

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070293.D
 Acq On : 22 Dec 2021 16:53
 Operator : JC/MD
 Sample : M5039-02DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 17:11:31 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	1037785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1761179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1548063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	553813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	730049	45.561	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.120%
35) Dibromofluoromethane	8.024	113	489470	44.370	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.740%
50) Toluene-d8	10.440	98	1835716	41.442	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	82.880%
62) 4-Bromofluorobenzene	12.731	95	628717	39.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	78.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.075	85	3289	0.272	ug/l	98
3) Chloromethane	2.306	50	5930	0.391	ug/l	95
4) Vinyl Chloride	2.445	62	3402	0.244	ug/l #	38
11) Tert butyl alcohol	5.385	59	52089	17.198	ug/l #	80
12) 1,1-Dichloroethene	4.186	96	2214	0.224	ug/l #	69
13) Acrolein	4.044	56	685	0.266	ug/l #	14
16) Acetone	4.293	43	14201	1.473	ug/l	89
17) Carbon Disulfide	4.527	76	8895	0.348	ug/l #	90
19) Methyl tert-butyl Ether	5.618	73	86450	2.249	ug/l #	74
20) Methylene Chloride	5.103	84	6851	0.535	ug/l #	75
25) 2-Butanone	7.345	43	12094	0.923	ug/l	93
30) Chloroform	7.820	83	6352	0.279	ug/l	99
31) Cyclohexane	8.094	56	44530	1.997	ug/l #	59
36) 1,1-Dichloropropene	8.086	75	88211	5.261	ug/l #	49
38) Carbon Tetrachloride	8.086	117	105246	6.401	ug/l #	16
39) Methylcyclohexane	9.456	83	10843	0.544	ug/l	88
40) Benzene	8.461	78	390926	7.628	ug/l	97
42) 1,2-Dichloroethane	8.528	62	6041	0.292	ug/l	80
43) Isopropyl Acetate	8.539	43	20610	0.558	ug/l #	55
44) Trichloroethene	9.212	130	2967	0.243	ug/l	100
45) 1,2-Dichloropropane	9.491	63	2755	0.200	ug/l #	78
49) 1,4-Dioxane	9.574	88	226	0.731	ug/l #	1
51) 4-Methyl-2-Pentanone	10.333	43	15780	0.659	ug/l #	65
52) Toluene	10.505	92	120640	3.856	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	3504	2.955	ug/l #	88
54) cis-1,3-Dichloropropene	10.191	75	3223	2.142	ug/l #	62
55) 1,1,2-Trichloroethane	10.902	97	3158	0.250	ug/l #	87
56) Ethyl methacrylate	10.765	69	1983	2.359	ug/l #	88
58) 2-Chloroethyl Vinyl ether	10.038	63	65	18.398	ug/l #	45
59) 2-Hexanone	11.089	43	29650	1.636	ug/l	78
60) Dibromochloromethane	11.242	129	1975	2.515	ug/l	92
64) Tetrachloroethene	10.980	164	2323	0.221	ug/l #	87
65) Chlorobenzene	11.768	112	8561	0.273	ug/l	94
67) Ethyl Benzene	11.846	91	1010414	17.712	ug/l	96
68) m/p-Xylenes	11.953	106	984096	47.377	ug/l	92
69) o-Xylene	12.280	106	159033	7.601	ug/l	90

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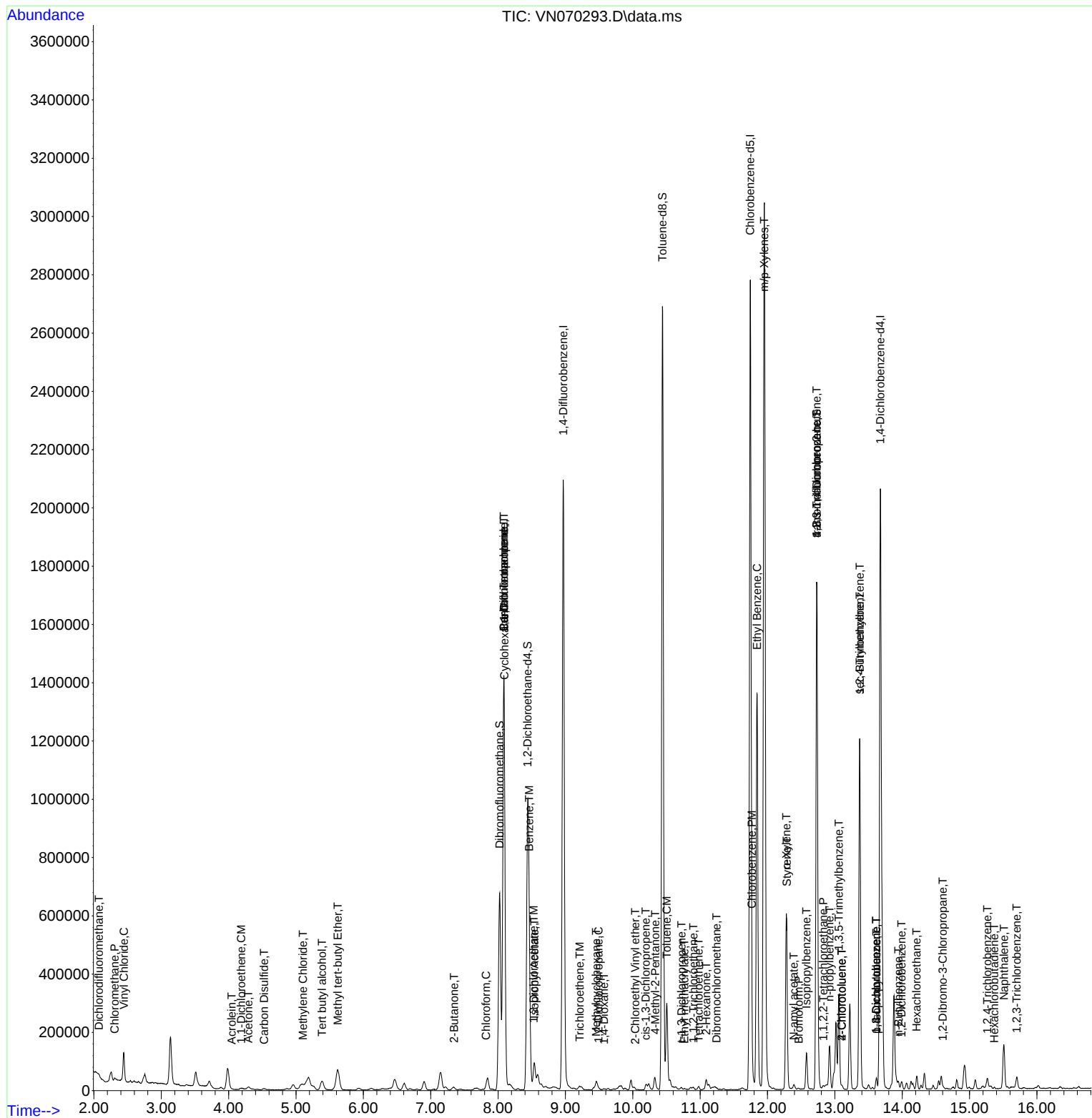
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
70) Styrene	12.286	104	17620	0.531	ug/l	#	1
71) Bromoform	12.465	173	1565	2.887	ug/l	#	29
73) Isopropylbenzene	12.578	105	81679	1.658	ug/l		98
74) N-amyl acetate	12.390	43	11178	0.513	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.827	83	5647	0.331	ug/l		97
76) 1,2,3-Trichloropropane	12.731	75	344144	21.669	ug/l	#	1
78) n-propylbenzene	12.921	91	122721	2.238	ug/l		95
79) 2-Chlorotoluene	13.101	91	8452	0.244	ug/l		86
80) 1,3,5-Trimethylbenzene	13.058	105	178202	4.493	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.731	75	344144	69.220	ug/l	#	5
82) 4-Chlorotoluene	13.101	91	8452	0.259	ug/l		87
84) 1,2,4-Trimethylbenzene	13.369	105	703728	18.632	ug/l		97
85) sec-Butylbenzene	13.369	105	703728	14.774	ug/l	#	56
86) p-Isopropyltoluene	13.619	119	10383	0.279	ug/l		95
87) 1,3-Dichlorobenzene	13.616	146	8313	0.437	ug/l		94
88) 1,4-Dichlorobenzene	13.616	146	8313	0.445	ug/l		94
89) n-Butylbenzene	13.943	91	15642	0.518	ug/l	#	78
90) Hexachloroethane	14.214	117	2808	0.430	ug/l	#	8
91) 1,2-Dichlorobenzene	13.989	146	9583	0.517	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1883	0.612	ug/l	#	54
93) 1,2,4-Trichlorobenzene	15.265	180	11575	4.078	ug/l		95
94) Hexachlorobutadiene	15.367	225	1074	0.219	ug/l		85
95) Naphthalene	15.509	128	143304	8.858	ug/l		100
96) 1,2,3-Trichlorobenzene	15.700	180	14883	4.034	ug/l		92

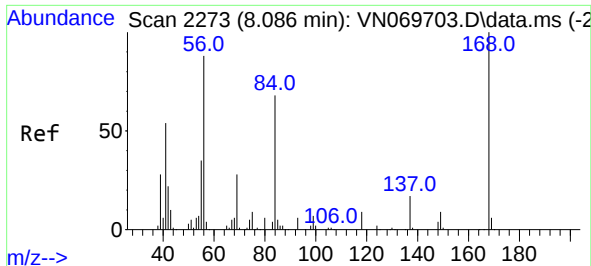
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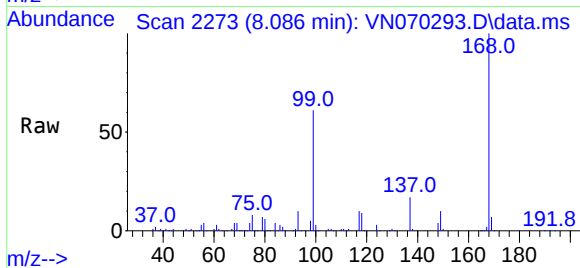
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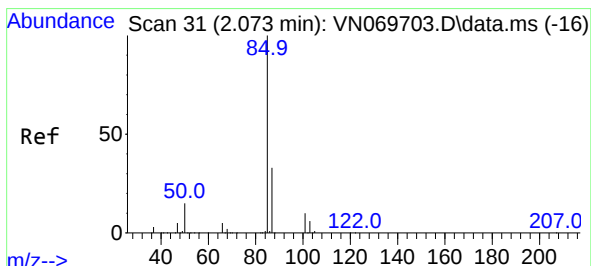
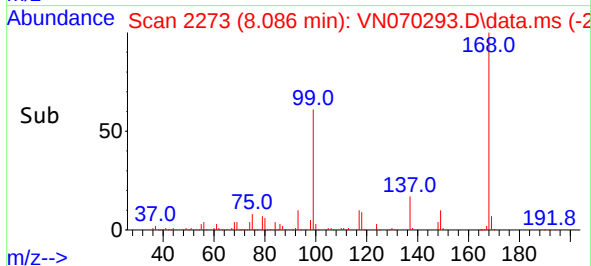
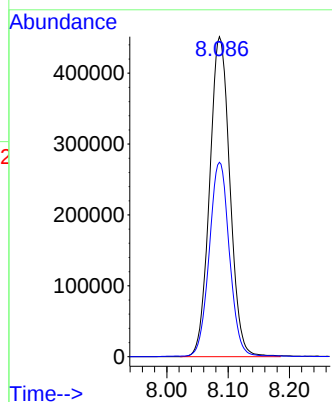


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
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ClientSampleId :

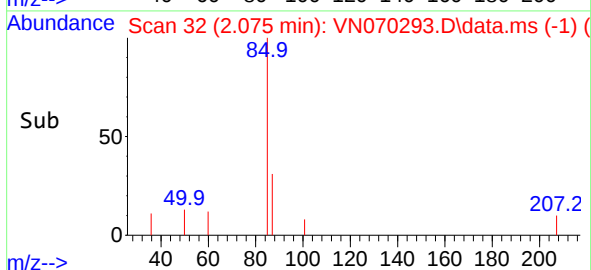
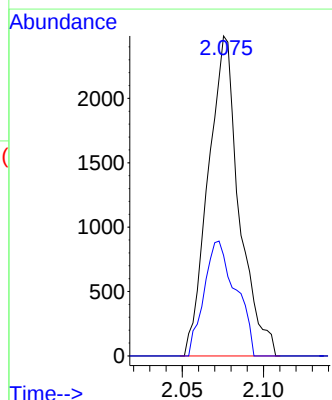
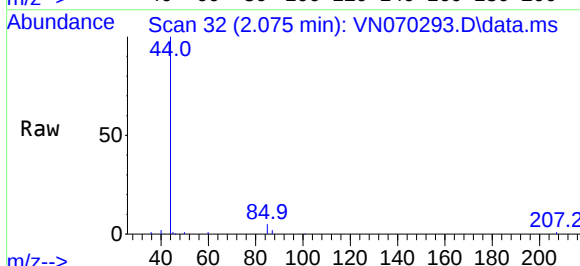


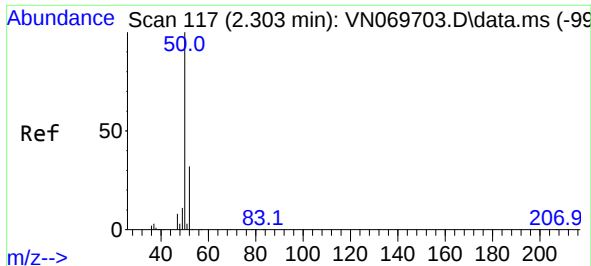
Tgt Ion:168 Resp: 1037785
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.272 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 85 Resp: 3289
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9

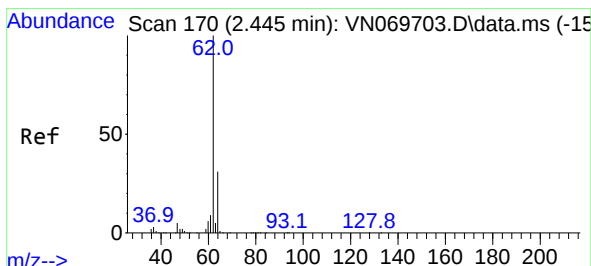
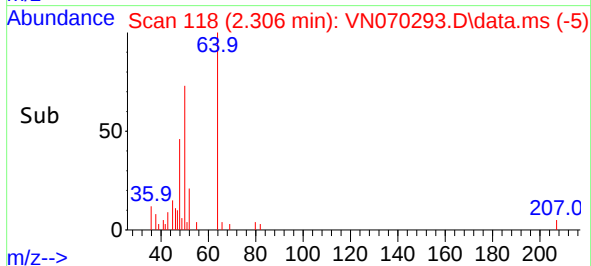
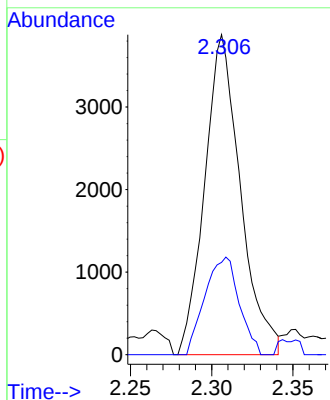
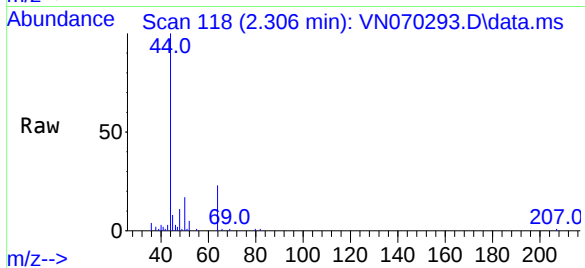




#3
Chloromethane
Concen: 0.391 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

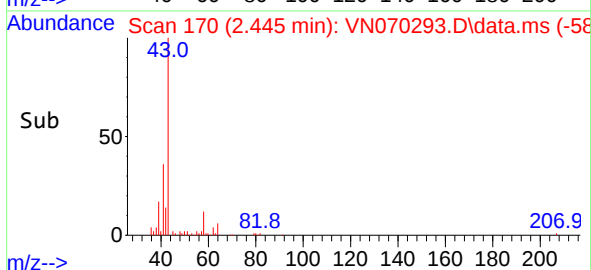
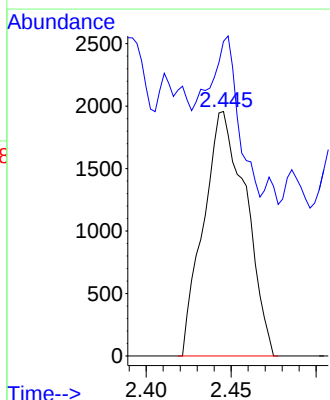
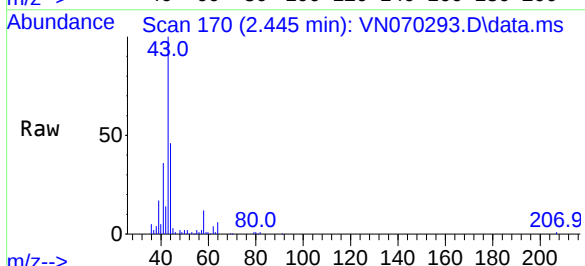
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MSVOA_N
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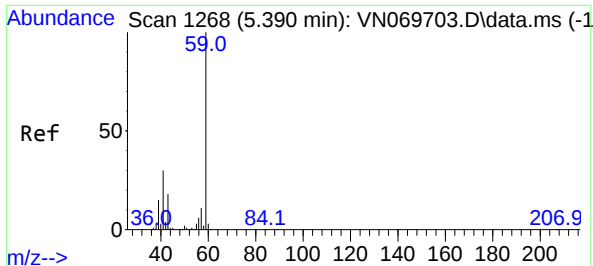
Tgt Ion: 50 Resp: 5930
Ion Ratio Lower Upper
50 100
52 28.8 25.4 38.0



#4
Vinyl Chloride
Concen: 0.244 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 62 Resp: 3402
Ion Ratio Lower Upper
62 100
64 66.7 25.8 38.6#

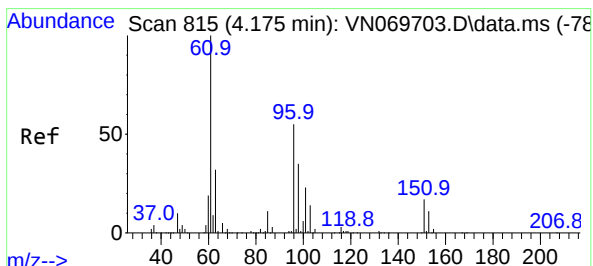
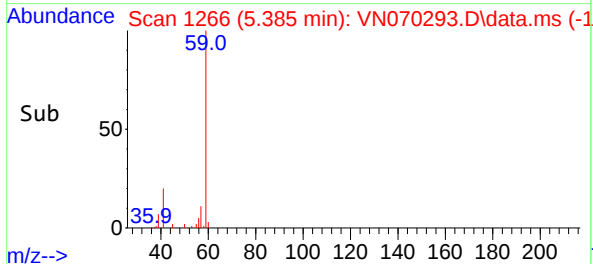
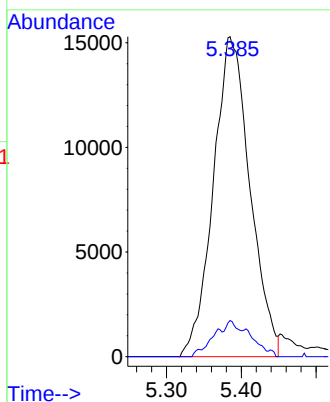
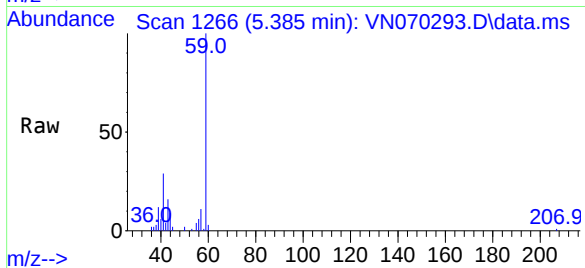




