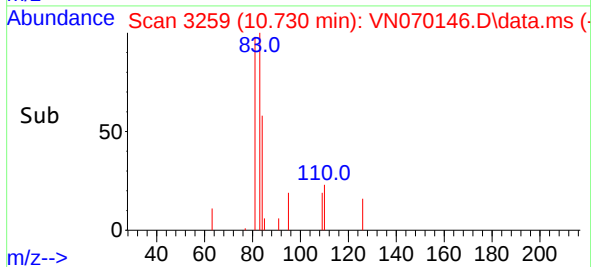
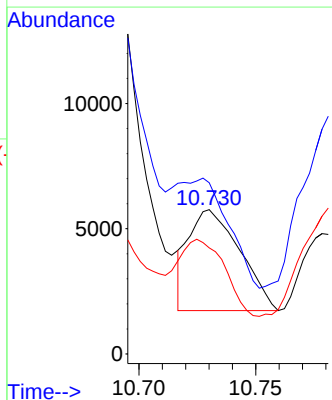
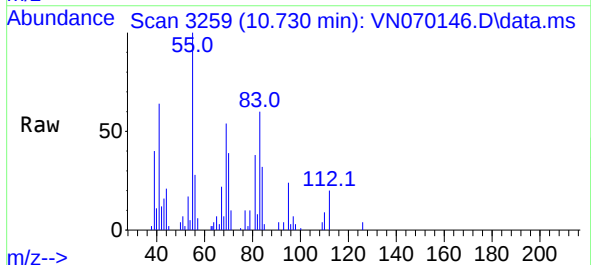


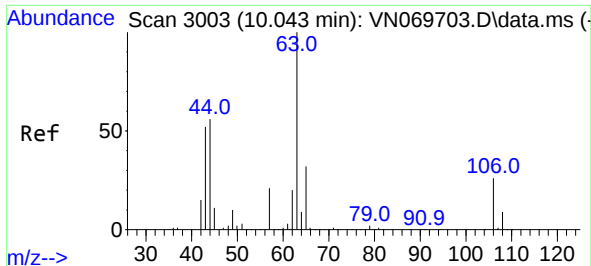
Tgt Ion: 97 Resp: 51325
Ion Ratio Lower Upper
97 100
83 8.6 67.8 101.6#
85 77.6 45.4 68.2#
99 0.0 49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.468 ug/l
RT: 10.730 min Scan# 3259
Delta R.T. -0.032 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 69 Resp: 6157
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 70.0 34.6 52.0#

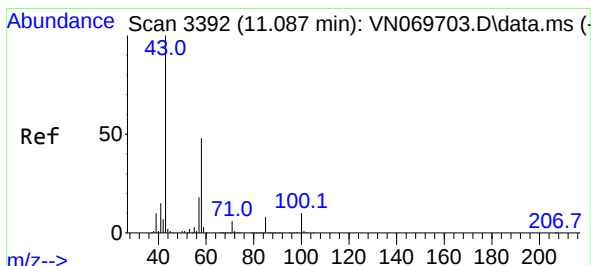
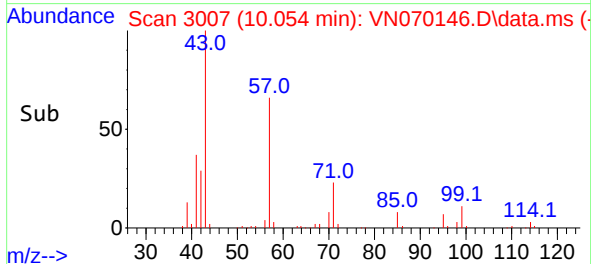
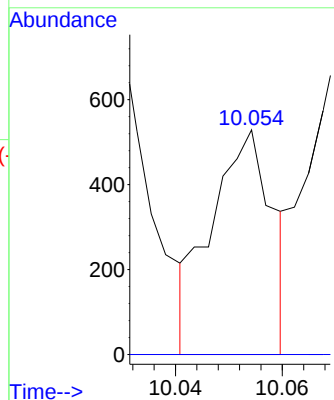
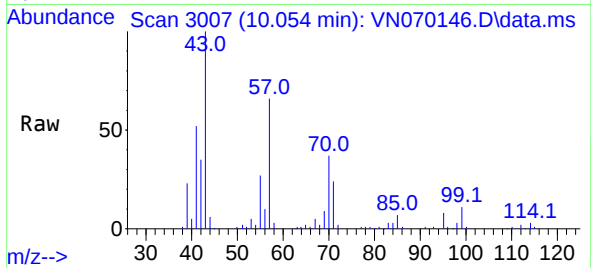




#58
2-Chloroethyl Vinyl ether
Concen: 18.435 ug/l
RT: 10.054 min Scan# 3007
Delta R.T. 0.011 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

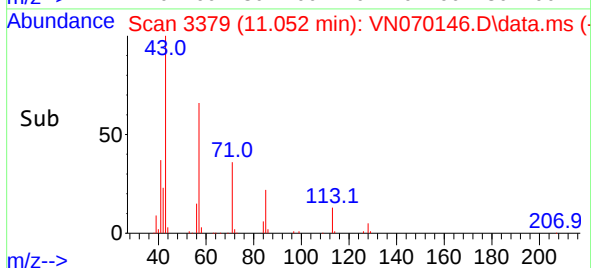
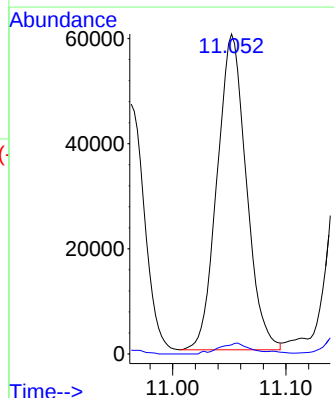
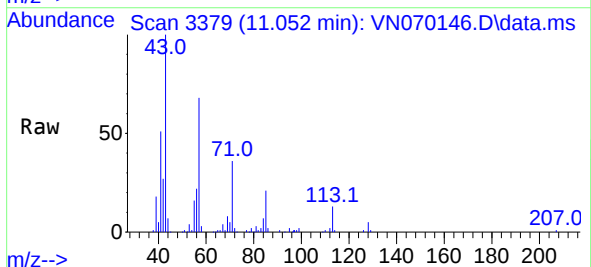
Instrument :
MSVOA_N
ClientSampleId :

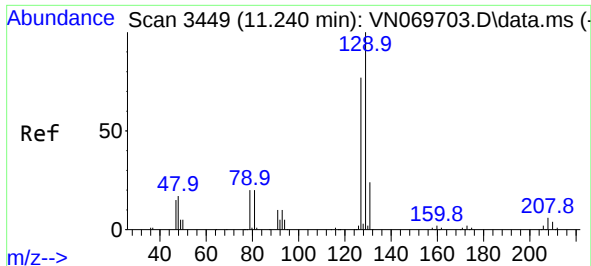
Tgt Ion: 63 Resp: 419
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 4.534 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. -0.035 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 43 Resp: 107150
Ion Ratio Lower Upper
43 100
58 2.8 26.9 80.7#

