

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041021\
 Data File : VN066568.D
 Acq On : 9 Apr 2021 20:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 10 06:33:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041021W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 10 06:31:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	151240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	246451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	218711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	83161	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	129792	46.39	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.78%
35) Dibromofluoromethane	7.504	113	89532	48.76	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.52%
50) Toluene-d8	10.028	98	311420	45.45	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.90%#
62) 4-Bromofluorobenzene	12.348	95	88978	35.43	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	70.86%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	633	0.29	ug/l	89
3) Chloromethane	2.014	50	2718	0.23	ug/l	90
4) Vinyl Chloride	2.143	62	645	0.23	ug/l #	86
9) 1,1,2-Trichlorotrifluo...	3.666	101	569	0.27	ug/l #	51
11) Tert butyl alcohol	4.709	59	131	0.32	ug/l #	85
12) 1,1-Dichloroethene	3.661	96	685	0.34	ug/l #	37
13) Acrolein	3.529	56	3779	7.61	ug/l	83
15) Acrylonitrile	4.878	53	1020	0.87	ug/l #	82
16) Acetone	3.736	43	5325	Below	Cal	94
17) Carbon Disulfide	3.958	76	5308	Below	Cal	97
18) Methyl Acetate	4.235	43	4085	Below	Cal	97
25) 2-Butanone	6.750	43	3423	1.94	ug/l	92
27) cis-1,2-Dichloroethene	6.726	96	501	0.24	ug/l #	58
29) Tetrahydrofuran	7.134	42	346	0.30	ug/l #	1
31) Cyclohexane	7.576	56	5078	1.45	ug/l #	35
36) 1,1-Dichloropropene	7.708	75	905	0.33	ug/l #	56
38) Carbon Tetrachloride	7.584	117	15769	5.67	ug/l #	17
41) Methacrylonitrile	7.078	41	713	3.50	ug/l #	59
42) 1,2-Dichloroethane	8.043	62	1404	0.41	ug/l #	79
44) Trichloroethene	8.764	130	731	0.38	ug/l	97
49) 1,4-Dioxane	9.135	88	452	12.46	ug/l #	78
51) 4-Methyl-2-Pentanone	9.923	43	9046	2.36	ug/l	91
52) Toluene	10.089	92	1304	0.26	ug/l	97
53) t-1,3-Dichloropropene	10.323	75	1152	0.35	ug/l #	57
54) cis-1,3-Dichloropropene	9.778	75	844	0.25	ug/l #	76
55) 1,1,2-Trichloroethane	10.508	97	608	0.29	ug/l	86
56) Ethyl methacrylate	10.368	69	682	3.87	ug/l #	84
57) 1,3-Dichloropropane	10.650	76	723	0.20	ug/l #	55
58) 2-Chloroethyl Vinyl ether	9.647	63	112	10.95	ug/l #	51
59) 2-Hexanone	10.701	43	9279	19.26	ug/l	100
61) 1,2-Dibromoethane	10.945	107	439	0.21	ug/l	94
64) Tetrachloroethene	10.561	164	425	0.75	ug/l #	73
65) Chlorobenzene	11.374	112	2542	0.52	ug/l	92
67) Ethyl Benzene	11.454	91	3343	0.38	ug/l	92
68) m/p-Xylenes	11.559	106	2164	0.69	ug/l	93
69) o-Xylene	11.892	106	724	0.25	ug/l	66

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Instrument :
 MSVOA_N
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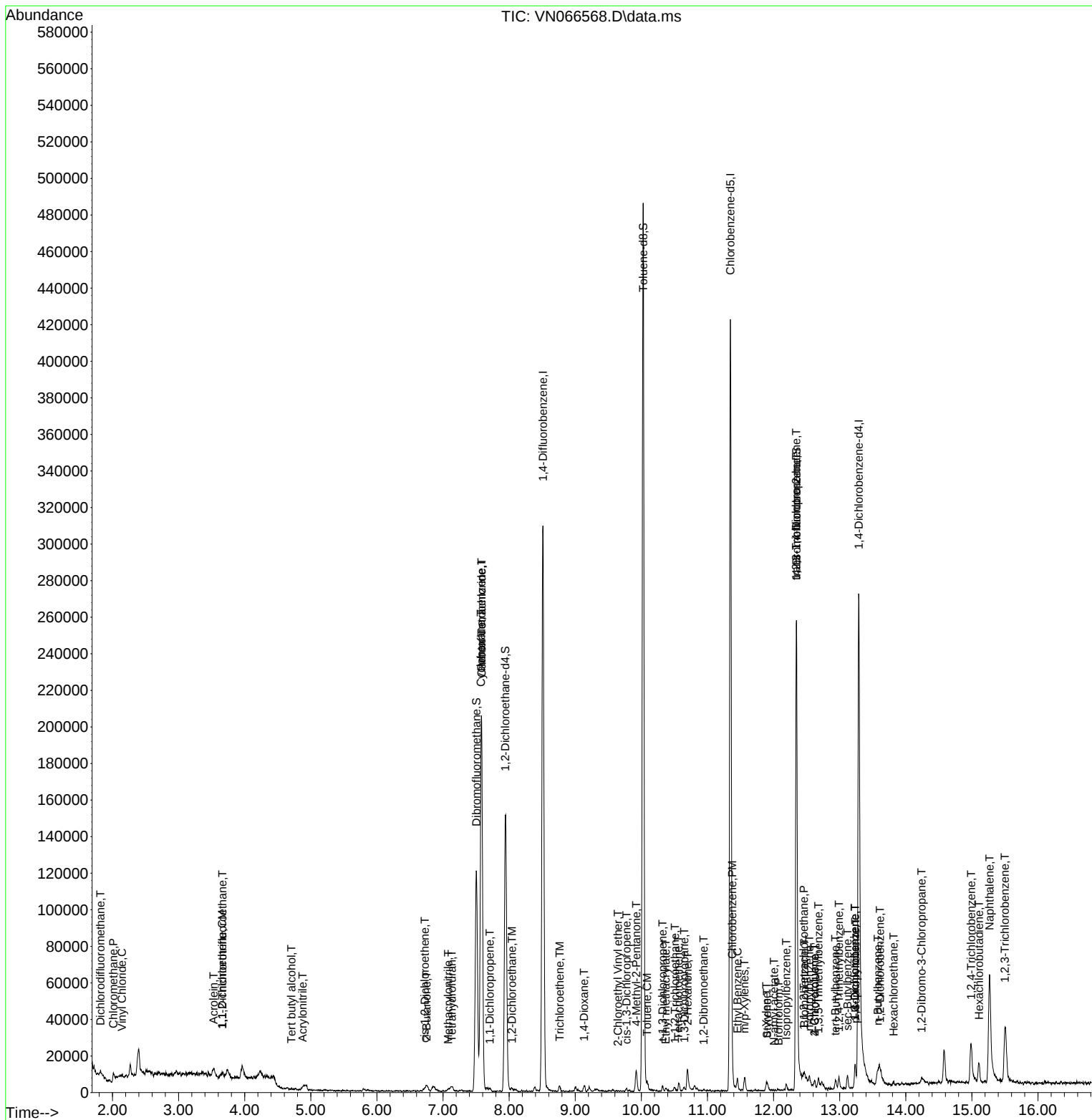
Quant Time: Apr 10 06:33:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041021W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 10 06:31:37 2021
 Response via : Initial Calibration

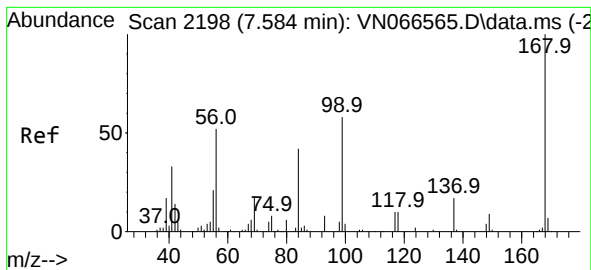
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	11.905	104	1727	3.24	ug/l #	74
71) Bromoform	12.077	173	527	0.38	ug/l #	28
73) Isopropylbenzene	12.192	105	2495	0.38	ug/l	82
74) N-amyl acetate	12.007	43	858	11.34	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.460	83	2069	0.81	ug/l #	90
76) 1,2,3-Trichloropropane	12.345	75	51189	23.08	ug/l #	100
77) Bromobenzene	12.468	156	1272	1.17	ug/l	78
78) n-propylbenzene	12.541	91	3587	0.46	ug/l	84
79) 2-Chlorotoluene	12.621	91	2020	0.43	ug/l	87
80) 1,3,5-Trimethylbenzene	12.680	105	1476	0.27	ug/l #	33
81) trans-1,4-Dichloro-2-b...	12.345	75	51189	70.13	ug/l #	9
82) 4-Chlorotoluene	12.621	91	2020	0.42	ug/l	86
83) tert-Butylbenzene	12.938	119	1717	0.37	ug/l #	32
84) 1,2,4-Trimethylbenzene	12.991	105	3537	0.67	ug/l	92
85) sec-Butylbenzene	13.120	105	5217	2.38	ug/l	95
86) p-Isopropyltoluene	13.241	119	4509	2.69	ug/l	94
87) 1,3-Dichlorobenzene	13.230	146	3366	1.75	ug/l	93
88) 1,4-Dichlorobenzene	13.230	146	3366	2.52	ug/l	91
89) n-Butylbenzene	13.579	91	6794	4.09	ug/l	92
90) Hexachloroethane	13.817	117	341	0.55	ug/l	57
91) 1,2-Dichlorobenzene	13.611	146	3373	1.62	ug/l #	46
92) 1,2-Dibromo-3-Chloropr...	14.238	75	659	2.24	ug/l	69
93) 1,2,4-Trichlorobenzene	14.989	180	9488	7.97	ug/l	95
94) Hexachlorobutadiene	15.110	225	2570	2.81	ug/l	83
95) Naphthalene	15.268	128	73055	18.38	ug/l	99
96) 1,2,3-Trichlorobenzene	15.502	180	13216	10.20	ug/l	95

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

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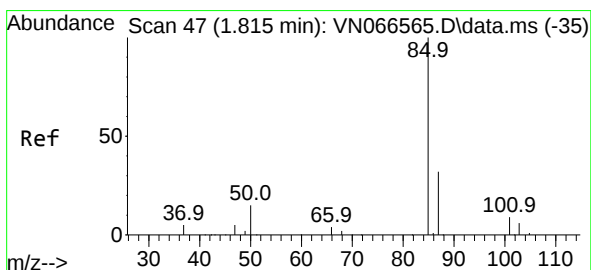
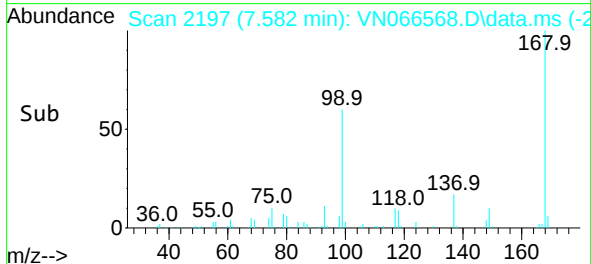
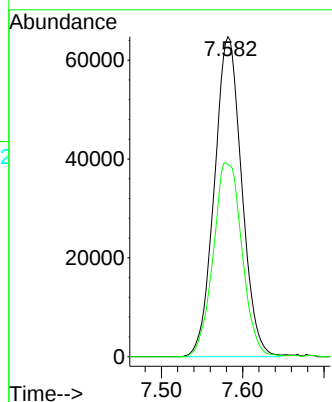
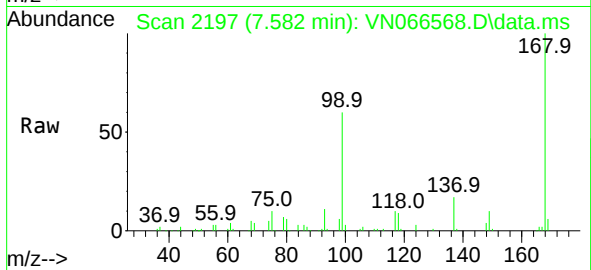




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.002 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

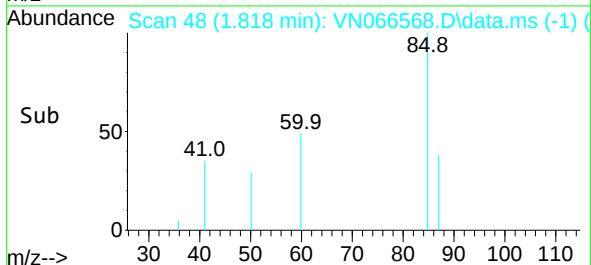
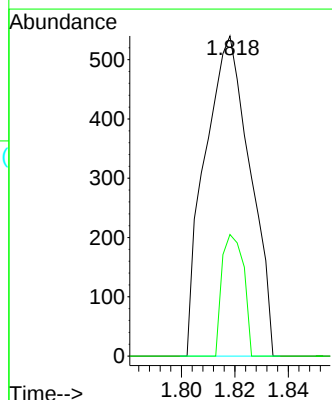
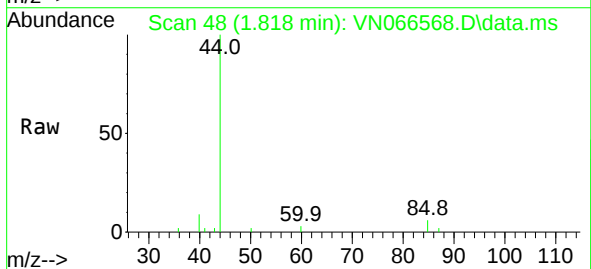
Instrument :
MSVOA_N
ClientSampleId :

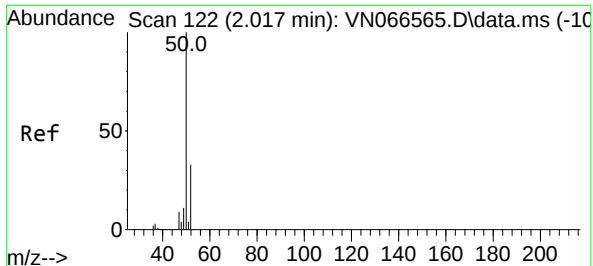
Tgt Ion:168 Resp: 151240
Ion Ratio Lower Upper
168 100
99 60.0 49.2 73.8



#2
Dichlorodifluoromethane
Concen: 0.29 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

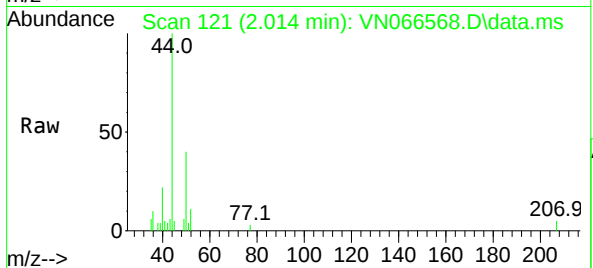
Tgt Ion: 85 Resp: 633
Ion Ratio Lower Upper
85 100
87 38.0 15.9 47.7



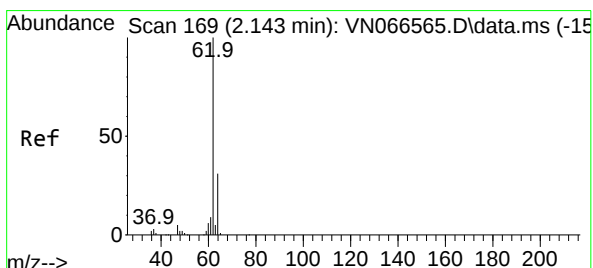
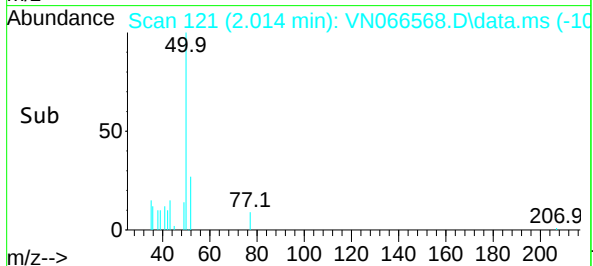
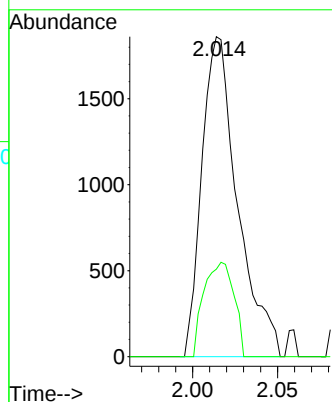


#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Instrument :
MSVOA_N
ClientSampled :

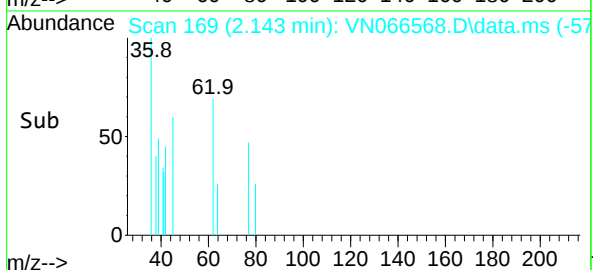
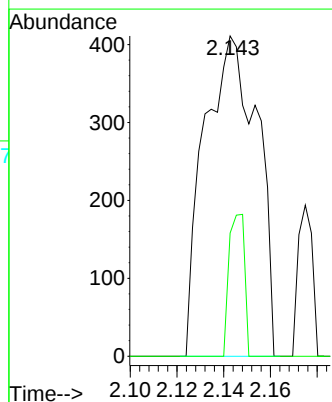
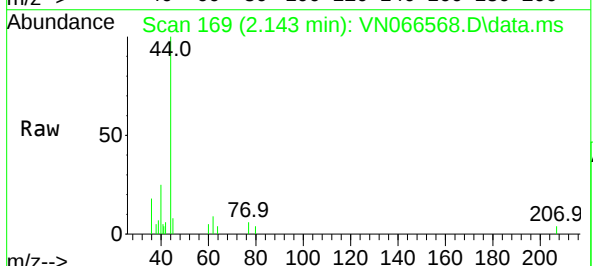


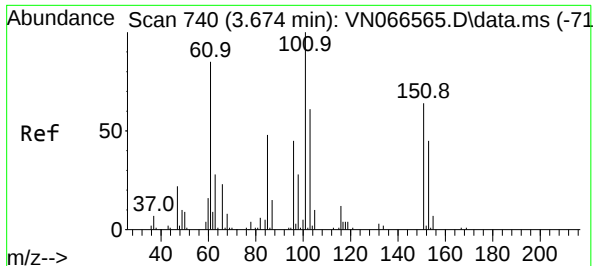
Tgt Ion: 50 Resp: 2718
Ion Ratio Lower Upper
50 100
52 27.4 26.3 39.5



#4
Vinyl Chloride
Concen: 0.23 ug/l
RT: 2.143 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 62 Resp: 645
Ion Ratio Lower Upper
62 100
64 38.4 24.7 37.1#

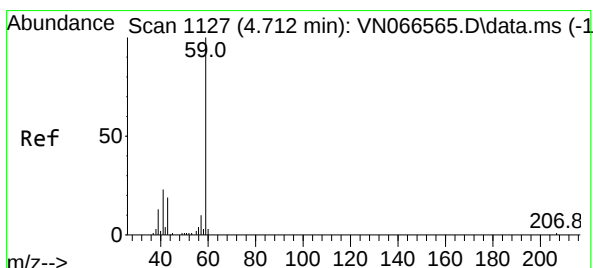
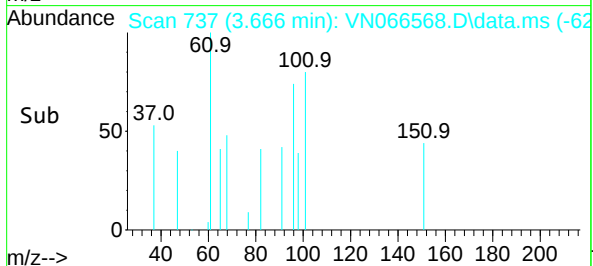
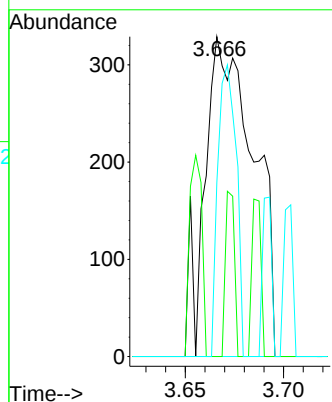
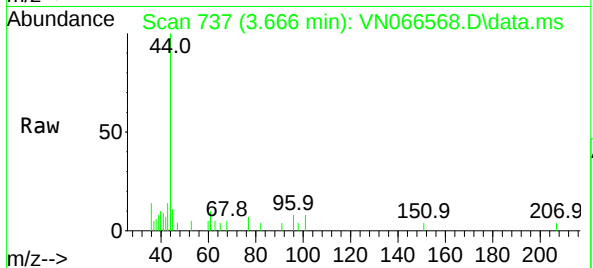




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.27 ug/l
RT: 3.666 min Scan# 737
Delta R.T. -0.008 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

