

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067724.D
 Acq On : 13 Jul 2021 18:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 14 01:20:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	80100	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	468415	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	414674	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	197419	30.507	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.700%
60) 4-Bromofluorobenzene	12.734	95	180581	26.815	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.367%
63) Toluene-d8	10.443	98	579581	30.388	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	1689	0.413	ug/l	93
3) Chloromethane	2.301	50	2190	0.428	ug/l	93
7) Trichlorofluoromethane	3.373	101	4118	0.279	ug/l	94
11) Methyl Iodide	4.409	142	1681	0.327	ug/l #	52
12) Methyl Acetate	4.862	43	4639	0.875	ug/l	94
14) Acrylonitrile	5.557	53	1861	0.798	ug/l #	89
15) Acetone	4.288	58	945	1.635	ug/l #	21
16) Carbon Disulfide	4.524	76	15060	1.468	ug/l	97
18) Methylene Chloride	5.087	84	3281	0.610	ug/l #	85
29) 1,1-Dichloropropene	8.214	75	1647	0.224	ug/l	88
30) 2-Butanone	7.345	43	7666	2.252	ug/l #	67
35) Methacrylonitrile	7.640	41	725	0.207	ug/l #	77
36) 1,2-Dichloroethane	8.531	62	2578	0.315	ug/l #	84
37) Trichloroethene	9.215	130	2810	0.492	ug/l	94
38) Methylcyclohexane	9.459	83	2746	0.337	ug/l	85
42) Vinyl Acetate	6.442	43	5139	0.380	ug/l #	88
45) 1,4-Dioxane	9.574	88	1296	13.699	ug/l #	69
46) Methyl methacrylate	9.566	41	1994	0.370	ug/l	78
47) n-amyl Acetate	12.393	43	17811	1.737	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	1444	0.251	ug/l #	85
51) Ethyl methacrylate	10.765	69	2513	0.281	ug/l	87
52) 1,3-Dichloropropane	11.044	76	2151	0.226	ug/l	94
55) 2-Chloroethyl vinyl ether	10.041	63	3417	1.976	ug/l #	81
56) Bromoform	12.457	173	1354	0.321	ug/l #	90
58) 4-Methyl-2-Pentanone	10.336	43	18226	2.560	ug/l	98
59) 2-Hexanone	11.089	43	33894	6.789	ug/l	96
61) Tetrachloroethene	10.980	164	2712	0.532	ug/l #	84
62) Toluene	10.507	91	12290	0.504	ug/l	93
64) Chlorobenzene	11.771	112	7853	0.538	ug/l	96
66) Ethyl Benzene	11.846	91	11171	0.414	ug/l	94
67) m/p-Xylenes	11.958	106	9678	0.940	ug/l	95
68) o-Xylene	12.283	106	3711	0.365	ug/l	96
69) Styrene	12.296	104	9493	0.565	ug/l	96
70) Isopropylbenzene	12.583	105	11694	0.446	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	5676	0.762	ug/l	94
72) 1,2,3-Trichloropropane	12.884	75	7789	1.258	ug/l	67
73) Bromobenzene	12.862	156	5103	0.847	ug/l	92
74) n-propylbenzene	12.924	91	24329	0.810	ug/l	100
75) 2-Chlorotoluene	13.012	91	12044	0.668	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067724.D
 Acq On : 13 Jul 2021 18:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 14 01:20:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

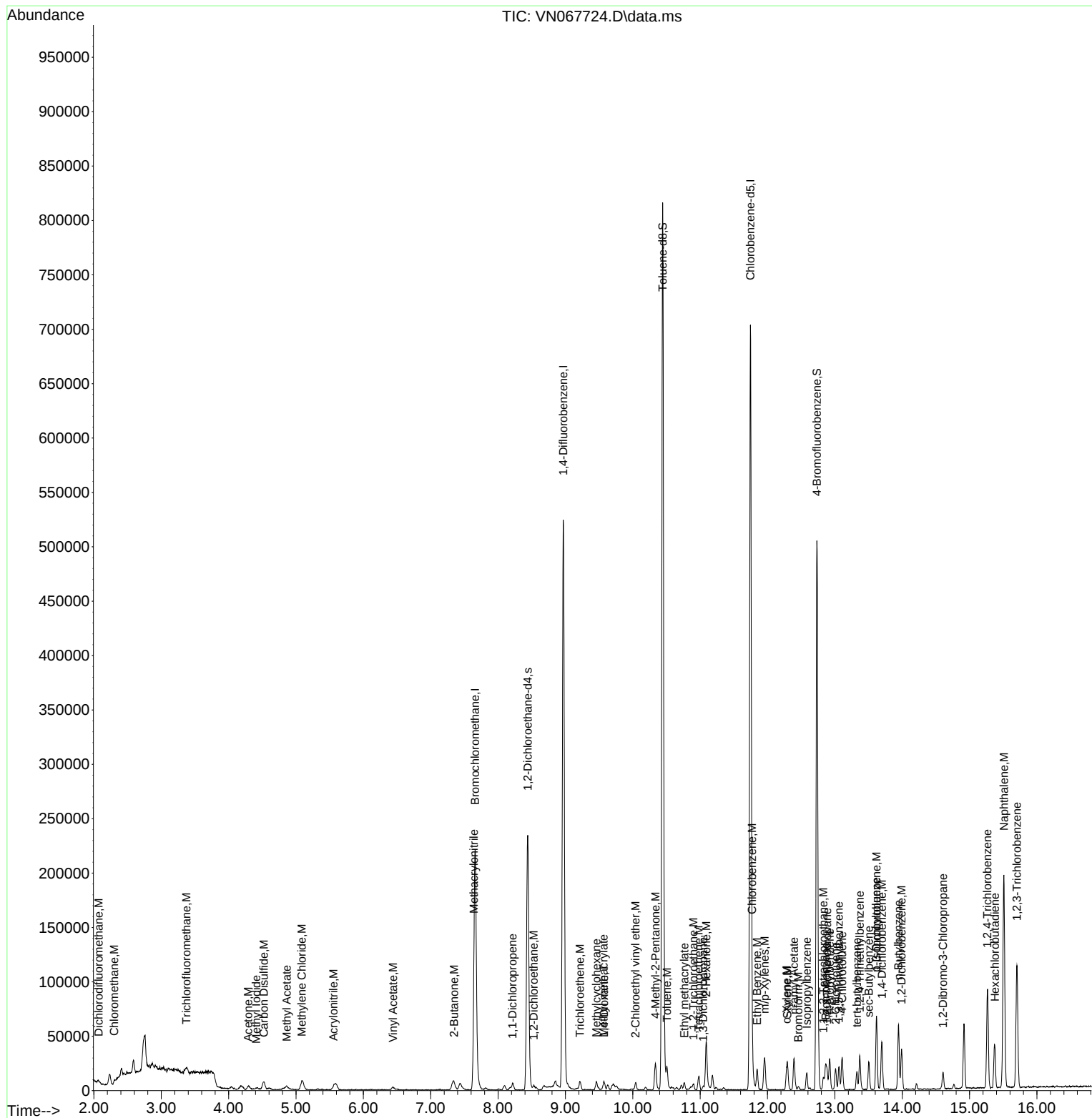
76) 1,3,5-Trimethylbenzene	13.058	105	6674	0.309	ug/l	43
78) 4-Chlorotoluene	13.109	91	18933	1.053	ug/l	100
79) tert-butylbenzene	13.326	119	8179	0.441	ug/l	93
80) 1,2,4-Trimethylbenzene	13.372	105	16862	0.786	ug/l #	81
81) sec-Butylbenzene	13.503	105	18560	0.722	ug/l	96
82) p-Isopropyltoluene	13.616	119	19712	0.921	ug/l	96
83) 1,3-Dichlorobenzene	13.619	146	14976	1.330	ug/l	99
84) 1,4-Dichlorobenzene	13.699	146	17861	1.629	ug/l	98
85) n-Butylbenzene	13.946	91	33812	1.904	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	15468	1.439	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.606	75	3404	2.555	ug/l	91
89) 1,2,4-Trichlorobenzene	15.263	180	27554	5.623	ug/l	98
90) Hexachlorobutadiene	15.375	225	7210	3.061	ug/l	93
91) Naphthalene	15.509	128	175840	12.632	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	35732	7.612	ug/l	97

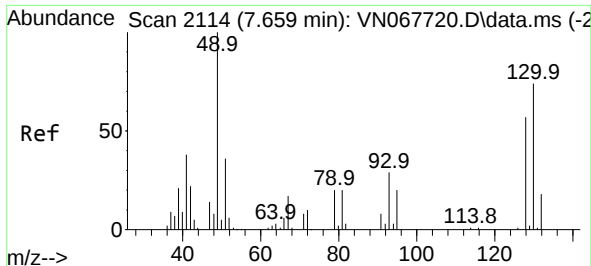
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
Data File : VN067724.D
Acq On : 13 Jul 2021 18:12
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 14 01:20:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:19:19 2021
Response via : Initial Calibration

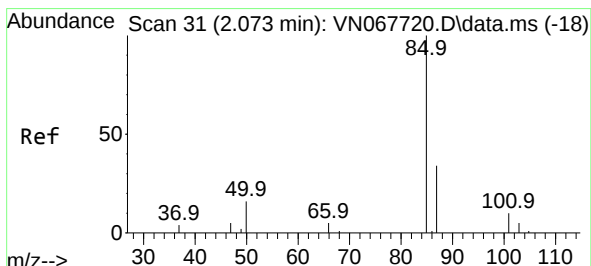
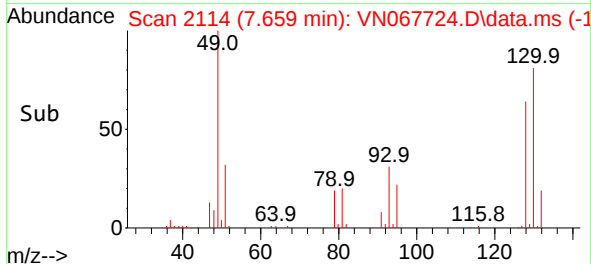
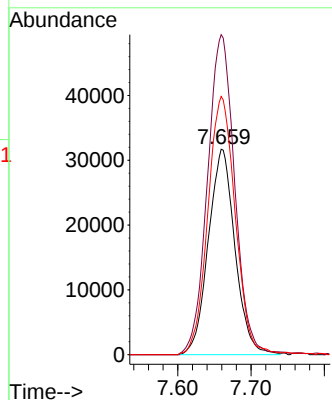
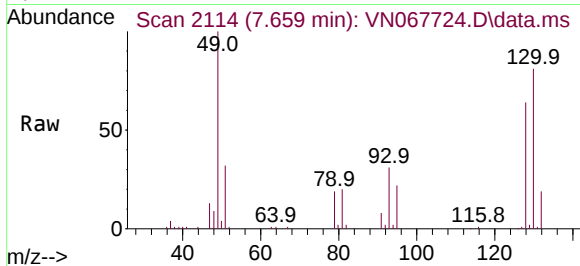




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

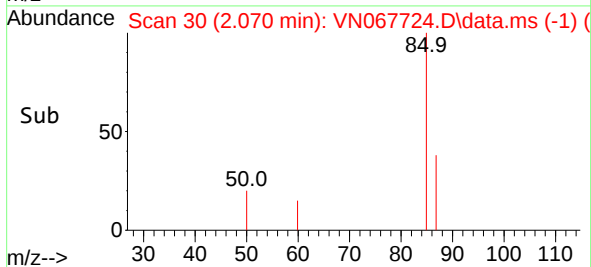
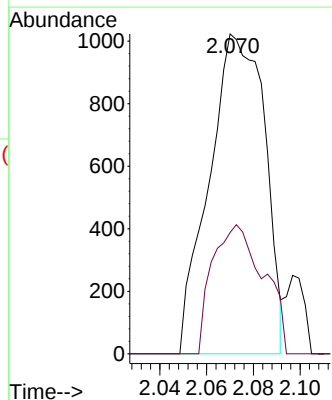
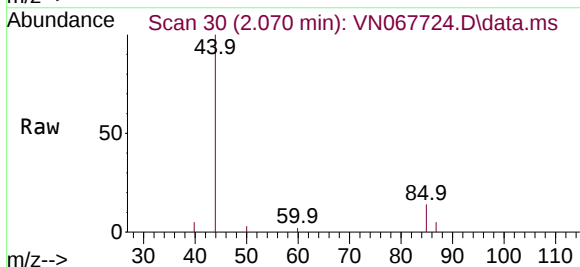
Instrument :
MSVOA_N
ClientSampled :

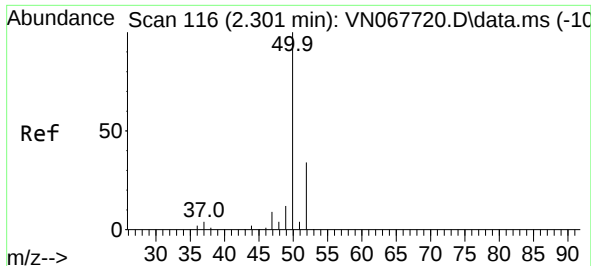
Tgt Ion:128 Resp: 80100
Ion Ratio Lower Upper
128 100
49 158.6 0.0 433.0
130 129.5 0.0 323.8



#2
Dichlorodifluoromethane
Concen: 0.413 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 85 Resp: 1689
Ion Ratio Lower Upper
85 100
87 37.9 17.0 50.9

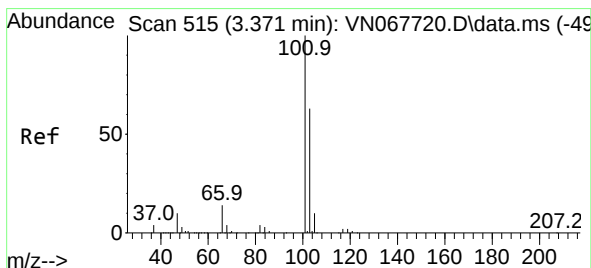
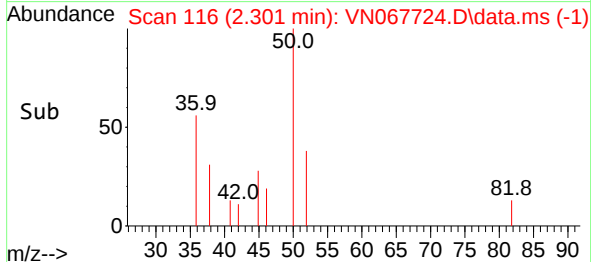
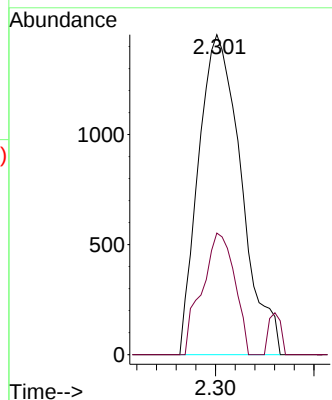
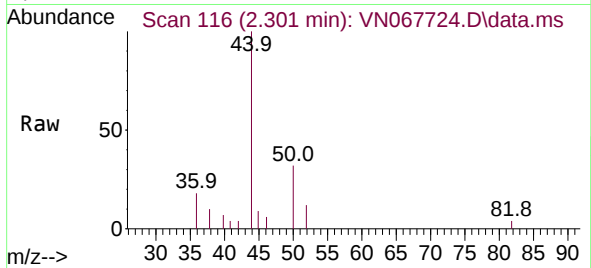




#3
Chloromethane
Concen: 0.428 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

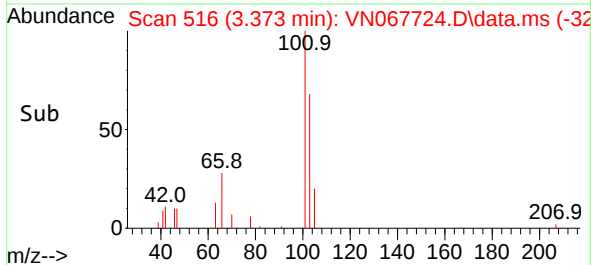
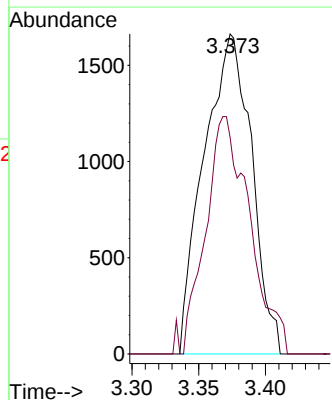
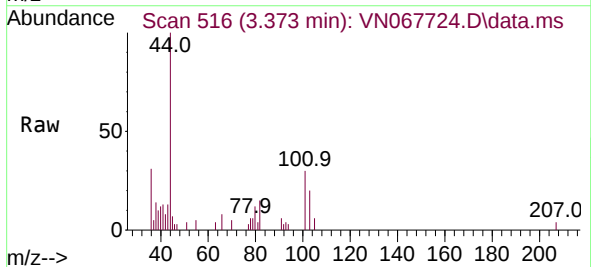
Instrument :
MSVOA_N
ClientSampled :

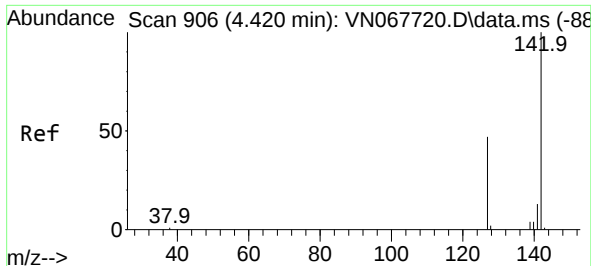
Tgt Ion: 50 Resp: 2190
Ion Ratio Lower Upper
50 100
52 38.0 27.2 40.8



#7
Trichlorofluoromethane
Concen: 0.279 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 101 Resp: 4118
Ion Ratio Lower Upper
101 100
103 67.6 50.3 75.5

