

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070015.D
 Acq On : 11 Dec 2021 18:10
 Operator : JC/MD
 Sample : M4873-02 10X
 Misc : 6.27g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 16:24:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1175729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2176237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2621599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1201027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	885356	48.771	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.540%
35) Dibromofluoromethane	8.024	113	646624	47.436	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.880%
50) Toluene-d8	10.443	98	2906604	53.103	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.200%
62) 4-Bromofluorobenzene	12.734	95	1387843	69.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	139.980%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3465	0.202	ug/l	99
11) Tert butyl alcohol	5.318	59	22562	6.575	ug/l #	71
13) Acrolein	3.985	56	9324	3.191	ug/l #	1
14) Allyl chloride	4.934	41	18602	0.737	ug/l #	79
15) Acrylonitrile	5.616	53	26198	2.833	ug/l #	41
16) Acetone	4.245	43	55917	5.121	ug/l #	58
18) Methyl Acetate	4.913	43	10861	0.330	ug/l #	52
20) Methylene Chloride	5.090	84	6862	0.473	ug/l #	32
23) Vinyl Acetate	6.466	43	8791	0.219	ug/l #	72
25) 2-Butanone	7.327	43	15609	1.052	ug/l #	57
31) Cyclohexane	8.083	56	318622	12.612	ug/l #	74
36) 1,1-Dichloropropene	8.086	75	99022	4.780	ug/l #	49
37) Ethyl Acetate	7.327	43	15609	0.506	ug/l #	74
38) Carbon Tetrachloride	8.083	117	118099	5.813	ug/l #	16
39) Methylcyclohexane	9.459	83	322515	13.088	ug/l #	79
40) Benzene	8.461	78	394563	6.231	ug/l	99
41) Methacrylonitrile	7.670	41	5346	0.369	ug/l #	32
43) Isopropyl Acetate	8.558	43	50622	1.109	ug/l #	55
47) Bromodichloromethane	9.748	83	20848	0.987	ug/l #	25
48) Methyl methacrylate	9.596	41	49614	2.330	ug/l #	22
51) 4-Methyl-2-Pentanone	10.371	43	171119	5.781	ug/l #	77
52) Toluene	10.505	92	229971	5.948	ug/l	99
53) t-1,3-Dichloropropene	10.727	75	297	2.805	ug/l #	1
54) cis-1,3-Dichloropropene	10.309	75	110	2.003	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	66771	4.281	ug/l #	37
56) Ethyl methacrylate	10.786	69	5323	2.452	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.014	63	732	18.474	ug/l #	45
59) 2-Hexanone	11.055	43	63258	2.825	ug/l #	27
60) Dibromochloromethane	11.323	129	50	2.379	ug/l	65
67) Ethyl Benzene	11.846	91	1792053	18.550	ug/l	96
68) m/p-Xylenes	11.950	106	2148725	61.085	ug/l	92
69) o-Xylene	12.283	106	660417	18.639	ug/l	91
70) Styrene	12.283	104	35394	0.630	ug/l #	1
71) Bromoform	12.471	173	439	2.757	ug/l #	29
73) Isopropylbenzene	12.581	105	216125	2.023	ug/l	100
74) N-amyl acetate	12.369	43	51012	1.079	ug/l #	51

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

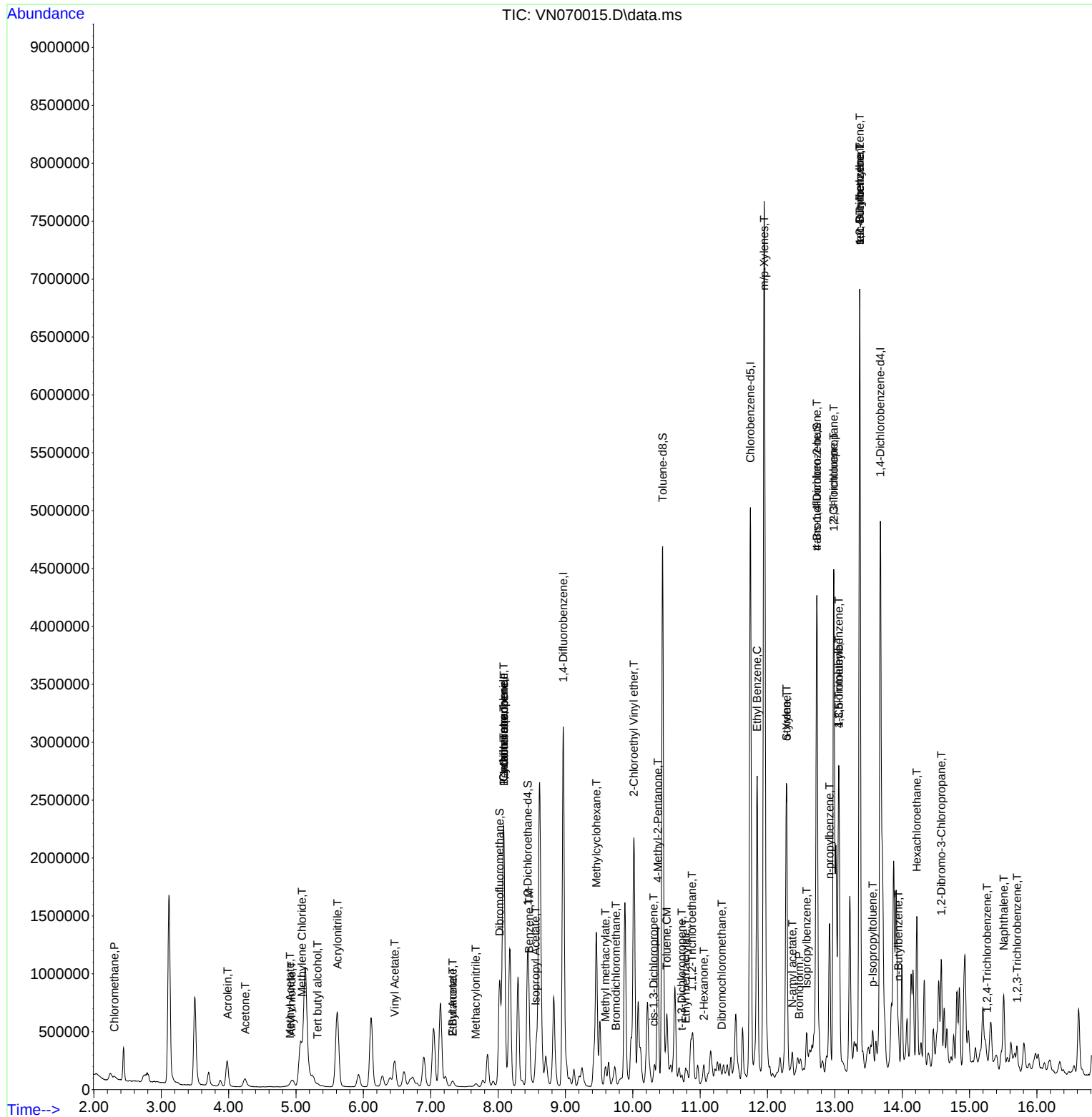
76) 1,2,3-Trichloropropane	12.986	75	24197	0.703	ug/l #	1
78) n-propylbenzene	12.921	91	996323	8.379	ug/l	95
79) 2-Chlorotoluene	12.983	91	326307	4.343	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.061	105	1159415	13.480	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.734	75	772544	71.509	ug/l #	5
82) 4-Chlorotoluene	13.061	91	128902	1.824	ug/l #	39
83) tert-Butylbenzene	13.369	119	450824	5.920	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.369	105	3784227	46.200	ug/l	97
85) sec-Butylbenzene	13.369	105	3784227	36.633	ug/l #	56
86) p-Isopropyltoluene	13.560	119	126523	1.567	ug/l	98
89) n-Butylbenzene	13.943	91	149477	2.282	ug/l #	67
90) Hexachloroethane	14.217	117	60190	4.246	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	2627	0.393	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.260	180	698	2.911	ug/l #	1
95) Naphthalene	15.507	128	539070	12.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	548	2.463	ug/l #	38

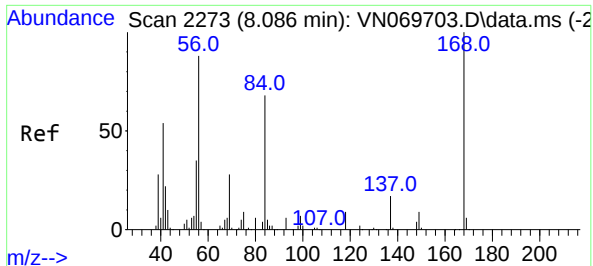
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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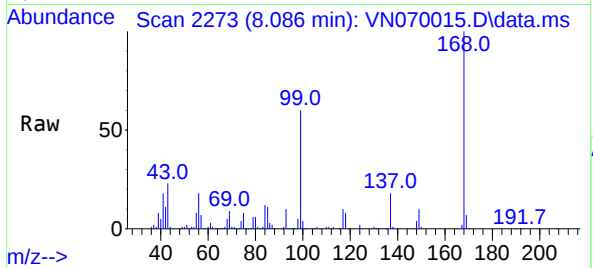
Quant Time: Dec 12 16:24:37 2021
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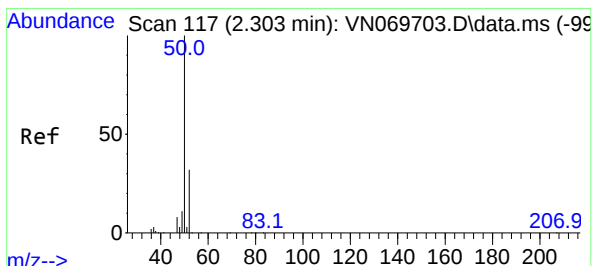
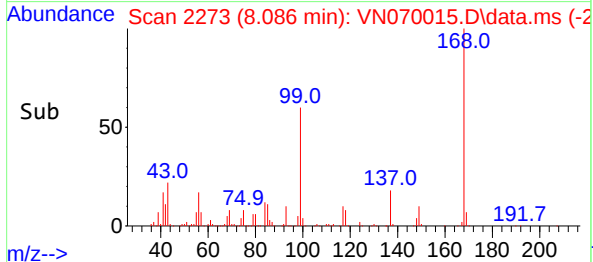
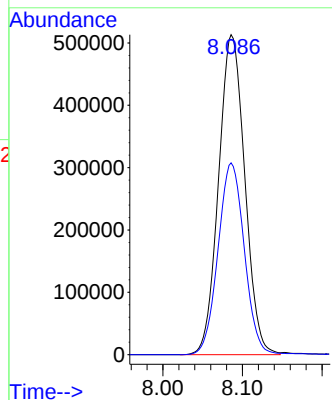


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Instrument :
MSVOA_N
ClientSampleId :

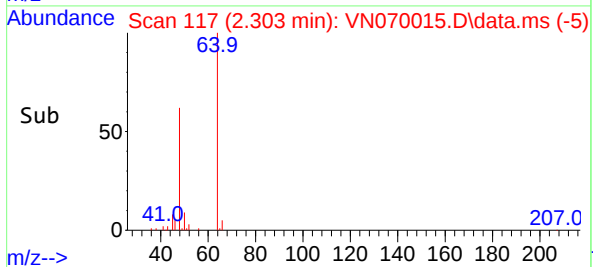
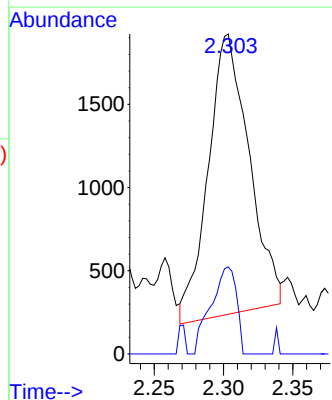
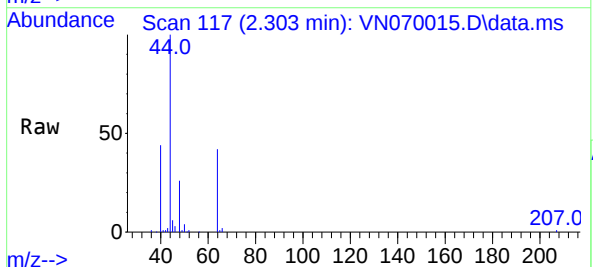


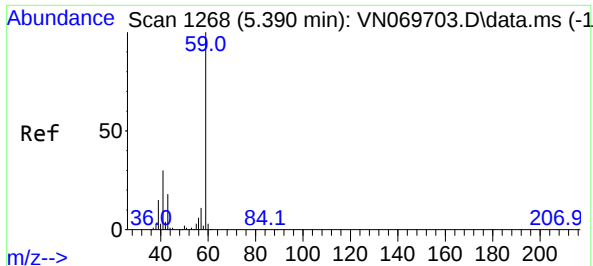
Tgt Ion:168 Resp: 1175729
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

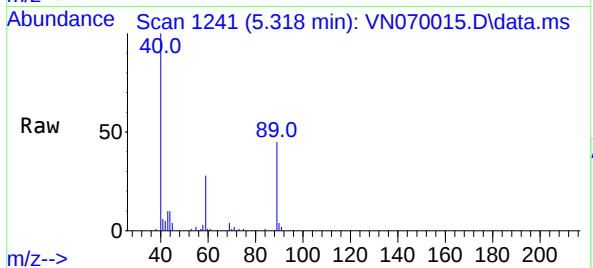
Tgt Ion: 50 Resp: 3465
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0



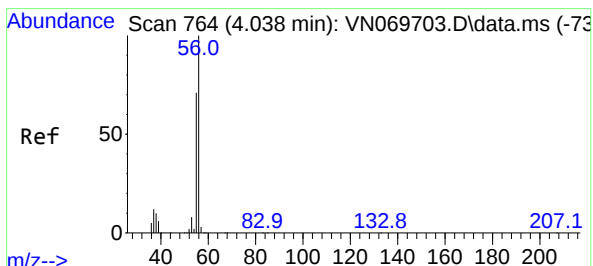
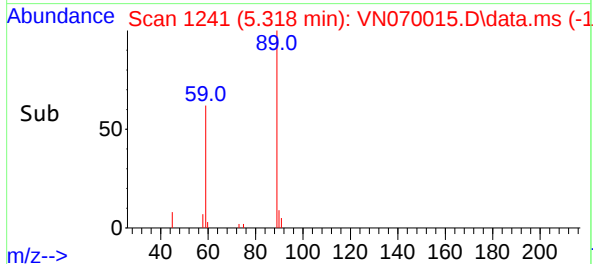
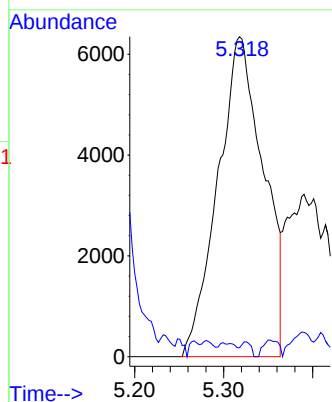


#11
Tert butyl alcohol
Concen: 6.575 ug/l
RT: 5.318 min Scan# 11
Delta R.T. -0.072 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Instrument :
MSVOA_N
ClientSampleId :

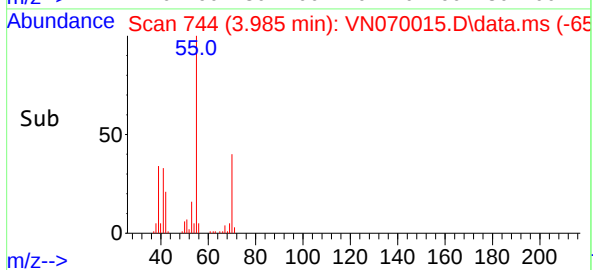
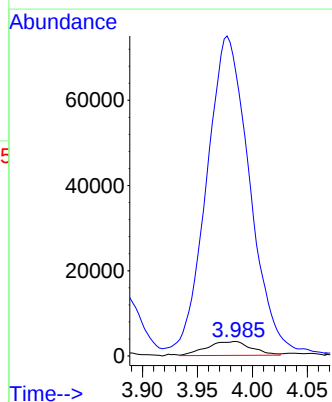
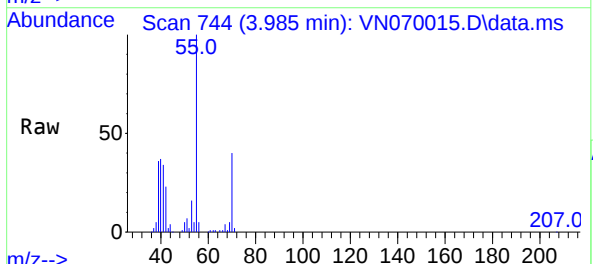


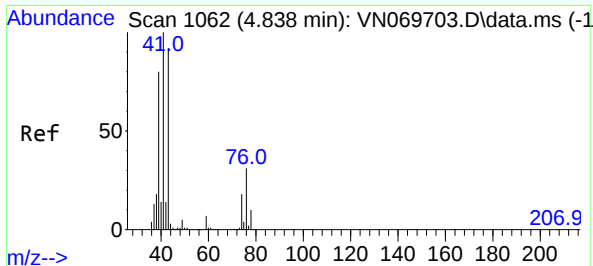
Tgt Ion: 59 Resp: 22562
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 3.191 ug/l
RT: 3.985 min Scan# 744
Delta R.T. -0.053 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

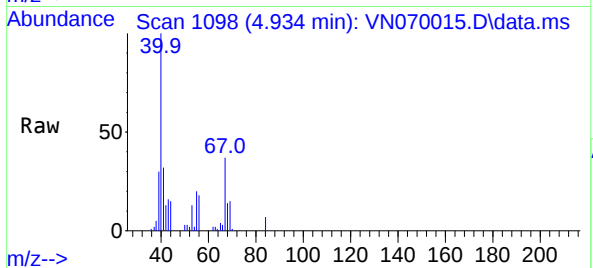
Tgt Ion: 56 Resp: 9324
Ion Ratio Lower Upper
56 100
55 2214.8 56.6 85.0#



