

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066022.D
 Acq On : 25 Feb 2021 12:42
 Operator : JC/MD
 Sample : M1472-02
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:18:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	119820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	191308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	177362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	97732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	78872	47.07	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.14%
35) Dibromofluoromethane	7.550	113	57781	48.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.60%
50) Toluene-d8	10.058	98	243867	50.18	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.36%
62) 4-Bromofluorobenzene	12.373	95	114432	62.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	125.44%

Target Compounds					Qvalue	
3) Chloromethane	2.049	50	1118	0.57	ug/l	89
5) Bromomethane	2.502	94	519	0.44	ug/l	98
6) Chloroethane	2.611	64	274	0.25	ug/l #	43
11) Tert butyl alcohol	4.695	59	357	1.53	ug/l #	73
13) Acrolein	3.573	56	1226	5.75	ug/l	87
14) Allyl chloride	4.473	41	4313	1.88	ug/l #	25
15) Acrylonitrile	4.959	53	266	0.41	ug/l #	28
16) Acetone	3.788	43	162	Below	Cal #	41
18) Methyl Acetate	4.528	43	61914	44.72	ug/l #	51
20) Methylene Chloride	4.499	84	332	0.21	ug/l #	52
23) Vinyl Acetate	5.865	43	1127	0.31	ug/l #	71
25) 2-Butanone	6.766	43	1913	2.31	ug/l #	46
29) Tetrahydrofuran	7.171	42	401	0.70	ug/l #	32
30) Chloroform	7.277	83	10551	4.02	ug/l #	17
31) Cyclohexane	7.592	56	84438	33.80	ug/l #	56
36) 1,1-Dichloropropene	7.624	75	9271	4.91	ug/l #	48
37) Ethyl Acetate	6.766	43	1913	1.12	ug/l #	68
38) Carbon Tetrachloride	7.624	117	12043	6.87	ug/l #	15
39) Methylcyclohexane	9.042	83	204968	96.70	ug/l	88
40) Benzene	8.000	78	110651	19.12	ug/l	98
41) Methacrylonitrile	7.155	41	1958	2.37	ug/l #	100
43) Isopropyl Acetate	8.106	43	26702	9.84	ug/l #	53
45) 1,2-Dichloropropane	9.106	63	603	0.41	ug/l #	1
46) Dibromomethane	9.116	93	508	0.56	ug/l #	1
47) Bromodichloromethane	9.354	83	27589	15.01	ug/l #	25
48) Methyl methacrylate	9.183	41	16342	11.88	ug/l #	23
51) 4-Methyl-2-Pentanone	9.987	43	38594	23.36	ug/l #	80
52) Toluene	10.122	92	28818	8.11	ug/l	95
53) t-1,3-Dichloropropene	10.347	75	213	2.07	ug/l #	1
55) 1,1,2-Trichloroethane	10.499	97	126341	94.98	ug/l #	19
56) Ethyl methacrylate	10.399	69	7959	3.98	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.627	63	1930	2.02	ug/l #	47
59) 2-Hexanone	10.688	43	120751	102.62	ug/l #	29
60) Dibromochloromethane	10.791	129	454	0.33	ug/l #	11
61) 1,2-Dibromoethane	10.945	107	1052	0.78	ug/l #	1
65) Chlorobenzene	11.511	112	4672	1.26	ug/l #	42

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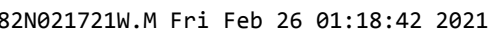
Instrument :
 MSVOA_N
 ClientSampleId :

