

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070288.D
 Acq On : 22 Dec 2021 13:20
 Operator : JC/MD
 Sample : M5039-07DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 13:48:44 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	8.088	168	877310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1510751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1325137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	484912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	694765	51.291	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.580%
35) Dibromofluoromethane	8.021	113	461656	48.785	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.580%
50) Toluene-d8	10.440	98	1755580	46.203	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.400%
62) 4-Bromofluorobenzene	12.731	95	591262	42.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	3159	0.246	ug/l	89
11) Tert butyl alcohol	5.388	59	104226	40.706	ug/l #	71
13) Acrolein	4.044	56	1445	0.663	ug/l #	14
14) Allyl chloride	4.961	41	23086	1.226	ug/l #	1
15) Acrylonitrile	5.621	53	24822	3.598	ug/l #	42
16) Acetone	4.291	43	31942	3.920	ug/l	91
17) Carbon Disulfide	4.532	76	5130	0.238	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	1681850	51.760	ug/l	94
25) 2-Butanone	7.345	43	21820	1.971	ug/l	92
29) Tetrahydrofuran	7.707	42	3394	0.505	ug/l #	64
31) Cyclohexane	8.091	56	58976	3.129	ug/l #	79
36) 1,1-Dichloropropene	8.086	75	75273	5.234	ug/l #	45
37) Ethyl Acetate	7.345	43	21820	1.019	ug/l #	68
38) Carbon Tetrachloride	8.086	117	90436	6.412	ug/l #	16
39) Methylcyclohexane	9.461	83	14145	0.827	ug/l	92
40) Benzene	8.461	78	1630399	37.088	ug/l	98
42) 1,2-Dichloroethane	8.461	62	16687	0.940	ug/l	78
43) Isopropyl Acetate	8.536	43	82220	2.596	ug/l #	55
49) 1,4-Dioxane	9.579	88	323	1.218	ug/l #	76
51) 4-Methyl-2-Pentanone	10.333	43	11151	0.543	ug/l	94
52) Toluene	10.505	92	1450955	54.063	ug/l	98
53) t-1,3-Dichloropropene	10.714	75	686	2.831	ug/l #	43
54) cis-1,3-Dichloropropene	10.188	75	728	2.036	ug/l #	1
56) Ethyl methacrylate	10.770	69	2523	2.397	ug/l #	66
58) 2-Chloroethyl Vinyl ether	10.041	63	4274	19.107	ug/l	92
59) 2-Hexanone	11.089	43	34677	2.231	ug/l	76
60) Dibromochloromethane	11.237	129	467	2.415	ug/l	73
67) Ethyl Benzene	11.846	91	605442	12.398	ug/l	96
68) m/p-Xylenes	11.950	106	968807	54.488	ug/l	91
69) o-Xylene	12.280	106	493653	27.564	ug/l	90
70) Styrene	12.280	104	29767	1.048	ug/l #	1
71) Bromoform	12.460	173	652	2.807	ug/l #	29
73) Isopropylbenzene	12.578	105	52651	1.220	ug/l	97
74) N-amyl acetate	12.396	43	13793	0.723	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	4268	0.286	ug/l #	87
76) 1,2,3-Trichloropropane	12.731	75	322669	23.203	ug/l #	1

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 Response via : Initial Calibration

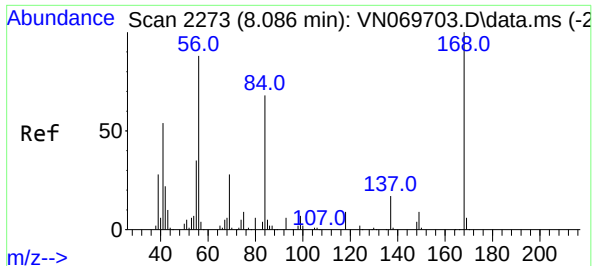
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.921	91	106945	2.228	ug/l	94
79) 2-Chlorotoluene	13.109	91	6825	0.225	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	282671	8.140	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.731	75	322669	73.835	ug/l #	5
82) 4-Chlorotoluene	13.109	91	6825	0.239	ug/l	94
83) tert-Butylbenzene	13.369	119	122703	3.991	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.369	105	1005801	30.413	ug/l	98
85) sec-Butylbenzene	13.369	105	1005801	24.116	ug/l #	56
86) p-Isopropyltoluene	13.616	119	10088	0.309	ug/l #	76
87) 1,3-Dichlorobenzene	13.616	146	6544	0.393	ug/l	95
88) 1,4-Dichlorobenzene	13.616	146	6544	0.400	ug/l	95
89) n-Butylbenzene	13.943	91	18274	0.691	ug/l #	76
90) Hexachloroethane	14.217	117	5498	0.961	ug/l #	6
91) 1,2-Dichlorobenzene	13.989	146	7414	0.457	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	2167	0.804	ug/l #	49
93) 1,2,4-Trichlorobenzene	15.265	180	12512	4.360	ug/l	95
94) Hexachlorobutadiene	15.367	225	1497	0.348	ug/l #	75
95) Naphthalene	15.509	128	191234	11.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	15389	4.324	ug/l	97

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

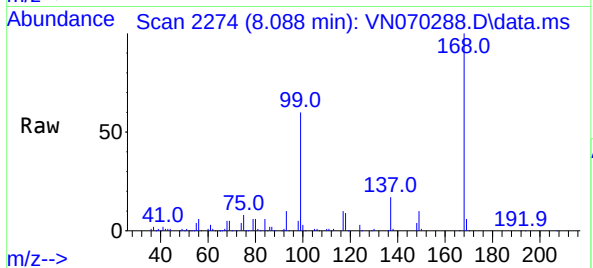
Quant Time: Dec 22 13:48:44 2021
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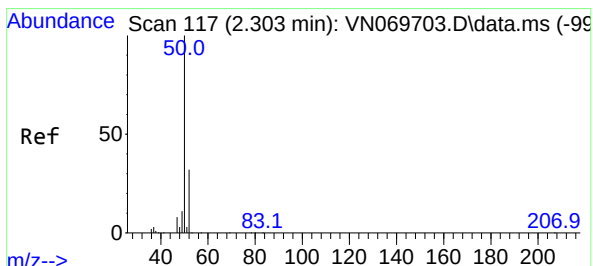
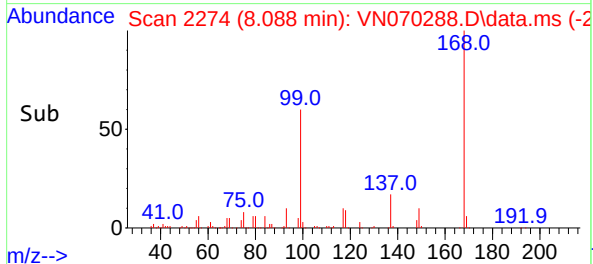
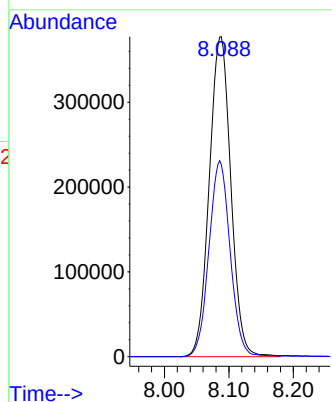


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :

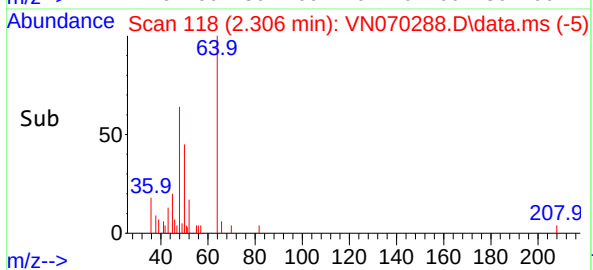
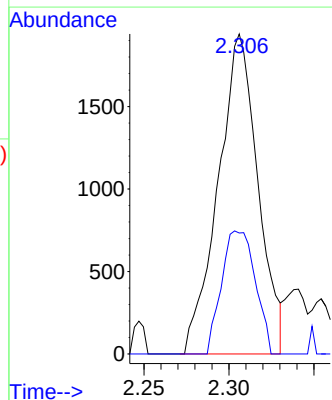
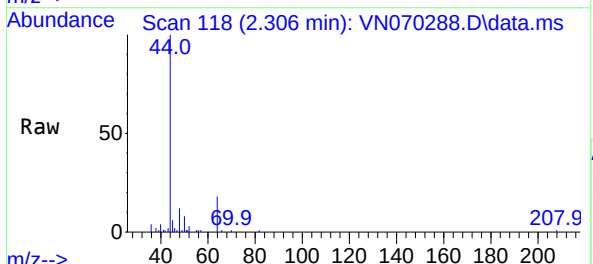


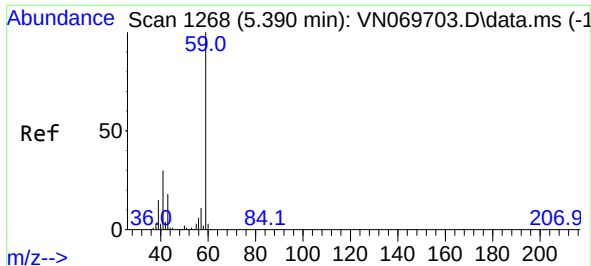
Tgt Ion:168 Resp: 877310
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#3
Chloromethane
Concen: 0.246 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 50 Resp: 3159
Ion Ratio Lower Upper
50 100
52 37.8 25.4 38.0

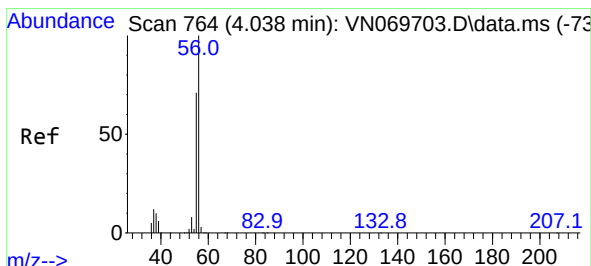
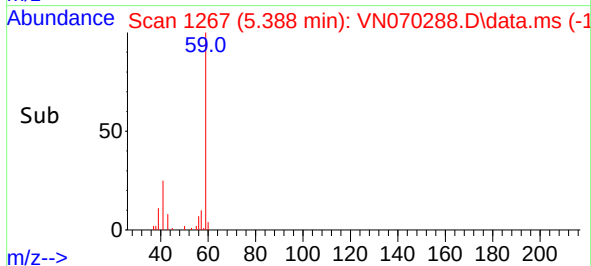
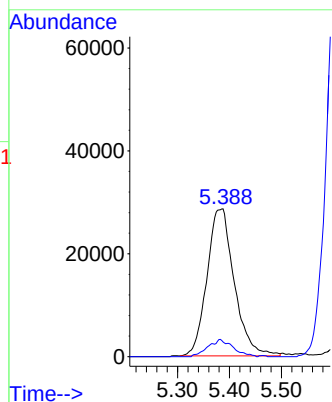
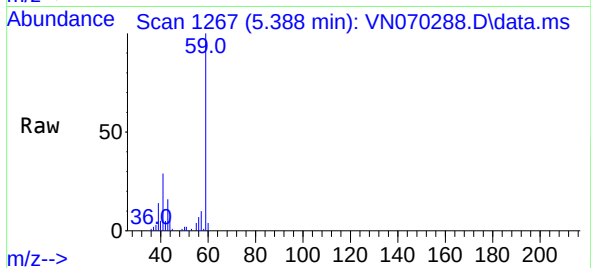




#11
Tert butyl alcohol
Concen: 40.706 ug/l
RT: 5.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

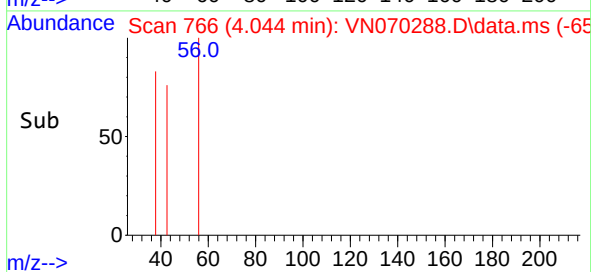
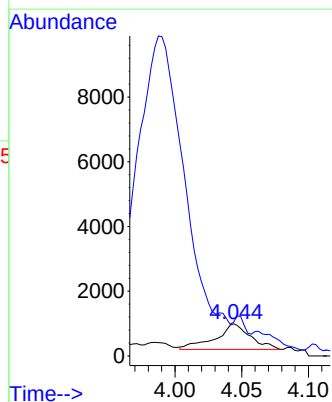
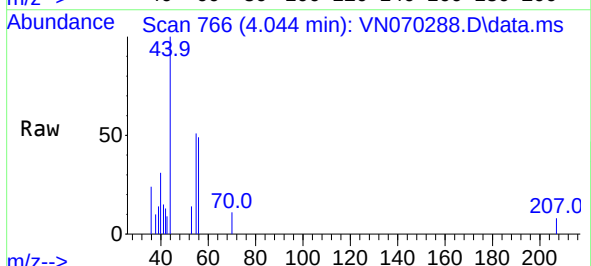
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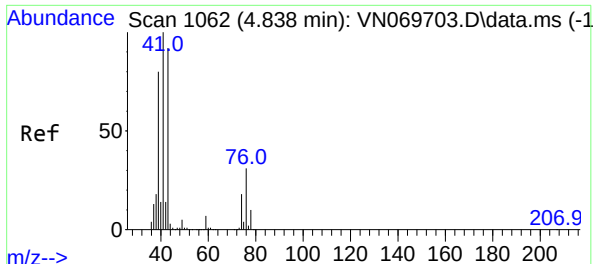
Tgt Ion: 59 Resp: 104226
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.663 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

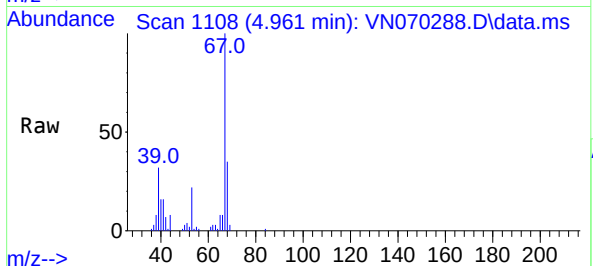
Tgt Ion: 56 Resp: 1445
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



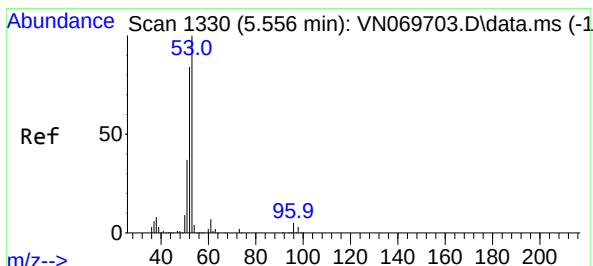
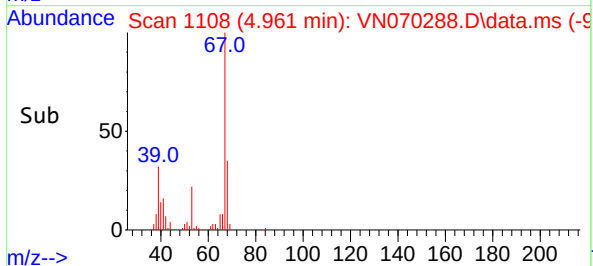
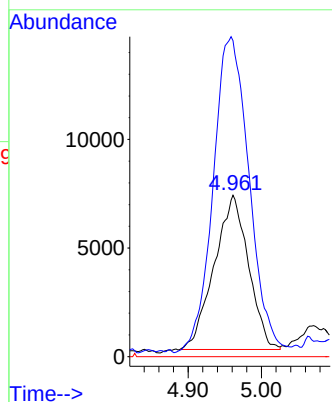


#14
 Allyl chloride
 Concen: 1.226 ug/l
 RT: 4.961 min Scan# 1108
 Delta R.T. 0.123 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

Instrument :
 MSVOA_N
 ClientSampleId :

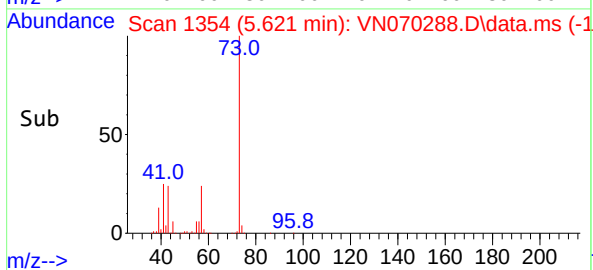
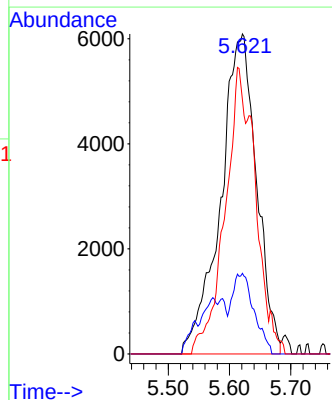
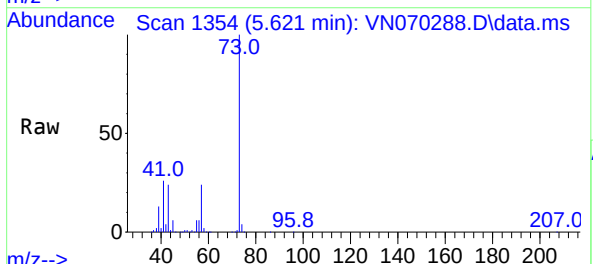


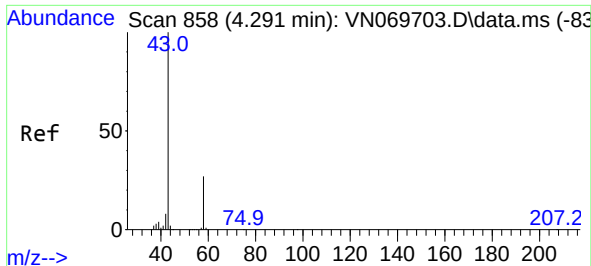
Tgt Ion: 41 Resp: 23086
 Ion Ratio Lower Upper
 41 100
 39 215.3 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 3.598 ug/l
 RT: 5.621 min Scan# 1354
 Delta R.T. 0.065 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