#11
Tert butyl alcohol
Concen: 17.198 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

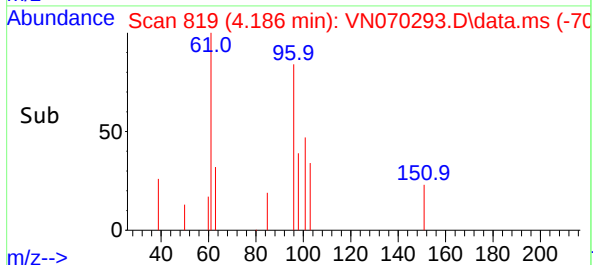
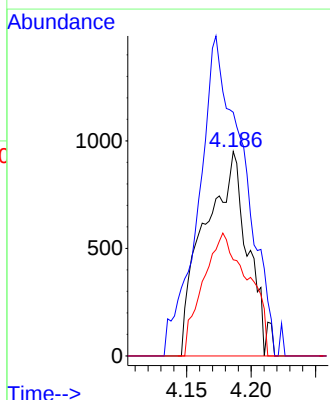
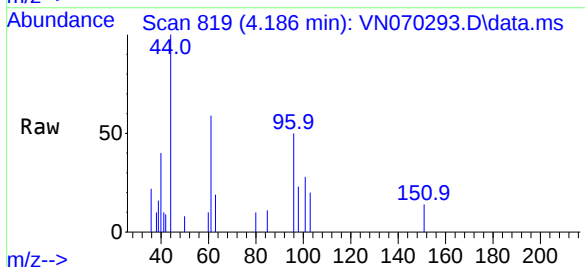
Instrument :
MSVOA_N
ClientSampleId :

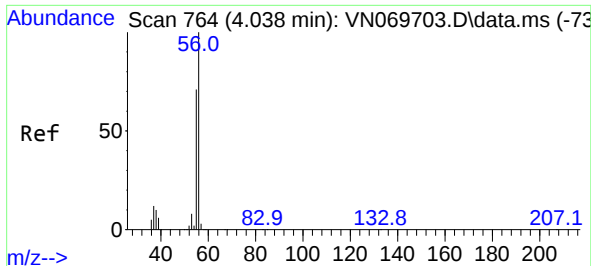
Tgt Ion: 59 Resp: 52089
Ion Ratio Lower Upper
59 100
57 3.3 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 0.224 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.011 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 96 Resp: 2214
Ion Ratio Lower Upper
96 100
61 119.1 131.0 196.6#
98 47.0 52.4 78.6#

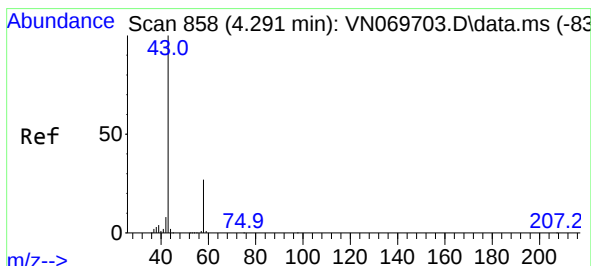
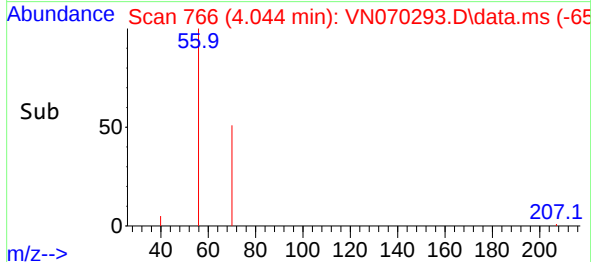
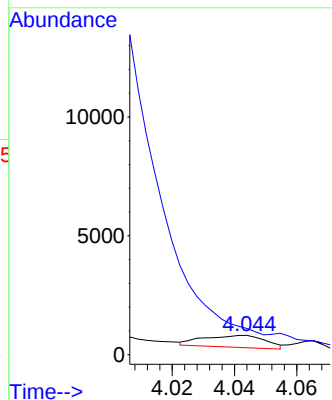
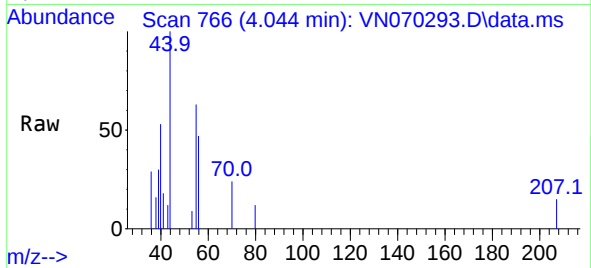




#13
Acrolein
Concen: 0.266 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.006 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

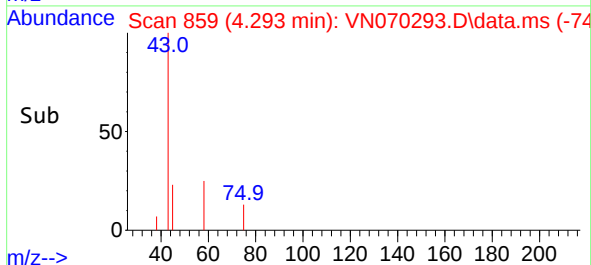
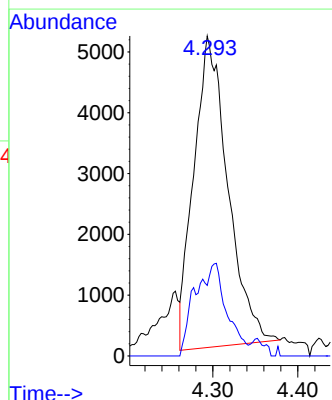
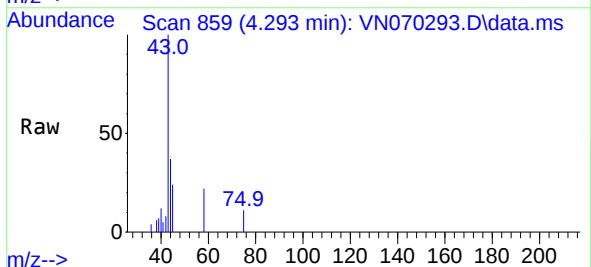
Instrument :
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ClientSampleId :

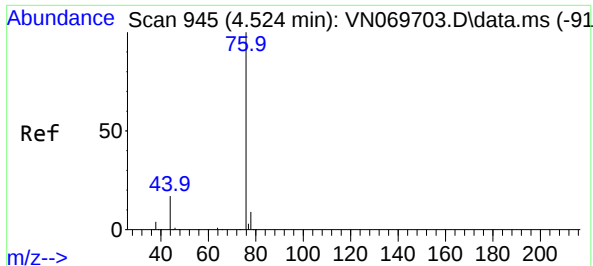
Tgt Ion: 56 Resp: 685
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#16
Acetone
Concen: 1.473 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

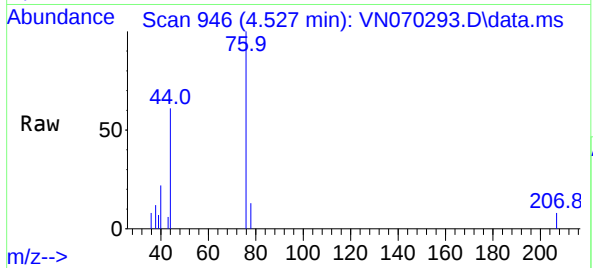
Tgt Ion: 43 Resp: 14201
Ion Ratio Lower Upper
43 100
58 23.2 23.1 34.7



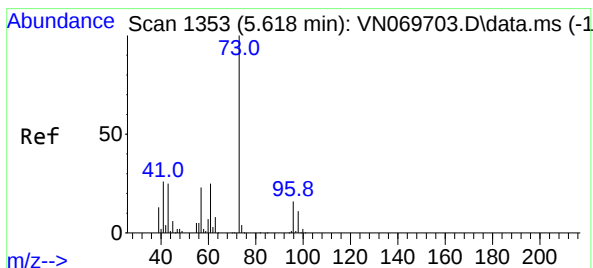
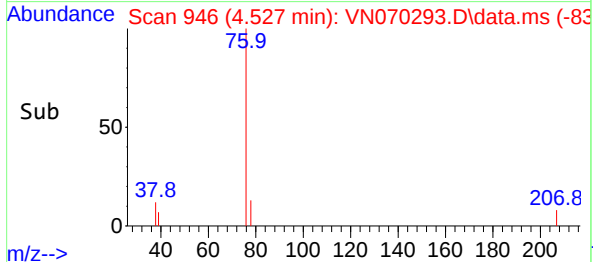
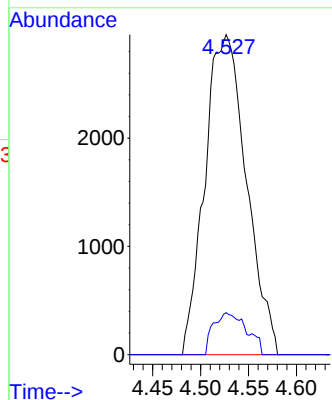


#17
Carbon Disulfide
Concen: 0.348 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
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ClientSampleId :

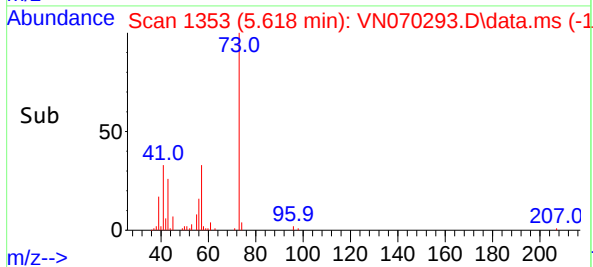
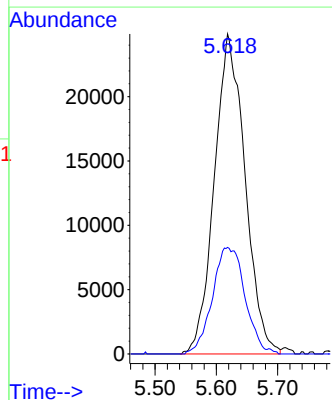
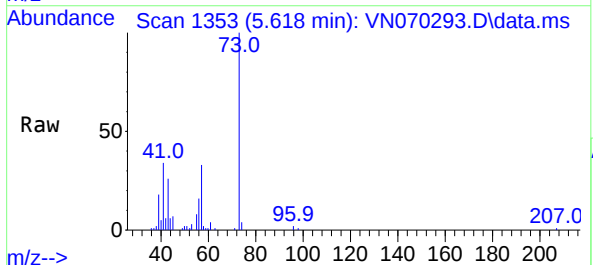


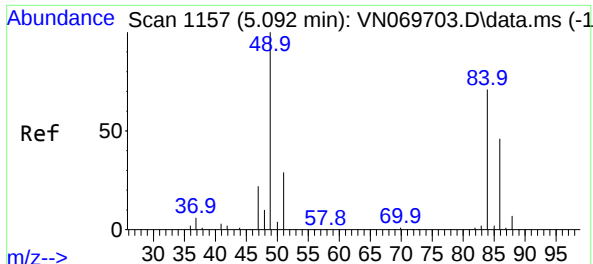
Tgt Ion: 76 Resp: 8895
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#



#19
Methyl tert-butyl Ether
Concen: 2.249 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 73 Resp: 86450
Ion Ratio Lower Upper
73 100
57 33.3 16.8 25.2#



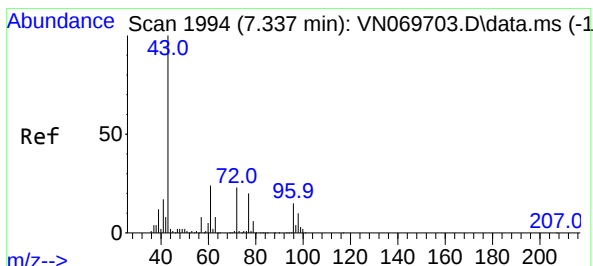
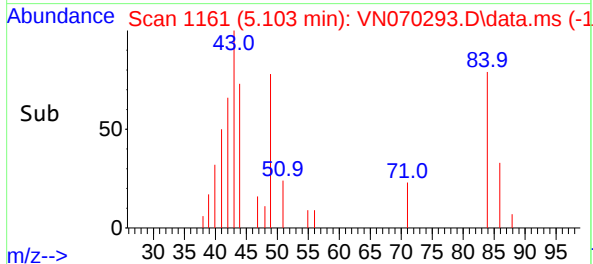
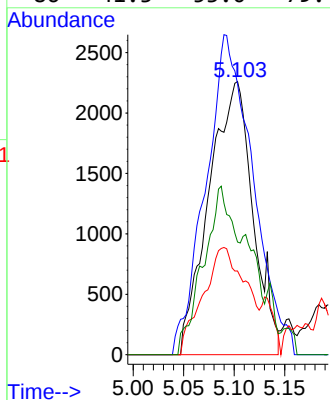
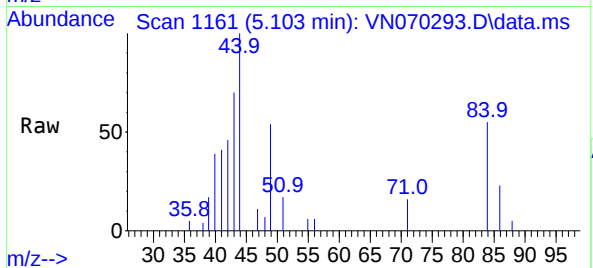


#20
Methylene Chloride
Concen: 0.535 ug/l
RT: 5.103 min Scan# 1157
Delta R.T. 0.011 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
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ClientSampleId :

Tgt Ion: 84 Resp: 6851

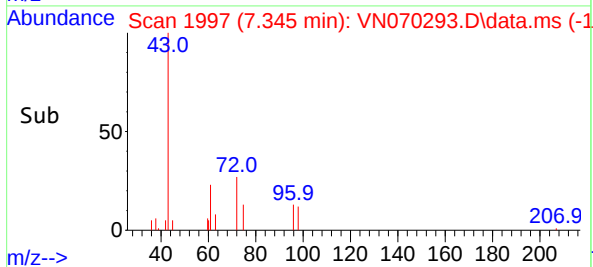
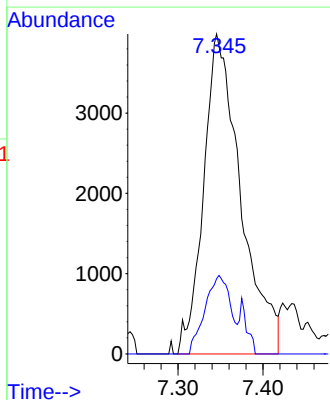
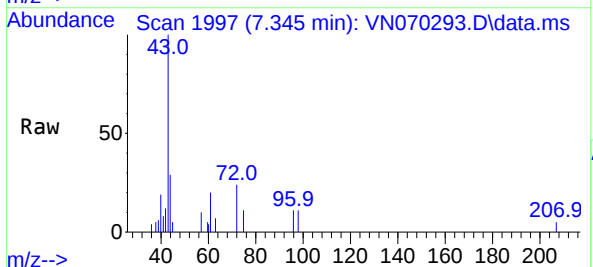
Ion	Ratio	Lower	Upper
84	100		
49	88.7	93.5	140.3#
51	30.7	29.4	44.2
86	41.3	53.0	79.4#

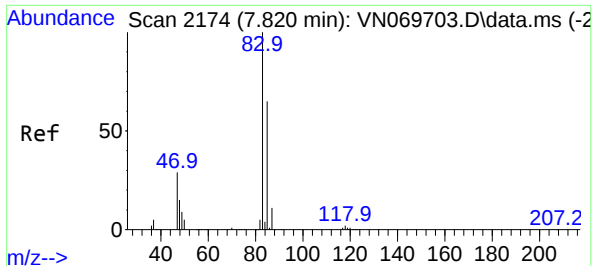


#25
2-Butanone
Concen: 0.923 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 43 Resp: 12094

Ion	Ratio	Lower	Upper
43	100		
72	23.5	21.7	32.5





#30

Chloroform

Concen: 0.279 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

Instrument :

MSVOA_N

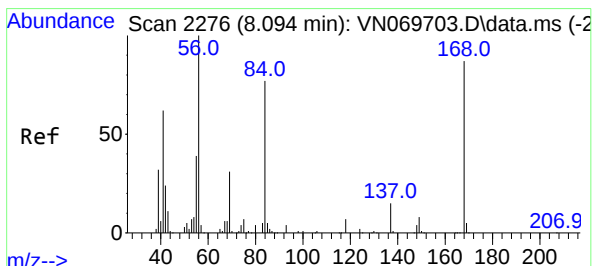
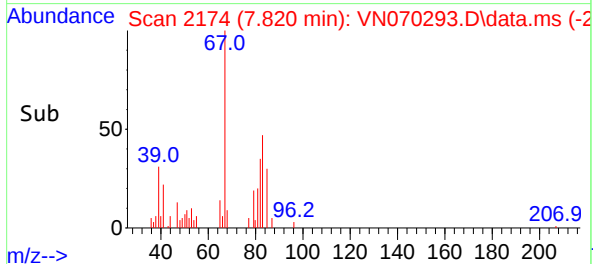
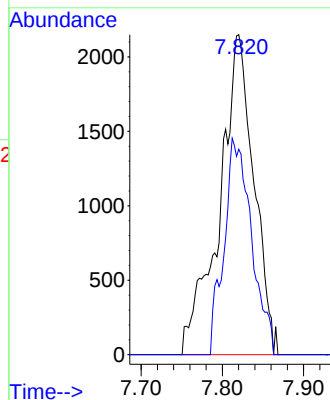
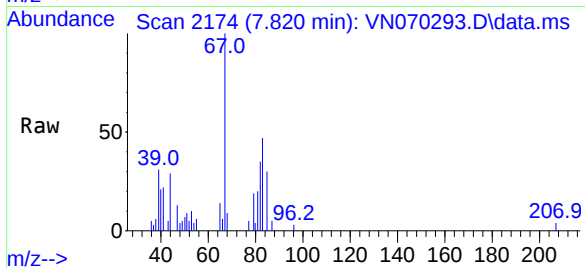
ClientSampleId :

Tgt Ion: 83 Resp: 6352

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9



#31

Cyclohexane

Concen: 1.997 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.000 min

Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

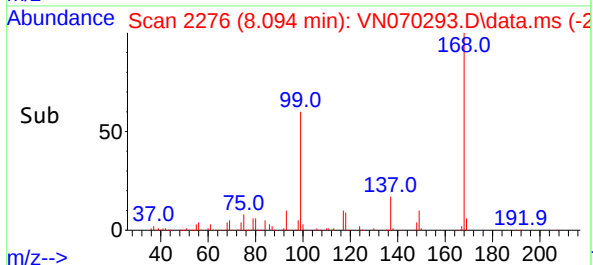
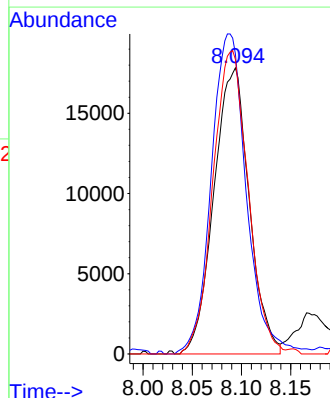
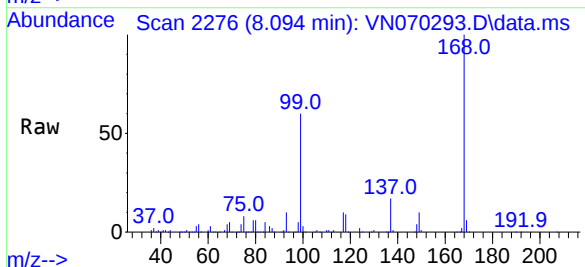
Tgt Ion: 56 Resp: 44530