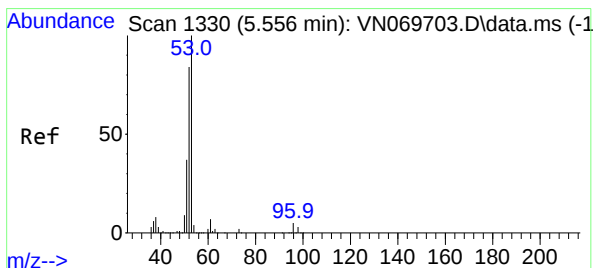
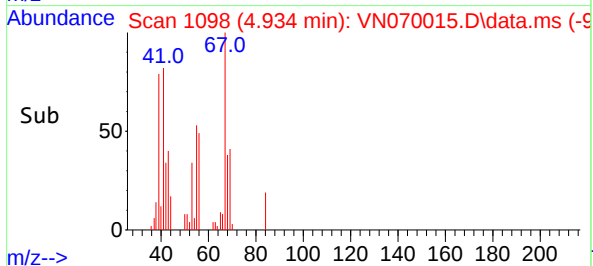
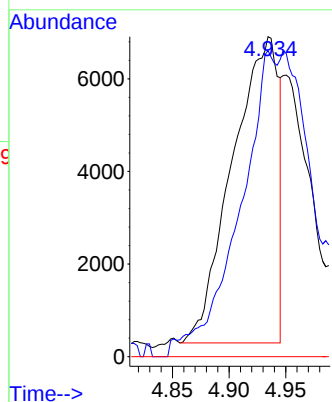


#14
 Allyl chloride
 Concen: 0.737 ug/l
 RT: 4.934 min Scan# 1098
 Delta R.T. 0.097 min
 Lab File: VN070015.D
 Acq: 11 Dec 2021 18:10

Instrument :
 MSVOA_N
 ClientSampleId :

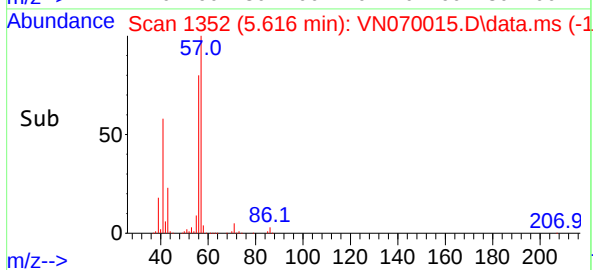
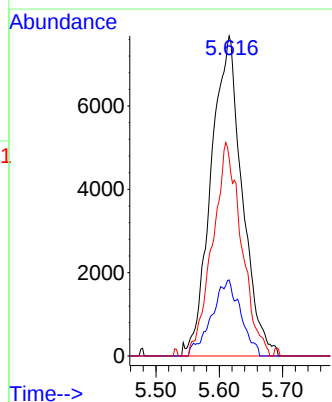
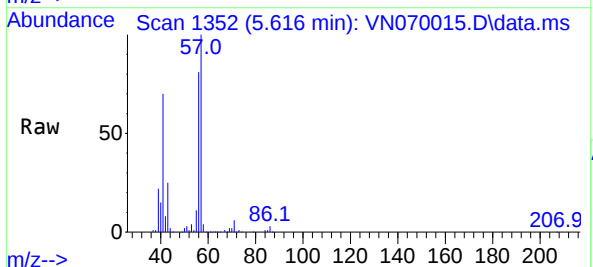


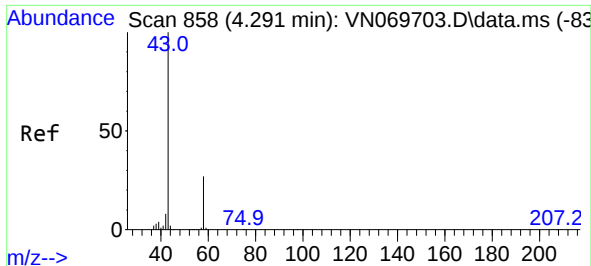
Tgt Ion: 41 Resp: 18602
 Ion Ratio Lower Upper
 41 100
 39 80.5 61.2 91.8
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 2.833 ug/l
 RT: 5.616 min Scan# 1352
 Delta R.T. 0.059 min
 Lab File: VN070015.D
 Acq: 11 Dec 2021 18:10

Tgt Ion: 53 Resp: 26198
 Ion Ratio Lower Upper
 53 100
 52 22.2 66.2 99.2#
 51 62.0 29.6 44.4#

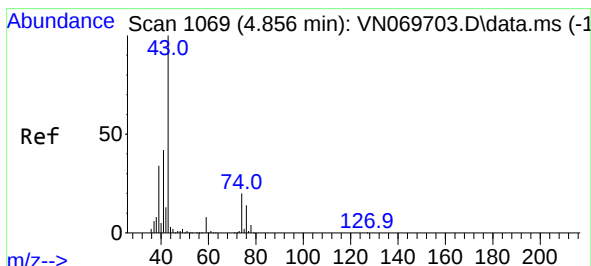
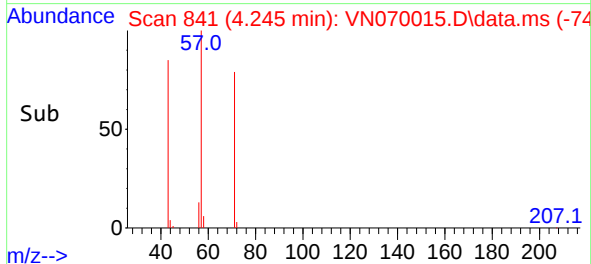
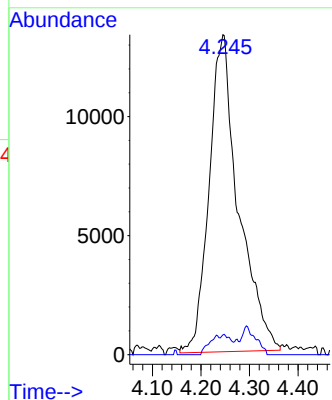
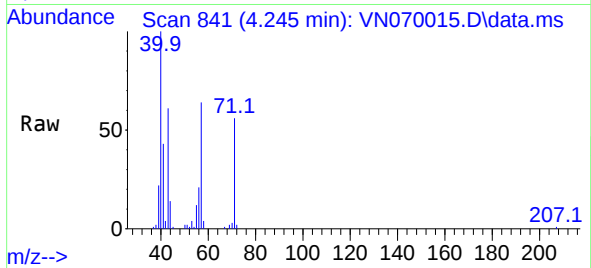




#16
Acetone
Concen: 5.121 ug/l
RT: 4.245 min Scan# 84
Delta R.T. -0.045 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

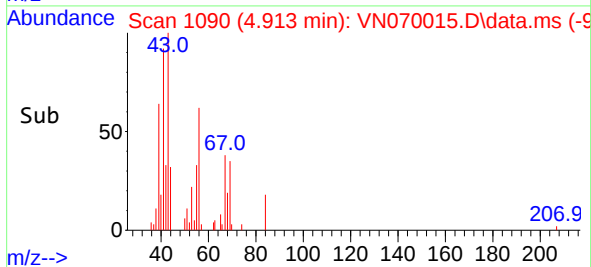
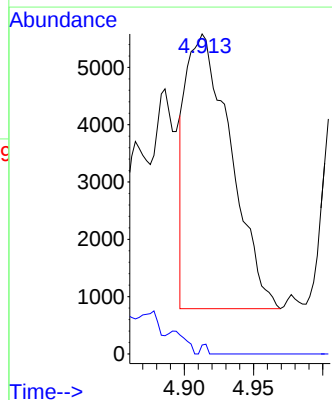
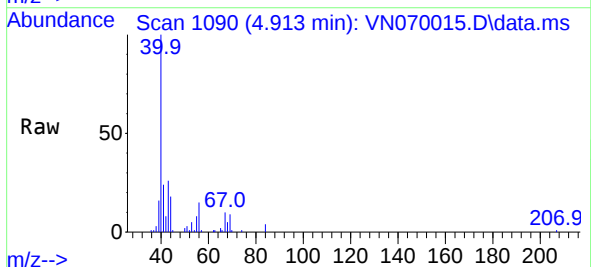
Instrument :
MSVOA_N
ClientSampleId :

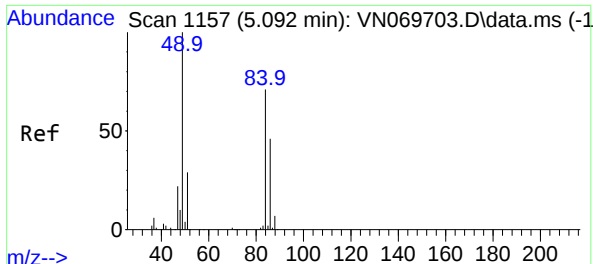
Tgt Ion: 43 Resp: 55917
Ion Ratio Lower Upper
43 100
58 6.3 23.1 34.7#



#18
Methyl Acetate
Concen: 0.330 ug/l
RT: 4.913 min Scan# 1090
Delta R.T. 0.056 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

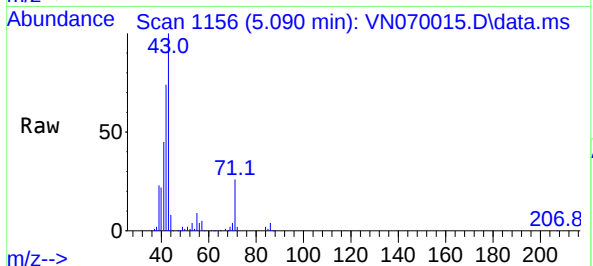
Tgt Ion: 43 Resp: 10861
Ion Ratio Lower Upper
43 100
74 0.5 19.4 29.2#





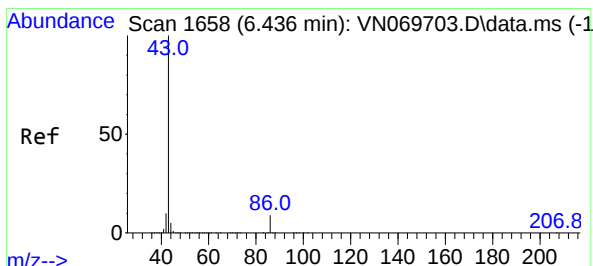
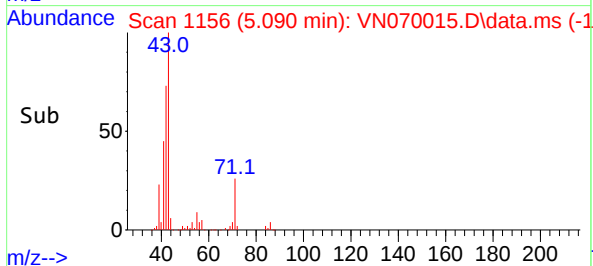
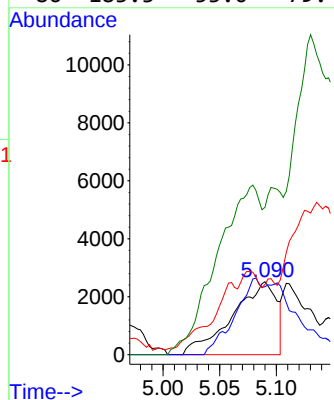
#20
Methylene Chloride
Concen: 0.473 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

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Tgt Ion: 84 Resp: 6862

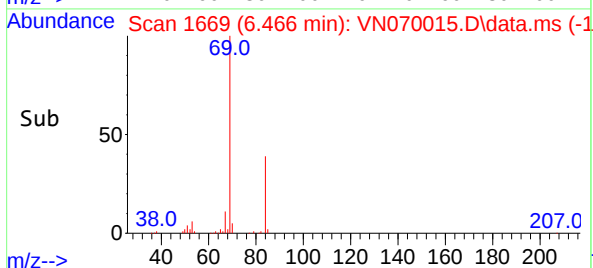
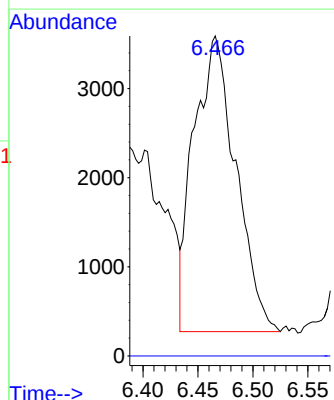
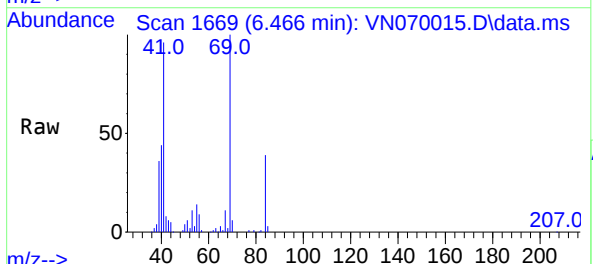
Ion	Ratio	Lower	Upper
84	100		
49	93.2	93.5	140.3#
51	80.4	29.4	44.2#
86	183.3	53.0	79.4#

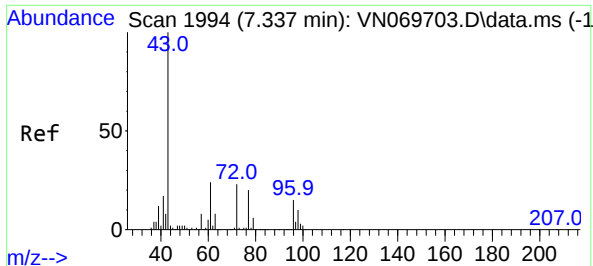


#23
Vinyl Acetate
Concen: 0.219 ug/l
RT: 6.466 min Scan# 1669
Delta R.T. 0.030 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 43 Resp: 8791

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.5	12.7#

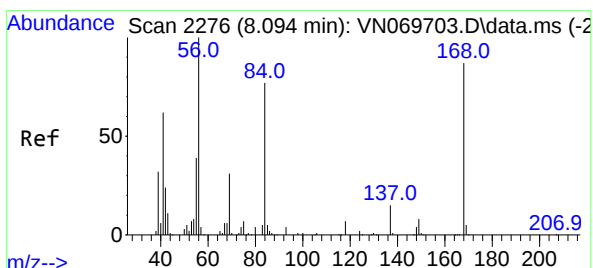
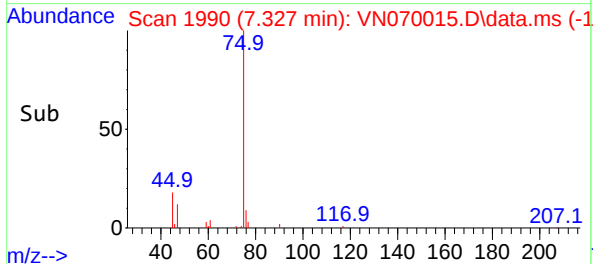
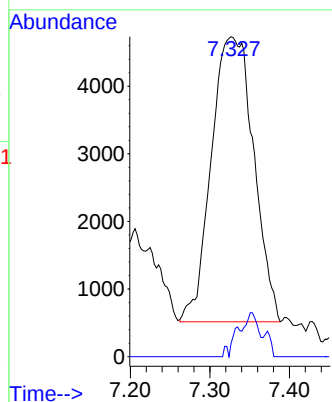
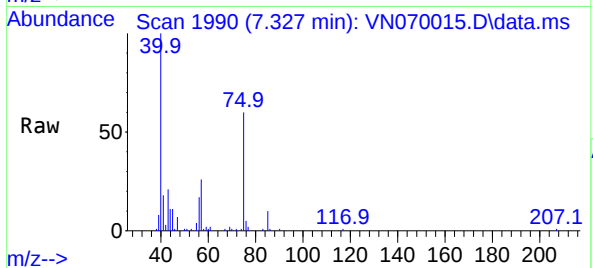




#25
2-Butanone
Concen: 1.052 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.011 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

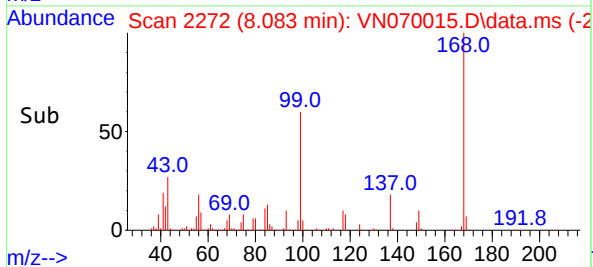
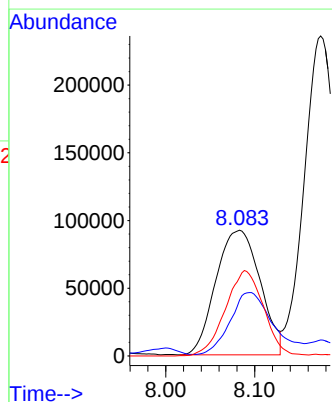
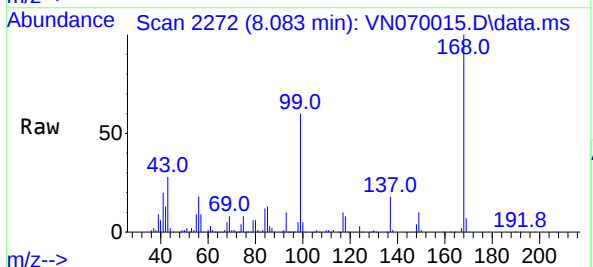
Instrument :
MSVOA_N
ClientSampleId :