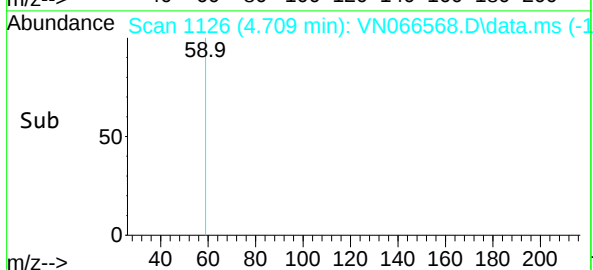
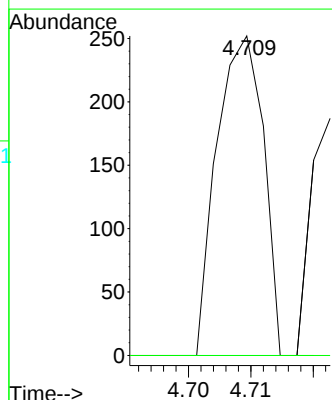
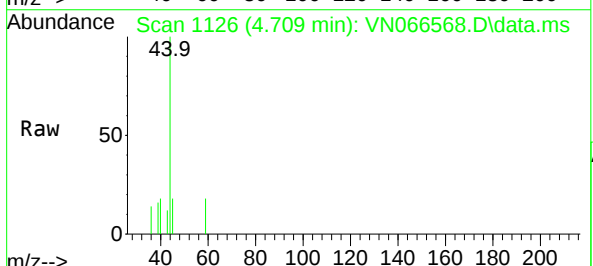
Instrument :
MSVOA_N
ClientSampleId :

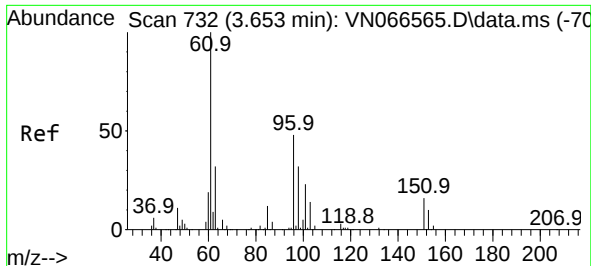
Tgt Ion:101 Resp: 569
Ion Ratio Lower Upper
101 100
85 9.5 40.0 60.0#
151 34.1 54.2 81.4#



#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 4.709 min Scan# 1126
Delta R.T. -0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

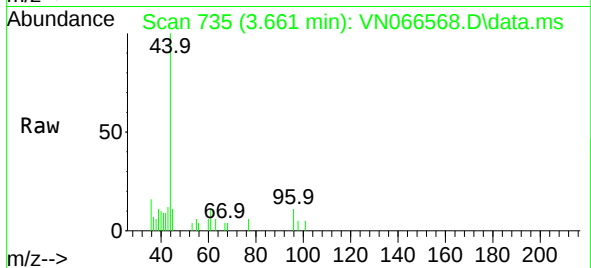
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#



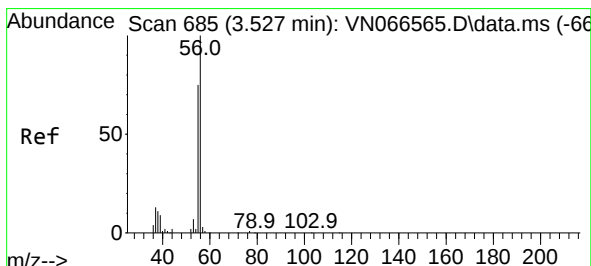
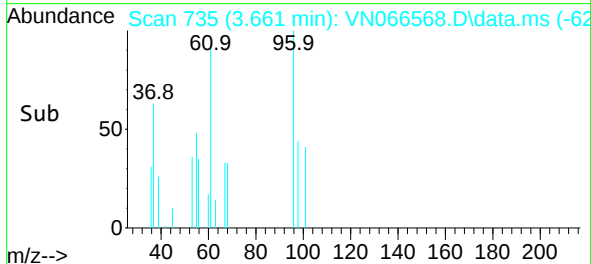
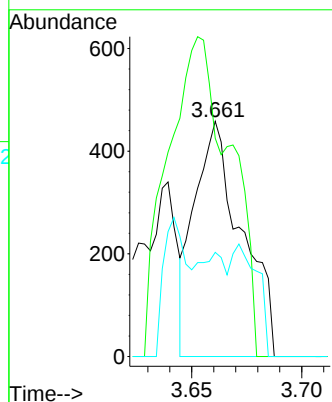


#12
1,1-Dichloroethene
Concen: 0.34 ug/l
RT: 3.661 min Scan# 735
Delta R.T. 0.008 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Instrument :
MSVOA_N
ClientSampled :

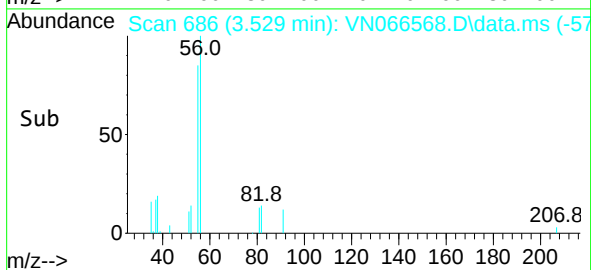
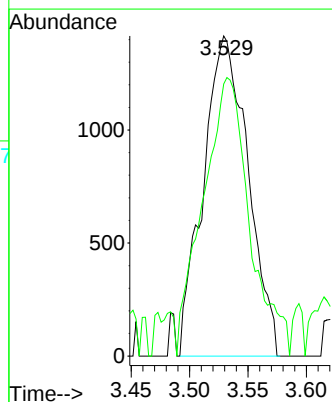
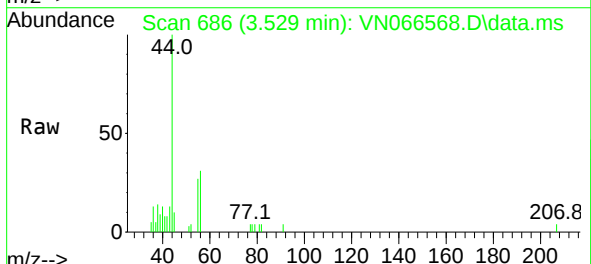


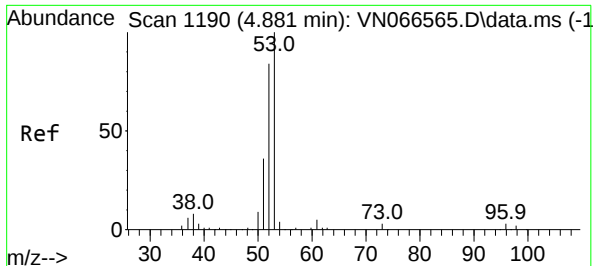
Tgt Ion: 96 Resp: 685
Ion Ratio Lower Upper
96 100
61 92.8 166.4 249.6#
98 44.3 53.9 80.9#



#13
Acrolein
Concen: 7.61 ug/l
RT: 3.529 min Scan# 686
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 56 Resp: 3779
Ion Ratio Lower Upper
56 100
55 90.3 60.7 91.1





#15

Acrylonitrile

Concen: 0.87 ug/l

RT: 4.878 min Scan# 1189

Delta R.T. -0.003 min

Lab File: VN066568.D

Acq: 9 Apr 2021 20:33

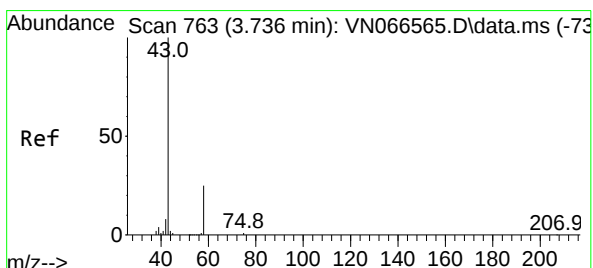
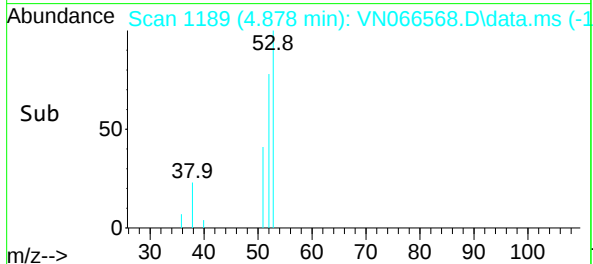
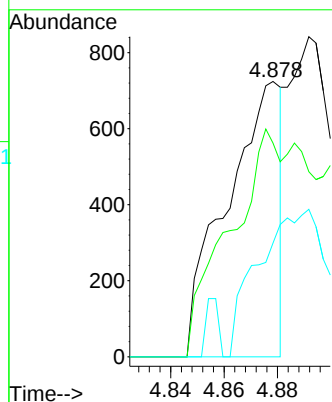
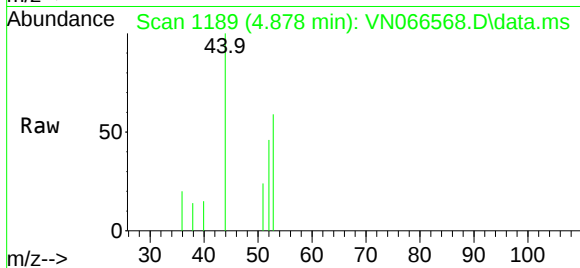
Tgt Ion: 53 Resp: 1020

Ion Ratio Lower Upper

53 100

52 76.9 66.2 99.2

51 63.6 30.0 45.0#



#16

Acetone

Concen: Below Cal

RT: 3.736 min Scan# 763

Delta R.T. -0.000 min

Lab File: VN066568.D

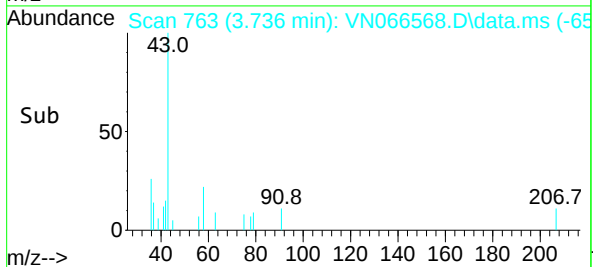
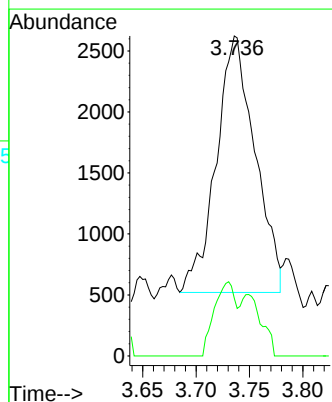
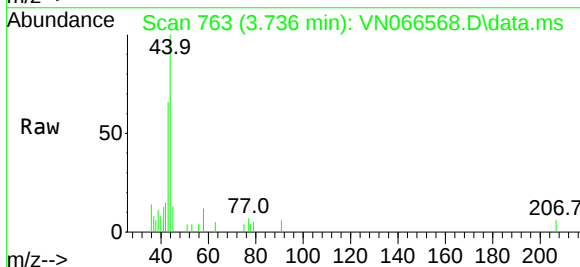
Acq: 9 Apr 2021 20:33

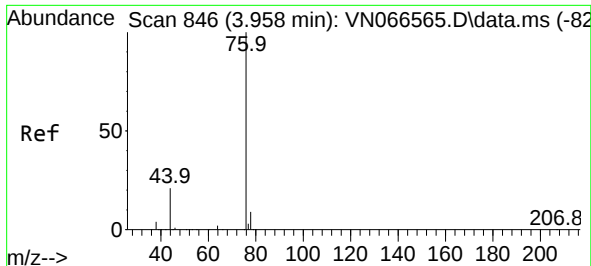
Tgt Ion: 43 Resp: 5325

Ion Ratio Lower Upper

43 100

58 22.5 20.4 30.6

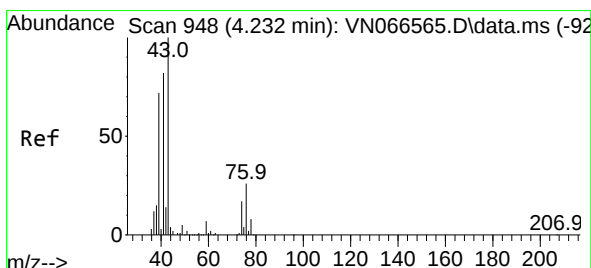
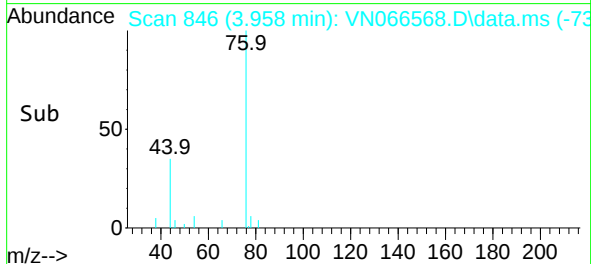
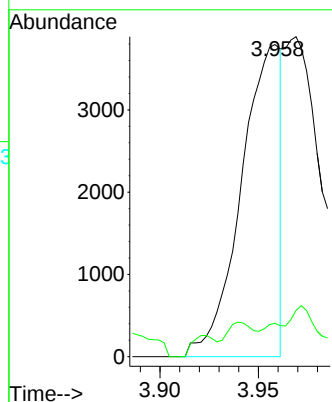
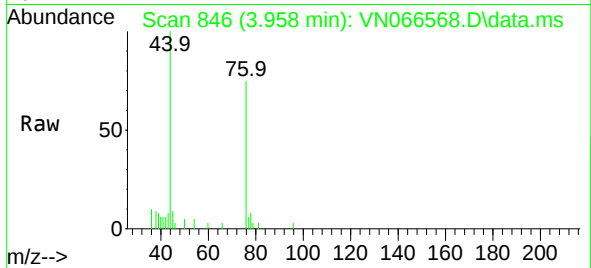




#17
Carbon Disulfide
Concen: Below Cal
RT: 3.958 min Scan# 846
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

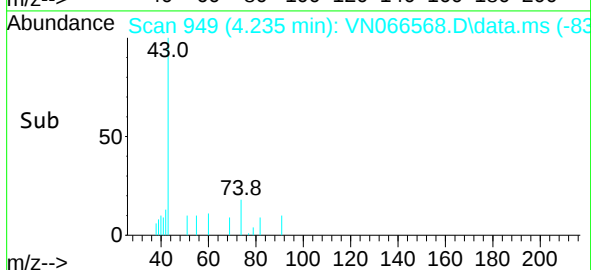
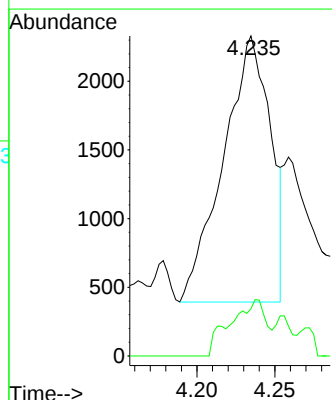
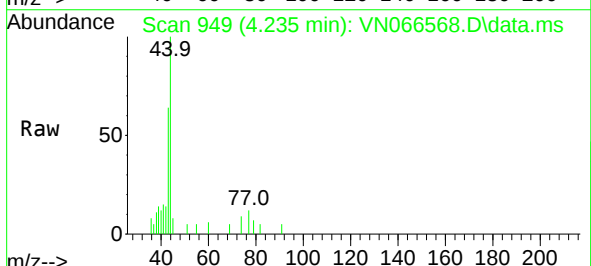
Instrument :
MSVOA_N
ClientSampled :

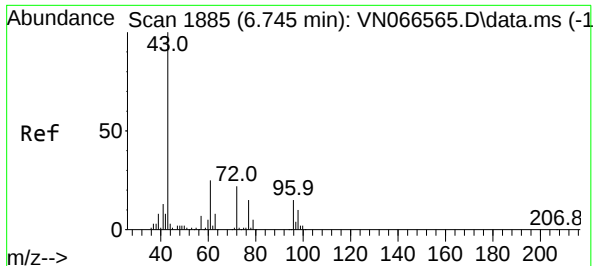
Tgt Ion: 76 Resp: 5308
Ion Ratio Lower Upper
76 100
78 10.7 7.7 11.5



#18
Methyl Acetate
Concen: Below Cal
RT: 4.235 min Scan# 949
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 43 Resp: 4085
Ion Ratio Lower Upper
43 100
74 16.1 13.8 20.8

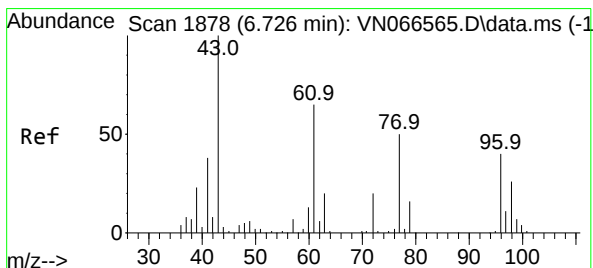
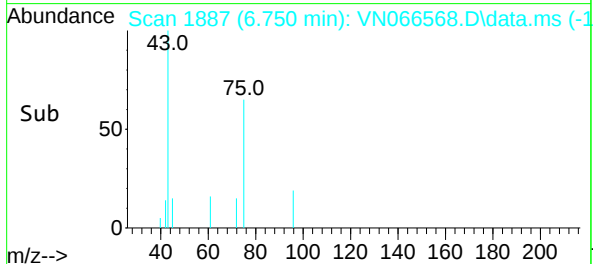
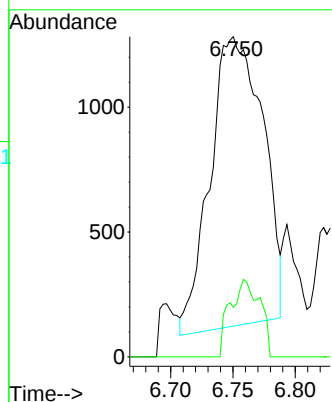
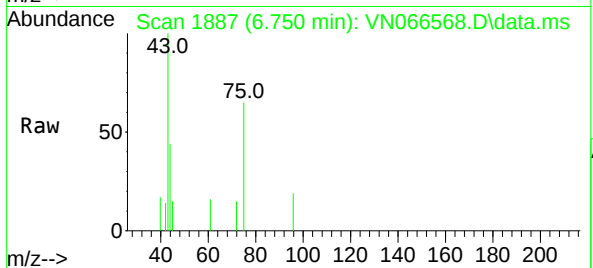




#25
2-Butanone
Concen: 1.94 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.005 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

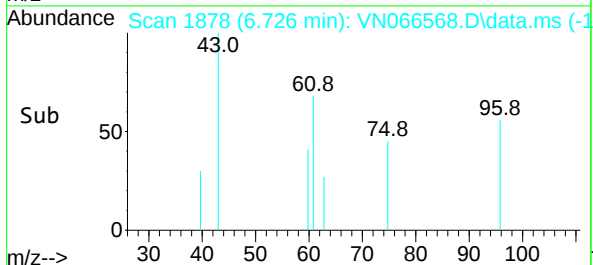
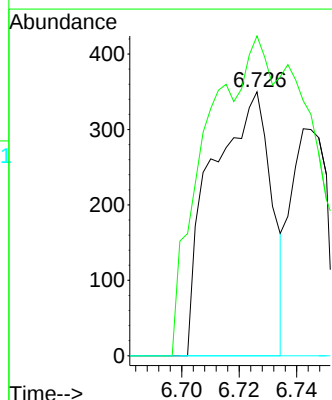
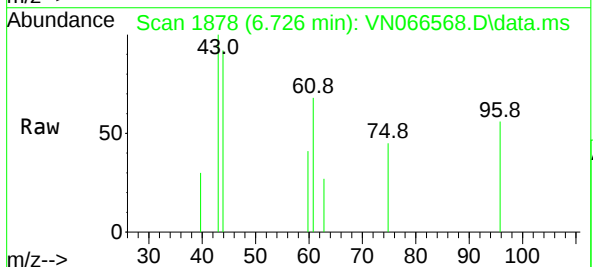
Instrument :
MSVOA_N
ClientSampled :

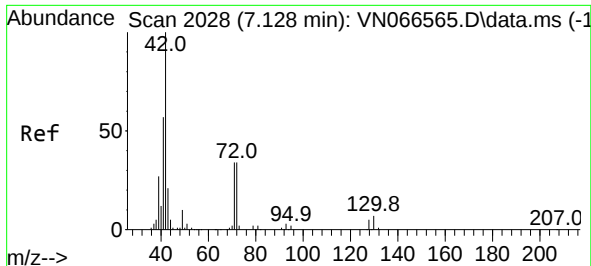
Tgt Ion: 43 Resp: 3423
Ion Ratio Lower Upper
43 100
72 17.6 17.2 25.8



#27
cis-1,2-Dichloroethene
Concen: 0.24 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 96 Resp: 501
Ion Ratio Lower Upper
96 100
61 133.1 0.0 339.6
98 0.0 0.0 128.8