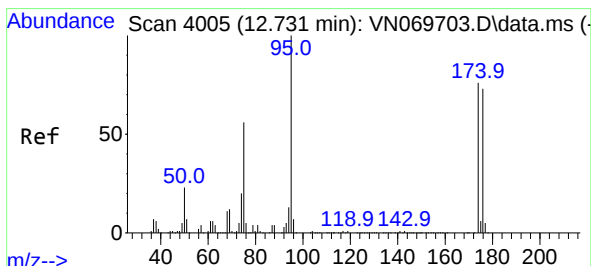
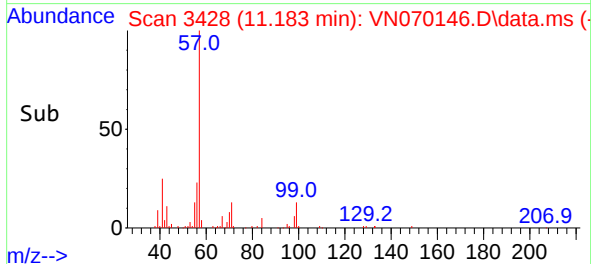
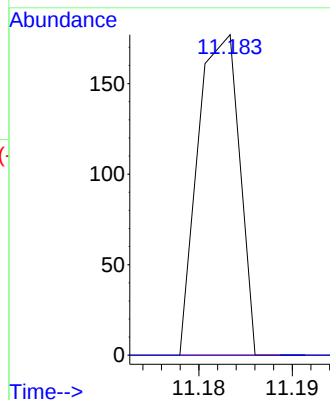
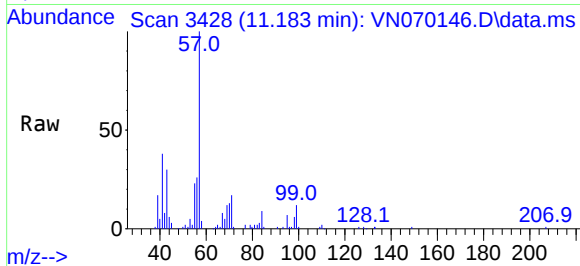




#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 11.183 min Scan# 3449
Delta R.T. -0.057 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

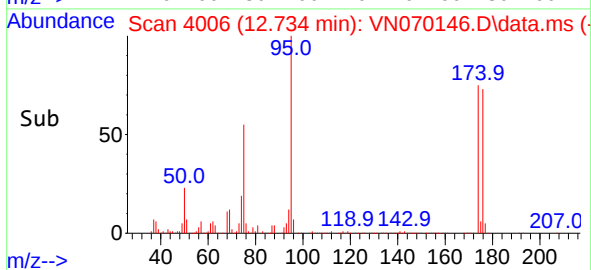
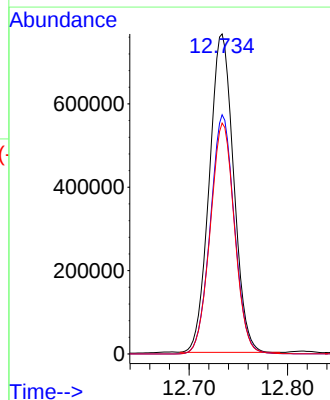
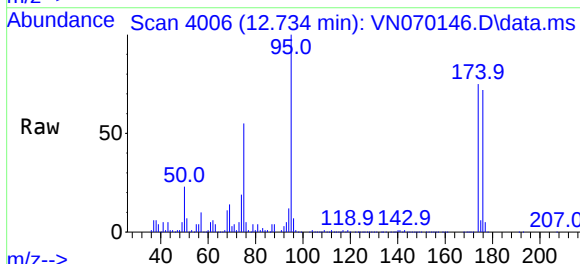
Instrument :
MSVOA_N
ClientSampleId :

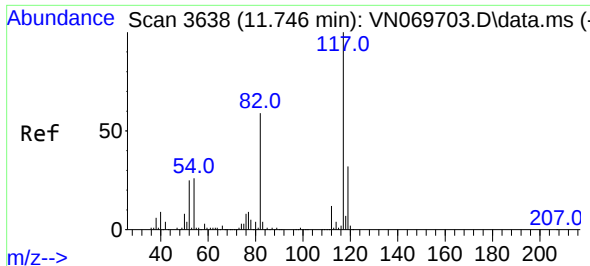
Tgt Ion:129 Resp: 54
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 62.715 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

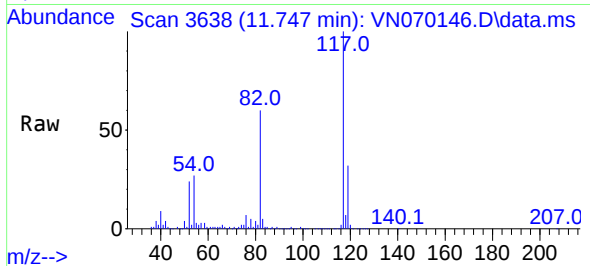
Tgt Ion: 95 Resp: 1312588
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 72.3 0.0 181.4





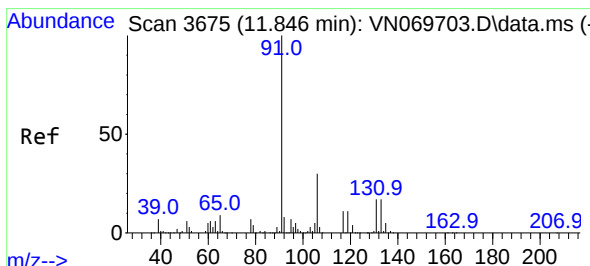
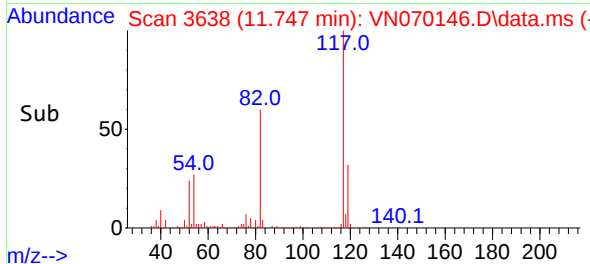
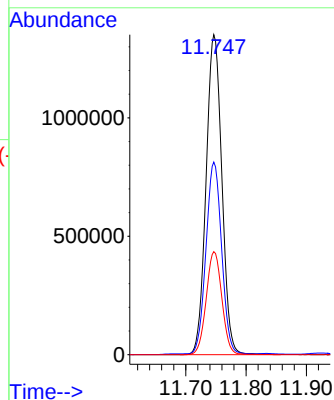
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2456558

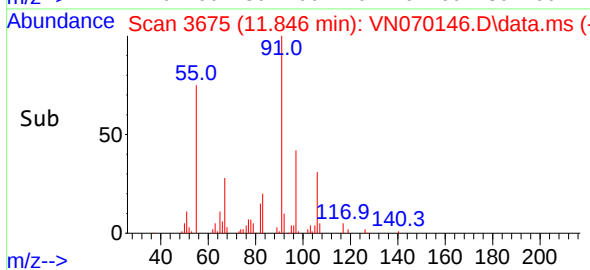
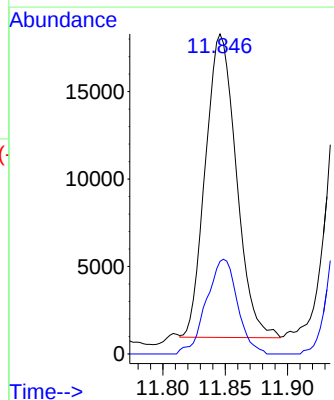
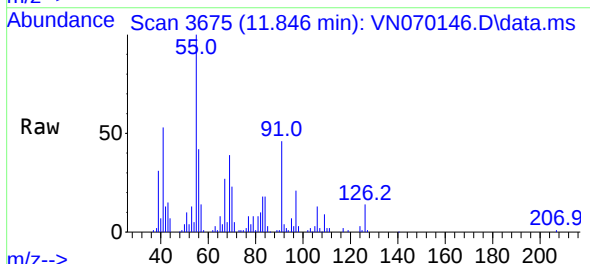
Ion	Ratio	Lower	Upper
117	100		
82	60.0	42.4	63.6
119	32.2	25.4	38.2

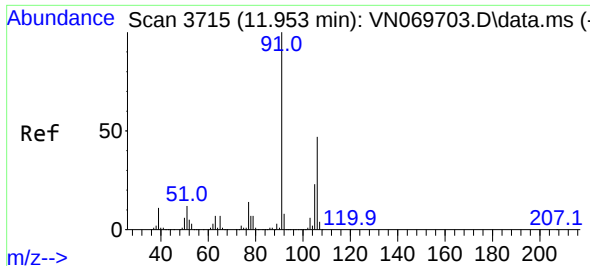


#67
Ethyl Benzene
Concen: 0.330 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 91 Resp: 29903