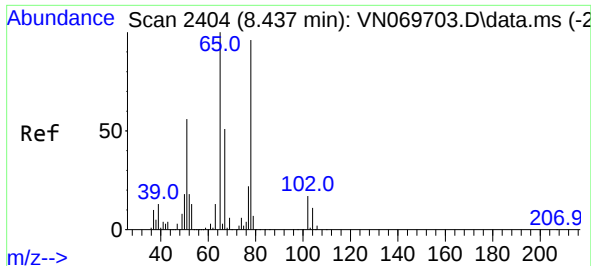
Tgt Ion: 43 Resp: 15609
Ion Ratio Lower Upper
43 100
72 4.6 21.7 32.5#



#31
Cyclohexane
Concen: 12.612 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 56 Resp: 318622
Ion Ratio Lower Upper
56 100
69 41.4 27.1 40.7#
84 62.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 48.771 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070015.D

Acq: 11 Dec 2021 18:10

Instrument :

MSVOA_N

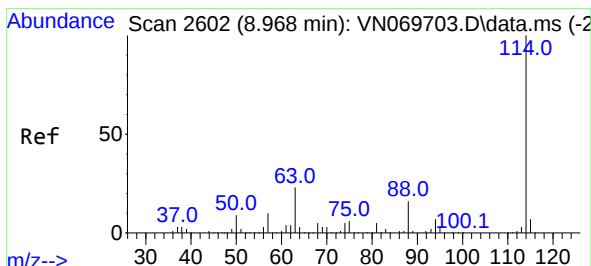
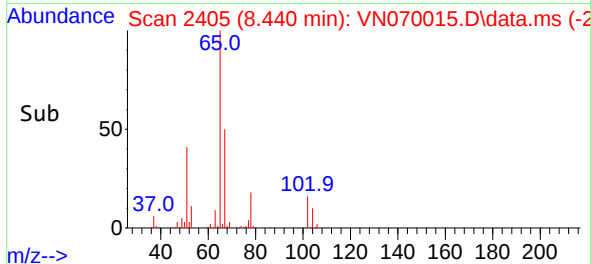
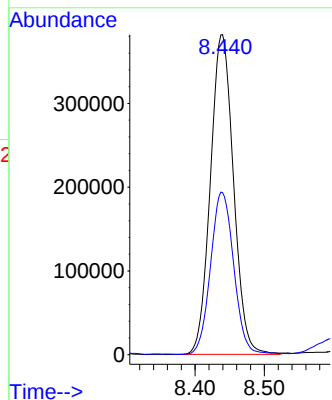
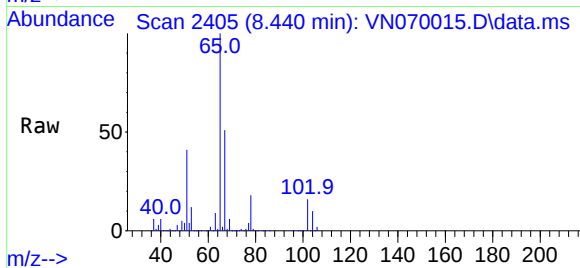
ClientSampleId :

Tgt Ion: 65 Resp: 885356

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070015.D

Acq: 11 Dec 2021 18:10

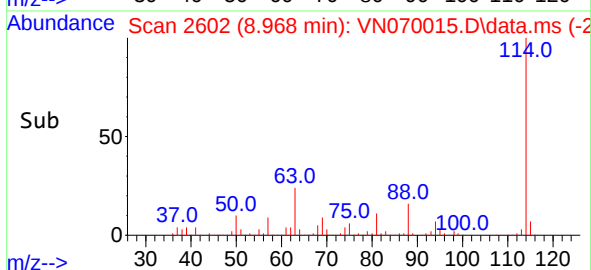
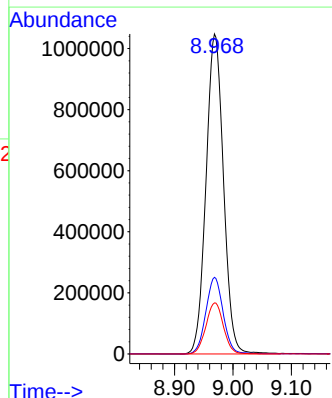
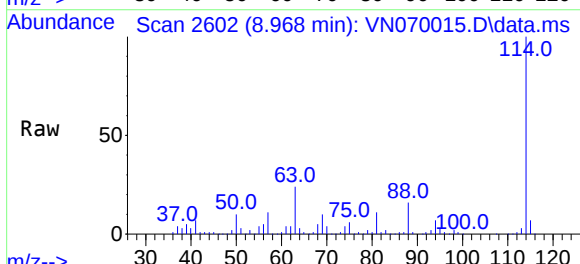
Tgt Ion: 114 Resp: 2176237

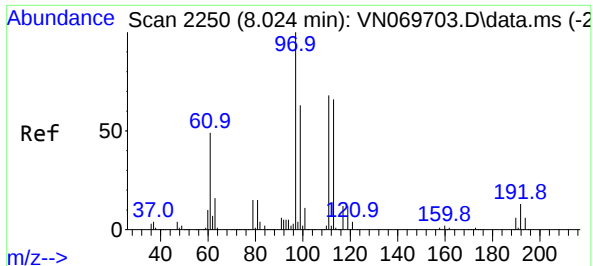
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

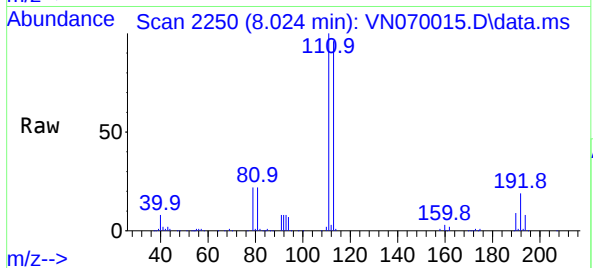
88 15.9 0.0 27.4



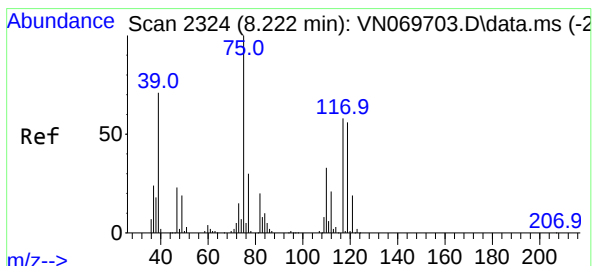
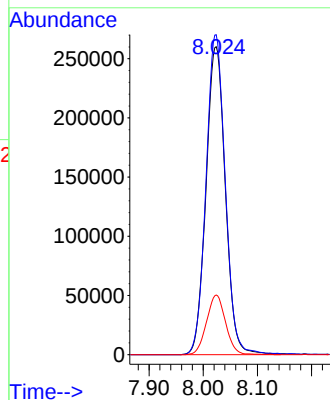
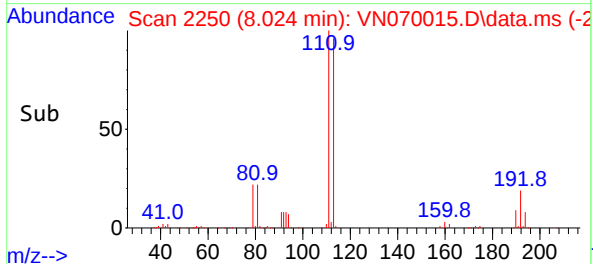


#35
Dibromofluoromethane
Concen: 47.436 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Instrument :
MSVOA_N
ClientSampleId :

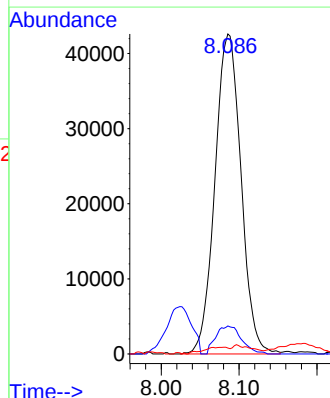
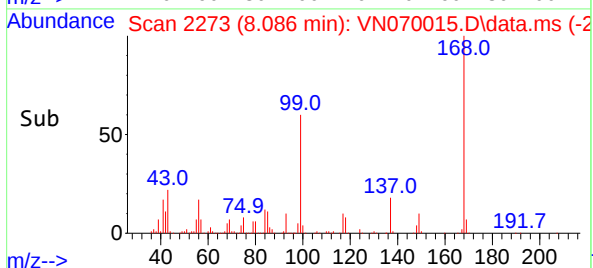
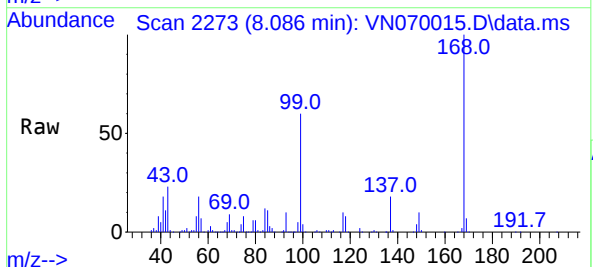


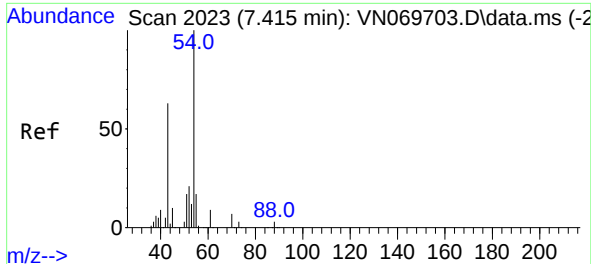
Tgt Ion:113 Resp: 646624
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 75 Resp: 99022
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.506 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.088 min

Lab File: VN070015.D

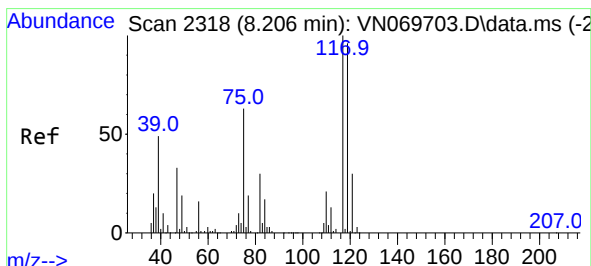
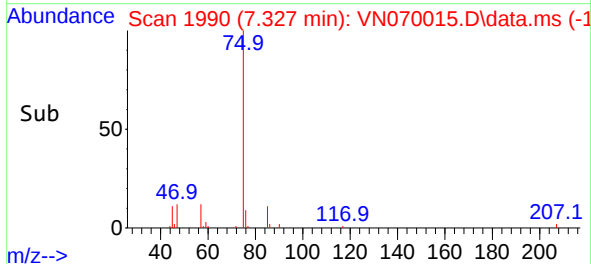
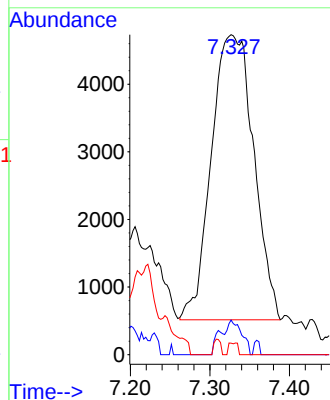
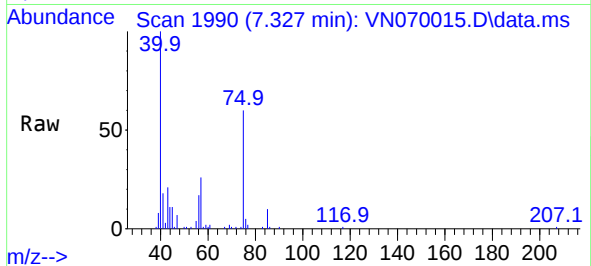
Acq: 11 Dec 2021 18:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	15609
Ion	Ratio	Lower	Upper
43	100		
61	4.2	11.5	17.3#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 5.813 ug/l

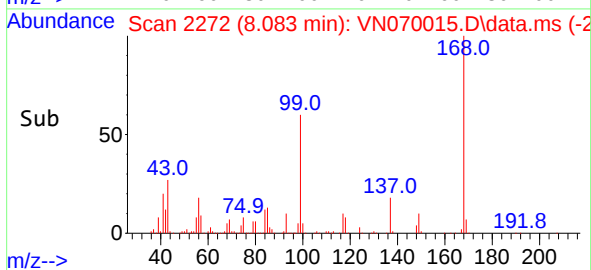
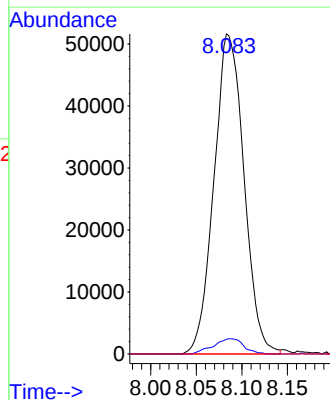
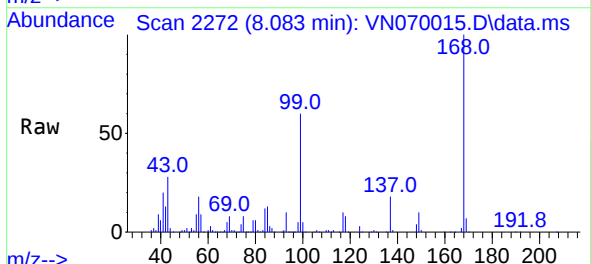
RT: 8.083 min Scan# 2272

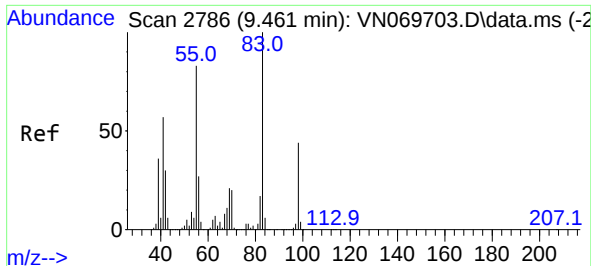
Delta R.T. -0.123 min

Lab File: VN070015.D

Acq: 11 Dec 2021 18:10

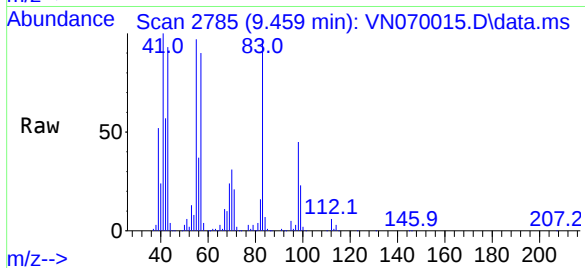
Tgt Ion:	117	Resp:	118099
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.1	114.1#
121	0.0	24.2	36.2#



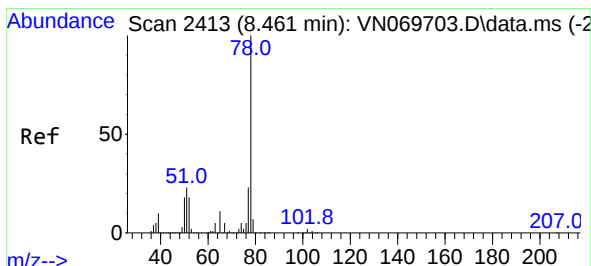
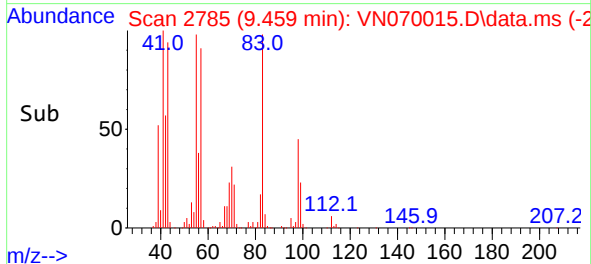
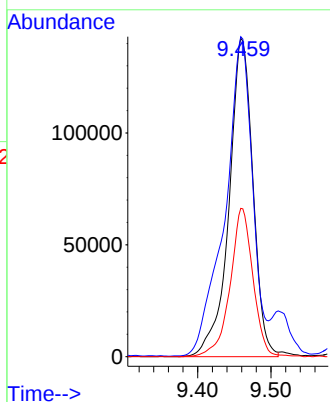


#39
Methylcyclohexane
Concen: 13.088 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Instrument :
MSVOA_N
ClientSampleId :

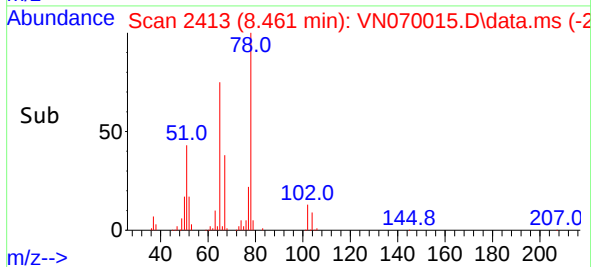
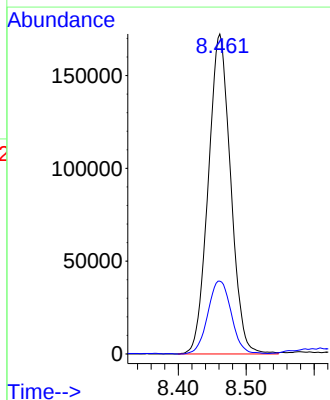
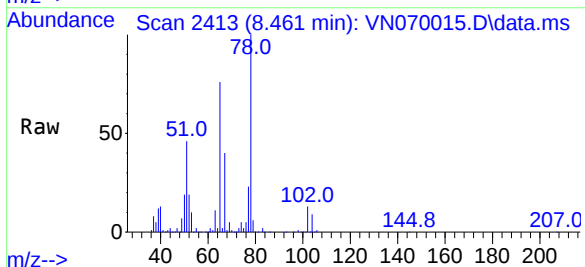