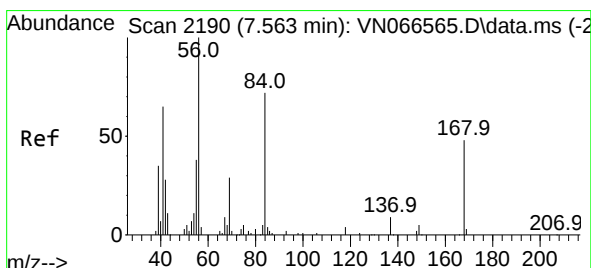
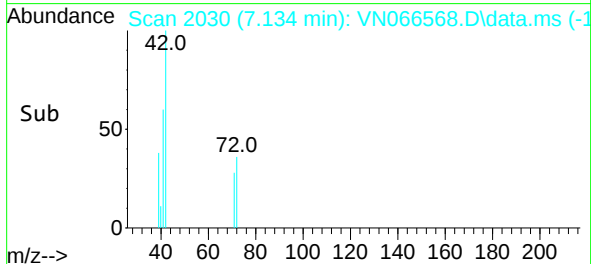
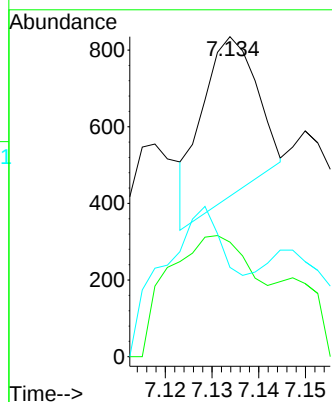
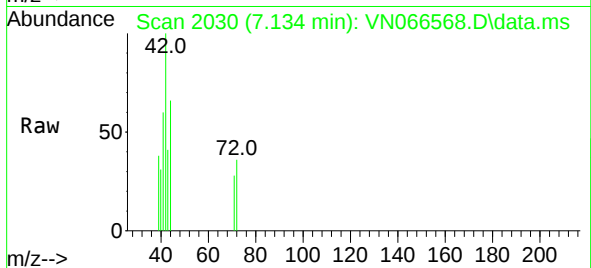




#29
Tetrahydrofuran
Concen: 0.30 ug/l
RT: 7.134 min Scan# 2030
Delta R.T. 0.005 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

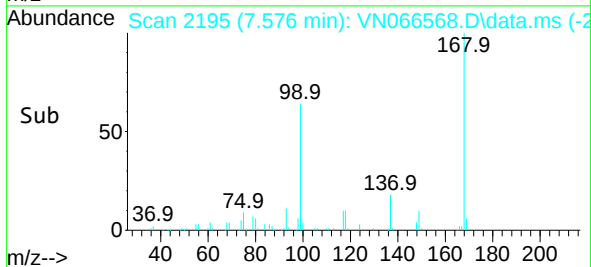
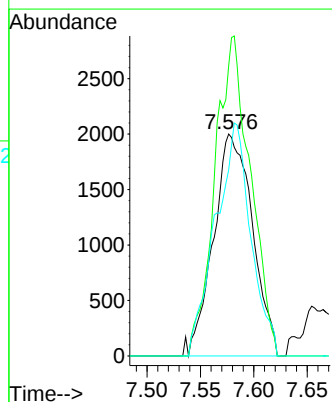
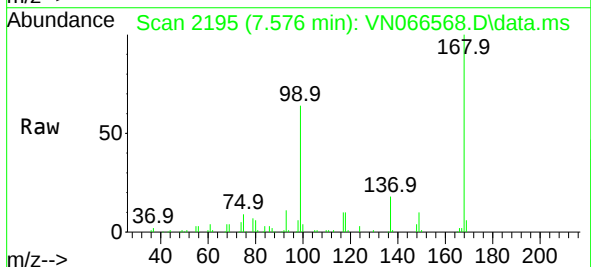
Instrument :
MSVOA_N
ClientSampleId :

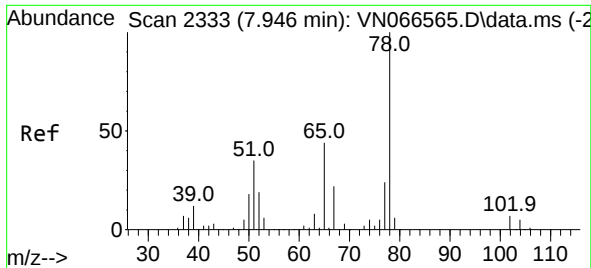
Tgt Ion:	42	Resp:	346
Ion	Ratio	Lower	Upper
42	100		
72	117.1	27.6	41.4#
71	113.3	27.0	40.4#



#31
Cyclohexane
Concen: 1.45 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. 0.013 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion:	56	Resp:	5078
Ion	Ratio	Lower	Upper
56	100		
69	130.7	23.5	35.3#
84	83.9	57.3	85.9

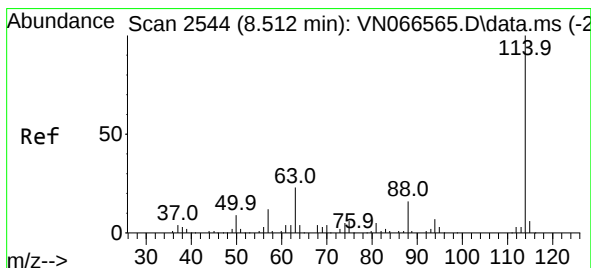
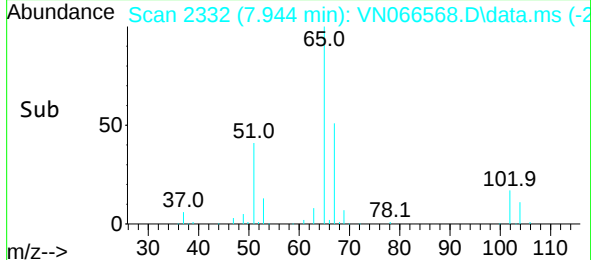
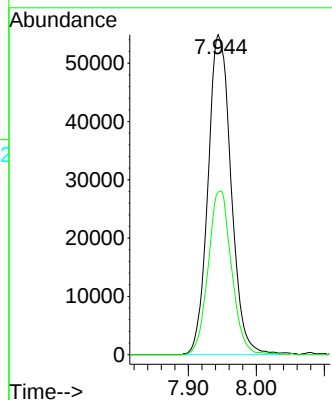
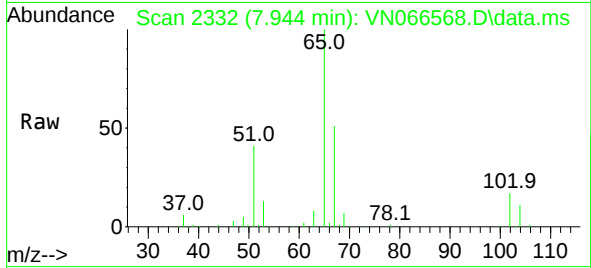




#33
 1,2-Dichloroethane-d4
 Concen: 46.39 ug/l
 RT: 7.944 min Scan# 2332
 Delta R.T. -0.003 min
 Lab File: VN066568.D
 Acq: 9 Apr 2021 20:33

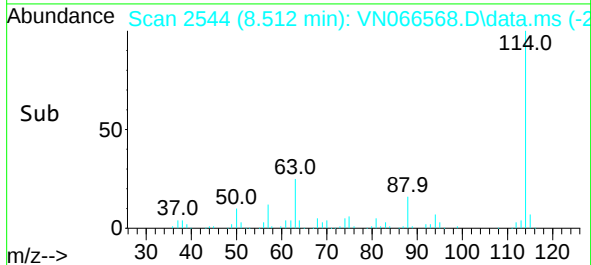
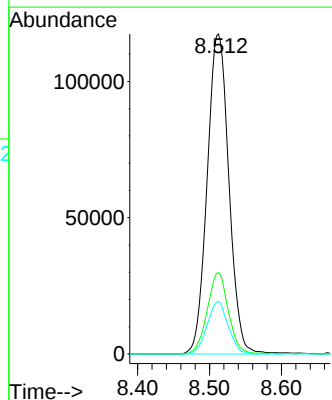
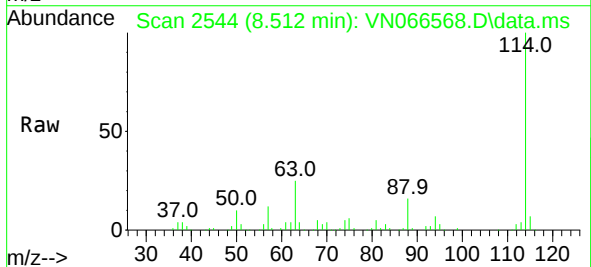
Instrument :
 MSVOA_N
 ClientSampled :

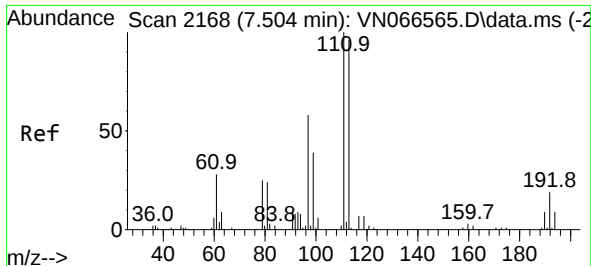
Tgt Ion: 65 Resp: 129792
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.512 min Scan# 2544
 Delta R.T. 0.000 min
 Lab File: VN066568.D
 Acq: 9 Apr 2021 20:33

Tgt Ion: 114 Resp: 246451
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 46.2
 88 16.4 0.0 32.2

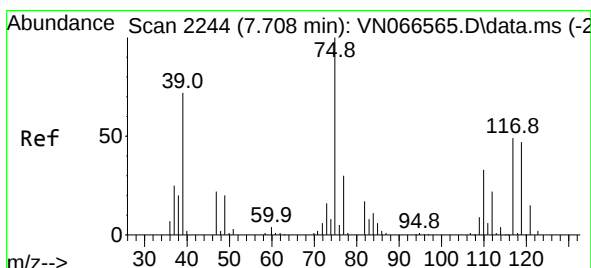
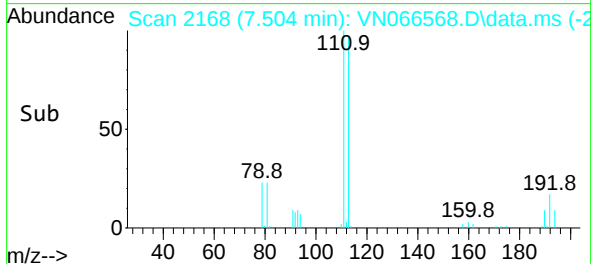
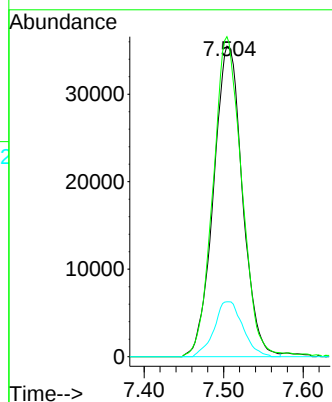
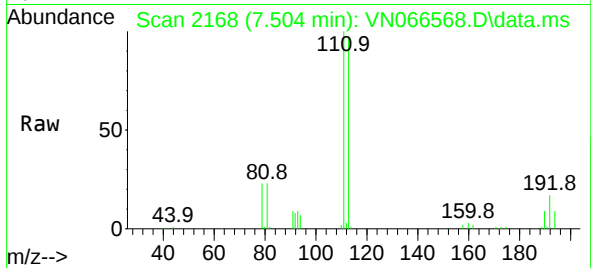




#35
Dibromofluoromethane
Concen: 48.76 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

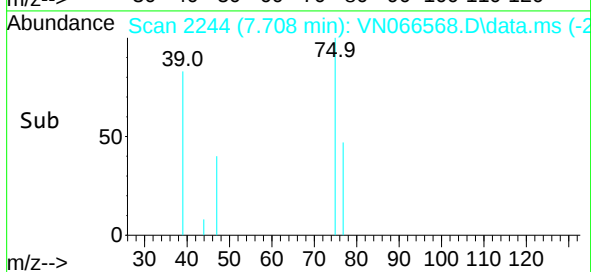
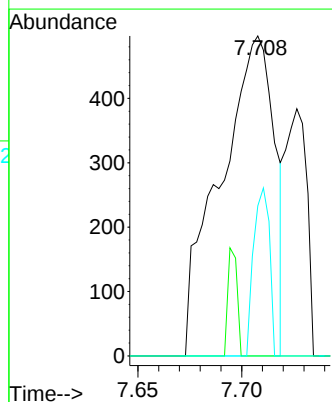
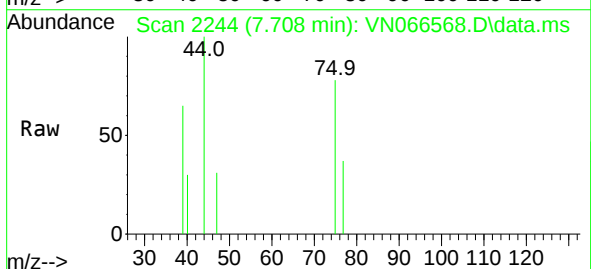
Instrument :
MSVOA_N
ClientSampled :

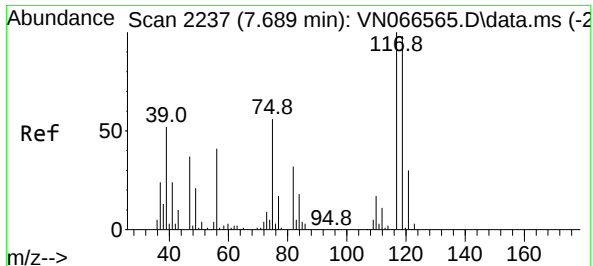
Tgt Ion:113 Resp: 89532
Ion Ratio Lower Upper
113 100
111 102.1 80.9 121.3
192 17.6 14.7 22.1



#36
1,1-Dichloropropene
Concen: 0.33 ug/l
RT: 7.708 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

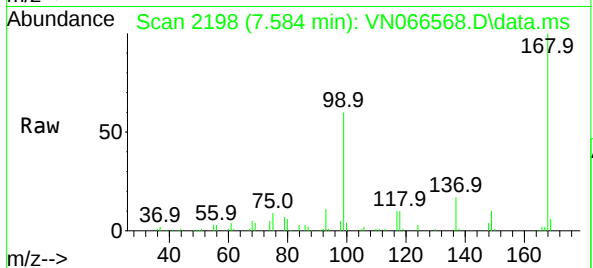
Tgt Ion: 75 Resp: 905
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 15.2 24.7 37.1#



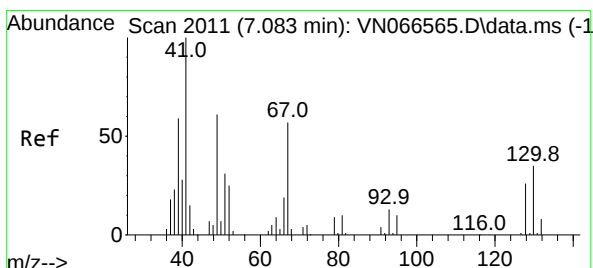
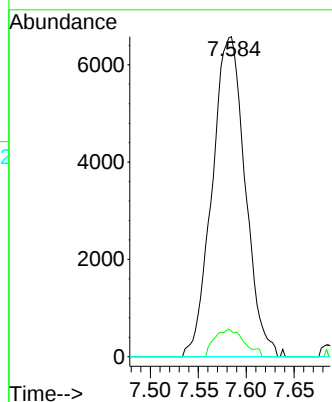
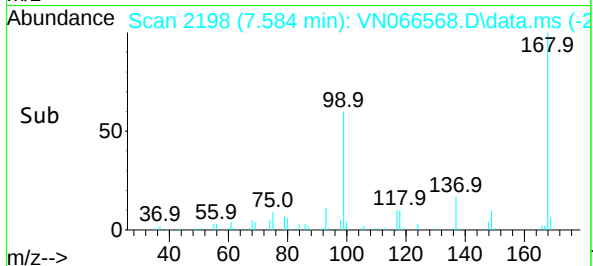


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.105 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

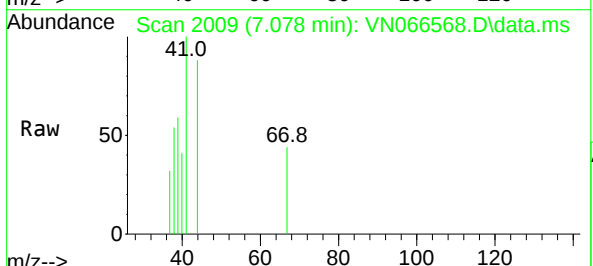
Instrument :
MSVOA_N
ClientSampled :



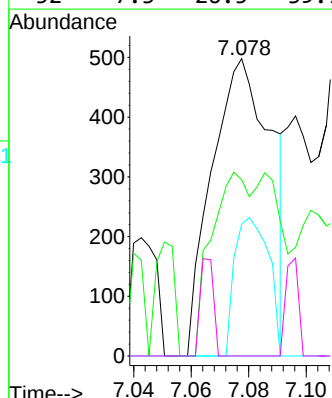
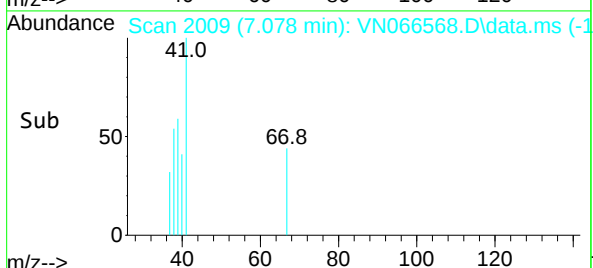
Tgt Ion: 117 Resp: 15769
Ion Ratio Lower Upper
117 100
119 7.9 78.2 117.4#
121 0.0 24.1 36.1#

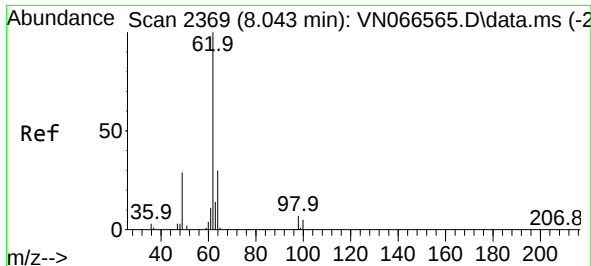


#41
Methacrylonitrile
Concen: 3.50 ug/l
RT: 7.078 min Scan# 2009
Delta R.T. -0.005 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33



Tgt Ion: 41 Resp: 713
Ion Ratio Lower Upper
41 100
39 39.8 45.0 67.6#
67 26.5 56.9 85.3#
52 7.3 26.5 39.7#

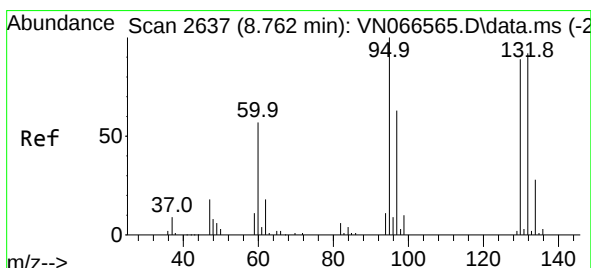
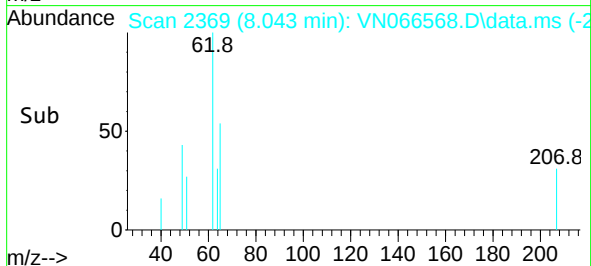
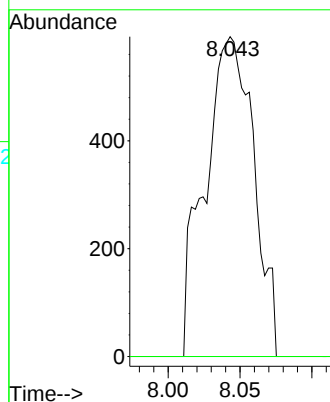
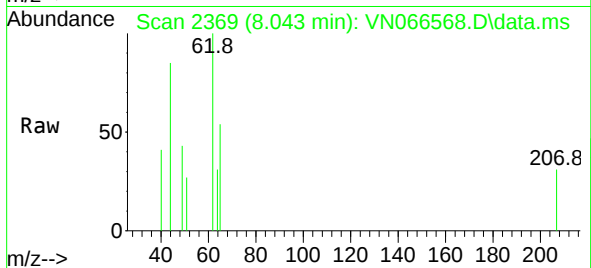




#42
1,2-Dichloroethane
Concen: 0.41 ug/l
RT: 8.043 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

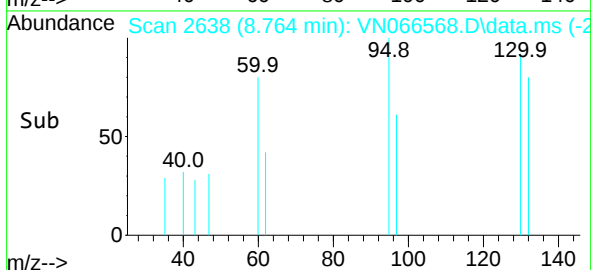
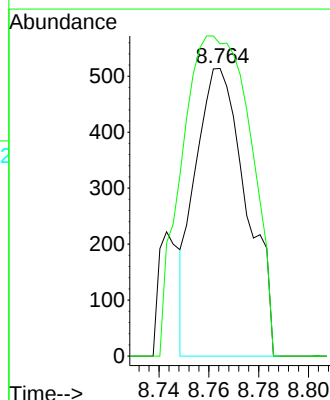
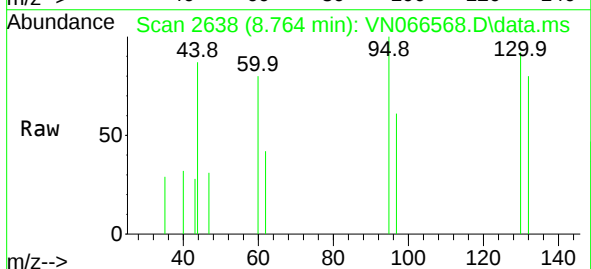
Instrument :
MSVOA_N
ClientSampled :