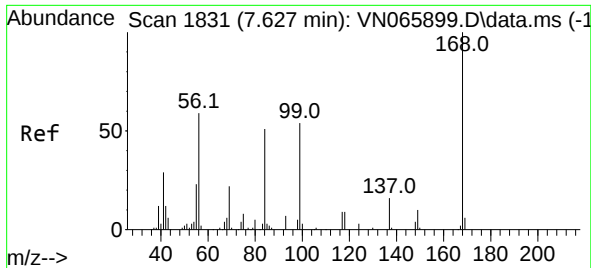
Quant Time: Feb 26 01:18:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.482	91	449250	66.92	ug/l	98
68) m/p-Xylenes	11.589	106	120755	48.21	ug/l	95
69) o-Xylene	11.920	106	16720	6.92	ug/l	90
70) Styrene	11.926	104	879	0.22	ug/l #	1
71) Bromoform	12.357	173	31	2.53	ug/l #	1
73) Isopropylbenzene	12.222	105	1007925	126.36	ug/l	100
74) N-amyl acetate	12.016	43	123617	44.68	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.531	83	49615	21.08	ug/l #	55
76) 1,2,3-Trichloropropane	12.563	75	21067	8.97	ug/l #	100
78) n-propylbenzene	12.563	91	3205344	353.35	ug/l	98
79) 2-Chlorotoluene	12.704	91	154417	27.16	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.704	105	1439226	212.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.222	75	12500	16.97	ug/l #	46
82) 4-Chlorotoluene	12.704	91	154417	26.90	ug/l #	44
83) tert-Butylbenzene	12.968	119	22911	4.09	ug/l #	79
84) 1,2,4-Trimethylbenzene	13.013	105	769184	113.08	ug/l	99
85) sec-Butylbenzene	13.145	105	661606	91.01	ug/l #	71
86) p-Isopropyltoluene	13.260	119	264173	40.03	ug/l	97
89) n-Butylbenzene	13.585	91	1531690	275.27	ug/l #	72
90) Hexachloroethane	13.862	117	473651	423.91	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.219	75	14721	32.05	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.884	180	1600	3.33	ug/l #	1
94) Hexachlorobutadiene	14.984	225	352	0.47	ug/l #	59
95) Naphthalene	15.100	128	4232748	704.10	ug/l	97
96) 1,2,3-Trichlorobenzene	15.251	180	6681	5.83	ug/l #	1

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

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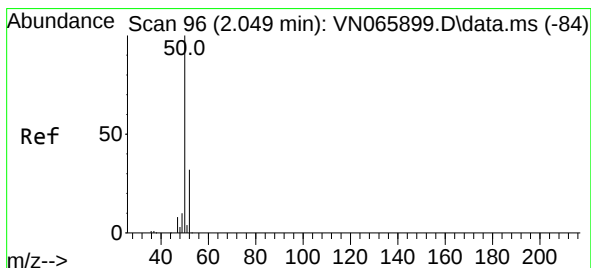
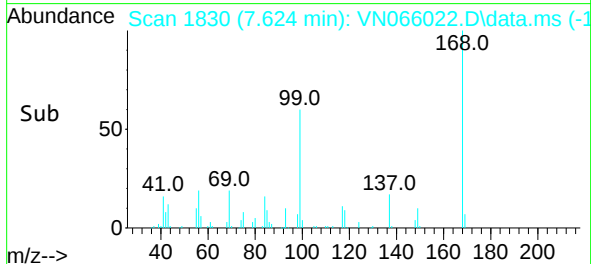
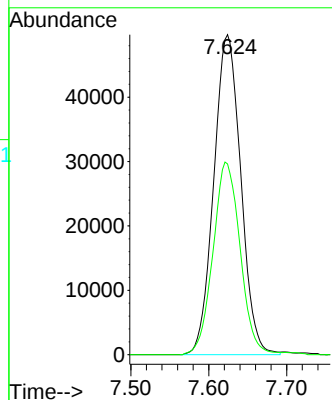
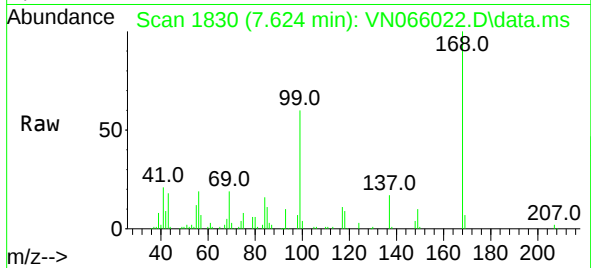