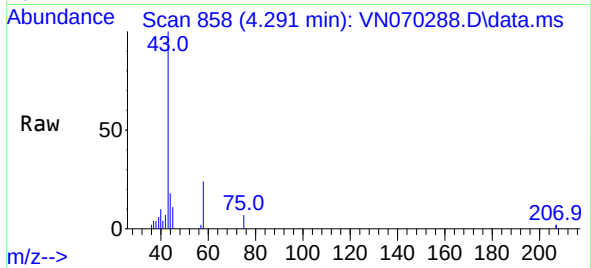
Tgt Ion: 53 Resp: 24822
 Ion Ratio Lower Upper
 53 100
 52 15.5 66.2 99.2#
 51 48.9 29.6 44.4#



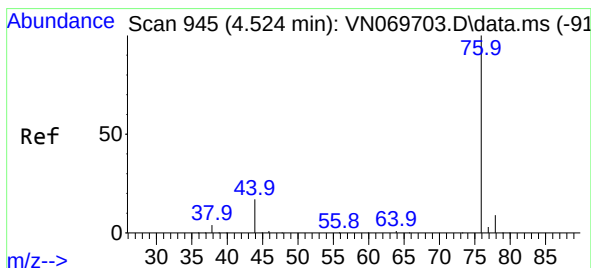
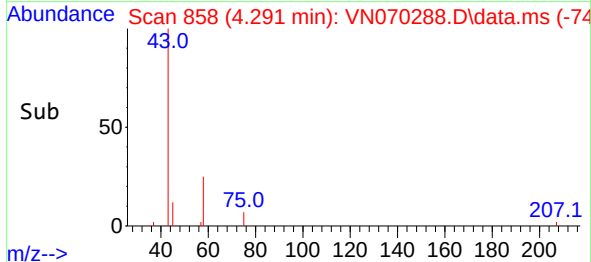
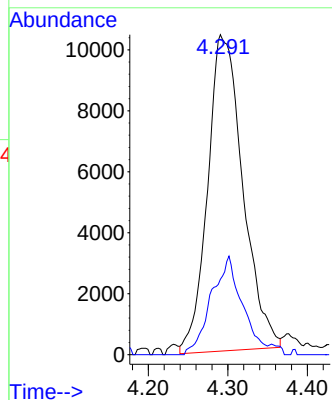


#16
Acetone
Concen: 3.920 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :

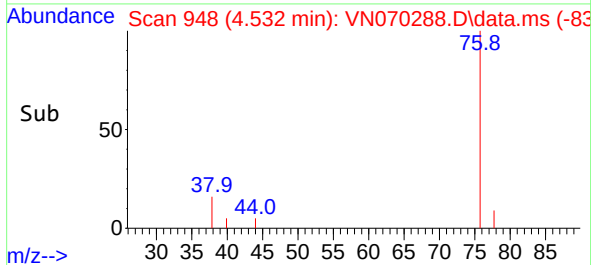
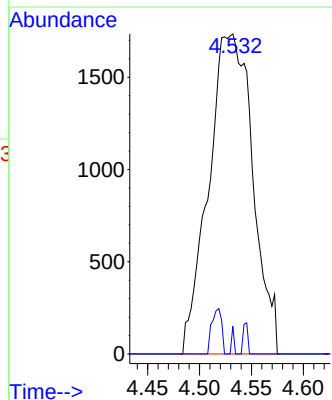
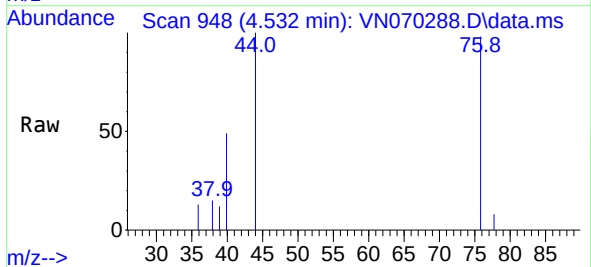


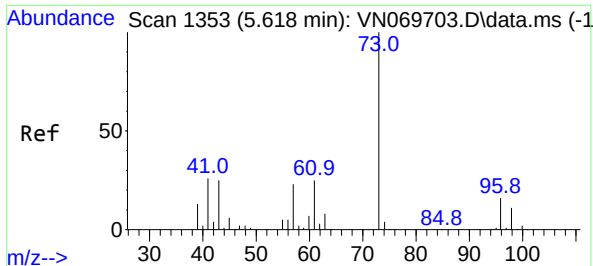
Tgt Ion: 43 Resp: 31942
Ion Ratio Lower Upper
43 100
58 24.2 23.1 34.7



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 76 Resp: 5130
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3





#19

Methyl tert-butyl Ether

Concen: 51.760 ug/l

RT: 5.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN070288.D

Acq: 22 Dec 2021 13:20

Instrument :

MSVOA_N

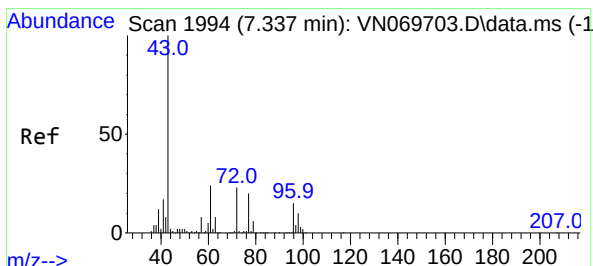
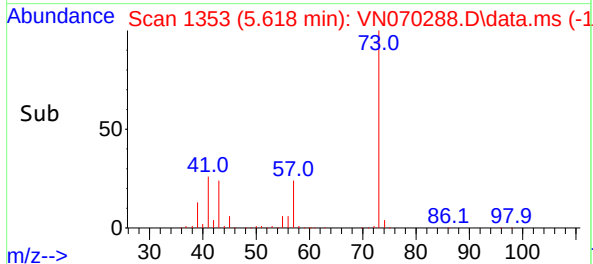
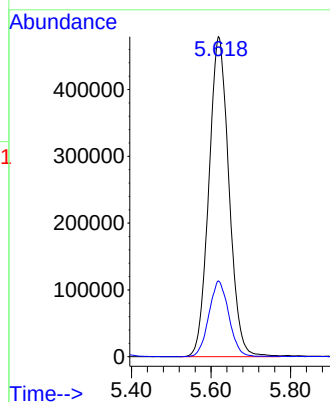
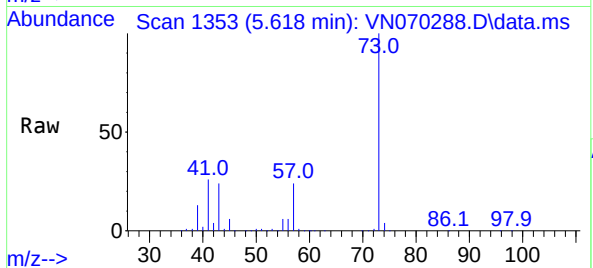
ClientSampleId :

Tgt Ion: 73 Resp: 1681850

Ion Ratio Lower Upper

73 100

57 23.7 16.8 25.2



#25

2-Butanone

Concen: 1.971 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN070288.D

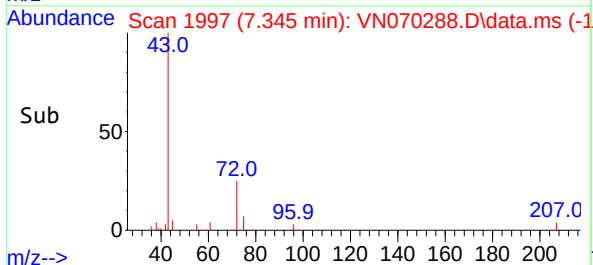
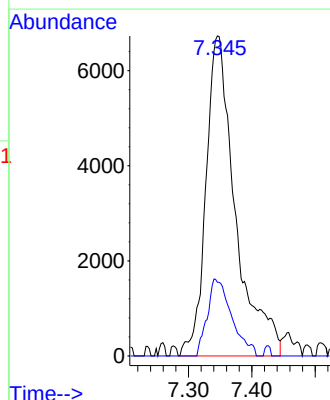
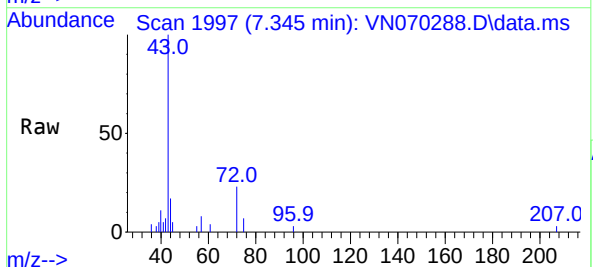
Acq: 22 Dec 2021 13:20

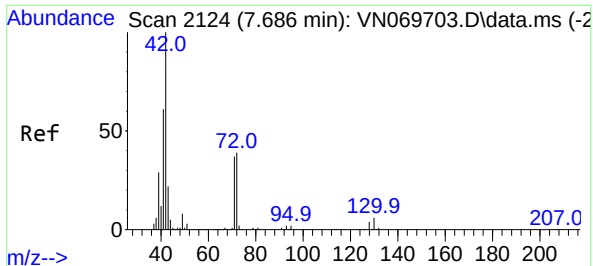
Tgt Ion: 43 Resp: 21820

Ion Ratio Lower Upper

43 100

72 23.1 21.7 32.5





#29

Tetrahydrofuran

Concen: 0.505 ug/l

RT: 7.707 min Scan# 21

Delta R.T. 0.022 min

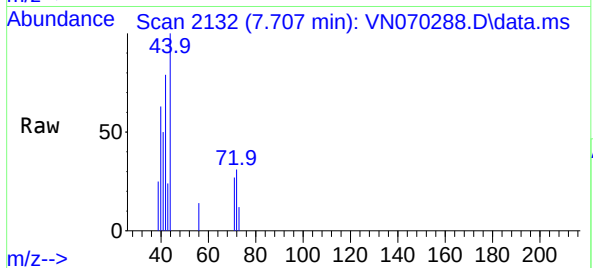
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Acq: 22 Dec 2021 13:20

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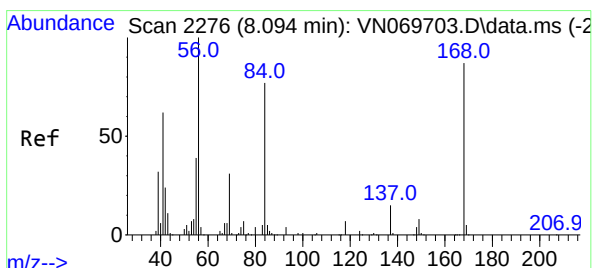
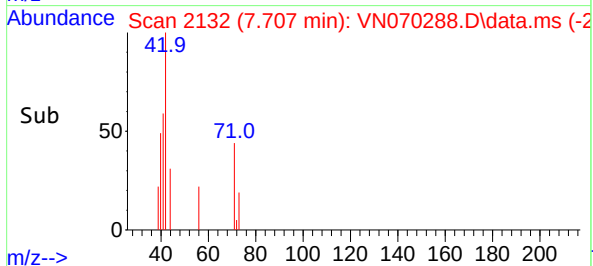
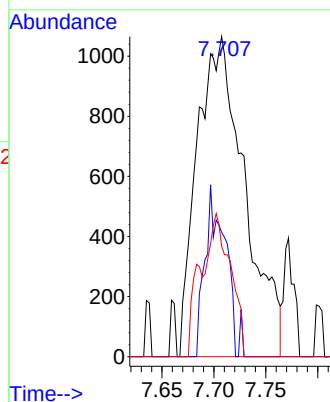
Tgt Ion: 42 Resp: 3394

Ion Ratio Lower Upper

42 100

72 22.4 36.3 54.5#

71 20.2 34.7 52.1#



#31

Cyclohexane

Concen: 3.129 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.003 min

Lab File: VN070288.D

Acq: 22 Dec 2021 13:20

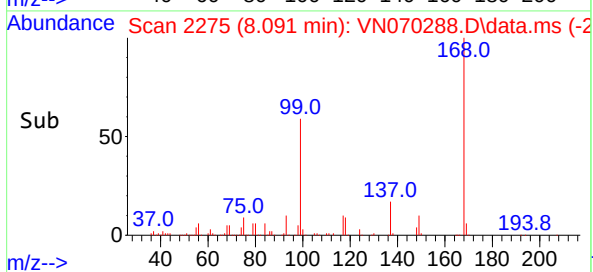
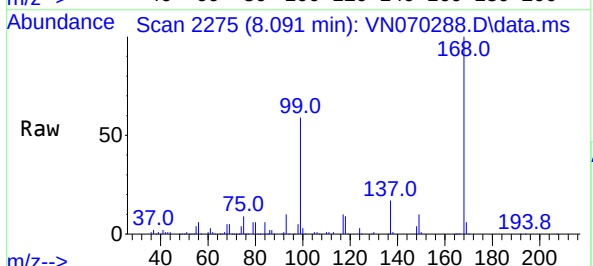
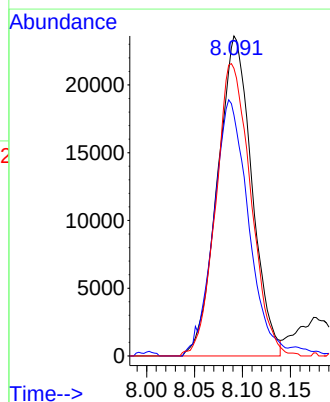
Tgt Ion: 56 Resp: 58976

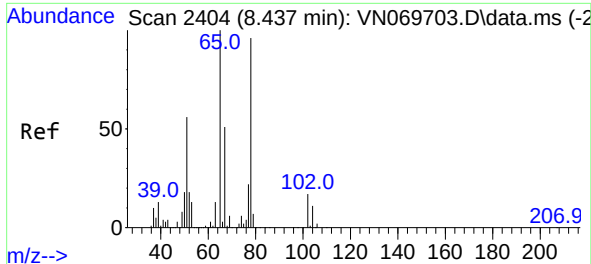
Ion Ratio Lower Upper

56 100

69 75.2 27.1 40.7#

84 89.9 73.4 110.0

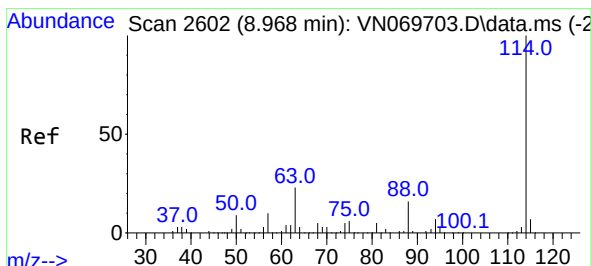
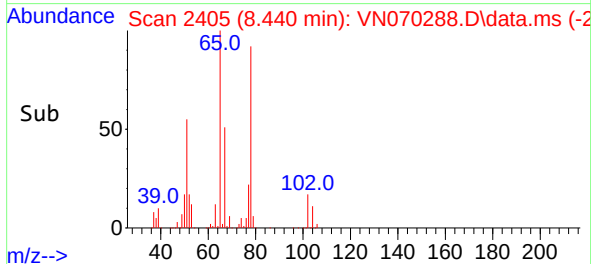
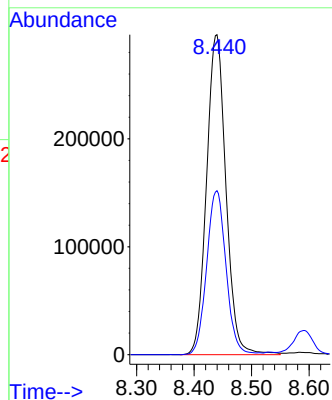
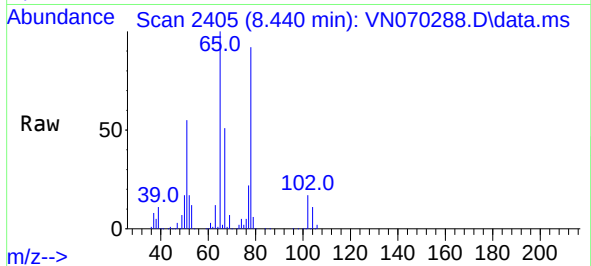




#33
 1,2-Dichloroethane-d4
 Concen: 51.291 ug/l
 RT: 8.440 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

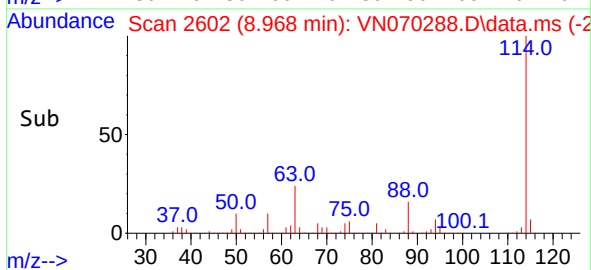
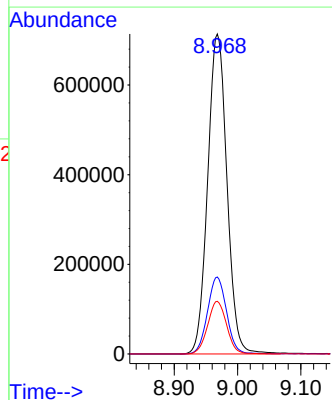
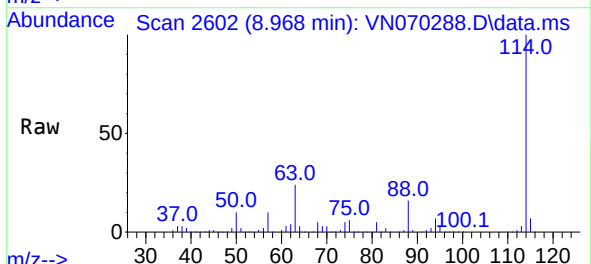
Instrument :
 MSVOA_N
 ClientSampleId :

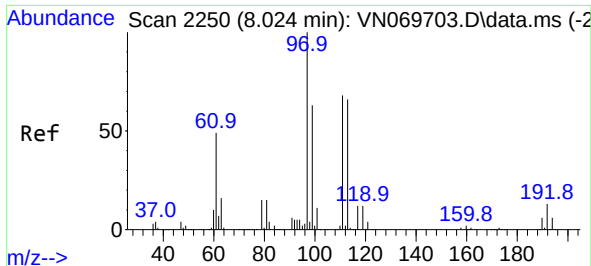
Tgt Ion: 65 Resp: 694765
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