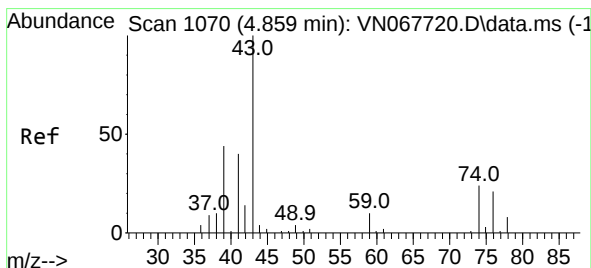
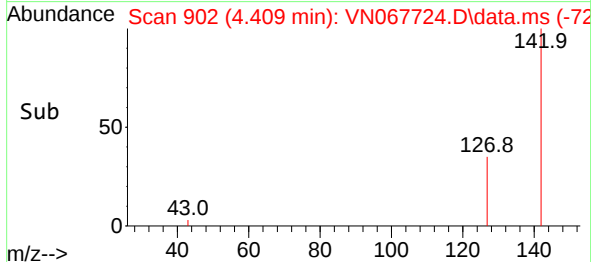
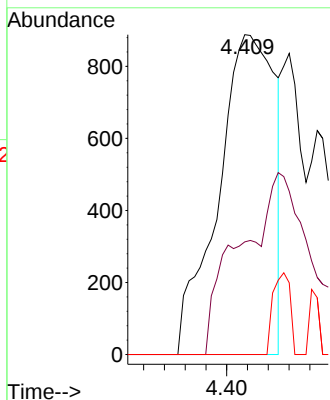
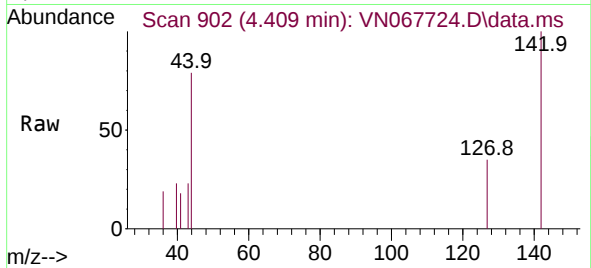




#11
Methyl Iodide
Concen: 0.327 ug/l
RT: 4.409 min Scan# 902
Delta R.T. -0.011 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

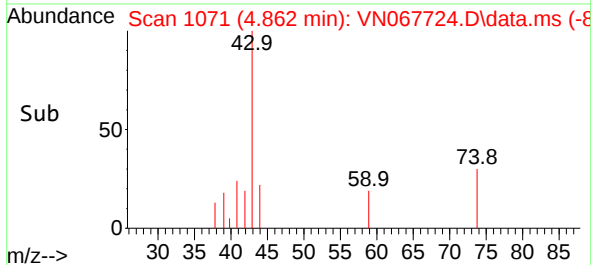
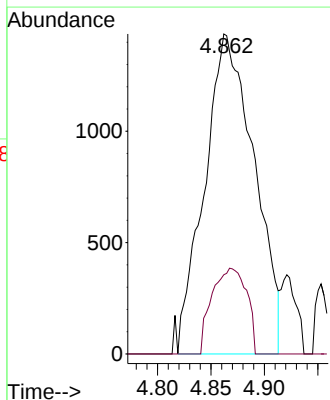
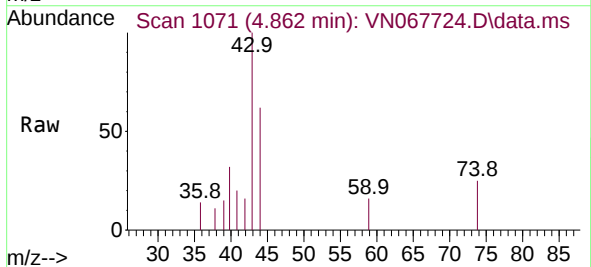
Instrument :
MSVOA_N
ClientSampleId :

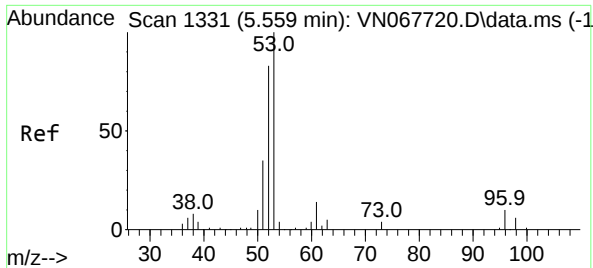
Tgt Ion:142 Resp: 1681
Ion Ratio Lower Upper
142 100
127 12.0 23.4 70.2#
141 0.0 6.7 20.0#



#12
Methyl Acetate
Concen: 0.875 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 43 Resp: 4639
Ion Ratio Lower Upper
43 100
74 27.5 19.8 29.6

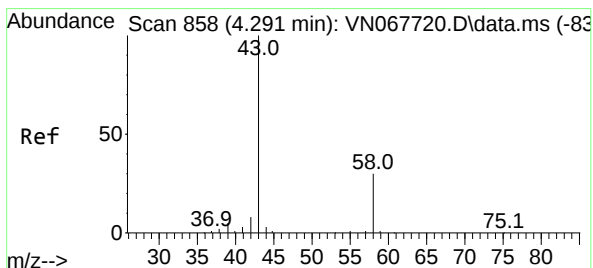
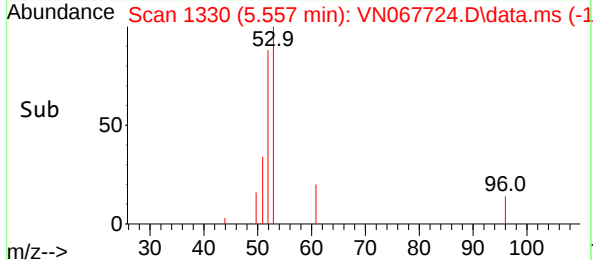
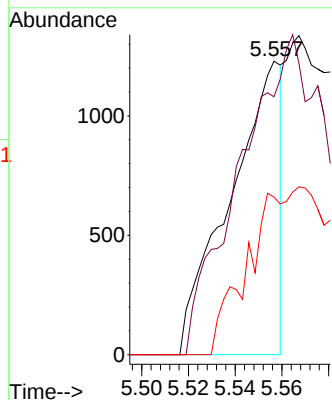
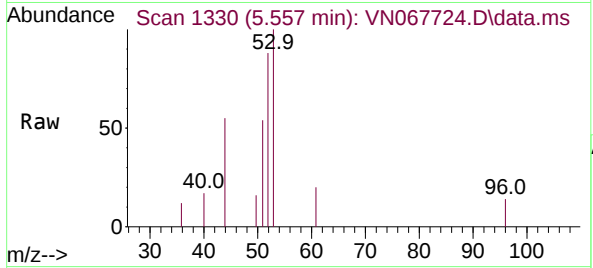




#14
Acrylonitrile
Concen: 0.798 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

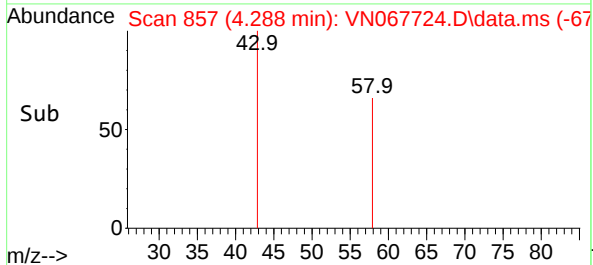
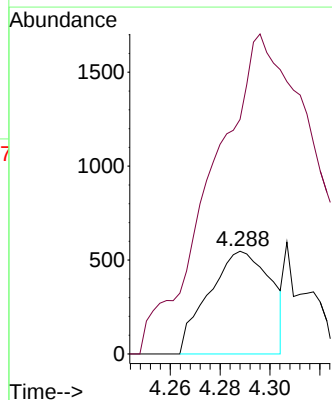
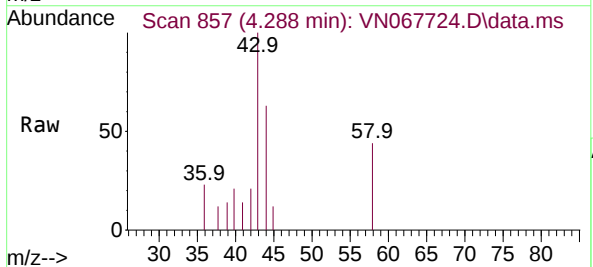
Instrument :
MSVOA_N
ClientSampled :

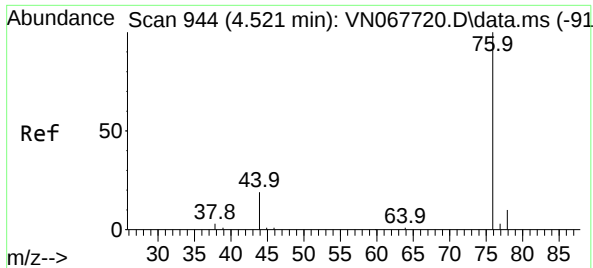
Tgt Ion: 53 Resp: 1861
Ion Ratio Lower Upper
53 100
52 82.9 41.3 123.7
51 16.8 18.4 55.0#



#15
Acetone
Concen: 1.635 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

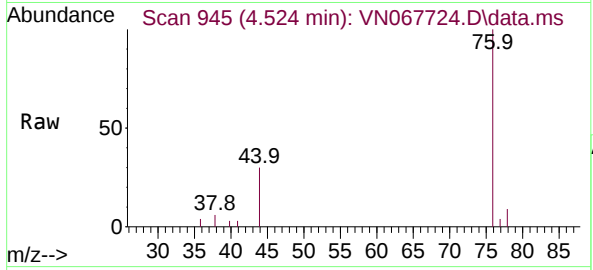
Tgt Ion: 58 Resp: 945
Ion Ratio Lower Upper
58 100
43 169.1 268.2 402.4#



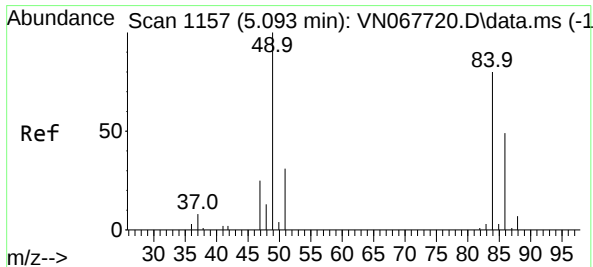
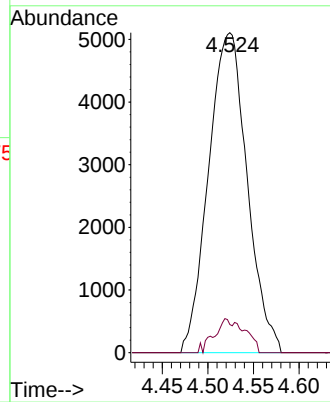
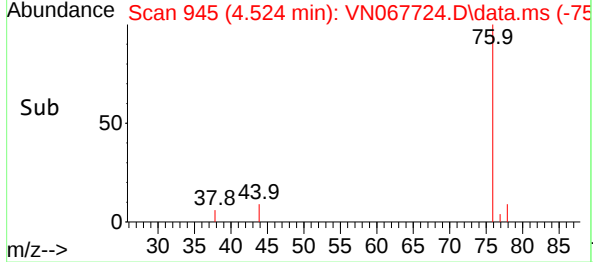


#16
Carbon Disulfide
Concen: 1.468 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

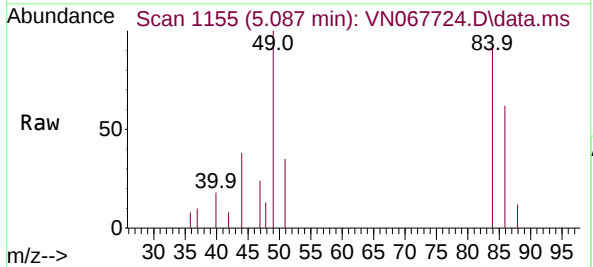
Instrument :
MSVOA_N
ClientSampled :



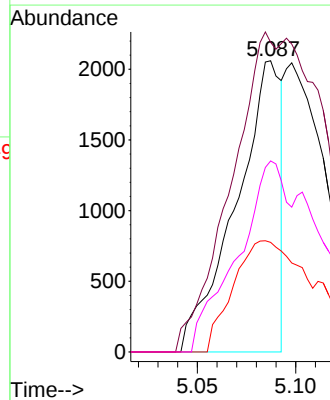
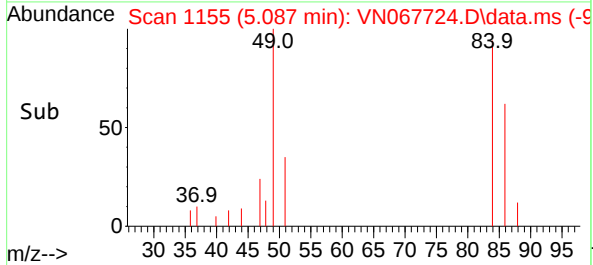
Tgt Ion: 76 Resp: 15060
Ion Ratio Lower Upper
76 100
78 8.8 7.9 11.9

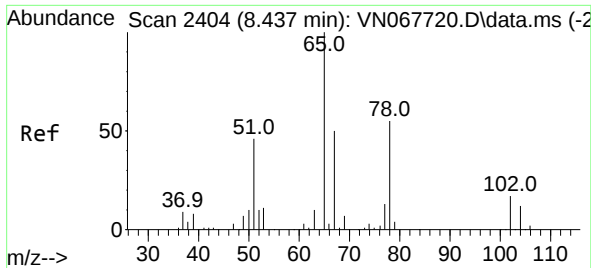


#18
Methylene Chloride
Concen: 0.610 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.005 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12



Tgt Ion: 84 Resp: 3281
Ion Ratio Lower Upper
84 100
49 98.3 100.5 150.7#
51 37.6 30.7 46.1
86 65.6 49.4 74.2





#27

1,2-Dichloroethane-d4

Concen: 30.507 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN067724.D

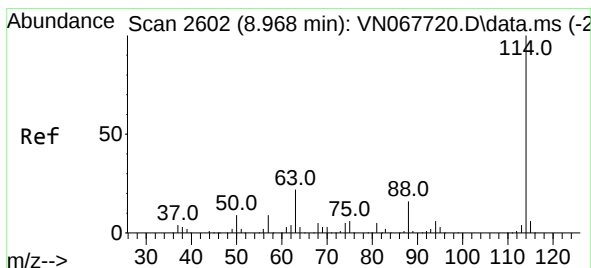
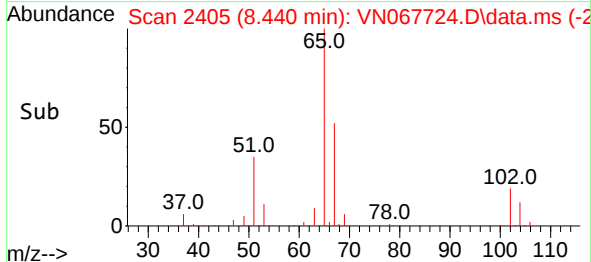
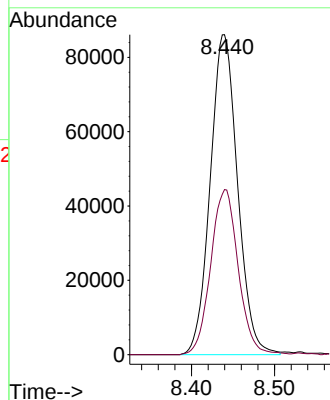
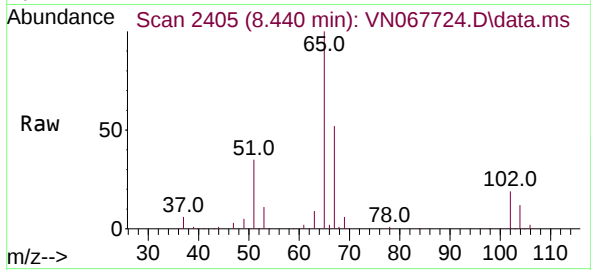
Acq: 13 Jul 2021 18:12

Tgt Ion: 65 Resp: 197419

Ion Ratio Lower Upper

65 100

67 52.0 40.6 60.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN067724.D

Acq: 13 Jul 2021 18:12

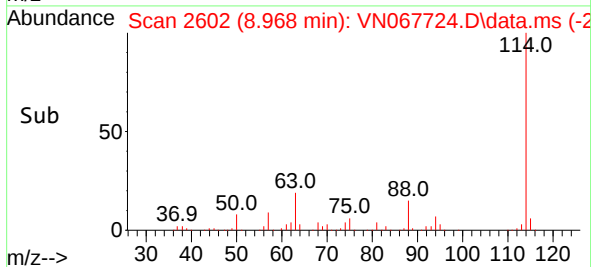
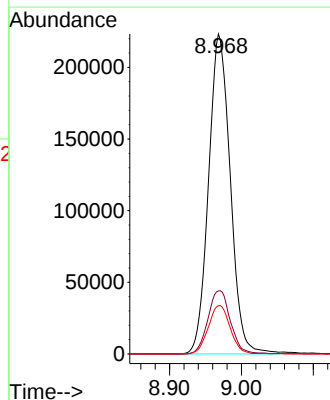
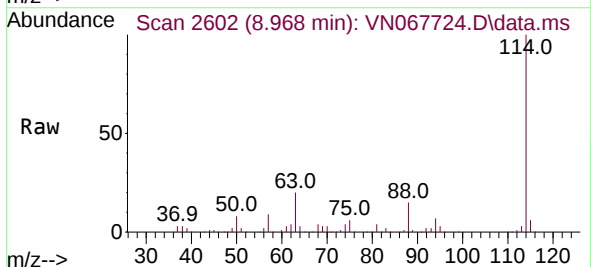
Tgt Ion: 114 Resp: 468415