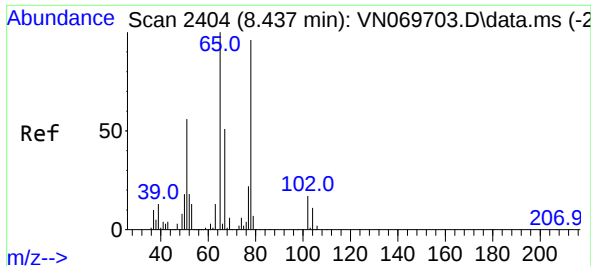
Ion Ratio Lower Upper

56 100

69 103.5 27.1 40.7#

84 103.0 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 45.561 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

Instrument :

MSVOA_N

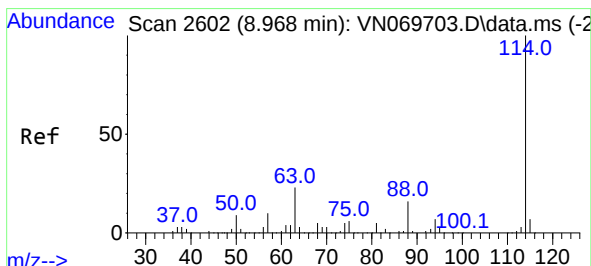
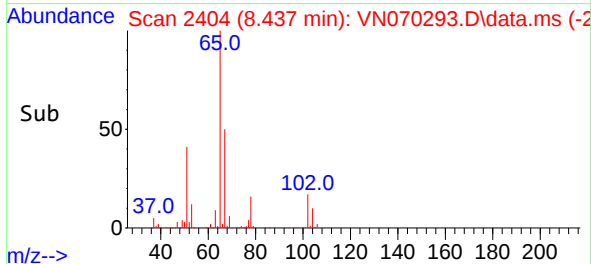
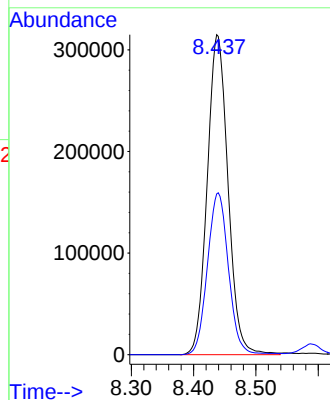
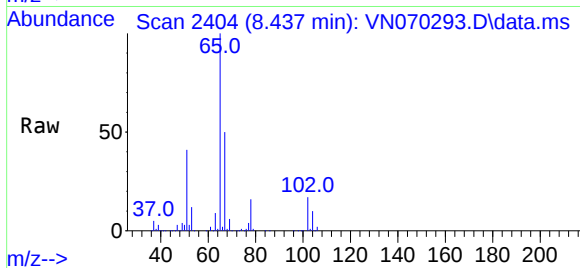
ClientSampleId :

Tgt Ion: 65 Resp: 730049

Ion Ratio Lower Upper

65 100

67 51.3 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: VN070293.D

Acq: 22 Dec 2021 16:53

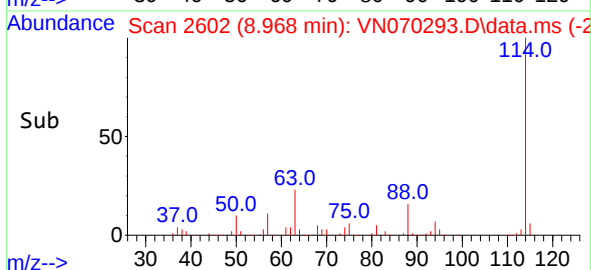
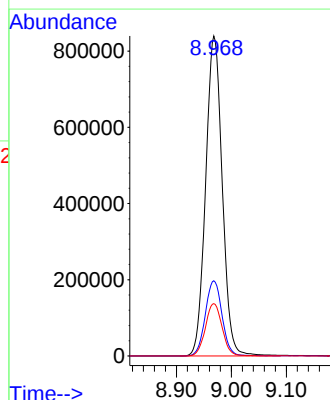
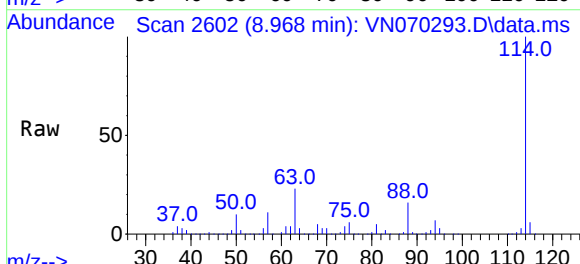
Tgt Ion: 114 Resp: 1761179

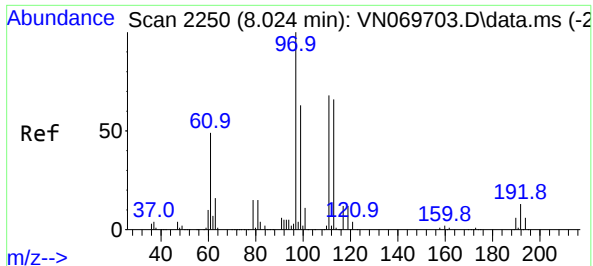
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

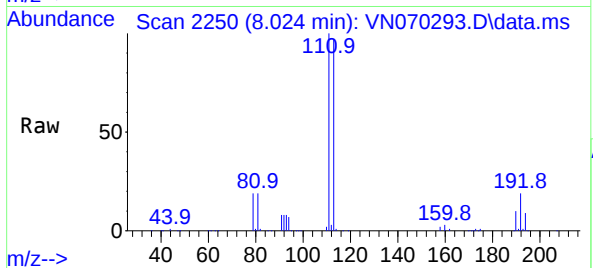
88 16.4 0.0 27.4



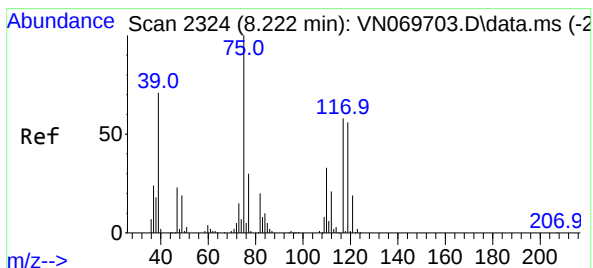
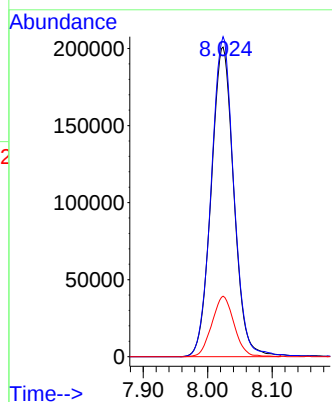
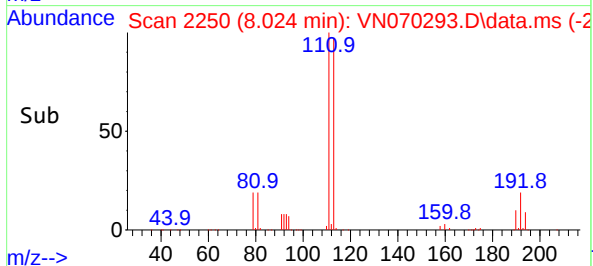


#35
Dibromofluoromethane
Concen: 44.370 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

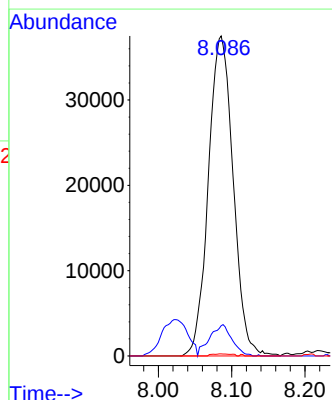
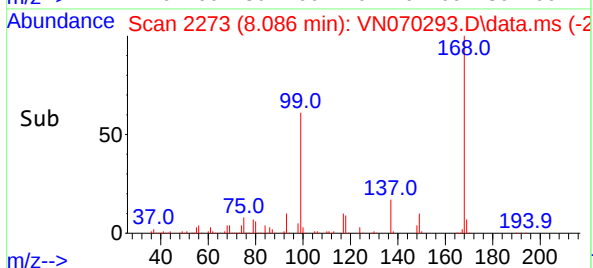
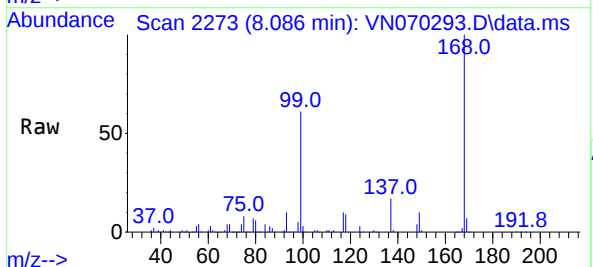


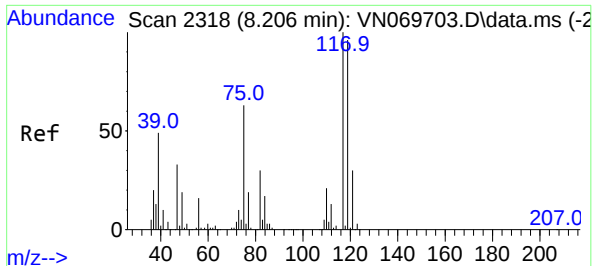
Tgt Ion:113 Resp: 489470
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

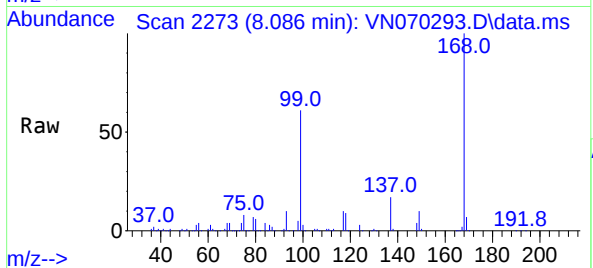
Tgt Ion: 75 Resp: 88211
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.4 36.6#



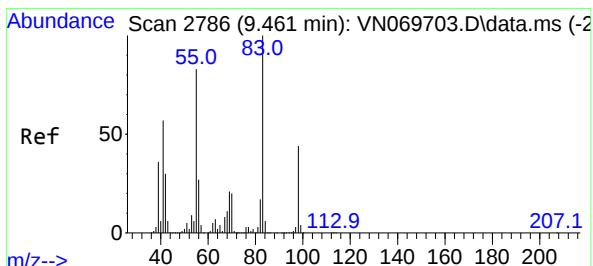
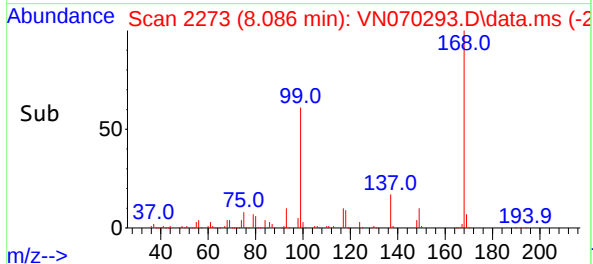
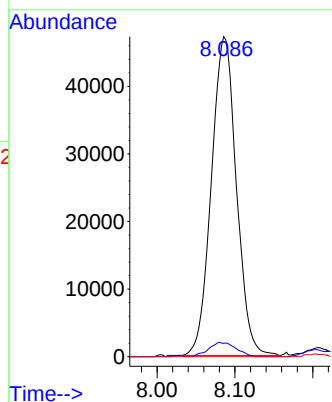


#38
Carbon Tetrachloride
Concen: 6.401 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.121 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

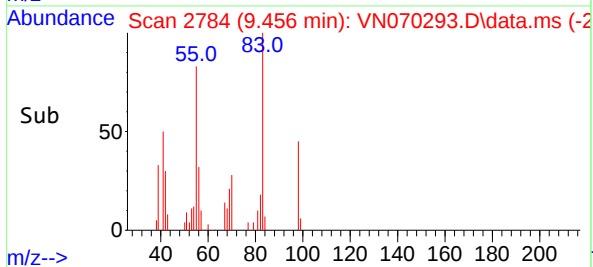
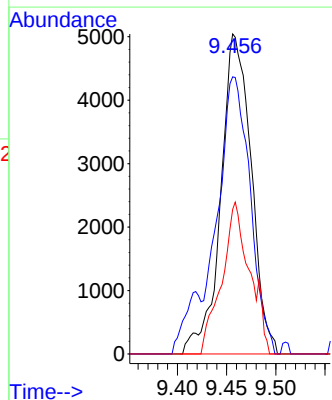
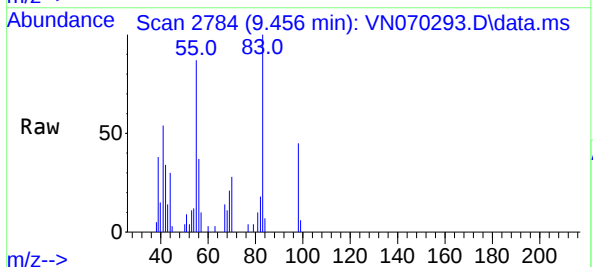


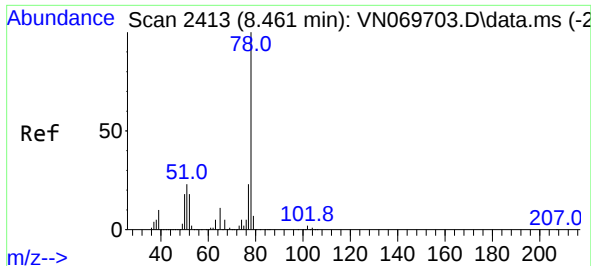
Tgt Ion:117 Resp: 105246
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.544 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 83 Resp: 10843
Ion Ratio Lower Upper
83 100
55 86.6 58.1 87.1
98 45.2 38.4 57.6

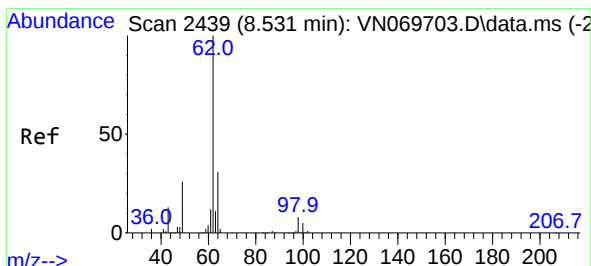
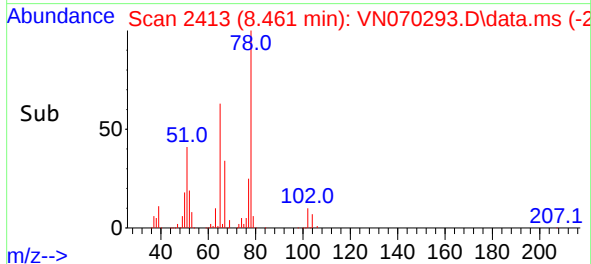
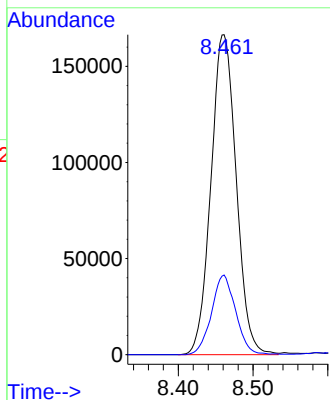
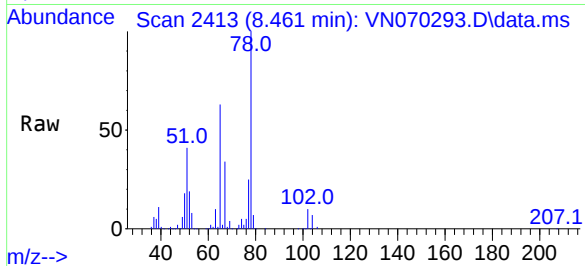




#40
Benzene
Concen: 7.628 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

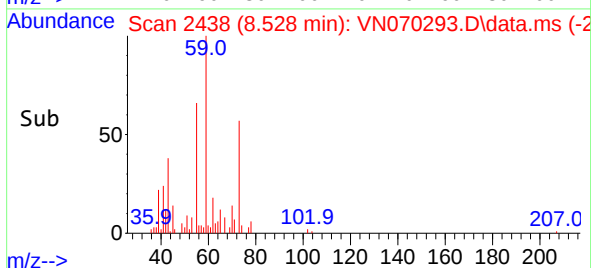
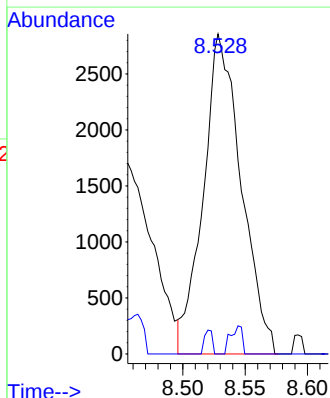
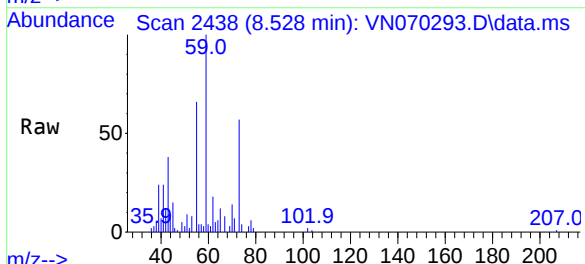
Instrument :
MSVOA_N
ClientSampleId :

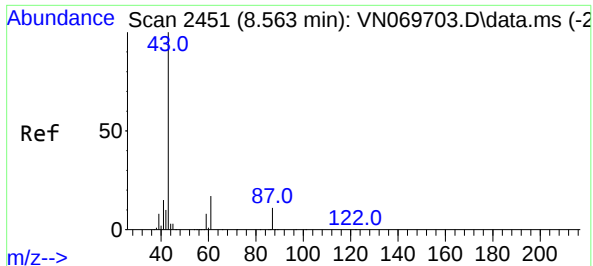
Tgt Ion: 78 Resp: 390926
Ion Ratio Lower Upper
78 100
77 24.9 18.6 27.8



#42
1,2-Dichloroethane
Concen: 0.292 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

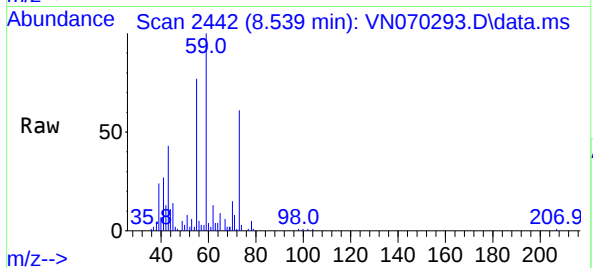
Tgt Ion: 62 Resp: 6041
Ion Ratio Lower Upper
62 100
98 1.5 0.0 17.6



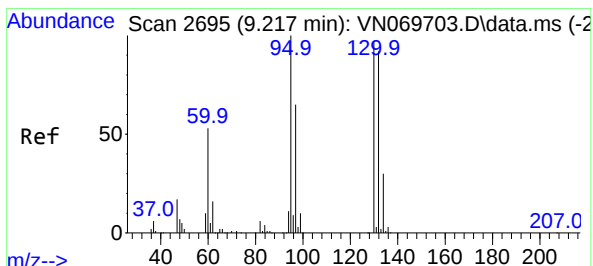
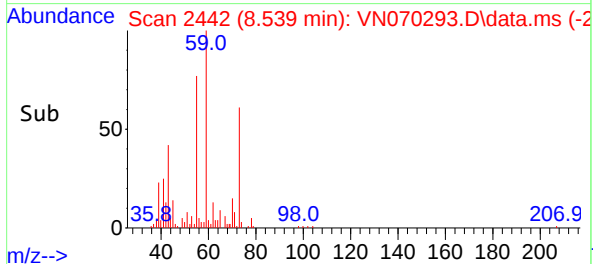
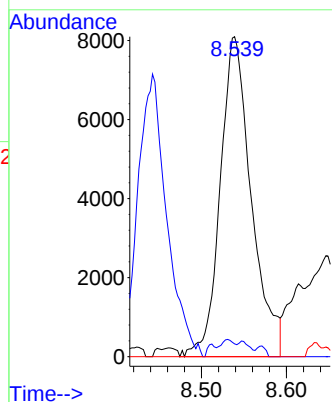