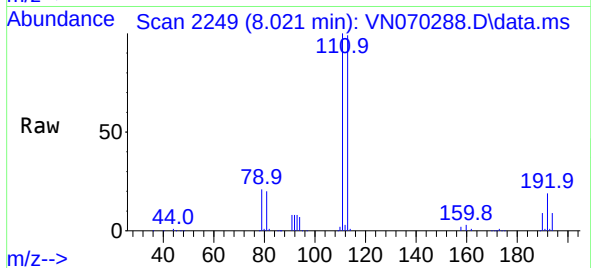
Tgt Ion: 114 Resp: 1510751
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 37.8
 88 16.4 0.0 27.4



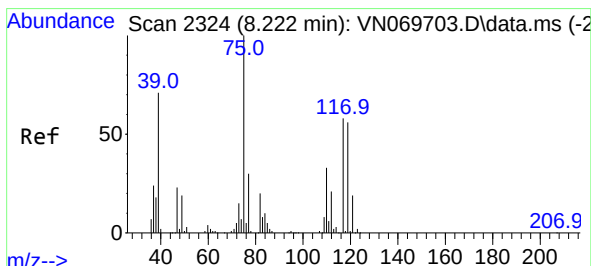
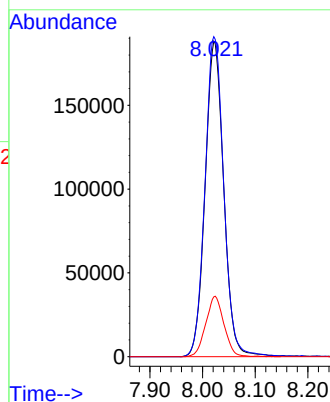
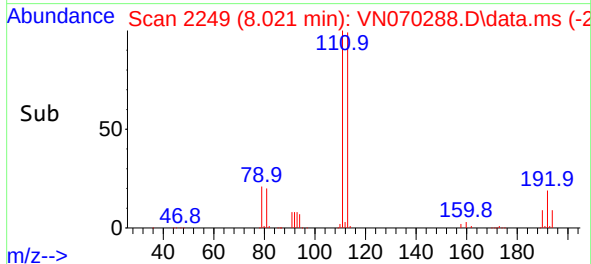


#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

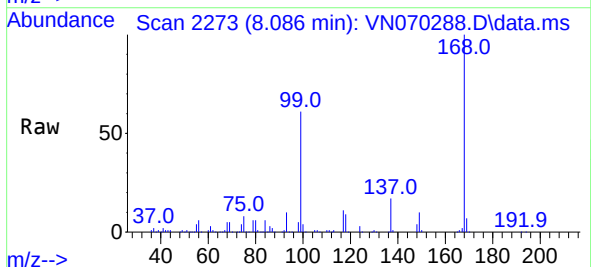
Instrument :
MSVOA_N
ClientSampleId :



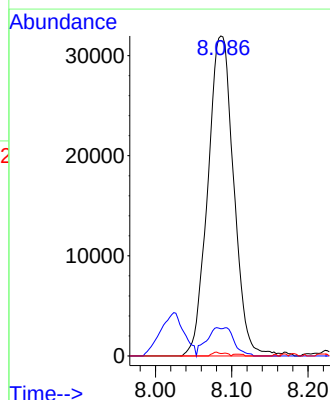
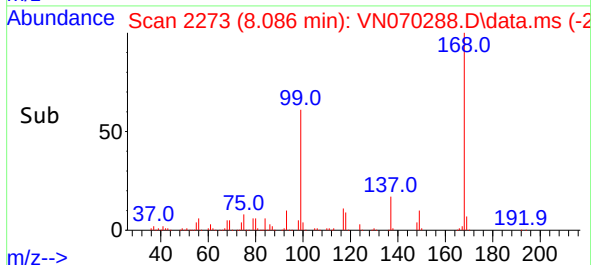
Tgt Ion:113 Resp: 461656
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.7 16.9 25.3

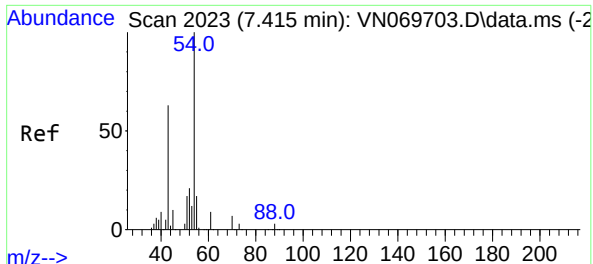


#36
1,1-Dichloropropene
Concen: 5.234 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20



Tgt Ion: 75 Resp: 75273
Ion Ratio Lower Upper
75 100
110 5.1 18.4 55.2#
77 0.0 24.4 36.6#

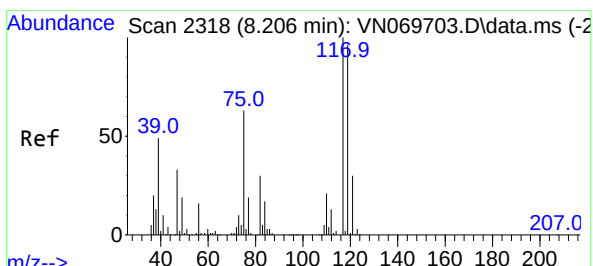
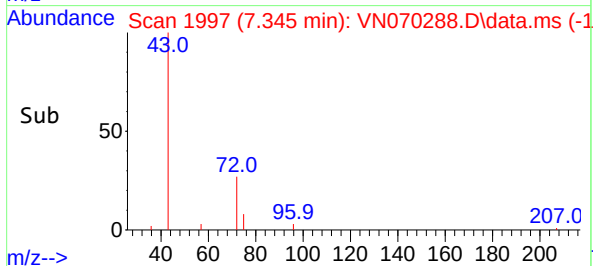
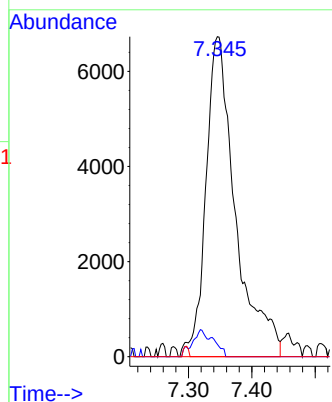
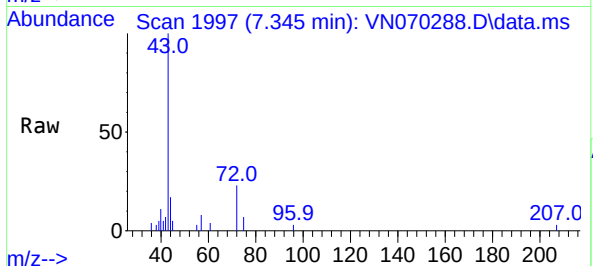




#37
Ethyl Acetate
Concen: 1.019 ug/l
RT: 7.345 min Scan# 19
Delta R.T. -0.070 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

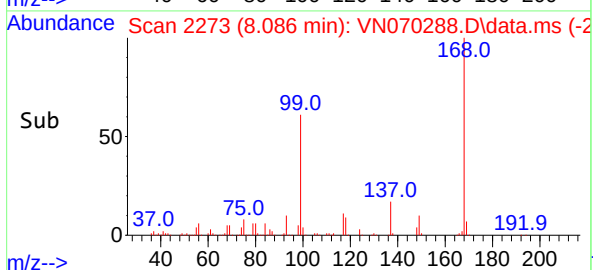
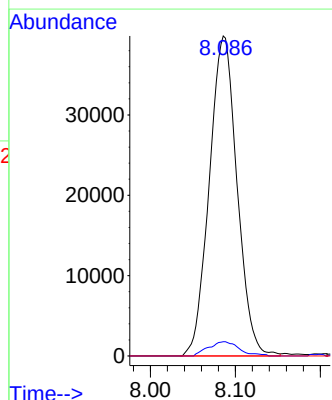
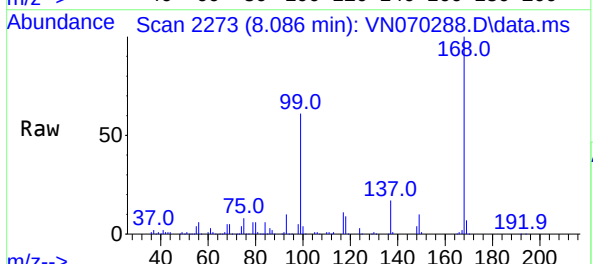
Instrument :
MSVOA_N
ClientSampleId :

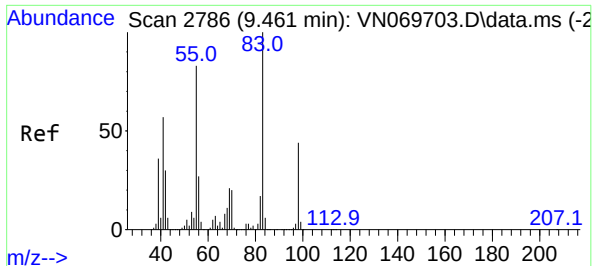
Tgt Ion: 43 Resp: 21820
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.412 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 117 Resp: 90436
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.827 ug/l

RT: 9.461 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070288.D

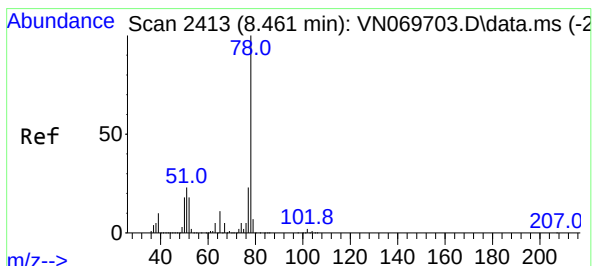
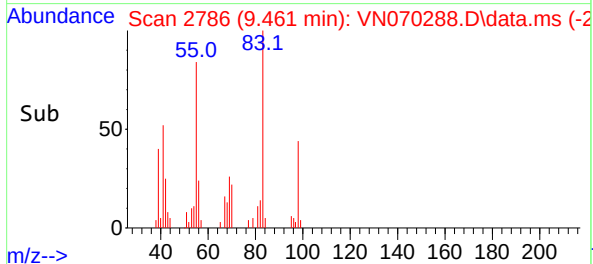
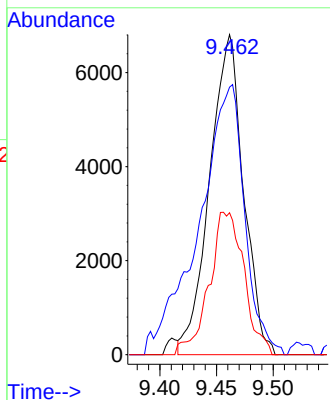
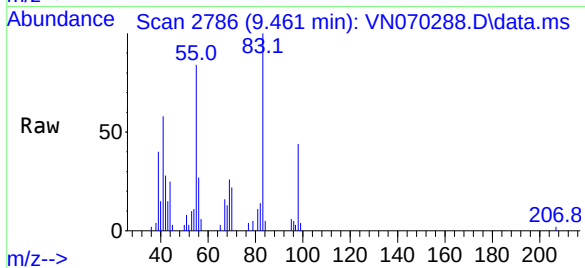
Acq: 22 Dec 2021 13:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 14145
Ion Ratio	Lower Upper
83	100
55	81.1 58.1 87.1
98	44.4 38.4 57.6



#40

Benzene

Concen: 37.088 ug/l

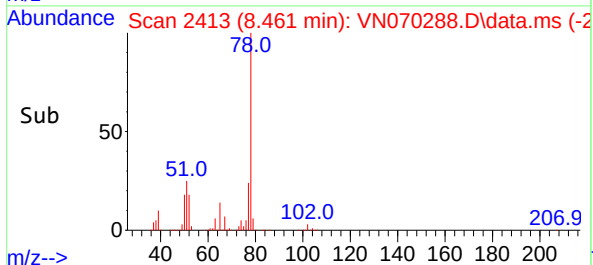
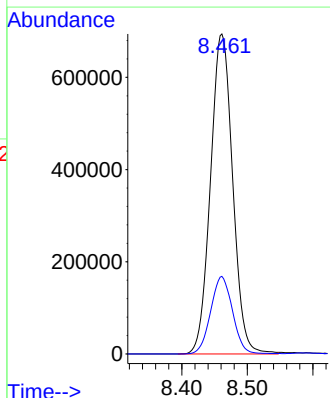
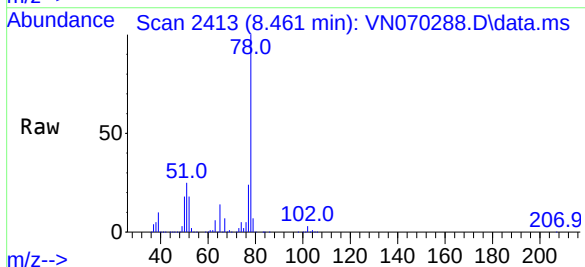
RT: 8.461 min Scan# 2413

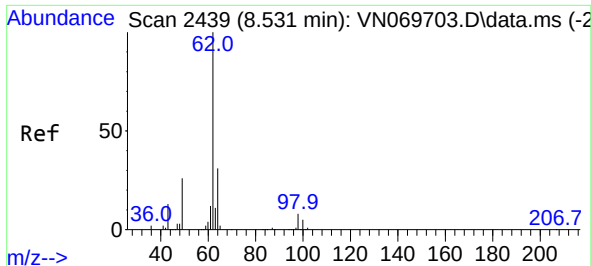
Delta R.T. 0.000 min

Lab File: VN070288.D

Acq: 22 Dec 2021 13:20

Tgt Ion: 78	Resp: 1630399
Ion Ratio	Lower Upper
78	100
77	24.2 18.6 27.8





#42

1,2-Dichloroethane

Concen: 0.940 ug/l

RT: 8.461 min Scan# 24

Delta R.T. -0.070 min

Lab File: VN070288.D

Acq: 22 Dec 2021 13:20

Instrument :

MSVOA_N

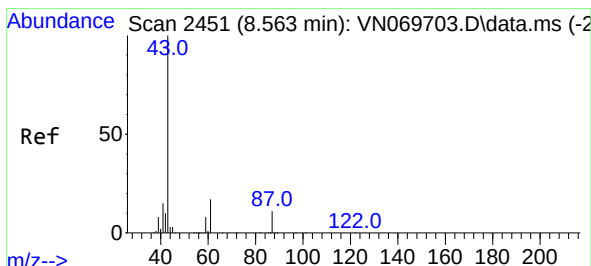
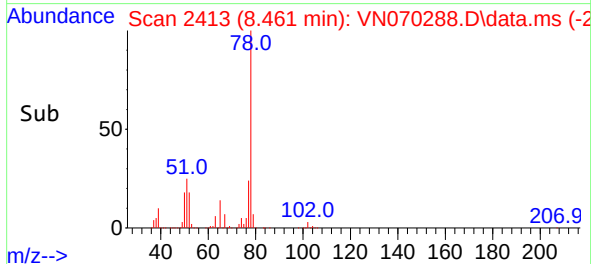
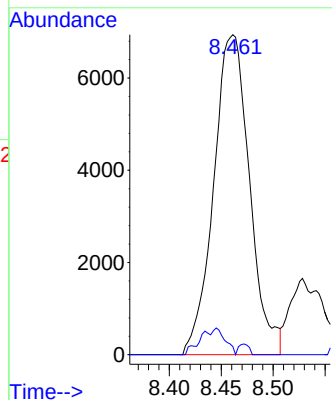
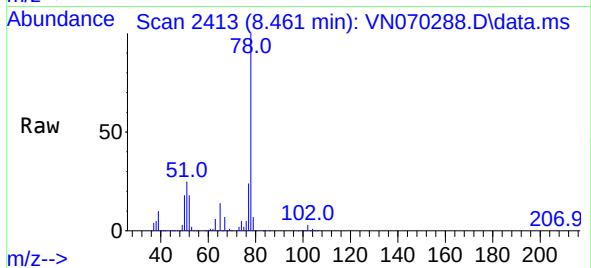
ClientSampleId :

Tgt Ion: 62 Resp: 16687

Ion Ratio Lower Upper

62 100

98 1.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 2.596 ug/l

RT: 8.536 min Scan# 2441

Delta R.T. -0.027 min

Lab File: VN070288.D

Acq: 22 Dec 2021 13:20

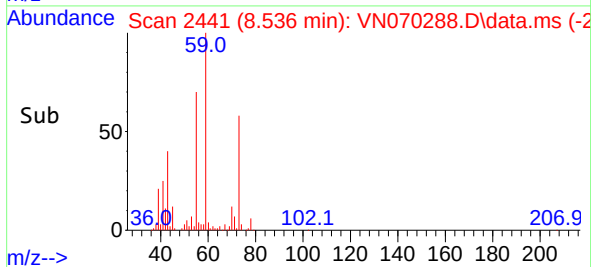
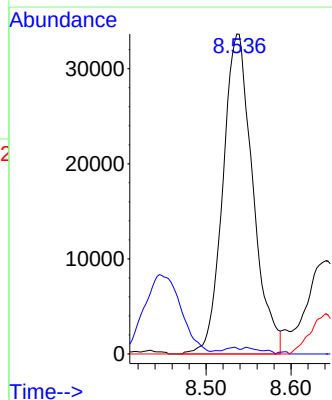
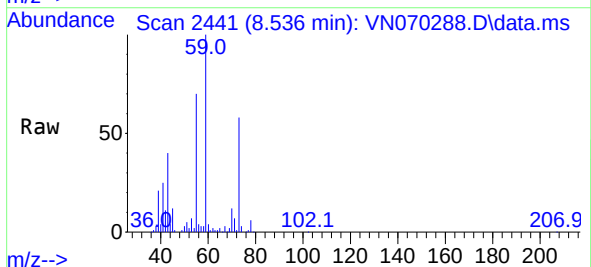
Tgt Ion: 43 Resp: 82220