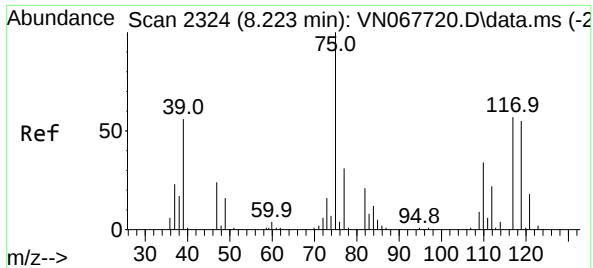
Ion Ratio Lower Upper

114 100

63 20.5 17.2 25.8

88 15.2 12.4 18.6

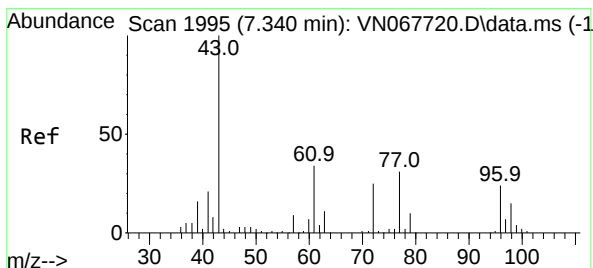
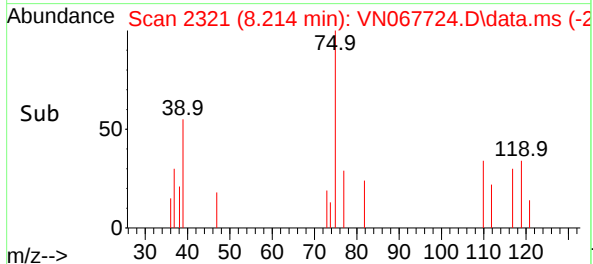
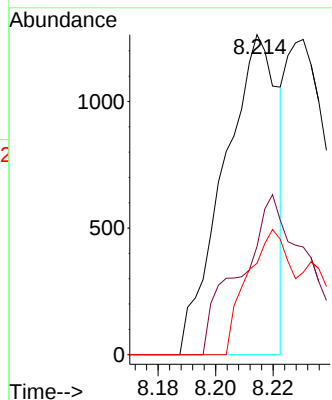
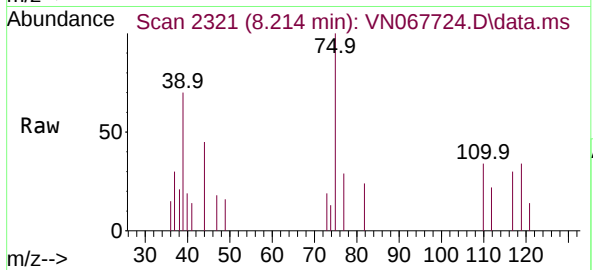




#29
1,1-Dichloropropene
Concen: 0.224 ug/l
RT: 8.214 min Scan# 2321
Delta R.T. -0.008 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

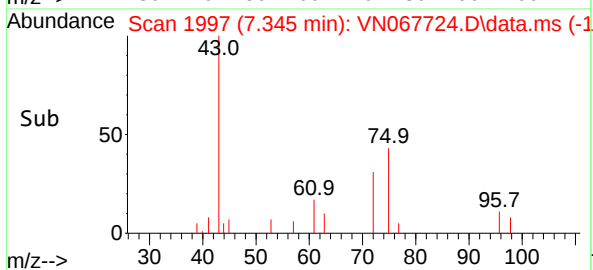
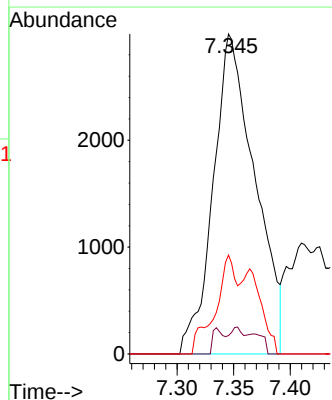
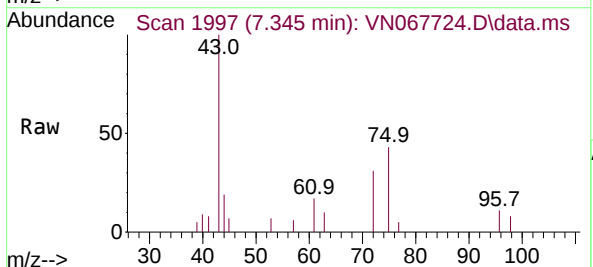
Instrument :
MSVOA_N
ClientSampled :

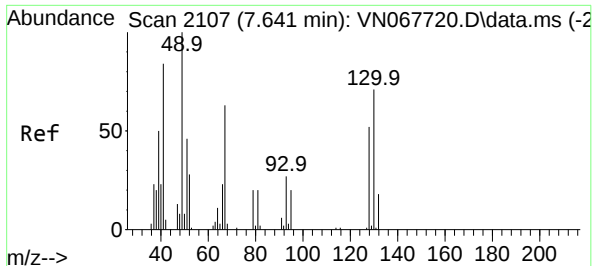
Tgt Ion: 75 Resp: 1647
Ion Ratio Lower Upper
75 100
110 22.8 0.0 69.2
77 31.4 0.0 60.4



#30
2-Butanone
Concen: 2.252 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 43 Resp: 7666
Ion Ratio Lower Upper
43 100
57 1.1 6.6 9.8#
72 8.0 21.8 32.6#

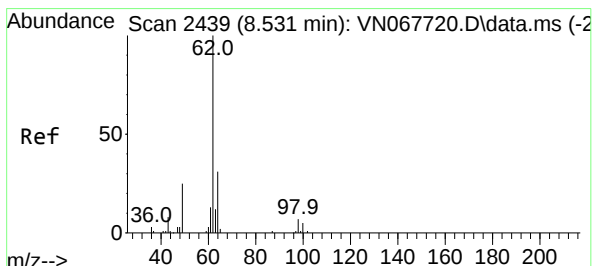
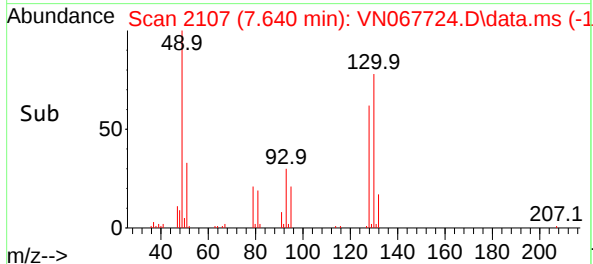
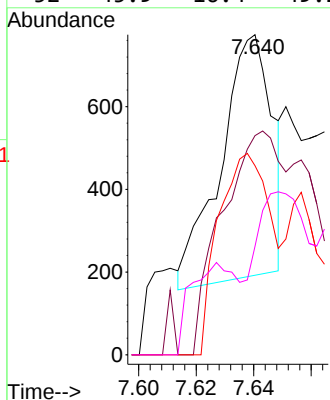
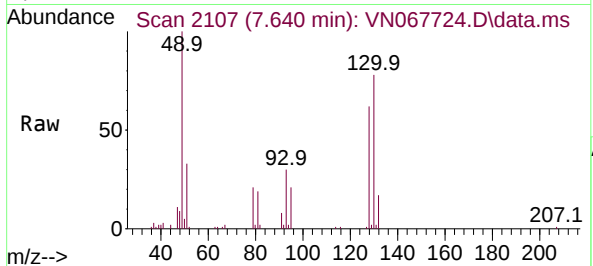




#35
Methacrylonitrile
Concen: 0.207 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

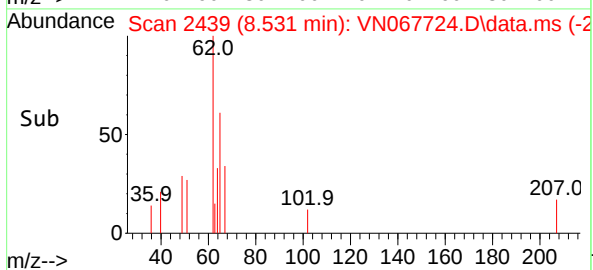
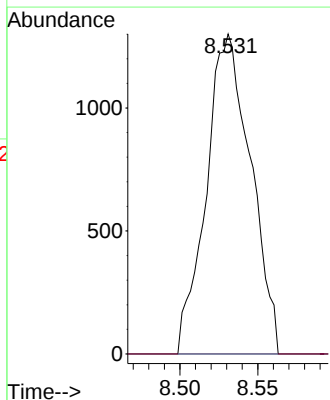
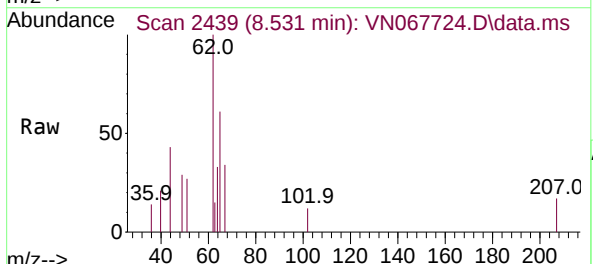
Instrument :
MSVOA_N
ClientSampleId :

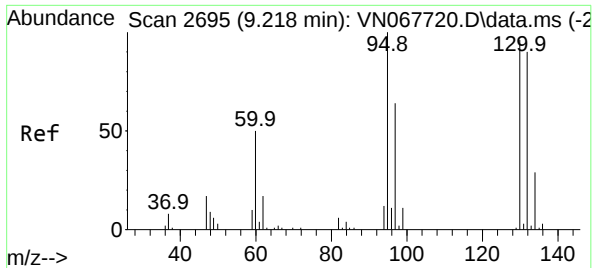
Tgt Ion:	41	Resp:	725
Ion	Ratio	Lower	Upper
41	100		
39	92.8	29.6	88.9#
67	80.0	37.4	112.2
52	45.9	16.4	49.2



#36
1,2-Dichloroethane
Concen: 0.315 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:	62	Resp:	2578
Ion	Ratio	Lower	Upper
62	100		
98	2.0	6.2	9.2#

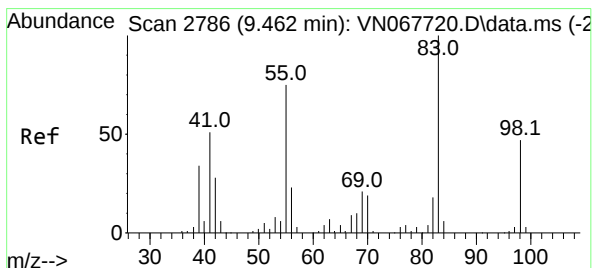
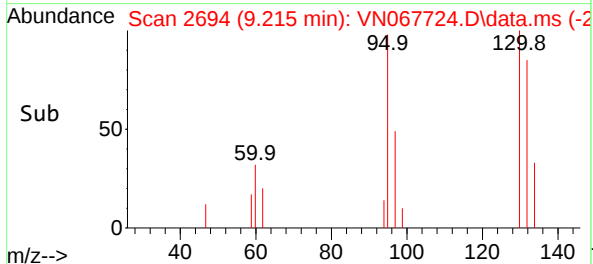
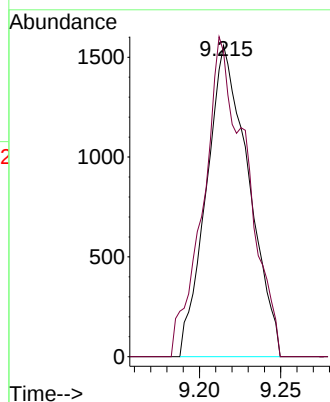
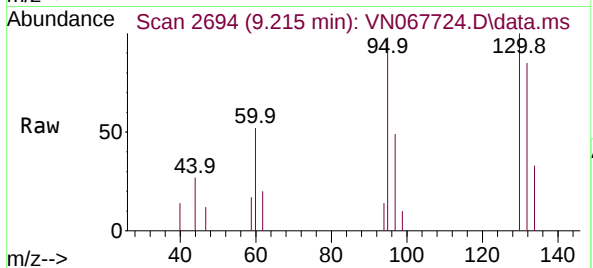




#37
Trichloroethene
Concen: 0.492 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

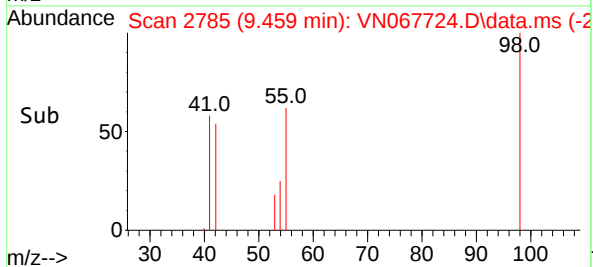
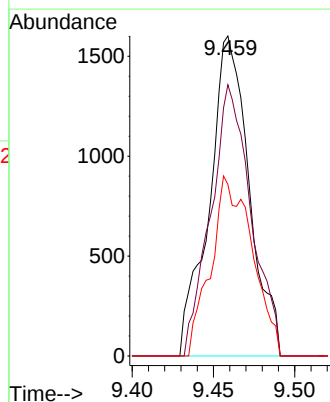
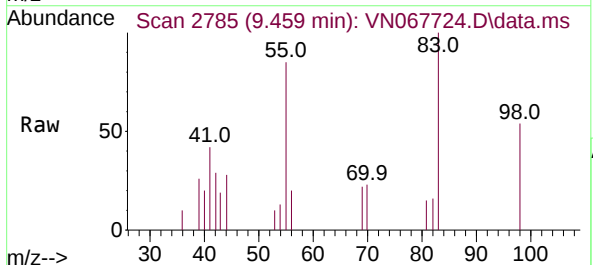
Instrument :
MSVOA_N
ClientSampled :

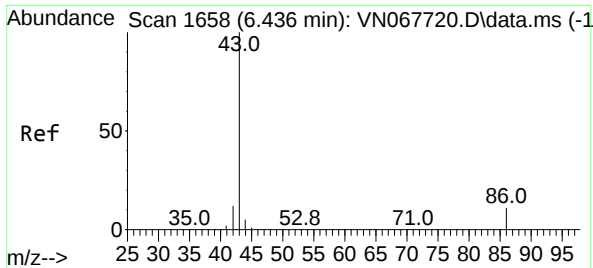
Tgt Ion:130 Resp: 2810
Ion Ratio Lower Upper
130 100
95 97.9 83.2 124.8



#38
Methylcyclohexane
Concen: 0.337 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 83 Resp: 2746
Ion Ratio Lower Upper
83 100
55 85.4 37.4 112.2
98 35.2 23.5 70.6

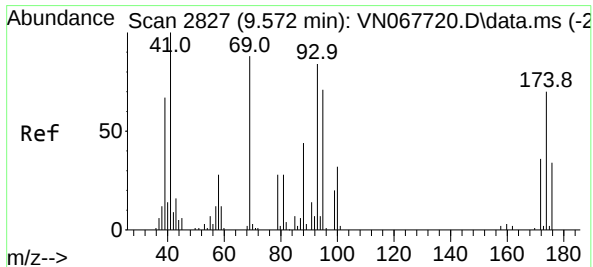
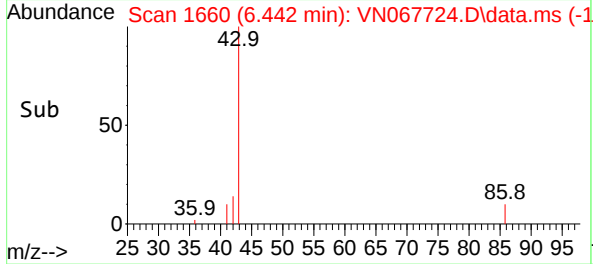
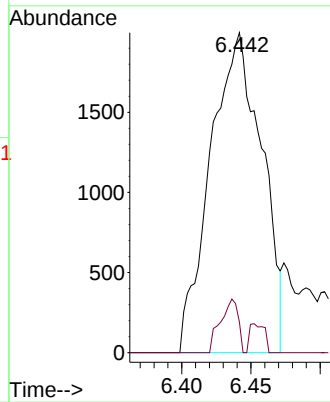
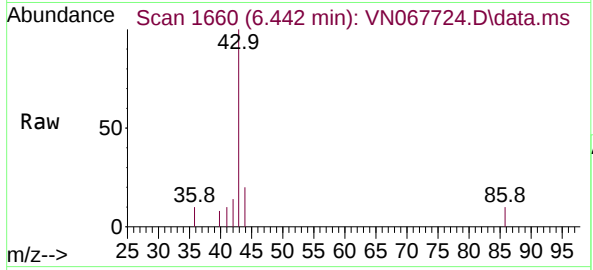




#42
 Vinyl Acetate
 Concen: 0.380 ug/l
 RT: 6.442 min Scan# 1660
 Delta R.T. 0.005 min
 Lab File: VN067724.D
 Acq: 13 Jul 2021 18:12

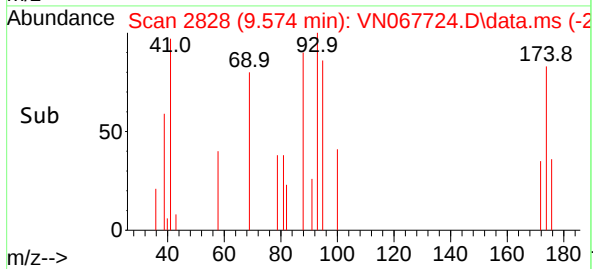
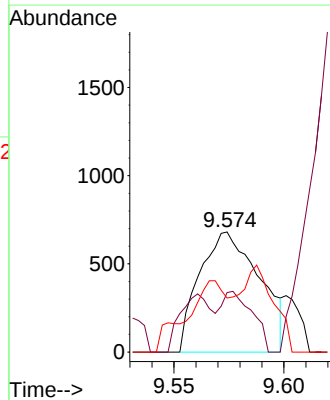
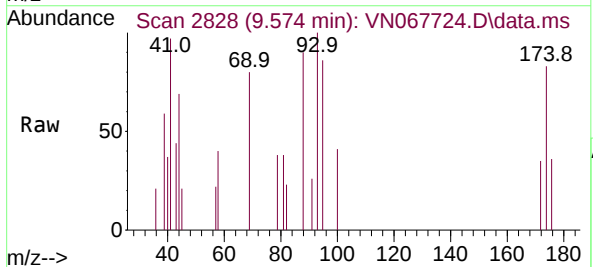
Instrument :
 MSVOA_N
 ClientSampled :