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.7	38.5

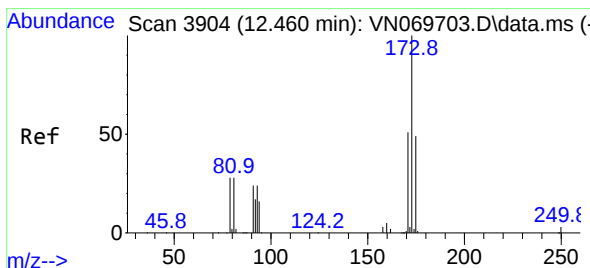
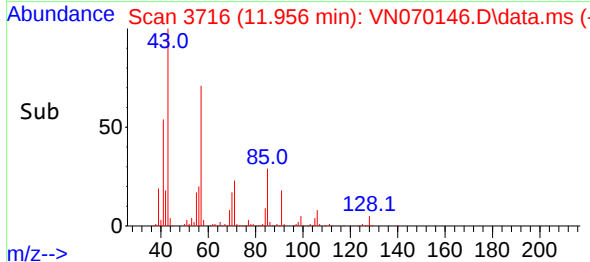
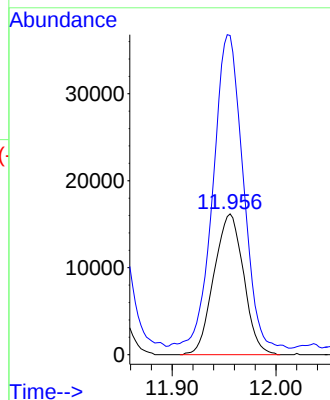
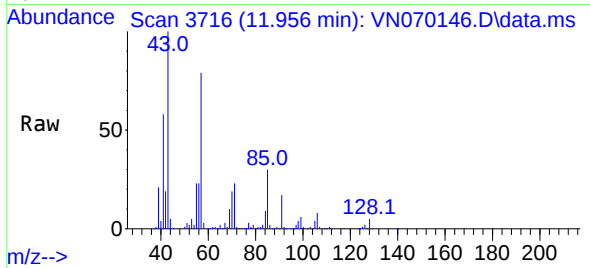




#68
m/p-Xylenes
Concen: 0.975 ug/l
RT: 11.956 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

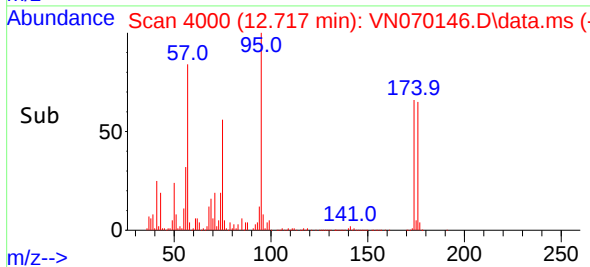
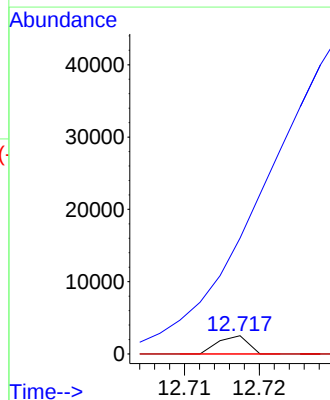
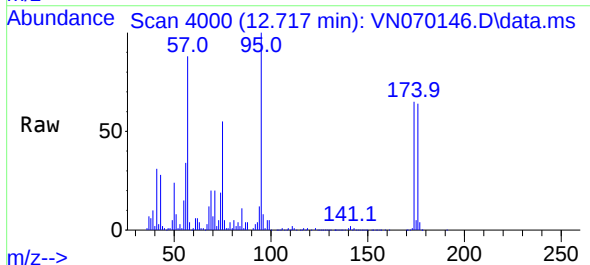
Instrument :
MSVOA_N
ClientSampleId :

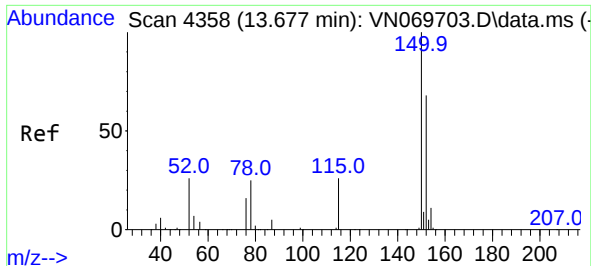
Tgt Ion:106 Resp: 32131
Ion Ratio Lower Upper
106 100
91 224.4 160.6 240.8



#71
Bromoform
Concen: 2.775 ug/l
RT: 12.717 min Scan# 4000
Delta R.T. 0.257 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

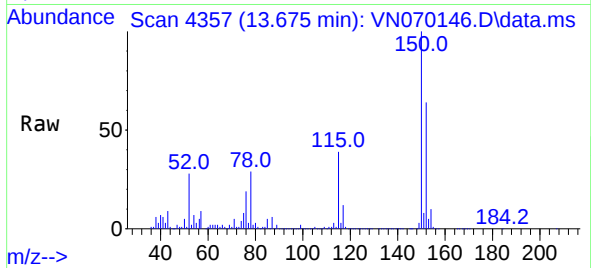
Tgt Ion:173 Resp: 702
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



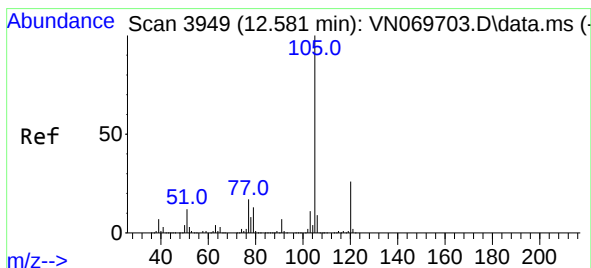
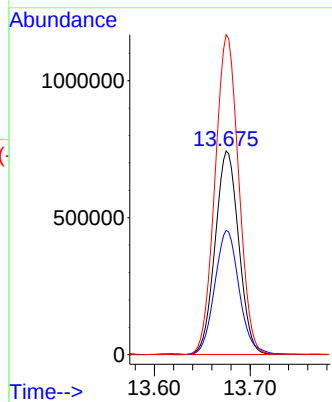
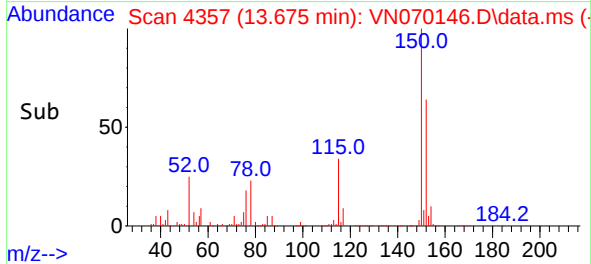


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :