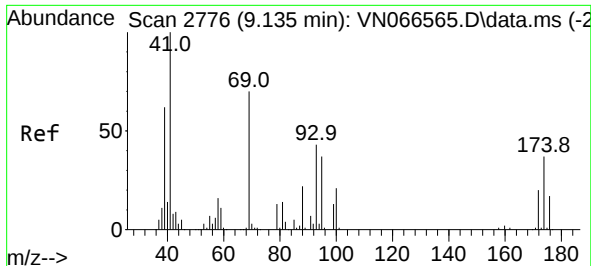
Tgt Ion: 62 Resp: 1404
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.2



#44
Trichloroethene
Concen: 0.38 ug/l
RT: 8.764 min Scan# 2638
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 130 Resp: 731
Ion Ratio Lower Upper
130 100
95 108.6 0.0 224.6

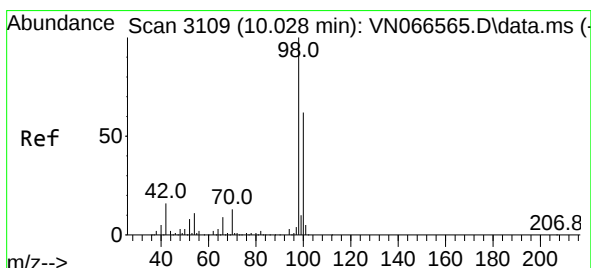
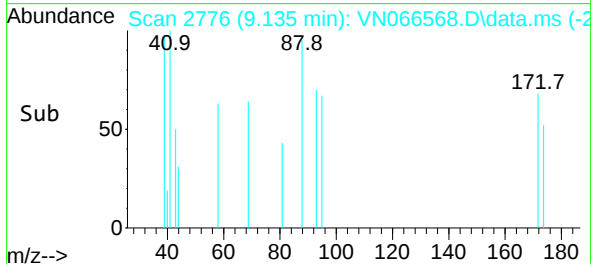
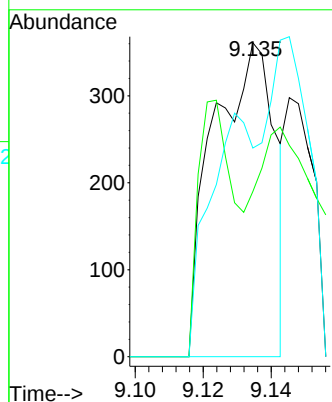
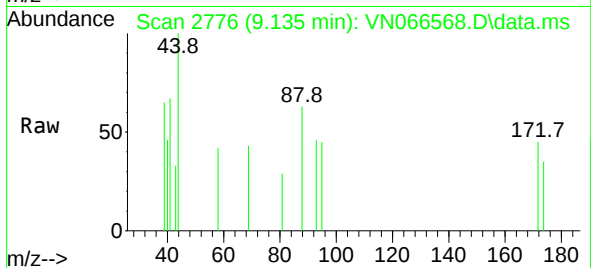




#49
1,4-Dioxane
Concen: 12.46 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

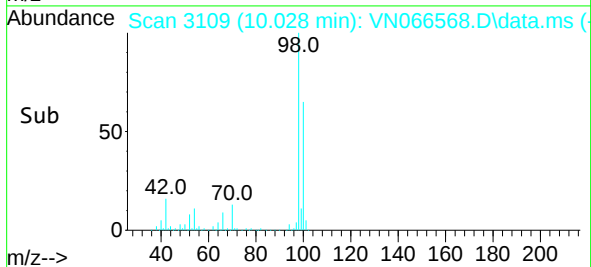
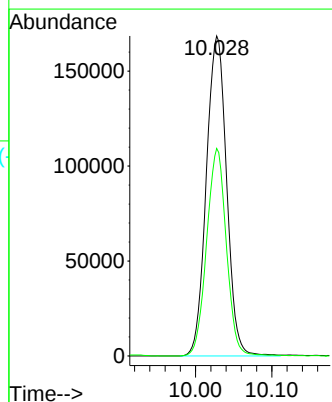
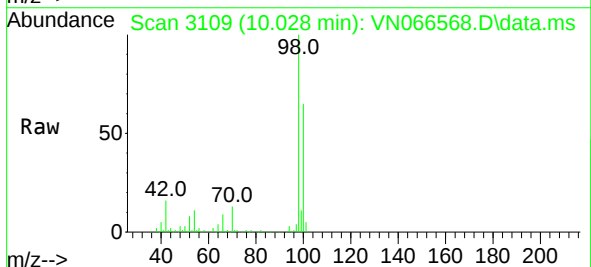
Instrument :
MSVOA_N
ClientSampled :

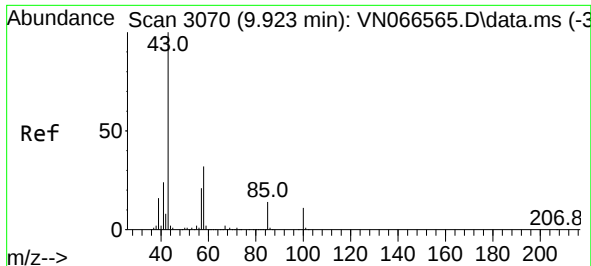
Tgt Ion: 88 Resp: 452
Ion Ratio Lower Upper
88 100
43 69.2 35.8 53.8#
58 64.4 60.4 90.6



#50
Toluene-d8
Concen: 45.45 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 98 Resp: 311420
Ion Ratio Lower Upper
98 100
100 62.9 49.9 74.9

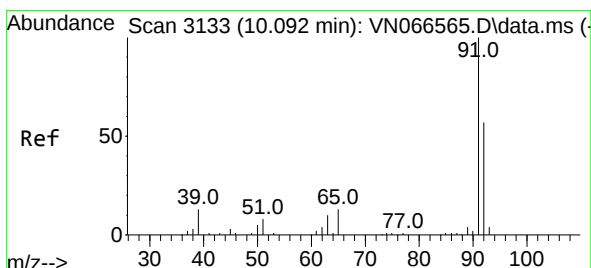
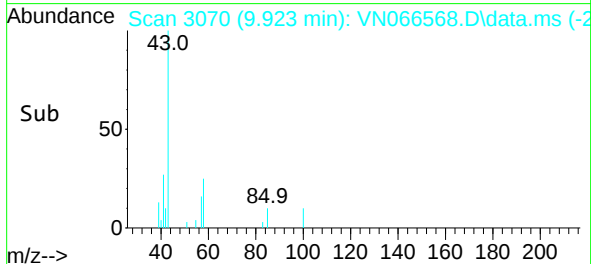
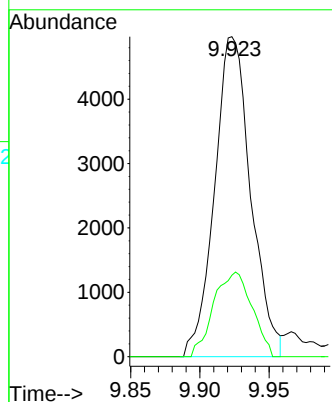
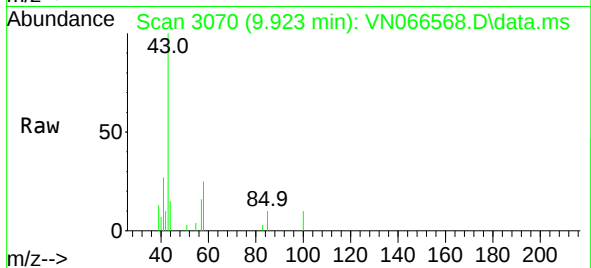




#51
4-Methyl-2-Pentanone
Concen: 2.36 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

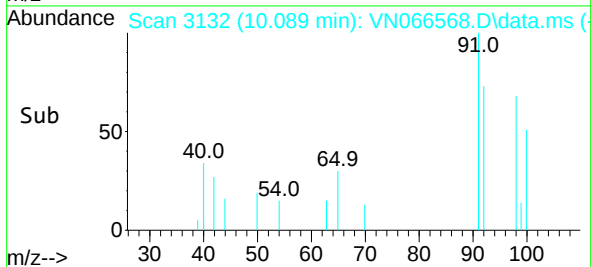
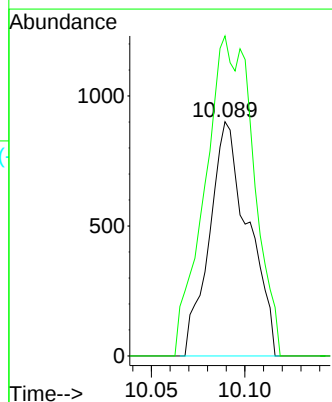
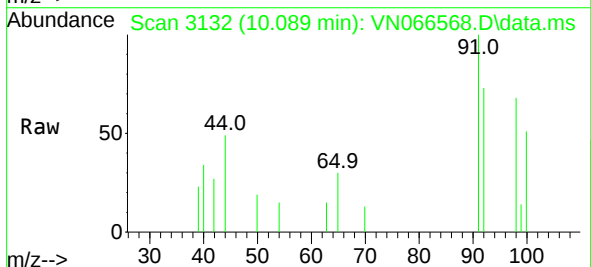
Instrument :
MSVOA_N
ClientSampled :

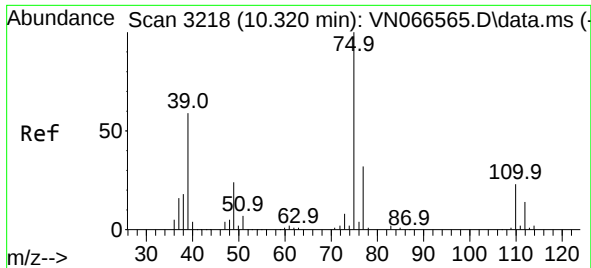
Tgt Ion: 43 Resp: 9046
Ion Ratio Lower Upper
43 100
58 28.0 26.3 39.5



#52
Toluene
Concen: 0.26 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 92 Resp: 1304
Ion Ratio Lower Upper
92 100
91 171.0 140.1 210.1

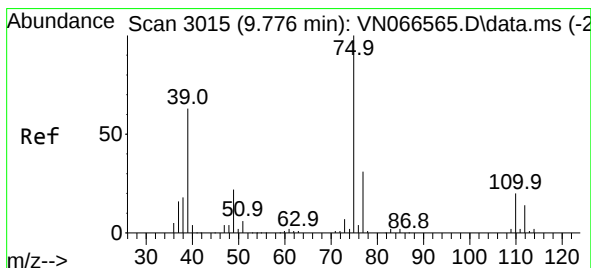
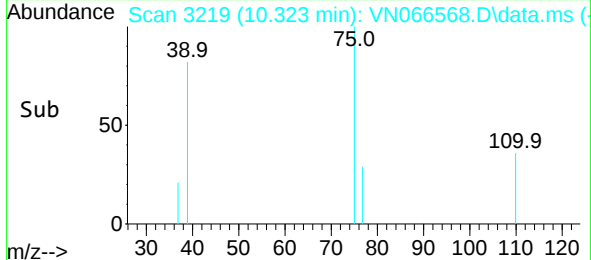
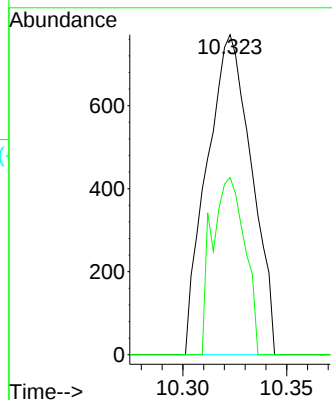
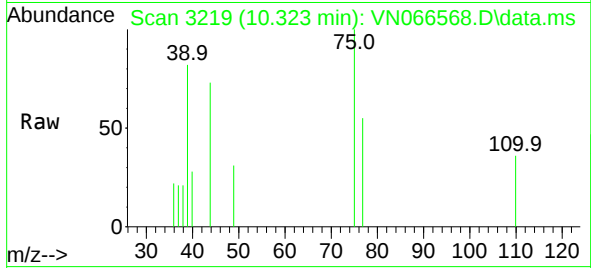




#53
 t-1,3-Dichloropropene
 Concen: 0.35 ug/l
 RT: 10.323 min Scan# 3219
 Delta R.T. 0.003 min
 Lab File: VN066568.D
 Acq: 9 Apr 2021 20:33

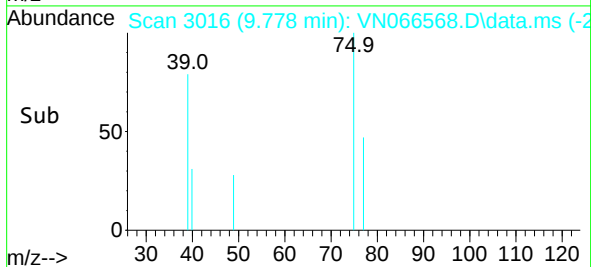
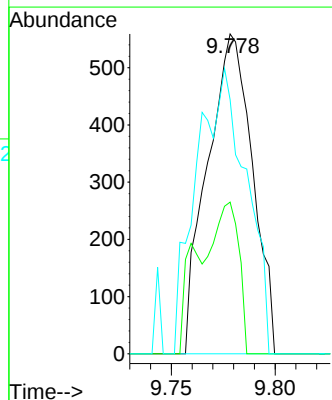
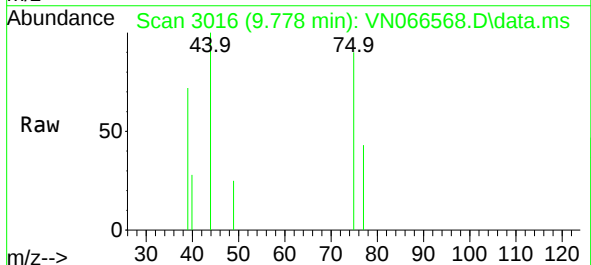
Instrument :
 MSVOA_N
 ClientSampled :

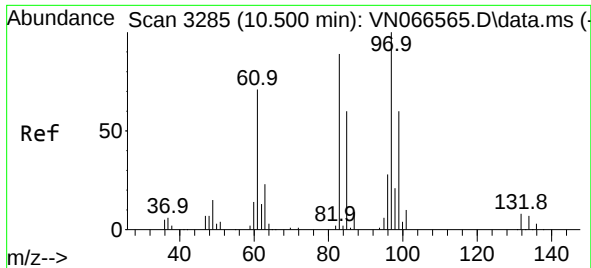
Tgt Ion: 75 Resp: 1152
 Ion Ratio Lower Upper
 75 100
 77 55.4 25.3 37.9#



#54
 cis-1,3-Dichloropropene
 Concen: 0.25 ug/l
 RT: 9.778 min Scan# 3016
 Delta R.T. 0.003 min
 Lab File: VN066568.D
 Acq: 9 Apr 2021 20:33

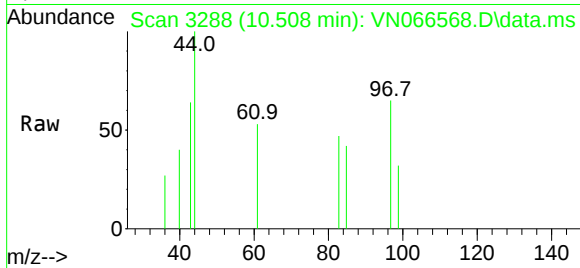
Tgt Ion: 75 Resp: 844
 Ion Ratio Lower Upper
 75 100
 77 47.4 24.6 37.0#
 39 79.4 50.2 75.2#





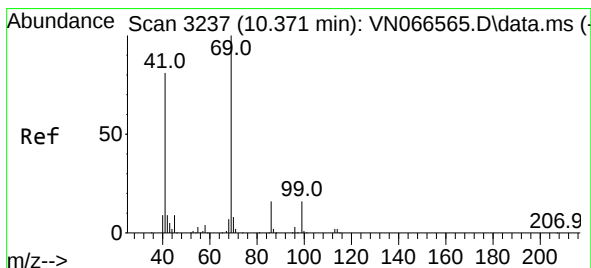
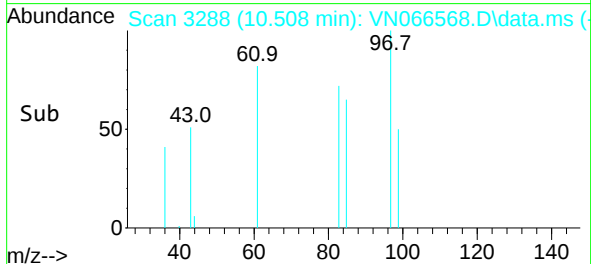
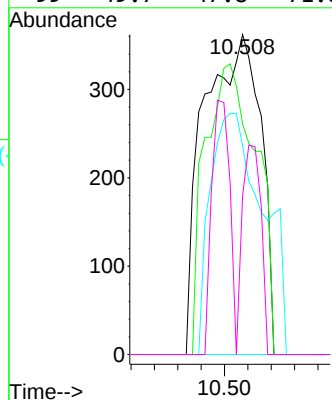
#55
1,1,2-Trichloroethane
Concen: 0.29 ug/l
RT: 10.508 min Scan# 3288
Delta R.T. 0.008 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 97 Resp: 608

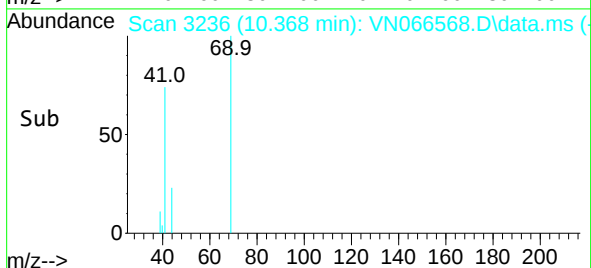
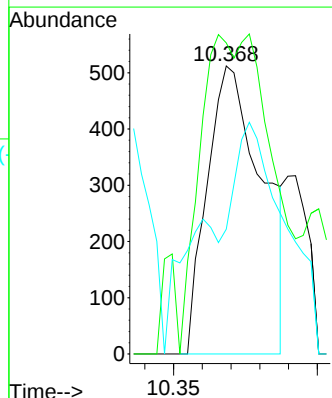
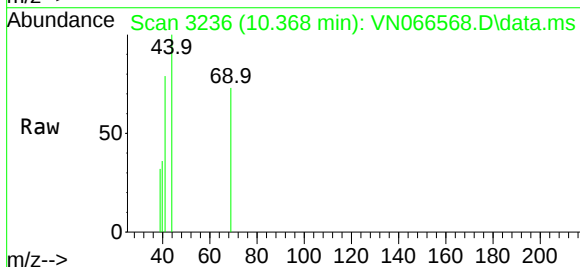
Ion	Ratio	Lower	Upper
97	100		
83	72.1	71.3	106.9
85	65.2	47.7	71.5
99	49.7	47.8	71.8

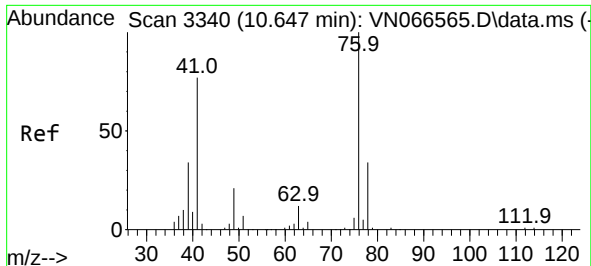


#56
Ethyl methacrylate
Concen: 3.87 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 69 Resp: 682

Ion	Ratio	Lower	Upper
69	100		
41	71.7	66.4	99.6
39	32.8	38.6	57.8#

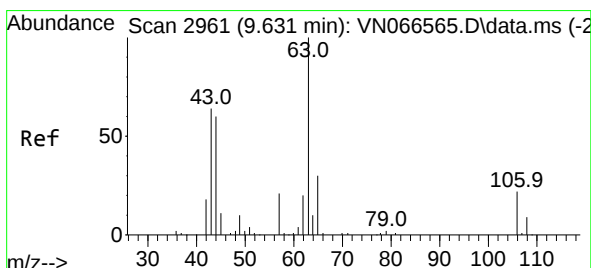
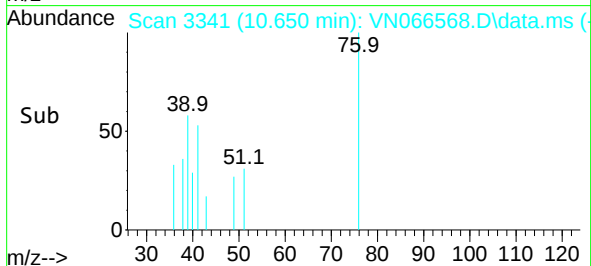
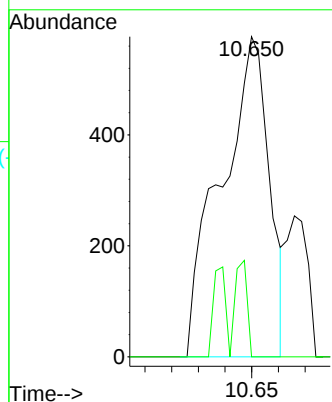
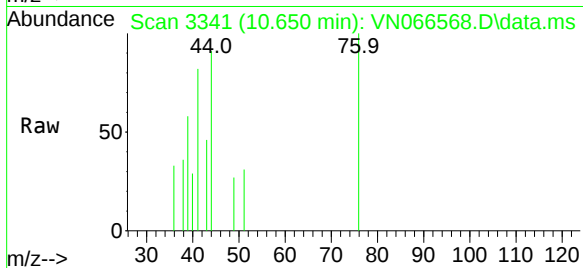