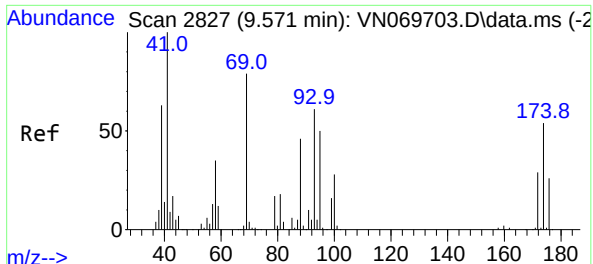
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#

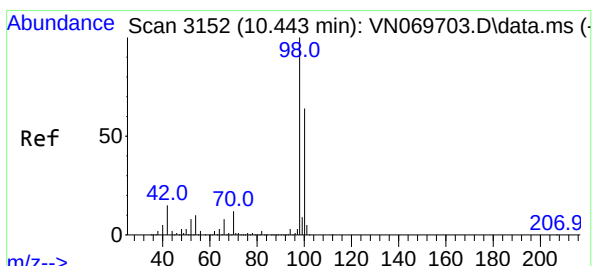
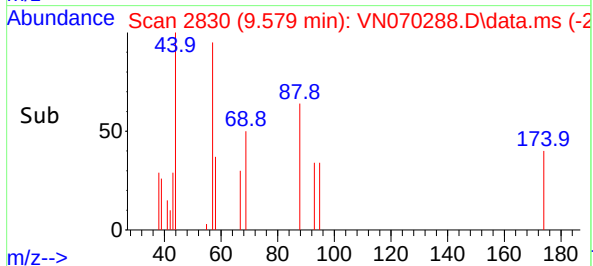
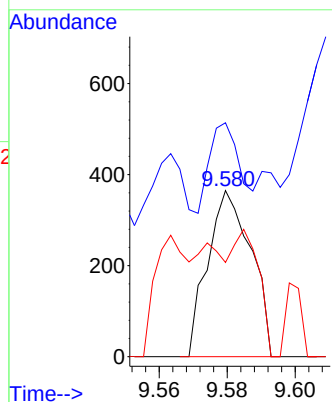
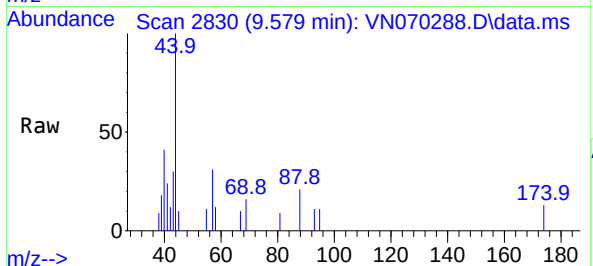




#49
1,4-Dioxane
Concen: 1.218 ug/l
RT: 9.579 min Scan# 21
Delta R.T. 0.008 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

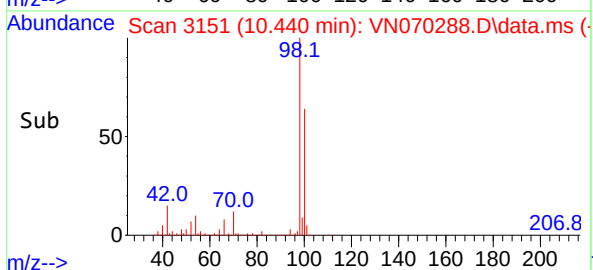
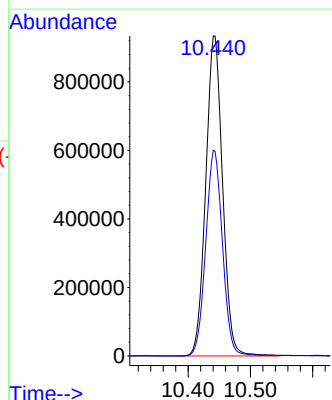
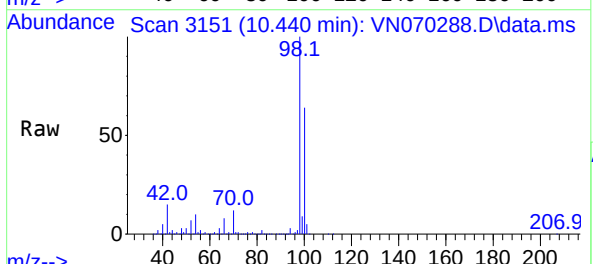
Instrument :
MSVOA_N
ClientSampleId :

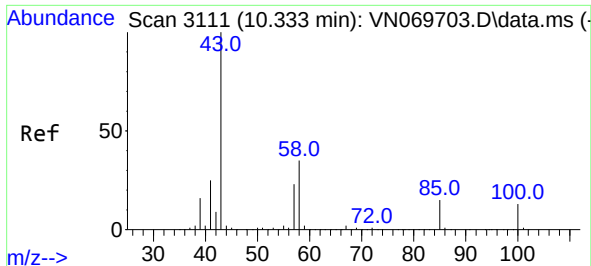
Tgt Ion: 88 Resp: 323
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 55.1 50.6 75.8



#50
Toluene-d8
Concen: 46.203 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 98 Resp: 1755580
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.543 ug/l

RT: 10.333 min Scan# 3111

Delta R.T. 0.000 min

Lab File: VN070288.D

Acq: 22 Dec 2021 13:20

Instrument :

MSVOA_N

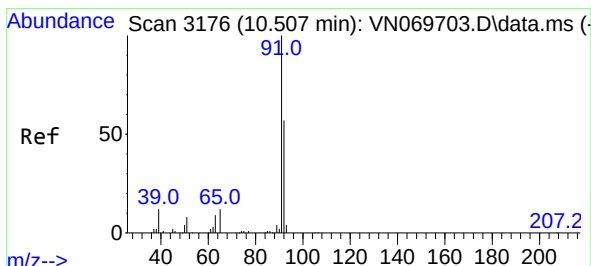
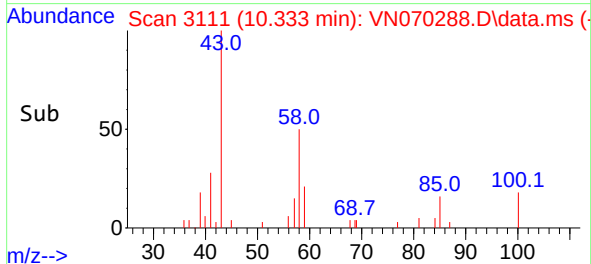
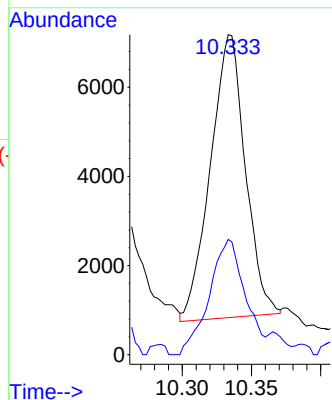
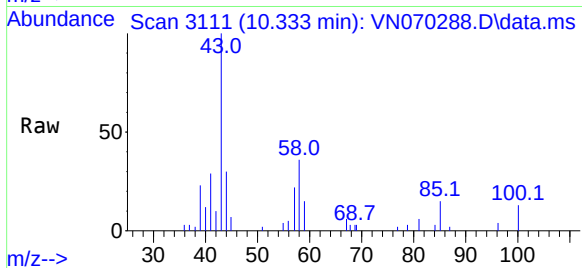
ClientSampleId :

Tgt Ion: 43 Resp: 11151

Ion Ratio Lower Upper

43 100

58 41.8 30.4 45.6



#52

Toluene

Concen: 54.063 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN070288.D

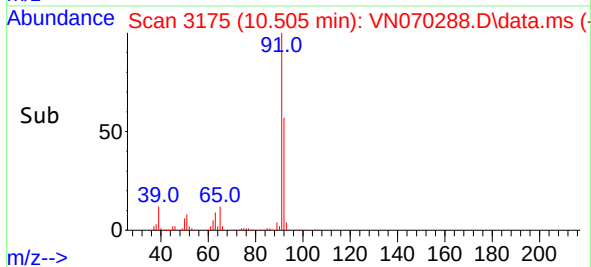
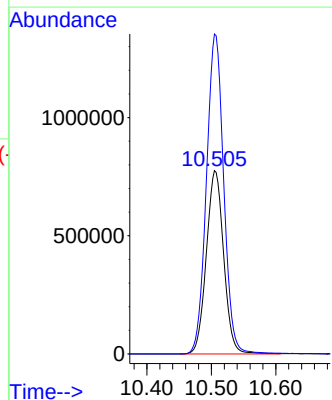
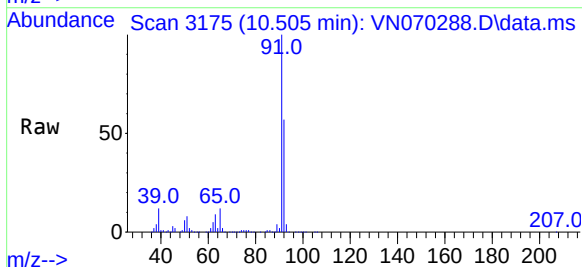
Acq: 22 Dec 2021 13:20

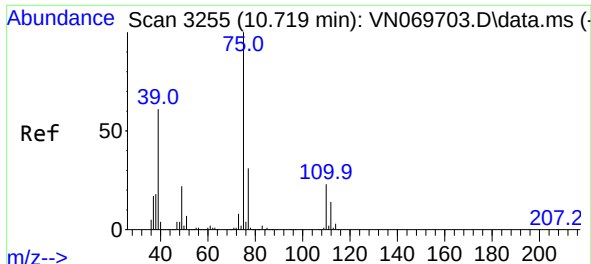
Tgt Ion: 92 Resp: 1450955

Ion Ratio Lower Upper

92 100

91 174.2 142.0 213.0

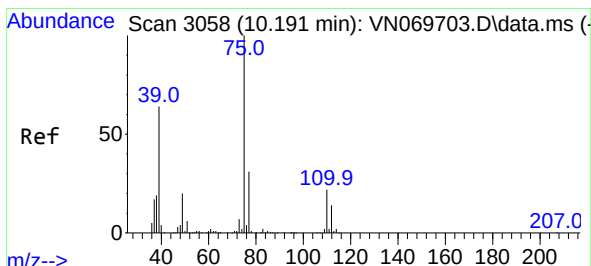
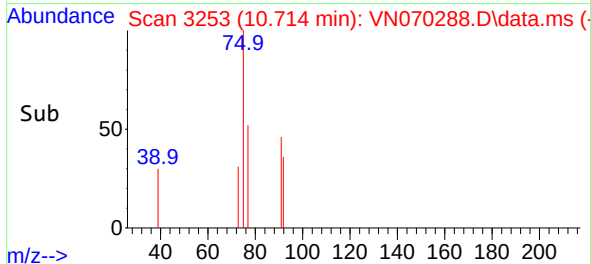
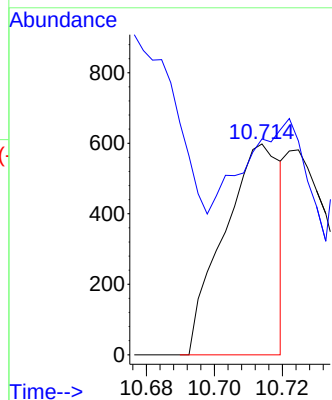
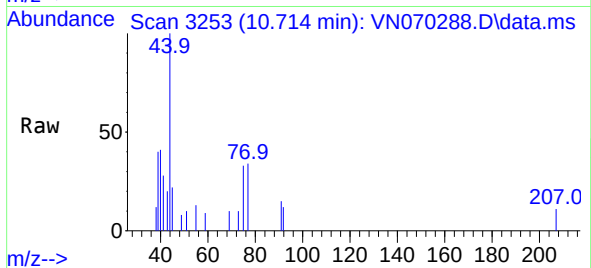




#53
t-1,3-Dichloropropene
Concen: 2.831 ug/l
RT: 10.714 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

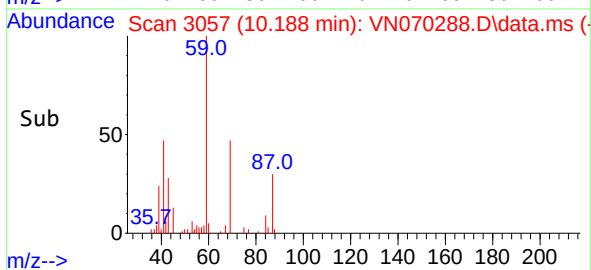
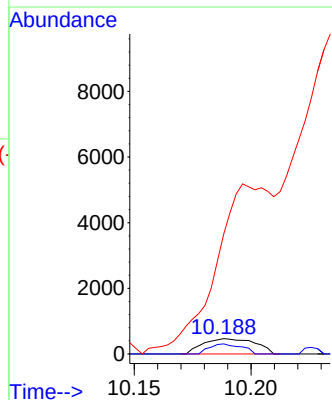
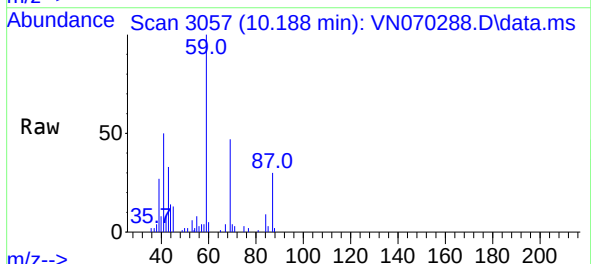
Instrument :
MSVOA_N
ClientSampleId :

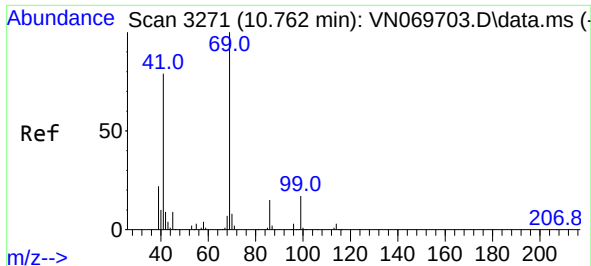
Tgt Ion: 75 Resp: 686
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.036 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

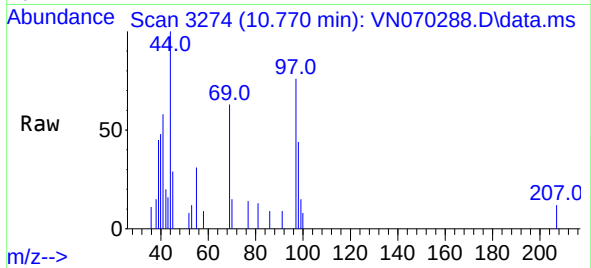
Tgt Ion: 75 Resp: 728
Ion Ratio Lower Upper
75 100
77 65.8 26.4 39.6#
39 651.5 42.5 63.7#



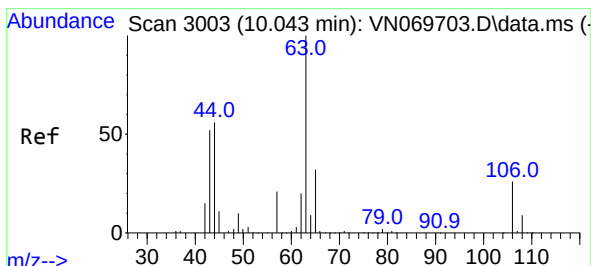
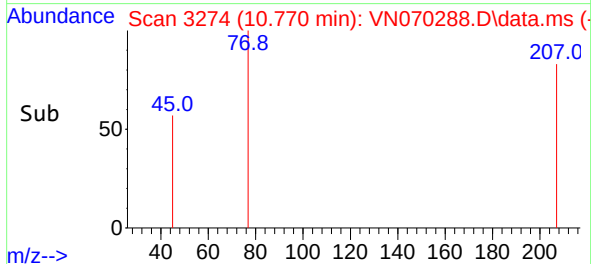
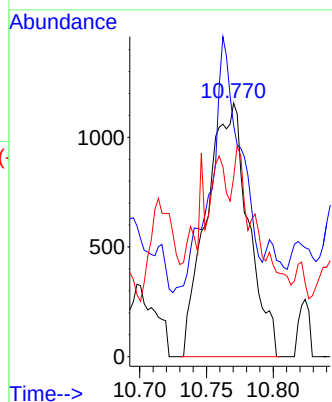


#56
Ethyl methacrylate
Concen: 2.397 ug/l
RT: 10.770 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :

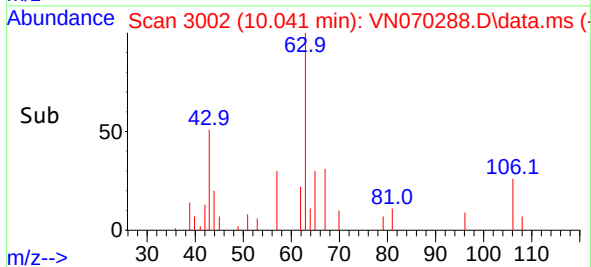
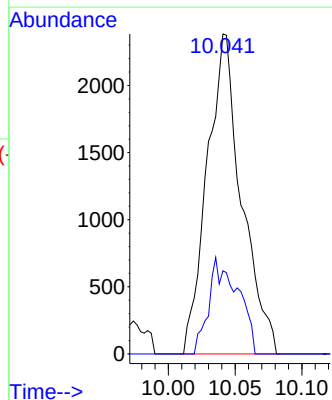
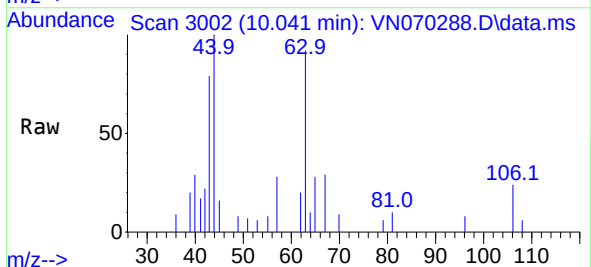


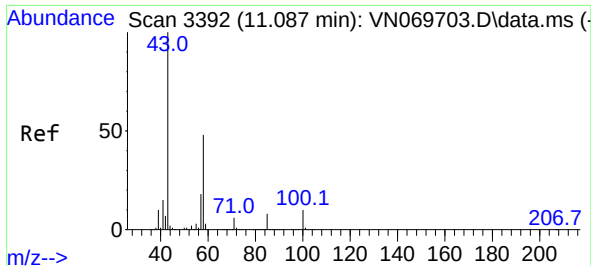
Tgt Ion: 69 Resp: 2523
Ion Ratio Lower Upper
69 100
41 72.6 51.4 77.0
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.107 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 63 Resp: 4274
Ion Ratio Lower Upper
63 100
106 25.4 23.9 35.9