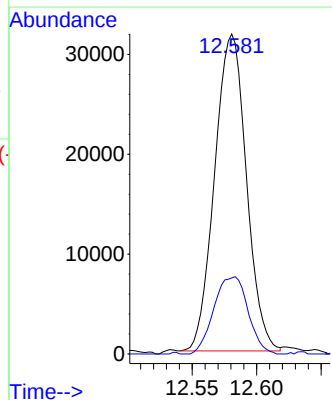
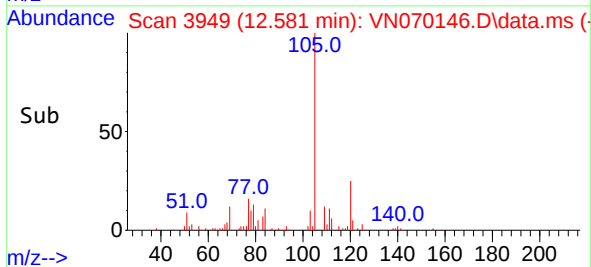
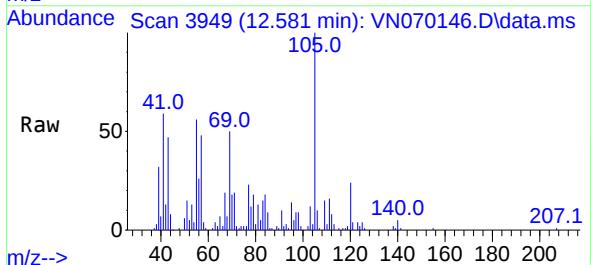


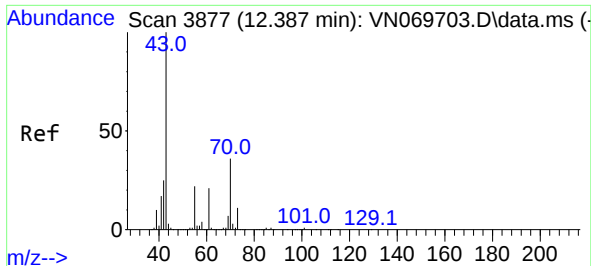
Tgt Ion:152 Resp: 1271430
Ion Ratio Lower Upper
152 100
115 62.9 27.5 82.5
150 157.7 0.0 344.4



#73
Isopropylbenzene
Concen: 0.480 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion:105 Resp: 54313
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

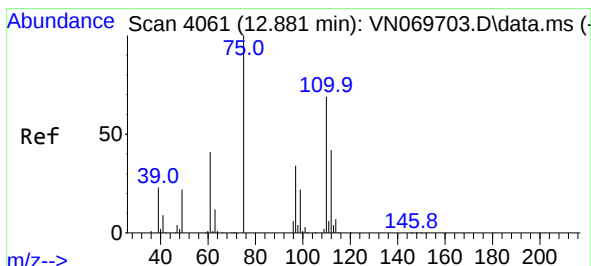
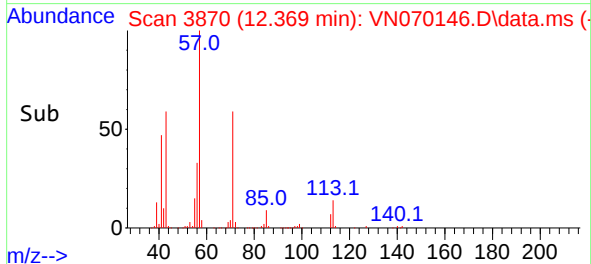
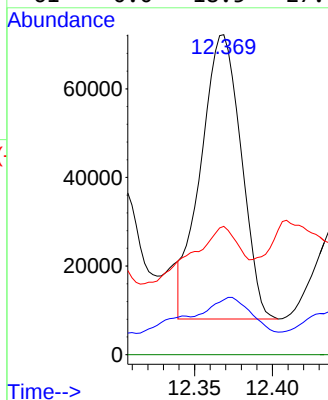
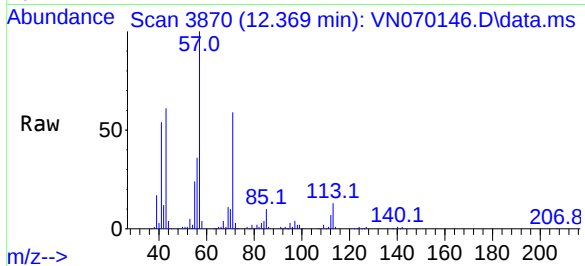




#74
N-amy1 acetate
Concen: 2.319 ug/l
RT: 12.369 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

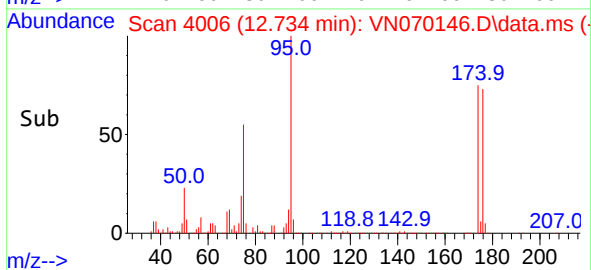
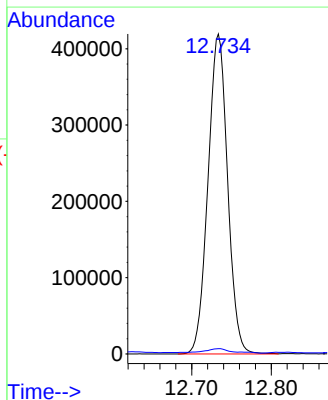
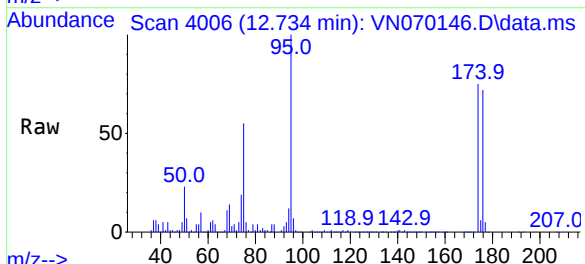
Instrument :
MSVOA_N
ClientSampleId :

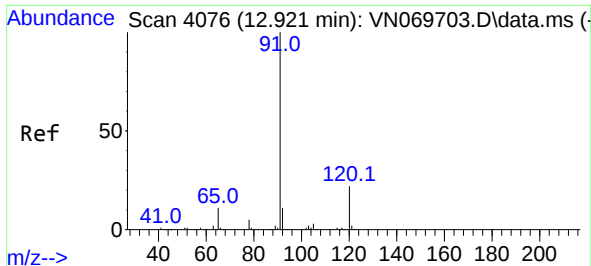
Tgt Ion: 43 Resp: 116006
Ion Ratio Lower Upper
43 100
70 11.4 33.4 50.0#
55 22.7 19.3 28.9
61 0.0 18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 19.670 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 75 Resp: 717206
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

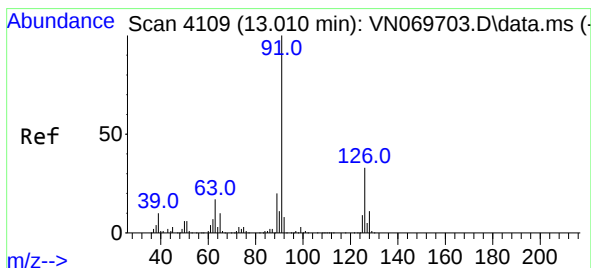
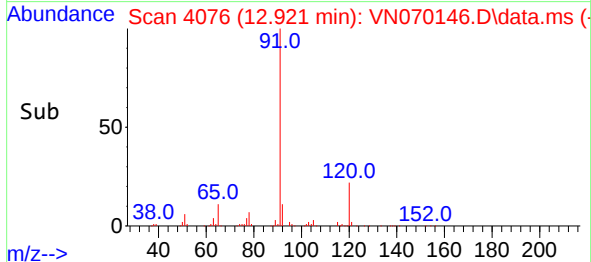
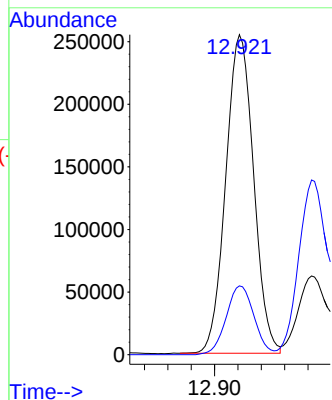
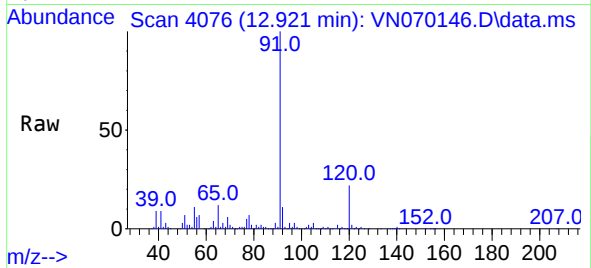