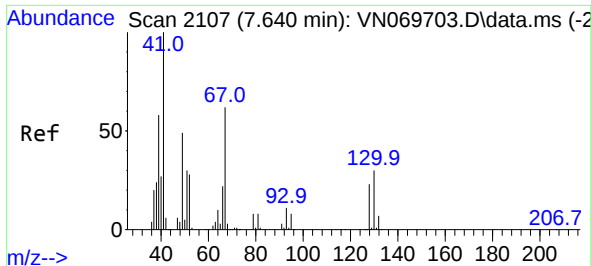
Tgt Ion: 83 Resp: 322515
Ion Ratio Lower Upper
83 100
55 100.3 58.1 87.1#
98 46.6 38.4 57.6



#40
Benzene
Concen: 6.231 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 78 Resp: 394563
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8

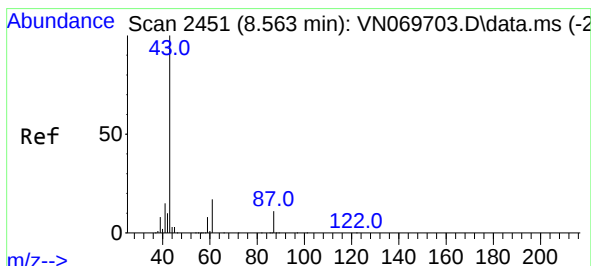
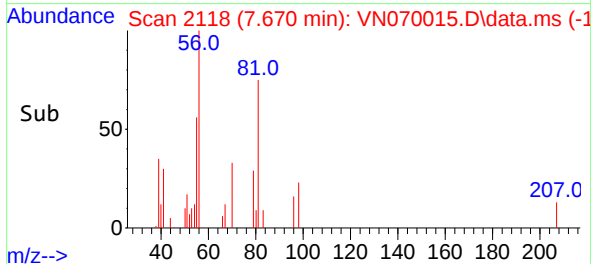
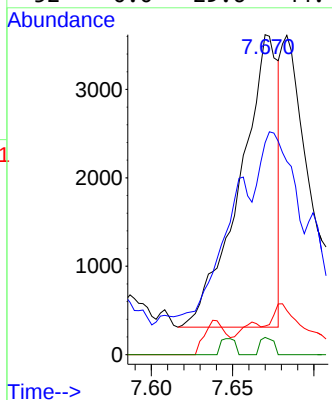
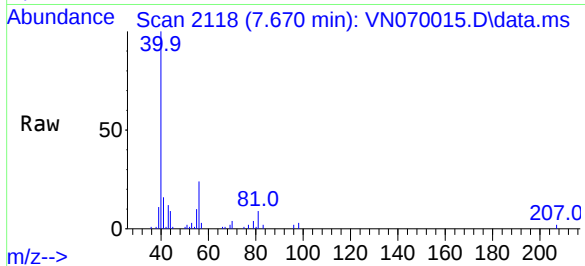




#41
Methacrylonitrile
Concen: 0.369 ug/l
RT: 7.670 min Scan# 2107
Delta R.T. 0.030 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

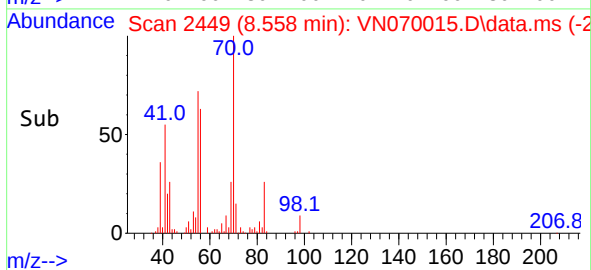
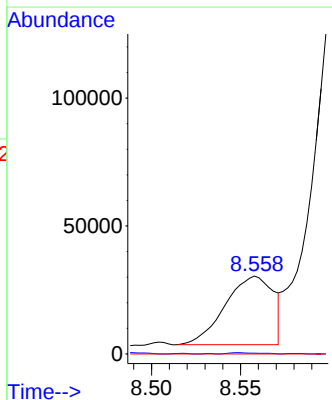
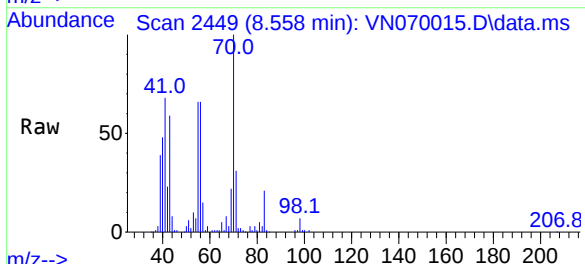
Instrument :
MSVOA_N
ClientSampleId :

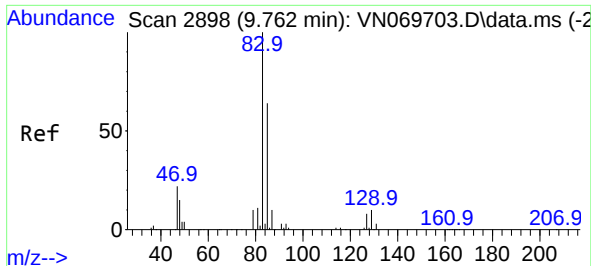
Tgt Ion:	41	Resp:	5346
Ion	Ratio	Lower	Upper
41	100		
39	34.2	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 1.109 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.005 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion:	43	Resp:	50622
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#

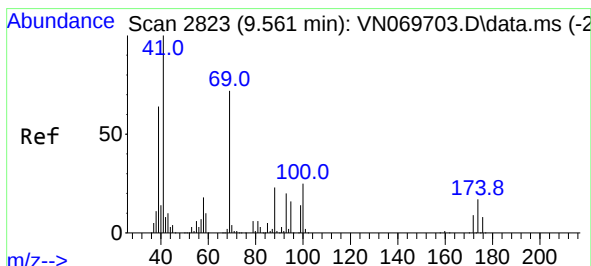
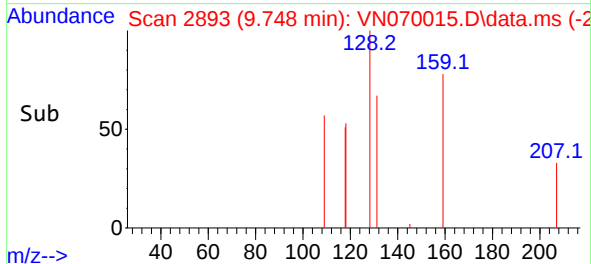
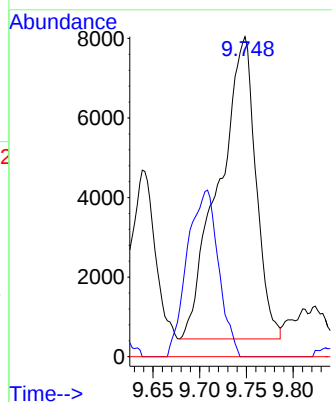
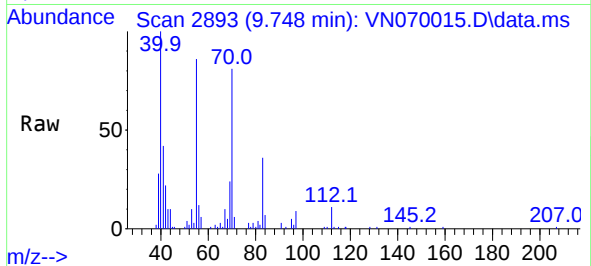




#47
Bromodichloromethane
Concen: 0.987 ug/l
RT: 9.748 min Scan# 21
Delta R.T. -0.013 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

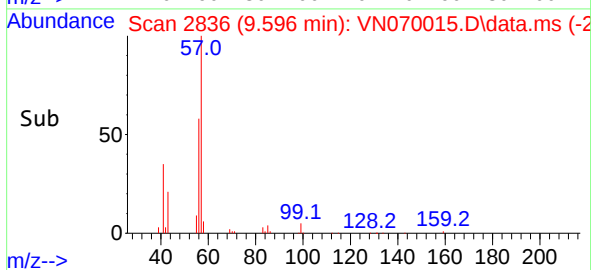
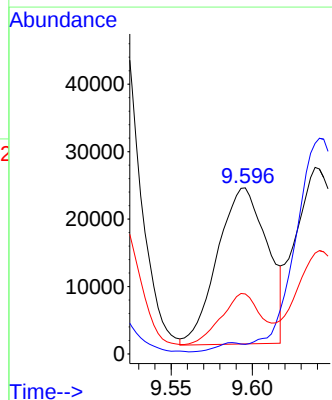
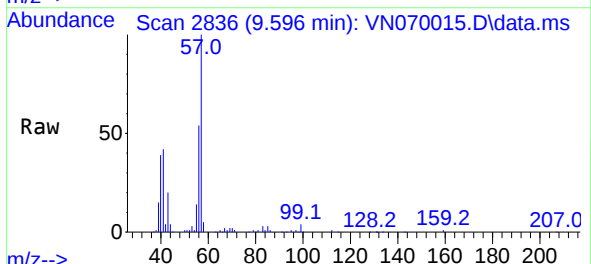
Instrument :
MSVOA_N
ClientSampleId :

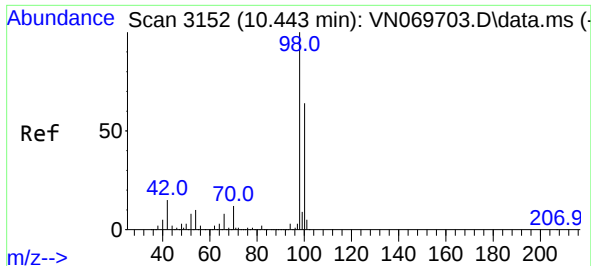
Tgt Ion: 83 Resp: 20848
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 2.330 ug/l
RT: 9.596 min Scan# 2836
Delta R.T. 0.035 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 41 Resp: 49614
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 25.5 58.4 87.6#

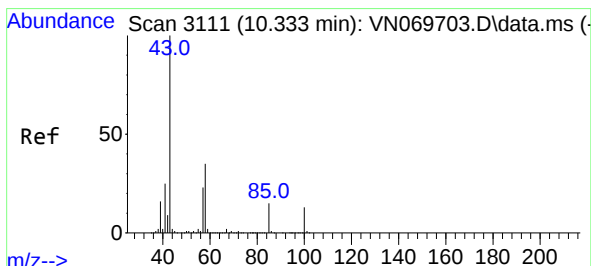
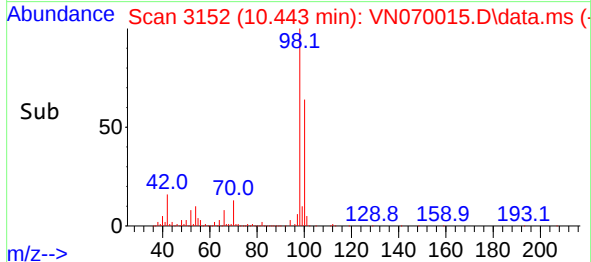
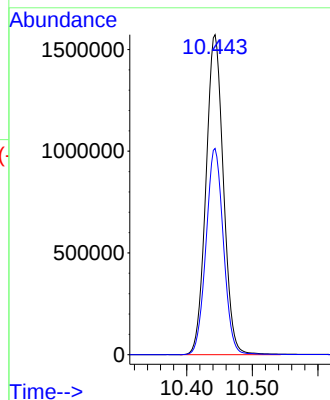
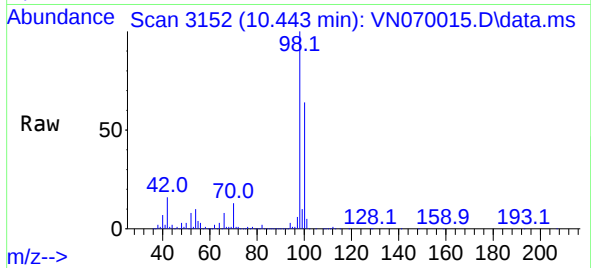




#50
Toluene-d8
Concen: 53.103 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

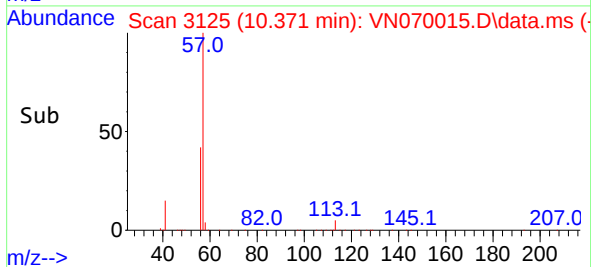
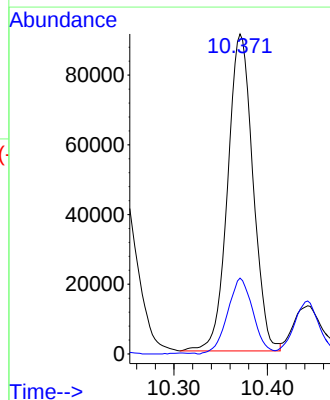
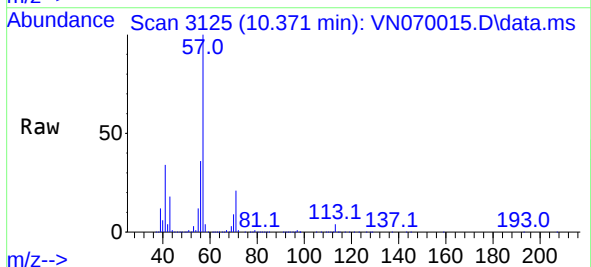
Instrument :
MSVOA_N
ClientSampleId :

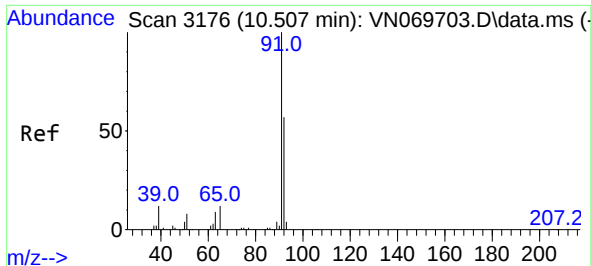
Tgt Ion: 98 Resp: 2906604
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 5.781 ug/l
RT: 10.371 min Scan# 3125
Delta R.T. 0.038 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 43 Resp: 171119
Ion Ratio Lower Upper
43 100
58 24.1 30.4 45.6#

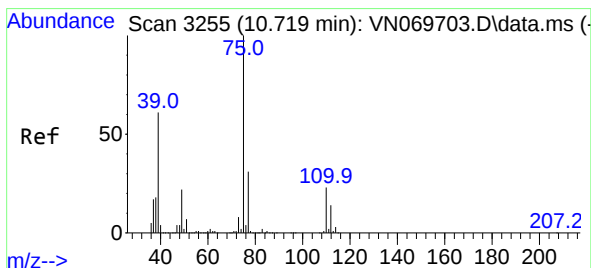
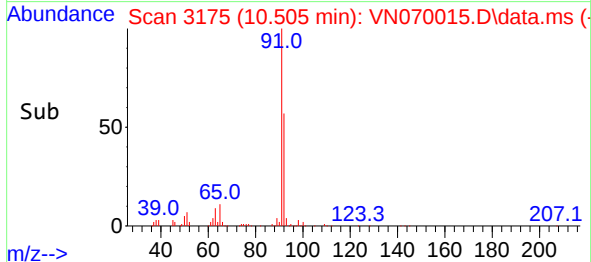
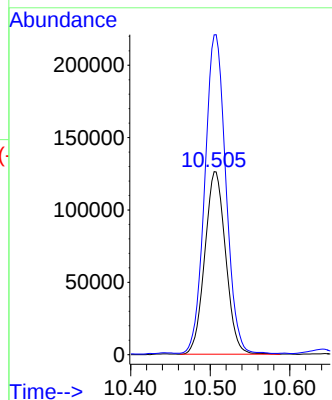
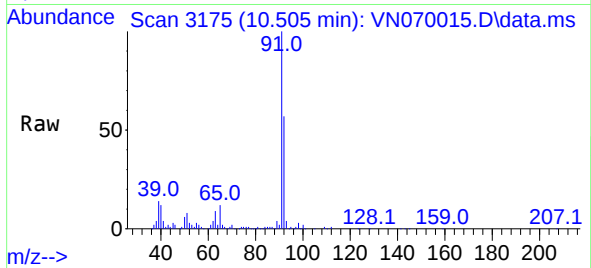




#52
Toluene
Concen: 5.948 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

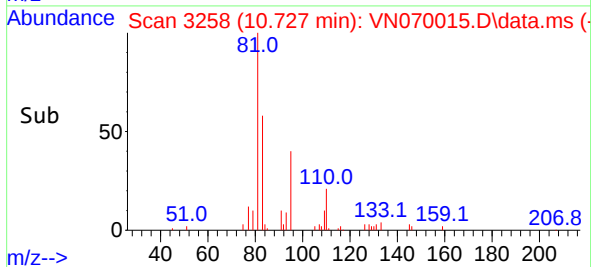
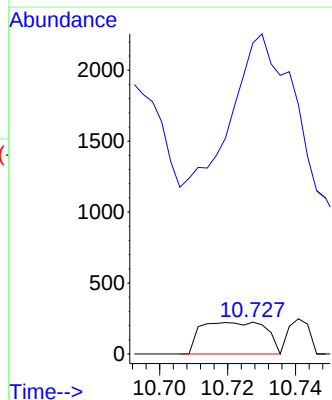
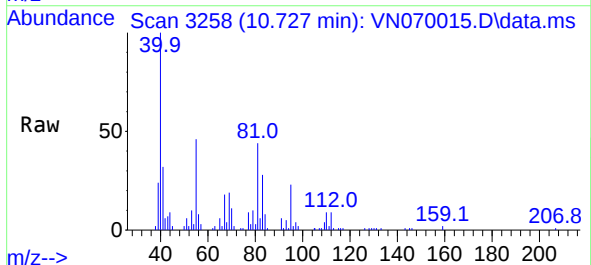
Instrument :
MSVOA_N
ClientSampleId :