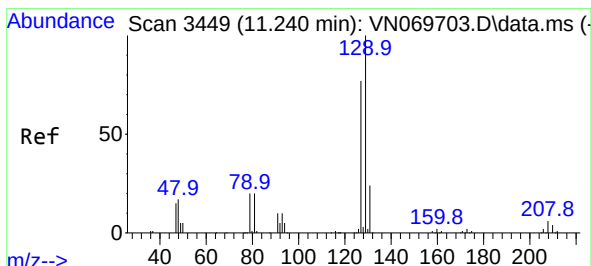
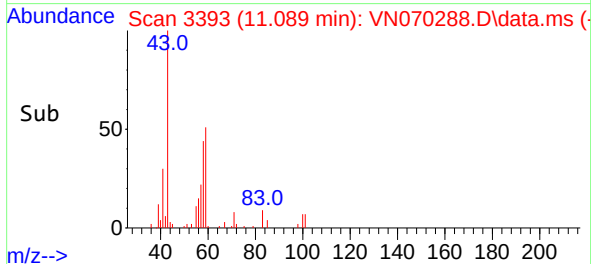
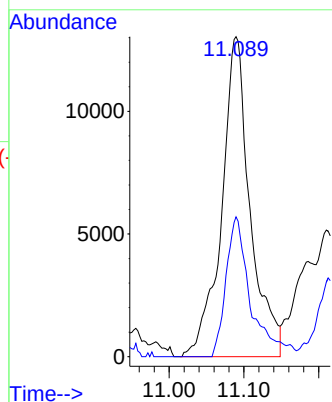
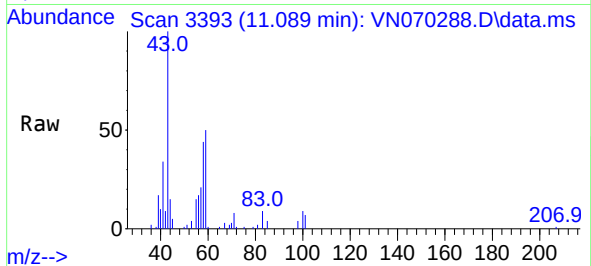




#59
2-Hexanone
Concen: 2.231 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

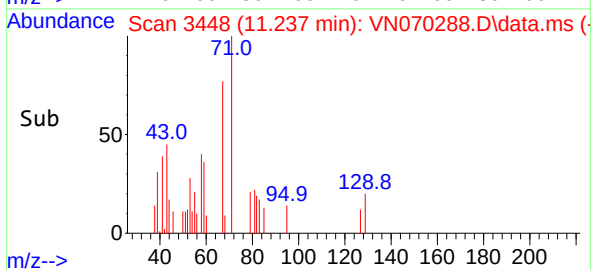
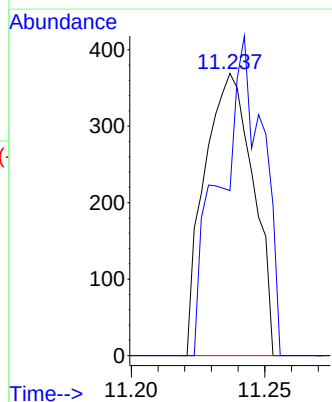
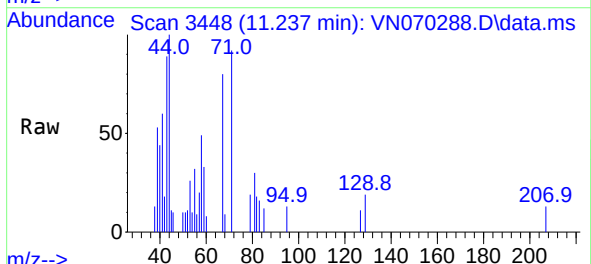
Instrument :
MSVOA_N
ClientSampleId :

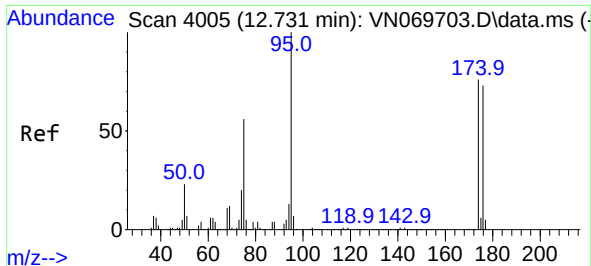
Tgt Ion: 43 Resp: 34677
Ion Ratio Lower Upper
43 100
58 36.8 26.9 80.7



#60
Dibromochloromethane
Concen: 2.415 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion:129 Resp: 467
Ion Ratio Lower Upper
129 100
127 100.4 38.6 116.0

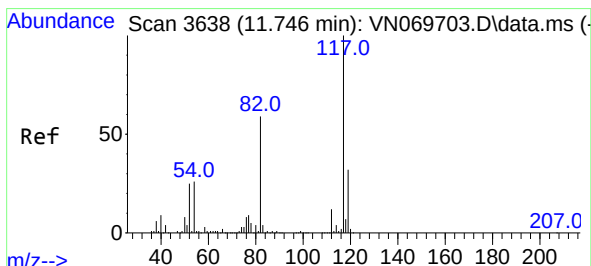
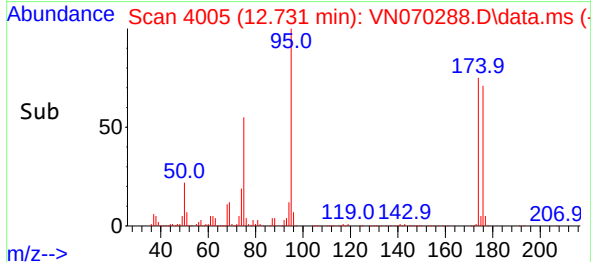
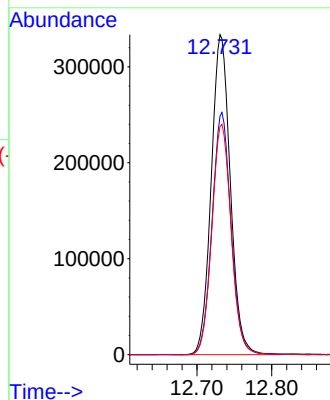
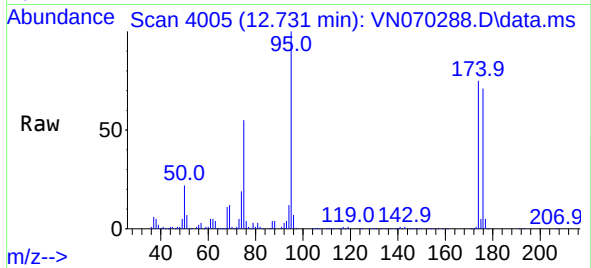




#62
4-Bromofluorobenzene
Concen: 42.952 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

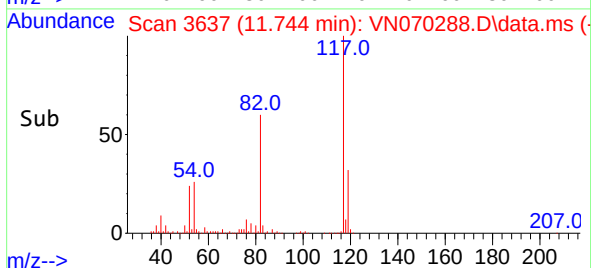
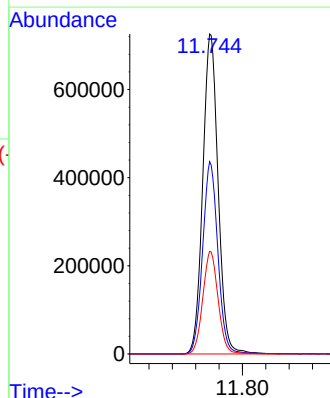
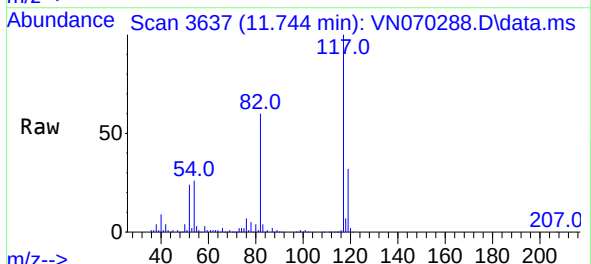
Instrument :
MSVOA_N
ClientSampleId :

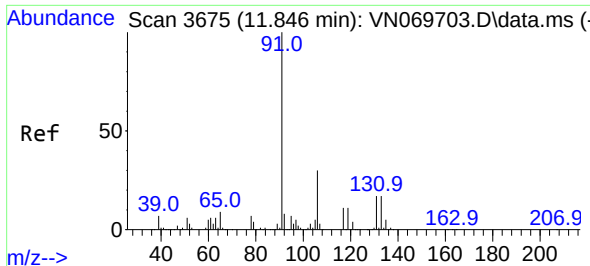
Tgt Ion: 95 Resp: 591262
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 117 Resp: 1325137
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.0 25.4 38.2

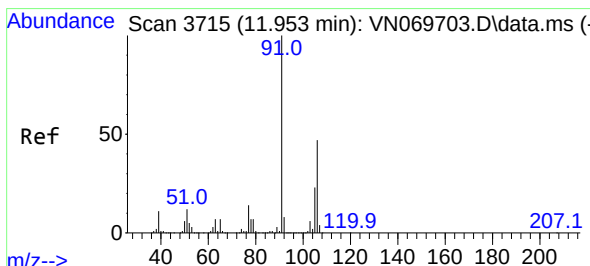
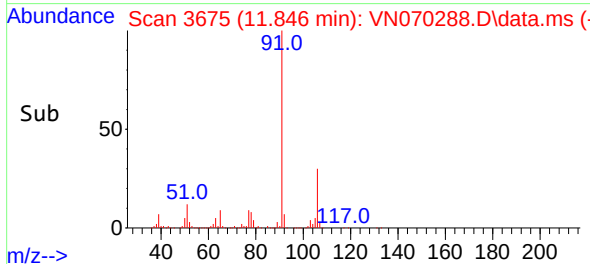
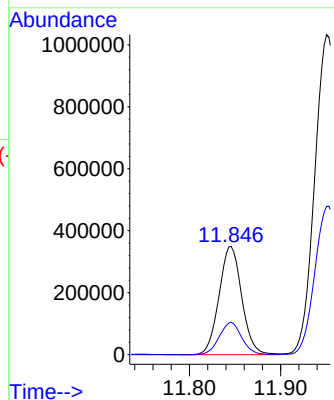
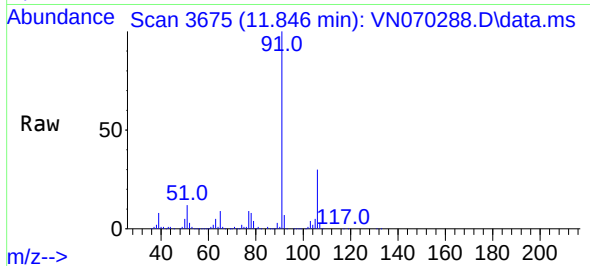




#67
Ethyl Benzene
Concen: 12.398 ug/l
RT: 11.846 min Scan# 307
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

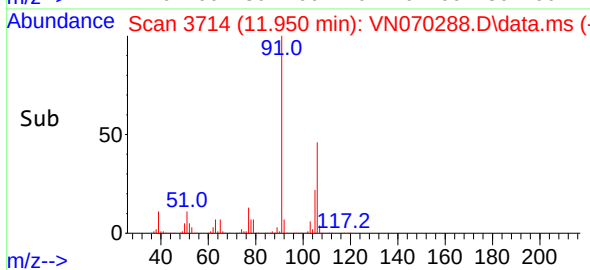
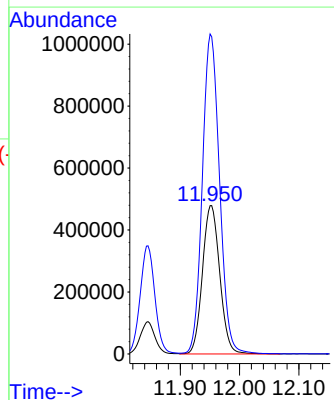
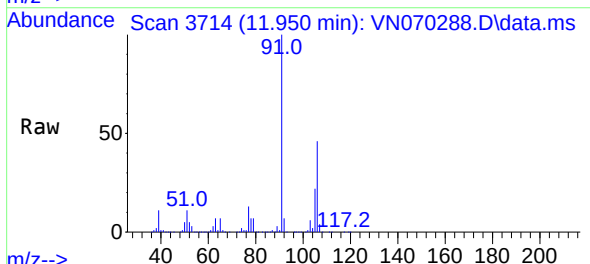
Instrument :
MSVOA_N
ClientSampleId :

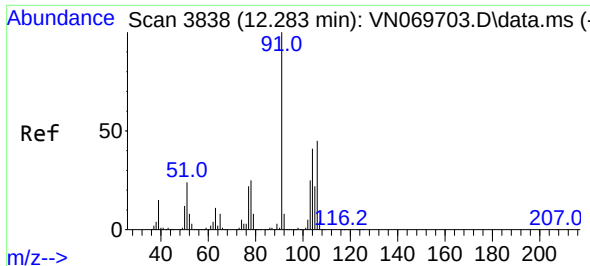
Tgt Ion: 91 Resp: 605442
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 54.488 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion:106 Resp: 968807
Ion Ratio Lower Upper
106 100
91 214.2 160.6 240.8

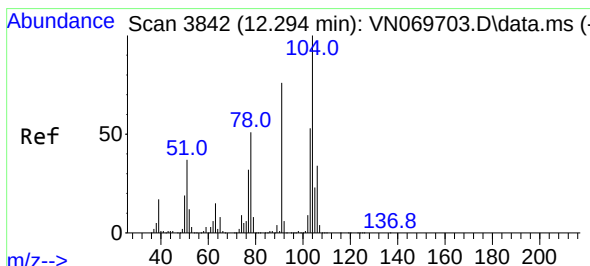
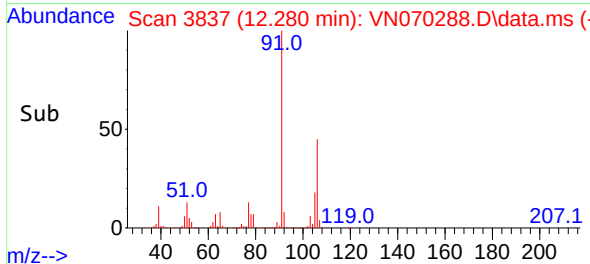
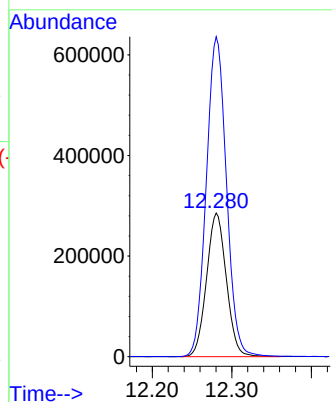
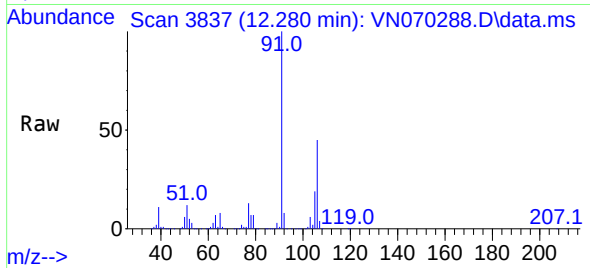




#69
o-Xylene
Concen: 27.564 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

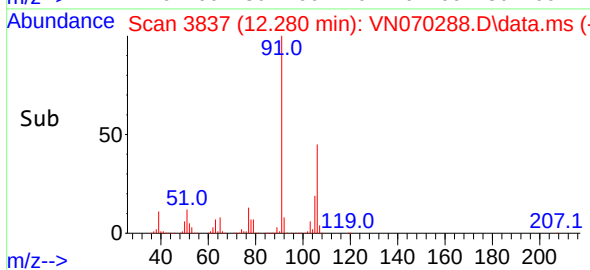
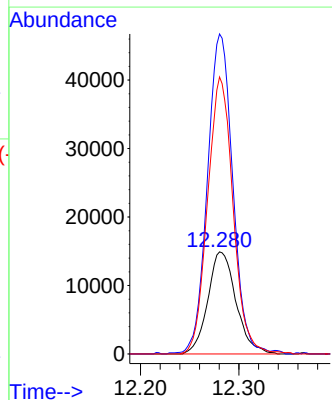
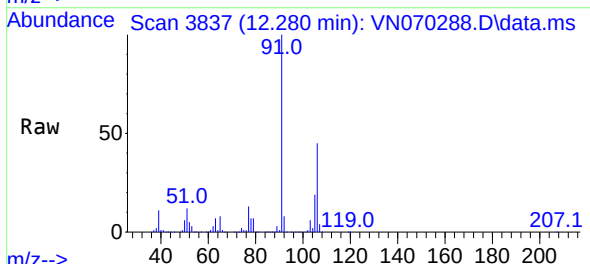
Instrument :
MSVOA_N
ClientSampleId :

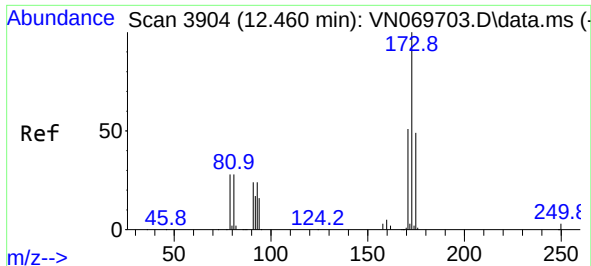
Tgt Ion:106 Resp: 493653
Ion Ratio Lower Upper
106 100
91 226.9 105.8 317.3



#70
Styrene
Concen: 1.048 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion:104 Resp: 29767
Ion Ratio Lower Upper
104 100
78 281.3 38.7 58.1#
103 245.2 45.0 67.6#