#57
1,3-Dichloropropane
Concen: 0.20 ug/l
RT: 10.650 min Scan# 3341
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

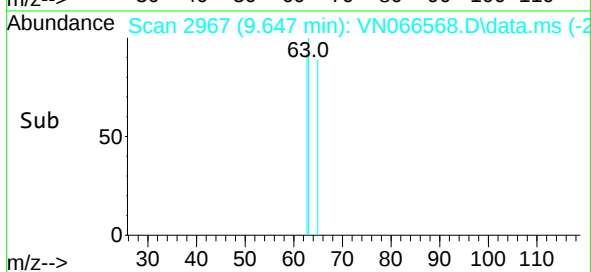
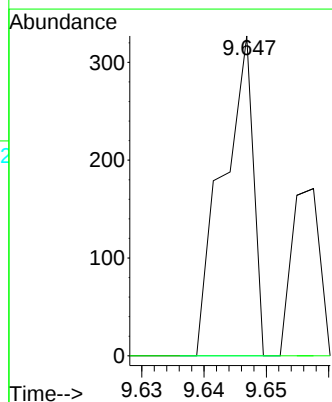
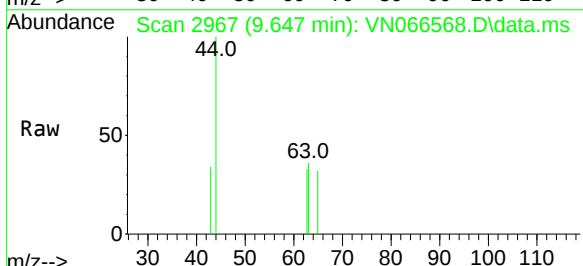
Instrument :
MSVOA_N
ClientSampled :

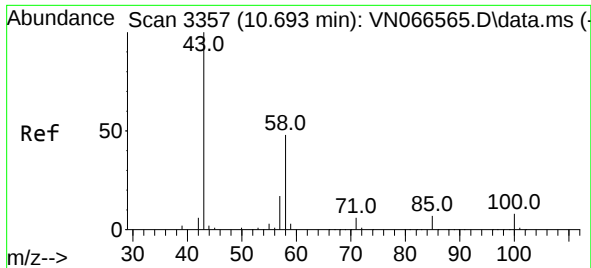
Tgt Ion: 76 Resp: 723
Ion Ratio Lower Upper
76 100
78 7.5 26.6 39.8#



#58
2-Chloroethyl Vinyl ether
Concen: 10.95 ug/l
RT: 9.647 min Scan# 2967
Delta R.T. 0.016 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 63 Resp: 112
Ion Ratio Lower Upper
63 100
106 0.0 19.1 28.7#

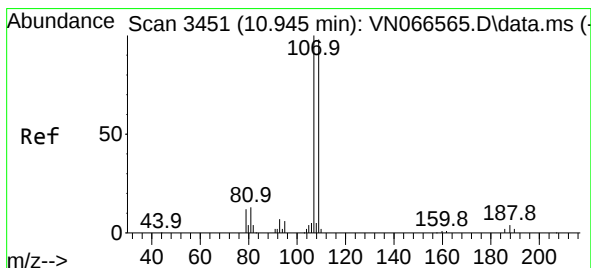
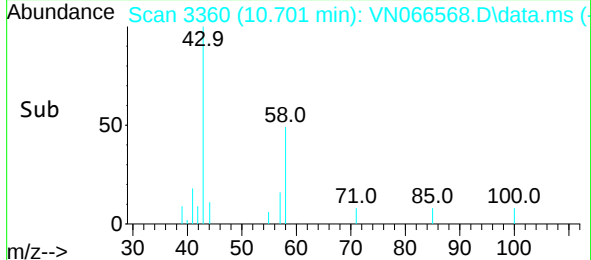
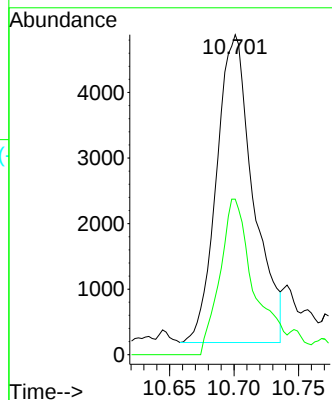
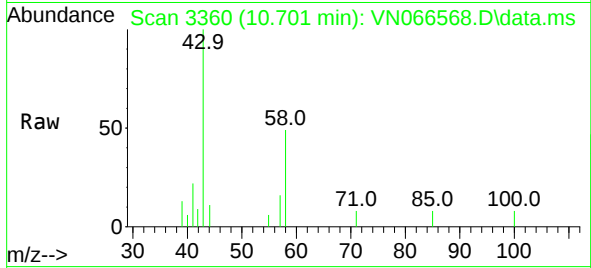




#59
2-Hexanone
Concen: 19.26 ug/l
RT: 10.701 min Scan# 3360
Delta R.T. 0.008 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

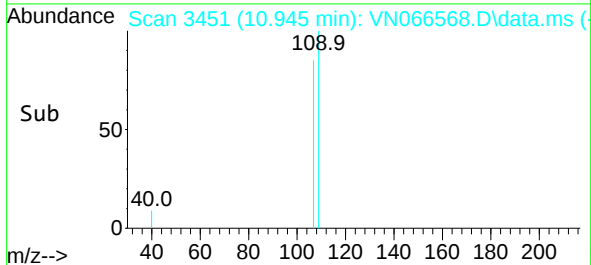
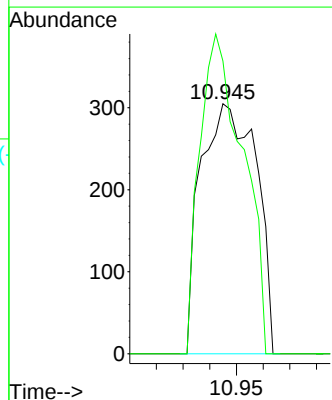
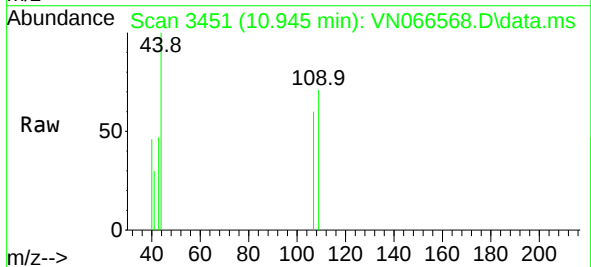
Instrument :
MSVOA_N
ClientSampled :

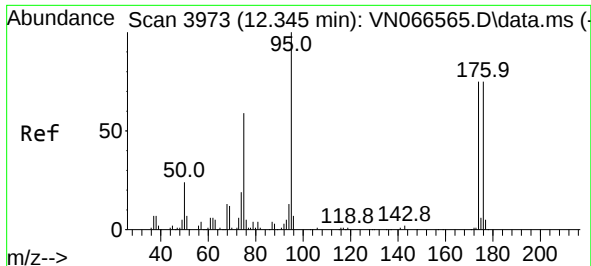
Tgt Ion: 43 Resp: 9279
Ion Ratio Lower Upper
43 100
58 47.3 23.7 71.1



#61
1,2-Dibromoethane
Concen: 0.21 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 107 Resp: 439
Ion Ratio Lower Upper
107 100
109 99.8 75.0 112.4

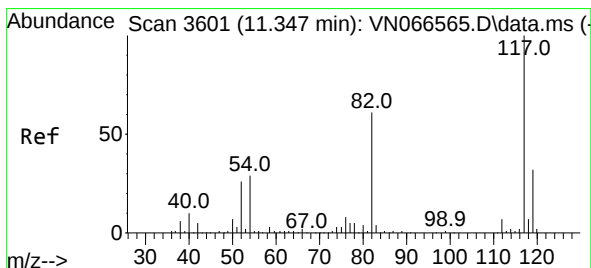
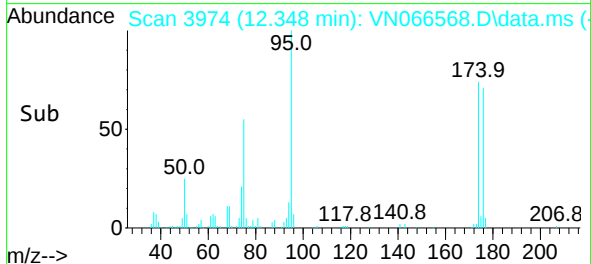
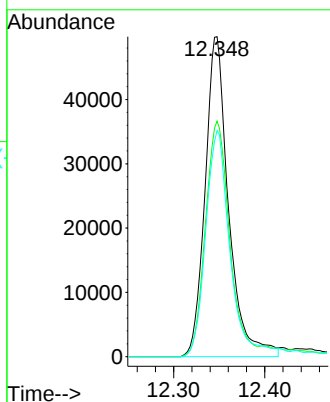
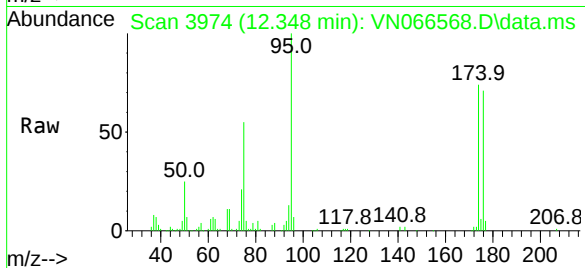




#62
4-Bromofluorobenzene
Concen: 35.43 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

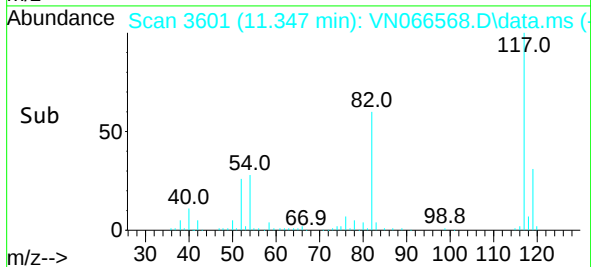
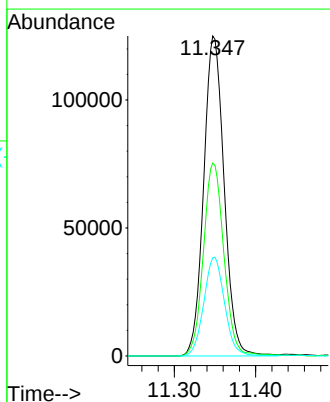
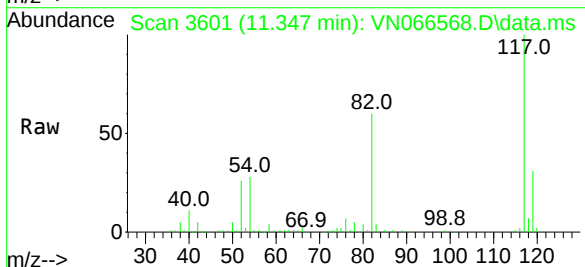
Instrument :
MSVOA_N
ClientSampleId :

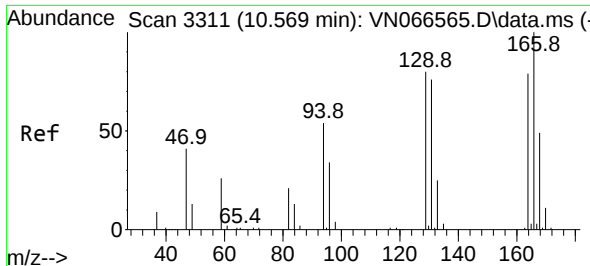
Tgt Ion: 95 Resp: 88978
Ion Ratio Lower Upper
95 100
174 75.7 0.0 155.4
176 72.5 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 117 Resp: 218711
Ion Ratio Lower Upper
117 100
82 60.3 48.6 72.8
119 30.7 25.2 37.8

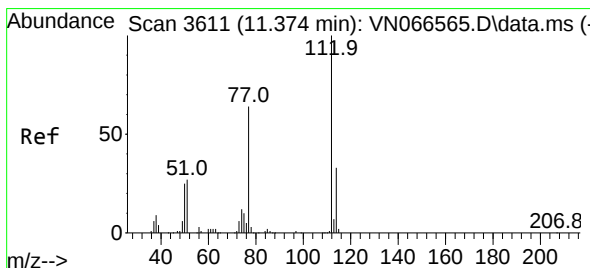
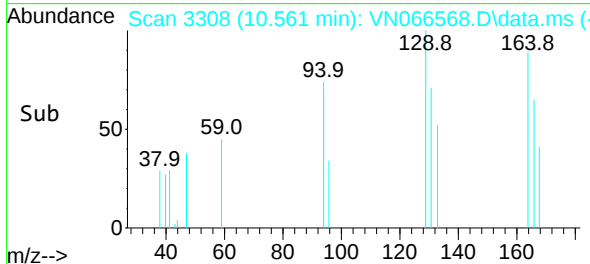
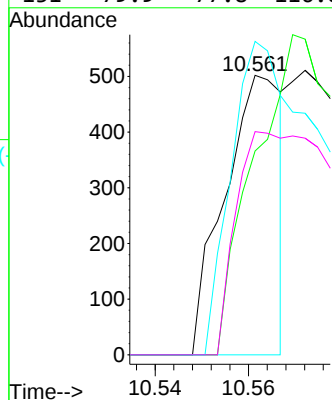
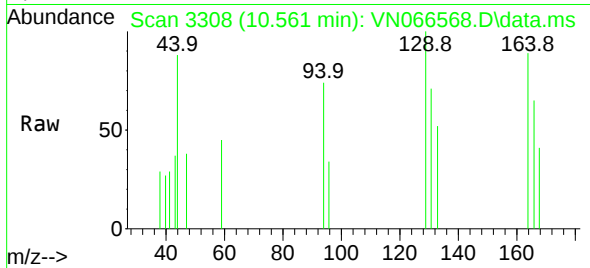




#64
Tetrachloroethene
Concen: 0.75 ug/l
RT: 10.561 min Scan# 3308
Delta R.T. -0.008 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

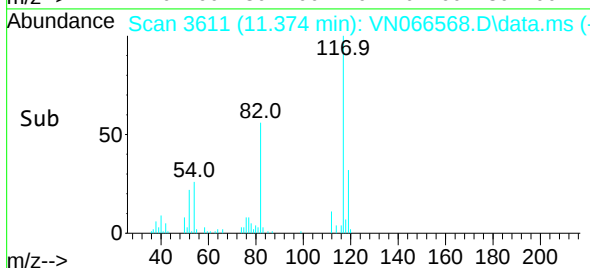
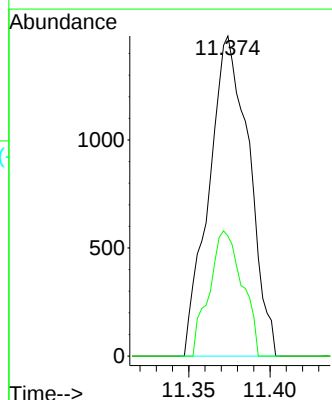
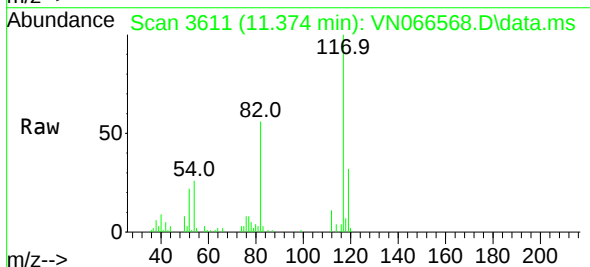
Instrument :
MSVOA_N
ClientSampleId :

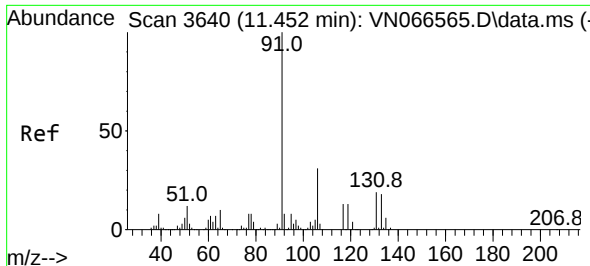
Tgt Ion:164 Resp: 425
Ion Ratio Lower Upper
164 100
166 72.9 101.9 152.9#
129 112.2 81.3 121.9
131 79.9 77.8 116.8



#65
Chlorobenzene
Concen: 0.52 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion:112 Resp: 2542
Ion Ratio Lower Upper
112 100
114 37.5 26.5 39.7

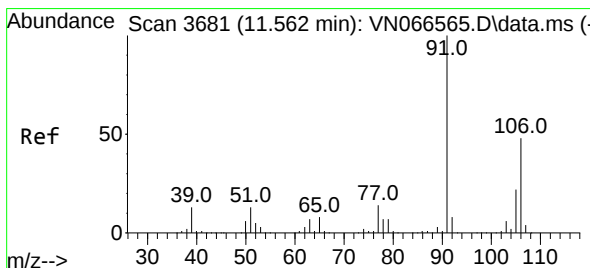
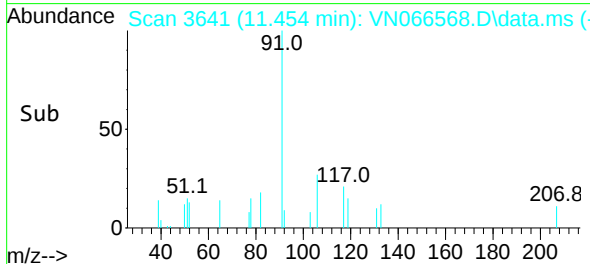
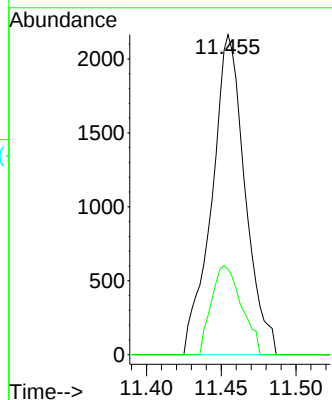
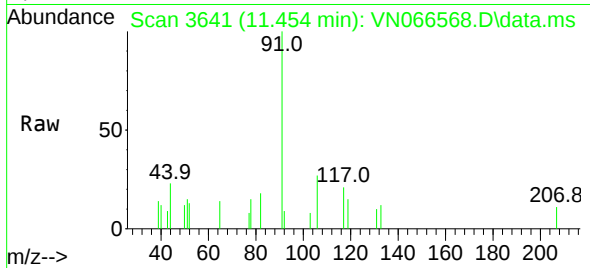




#67
Ethyl Benzene
Concen: 0.38 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

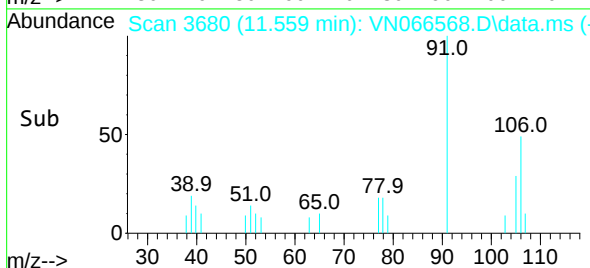
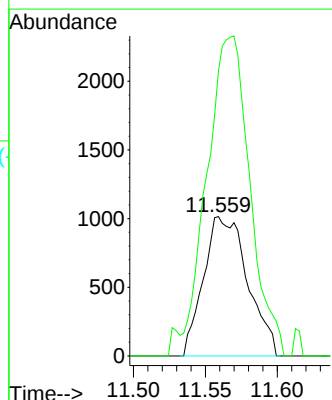
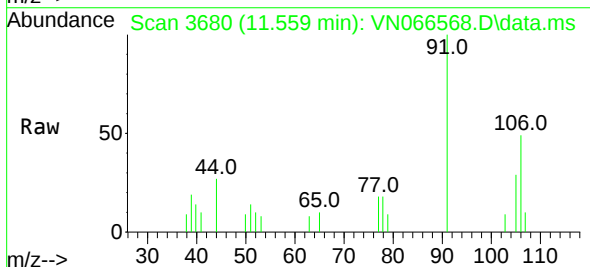
Instrument :
MSVOA_N
ClientSampled :