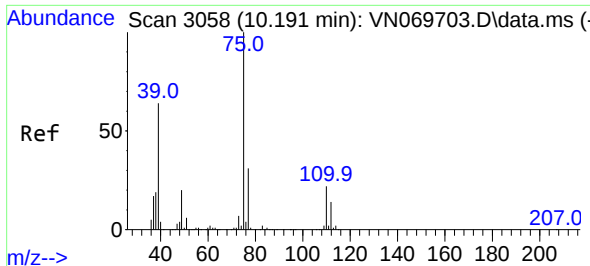
Tgt Ion: 92 Resp: 229971
Ion Ratio Lower Upper
92 100
91 175.9 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.805 ug/l
RT: 10.727 min Scan# 3258
Delta R.T. 0.008 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

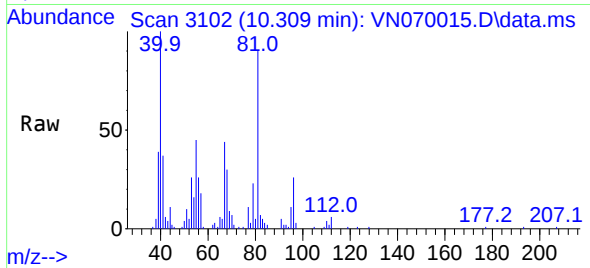
Tgt Ion: 75 Resp: 297
Ion Ratio Lower Upper
75 100
77 454.0 25.6 38.4#



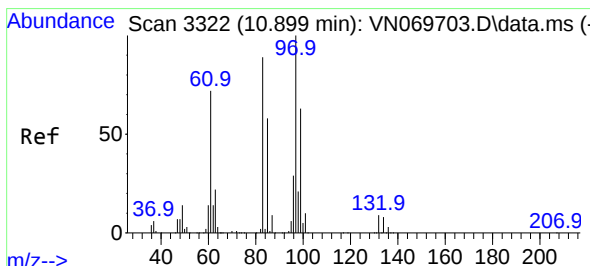
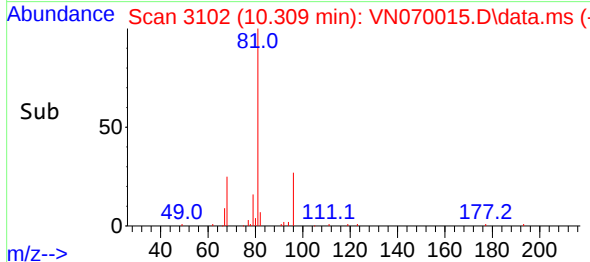
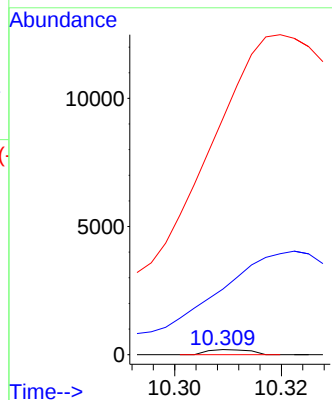


#54
 cis-1,3-Dichloropropene
 Concen: 2.003 ug/l
 RT: 10.309 min Scan# 3102
 Delta R.T. 0.118 min
 Lab File: VN070015.D
 Acq: 11 Dec 2021 18:10

Instrument :
 MSVOA_N
 ClientSampleId :

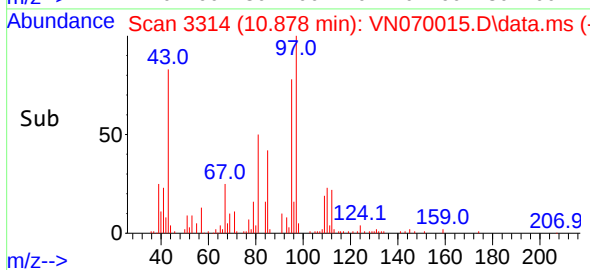
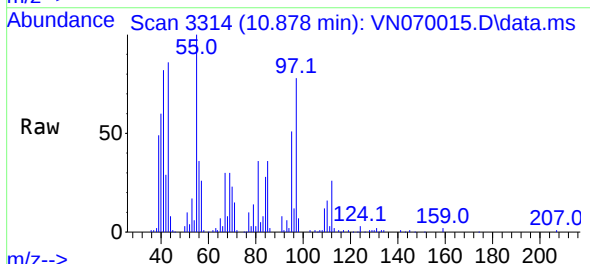
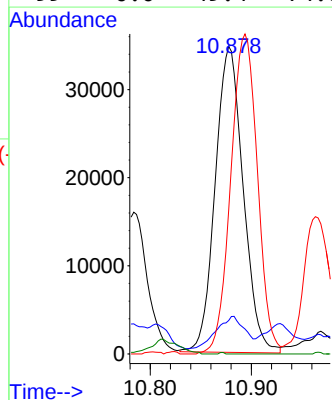


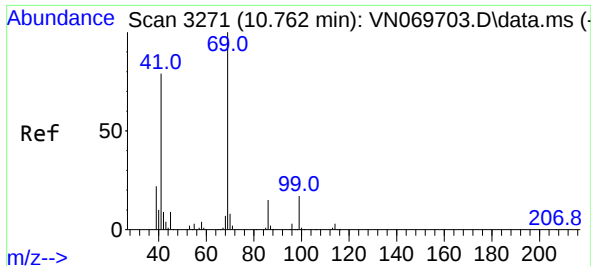
Tgt Ion: 75 Resp: 110
 Ion Ratio Lower Upper
 75 100
 77 574.6 26.4 39.6#
 39 1914.2 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 4.281 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN070015.D
 Acq: 11 Dec 2021 18:10

Tgt Ion: 97 Resp: 66771
 Ion Ratio Lower Upper
 97 100
 83 8.6 67.8 101.6#
 85 47.2 45.4 68.2
 99 0.0 49.4 74.0#

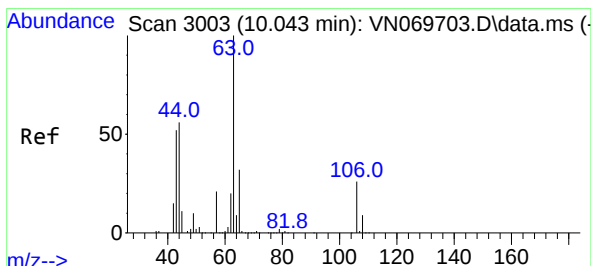
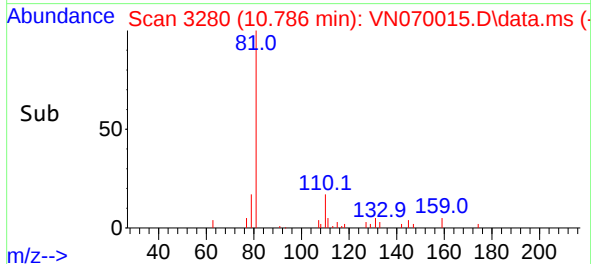
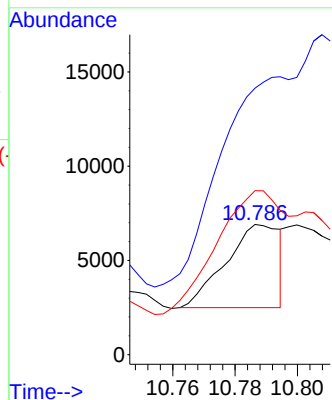
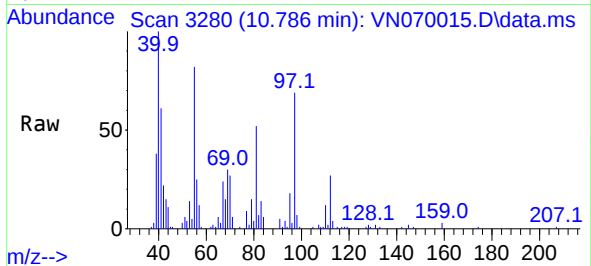




#56
Ethyl methacrylate
Concen: 2.452 ug/l
RT: 10.786 min Scan# 31
Delta R.T. 0.024 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

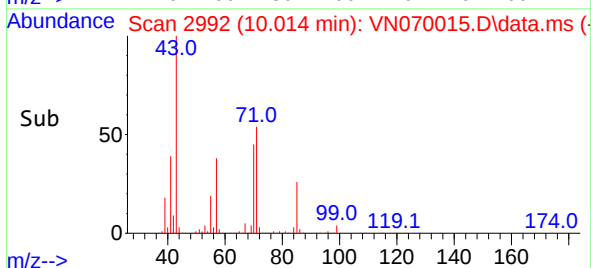
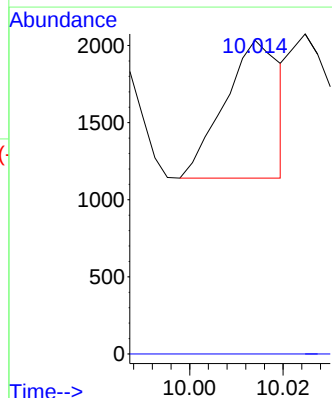
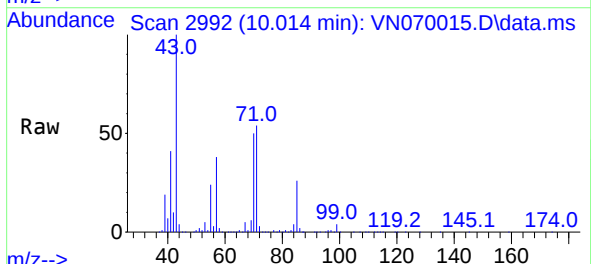
Instrument :
MSVOA_N
ClientSampleId :

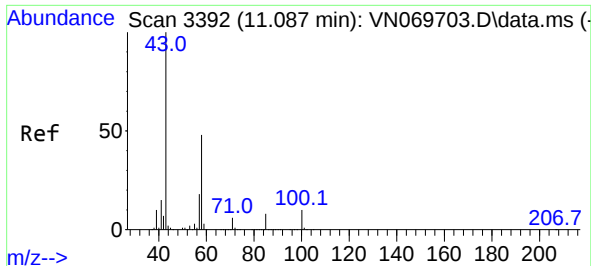
Tgt Ion: 69 Resp: 5323
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 185.8 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.474 ug/l
RT: 10.014 min Scan# 2992
Delta R.T. -0.029 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 63 Resp: 732
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

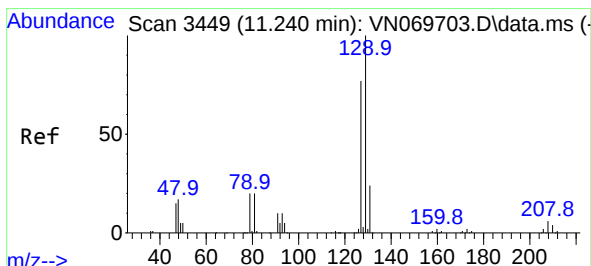
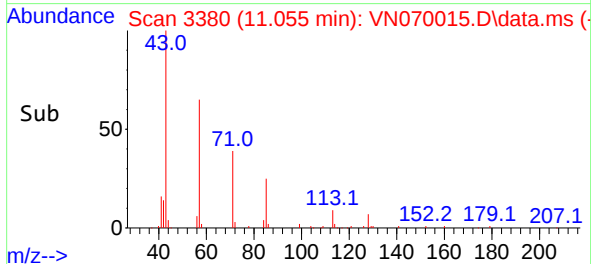
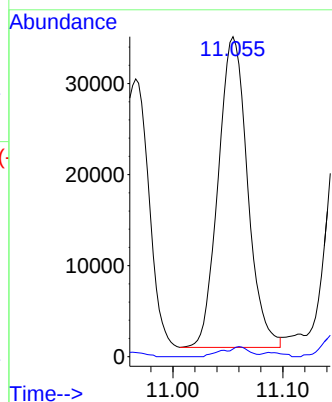
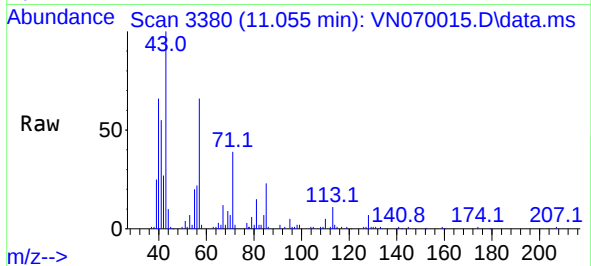




#59
2-Hexanone
Concen: 2.825 ug/l
RT: 11.055 min Scan# 31
Delta R.T. -0.032 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

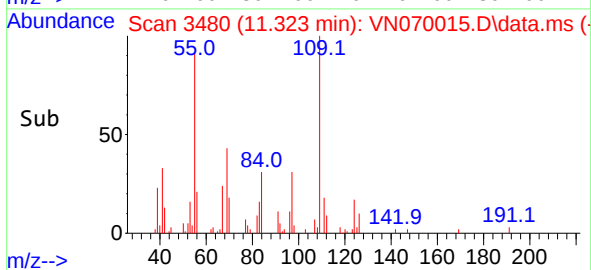
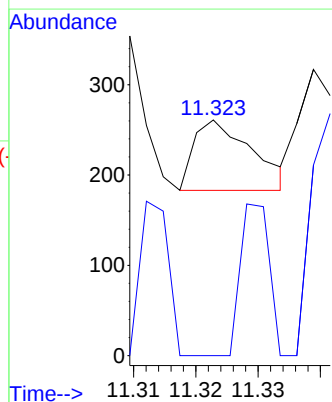
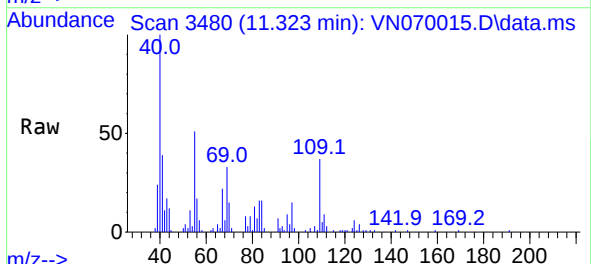
Instrument :
MSVOA_N
ClientSampleId :

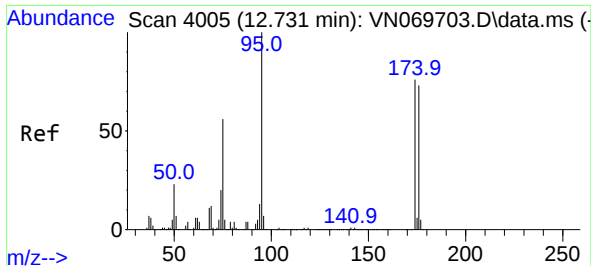
Tgt Ion: 43 Resp: 63258
Ion Ratio Lower Upper
43 100
58 1.8 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 11.323 min Scan# 3480
Delta R.T. 0.083 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion:129 Resp: 50
Ion Ratio Lower Upper
129 100
127 108.0 38.6 116.0

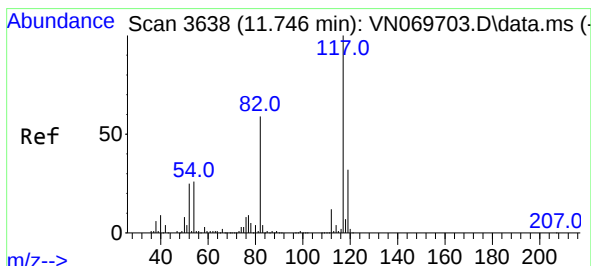
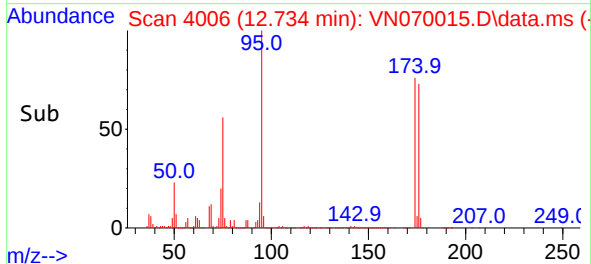
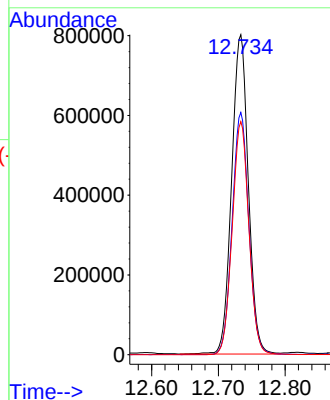
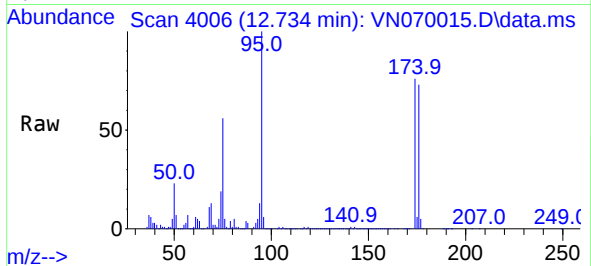




#62
4-Bromofluorobenzene
Concen: 69.990 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