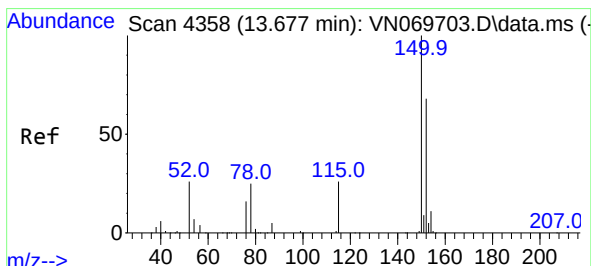
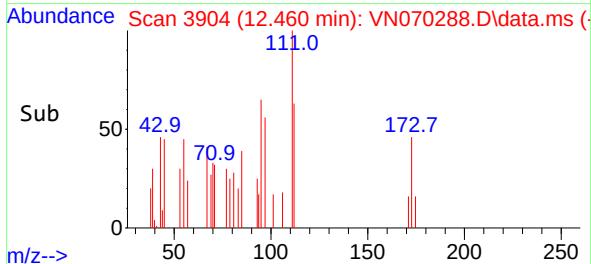
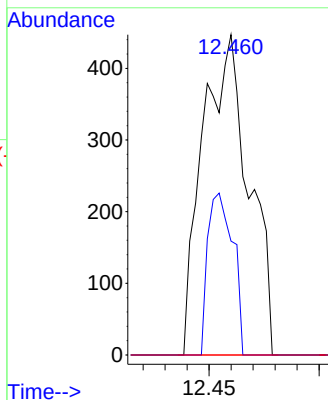
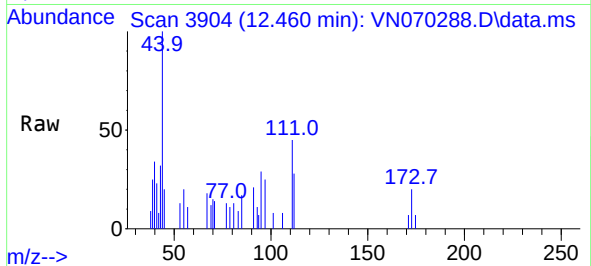




#71
Bromoform
Concen: 2.807 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

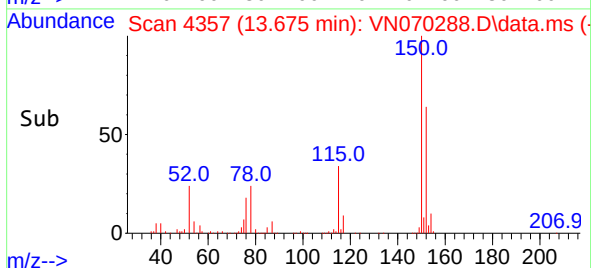
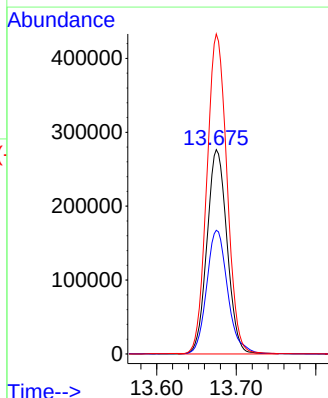
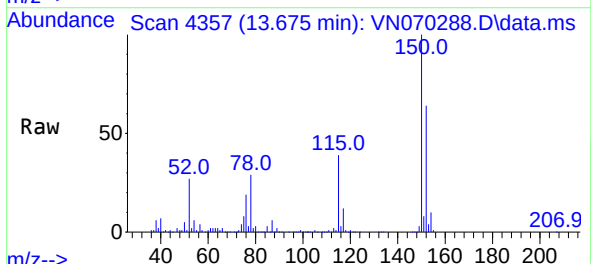
Instrument :
MSVOA_N
ClientSampleId :

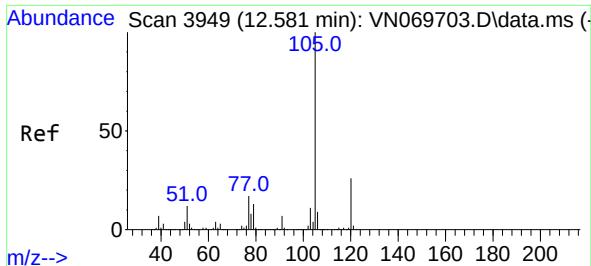
Tgt Ion:173 Resp: 652
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

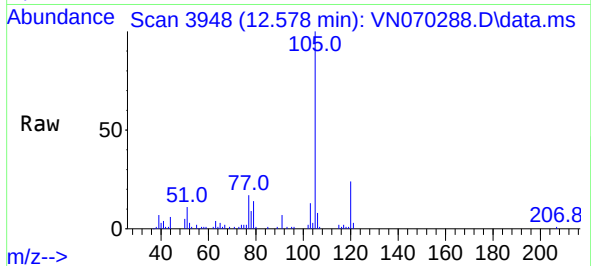
Tgt Ion:152 Resp: 484912
Ion Ratio Lower Upper
152 100
115 63.1 27.5 82.5
150 155.9 0.0 344.4



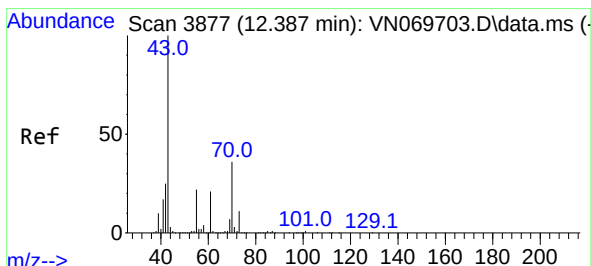
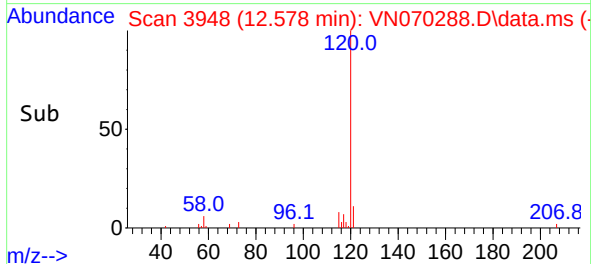
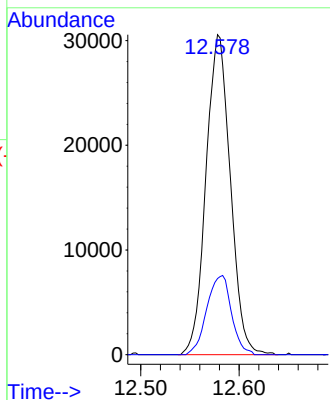


#73
Isopropylbenzene
Concen: 1.220 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :

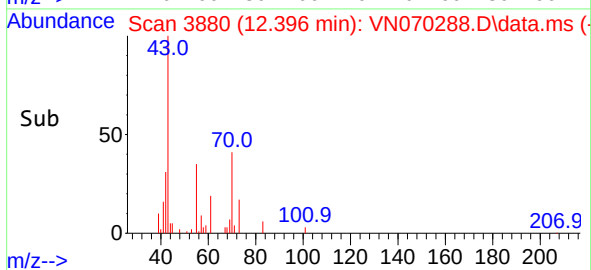
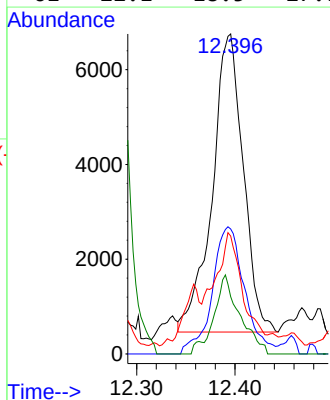
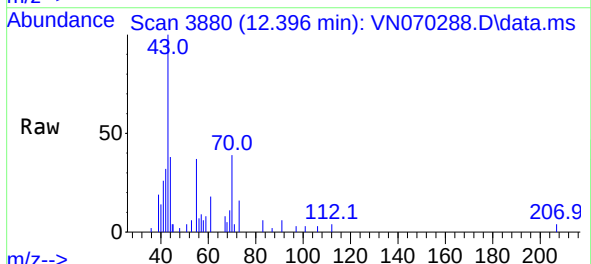


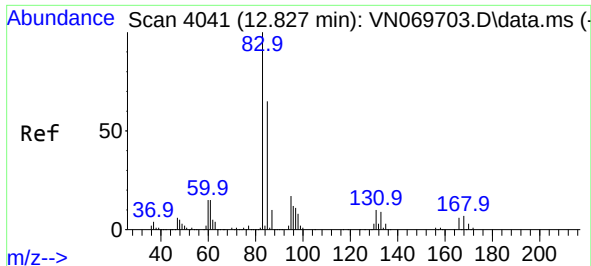
Tgt Ion:105 Resp: 52651
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1



#74
N-ethyl acetate
Concen: 0.723 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.008 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 43 Resp: 13793
Ion Ratio Lower Upper
43 100
70 44.5 33.4 50.0
55 30.1 19.3 28.9#
61 22.1 18.5 27.7

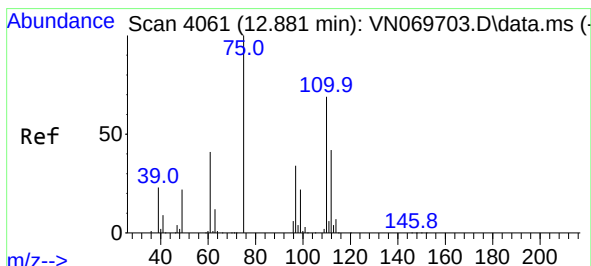
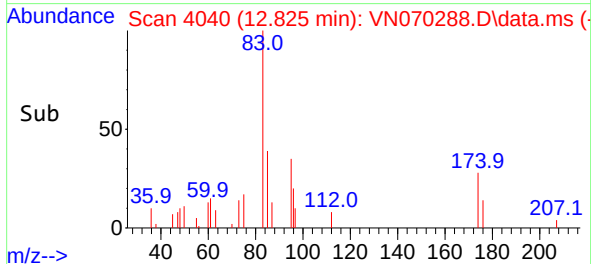
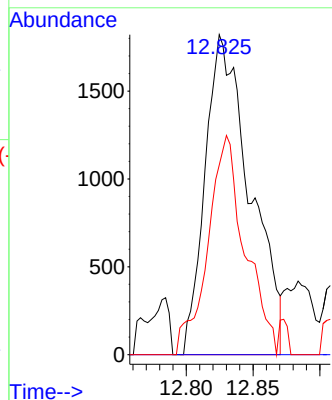
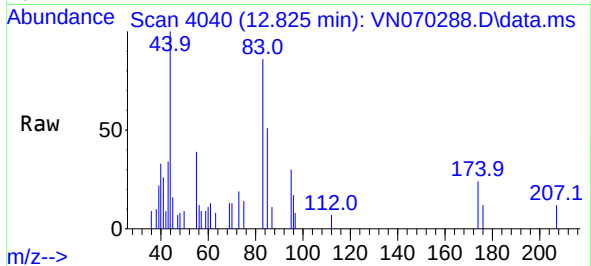




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.286 ug/l
 RT: 12.825 min Scan# 4041
 Delta R.T. -0.003 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

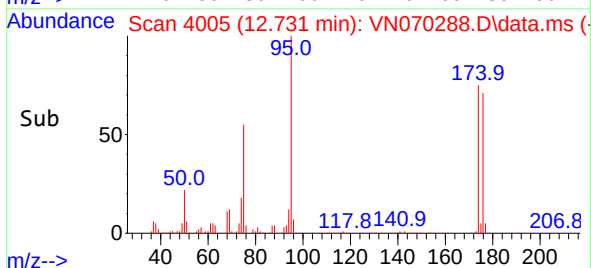
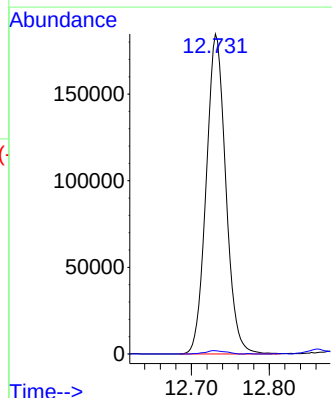
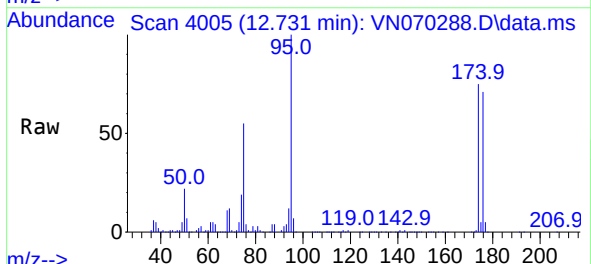
Instrument :
 MSVOA_N
 ClientSampleId :

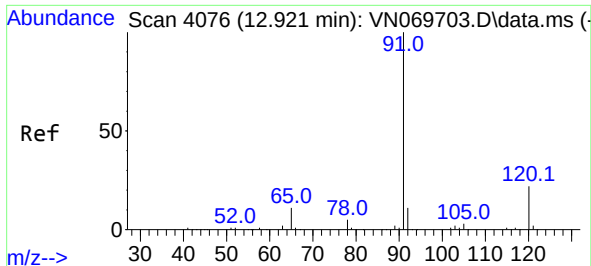
Tgt Ion: 83 Resp: 4268
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 56.5 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 23.203 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

Tgt Ion: 75 Resp: 322669
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

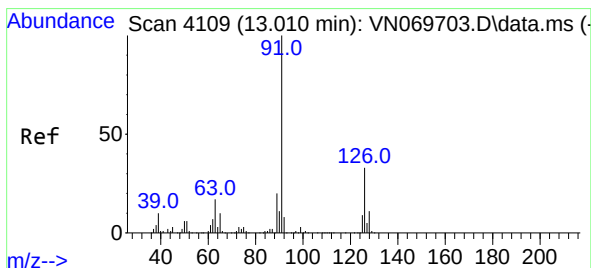
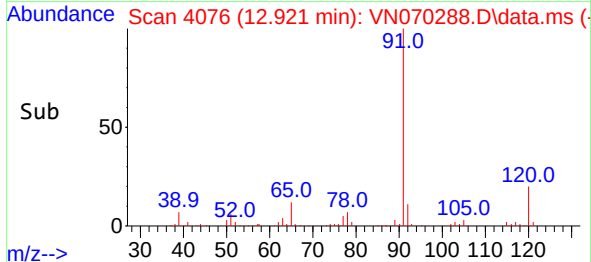
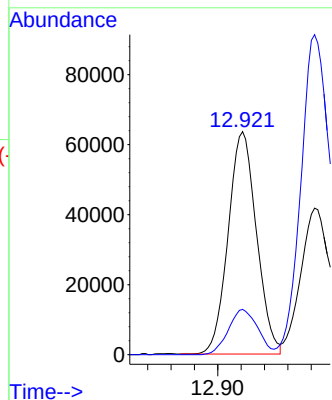
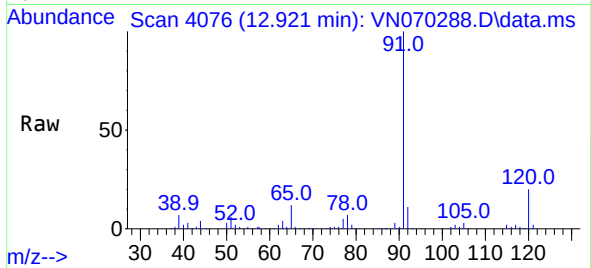




#78
n-propylbenzene
Concen: 2.228 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

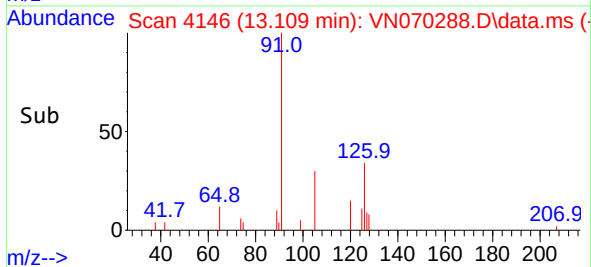
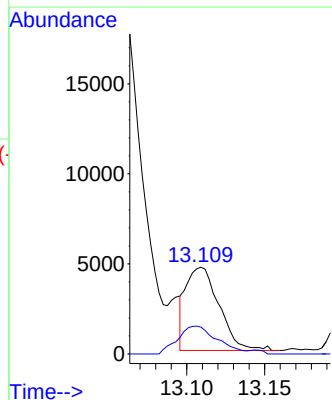
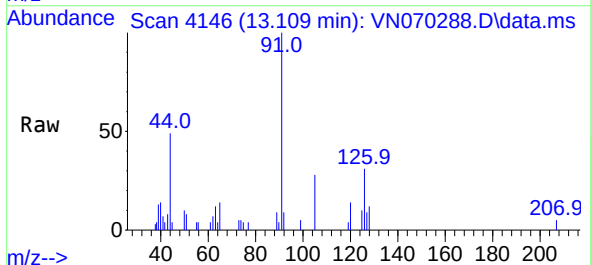
Instrument :
MSVOA_N
ClientSampleId :

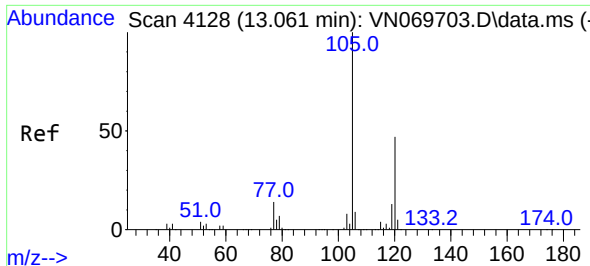
Tgt Ion: 91 Resp: 106945
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.225 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.099 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 91 Resp: 6825
Ion Ratio Lower Upper
91 100
126 39.8 18.3 54.8