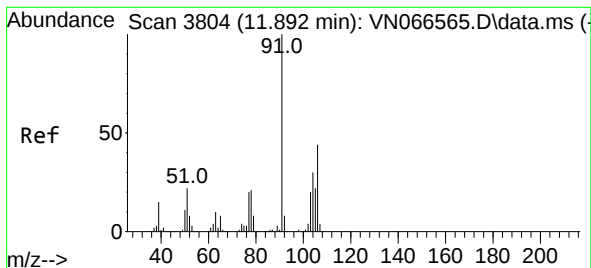
Tgt Ion: 91 Resp: 3343
Ion Ratio Lower Upper
91 100
106 26.8 24.7 37.1



#68
m/p-Xylenes
Concen: 0.69 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion:106 Resp: 2164
Ion Ratio Lower Upper
106 100
91 223.4 169.5 254.3

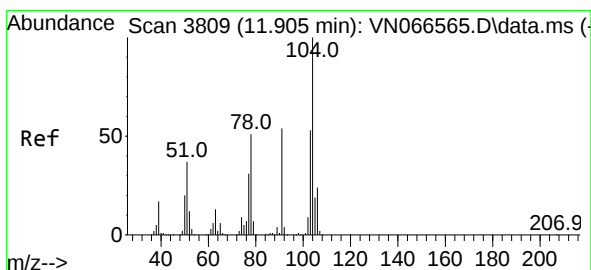
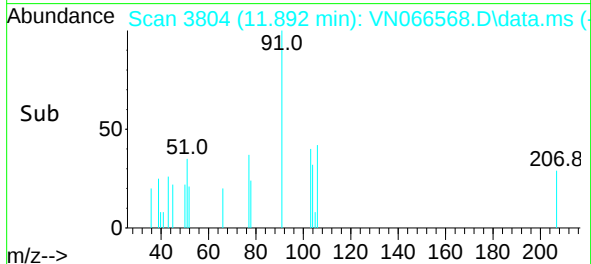
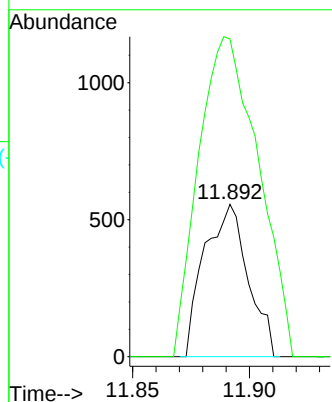
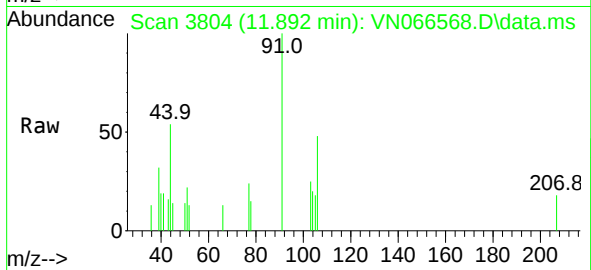




#69
o-Xylene
Concen: 0.25 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

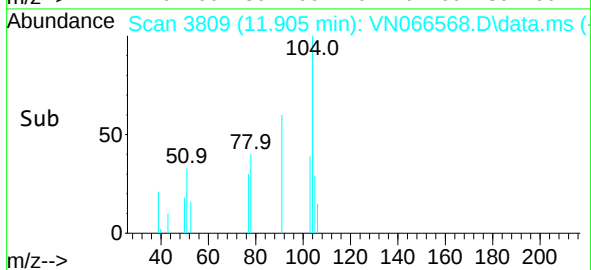
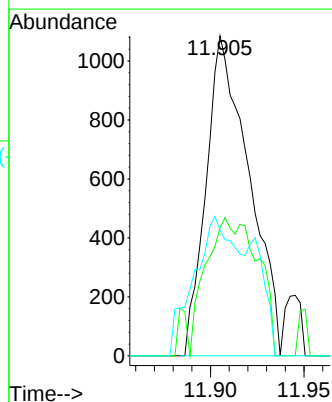
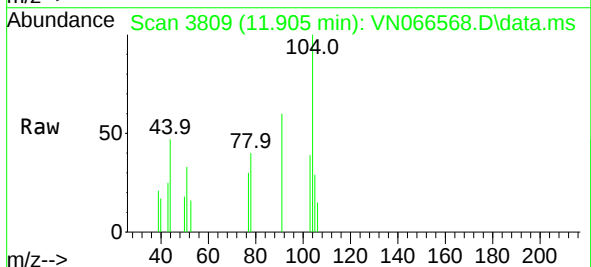
Instrument :
MSVOA_N
ClientSampled :

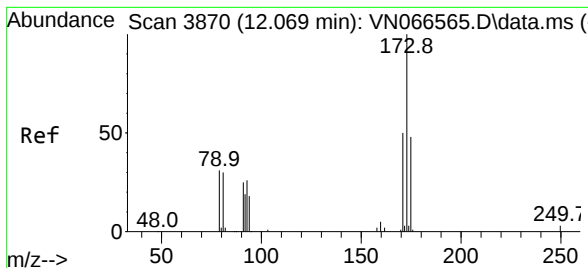
Tgt Ion:106 Resp: 724
Ion Ratio Lower Upper
106 100
91 286.9 115.1 345.2



#70
Styrene
Concen: 3.24 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion:104 Resp: 1727
Ion Ratio Lower Upper
104 100
78 29.8 44.6 67.0#
103 44.9 45.5 68.3#





#71

Bromoform

Concen: 0.38 ug/l

RT: 12.077 min Scan# 3873

Delta R.T. 0.008 min

Lab File: VN066568.D

Acq: 9 Apr 2021 20:33

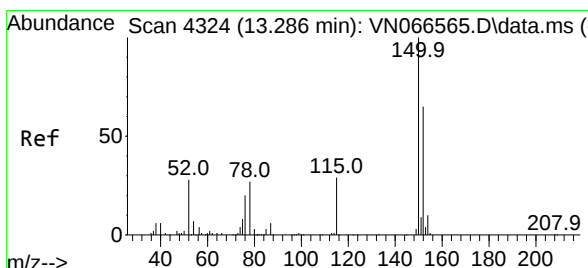
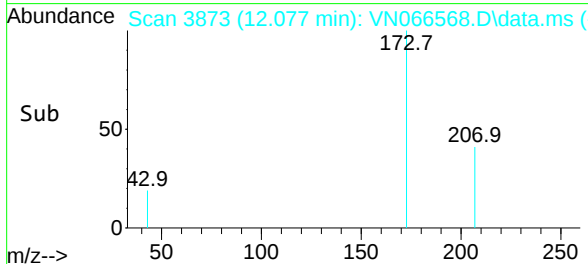
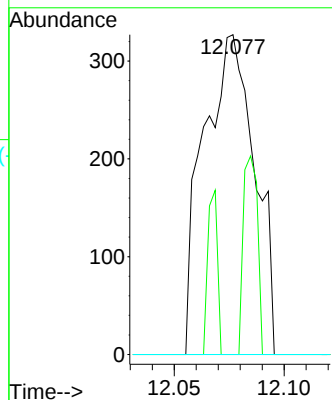
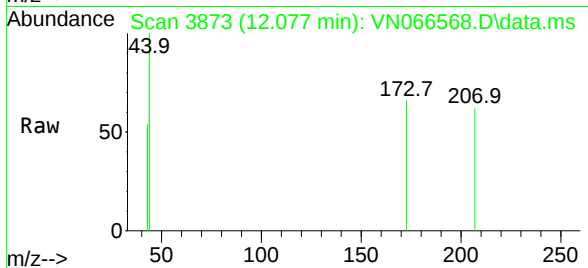
Tgt Ion:173 Resp: 527

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.289 min Scan# 4325

Delta R.T. 0.003 min

Lab File: VN066568.D

Acq: 9 Apr 2021 20:33

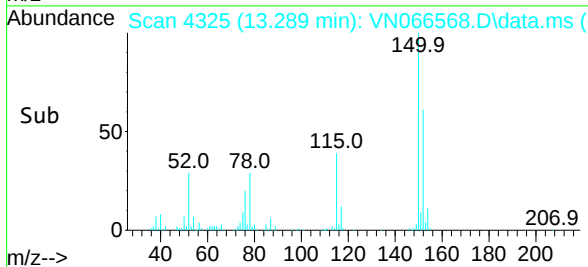
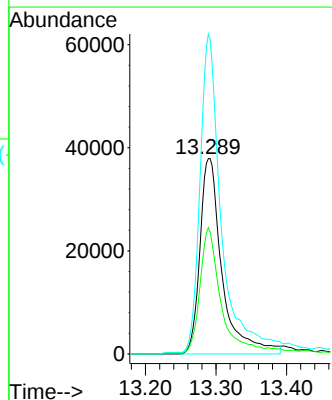
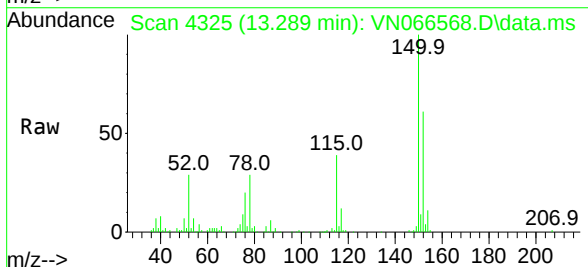
Tgt Ion:152 Resp: 83161

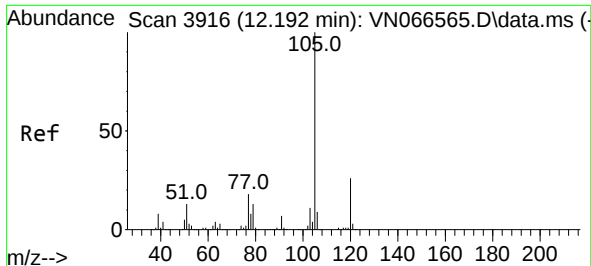
Ion Ratio Lower Upper

152 100

115 58.2 29.3 87.8

150 156.5 0.0 347.0

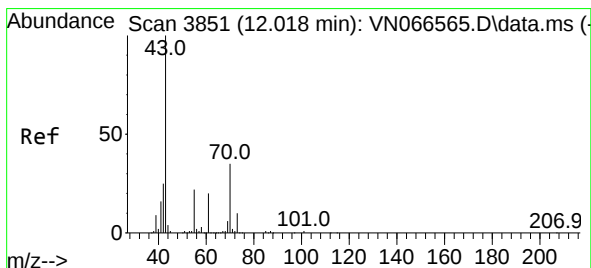
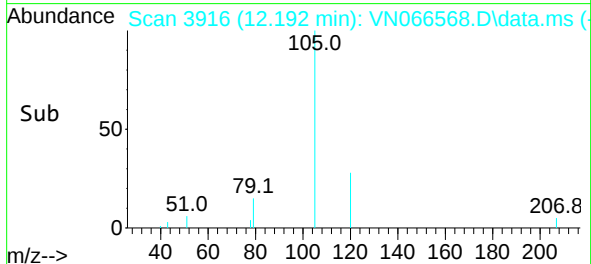
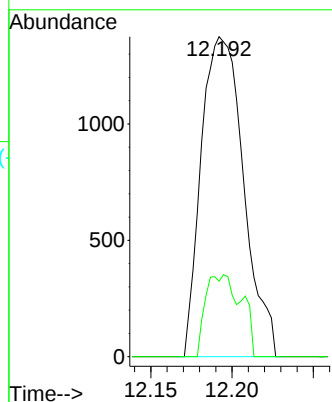
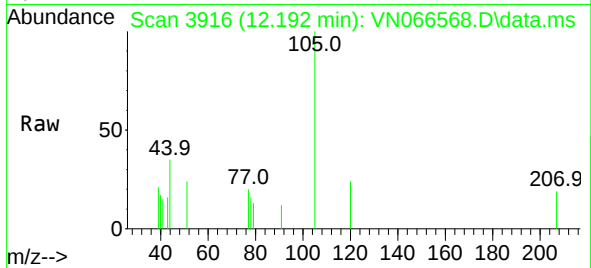




#73
Isopropylbenzene
Concen: 0.38 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

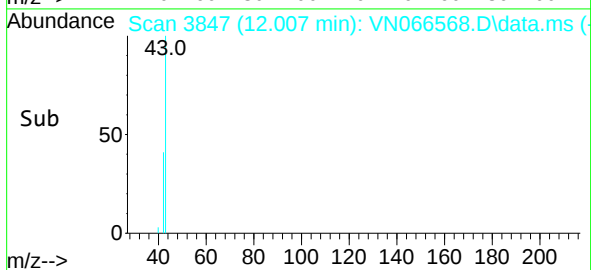
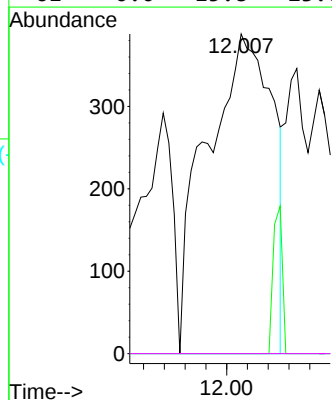
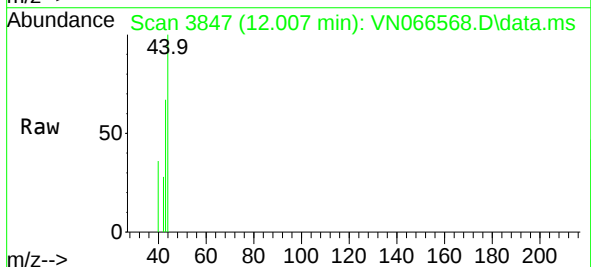
Instrument :
MSVOA_N
ClientSampled :

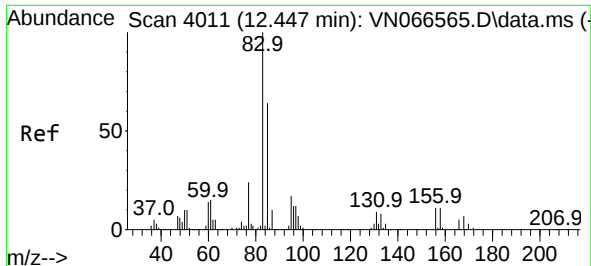
Tgt Ion:105 Resp: 2495
Ion Ratio Lower Upper
105 100
120 16.9 13.0 39.0



#74
N-ethyl acetate
Concen: 11.34 ug/l
RT: 12.007 min Scan# 3847
Delta R.T. -0.011 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
70 6.3 26.2 39.4#
55 0.0 17.6 26.4#
61 0.0 15.8 23.6#

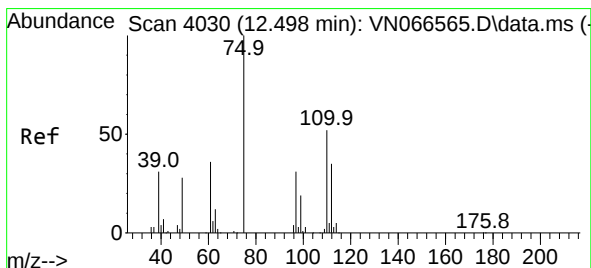
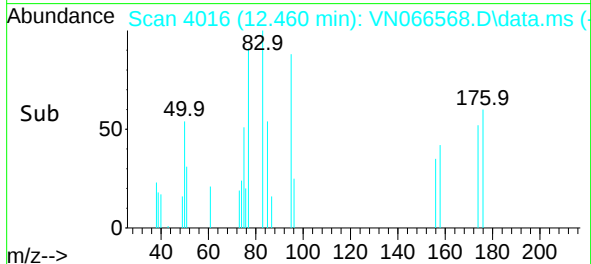
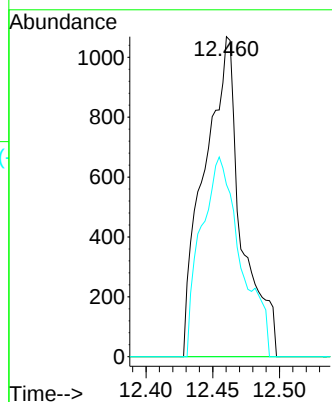
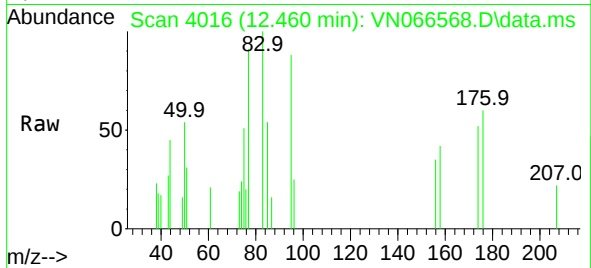




#75
1,1,2,2-Tetrachloroethane
Concen: 0.81 ug/l
RT: 12.460 min Scan# 4016
Delta R.T. 0.013 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

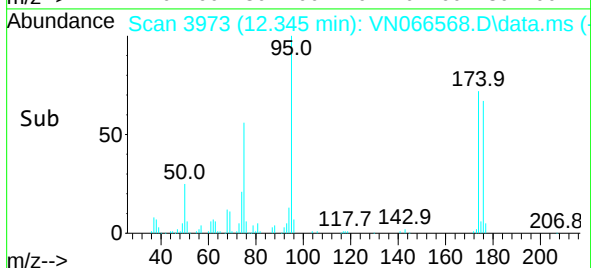
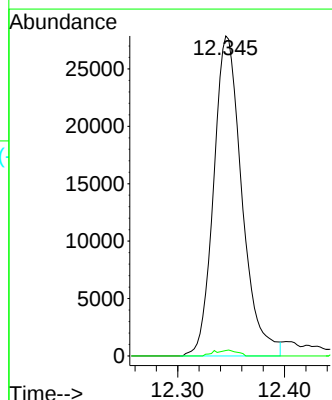
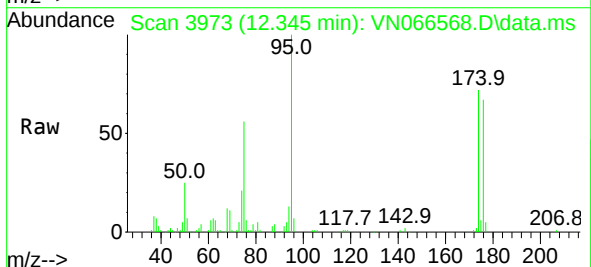
Instrument :
MSVOA_N
ClientSampled :

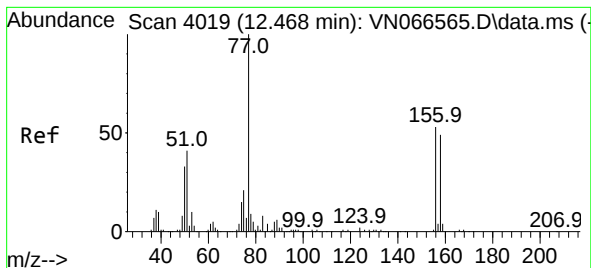
Tgt Ion: 83 Resp: 2069
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 66.7 30.4 91.3



#76
1,2,3-Trichloropropane
Concen: 23.08 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 75 Resp: 51189
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

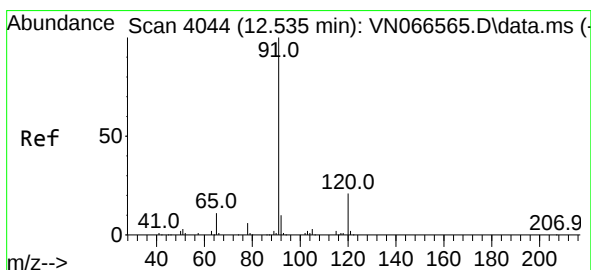
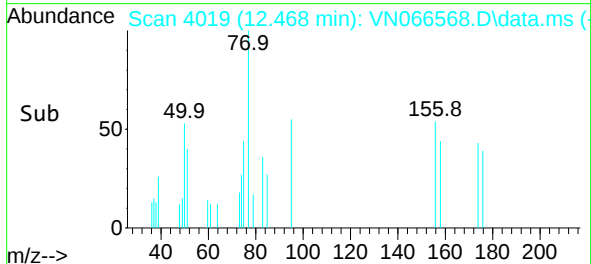
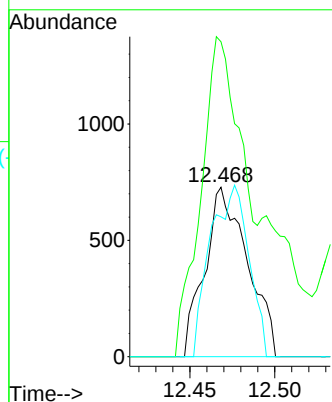
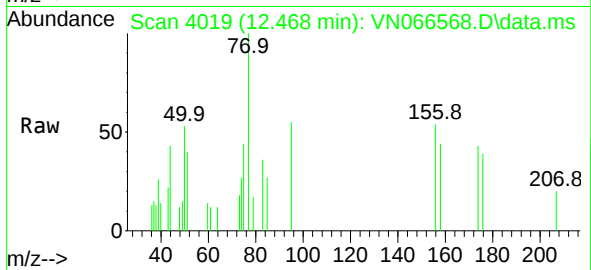




#77
Bromobenzene
Concen: 1.17 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