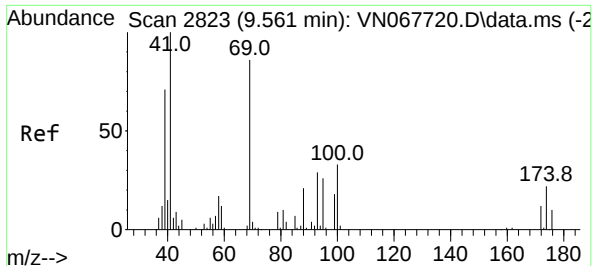
Tgt Ion: 43 Resp: 5139
 Ion Ratio Lower Upper
 43 100
 86 5.8 8.2 12.2#



#45
 1,4-Dioxane
 Concen: 13.699 ug/l
 RT: 9.574 min Scan# 2828
 Delta R.T. 0.003 min
 Lab File: VN067724.D
 Acq: 13 Jul 2021 18:12

Tgt Ion: 88 Resp: 1296
 Ion Ratio Lower Upper
 88 100
 43 26.1 26.9 40.3#
 58 34.0 52.2 78.4#

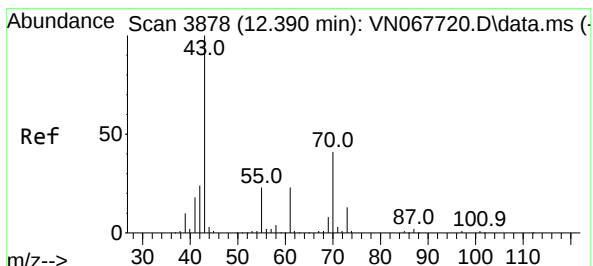
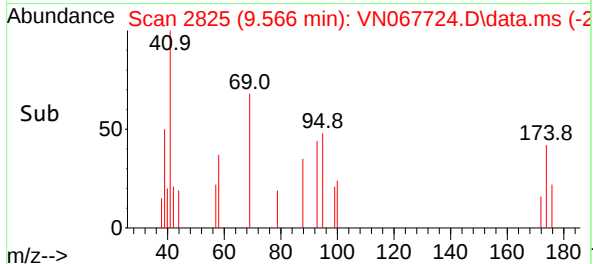
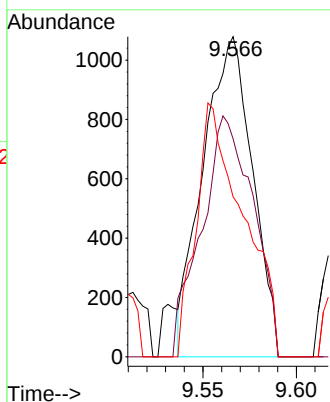
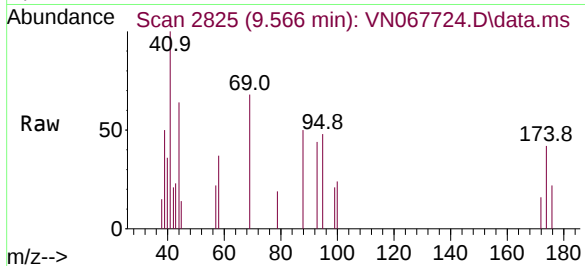




#46
Methyl methacrylate
Concen: 0.370 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. 0.005 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

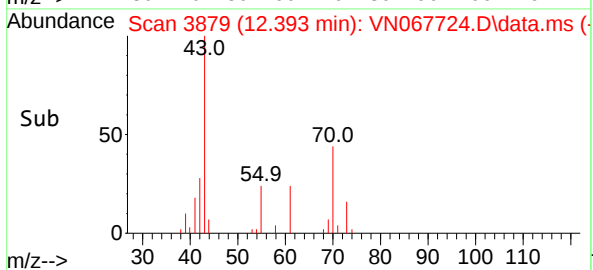
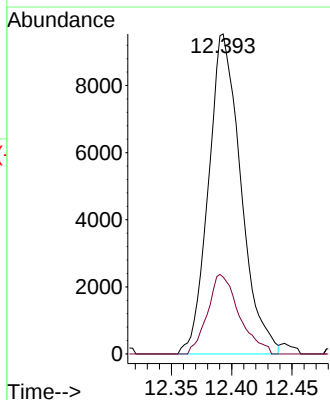
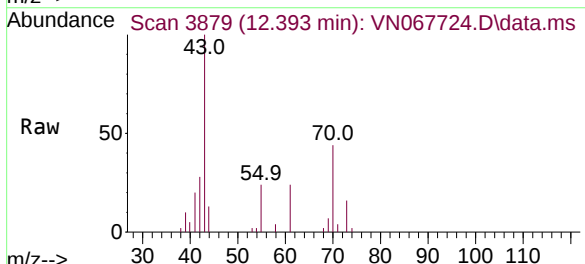
Instrument :
MSVOA_N
ClientSampled :

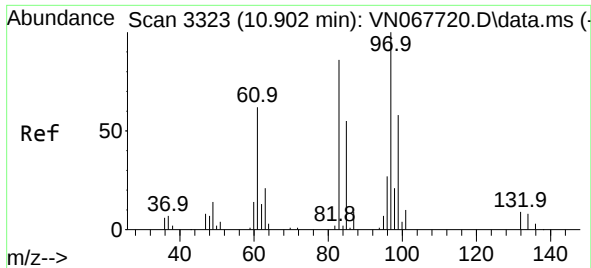
Tgt Ion: 41 Resp: 1994
Ion Ratio Lower Upper
41 100
69 68.1 43.0 128.8
39 50.0 35.5 106.7



#47
n-amy1 Acetate
Concen: 1.737 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 43 Resp: 17811
Ion Ratio Lower Upper
43 100
55 24.3 19.0 28.6

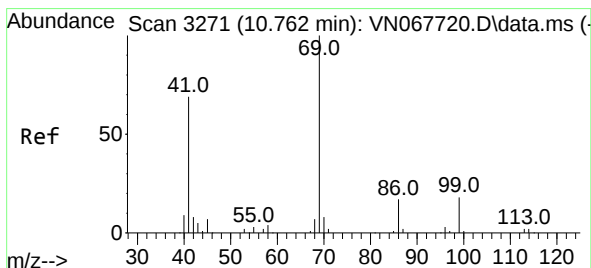
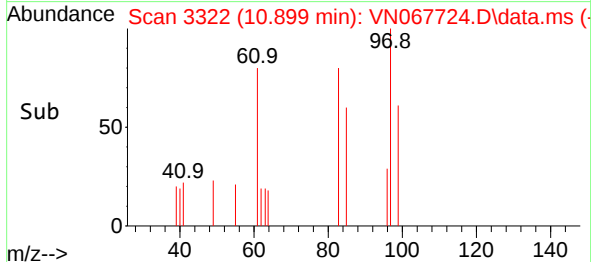
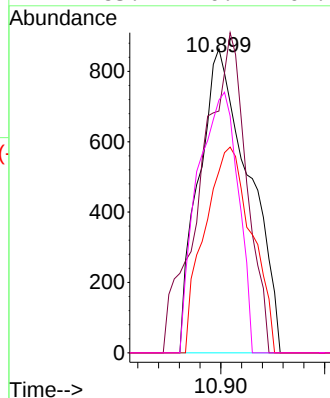
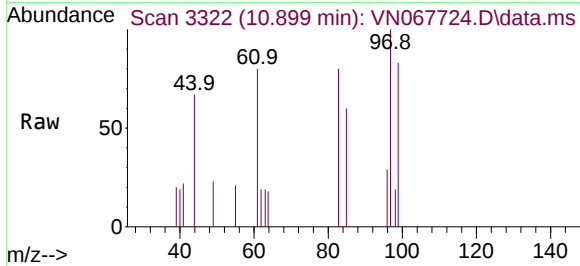




#50
1,1,2-Trichloroethane
Concen: 0.251 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

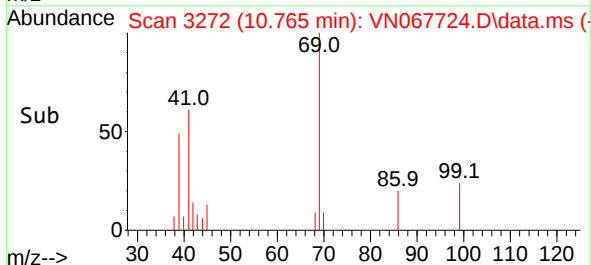
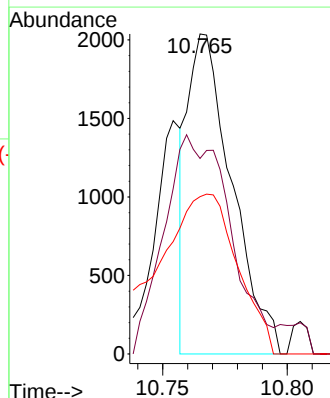
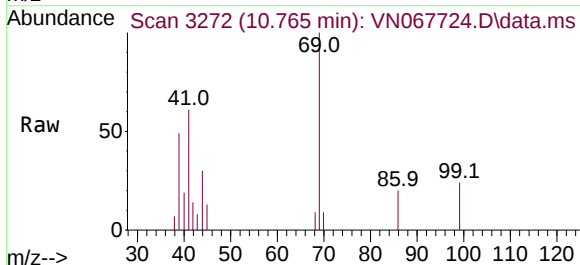
Instrument :
MSVOA_N
ClientSampleId :

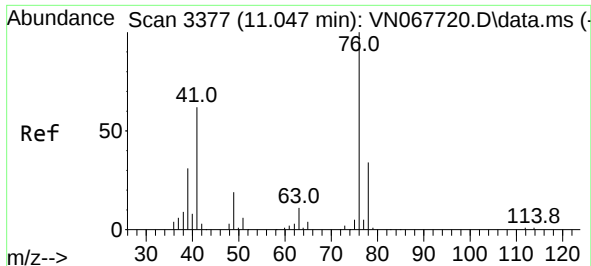
Tgt Ion:	97	Resp:	1444
Ion	Ratio	Lower	Upper
97	100		
83	79.5	69.0	103.4
85	59.6	43.8	65.8
99	83.1	46.2	69.4#



#51
Ethyl methacrylate
Concen: 0.281 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:	69	Resp:	2513
Ion	Ratio	Lower	Upper
69	100		
41	51.9	34.3	102.9
39	49.2	23.7	71.1

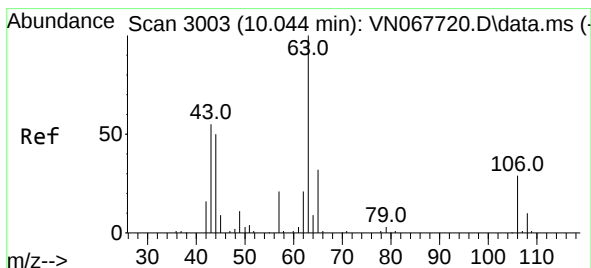
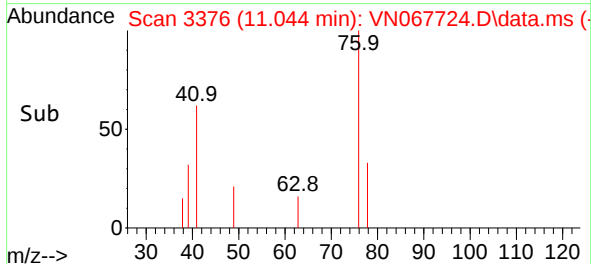
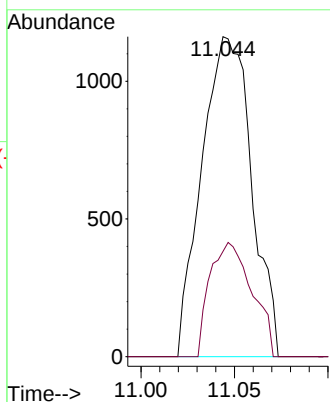
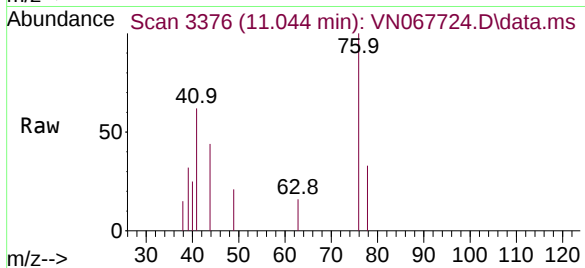




#52
1,3-Dichloropropane
Concen: 0.226 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

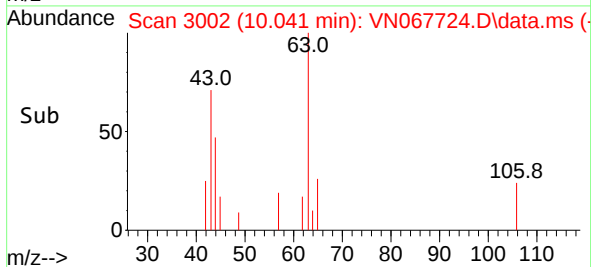
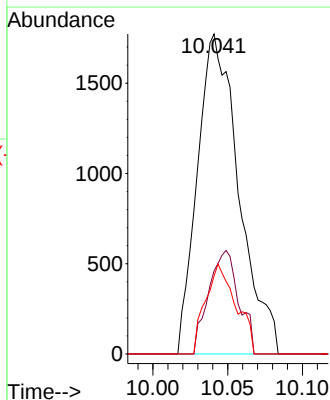
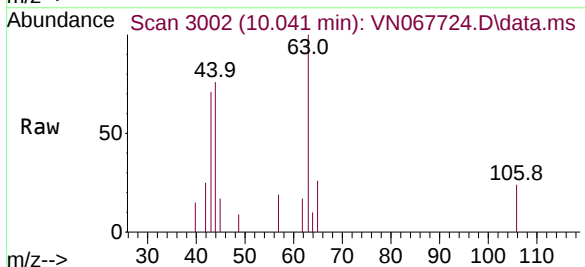
Instrument :
MSVOA_N
ClientSampleId :

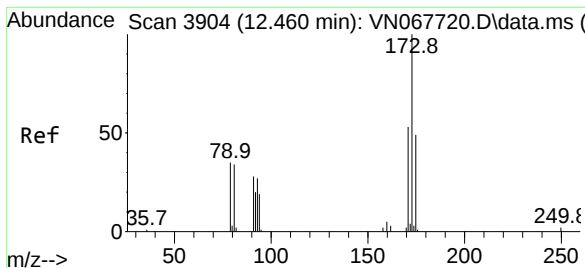
Tgt Ion: 76 Resp: 2151
Ion Ratio Lower Upper
76 100
78 30.2 0.0 67.0



#55
2-Chloroethyl vinyl ether
Concen: 1.976 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 63 Resp: 3417
Ion Ratio Lower Upper
63 100
65 21.5 25.5 38.3#
106 17.6 22.1 33.1#

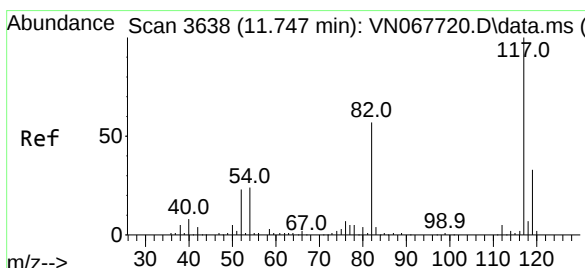
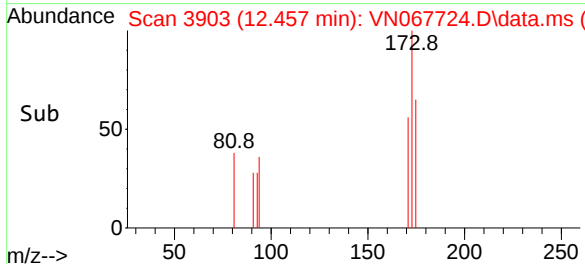
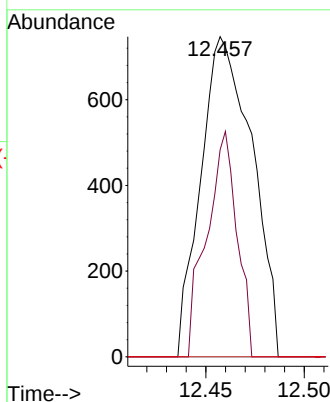
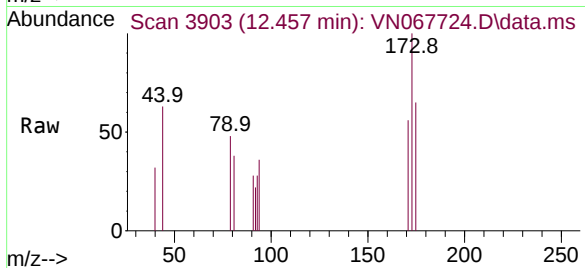




#56
Bromoform
Concen: 0.321 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

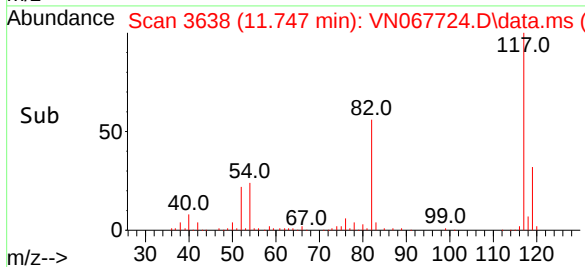
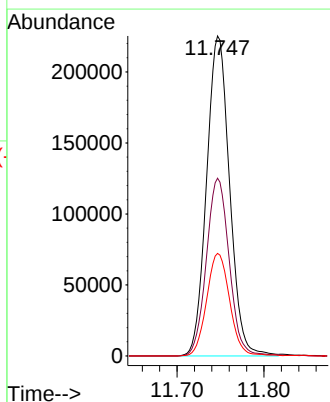
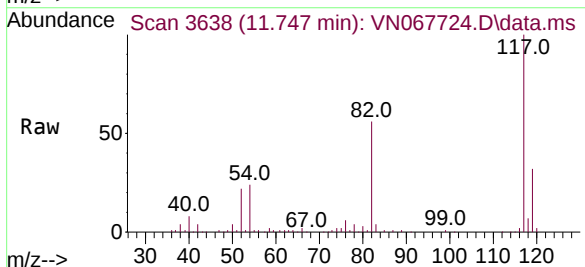
Instrument :
MSVOA_N
ClientSampleId :