#78
n-propylbenzene
Concen: 3.348 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

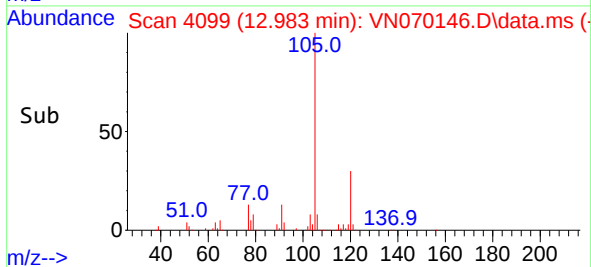
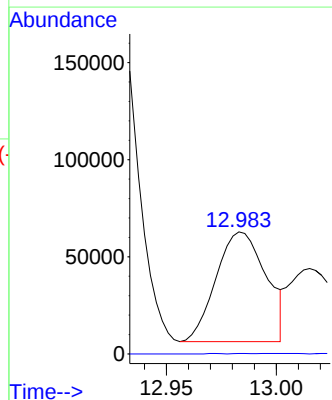
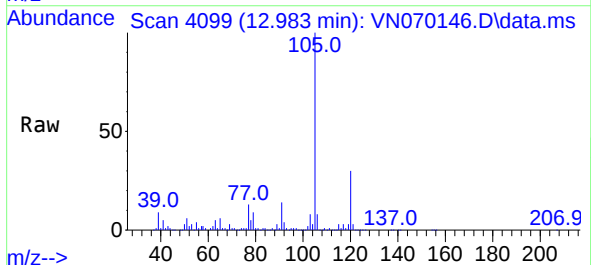
Instrument :
MSVOA_N
ClientSampleId :

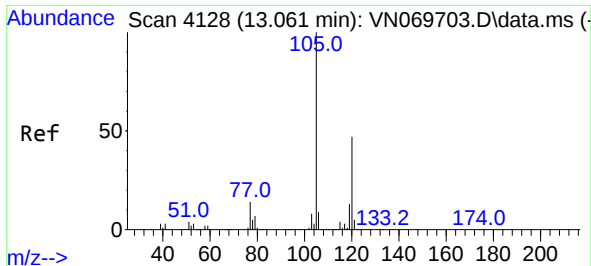
Tgt Ion: 91 Resp: 421406
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9



#79
2-Chlorotoluene
Concen: 1.130 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.027 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 91 Resp: 89863
Ion Ratio Lower Upper
91 100
126 0.2 18.3 54.8#

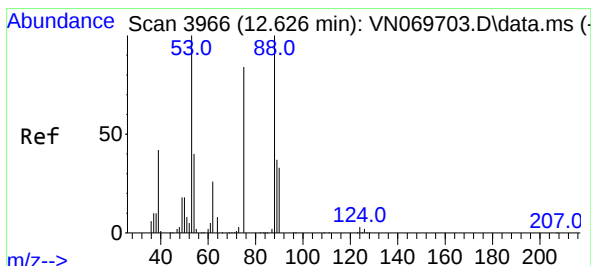
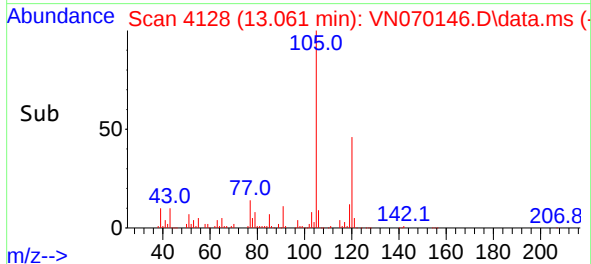
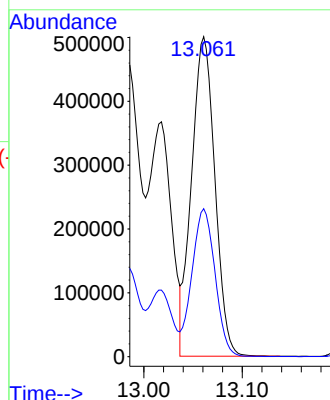
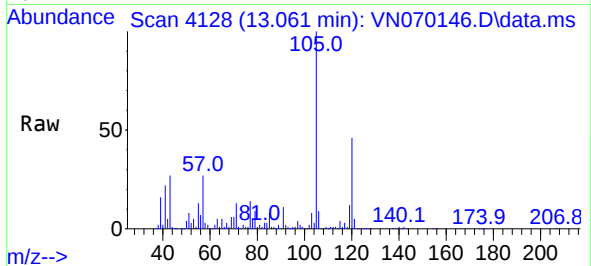




#80
1,3,5-Trimethylbenzene
Concen: 9.044 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

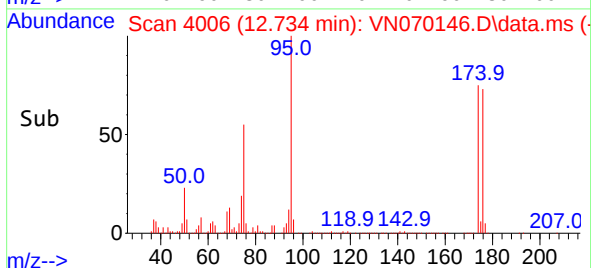
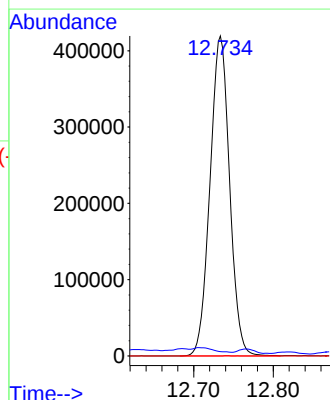
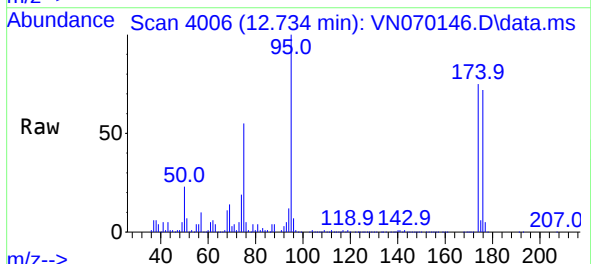
Instrument :
MSVOA_N
ClientSampleId :

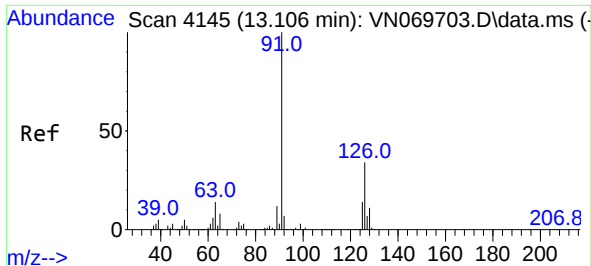
Tgt Ion:105 Resp: 823429
Ion Ratio Lower Upper
105 100
120 45.9 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 63.210 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 75 Resp: 717206
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