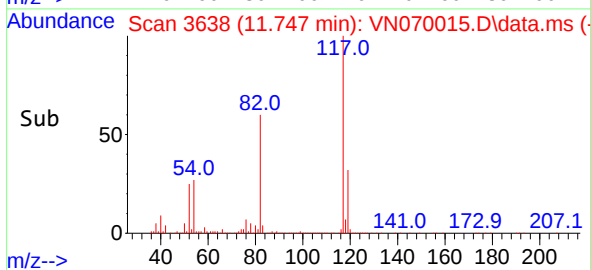
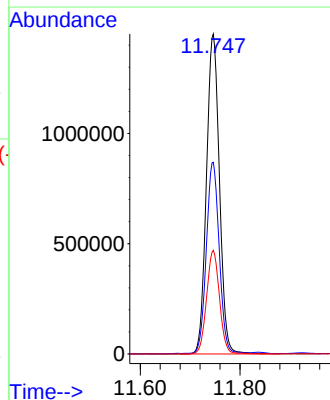
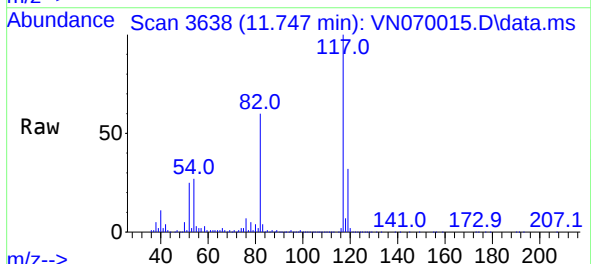
Instrument :
MSVOA_N
ClientSampleId :

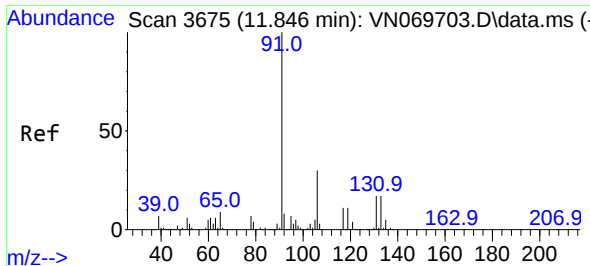
Tgt Ion: 95 Resp: 1387843
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 117 Resp: 2621599
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.4 25.4 38.2

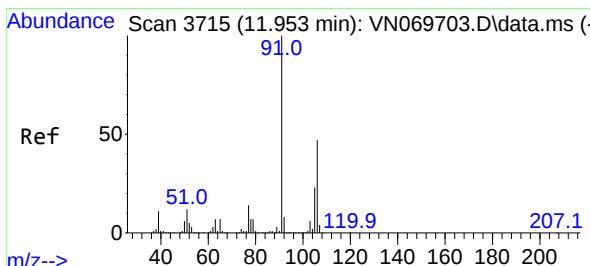
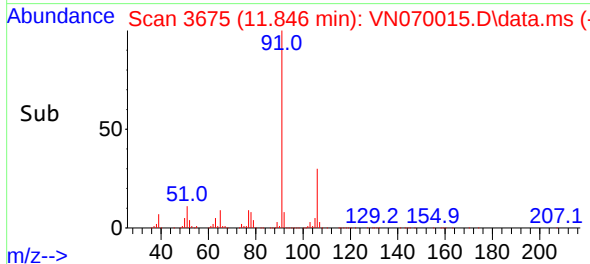
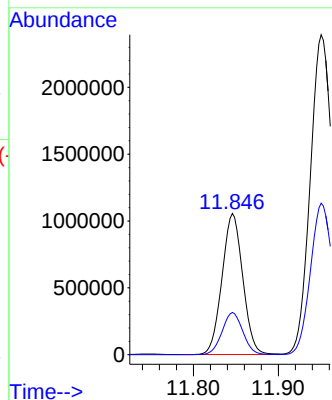
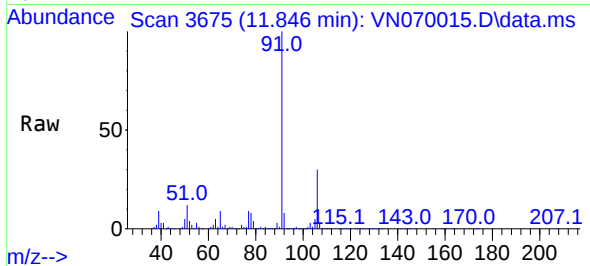




#67
Ethyl Benzene
Concen: 18.550 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

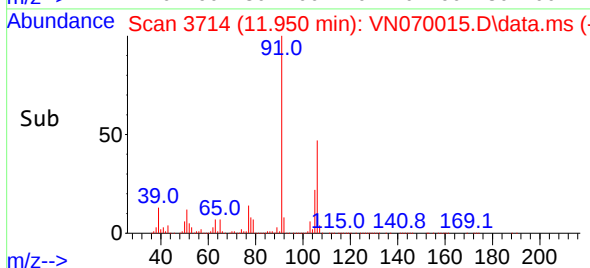
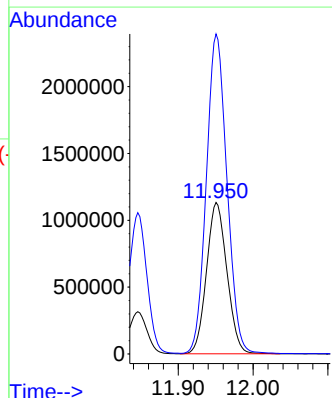
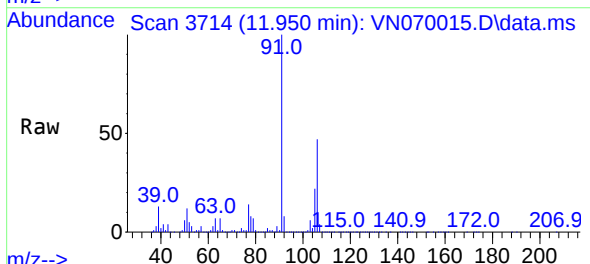
Instrument :
MSVOA_N
ClientSampleId :

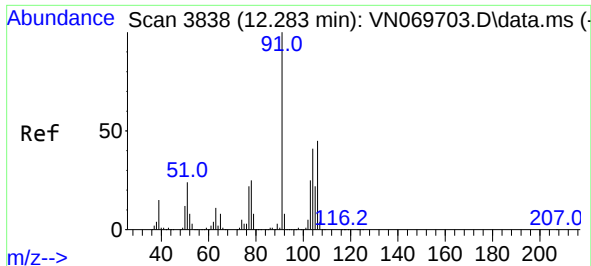
Tgt Ion: 91 Resp: 1792053
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 61.085 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion:106 Resp: 2148725
Ion Ratio Lower Upper
106 100
91 213.1 160.6 240.8

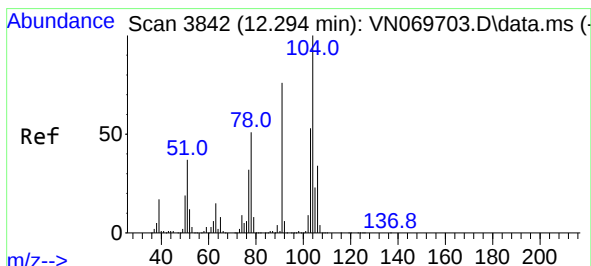
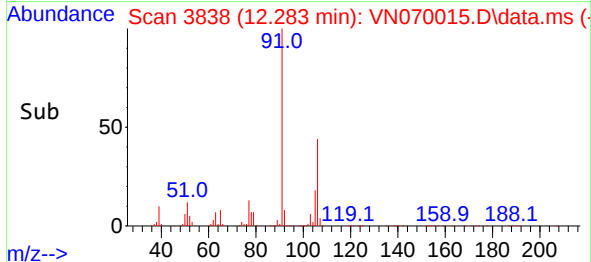
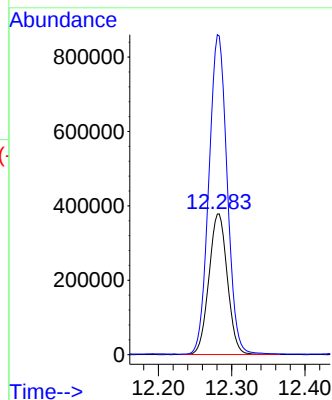
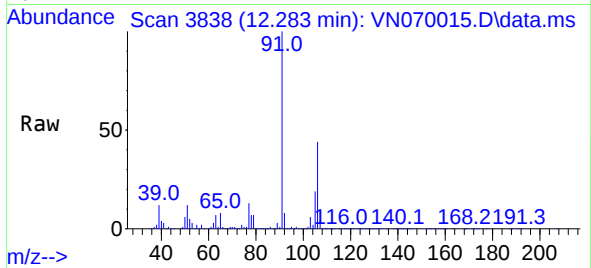




#69
o-Xylene
Concen: 18.639 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

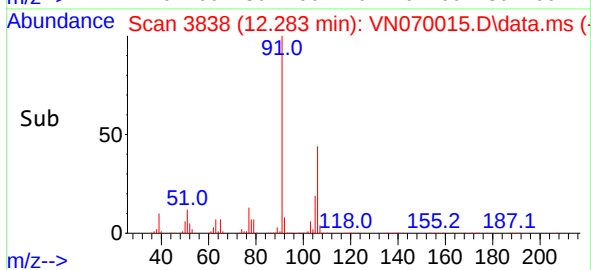
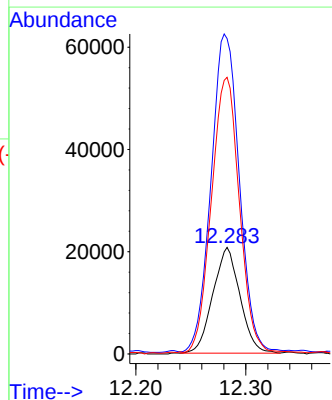
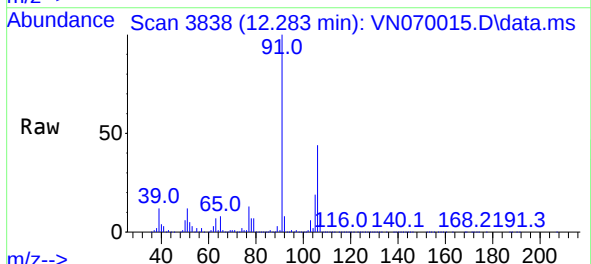
Instrument :
MSVOA_N
ClientSampleId :

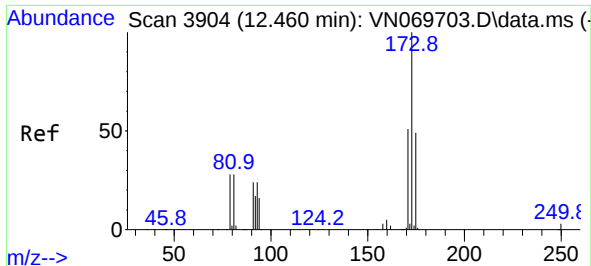
Tgt Ion:106 Resp: 660417
Ion Ratio Lower Upper
106 100
91 225.4 105.8 317.3



#70
Styrene
Concen: 0.630 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.011 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion:104 Resp: 35394
Ion Ratio Lower Upper
104 100
78 313.1 38.7 58.1#
103 271.0 45.0 67.6#

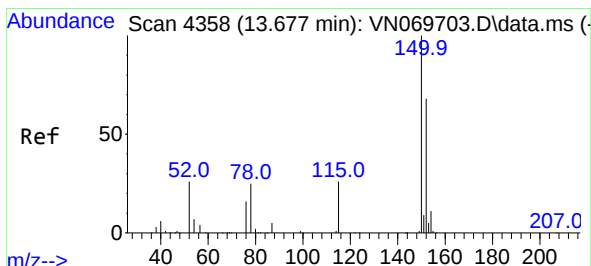
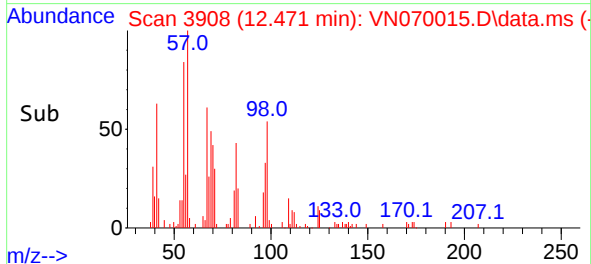
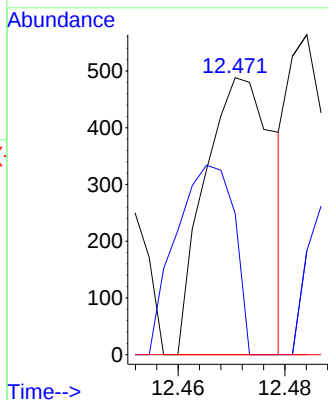
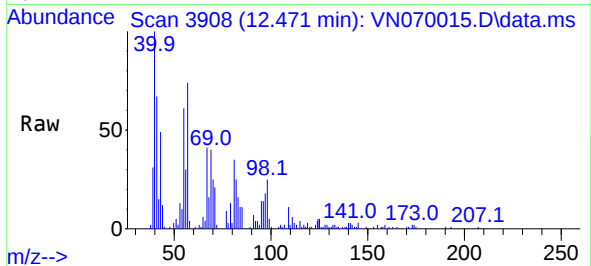




#71
Bromoform
Concen: 2.757 ug/l
RT: 12.471 min Scan# 3908
Delta R.T. 0.011 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

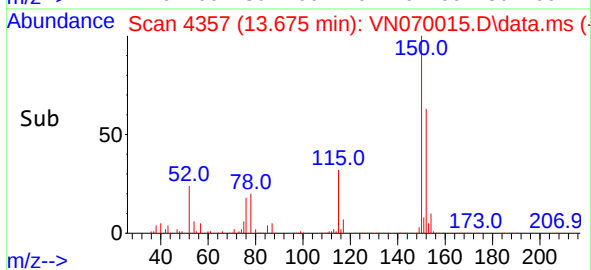
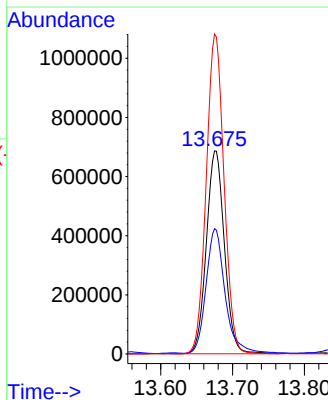
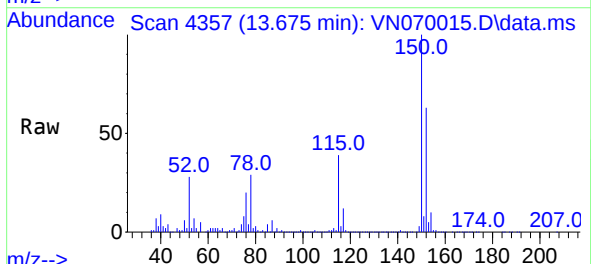
Instrument :
MSVOA_N
ClientSampleId :

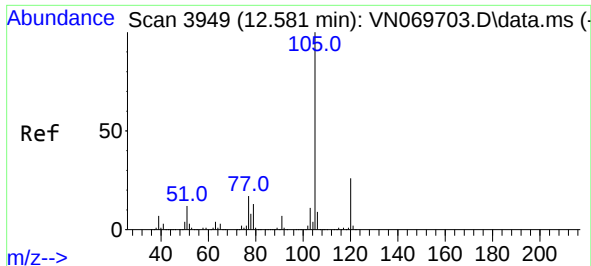
Tgt Ion:173 Resp: 439
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion:152 Resp: 1201027
Ion Ratio Lower Upper
152 100
115 64.6 27.5 82.5
150 154.9 0.0 344.4

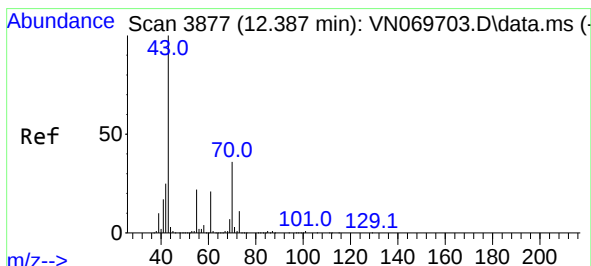
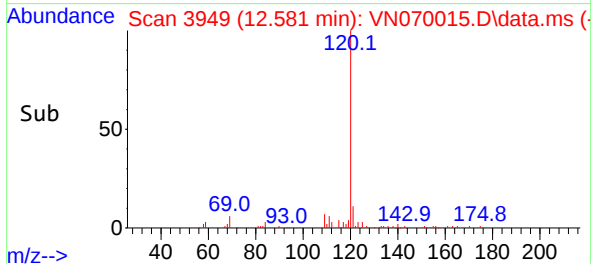
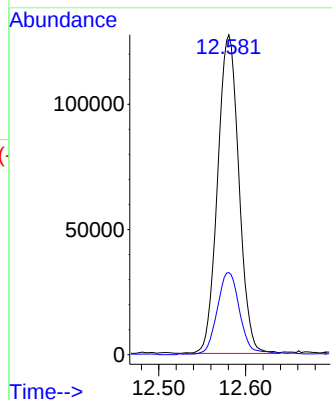
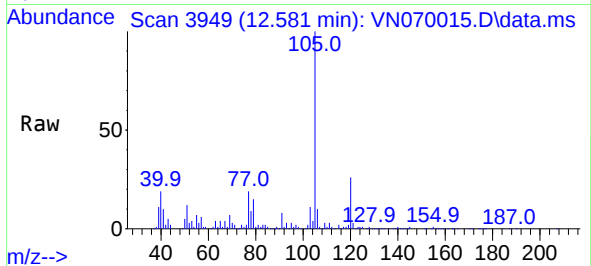




#73
Isopropylbenzene
Concen: 2.023 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