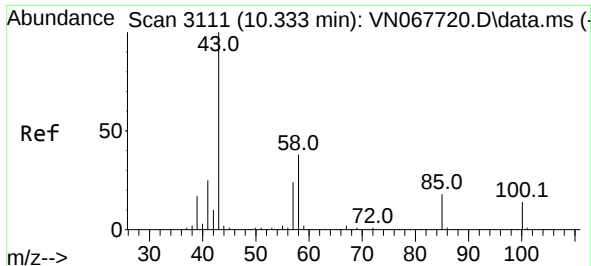
Tgt Ion:173 Resp: 1354
Ion Ratio Lower Upper
173 100
175 41.6 38.5 57.7
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:117 Resp: 414674
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 32.0 25.7 38.5

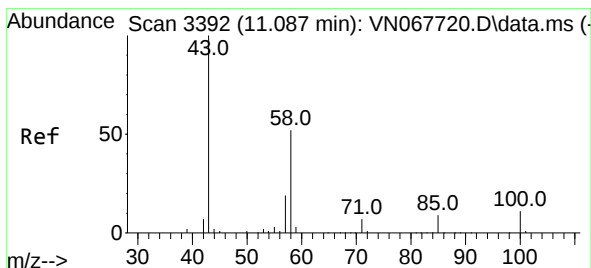
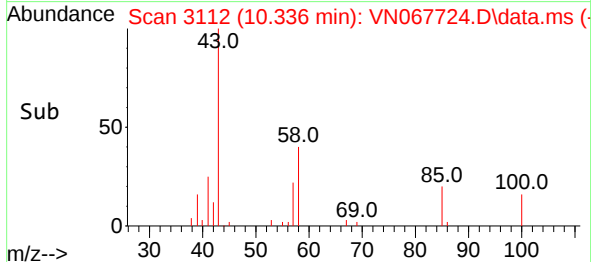
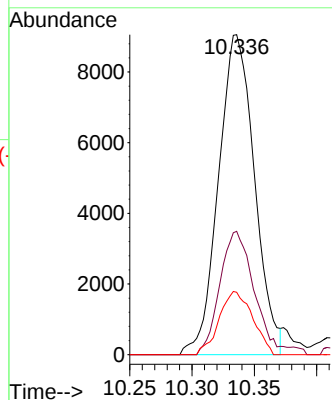
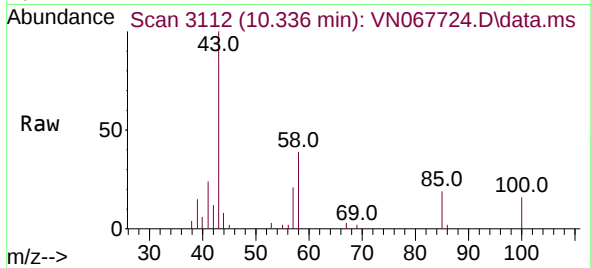




#58
4-Methyl-2-Pentanone
Concen: 2.560 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

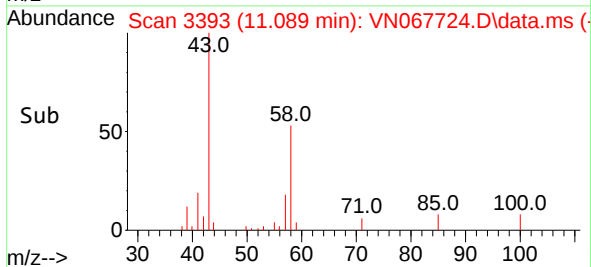
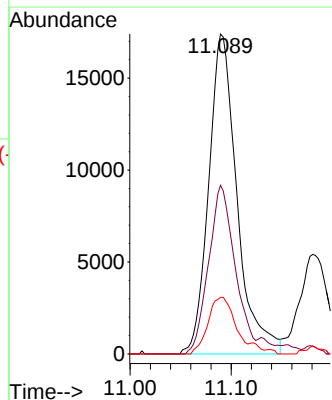
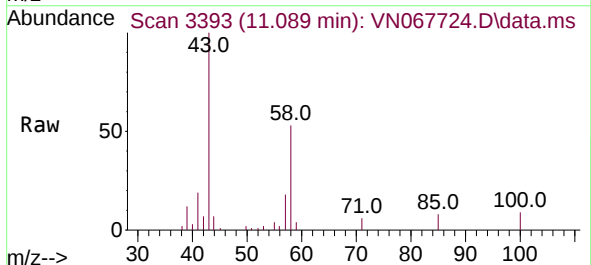
Instrument :
MSVOA_N
ClientSampled :

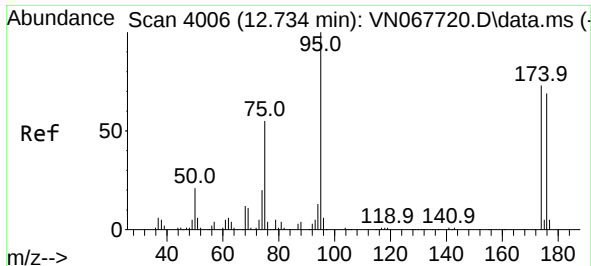
Tgt Ion: 43 Resp: 18226
Ion Ratio Lower Upper
43 100
58 35.9 29.9 44.9
85 18.4 14.1 21.1



#59
2-Hexanone
Concen: 6.789 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 43 Resp: 33894
Ion Ratio Lower Upper
43 100
58 49.2 41.5 62.3
57 16.6 15.1 22.7

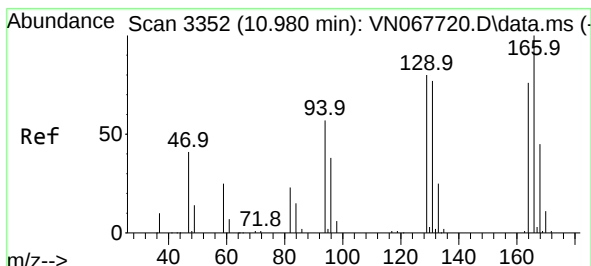
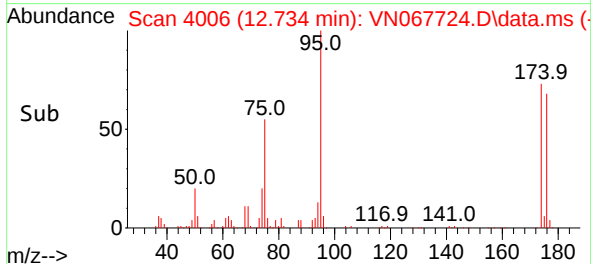
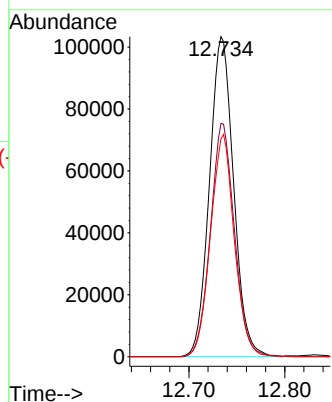
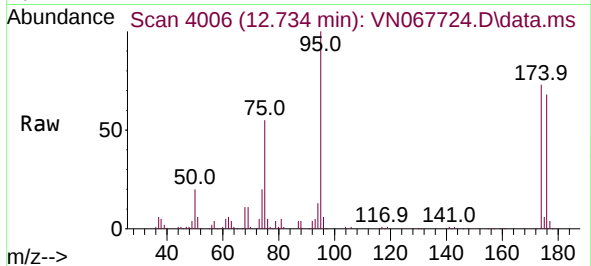




#60
4-Bromofluorobenzene
Concen: 26.815 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

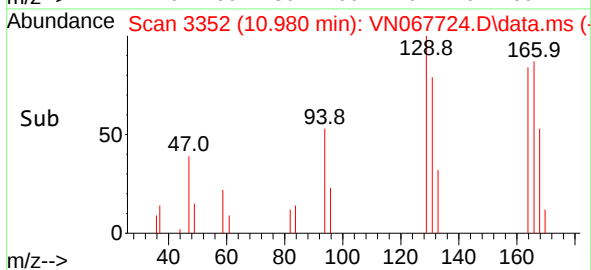
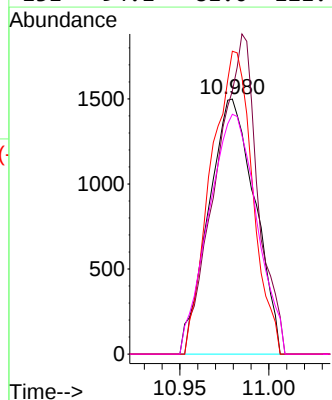
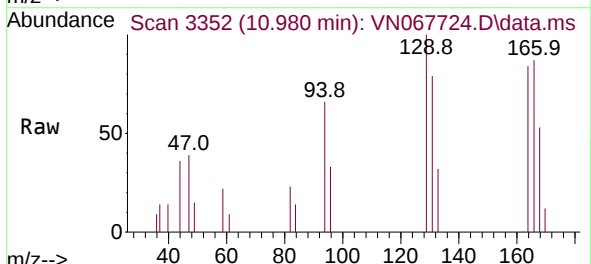
Instrument :
MSVOA_N
ClientSampleId :

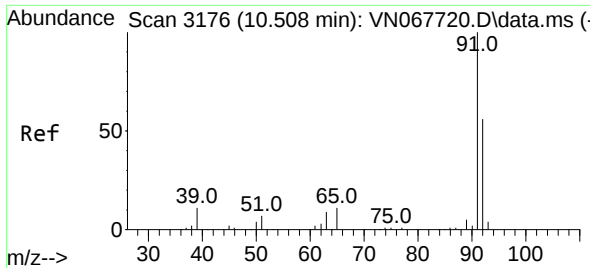
Tgt Ion: 95 Resp: 180581
Ion Ratio Lower Upper
95 100
174 72.5 57.1 85.7
176 68.6 54.6 81.8



#61
Tetrachloroethene
Concen: 0.532 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:164 Resp: 2712
Ion Ratio Lower Upper
164 100
166 103.2 105.5 158.3#
129 118.7 84.5 126.7
131 94.1 81.0 121.4

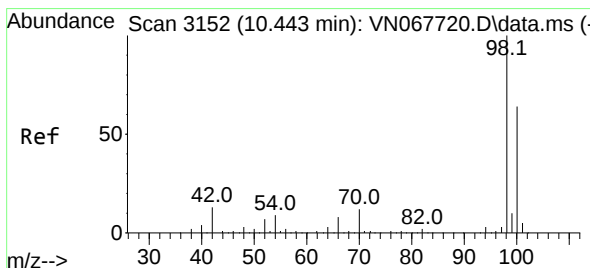
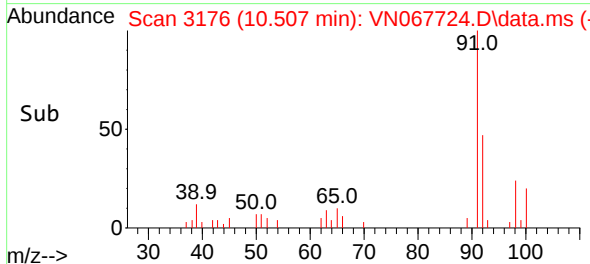
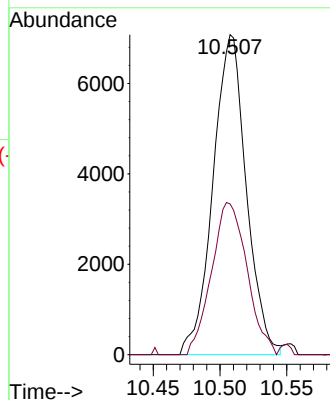
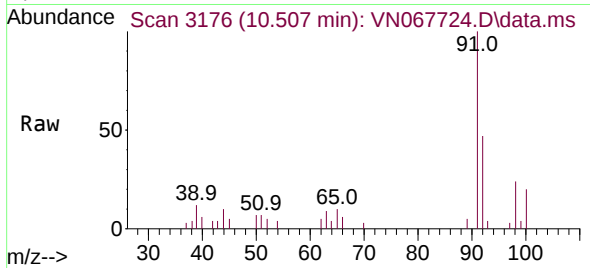




#62
Toluene
Concen: 0.504 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

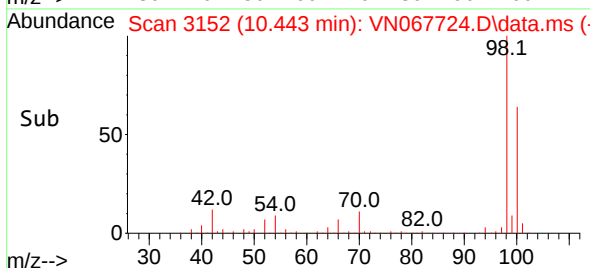
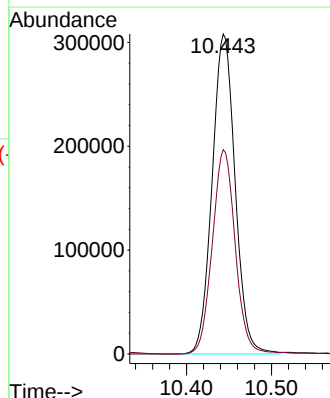
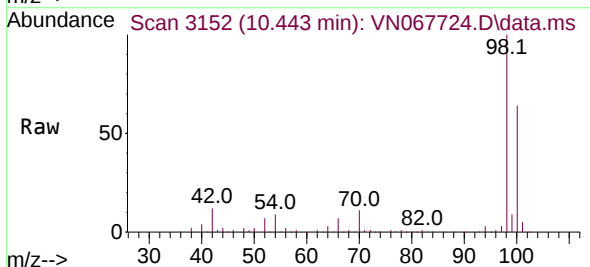
Instrument :
MSVOA_N
ClientSampled :

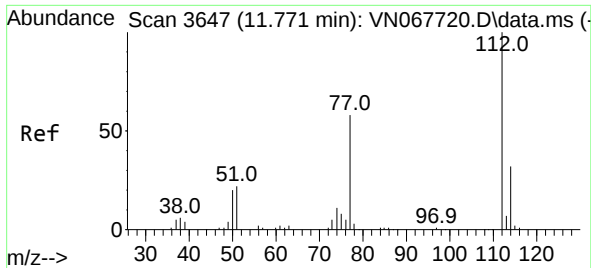
Tgt Ion: 91 Resp: 12290
Ion Ratio Lower Upper
91 100
92 50.6 44.8 67.2



#63
Toluene-d8
Concen: 30.388 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 98 Resp: 579581
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.4

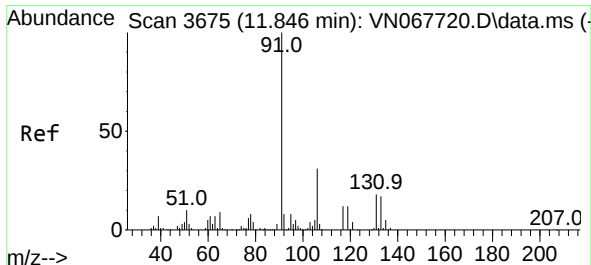
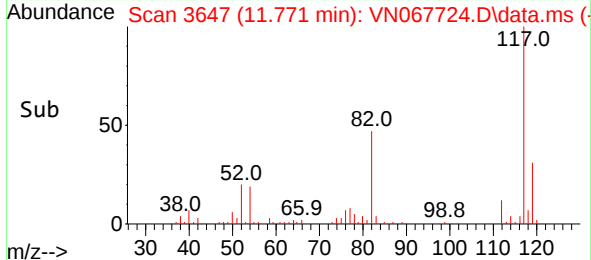
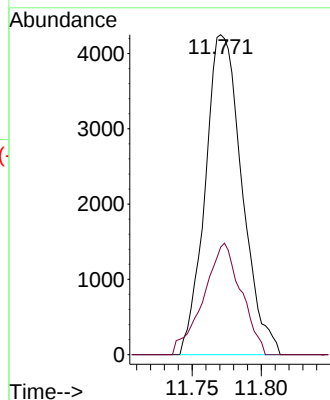
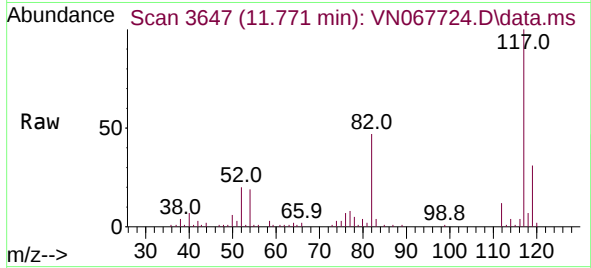




#64
Chlorobenzene
Concen: 0.538 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

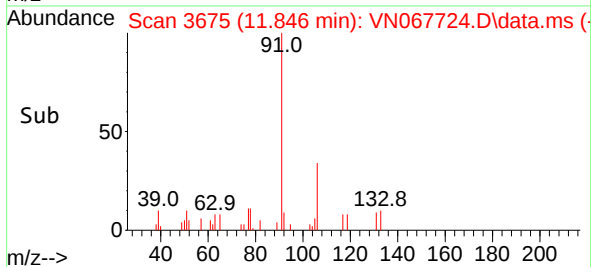
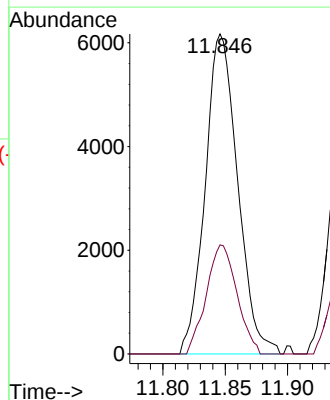
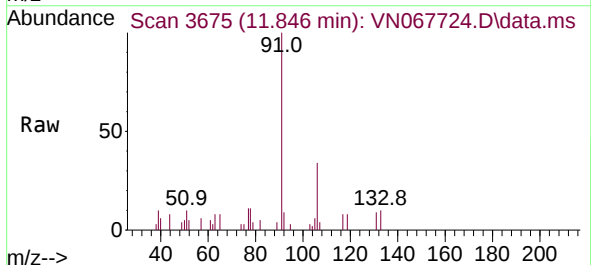
Instrument :
MSVOA_N
ClientSampled :