#43
Isopropyl Acetate
Concen: 0.558 ug/l
RT: 8.539 min Scan# 2442
Delta R.T. -0.024 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

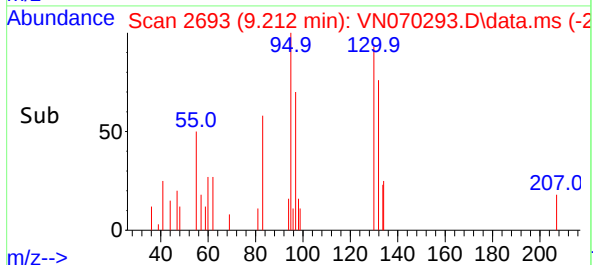
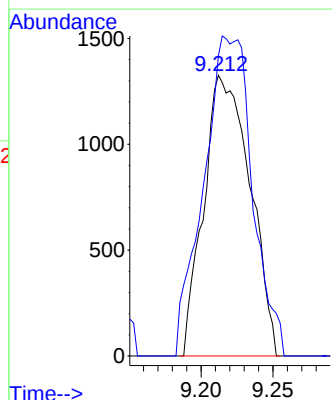
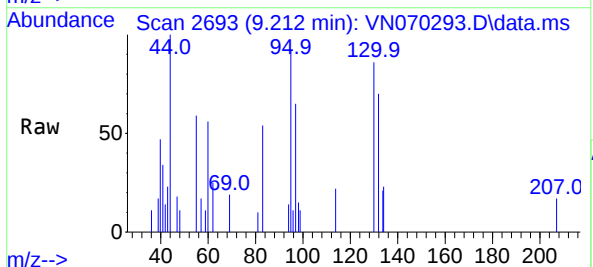


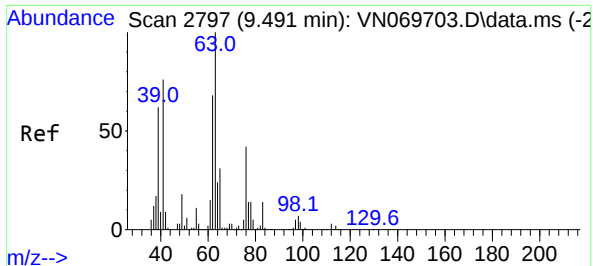
Tgt Ion: 43 Resp: 20610
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#44
Trichloroethene
Concen: 0.243 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.005 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 130 Resp: 2967
Ion Ratio Lower Upper
130 100
95 95.3 0.0 191.2

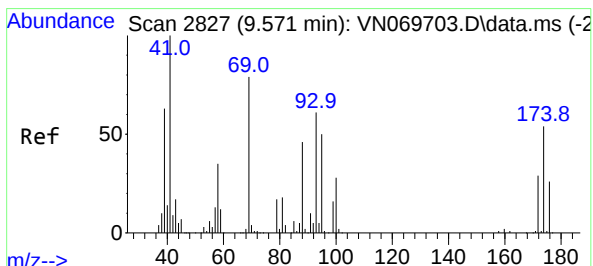
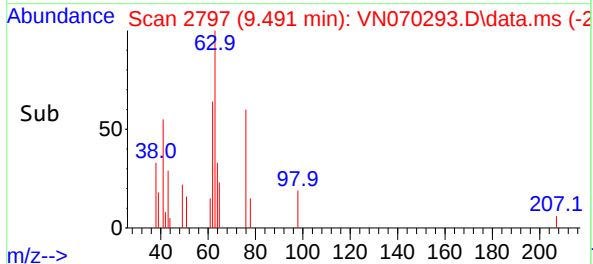
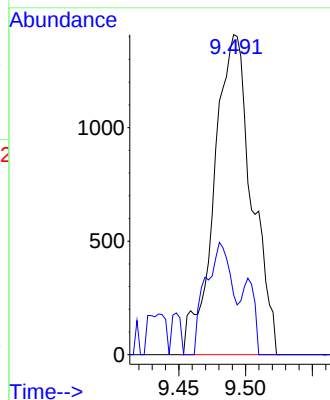
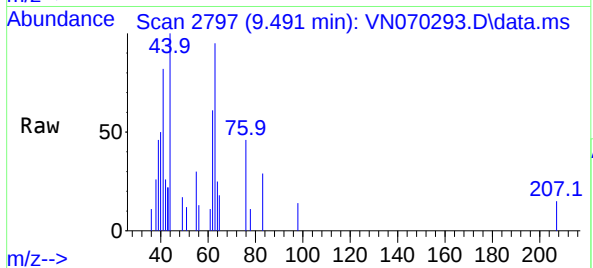




#45
1,2-Dichloropropane
Concen: 0.200 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

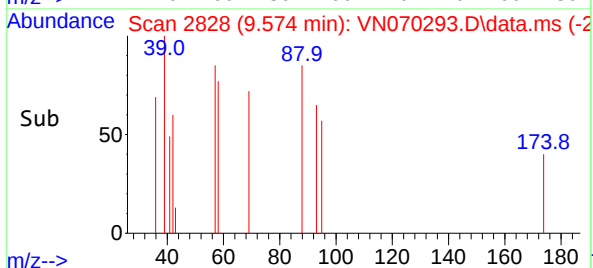
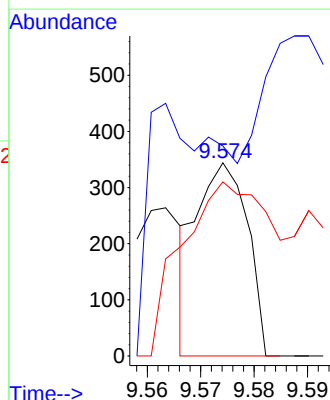
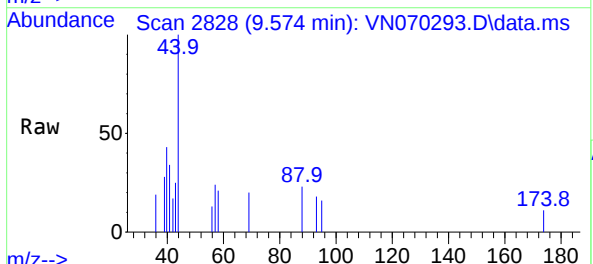
Instrument :
MSVOA_N
ClientSampleId :

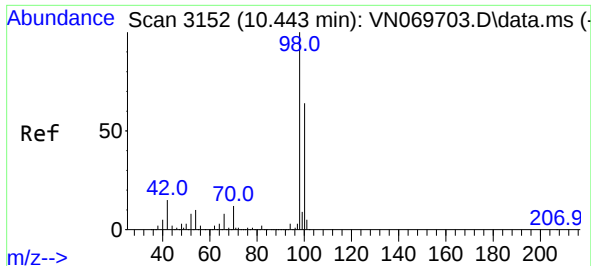
Tgt Ion: 63 Resp: 2755
Ion Ratio Lower Upper
63 100
65 18.7 24.7 37.1#



#49
1,4-Dioxane
Concen: 0.731 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 88 Resp: 226
Ion Ratio Lower Upper
88 100
43 151.8 23.4 35.2#
58 157.5 50.6 75.8#

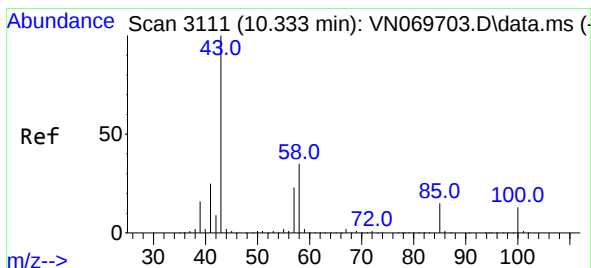
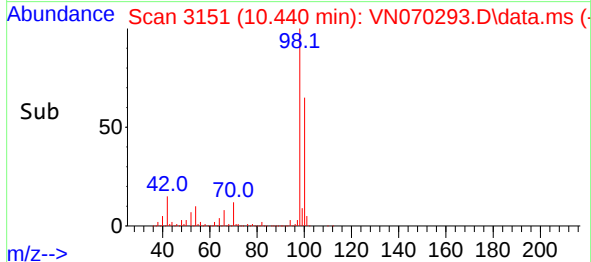
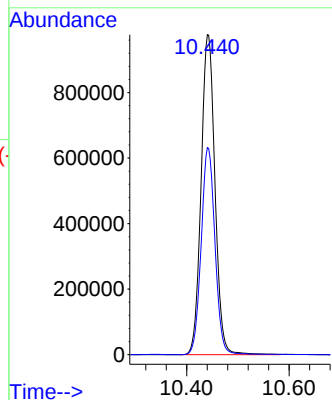
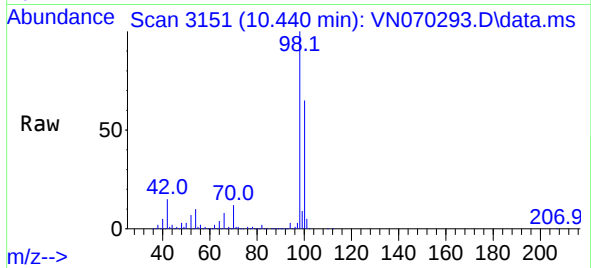




#50
Toluene-d8
Concen: 41.442 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

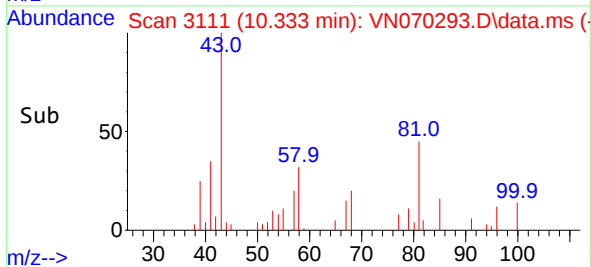
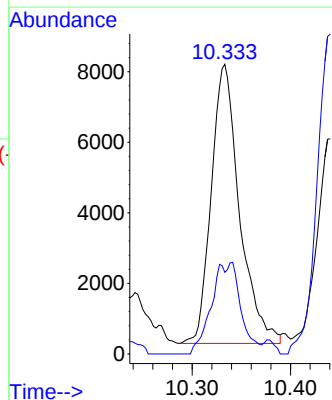
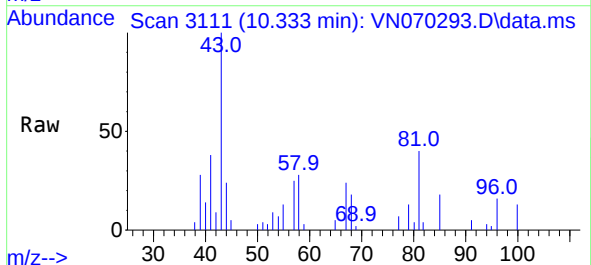
Instrument :
MSVOA_N
ClientSampleId :

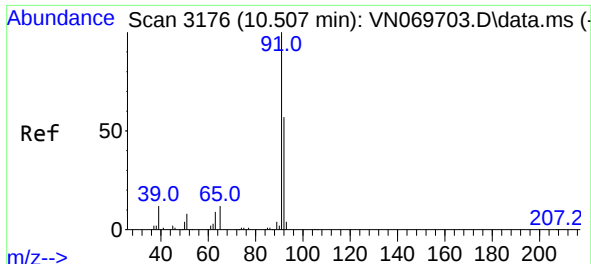
Tgt Ion: 98 Resp: 1835716
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.659 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 43 Resp: 15780
Ion Ratio Lower Upper
43 100
58 17.0 30.4 45.6#

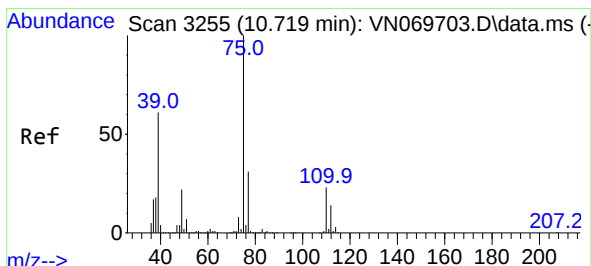
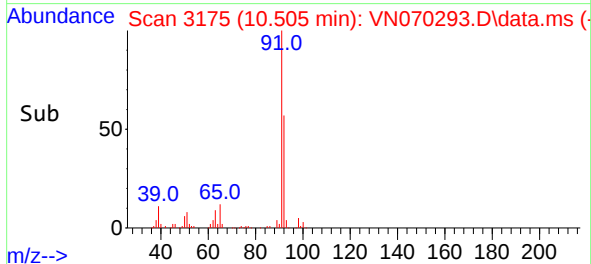
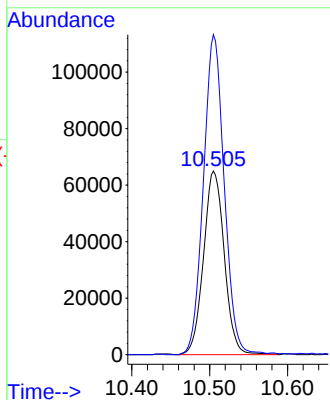
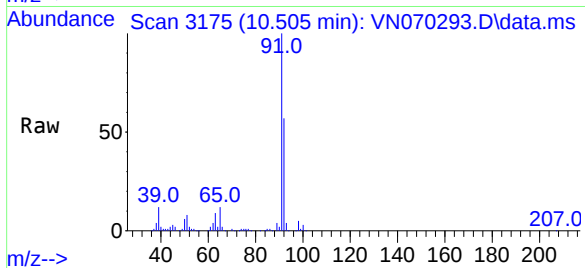




#52
Toluene
Concen: 3.856 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

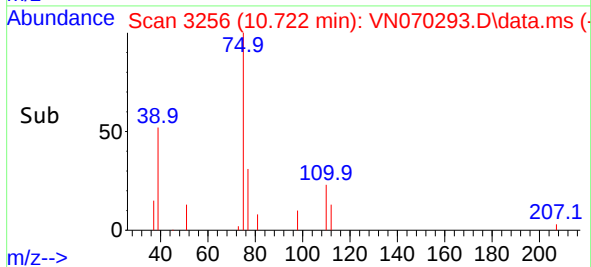
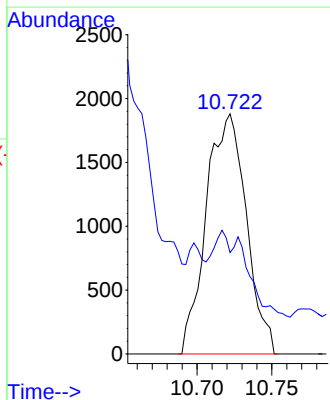
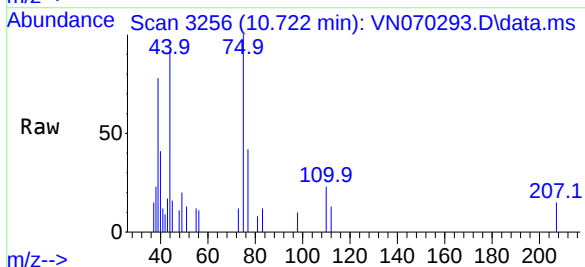
Instrument :
MSVOA_N
ClientSampleId :

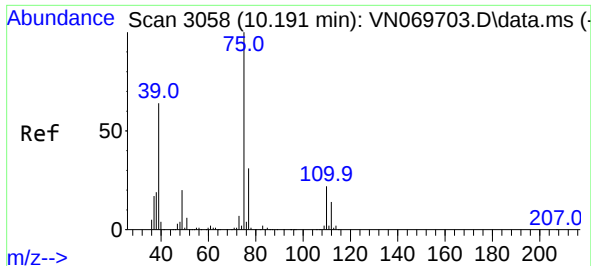
Tgt Ion: 92 Resp: 120640
Ion Ratio Lower Upper
92 100
91 174.3 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.955 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

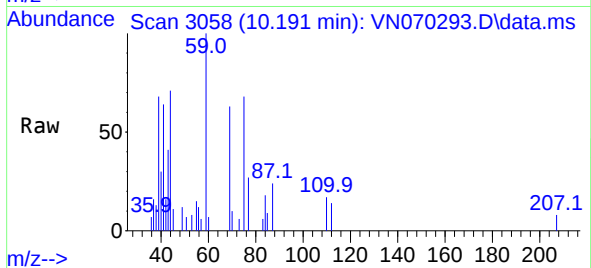
Tgt Ion: 75 Resp: 3504
Ion Ratio Lower Upper
75 100
77 25.0 25.6 38.4#





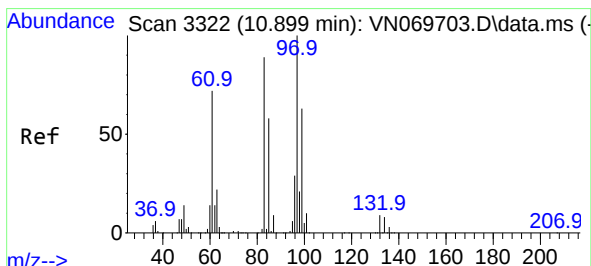
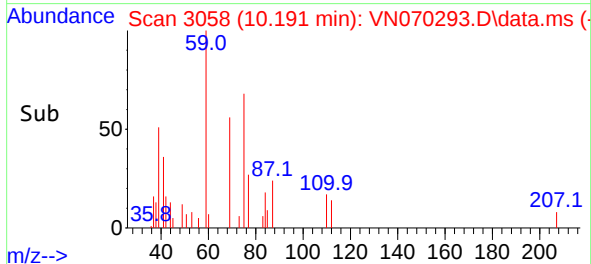
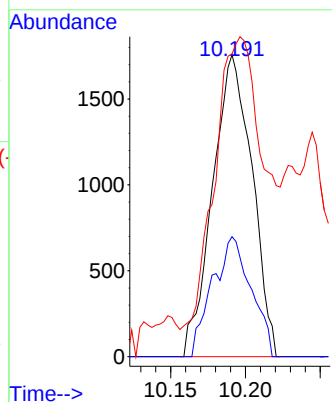
#54
 cis-1,3-Dichloropropene
 Concen: 2.142 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN070293.D
 Acq: 22 Dec 2021 16:53

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 3223

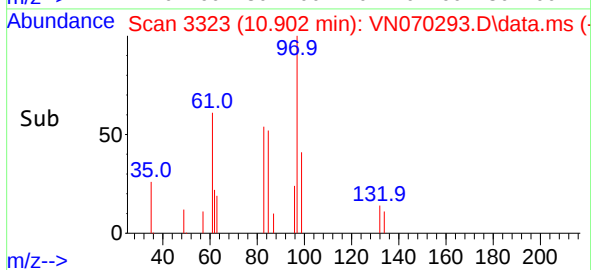
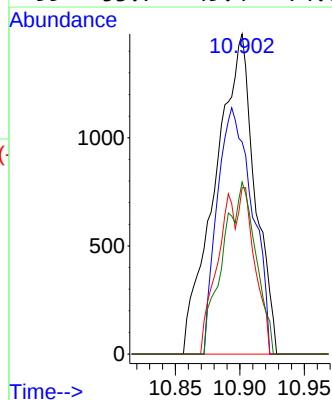
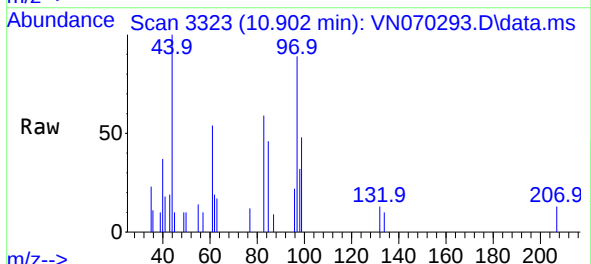
Ion	Ratio	Lower	Upper
75	100		
77	39.8	26.4	39.6#
39	91.3	42.5	63.7#