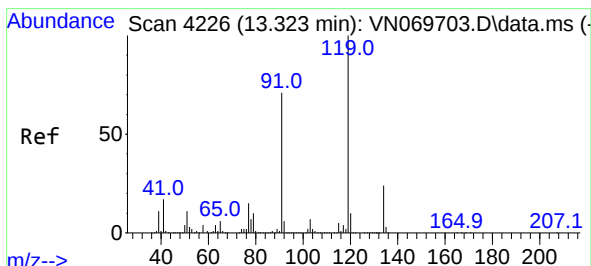
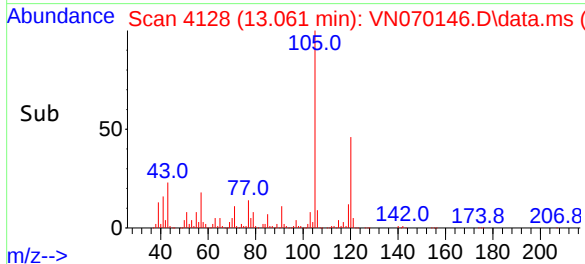
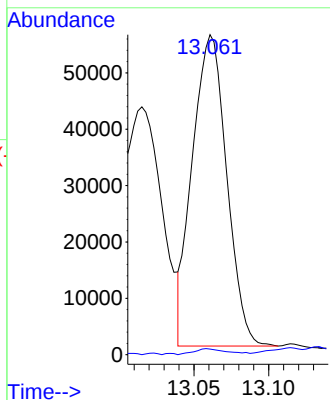
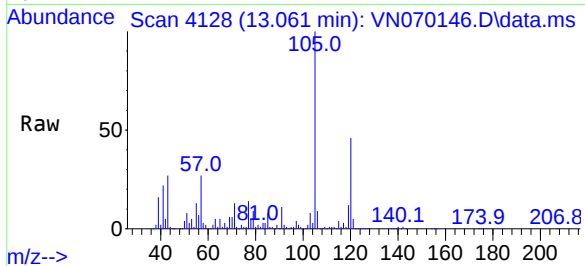




#82
4-Chlorotoluene
Concen: 1.178 ug/l
RT: 13.061 min Scan# 4145
Delta R.T. -0.045 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

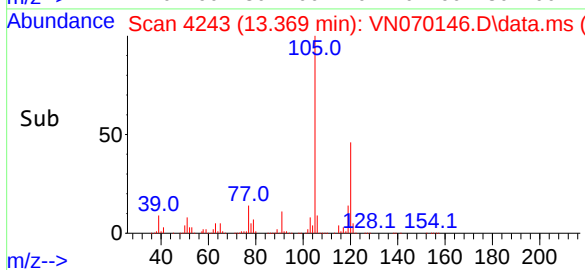
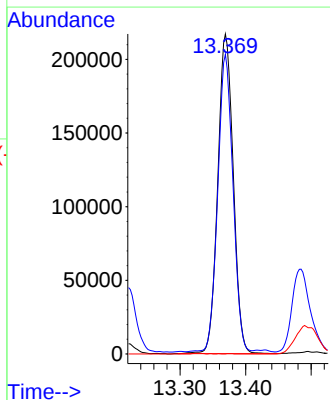
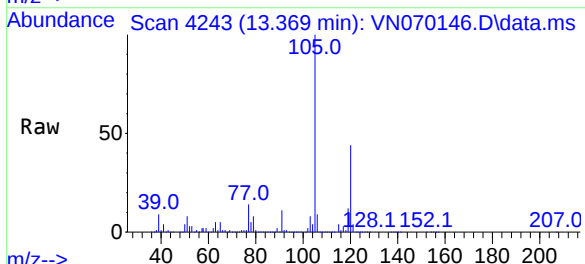
Instrument :
MSVOA_N
ClientSampleId :

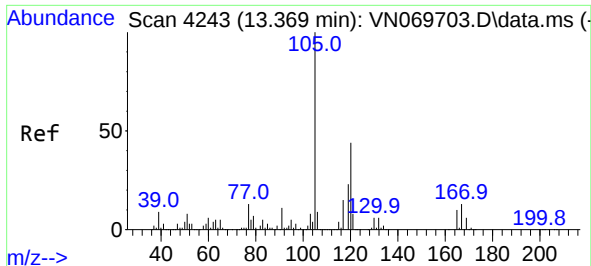
Tgt Ion: 91 Resp: 88082
Ion Ratio Lower Upper
91 100
126 1.9 18.2 54.6#



#83
tert-Butylbenzene
Concen: 4.411 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.046 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 119 Resp: 355663
Ion Ratio Lower Upper
119 100
91 91.1 31.5 94.5
134 0.0 12.4 37.4#

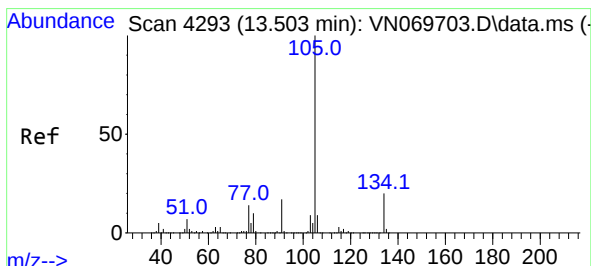
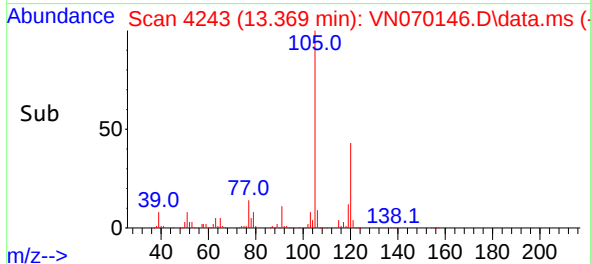
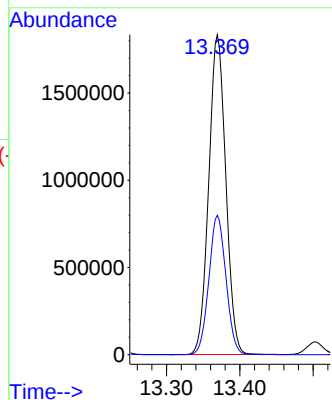
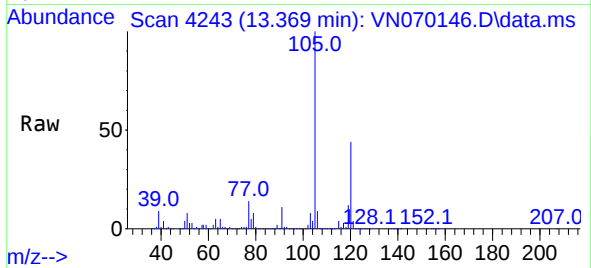




#84
1,2,4-Trimethylbenzene
Concen: 34.176 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

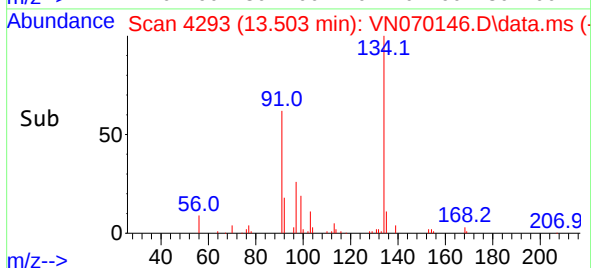
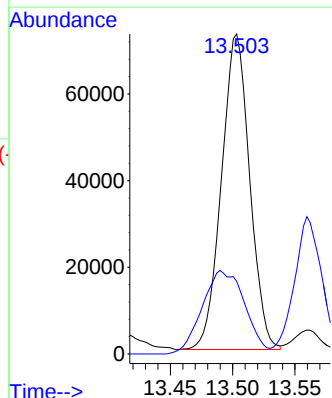
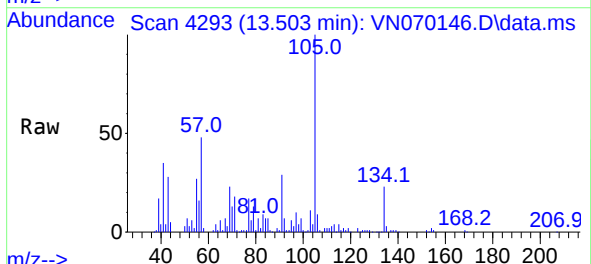
Instrument :
MSVOA_N
ClientSampleId :