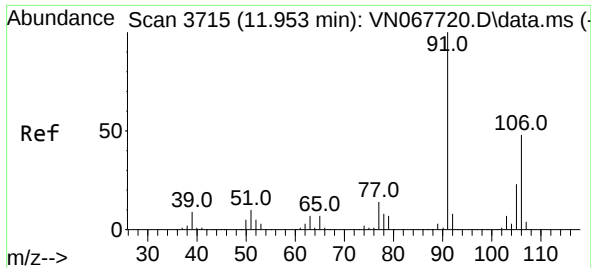
Tgt Ion:112 Resp: 7853
Ion Ratio Lower Upper
112 100
114 33.6 25.2 37.8



#66
Ethyl Benzene
Concen: 0.414 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 91 Resp: 11171
Ion Ratio Lower Upper
91 100
106 34.1 24.6 37.0

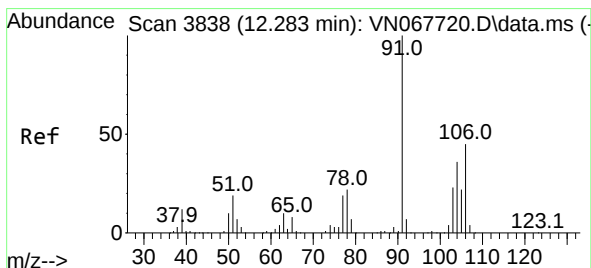
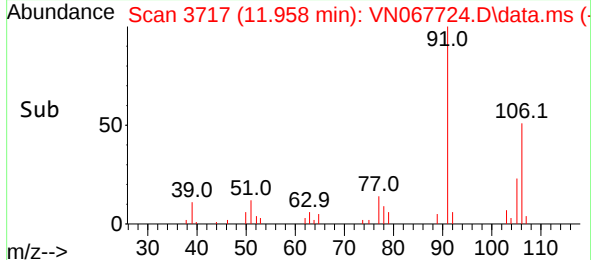
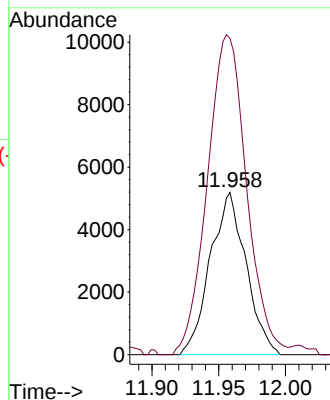
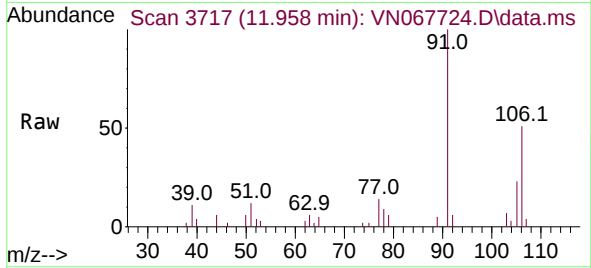




#67
m/p-Xylenes
Concen: 0.940 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.005 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

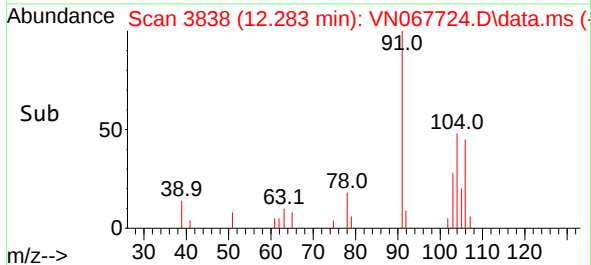
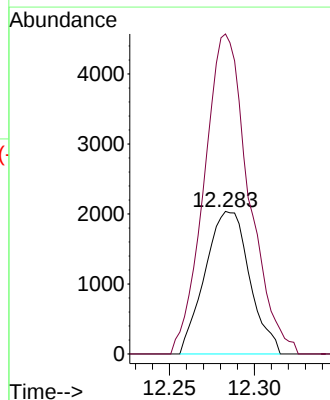
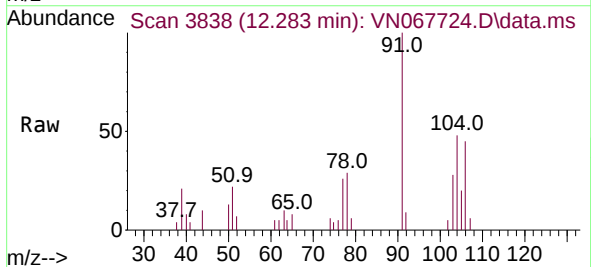
Instrument :
MSVOA_N
ClientSampleId :

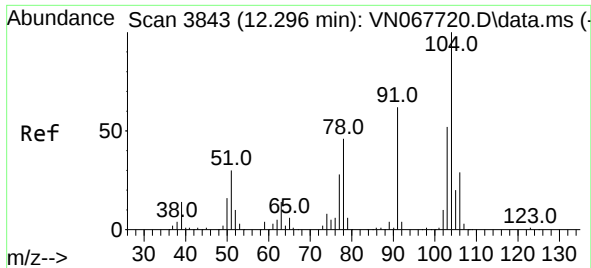
Tgt Ion:106 Resp: 9678
Ion Ratio Lower Upper
106 100
91 215.9 166.6 250.0



#68
o-Xylene
Concen: 0.365 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:106 Resp: 3711
Ion Ratio Lower Upper
106 100
91 225.5 109.6 328.8

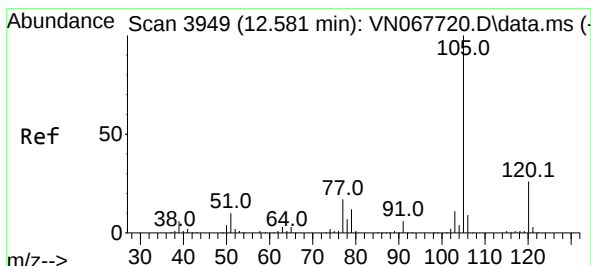
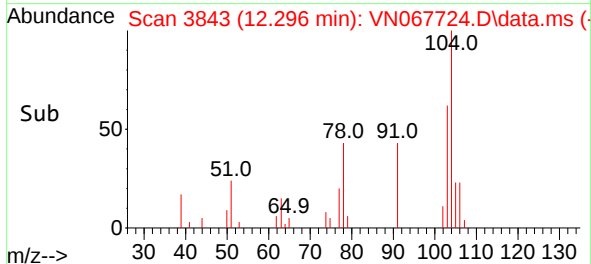
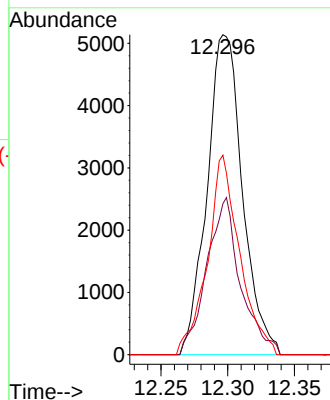
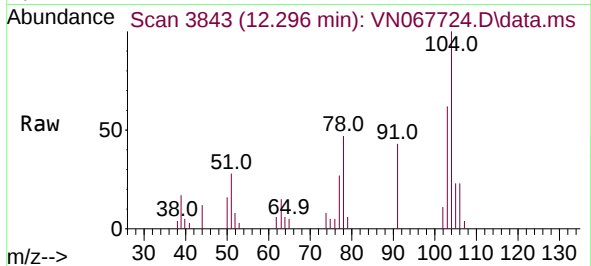




#69
Styrene
Concen: 0.565 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

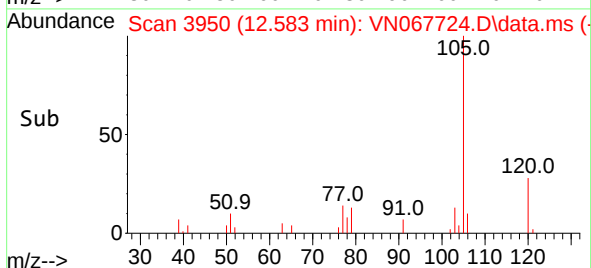
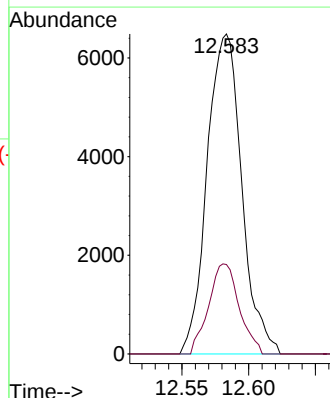
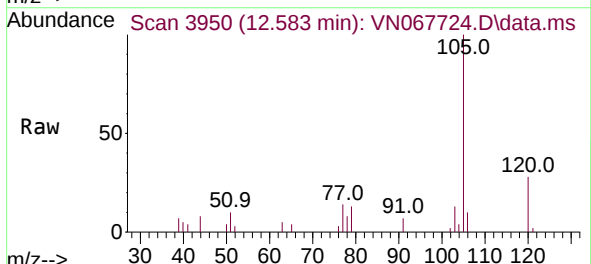
Instrument :
MSVOA_N
ClientSampled :

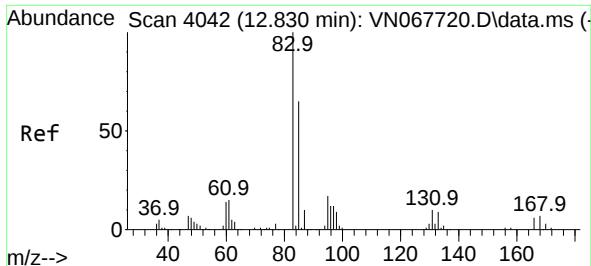
Tgt Ion:	104	Resp:	9493
Ion Ratio	Lower	Upper	
104	100		
78	45.7	40.8	61.2
103	56.6	44.9	67.3



#70
Isopropylbenzene
Concen: 0.446 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:	105	Resp:	11694
Ion Ratio	Lower	Upper	
105	100		
120	24.9	17.9	33.3

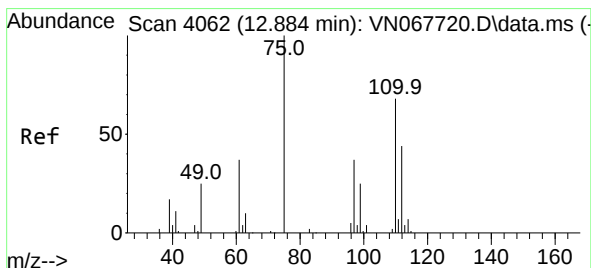
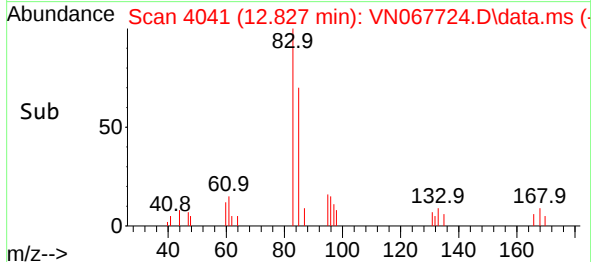
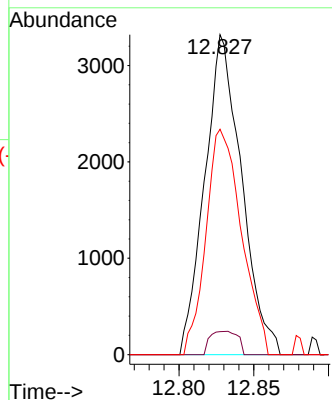
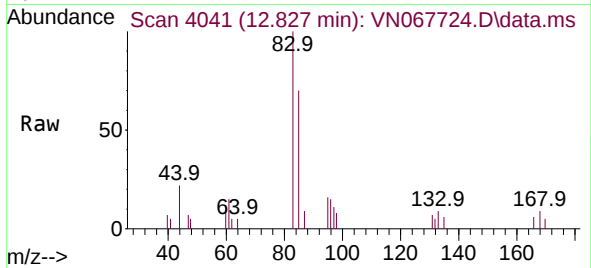




#71
1,1,2,2-Tetrachloroethane
Concen: 0.762 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

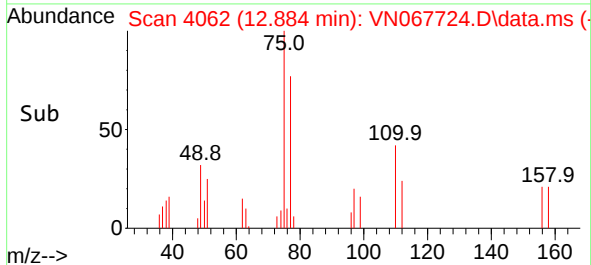
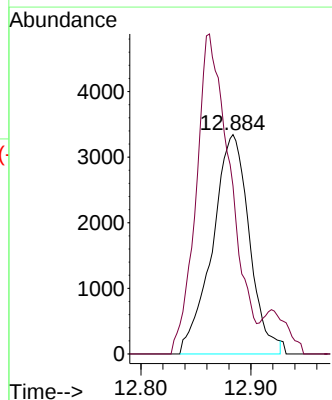
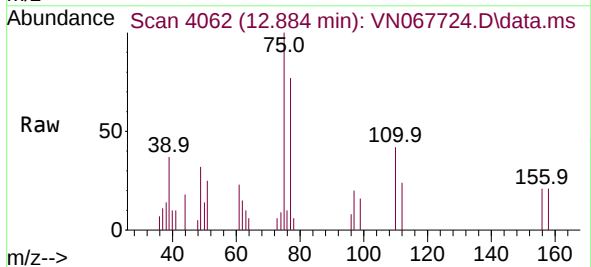
Instrument :
MSVOA_N
ClientSampleId :

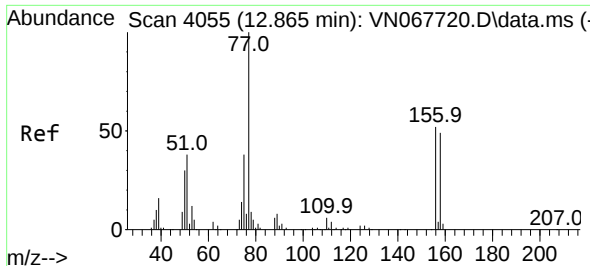
Tgt Ion: 83 Resp: 5676
Ion Ratio Lower Upper
83 100
131 5.5 5.2 15.6
85 68.0 32.0 96.0



#72
1,2,3-Trichloropropane
Concen: 1.258 ug/l
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 75 Resp: 7789
Ion Ratio Lower Upper
75 100
77 135.3 0.0 365.2

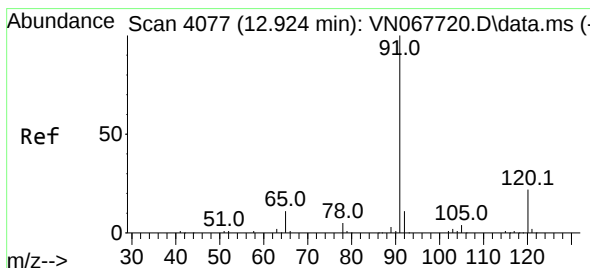
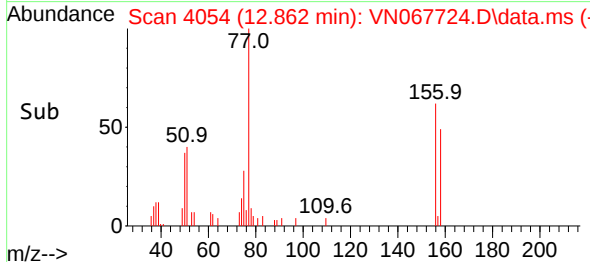
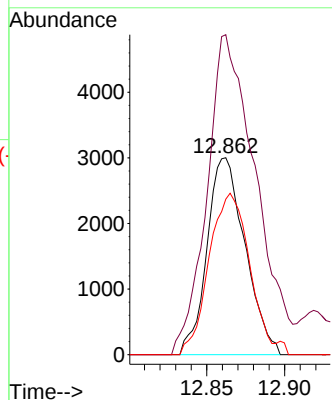
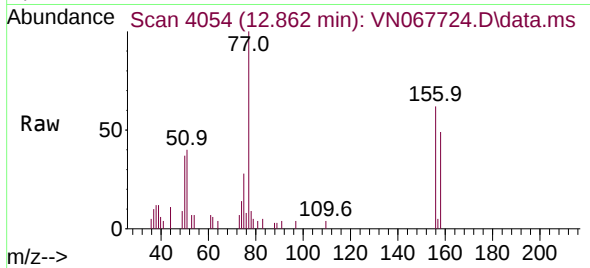




#73
Bromobenzene
Concen: 0.847 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

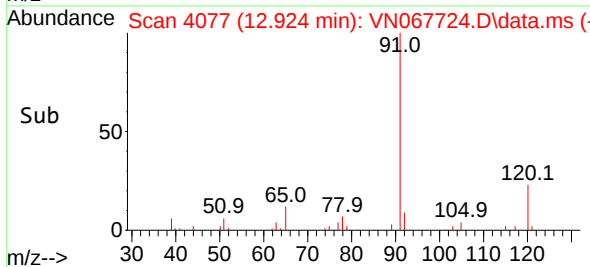
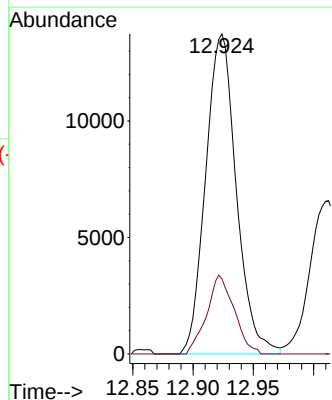
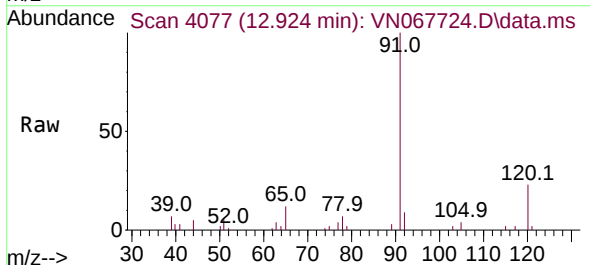
Instrument :
MSVOA_N
ClientSampled :