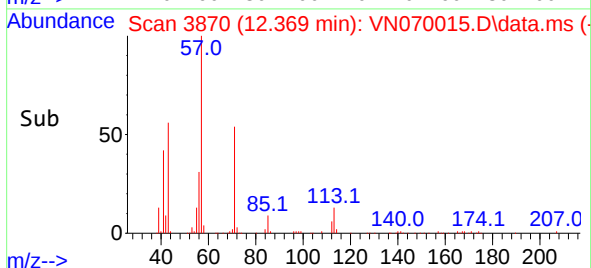
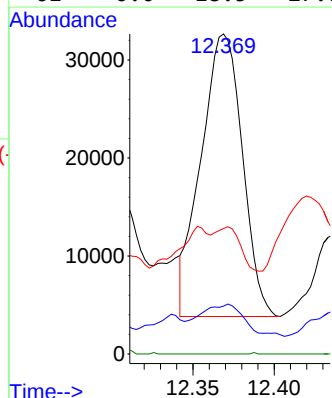
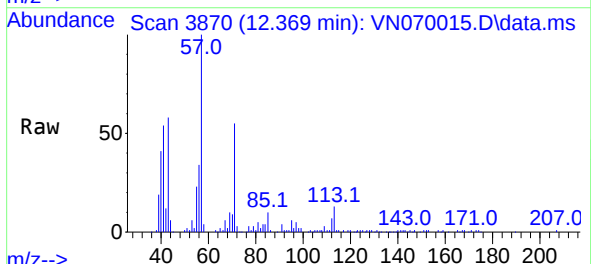
Instrument :
MSVOA_N
ClientSampleId :

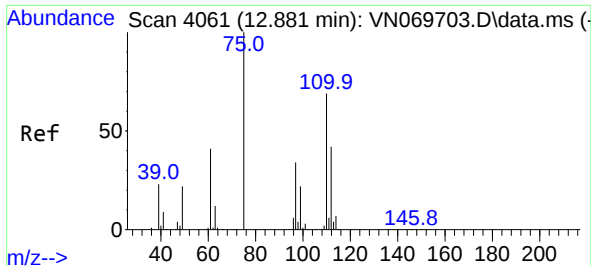
Tgt Ion:105 Resp: 216125
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 1.079 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.019 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 43 Resp: 51012
Ion Ratio Lower Upper
43 100
70 9.8 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#

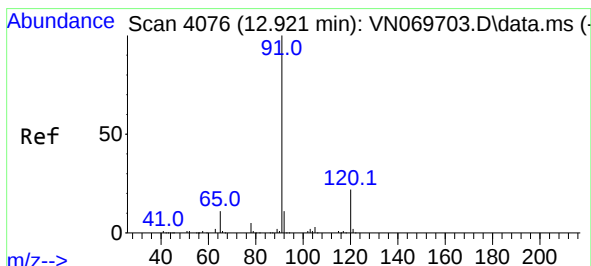
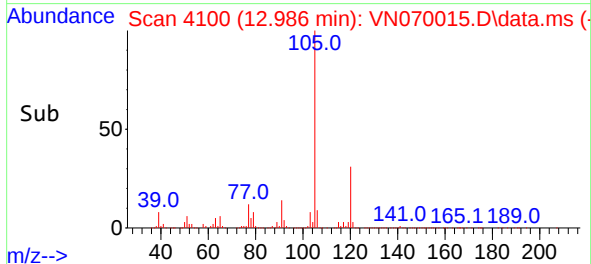
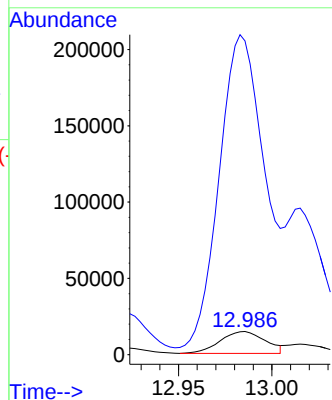
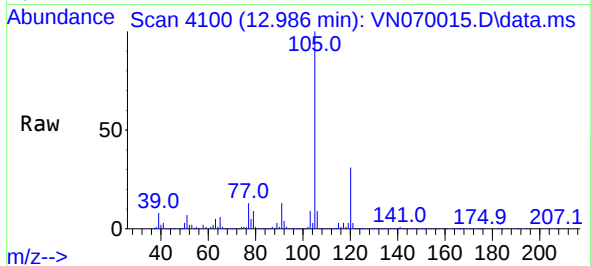




#76
1,2,3-Trichloropropane
Concen: 0.703 ug/l
RT: 12.986 min Scan# 4100
Delta R.T. 0.105 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

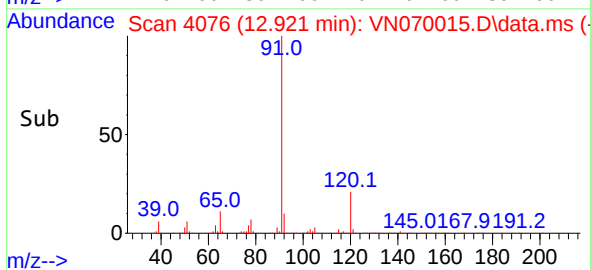
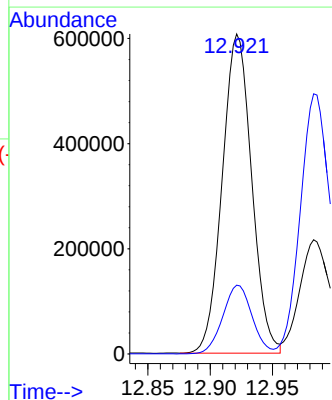
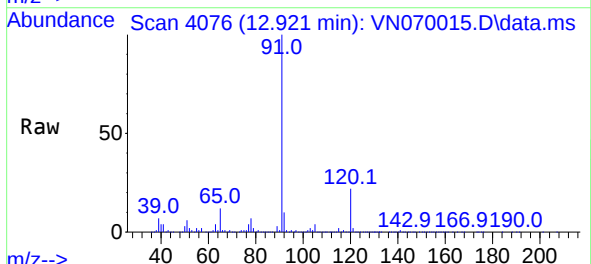
Instrument :
MSVOA_N
ClientSampleId :

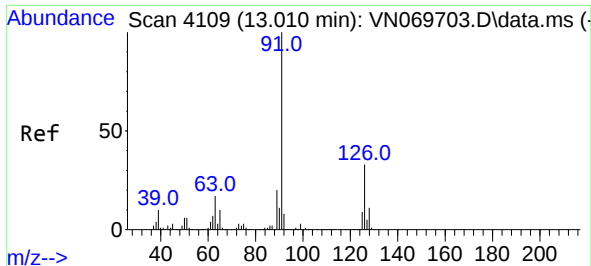
Tgt Ion: 75 Resp: 24197
Ion Ratio Lower Upper
75 100
77 1422.7 82.6 247.8#



#78
n-propylbenzene
Concen: 8.379 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 91 Resp: 996323
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9

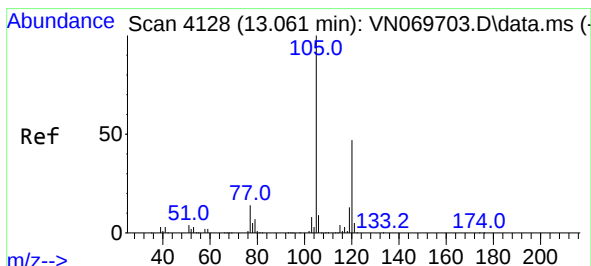
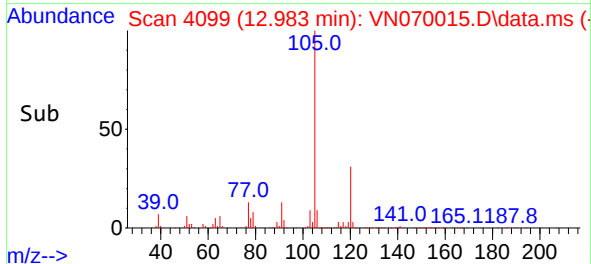
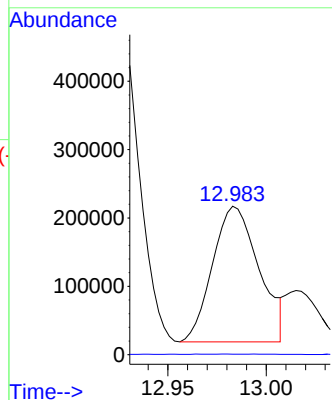
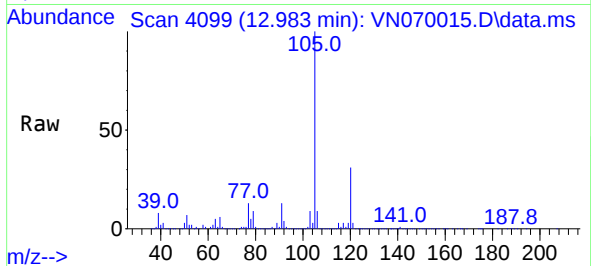




#79
2-Chlorotoluene
Concen: 4.343 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.027 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

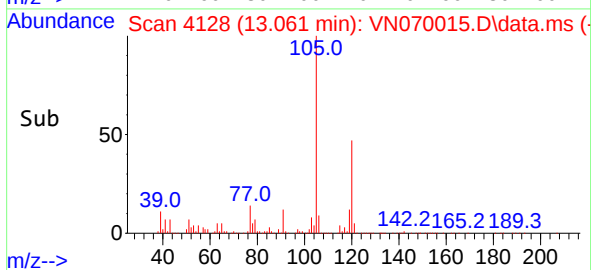
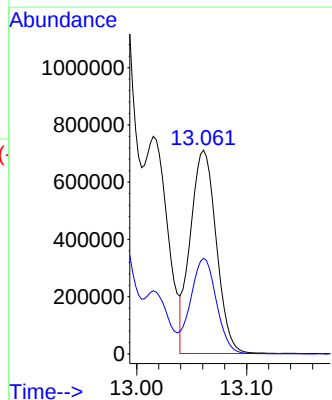
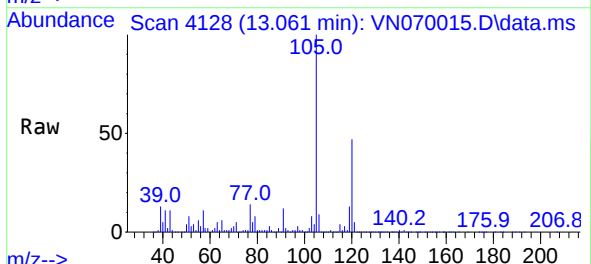
Instrument :
MSVOA_N
ClientSampleId :

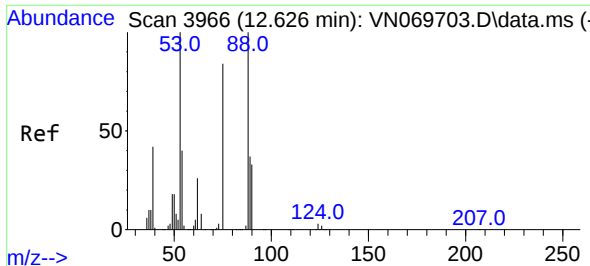
Tgt Ion: 91 Resp: 326307
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 13.480 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 105 Resp: 1159415
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6

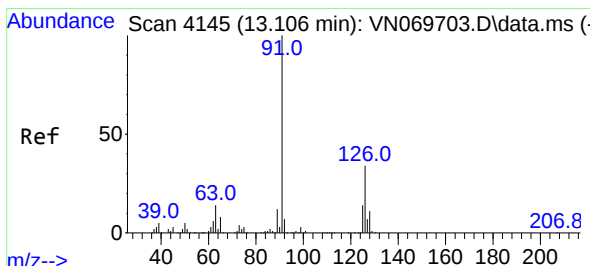
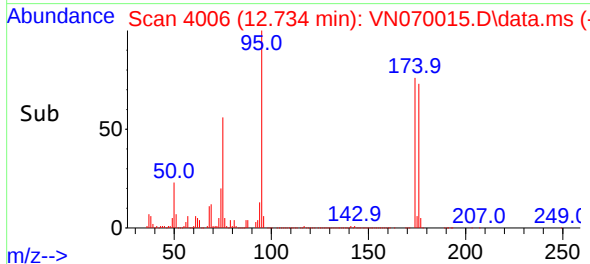
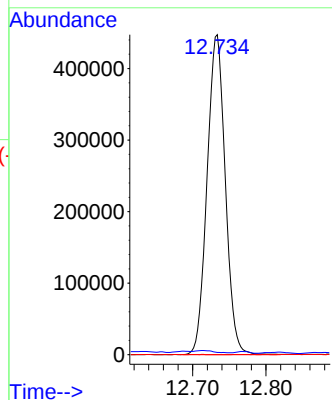
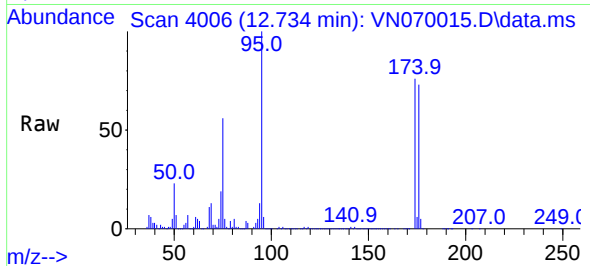




#81
trans-1,4-Dichloro-2-butene
Concen: 71.509 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

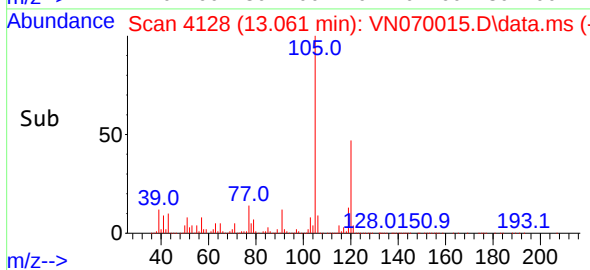
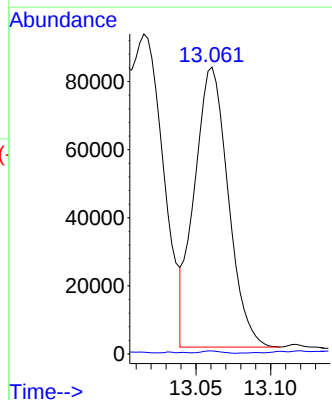
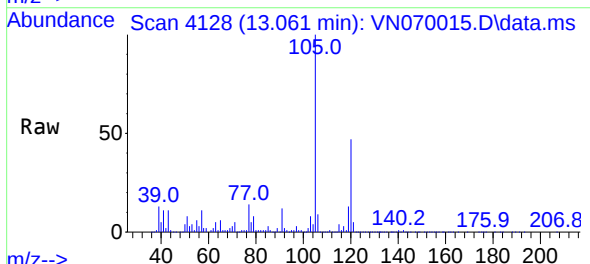
Instrument :
MSVOA_N
ClientSampleId :

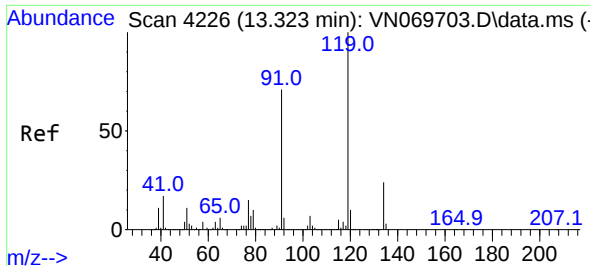
Tgt Ion: 75 Resp: 772544
Ion Ratio Lower Upper
75 100
53 0.6 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 1.824 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 91 Resp: 128902
Ion Ratio Lower Upper
91 100
126 0.5 18.2 54.6#

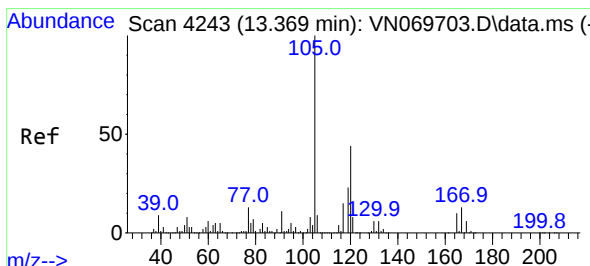
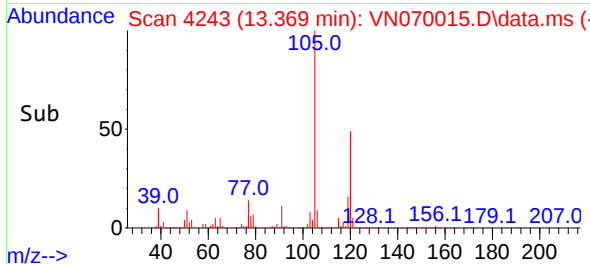
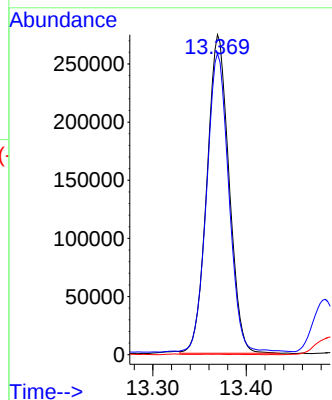
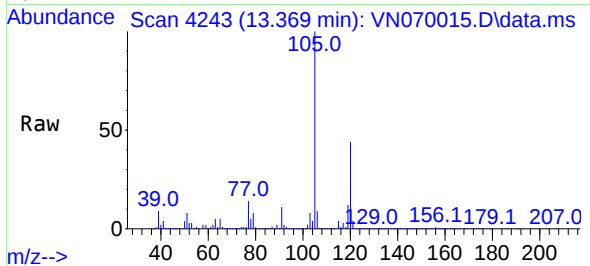




#83
tert-Butylbenzene
Concen: 5.920 ug/l
RT: 13.369 min Scan# 4226
Delta R.T. 0.046 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