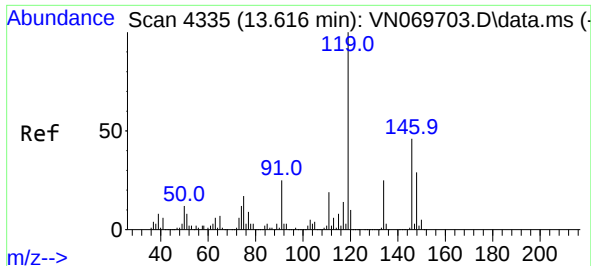
Tgt Ion:105 Resp: 2963428
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.050 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

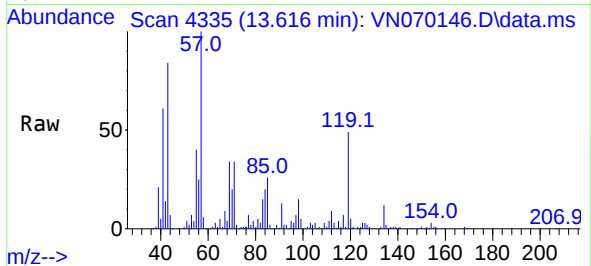
Tgt Ion:105 Resp: 114821
Ion Ratio Lower Upper
105 100
134 39.7 10.4 31.1#



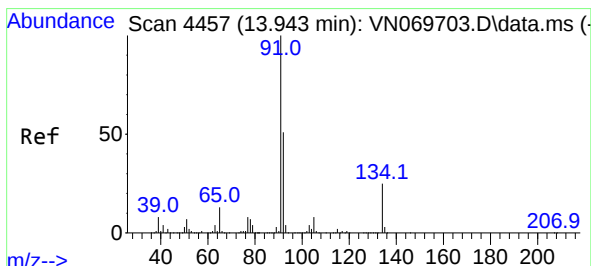
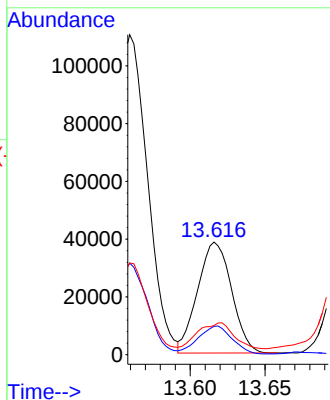
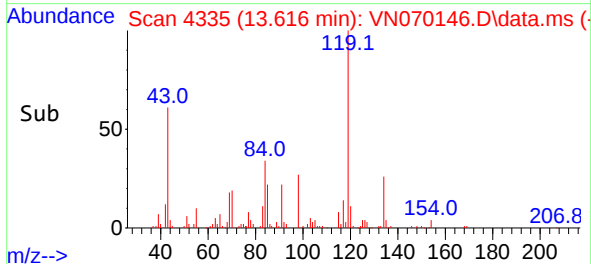


#86
p-Isopropyltoluene
Concen: 0.709 ug/l
RT: 13.616 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

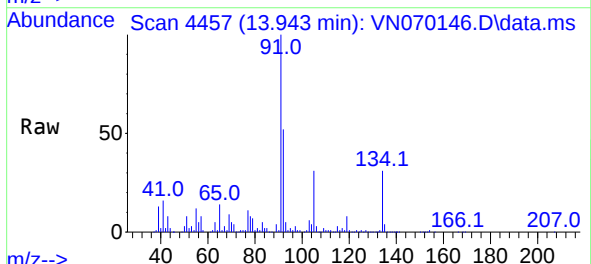
Instrument :
MSVOA_N
ClientSampleId :



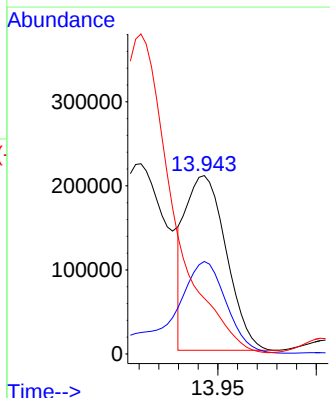
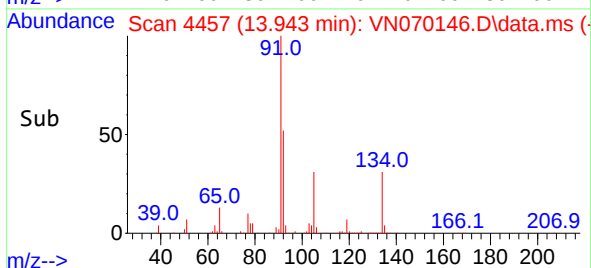
Tgt Ion:119 Resp: 60625
Ion Ratio Lower Upper
119 100
134 25.1 13.6 40.7
91 26.3 11.4 34.1

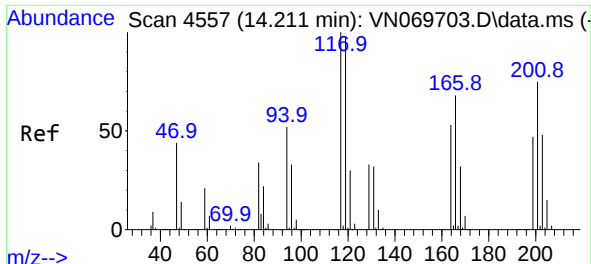


#89
n-Butylbenzene
Concen: 4.317 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48



Tgt Ion: 91 Resp: 299358
Ion Ratio Lower Upper
91 100
92 70.1 25.4 76.0
134 0.0 13.6 40.8#

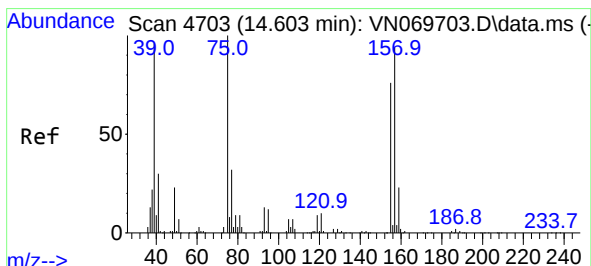
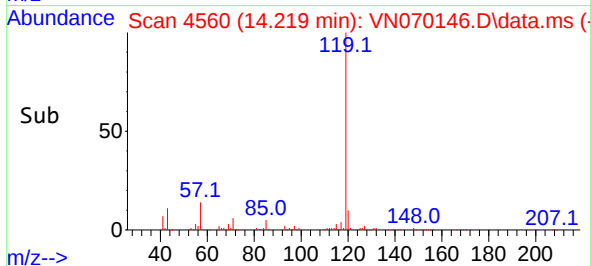
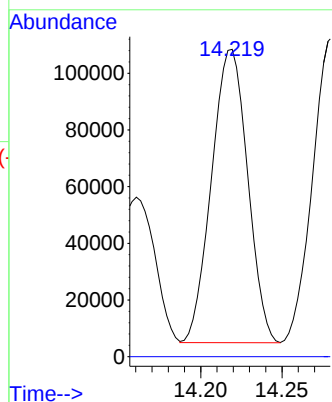
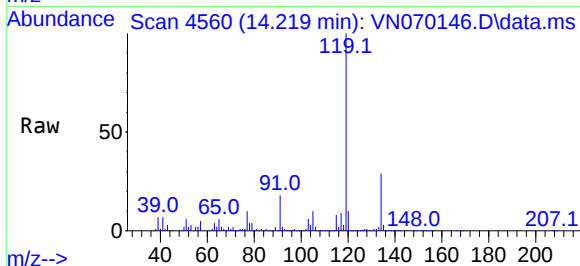