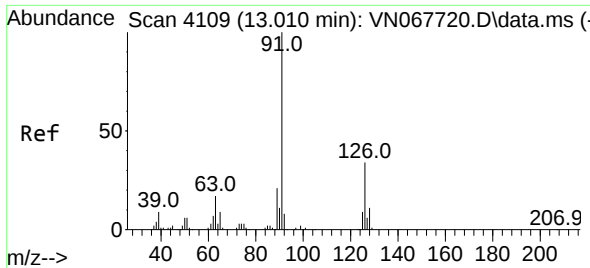
Tgt Ion:156 Resp: 5103
Ion Ratio Lower Upper
156 100
77 206.5 0.0 436.4
158 86.3 0.0 191.4



#74
n-propylbenzene
Concen: 0.810 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 91 Resp: 24329
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.2

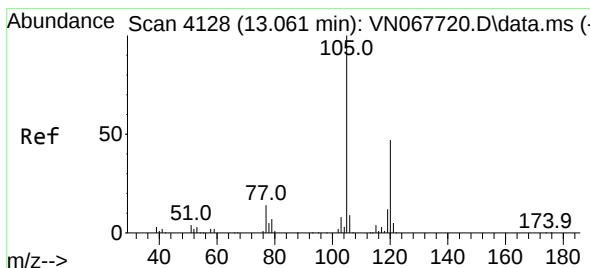
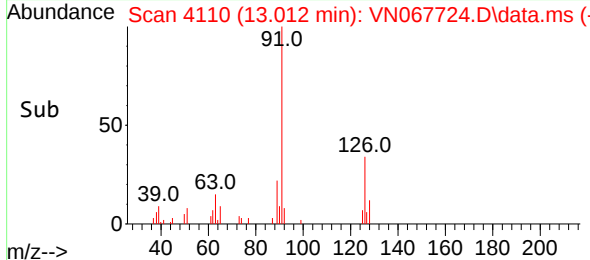
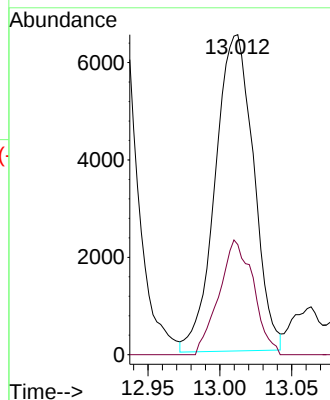
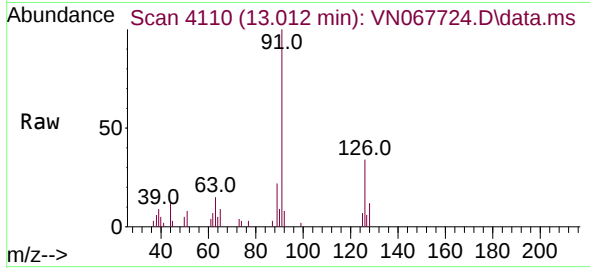




#75
2-Chlorotoluene
Concen: 0.668 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

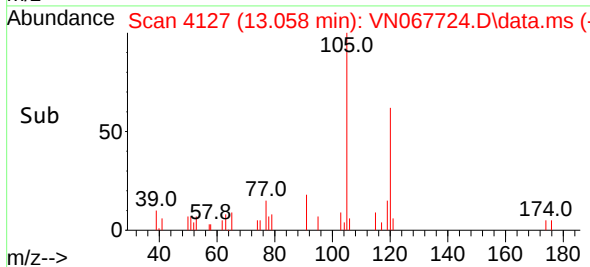
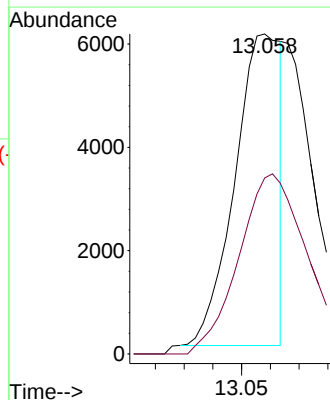
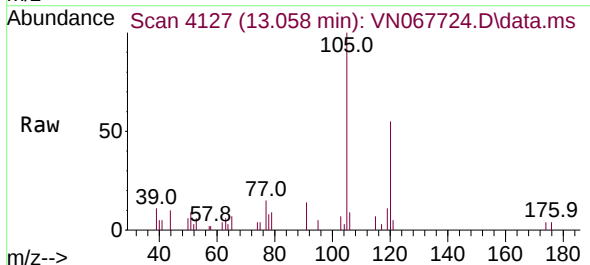
Instrument :
MSVOA_N
ClientSampled :

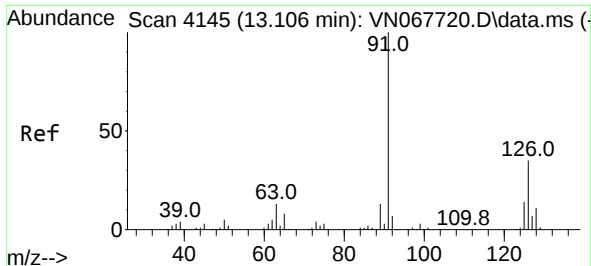
Tgt Ion: 91 Resp: 12044
Ion Ratio Lower Upper
91 100
126 32.5 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 0.309 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:105 Resp: 6674
Ion Ratio Lower Upper
105 100
120 86.6 0.0 96.2

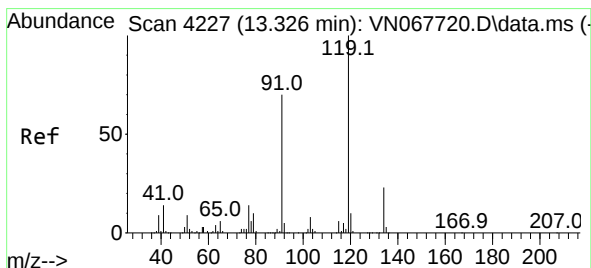
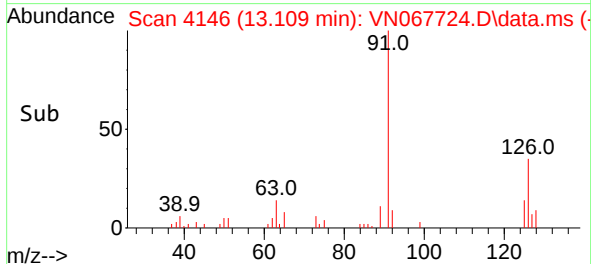
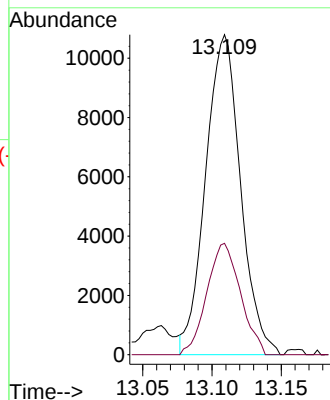
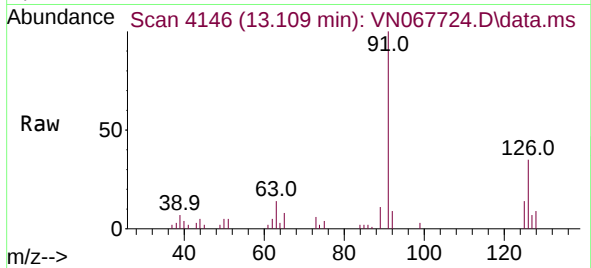




#78
4-Chlorotoluene
Concen: 1.053 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

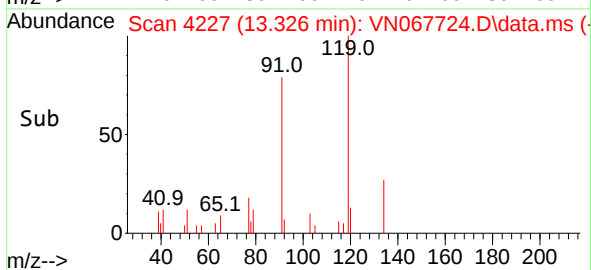
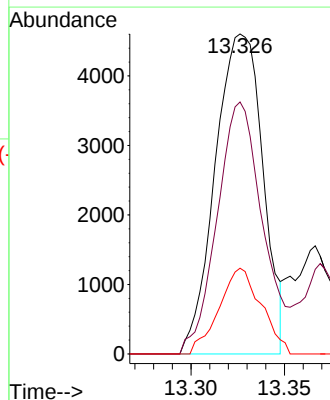
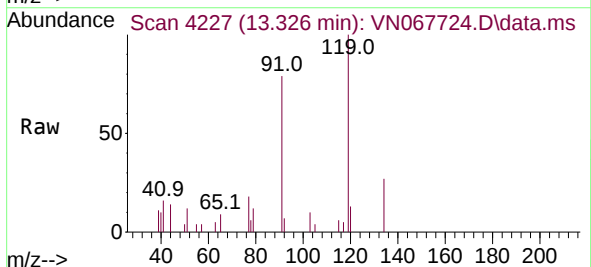
Instrument :
MSVOA_N
ClientSampled :

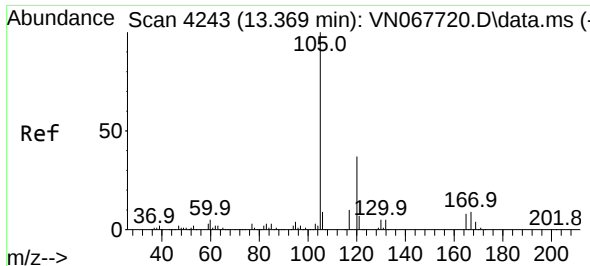
Tgt Ion: 91 Resp: 18933
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.4



#79
tert-butylbenzene
Concen: 0.441 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion: 119 Resp: 8179
Ion Ratio Lower Upper
119 100
91 75.5 0.0 137.2
134 23.7 0.0 50.2

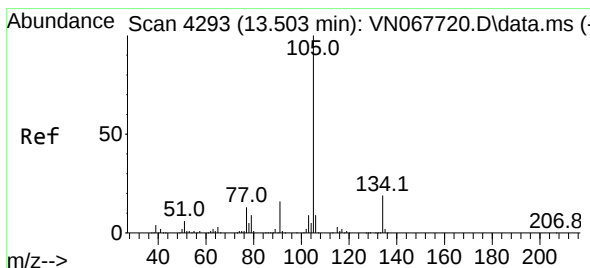
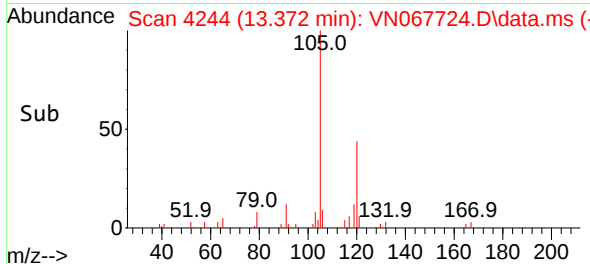
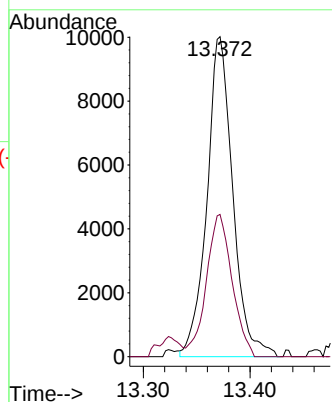
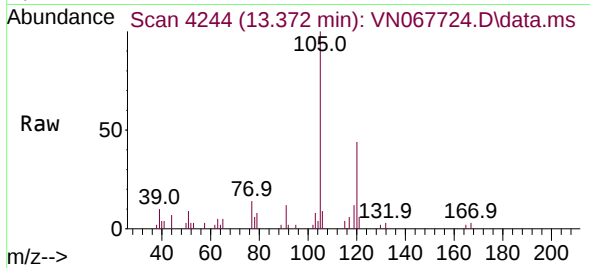




#80
1,2,4-Trimethylbenzene
Concen: 0.786 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

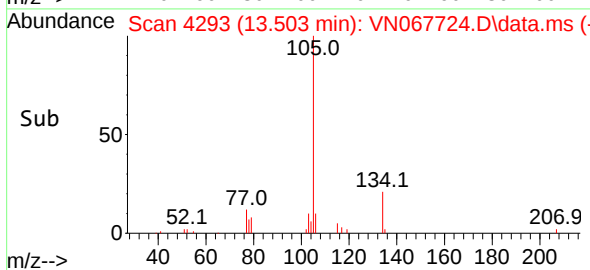
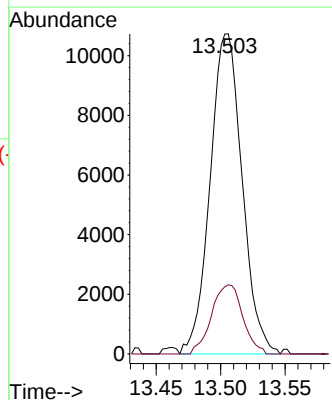
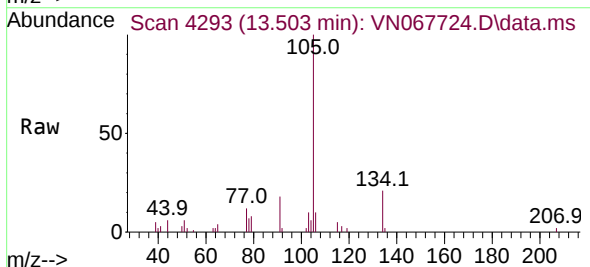
Instrument :
MSVOA_N
ClientSampleId :

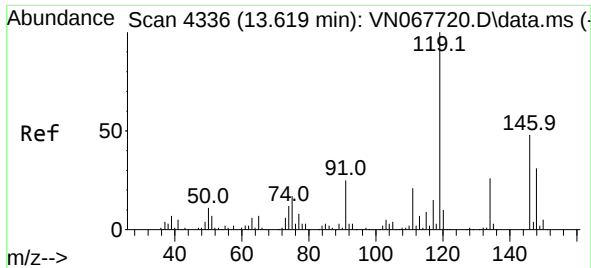
Tgt Ion:105 Resp: 16862
Ion Ratio Lower Upper
105 100
120 44.2 0.0 0.2#



#81
sec-Butylbenzene
Concen: 0.722 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:105 Resp: 18560
Ion Ratio Lower Upper
105 100
134 21.0 0.0 38.4

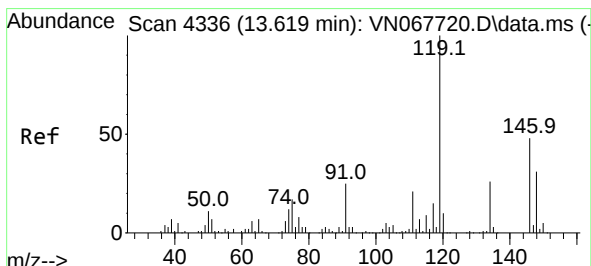
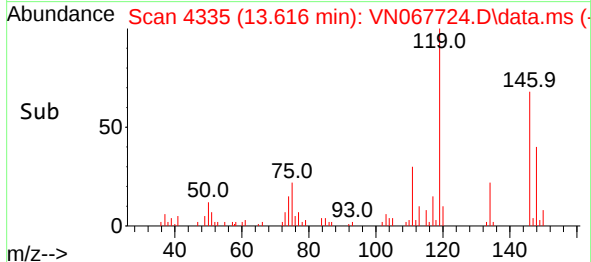
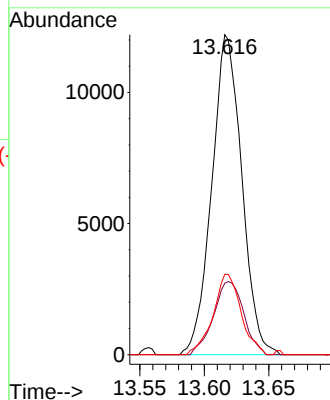
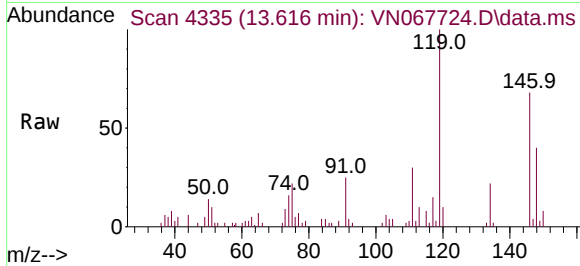




#82
p-Isopropyltoluene
Concen: 0.921 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

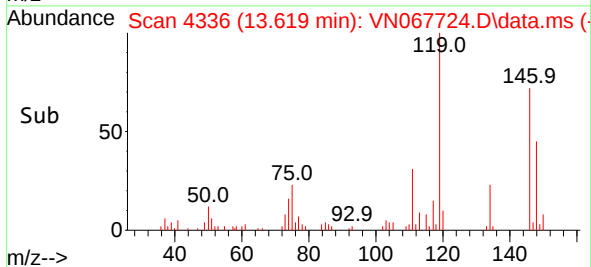
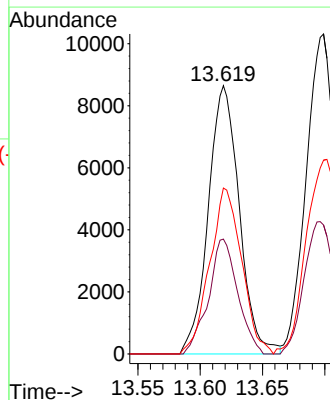
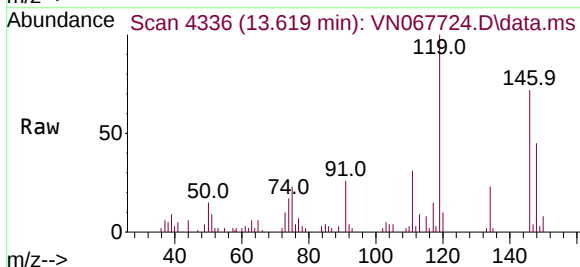
Instrument :
MSVOA_N
ClientSampled :