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

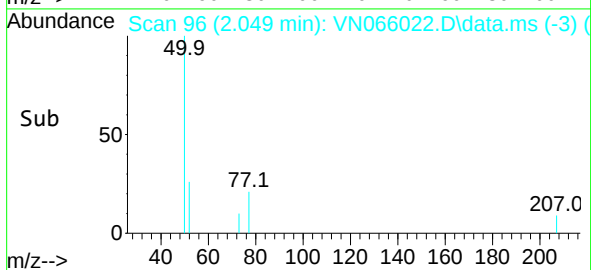
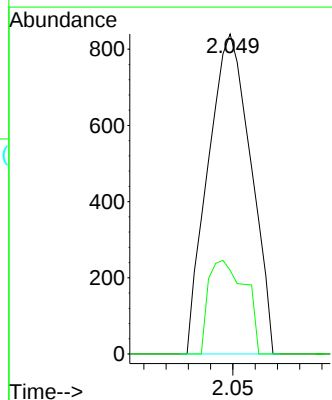
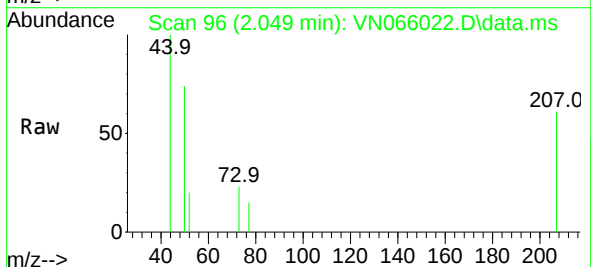
Instrument :
MSVOA_N
ClientSampled :

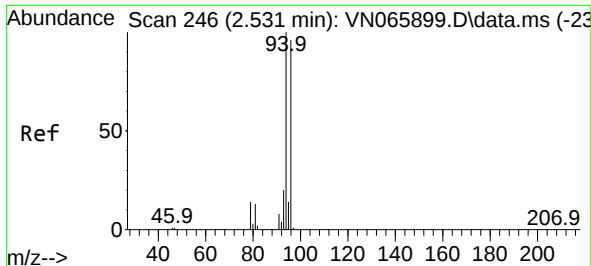
Tgt Ion:168 Resp: 119820
Ion Ratio Lower Upper
168 100
99 59.6 42.6 63.8



#3
Chloromethane
Concen: 0.57 ug/l
RT: 2.049 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 50 Resp: 1118
Ion Ratio Lower Upper
50 100
52 26.2 25.8 38.8

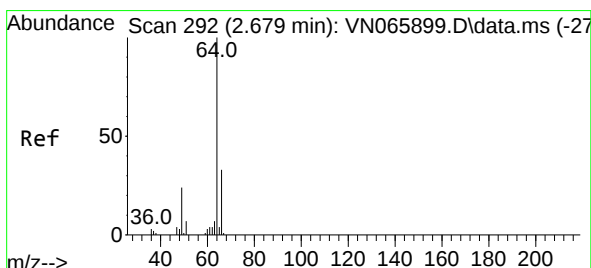
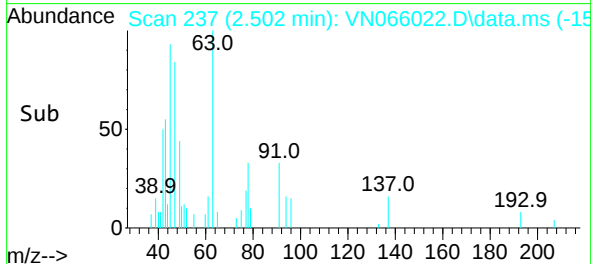
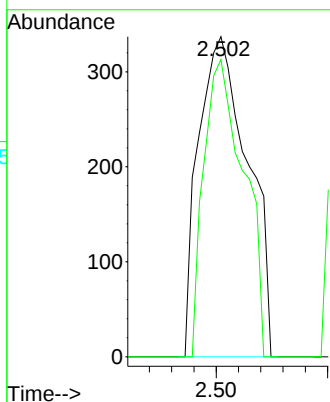
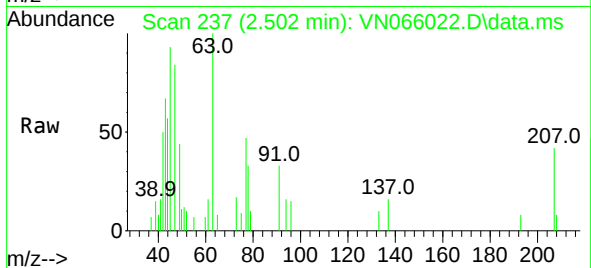