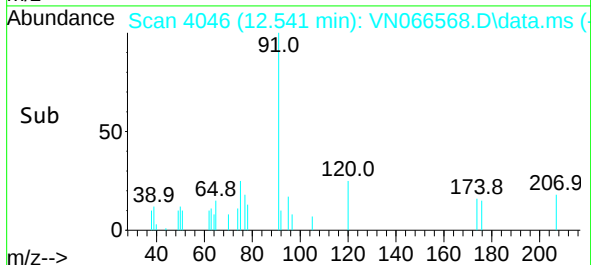
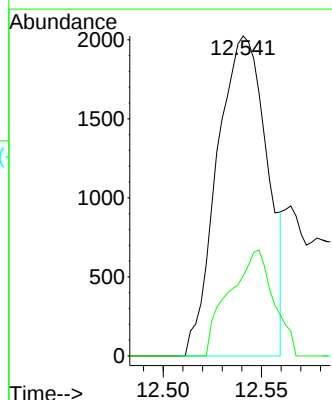
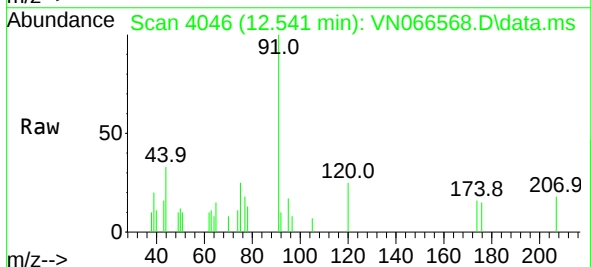
Instrument :
MSVOA_N
ClientSampled :

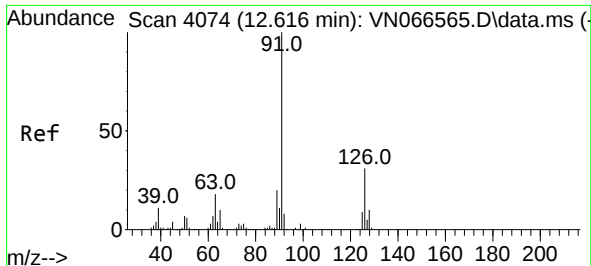
Tgt Ion:156 Resp: 1272
Ion Ratio Lower Upper
156 100
77 186.2 118.0 354.0
158 91.2 47.4 142.2



#78
n-propylbenzene
Concen: 0.46 ug/l
RT: 12.541 min Scan# 4046
Delta R.T. 0.005 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 91 Resp: 3587
Ion Ratio Lower Upper
91 100
120 29.1 10.7 32.1

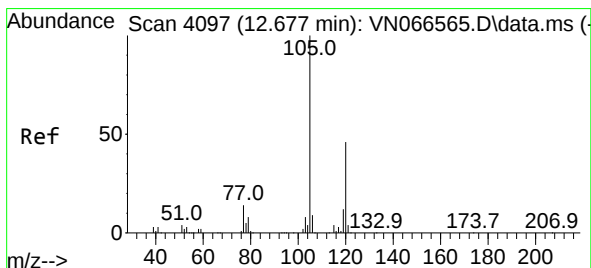
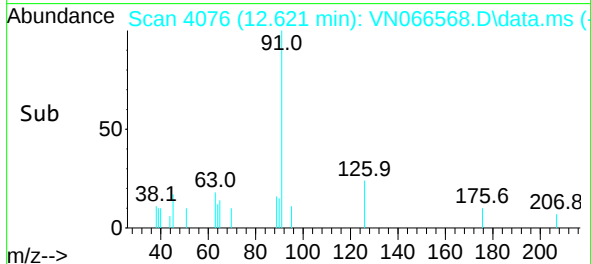
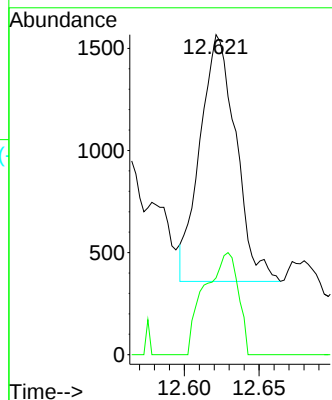
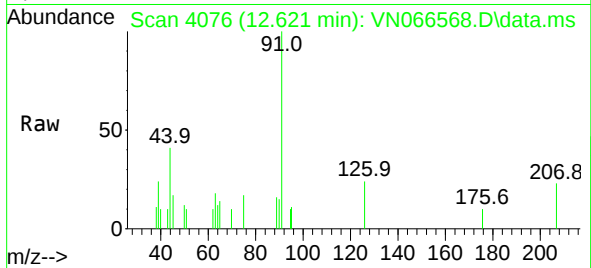




#79
2-Chlorotoluene
Concen: 0.43 ug/l
RT: 12.621 min Scan# 4076
Delta R.T. 0.005 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

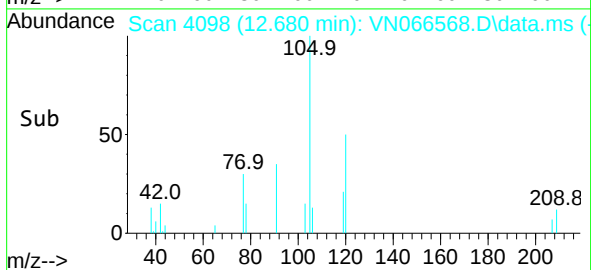
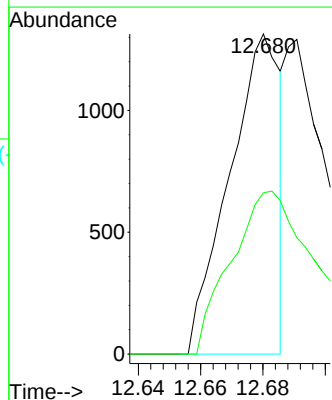
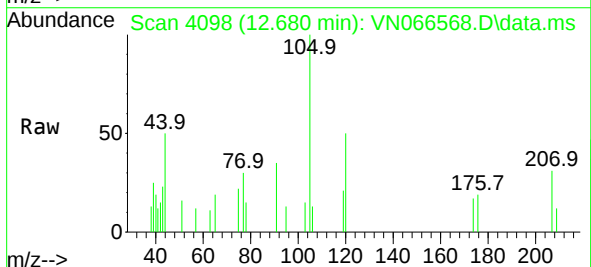
Instrument :
MSVOA_N
ClientSampleId :

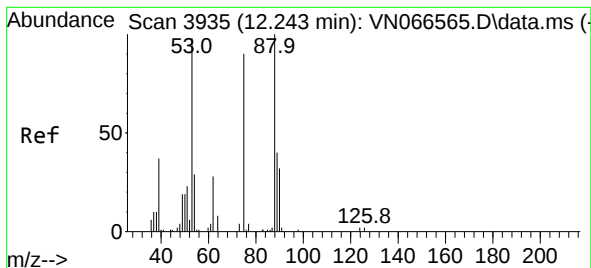
Tgt Ion: 91 Resp: 2020
Ion Ratio Lower Upper
91 100
126 38.6 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 0.27 ug/l
RT: 12.680 min Scan# 4098
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 105 Resp: 1476
Ion Ratio Lower Upper
105 100
120 90.3 23.1 69.3#

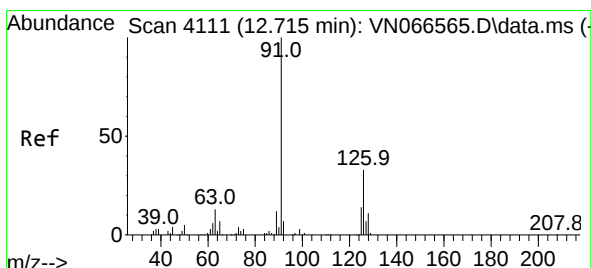
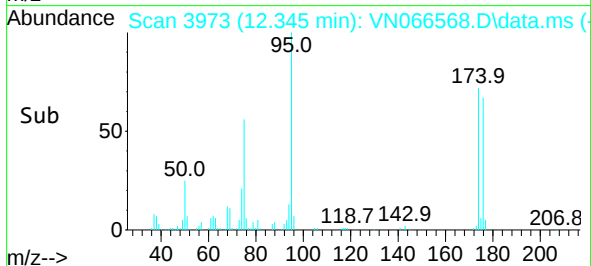
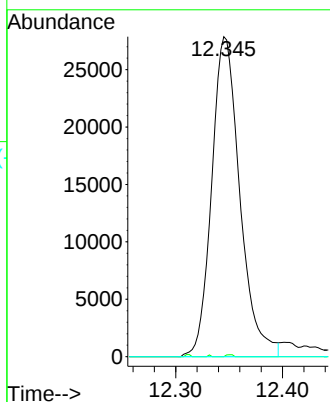
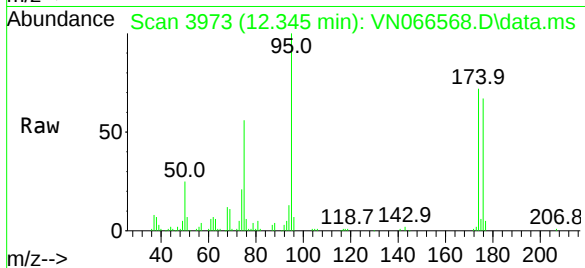




#81
trans-1,4-Dichloro-2-butene
Concen: 70.13 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

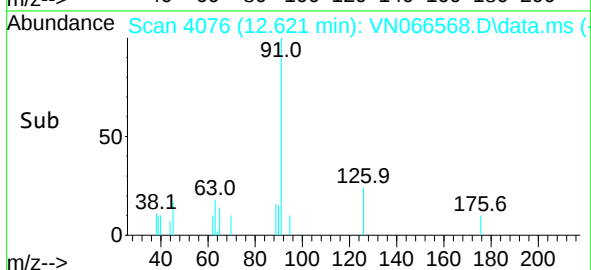
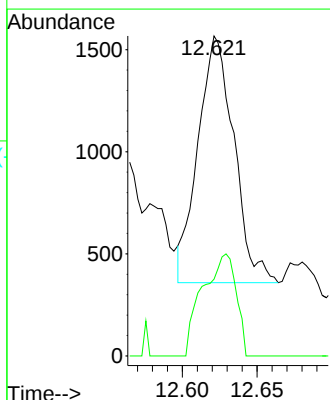
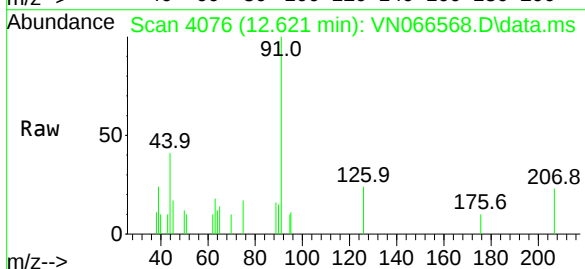
Instrument :
MSVOA_N
ClientSampleId :

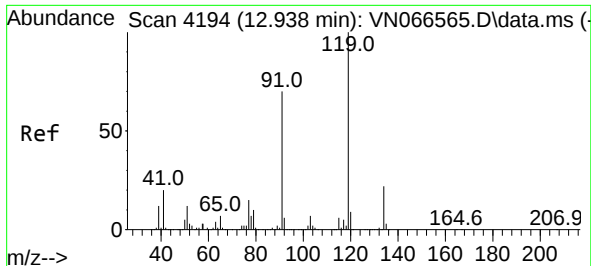
Tgt Ion: 75 Resp: 51189
Ion Ratio Lower Upper
75 100
53 0.2 83.1 124.7#
89 0.0 34.2 51.4#



#82
4-Chlorotoluene
Concen: 0.42 ug/l
RT: 12.621 min Scan# 4076
Delta R.T. -0.094 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

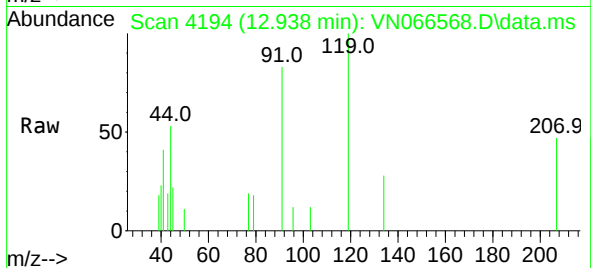
Tgt Ion: 91 Resp: 2020
Ion Ratio Lower Upper
91 100
126 38.6 15.4 46.2



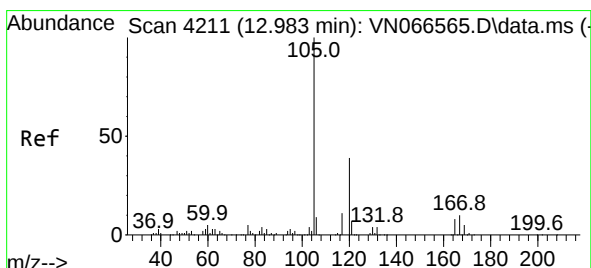
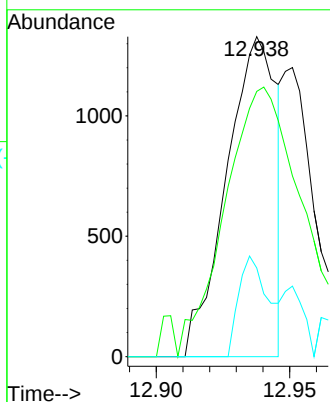
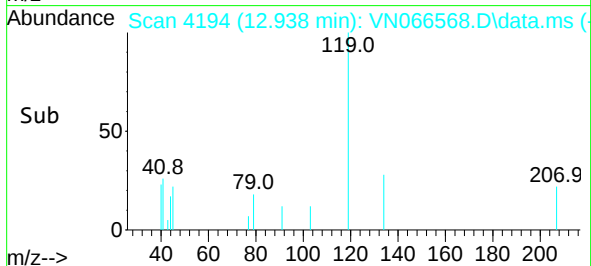


#83
tert-Butylbenzene
Concen: 0.37 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

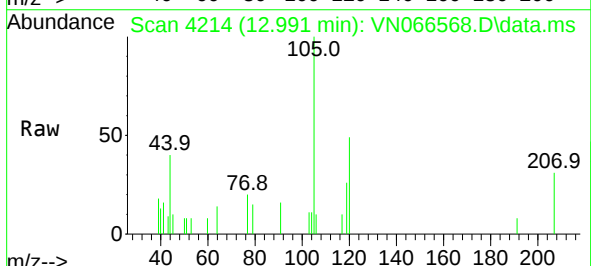
Instrument :
MSVOA_N
ClientSampleId :



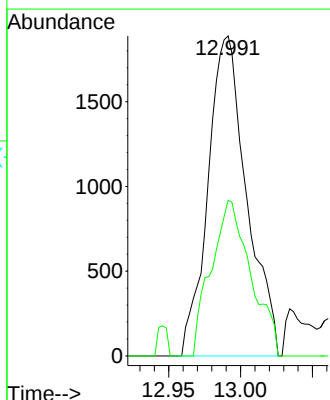
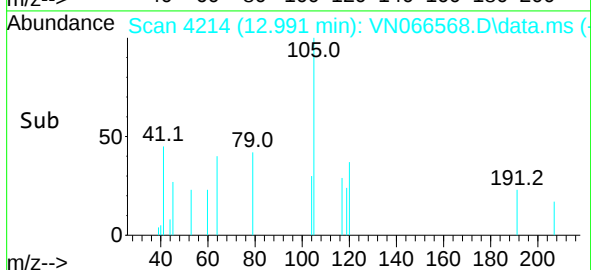
Tgt Ion:119 Resp: 1717
Ion Ratio Lower Upper
119 100
91 139.5 34.6 103.8#
134 16.8 11.1 33.1

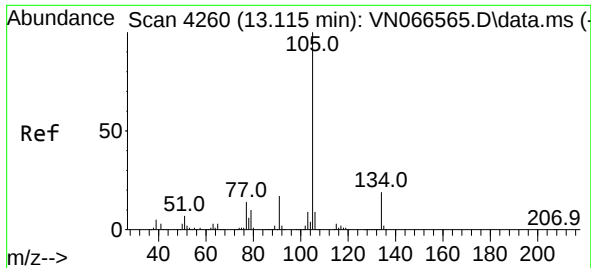


#84
1,2,4-Trimethylbenzene
Concen: 0.67 ug/l
RT: 12.991 min Scan# 4214
Delta R.T. 0.008 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33



Tgt Ion:105 Resp: 3537
Ion Ratio Lower Upper
105 100
120 49.7 22.1 66.3

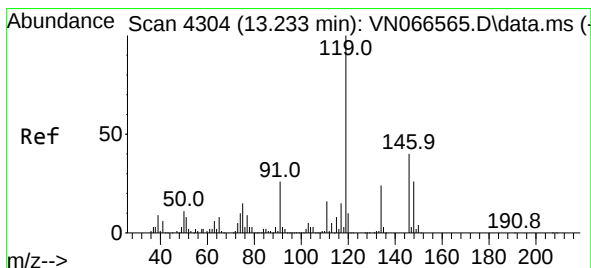
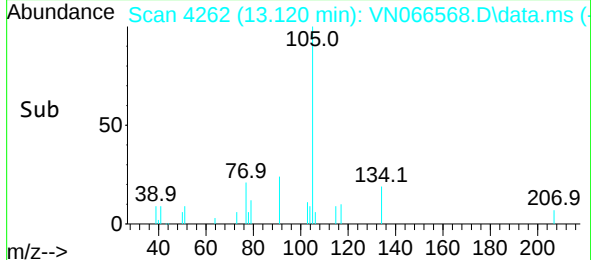
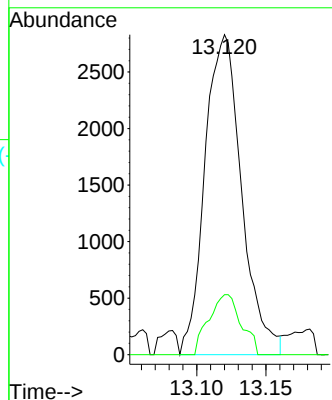
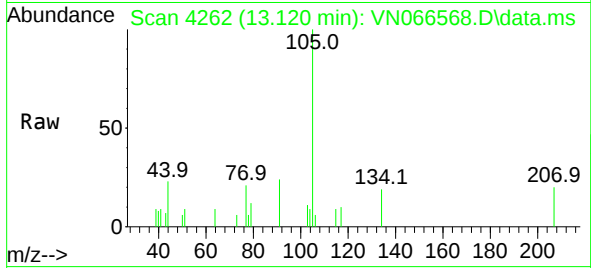




#85
 sec-Butylbenzene
 Concen: 2.38 ug/l
 RT: 13.120 min Scan# 4262
 Delta R.T. 0.005 min
 Lab File: VN066568.D
 Acq: 9 Apr 2021 20:33

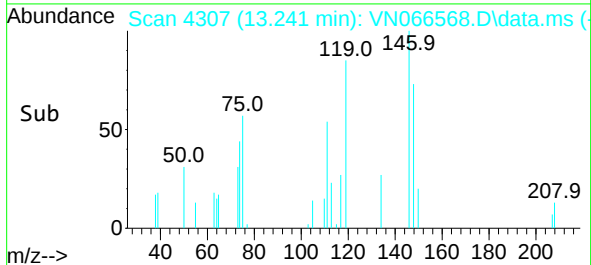
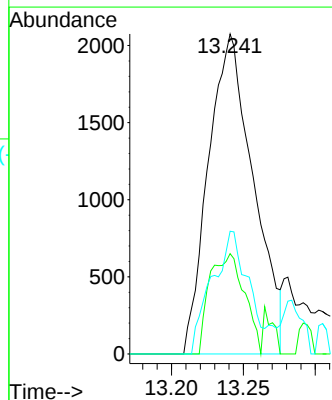
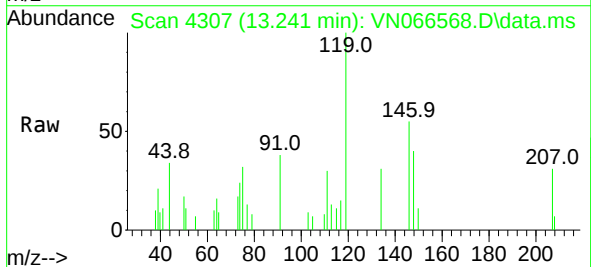
Instrument :
 MSVOA_N
 ClientSampled :

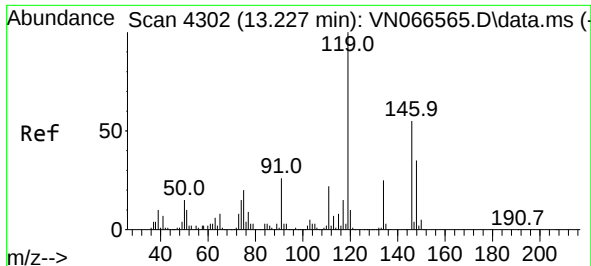
Tgt Ion:105 Resp: 5217
 Ion Ratio Lower Upper
 105 100
 134 16.5 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 2.69 ug/l
 RT: 13.241 min Scan# 4307
 Delta R.T. 0.008 min
 Lab File: VN066568.D
 Acq: 9 Apr 2021 20:33

Tgt Ion:119 Resp: 4509
 Ion Ratio Lower Upper
 119 100
 134 24.2 12.4 37.2
 91 30.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 1.75 ug/l