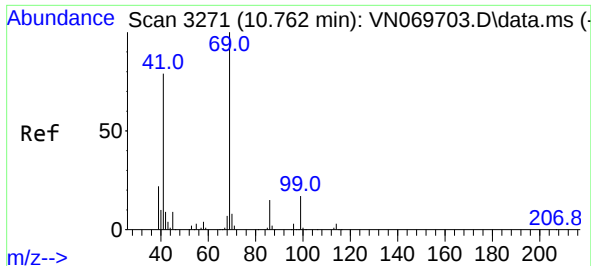


#55
 1,1,2-Trichloroethane
 Concen: 0.250 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. 0.003 min
 Lab File: VN070293.D
 Acq: 22 Dec 2021 16:53

Tgt Ion: 97 Resp: 3158

Ion	Ratio	Lower	Upper
97	100		
83	66.3	67.8	101.6#
85	52.0	45.4	68.2
99	53.7	49.4	74.0

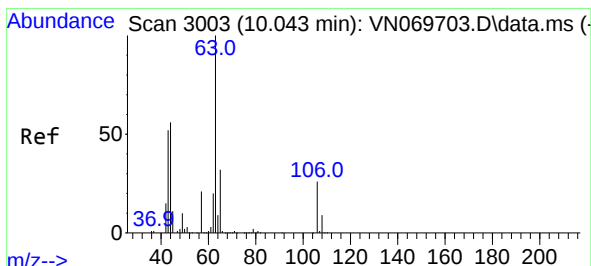
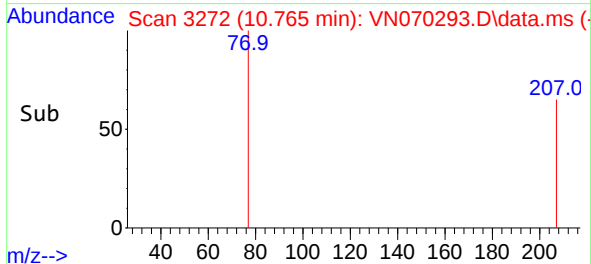
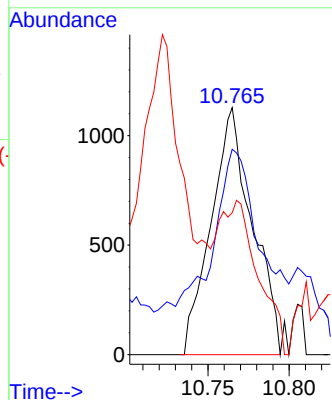
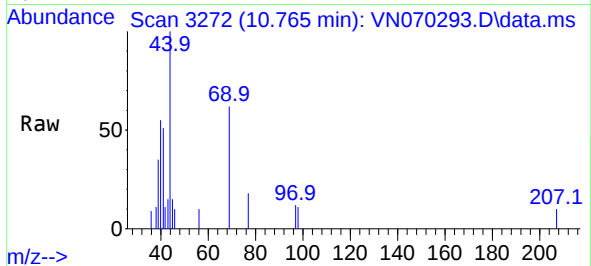




#56
Ethyl methacrylate
Concen: 2.359 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

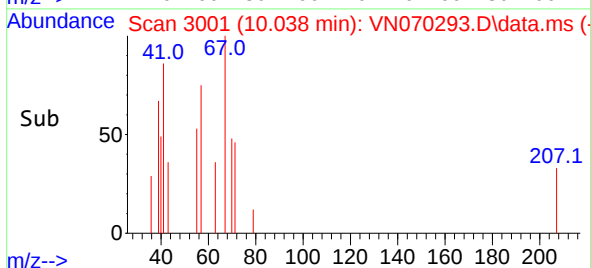
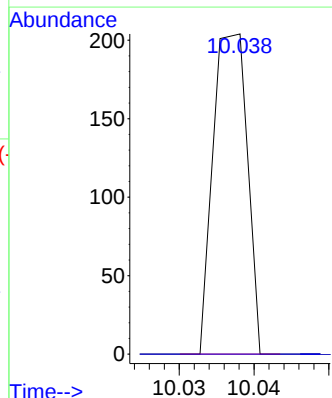
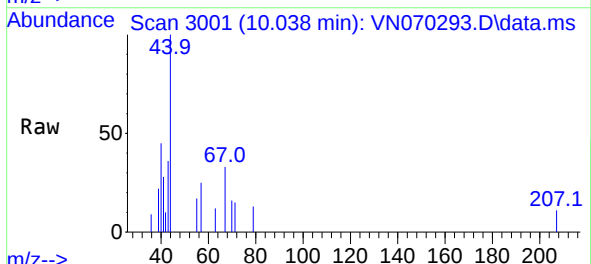
Instrument :
MSVOA_N
ClientSampleId :

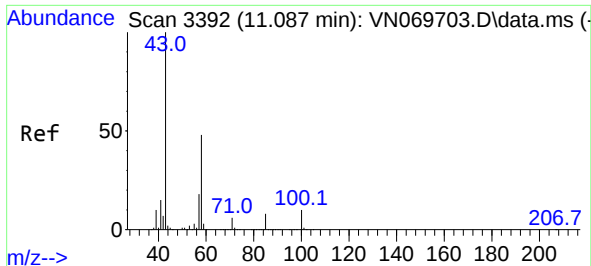
Tgt Ion: 69 Resp: 1983
Ion Ratio Lower Upper
69 100
41 62.6 51.4 77.0
39 61.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.398 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.005 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 63 Resp: 65
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

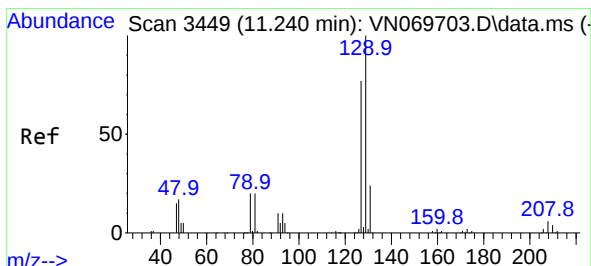
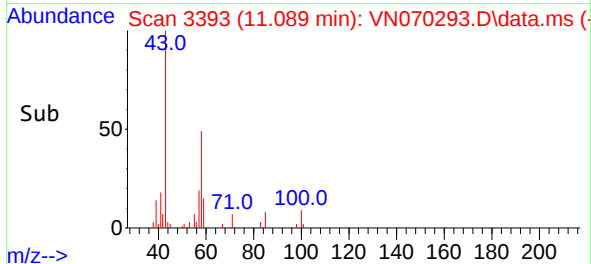
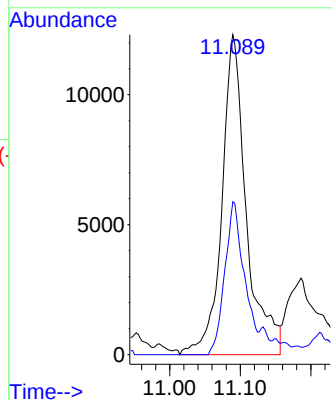
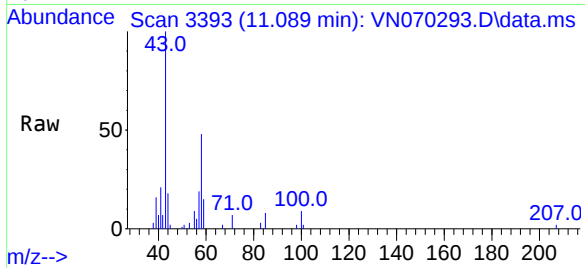




#59
2-Hexanone
Concen: 1.636 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

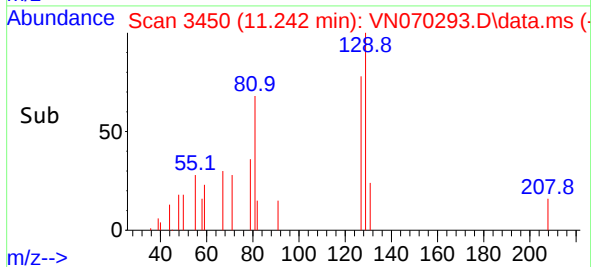
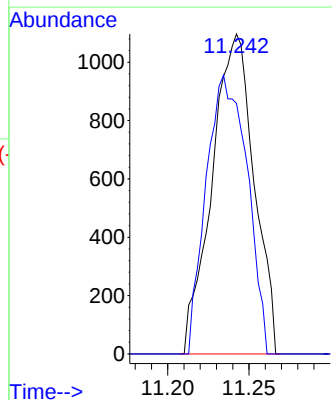
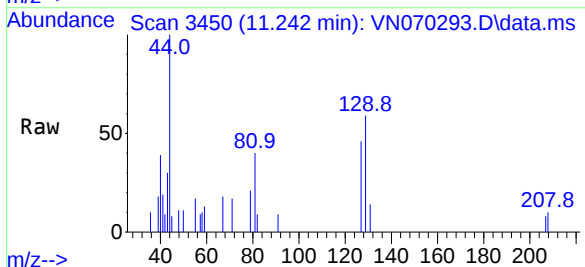
Instrument :
MSVOA_N
ClientSampleId :

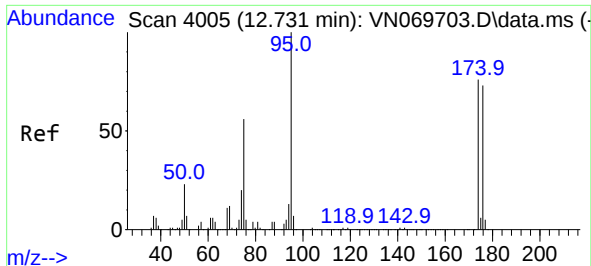
Tgt Ion: 43 Resp: 29650
Ion Ratio Lower Upper
43 100
58 37.9 26.9 80.7



#60
Dibromochloromethane
Concen: 2.515 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.002 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 129 Resp: 1975
Ion Ratio Lower Upper
129 100
127 84.6 38.6 116.0

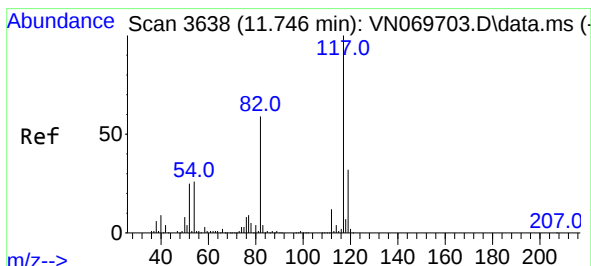
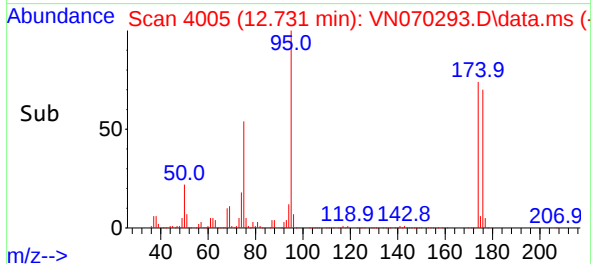
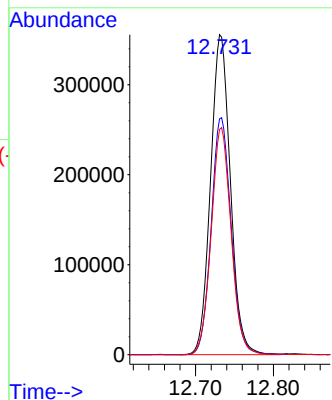
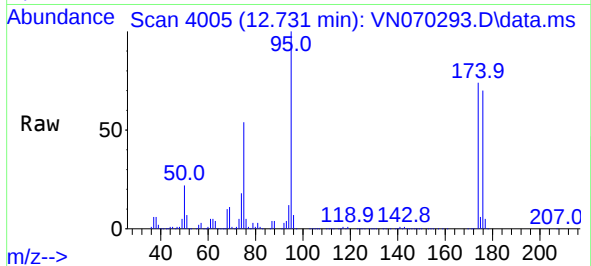




#62
4-Bromofluorobenzene
Concen: 39.179 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

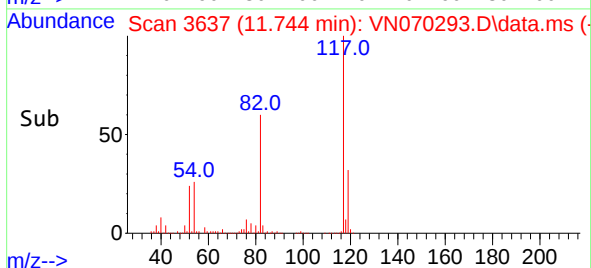
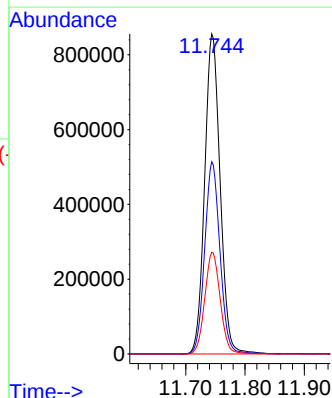
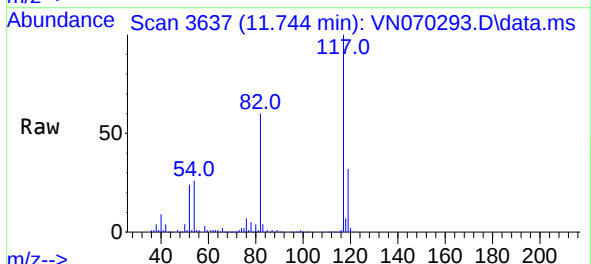
Instrument :
MSVOA_N
ClientSampleId :

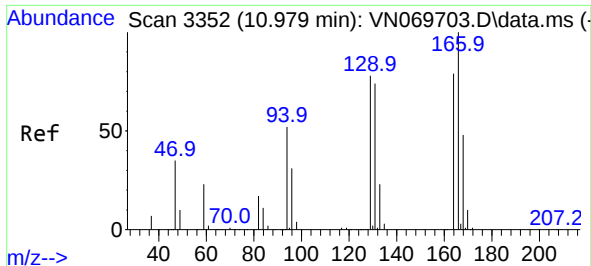
Tgt Ion: 95 Resp: 628717
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 71.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

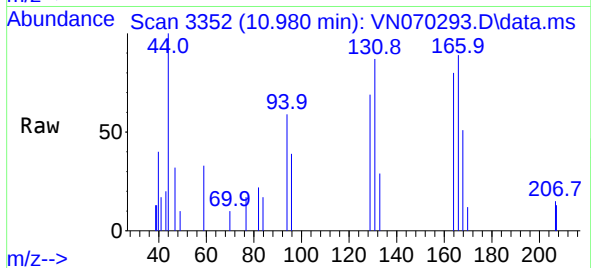
Tgt Ion: 117 Resp: 1548063
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.8 25.4 38.2





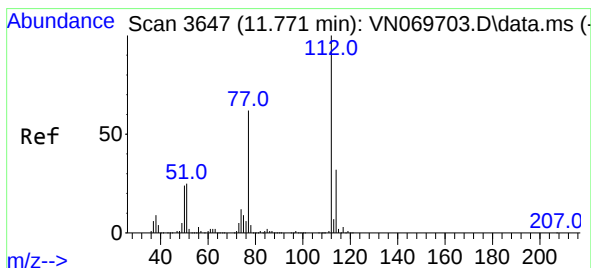
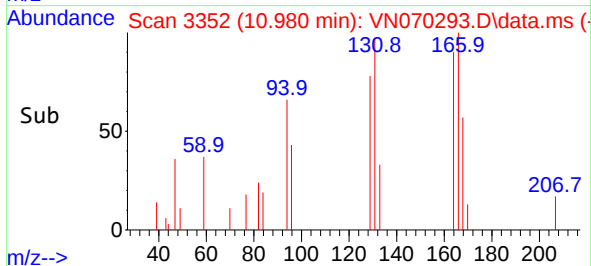
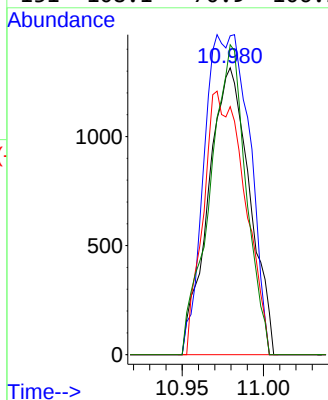
#64
Tetrachloroethene
Concen: 0.221 ug/l
RT: 10.980 min Scan# 31
Delta R.T. 0.001 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:164 Resp: 2323

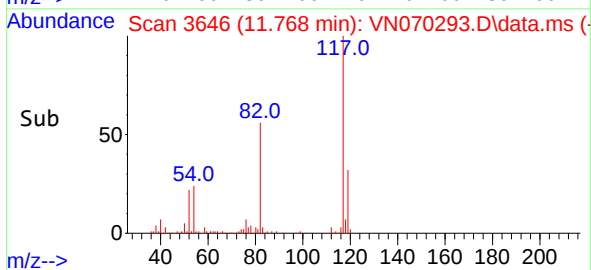
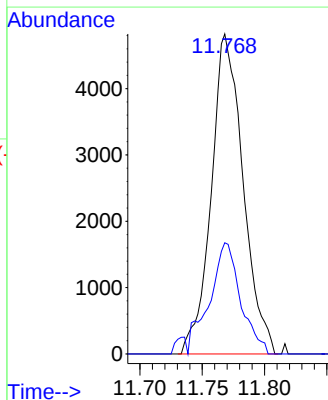
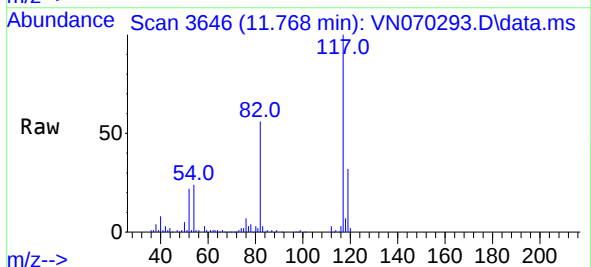
Ion	Ratio	Lower	Upper
164	100		
166	111.2	101.9	152.9
129	86.5	72.0	108.0
131	108.1	70.9	106.3

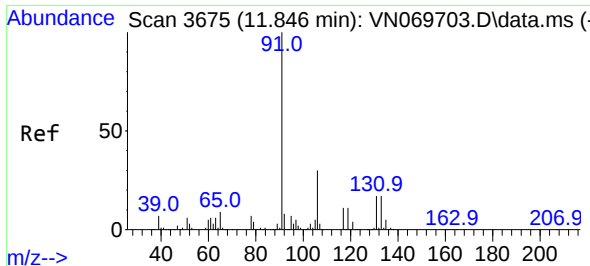


#65
Chlorobenzene
Concen: 0.273 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion:112 Resp: 8561

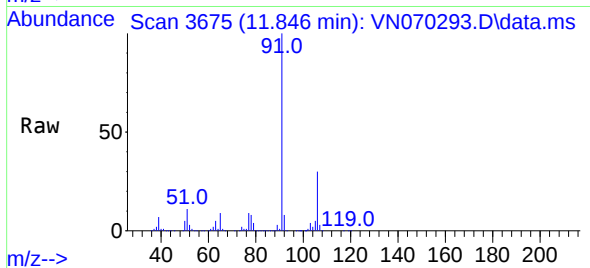
Ion	Ratio	Lower	Upper
112	100		
114	34.8	25.4	38.0