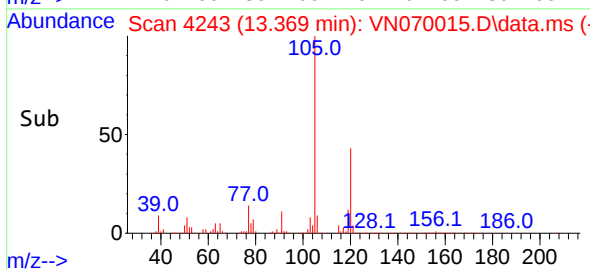
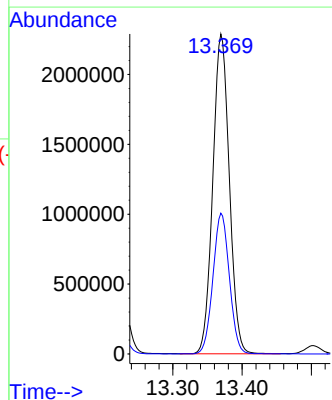
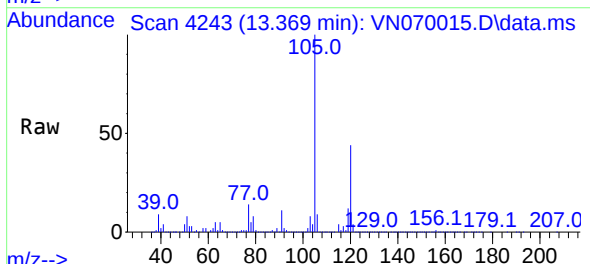
Instrument :
MSVOA_N
ClientSampleId :

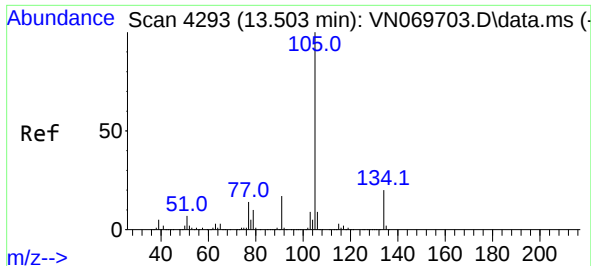
Tgt Ion:119 Resp: 450824
Ion Ratio Lower Upper
119 100
91 93.5 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 46.200 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion:105 Resp: 3784227
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4

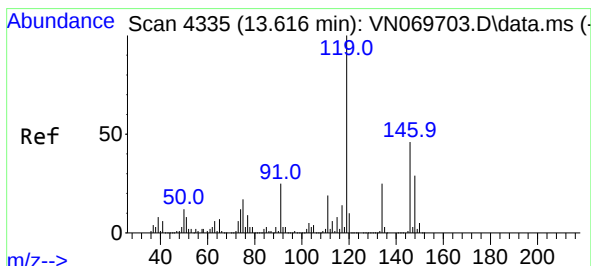
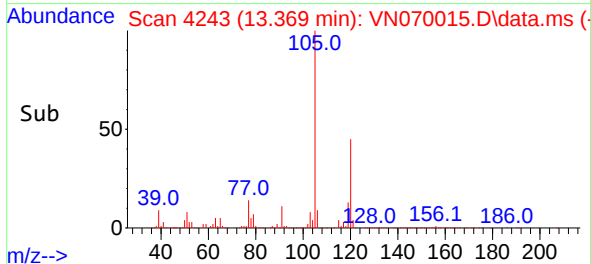
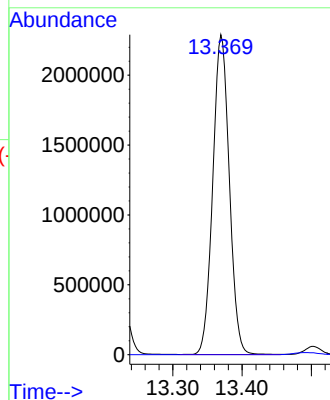
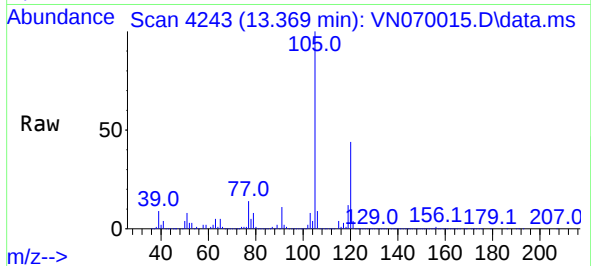




#85
 sec-Butylbenzene
 Concen: 36.633 ug/l
 RT: 13.369 min Scan# 4314
 Delta R.T. -0.134 min
 Lab File: VN070015.D
 Acq: 11 Dec 2021 18:10

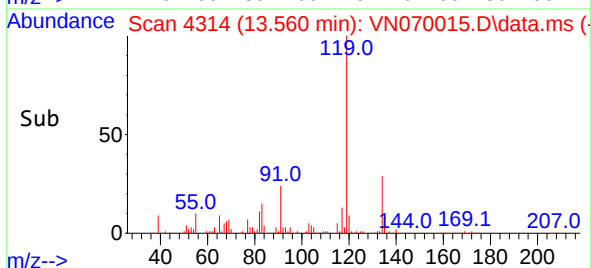
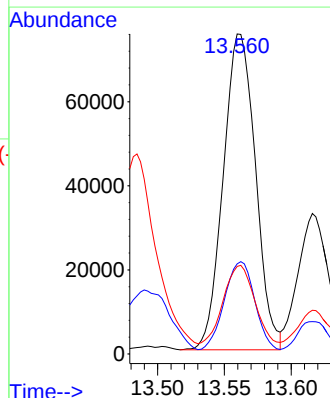
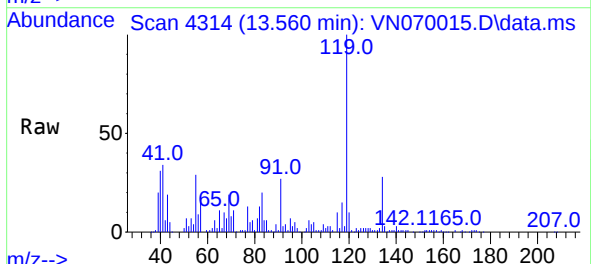
Instrument :
 MSVOA_N
 ClientSampleId :

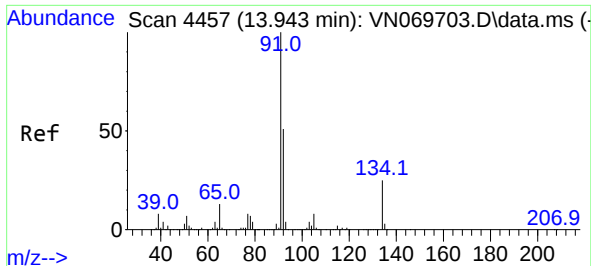
Tgt Ion:105 Resp: 3784227
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.567 ug/l
 RT: 13.560 min Scan# 4314
 Delta R.T. -0.056 min
 Lab File: VN070015.D
 Acq: 11 Dec 2021 18:10

Tgt Ion:119 Resp: 126523
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.6 40.7
 91 23.5 11.4 34.1

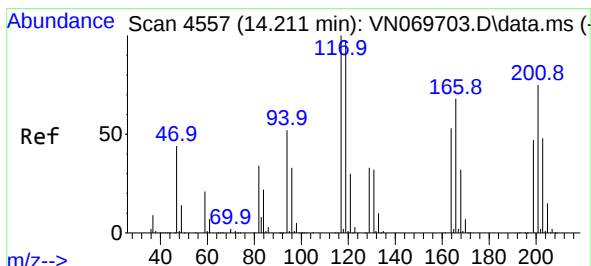
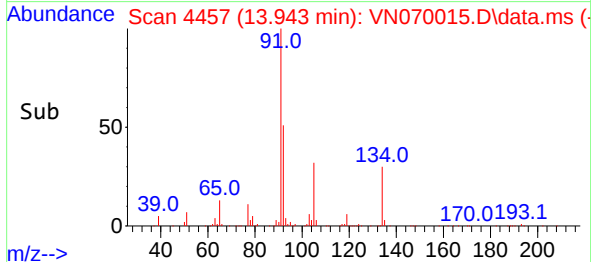
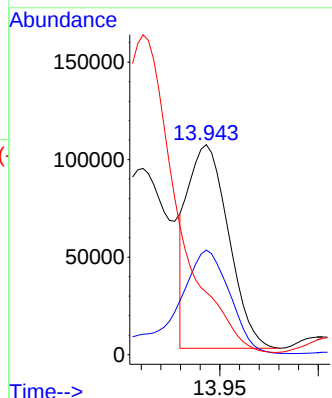
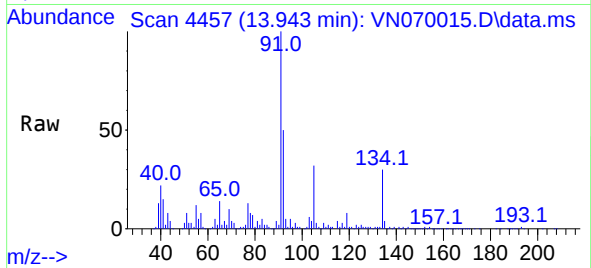




#89
n-Butylbenzene
Concen: 2.282 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

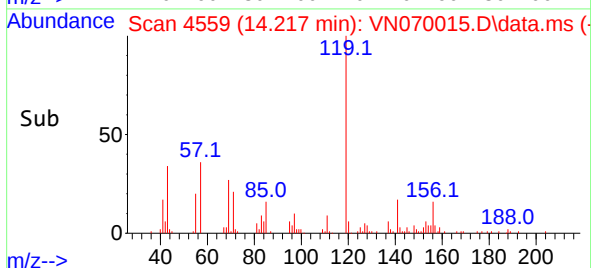
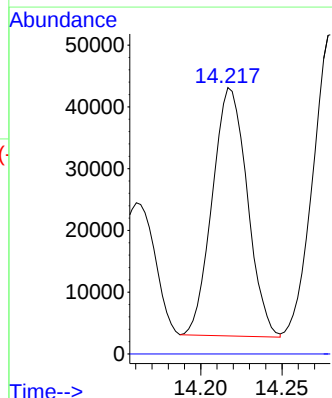
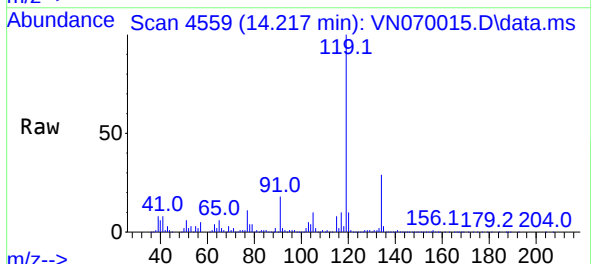
Instrument :
MSVOA_N
ClientSampleId :

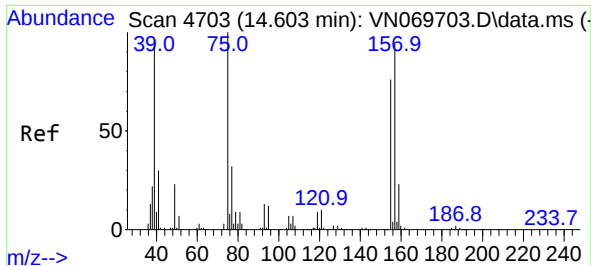
Tgt Ion: 91 Resp: 149477
Ion Ratio Lower Upper
91 100
92 66.5 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 4.246 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 117 Resp: 60190
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

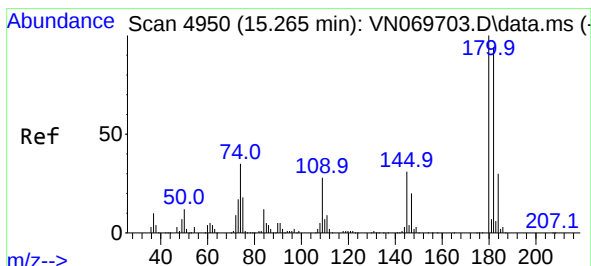
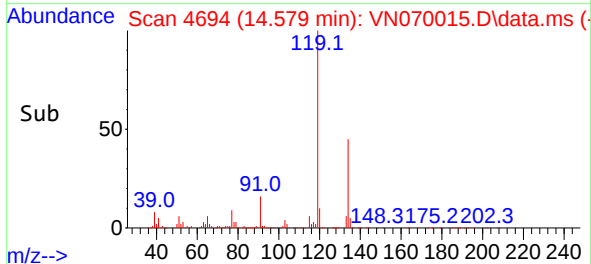
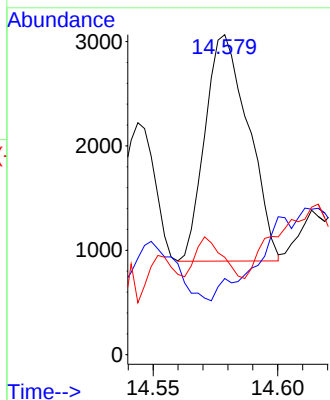
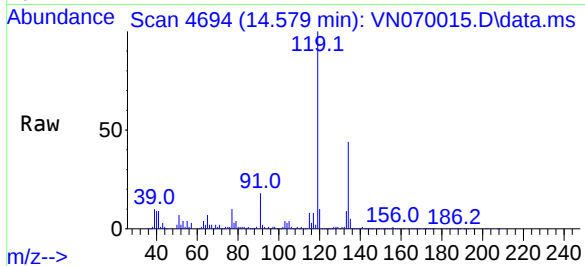




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.393 ug/l
RT: 14.579 min Scan# 4
Delta R.T. -0.024 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

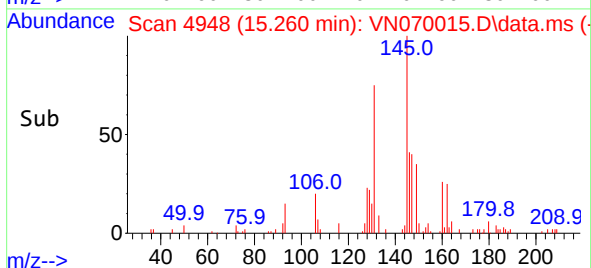
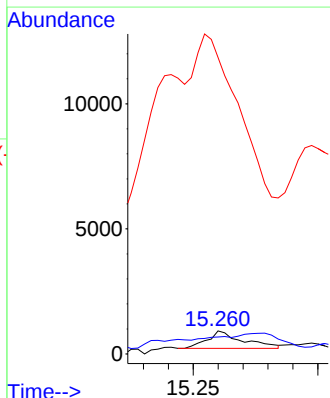
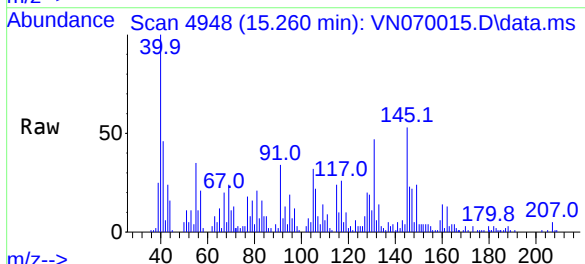
Instrument :
MSVOA_N
ClientSampleId :

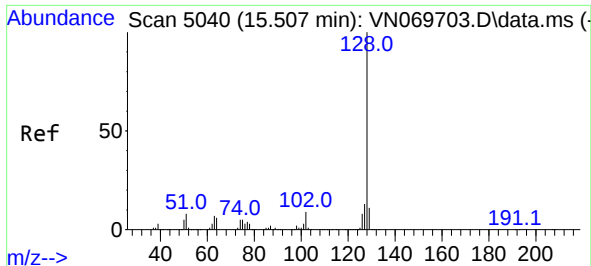
Tgt Ion: 75 Resp: 2627
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 10.8 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 2.911 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion: 180 Resp: 698
Ion Ratio Lower Upper
180 100
182 220.9 48.3 144.9#
145 0.0 14.5 43.5#

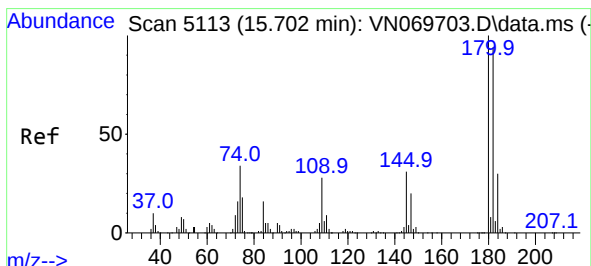
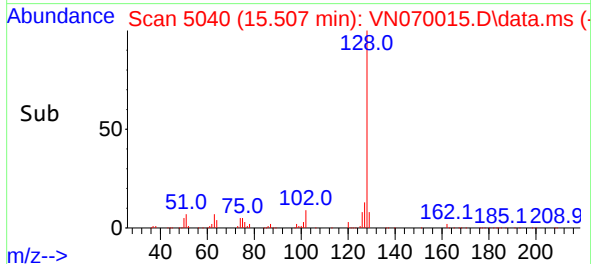
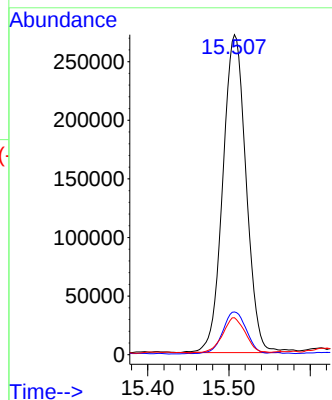
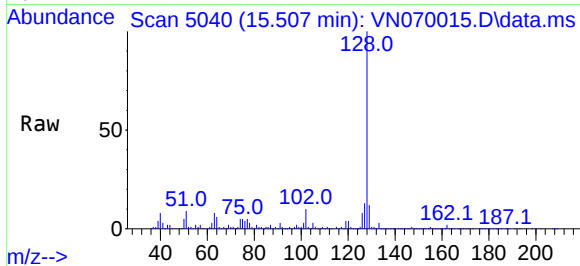




#95
Naphthalene
Concen: 12.437 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 539070
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.463 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion:180 Resp: 548
Ion Ratio Lower Upper
180 100
182 156.4 47.4 142.2#
145 0.0 15.0 45.1#