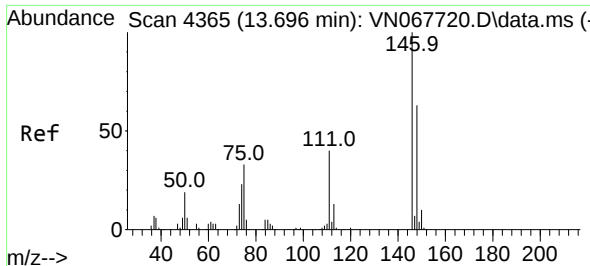
Tgt Ion:	119	Resp:	19712
Ion Ratio	Lower	Upper	
119	100		
134	23.0	0.0	51.0
91	23.5	0.0	50.6



#83
1,3-Dichlorobenzene
Concen: 1.330 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:	146	Resp:	14976
Ion Ratio	Lower	Upper	
146	100		
111	40.4	21.1	63.1
148	63.8	31.9	95.7

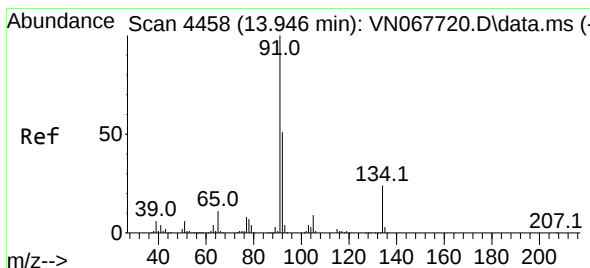
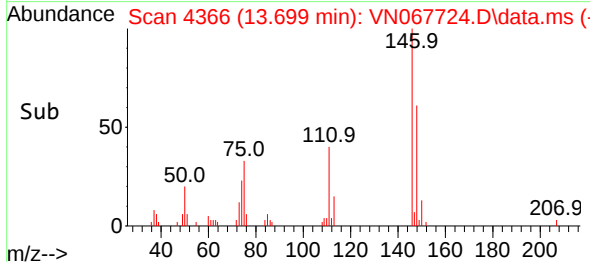
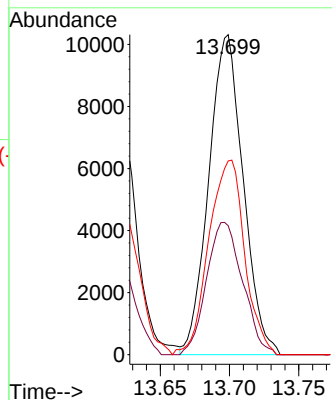
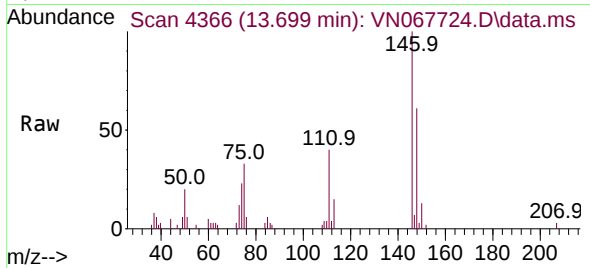




#84
1,4-Dichlorobenzene
Concen: 1.629 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

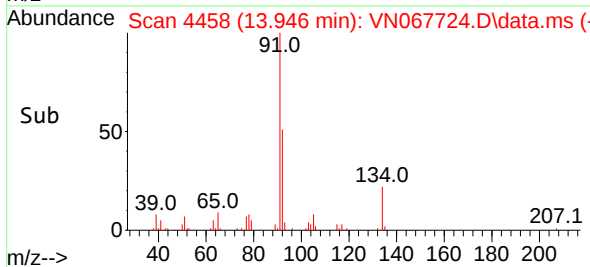
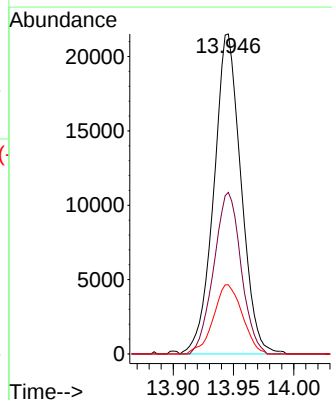
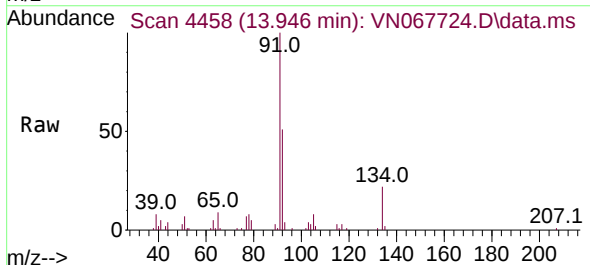
Instrument :
MSVOA_N
ClientSampled :

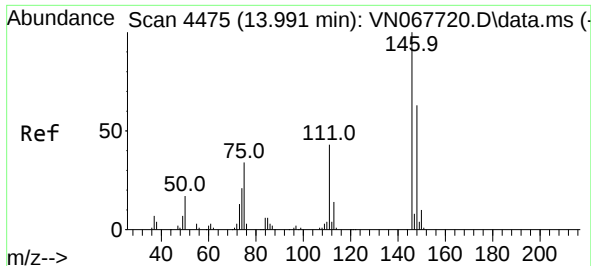
Tgt Ion:	146	Resp:	17861
Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.0	59.9
148	63.2	31.8	95.3



#85
n-Butylbenzene
Concen: 1.904 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:	91	Resp:	33812
Ion	Ratio	Lower	Upper
91	100		
92	50.6	0.0	102.6
134	23.0	0.0	48.6





#87

1,2-Dichlorobenzene

Concen: 1.439 ug/l

RT: 13.991 min Scan# 4475

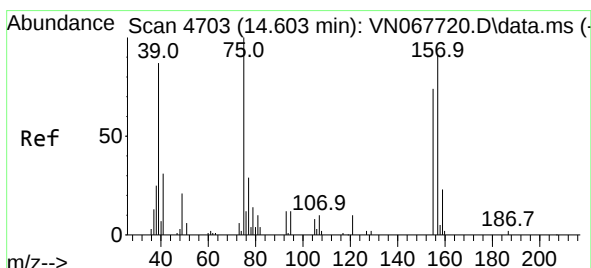
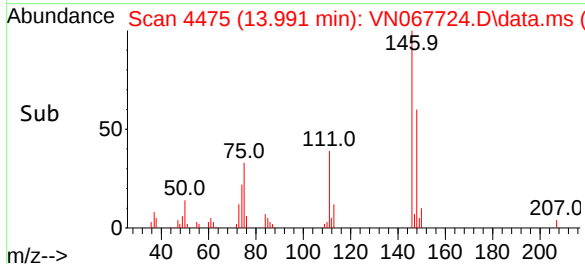
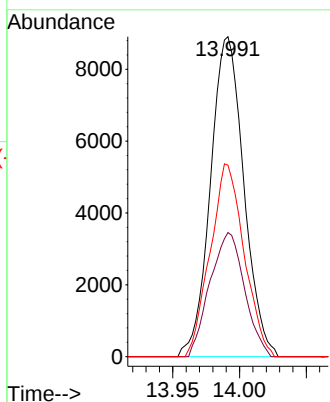
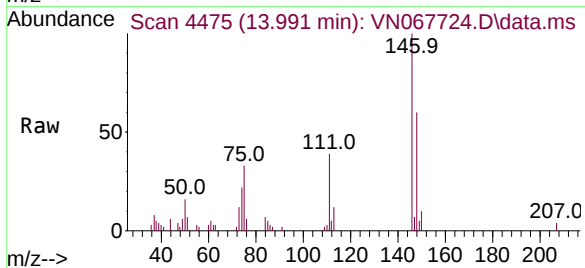
Delta R.T. -0.000 min

Lab File: VN067724.D

Acq: 13 Jul 2021 18:12

Tgt Ion:	146	Resp:	15468
Ion Ratio	Lower	Upper	
146	100		
111	40.1	22.0	66.0
148	61.2	31.7	95.1

Instrument :
MSVOA_N
ClientSampleId :



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.555 ug/l

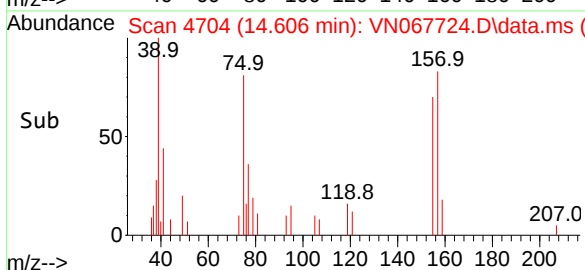
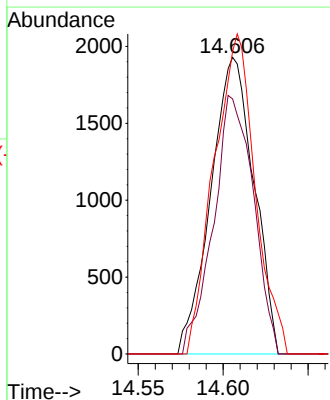
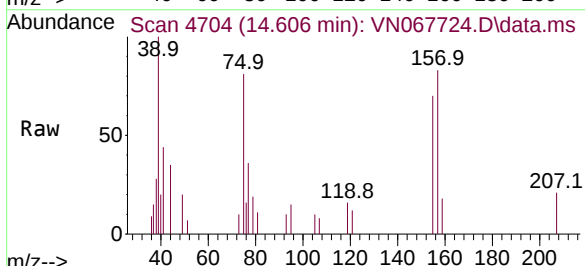
RT: 14.606 min Scan# 4704

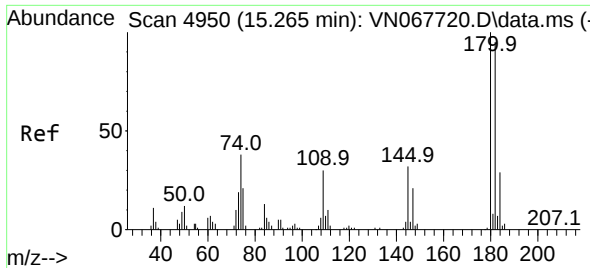
Delta R.T. 0.003 min

Lab File: VN067724.D

Acq: 13 Jul 2021 18:12

Tgt Ion:	75	Resp:	3404
Ion Ratio	Lower	Upper	
75	100		
155	80.8	59.2	88.8
157	102.9	75.4	113.2

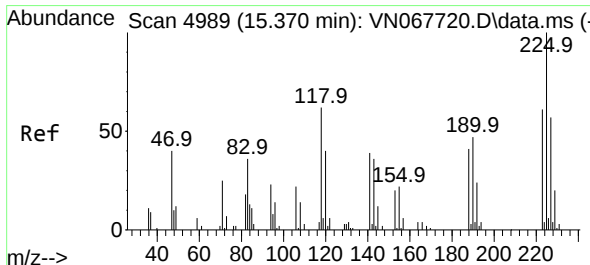
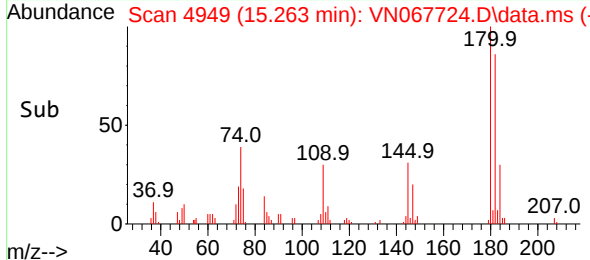
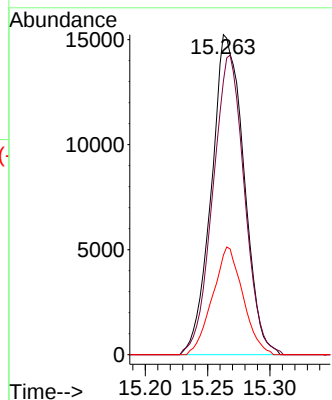
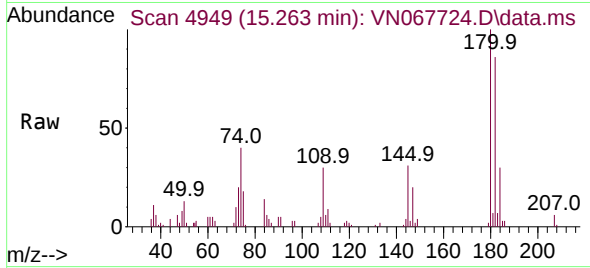




#89
1,2,4-Trichlorobenzene
Concen: 5.623 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

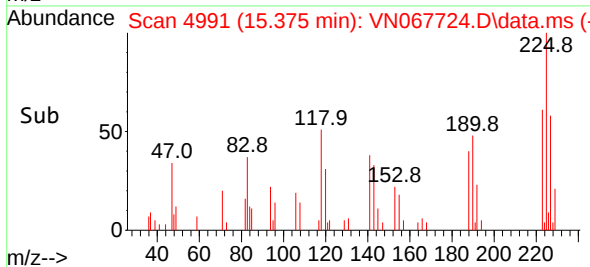
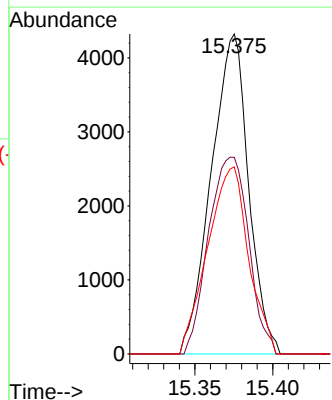
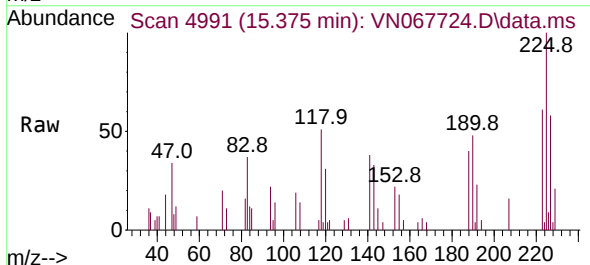
Instrument :
MSVOA_N
ClientSampleId :

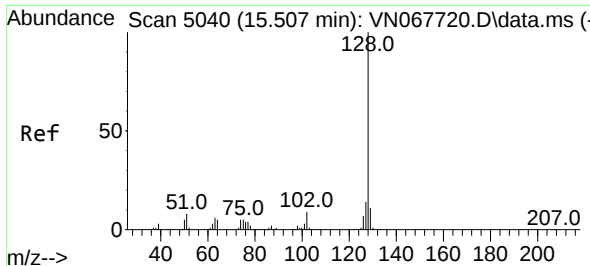
Tgt Ion:180 Resp: 27554
Ion Ratio Lower Upper
180 100
182 91.2 74.5 111.7
145 31.6 25.4 38.0



#90
Hexachlorobutadiene
Concen: 3.061 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:225 Resp: 7210
Ion Ratio Lower Upper
225 100
223 66.1 0.0 124.6
227 64.0 0.0 115.6

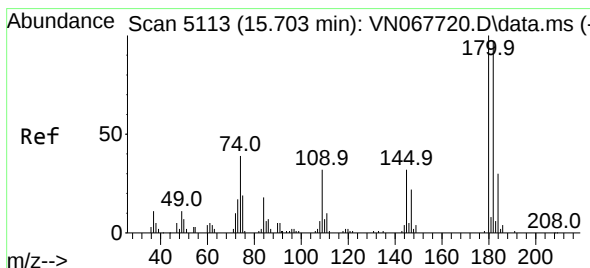
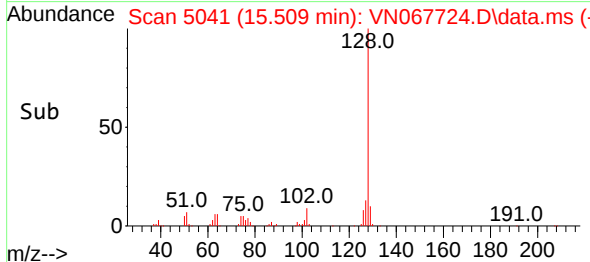
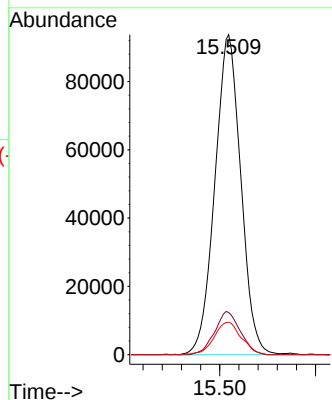
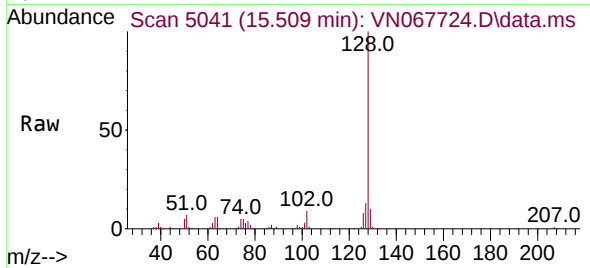




#91
Naphthalene
Concen: 12.632 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 175840
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 10.6 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 7.612 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN067724.D
Acq: 13 Jul 2021 18:12

Tgt Ion:180 Resp: 35732
Ion Ratio Lower Upper
180 100
182 98.4 0.0 190.8
145 35.0 0.0 68.2