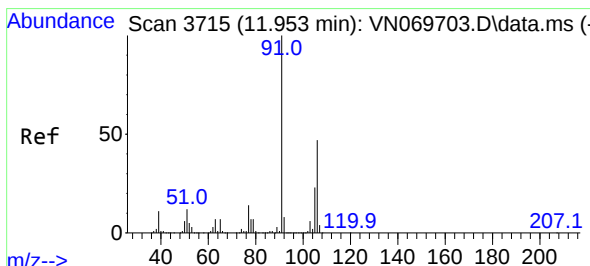
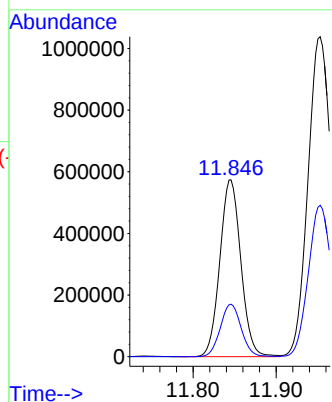
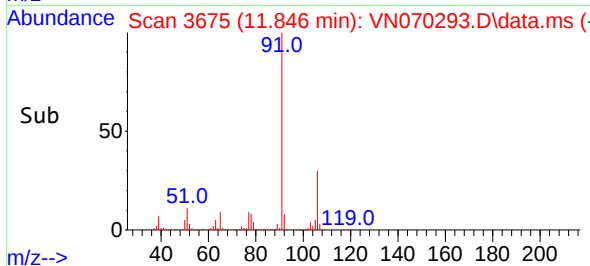


#67
Ethyl Benzene
Concen: 17.712 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

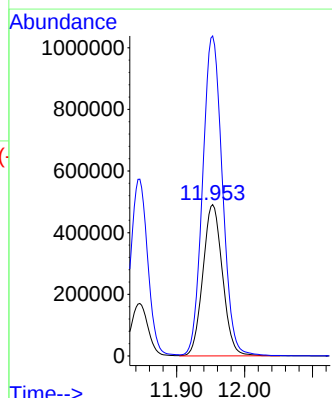
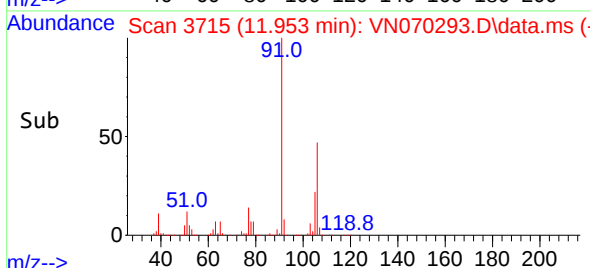
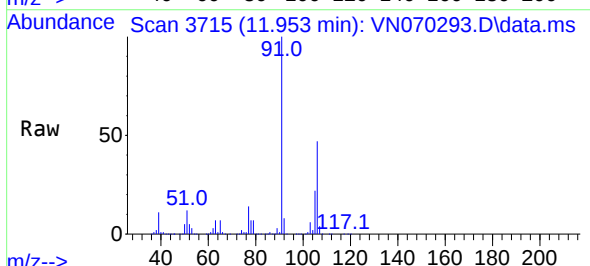


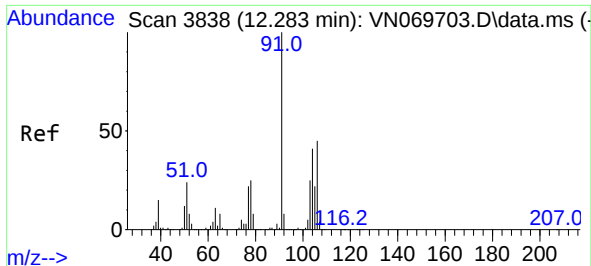
Tgt Ion: 91 Resp: 1010414
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5



#68
m/p-Xylenes
Concen: 47.377 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion:106 Resp: 984096
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8

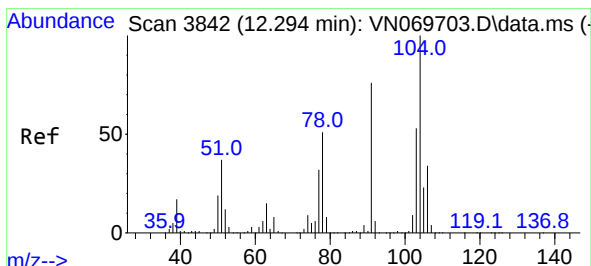
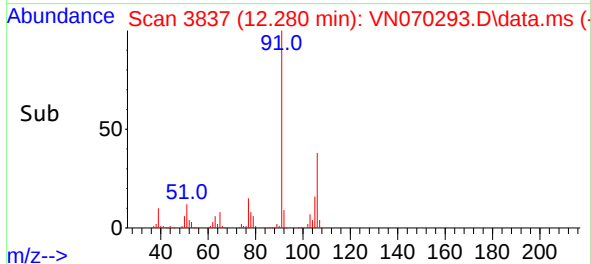
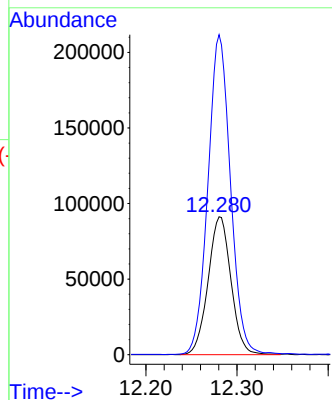
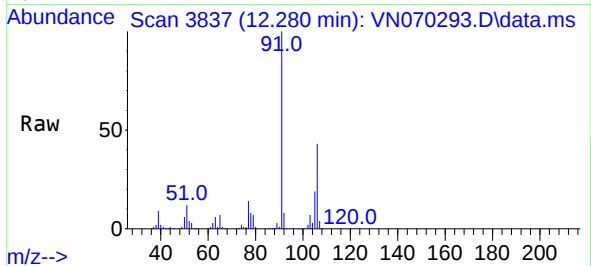




#69
o-Xylene
Concen: 7.601 ug/l
RT: 12.280 min Scan# 3839
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

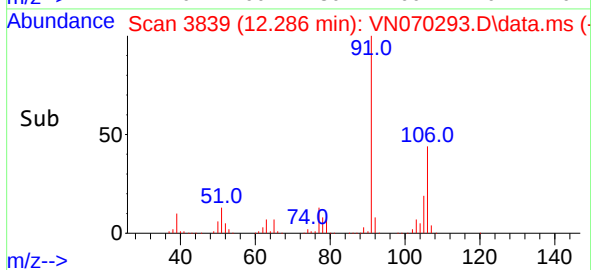
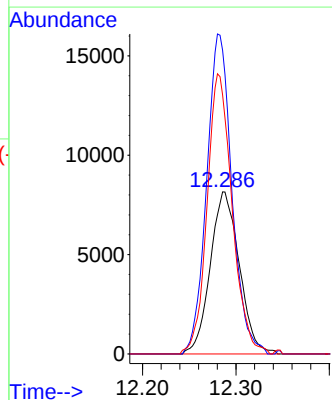
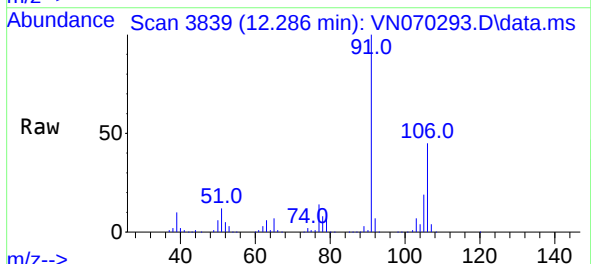
Instrument :
MSVOA_N
ClientSampleId :

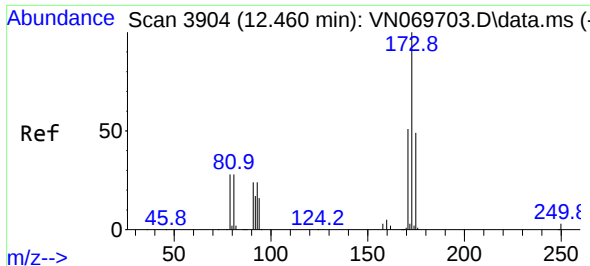
Tgt Ion:106 Resp: 159033
Ion Ratio Lower Upper
106 100
91 227.5 105.8 317.3



#70
Styrene
Concen: 0.531 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.008 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion:104 Resp: 17620
Ion Ratio Lower Upper
104 100
78 171.7 38.7 58.1#
103 149.2 45.0 67.6#

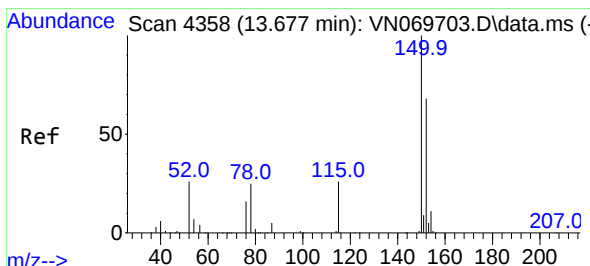
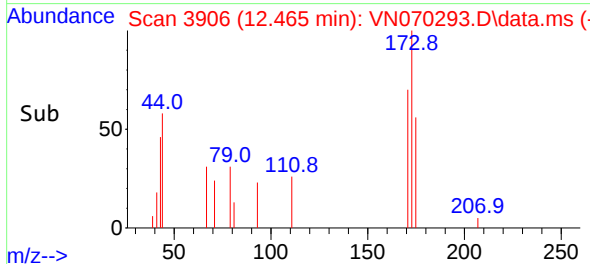
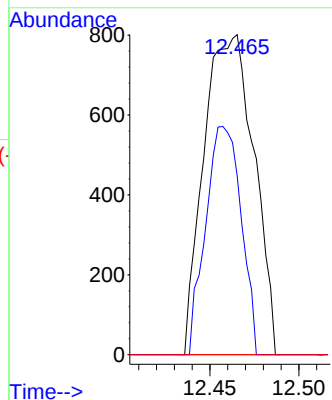
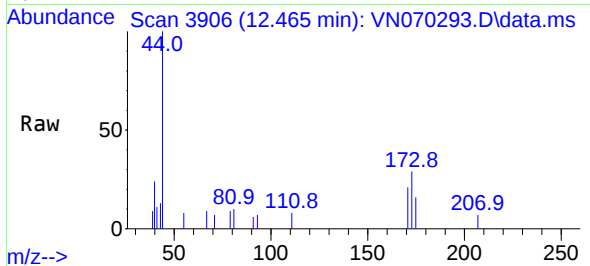




#71
Bromoform
Concen: 2.887 ug/l
RT: 12.465 min Scan# 3904
Delta R.T. 0.005 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

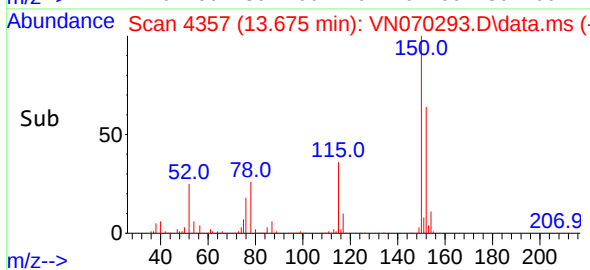
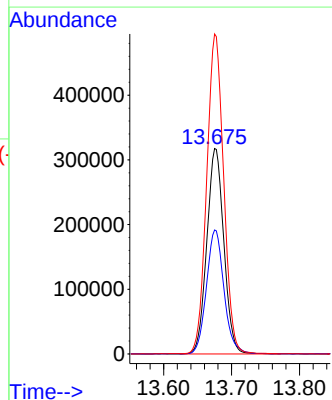
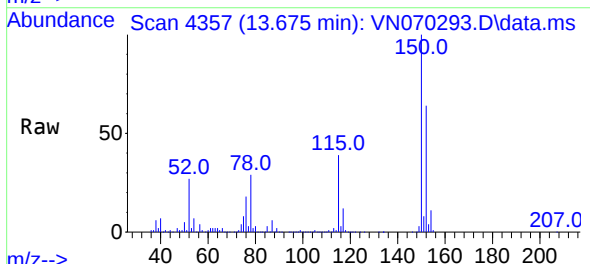
Instrument :
MSVOA_N
ClientSampleId :

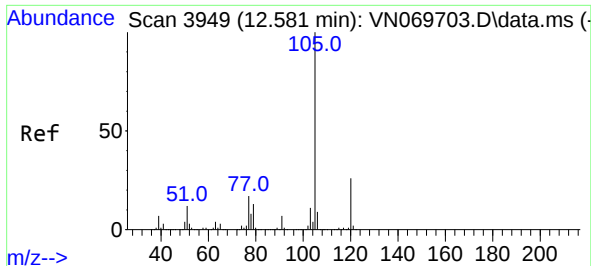
Tgt Ion:173 Resp: 1565
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion:152 Resp: 553813
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 154.5 0.0 344.4

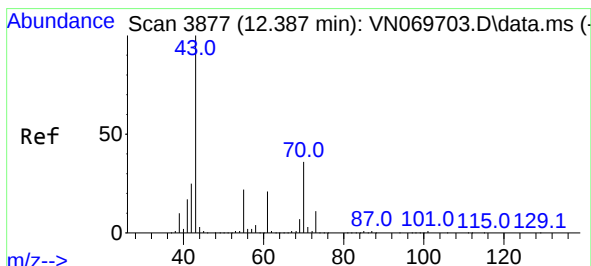
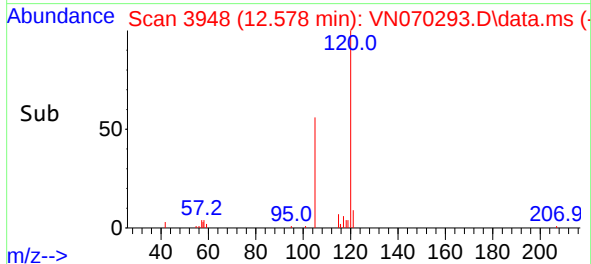
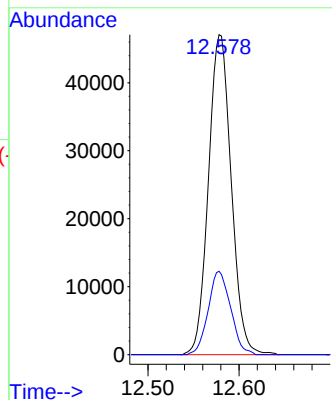
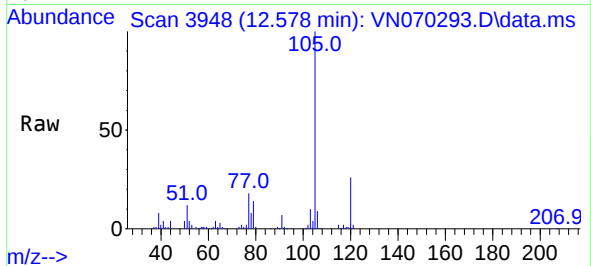




#73
Isopropylbenzene
Concen: 1.658 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

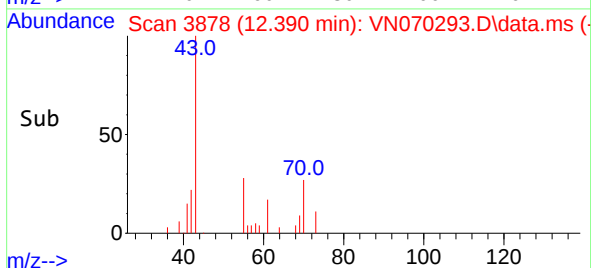
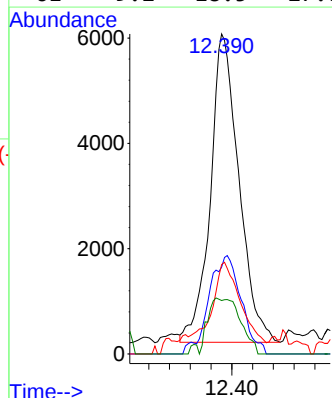
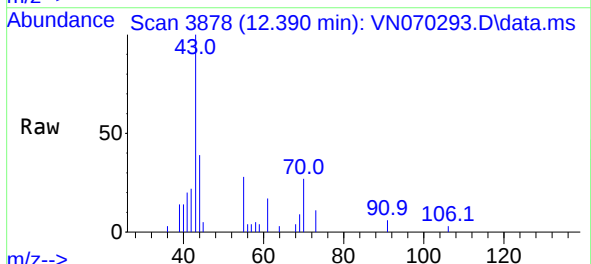
Instrument :
MSVOA_N
ClientSampleId :

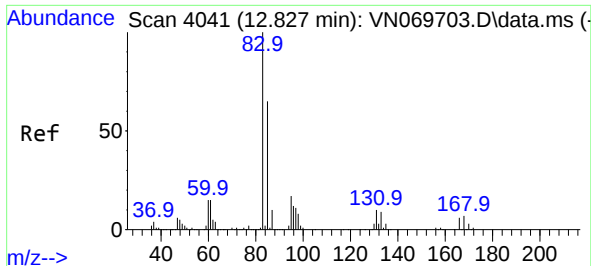
Tgt Ion:105 Resp: 81679
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 0.513 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 43 Resp: 11178
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 30.3 19.3 28.9#
61 9.2 18.5 27.7#

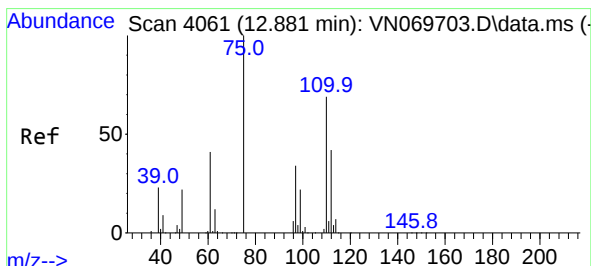
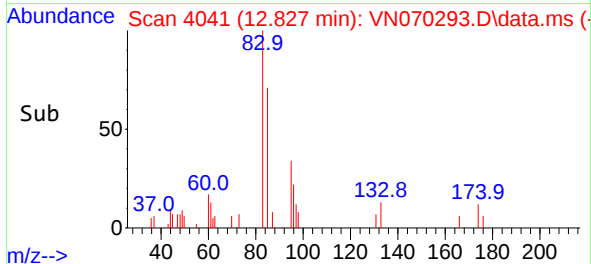
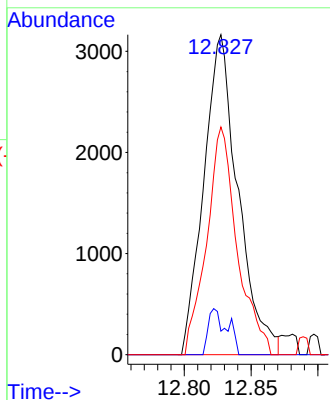
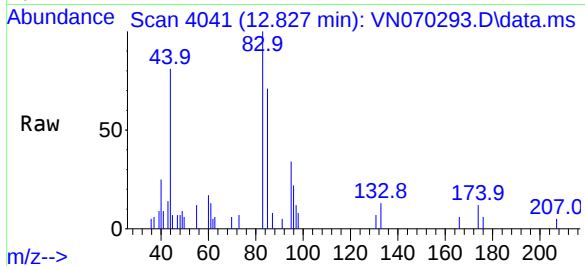




#75
1,1,2,2-Tetrachloroethane
Concen: 0.331 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