RT: 13.230 min Scan# 4303

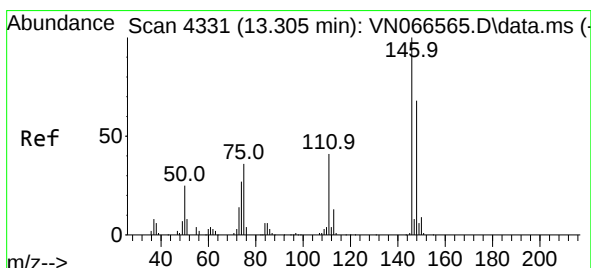
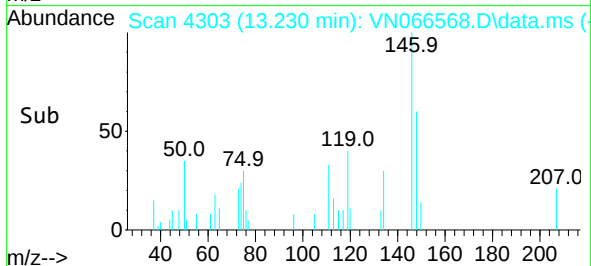
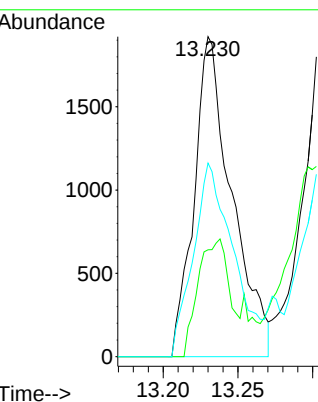
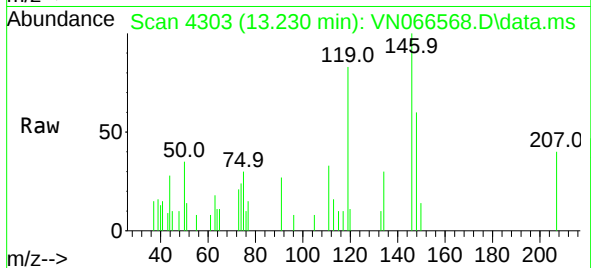
Delta R.T. 0.003 min

Lab File: VN066568.D

Acq: 9 Apr 2021 20:33

Tgt Ion:	146	Resp:	3366
Ion	Ratio	Lower	Upper
146	100		
111	31.0	20.4	61.2
148	64.6	31.6	94.8

Instrument :
MSVOA_N
ClientSampleId :



#88

1,4-Dichlorobenzene

Concen: 2.52 ug/l

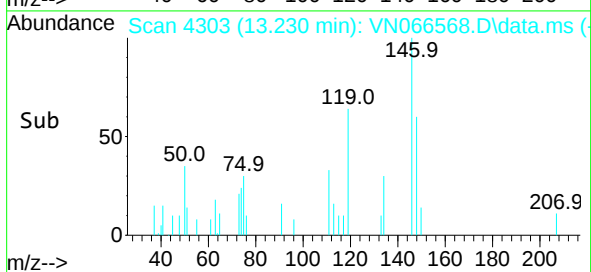
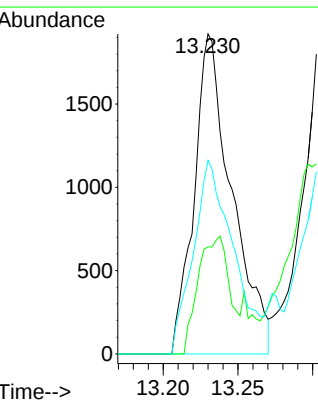
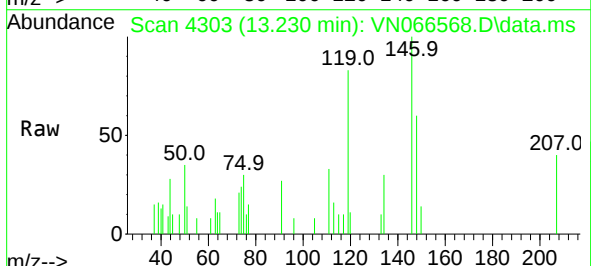
RT: 13.230 min Scan# 4303

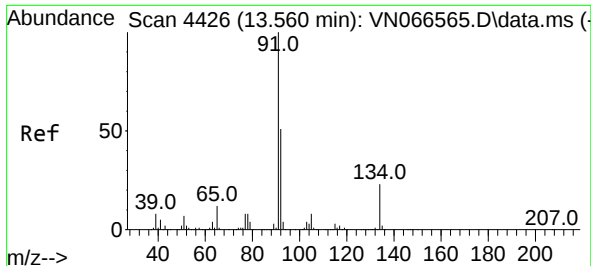
Delta R.T. -0.075 min

Lab File: VN066568.D

Acq: 9 Apr 2021 20:33

Tgt Ion:	146	Resp:	3366
Ion	Ratio	Lower	Upper
146	100		
111	31.0	21.3	64.0
148	64.6	33.4	100.1

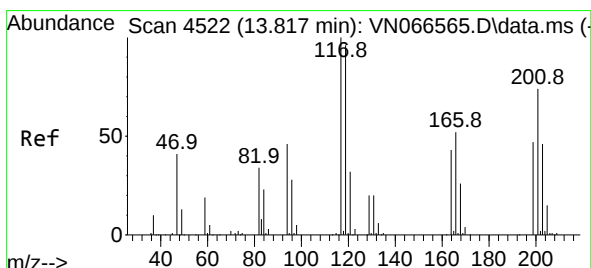
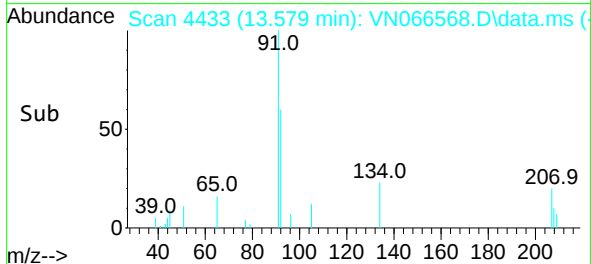
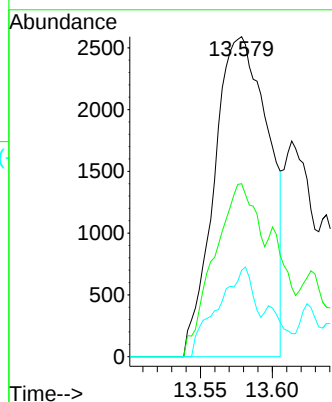
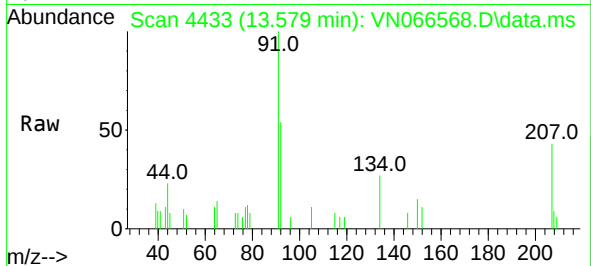




#89
n-Butylbenzene
Concen: 4.09 ug/l
RT: 13.579 min Scan# 4433
Delta R.T. 0.019 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

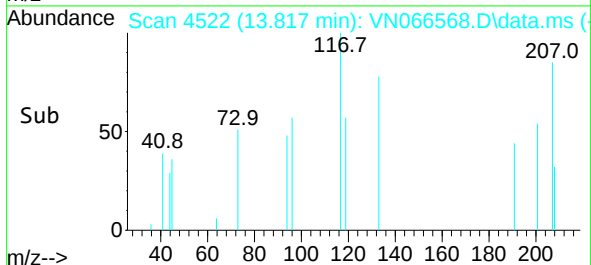
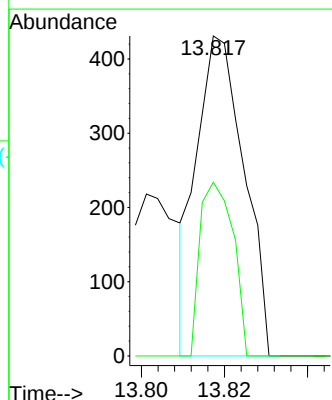
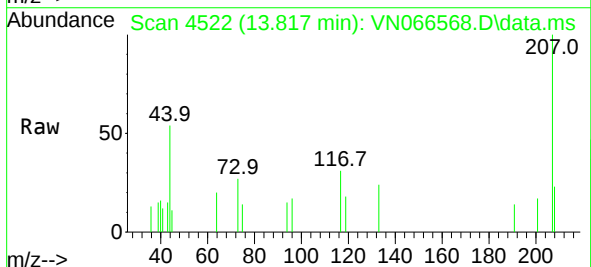
Instrument :
MSVOA_N
ClientSampleId :

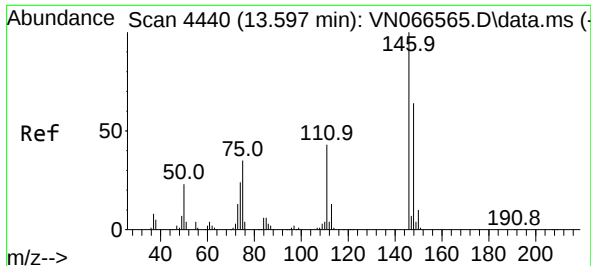
Tgt Ion: 91 Resp: 6794
Ion Ratio Lower Upper
91 100
92 44.7 24.9 74.6
134 19.1 11.5 34.5



#90
Hexachloroethane
Concen: 0.55 ug/l
RT: 13.817 min Scan# 4522
Delta R.T. 0.000 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion: 117 Resp: 341
Ion Ratio Lower Upper
117 100
201 38.1 37.4 112.2

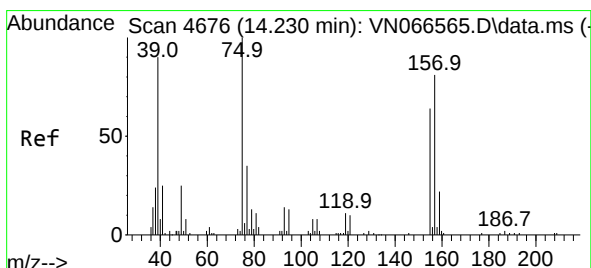
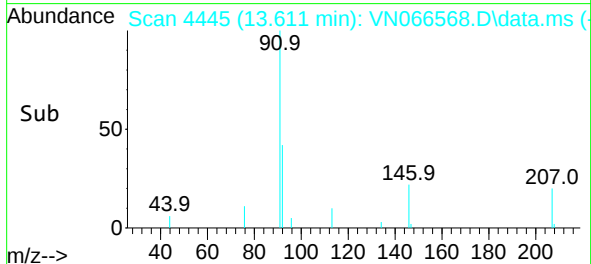
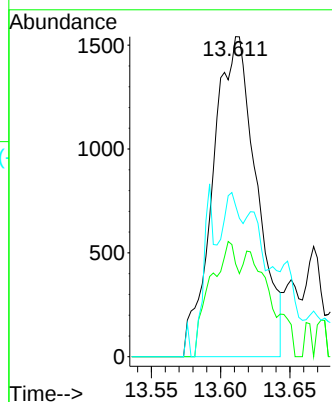
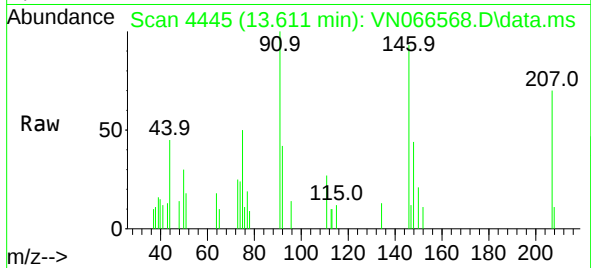




#91
1,2-Dichlorobenzene
Concen: 1.62 ug/l
RT: 13.611 min Scan# 4445
Delta R.T. 0.014 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

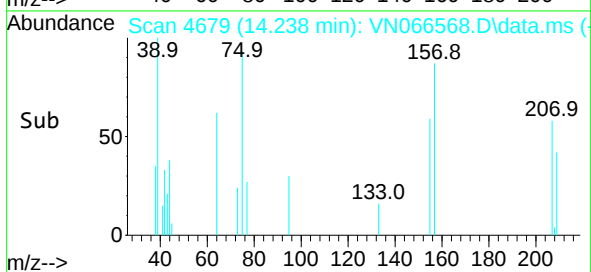
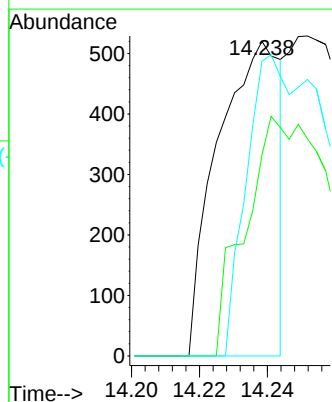
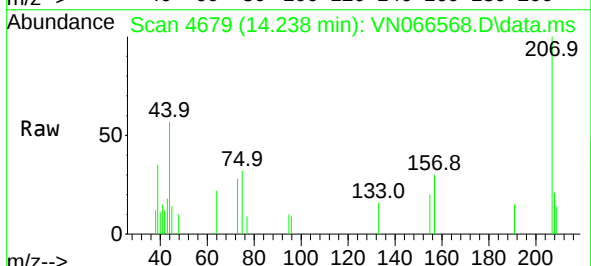
Instrument :
MSVOA_N
ClientSampled :

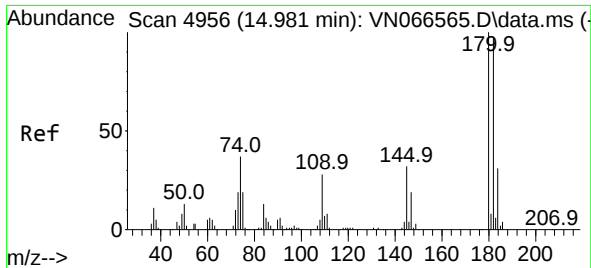
Tgt Ion:146 Resp: 3373
Ion Ratio Lower Upper
146 100
111 22.6 21.9 65.5
148 9.1 31.3 93.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.24 ug/l
RT: 14.238 min Scan# 4679
Delta R.T. 0.008 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

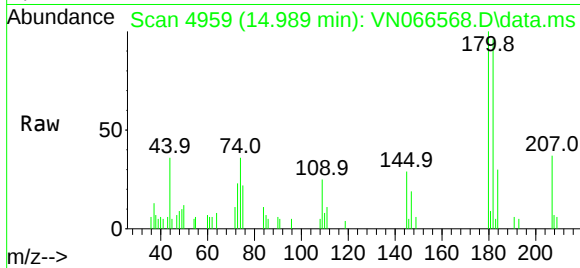
Tgt Ion: 75 Resp: 659
Ion Ratio Lower Upper
75 100
155 103.9 35.6 106.8
157 65.6 44.0 132.1



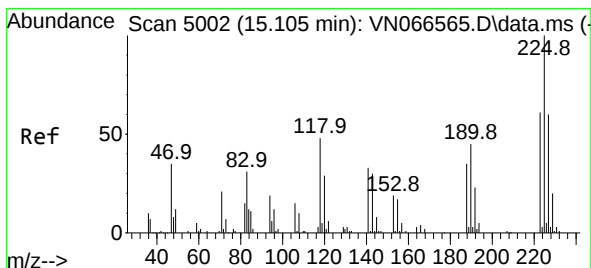
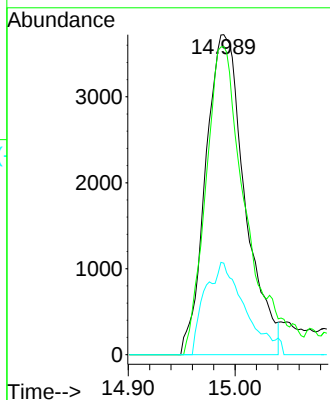
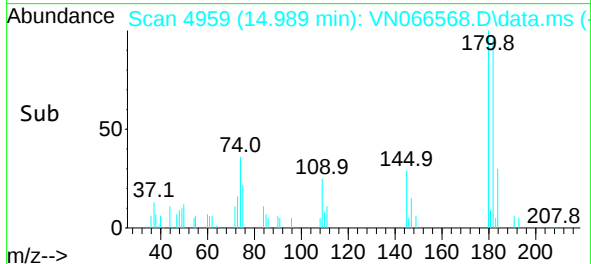


#93
1,2,4-Trichlorobenzene
Concen: 7.97 ug/l
RT: 14.989 min Scan# 4959
Delta R.T. 0.008 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

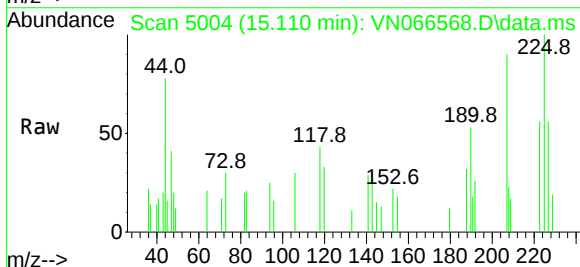
Instrument :
MSVOA_N
ClientSampled :



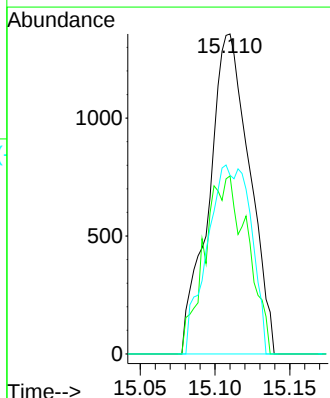
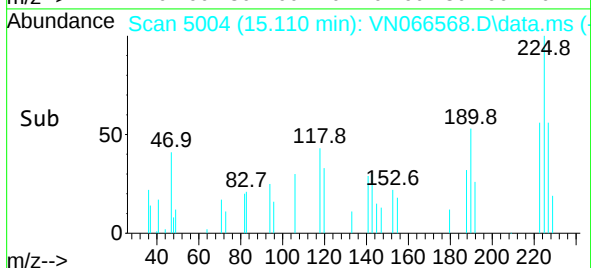
Tgt Ion:180 Resp: 9488
Ion Ratio Lower Upper
180 100
182 97.2 46.3 138.8
145 29.5 15.9 47.7

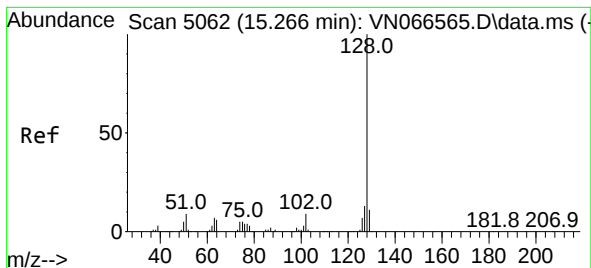


#94
Hexachlorobutadiene
Concen: 2.81 ug/l
RT: 15.110 min Scan# 5004
Delta R.T. 0.005 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33



Tgt Ion:225 Resp: 2570
Ion Ratio Lower Upper
225 100
223 58.9 31.4 94.2
227 39.9 31.1 93.2

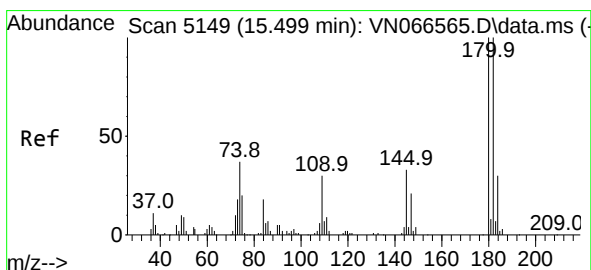
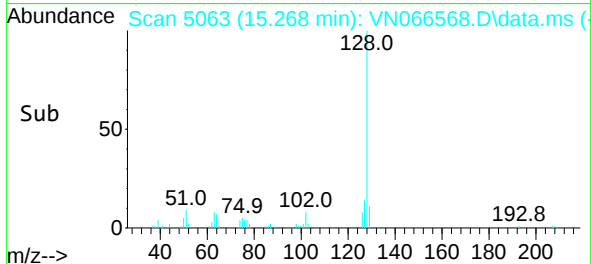
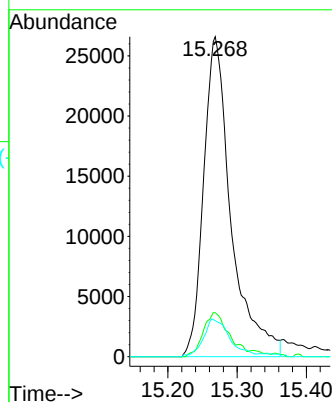
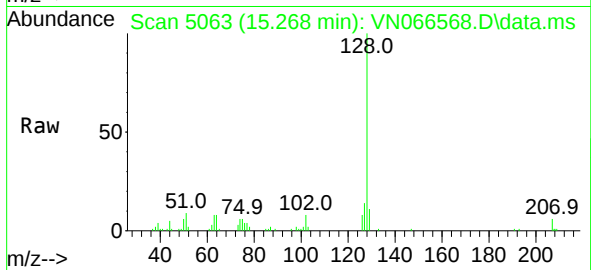




#95
Naphthalene
Concen: 18.38 ug/l
RT: 15.268 min Scan# 5063
Delta R.T. 0.002 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 73055
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.3 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 10.20 ug/l
RT: 15.502 min Scan# 5150
Delta R.T. 0.003 min
Lab File: VN066568.D
Acq: 9 Apr 2021 20:33

Tgt Ion:180 Resp: 13216
Ion Ratio Lower Upper
180 100
182 102.7 48.7 146.1
145 32.2 16.8 50.3