#90
Hexachloroethane
Concen: 10.644 ug/l
RT: 14.219 min Scan# 41
Delta R.T. 0.008 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

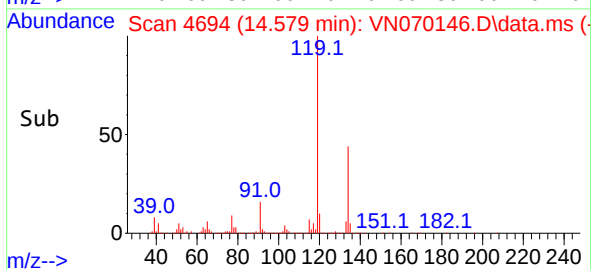
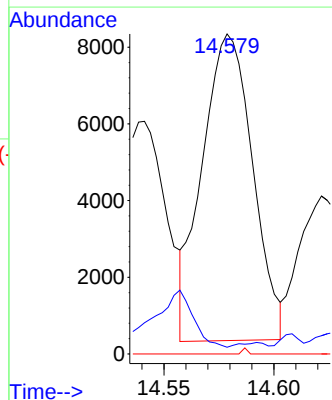
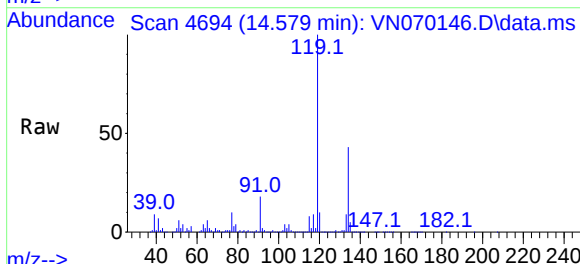
Instrument :
MSVOA_N
ClientSampleId :

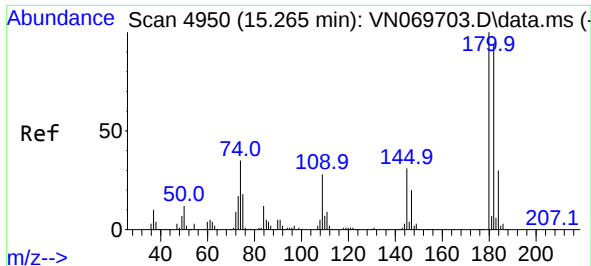
Tgt Ion:117 Resp: 159744
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.808 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.024 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

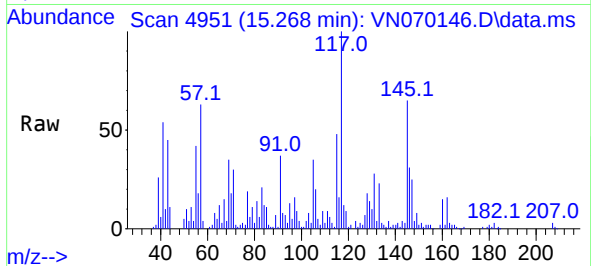
Tgt Ion: 75 Resp: 12783
Ion Ratio Lower Upper
75 100
155 0.8 46.9 140.7#
157 0.2 60.6 181.7#



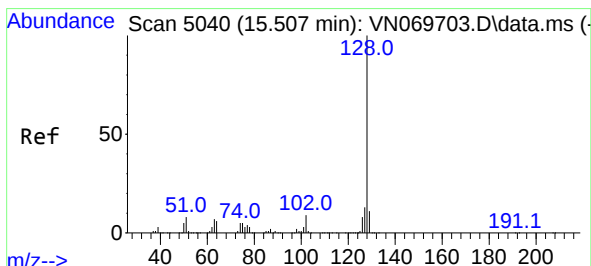
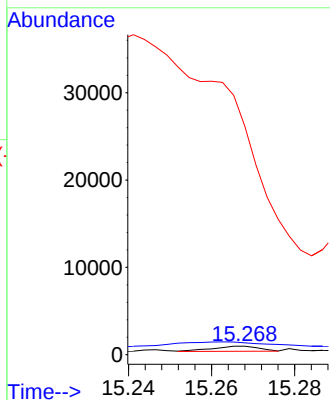
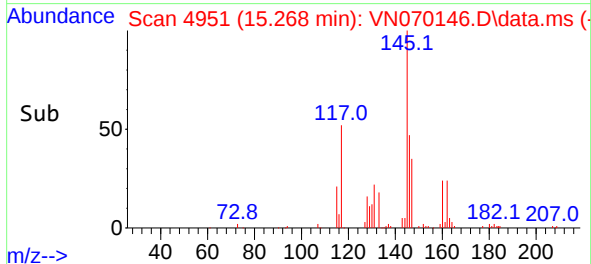


#93
1,2,4-Trichlorobenzene
Concen: 2.899 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :

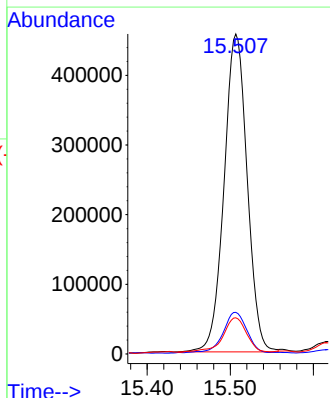
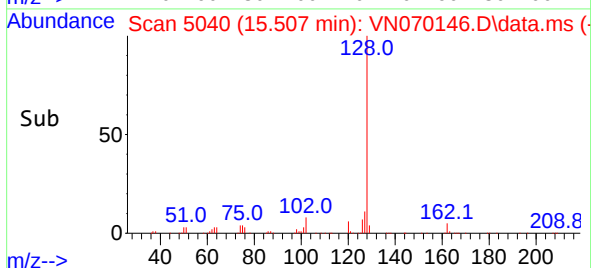
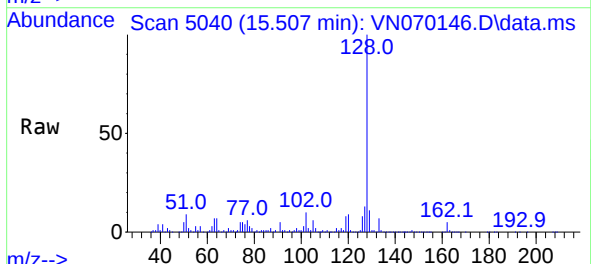


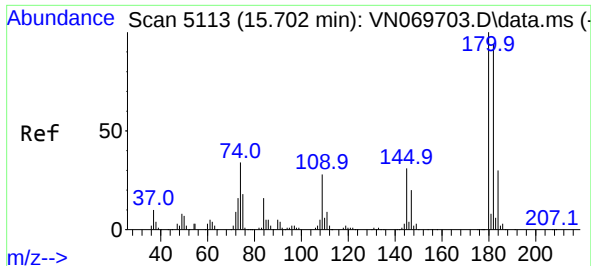
Tgt Ion:180 Resp: 456
Ion Ratio Lower Upper
180 100
182 599.8 48.3 144.9#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 17.040 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070146.D
Acq: 16 Dec 2021 18:48

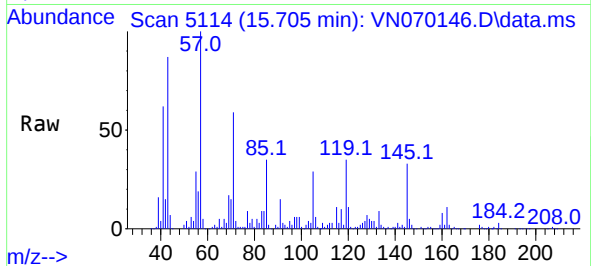
Tgt Ion:128 Resp: 881392
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.465 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN070146.D
 Acq: 16 Dec 2021 18:48

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 638
 Ion Ratio Lower Upper
 180 100
 182 51.9 47.4 142.2
 145 0.0 15.0 45.1#