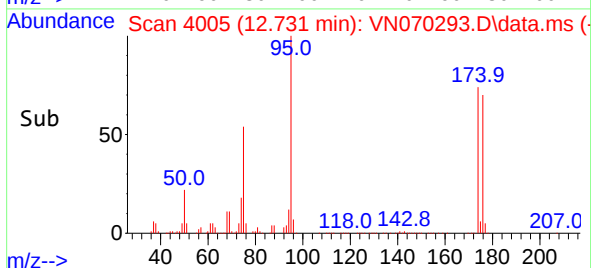
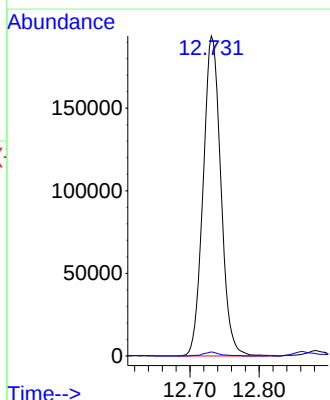
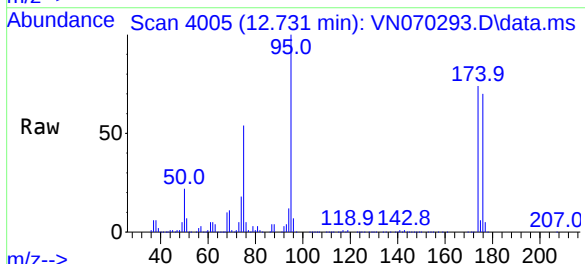
Instrument :
MSVOA_N
ClientSampleId :

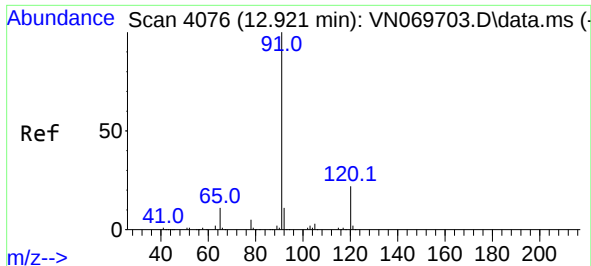
Tgt Ion: 83 Resp: 5647
Ion Ratio Lower Upper
83 100
131 6.3 5.5 16.5
85 63.3 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 21.669 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 75 Resp: 344144
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

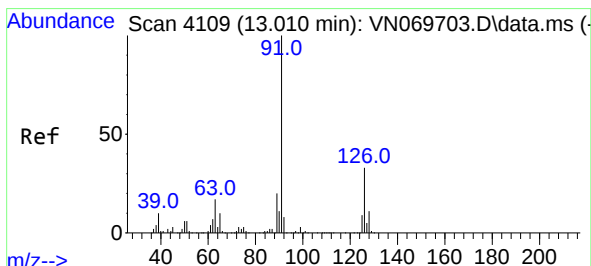
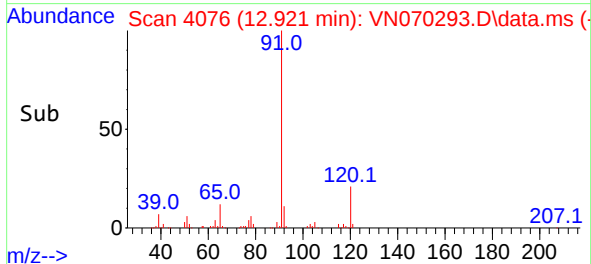
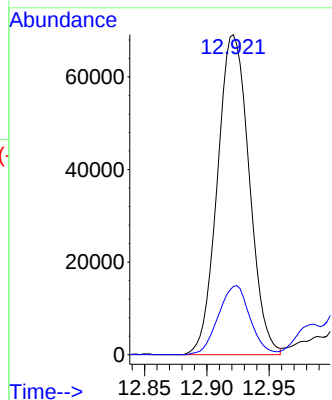
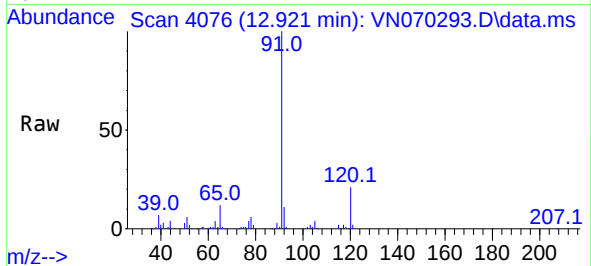




#78
n-propylbenzene
Concen: 2.238 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

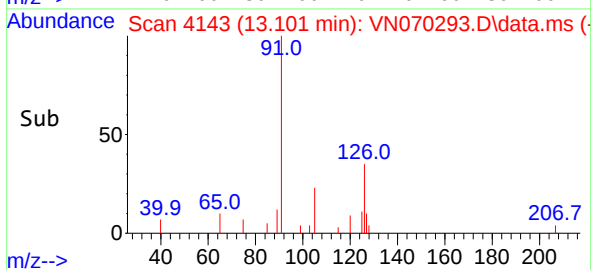
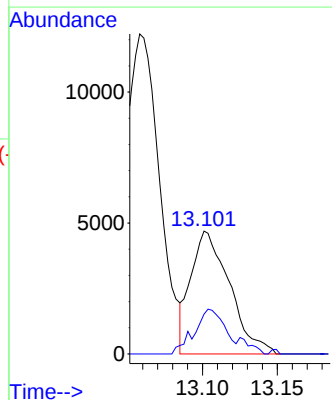
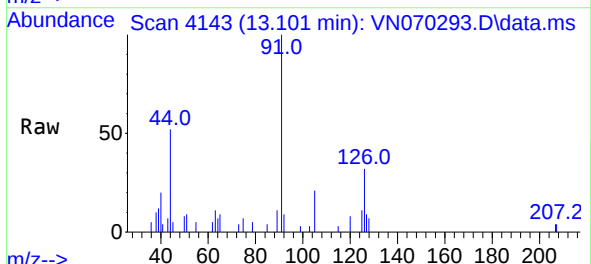
Instrument :
MSVOA_N
ClientSampleId :

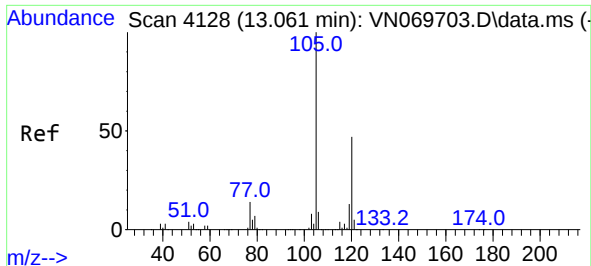
Tgt Ion: 91 Resp: 122721
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.244 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. 0.091 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 91 Resp: 8452
Ion Ratio Lower Upper
91 100
126 28.4 18.3 54.8

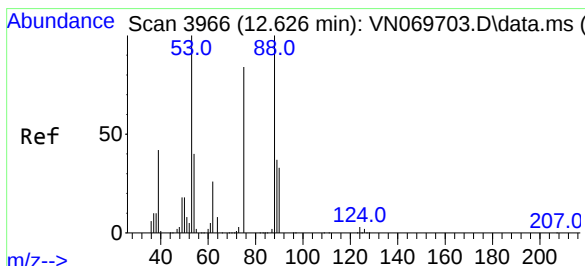
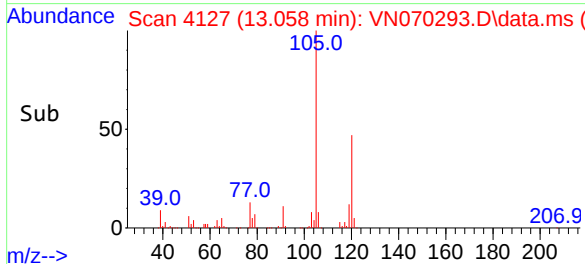
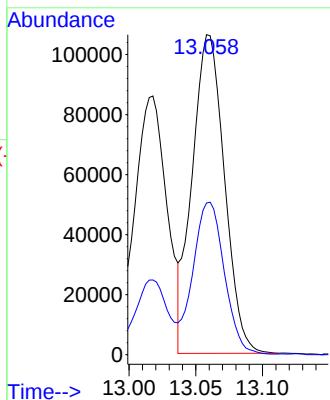
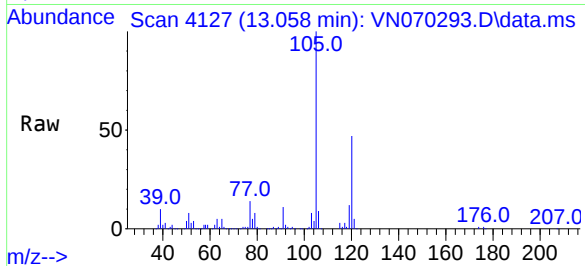




#80
1,3,5-Trimethylbenzene
Concen: 4.493 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

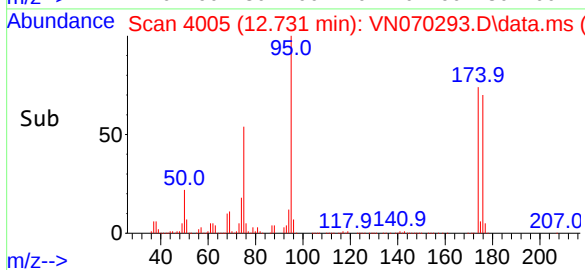
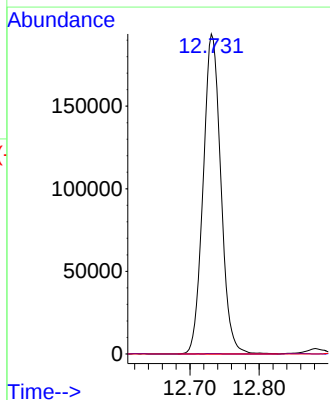
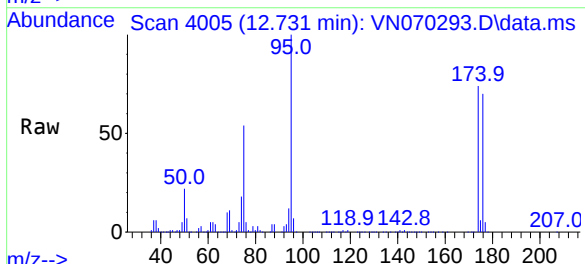
Instrument :
MSVOA_N
ClientSampleId :

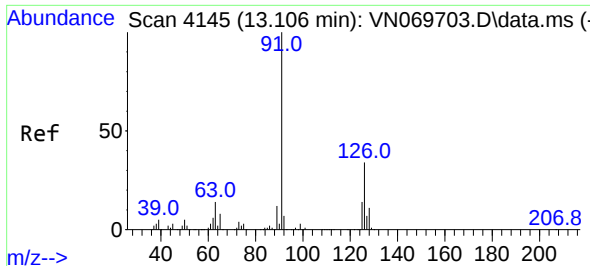
Tgt Ion:105 Resp: 178202
Ion Ratio Lower Upper
105 100
120 46.1 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 69.220 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 75 Resp: 344144
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

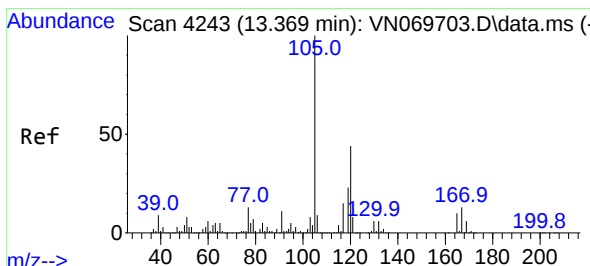
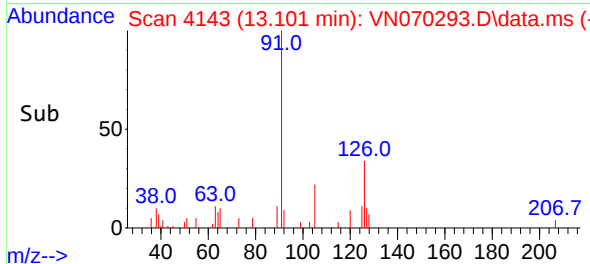
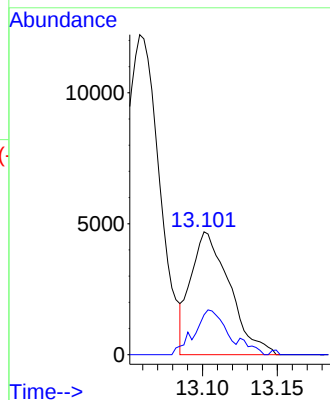
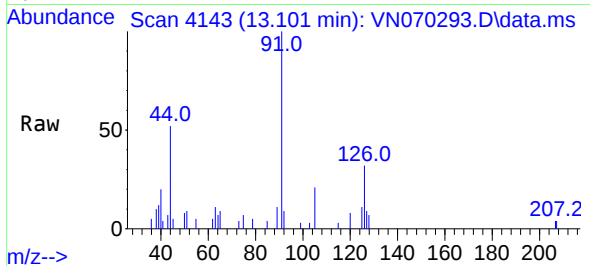




#82
4-Chlorotoluene
Concen: 0.259 ug/l
RT: 13.101 min Scan# 4145
Delta R.T. -0.005 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

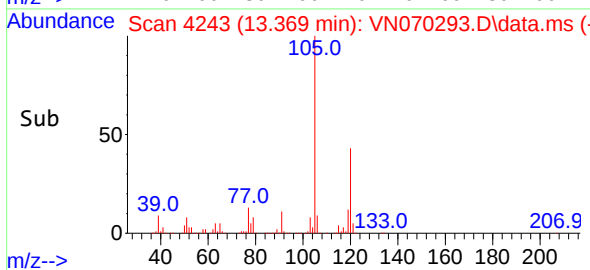
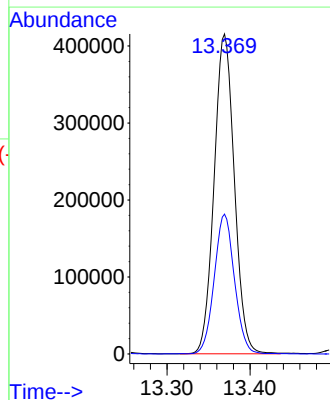
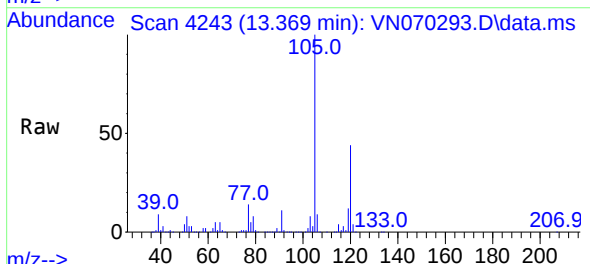
Instrument :
MSVOA_N
ClientSampleId :

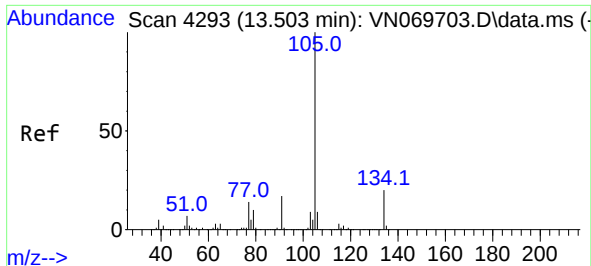
Tgt Ion: 91 Resp: 8452
Ion Ratio Lower Upper
91 100
126 28.4 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 18.632 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 105 Resp: 703728
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4

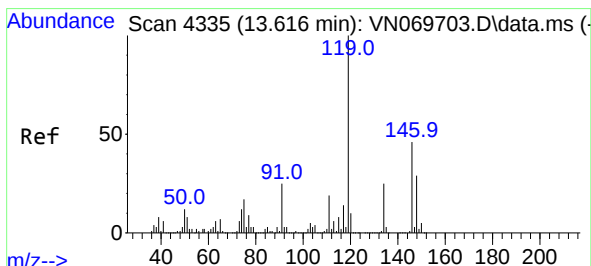
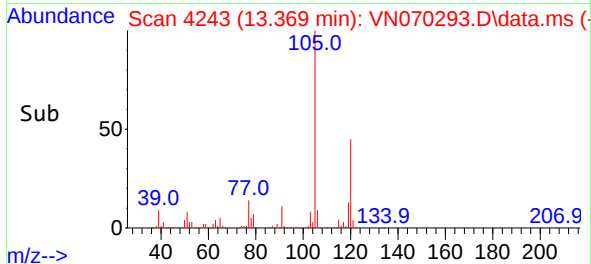
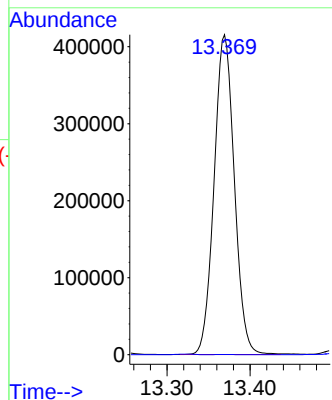
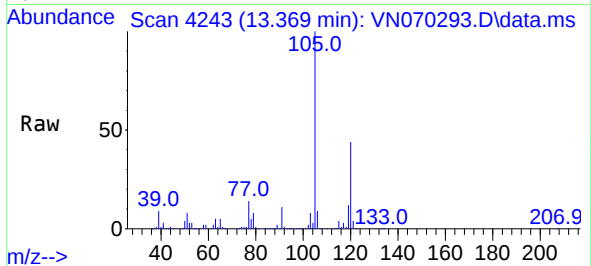




#85
 sec-Butylbenzene
 Concen: 14.774 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN070293.D
 Acq: 22 Dec 2021 16:53

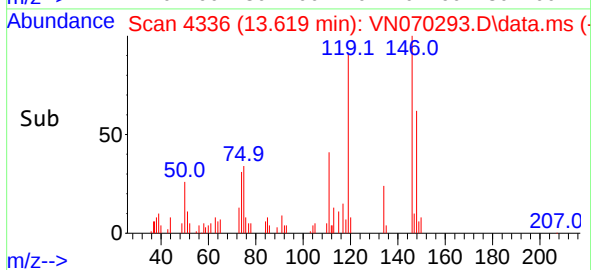
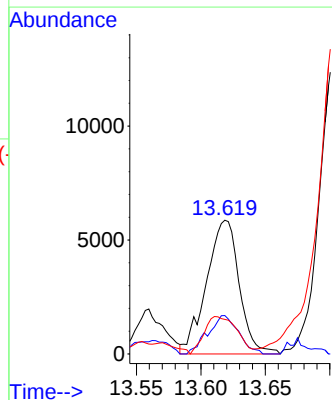
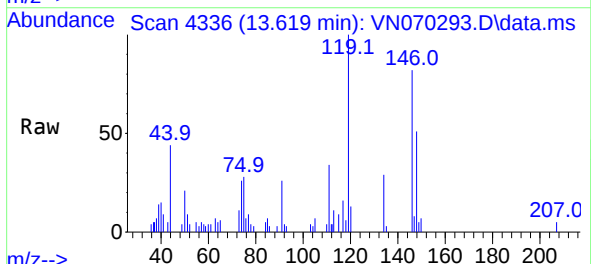
Instrument :
 MSVOA_N
 ClientSampleId :

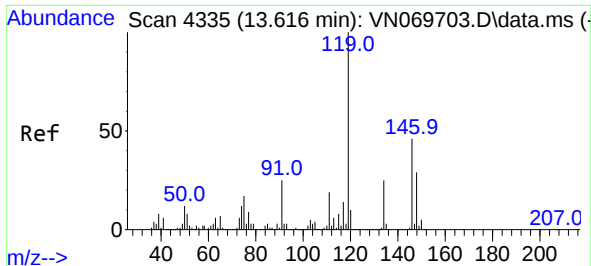
Tgt Ion:105 Resp: 703728
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.279 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN070293.D
 Acq: 22 Dec 2021 16:53

Tgt Ion:119 Resp: 10383
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 27.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.437 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. 0.000 min

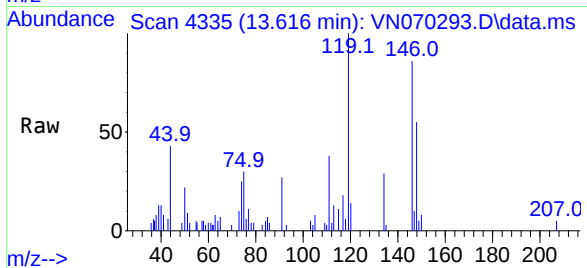
Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