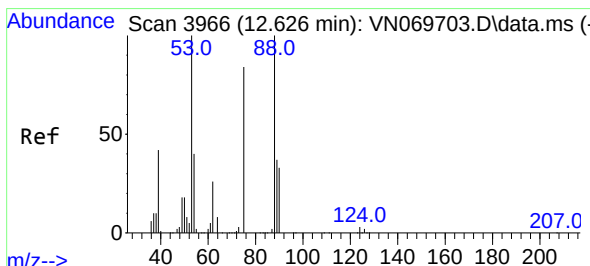
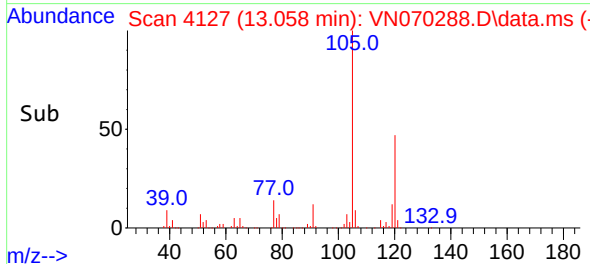
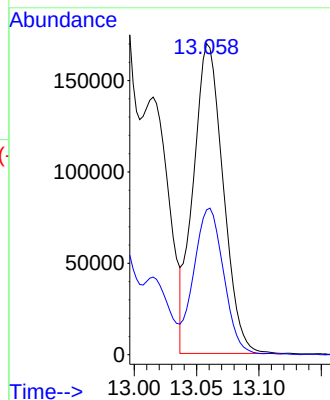
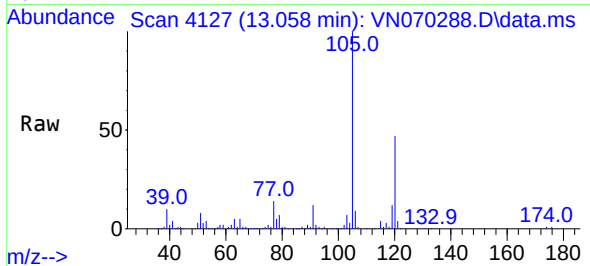




#80
 1,3,5-Trimethylbenzene
 Concen: 8.140 ug/l
 RT: 13.058 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

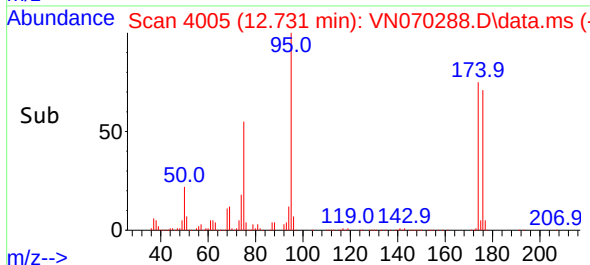
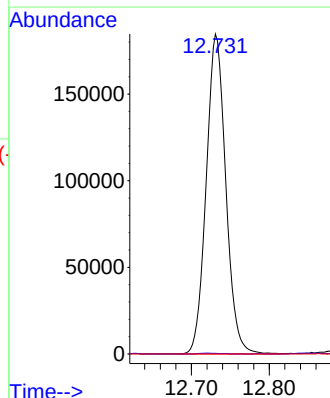
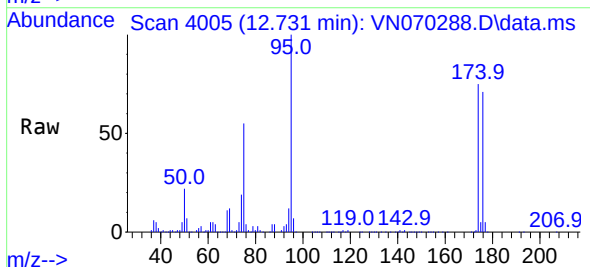
Instrument :
 MSVOA_N
 ClientSampleId :

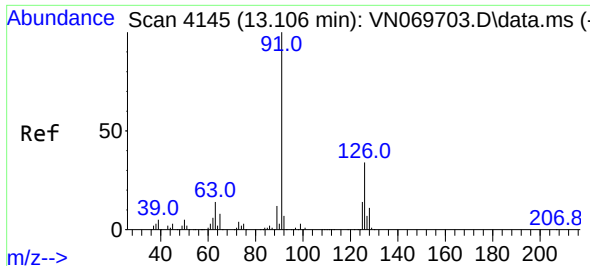
Tgt Ion:105 Resp: 282671
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.835 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.105 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

Tgt Ion: 75 Resp: 322669
 Ion Ratio Lower Upper
 75 100
 53 0.2 90.5 135.7#
 89 0.0 38.2 57.4#

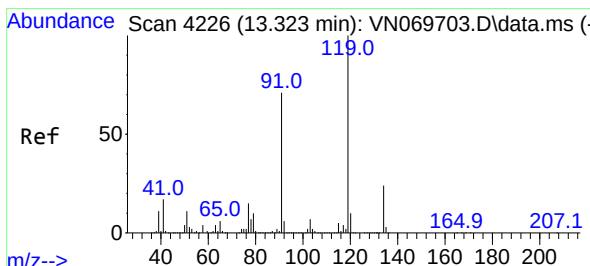
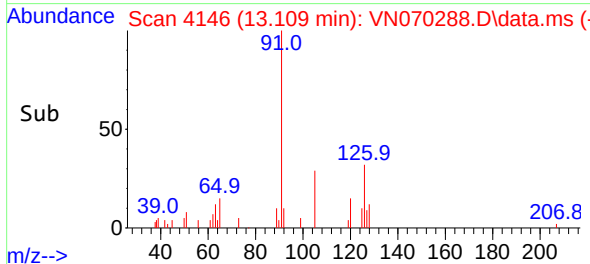
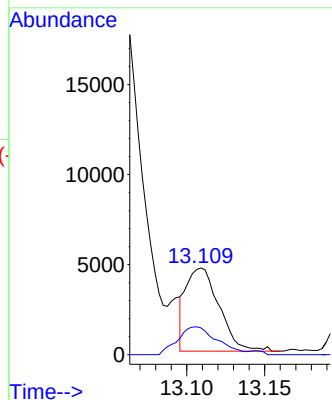
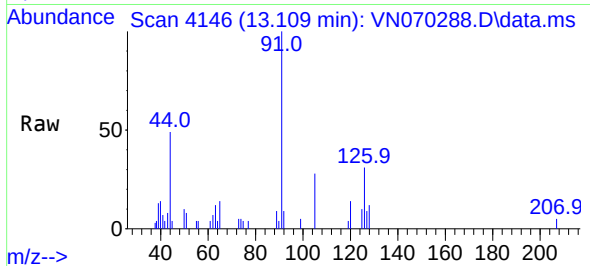




#82
4-Chlorotoluene
Concen: 0.239 ug/l
RT: 13.109 min Scan# 4145
Delta R.T. 0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

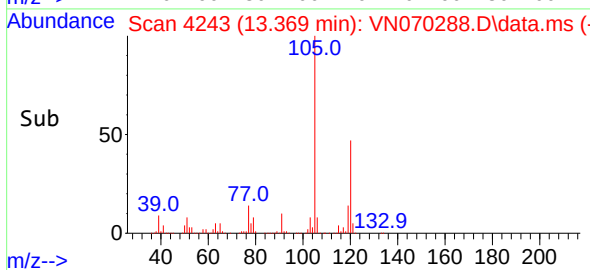
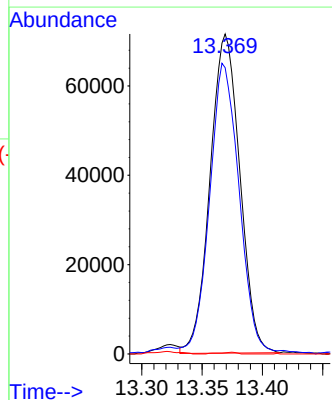
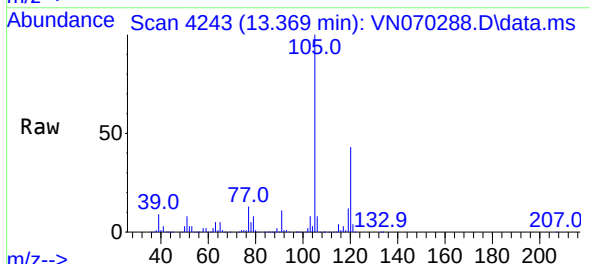
Instrument :
MSVOA_N
ClientSampleId :

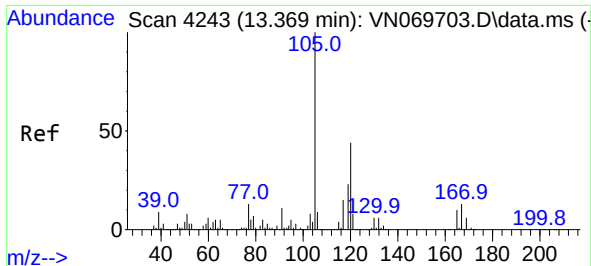
Tgt Ion: 91 Resp: 6825
Ion Ratio Lower Upper
91 100
126 39.8 18.2 54.6



#83
tert-Butylbenzene
Concen: 3.991 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.046 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 119 Resp: 122703
Ion Ratio Lower Upper
119 100
91 91.2 31.5 94.5
134 0.3 12.4 37.4#

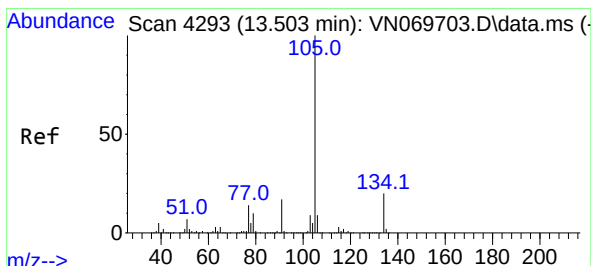
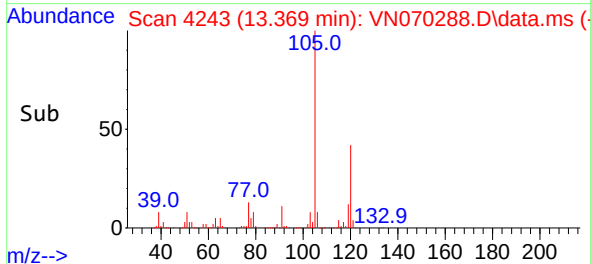
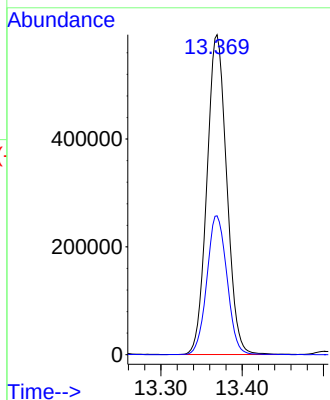
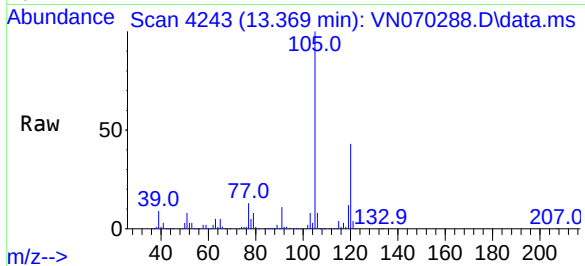




#84
1,2,4-Trimethylbenzene
Concen: 30.413 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

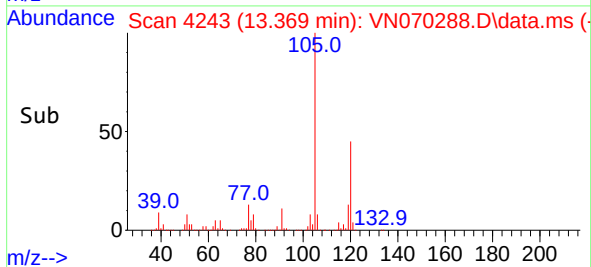
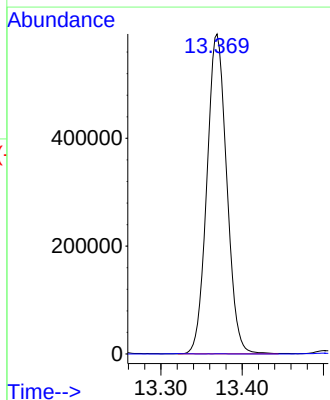
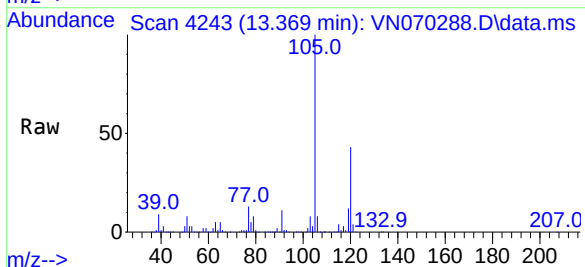
Instrument :
MSVOA_N
ClientSampleId :

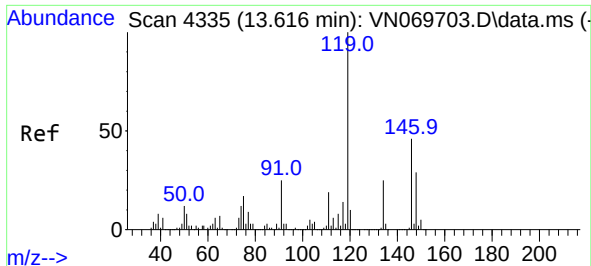
Tgt Ion:105 Resp: 1005801
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4



#85
sec-Butylbenzene
Concen: 24.116 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.134 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

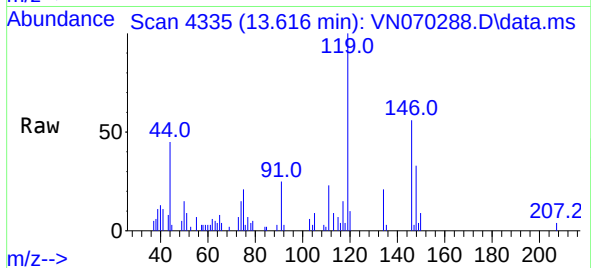
Tgt Ion:105 Resp: 1005801
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#



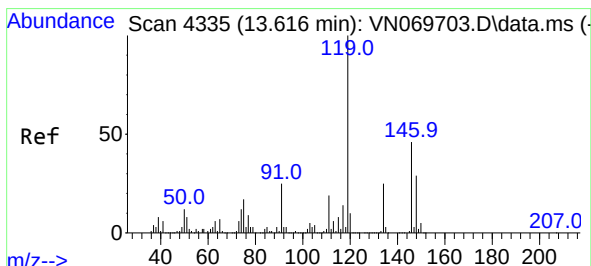
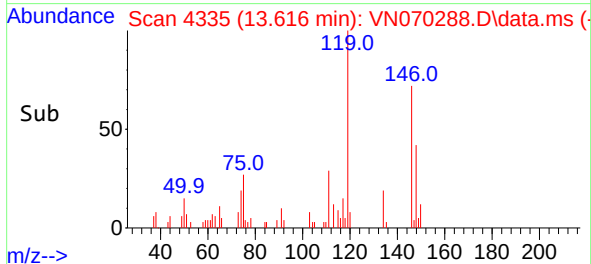
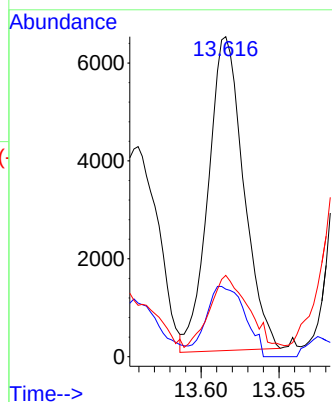


#86
p-Isopropyltoluene
Concen: 0.309 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :

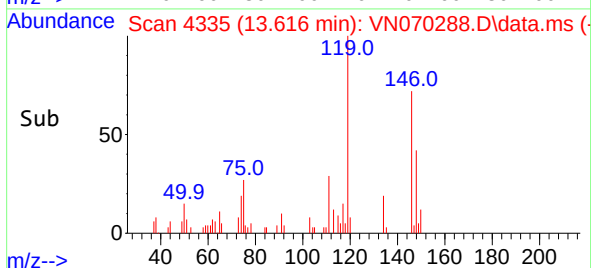
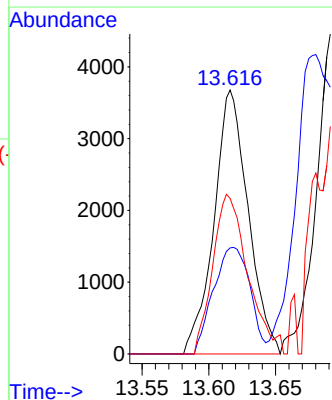
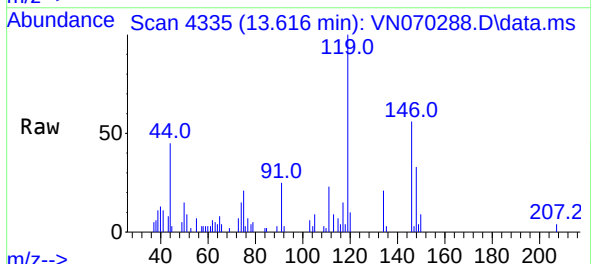


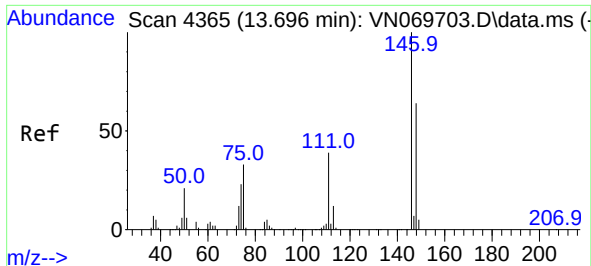
Tgt Ion:119 Resp: 10088
Ion Ratio Lower Upper
119 100
134 24.6 13.6 40.7
91 0.0 11.4 34.1#



#87
1,3-Dichlorobenzene
Concen: 0.393 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

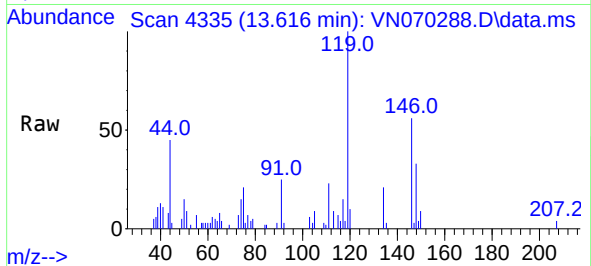
Tgt Ion:146 Resp: 6544
Ion Ratio Lower Upper
146 100
111 43.3 18.6 55.6
148 62.0 31.6 95.0