Instrument :

MSVOA_N

ClientSampleId :



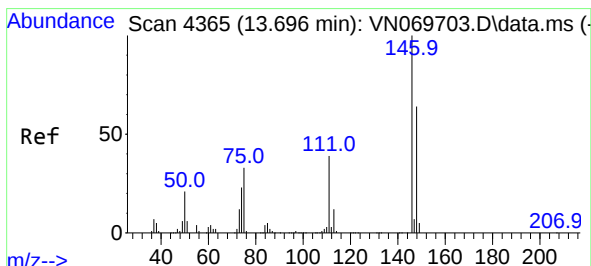
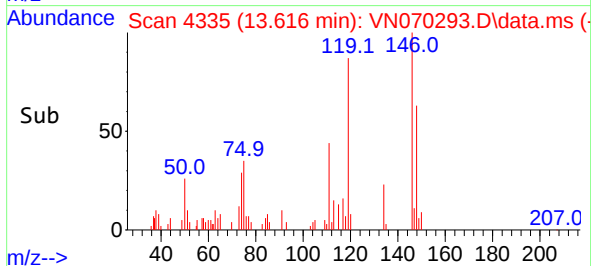
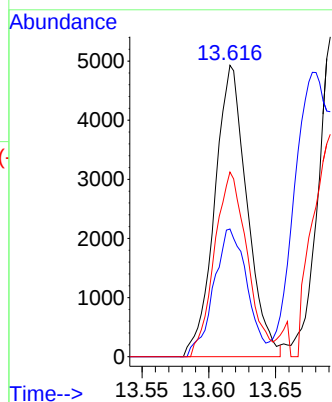
Tgt Ion:146 Resp: 8313

Ion Ratio Lower Upper

146 100

111 44.9 18.6 55.6

148 64.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.445 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.080 min

Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

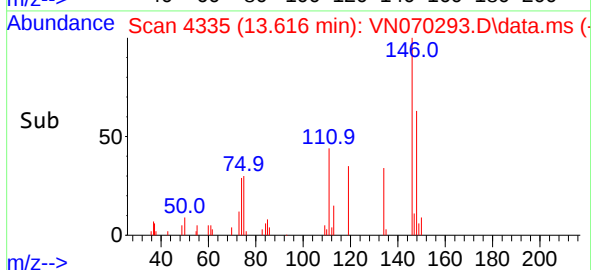
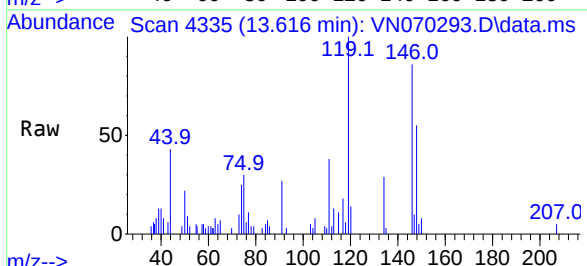
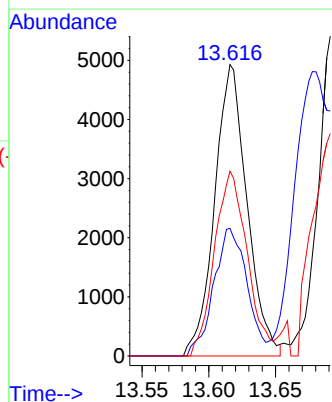
Tgt Ion:146 Resp: 8313

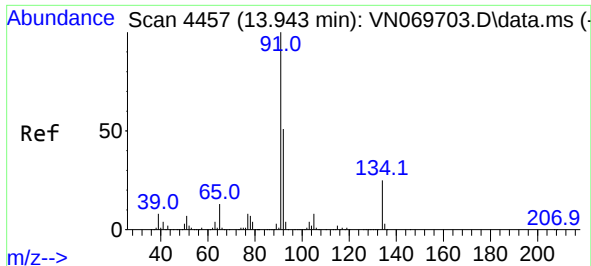
Ion Ratio Lower Upper

146 100

111 44.9 18.3 54.8

148 64.2 31.8 95.4

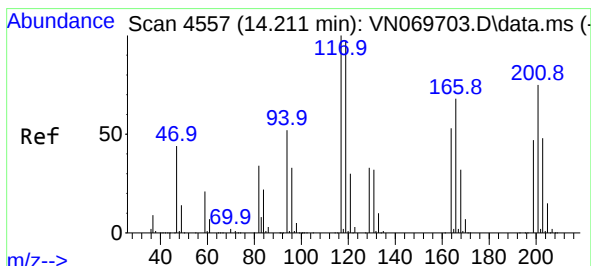
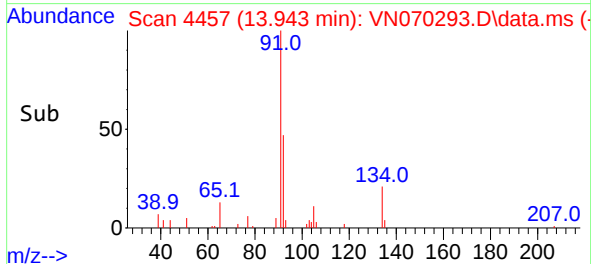
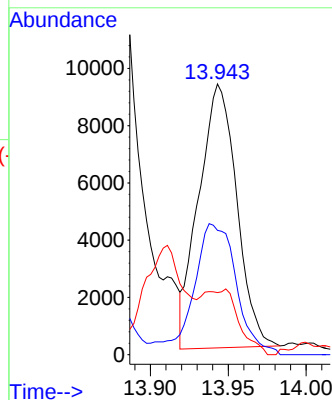
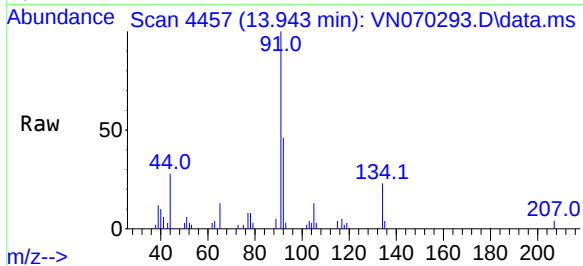




#89
n-Butylbenzene
Concen: 0.518 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

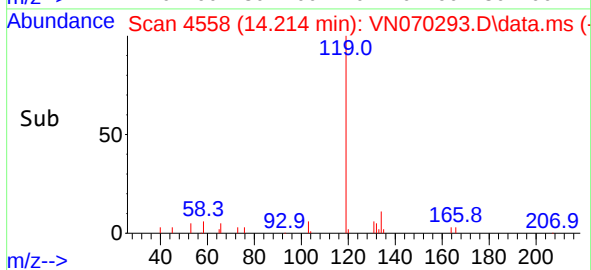
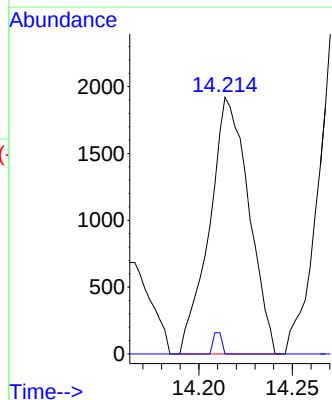
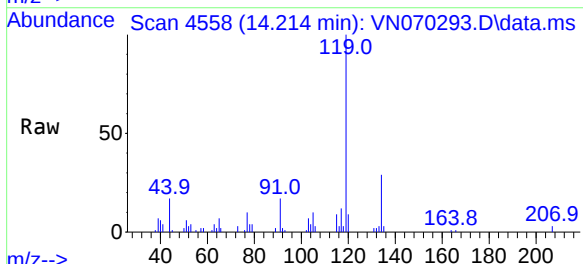
Instrument :
MSVOA_N
ClientSampleId :

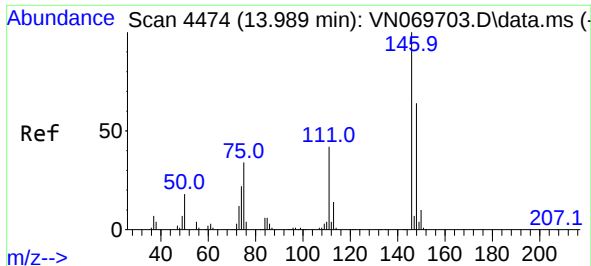
Tgt Ion: 91 Resp: 15642
Ion Ratio Lower Upper
91 100
92 54.3 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 0.430 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 117 Resp: 2808
Ion Ratio Lower Upper
117 100
201 1.8 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.517 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. 0.000 min

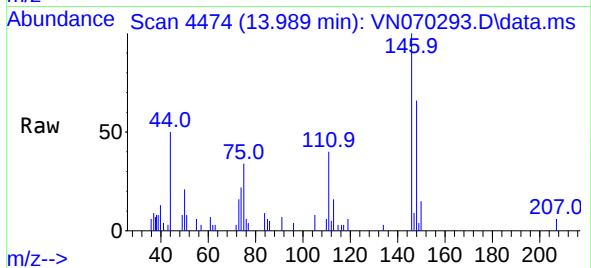
Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

Instrument :

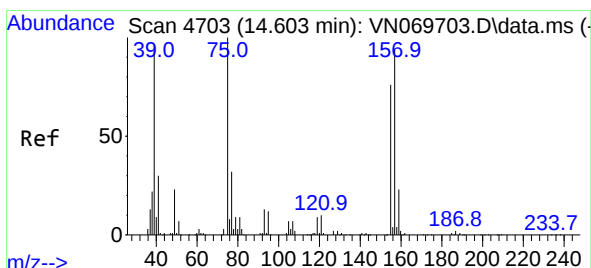
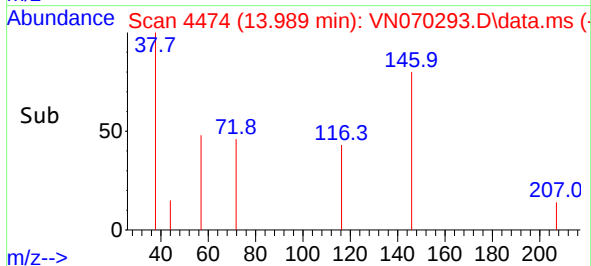
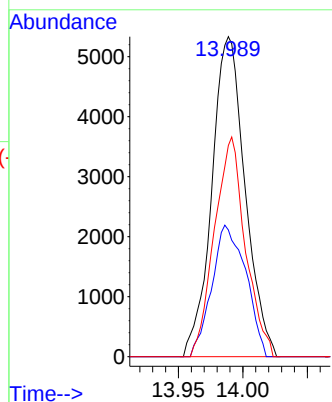
MSVOA_N

ClientSampleId :



Tgt Ion:146 Resp: 9583

Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.1	57.3
148	63.9	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.612 ug/l

RT: 14.603 min Scan# 4703

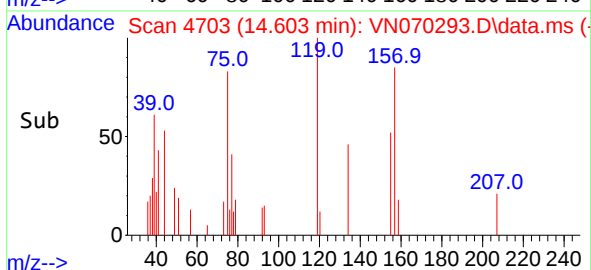
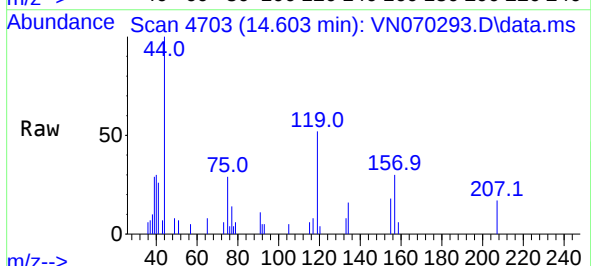
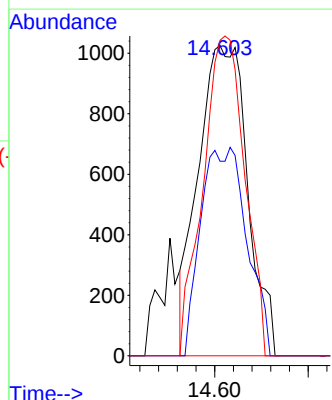
Delta R.T. 0.000 min

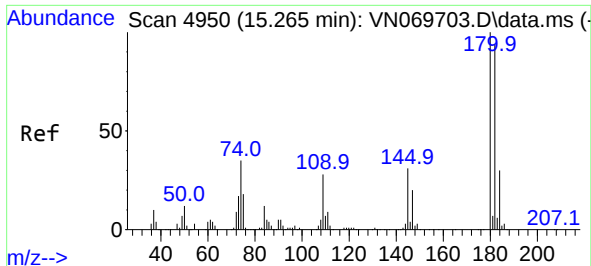
Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

Tgt Ion: 75 Resp: 1883

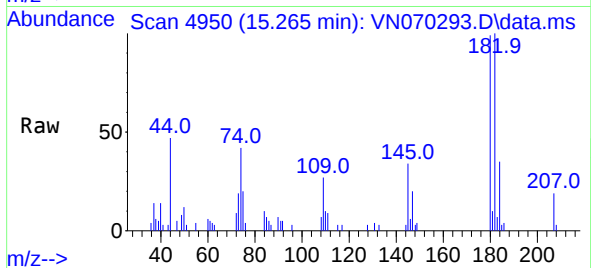
Ion	Ratio	Lower	Upper
75	100		
155	29.3	46.9	140.7#
157	87.4	60.6	181.7



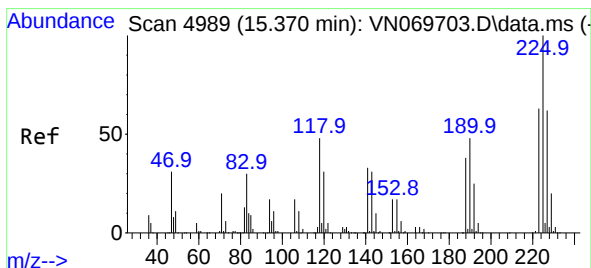
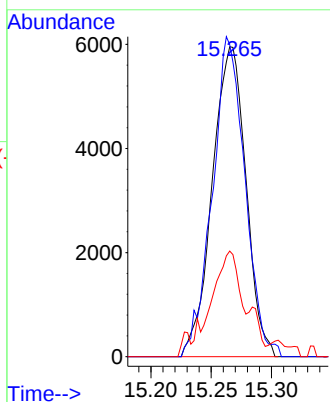
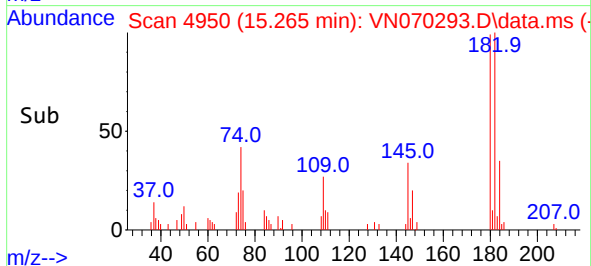


#93
1,2,4-Trichlorobenzene
Concen: 4.078 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

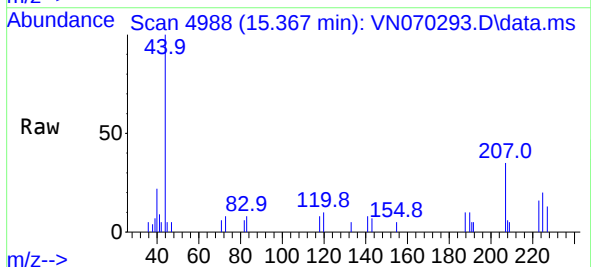
Instrument :
MSVOA_N
ClientSampleId :



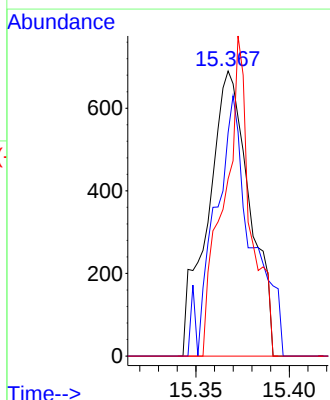
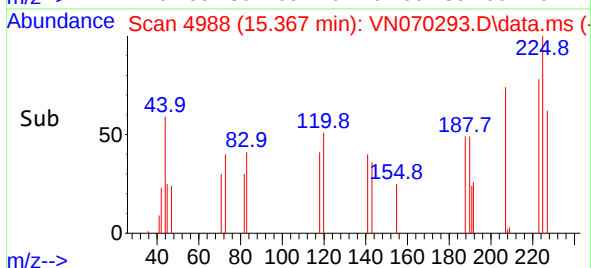
Tgt Ion:180 Resp: 11575
Ion Ratio Lower Upper
180 100
182 99.6 48.3 144.9
145 23.5 14.5 43.5

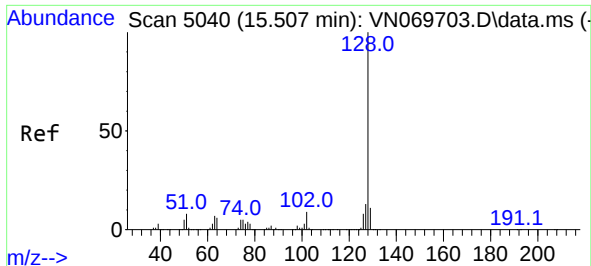


#94
Hexachlorobutadiene
Concen: 0.219 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53



Tgt Ion:225 Resp: 1074
Ion Ratio Lower Upper
225 100
223 79.9 31.9 95.7
227 71.4 32.1 96.3

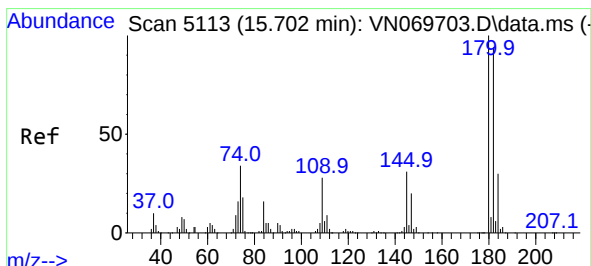
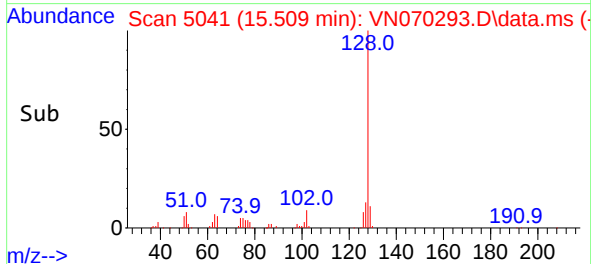
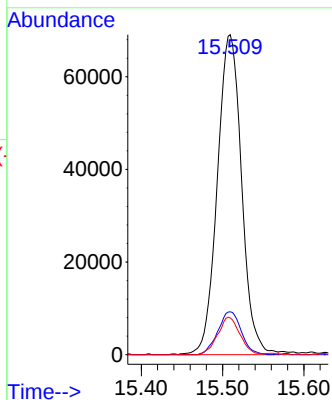
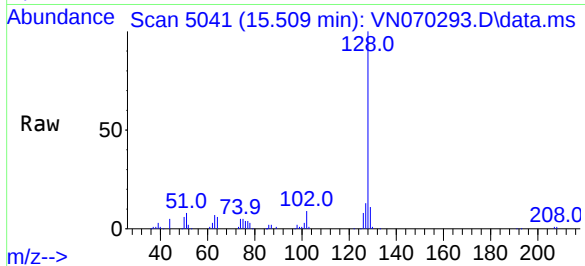




#95
Naphthalene
Concen: 8.858 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 143304
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.034 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion:180 Resp: 14883
Ion Ratio Lower Upper
180 100
182 88.7 47.4 142.2
145 36.9 15.0 45.1