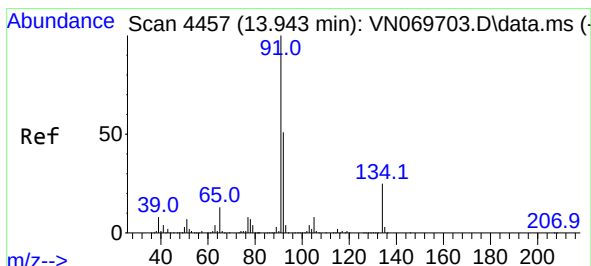
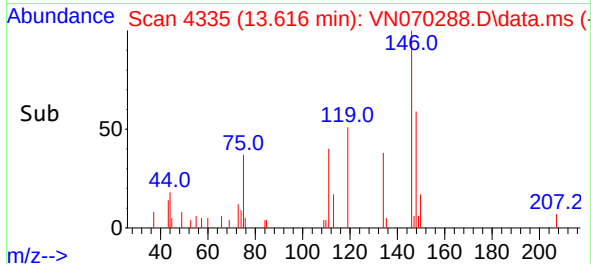
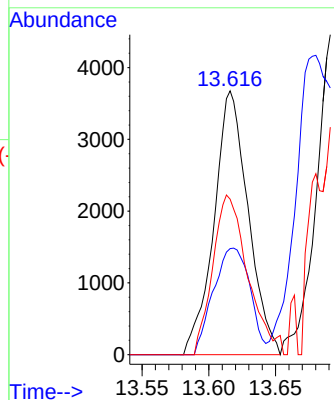


#88
1,4-Dichlorobenzene
Concen: 0.400 ug/l
RT: 13.616 min Scan# 41
Delta R.T. -0.080 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :

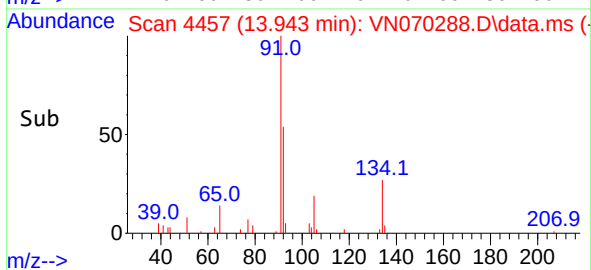
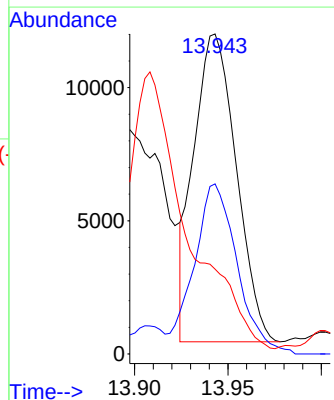
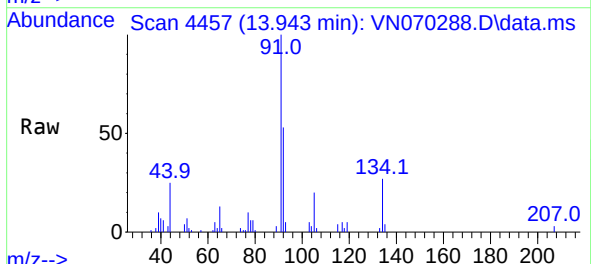


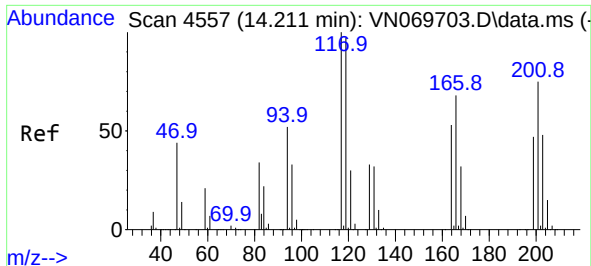
Tgt Ion:146 Resp: 6544
Ion Ratio Lower Upper
146 100
111 43.3 18.3 54.8
148 62.0 31.8 95.4



#89
n-Butylbenzene
Concen: 0.691 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 91 Resp: 18274
Ion Ratio Lower Upper
91 100
92 56.6 25.4 76.0
134 0.0 13.6 40.8#

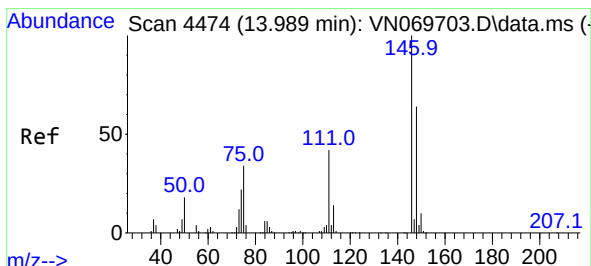
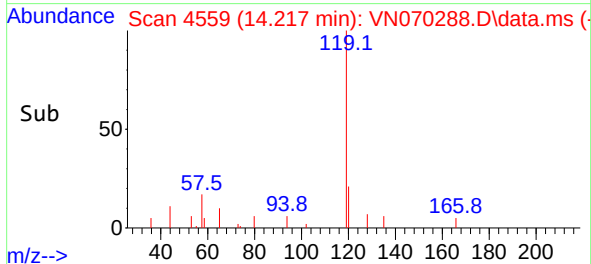
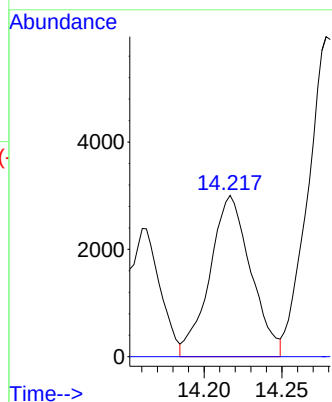
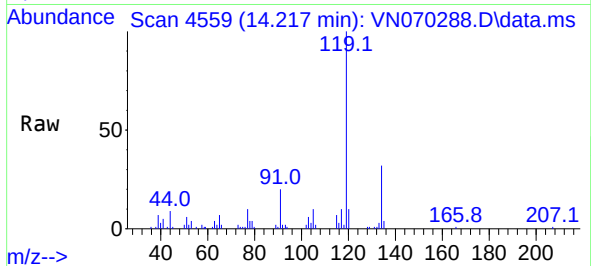




#90
Hexachloroethane
Concen: 0.961 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

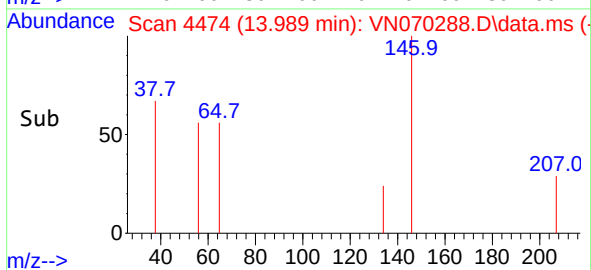
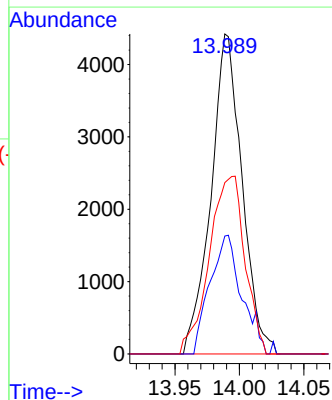
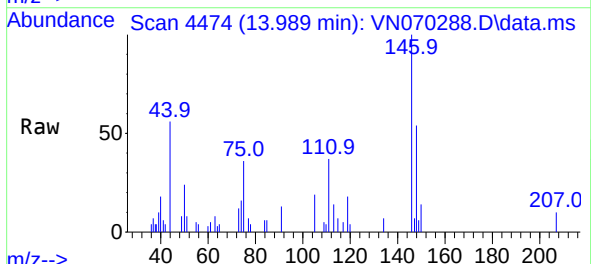
Instrument :
MSVOA_N
ClientSampleId :

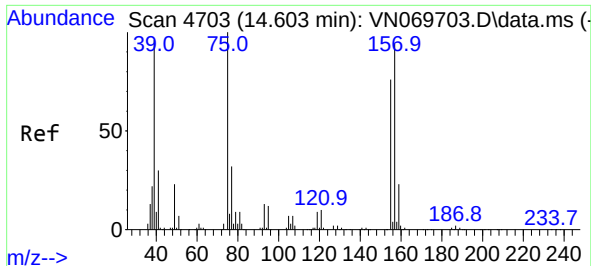
Tgt Ion:117 Resp: 5498
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#91
1,2-Dichlorobenzene
Concen: 0.457 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion:146 Resp: 7414
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.3
148 63.6 32.1 96.3

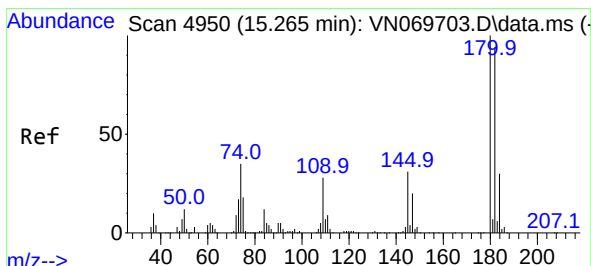
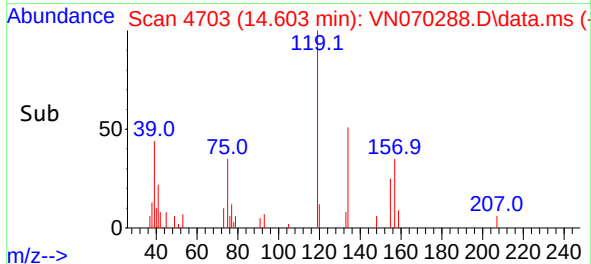
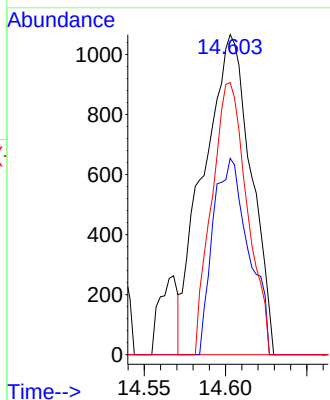
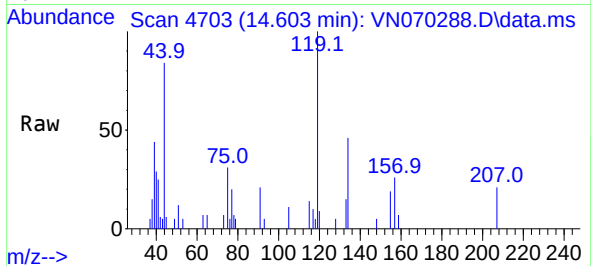




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.804 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

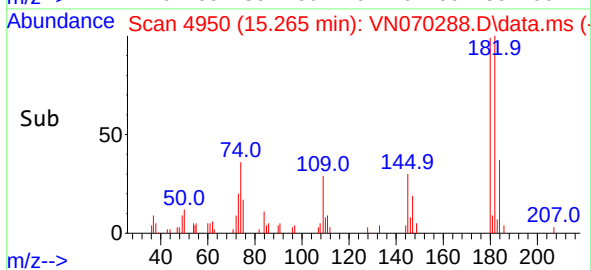
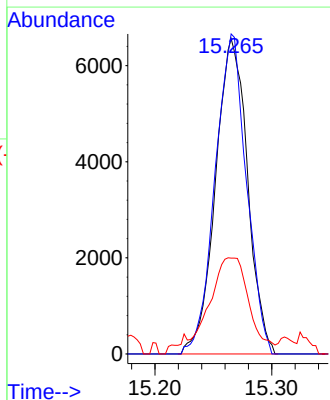
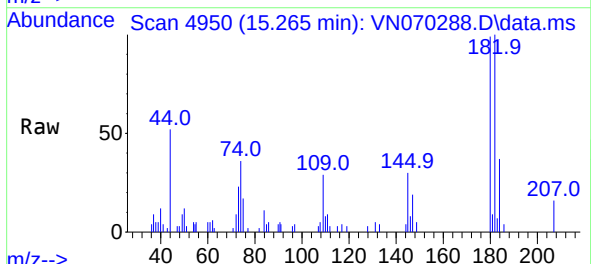
Instrument :
MSVOA_N
ClientSampleId :

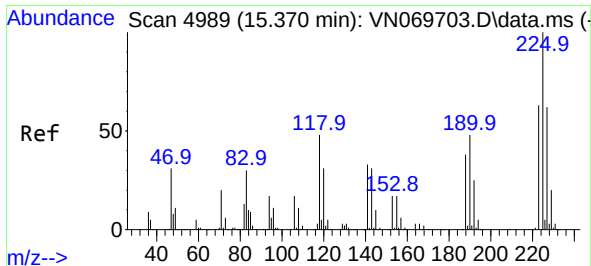
Tgt Ion: 75 Resp: 2167
Ion Ratio Lower Upper
75 100
155 46.0 46.9 140.7#
157 63.4 60.6 181.7



#93
1,2,4-Trichlorobenzene
Concen: 4.360 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion:180 Resp: 12512
Ion Ratio Lower Upper
180 100
182 99.2 48.3 144.9
145 37.0 14.5 43.5

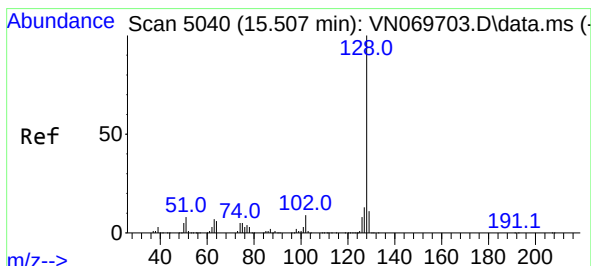
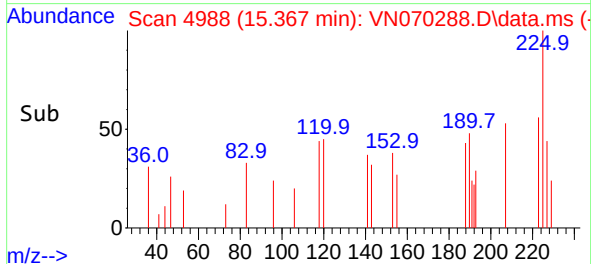
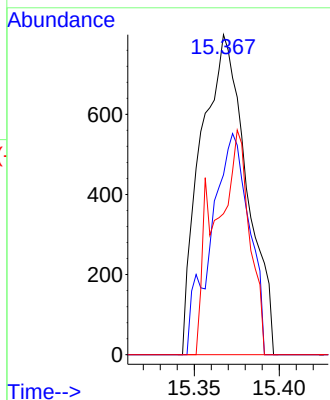
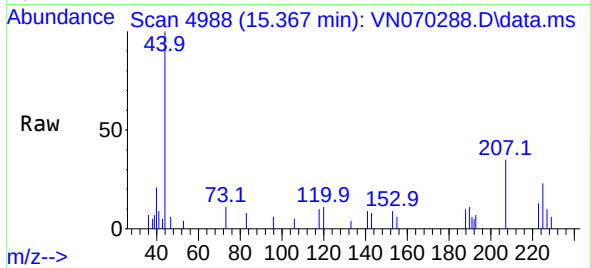




#94
Hexachlorobutadiene
Concen: 0.348 ug/l
RT: 15.367 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

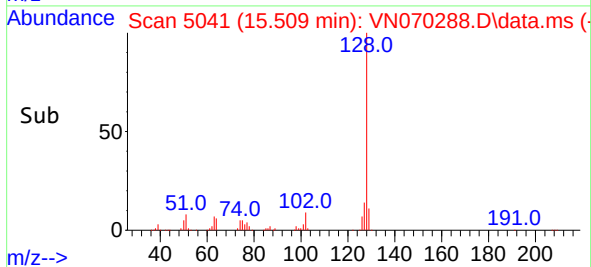
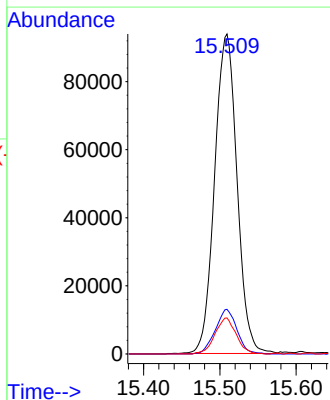
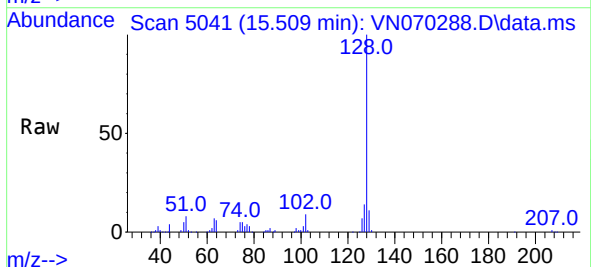
Instrument :
MSVOA_N
ClientSampleId :

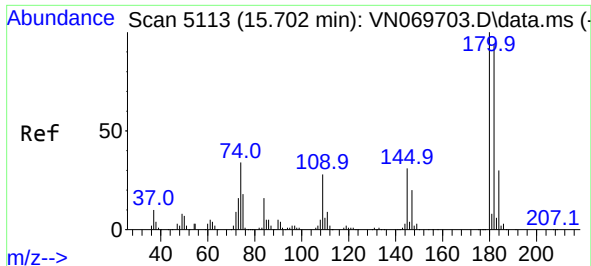
Tgt Ion:225 Resp: 1497
Ion Ratio Lower Upper
225 100
223 57.7 31.9 95.7
227 31.6 32.1 96.3#



#95
Naphthalene
Concen: 11.412 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

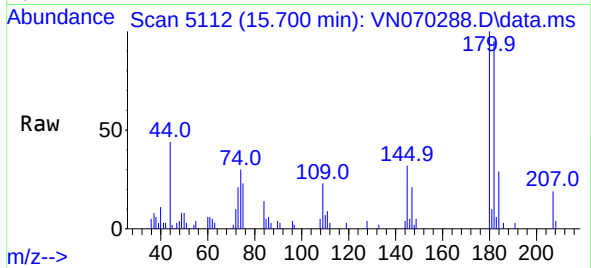
Tgt Ion:128 Resp: 191234
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.324 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	15389
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.2
145	35.7	15.0	45.1