#5
Bromomethane
Concen: 0.44 ug/l
RT: 2.502 min Scan# 237
Delta R.T. -0.029 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

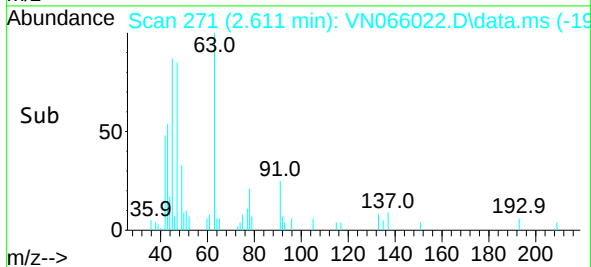
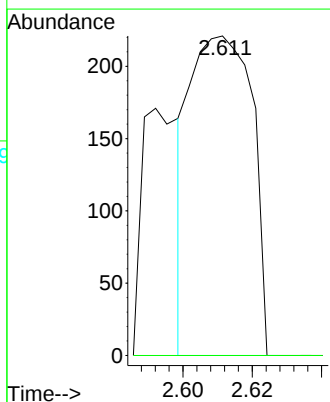
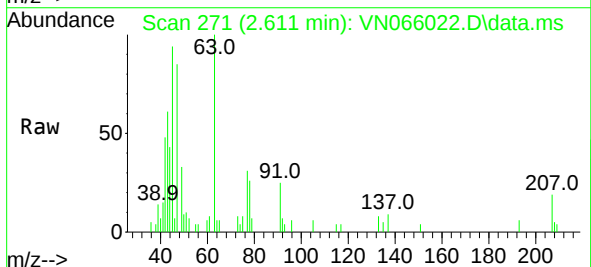
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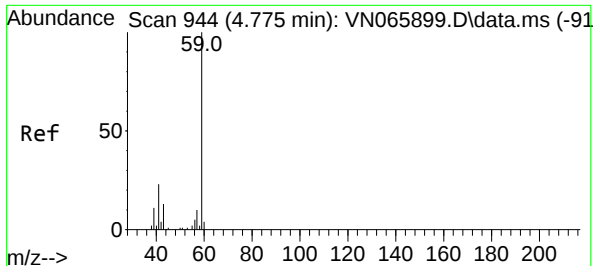
Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 92.9 73.0 109.4



#6
Chloroethane
Concen: 0.25 ug/l
RT: 2.611 min Scan# 271
Delta R.T. -0.068 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

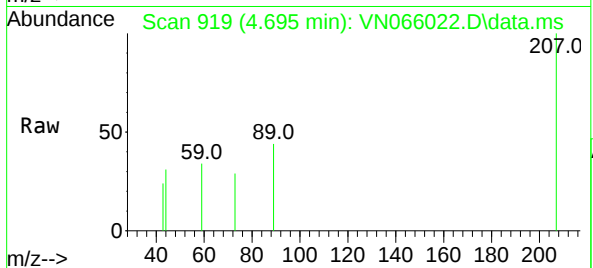




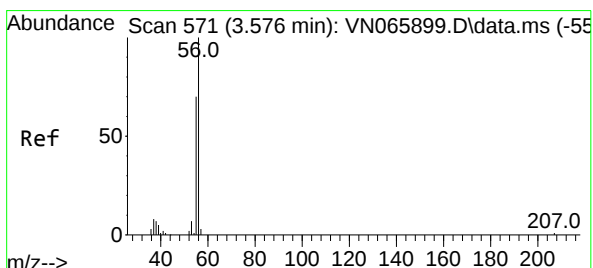
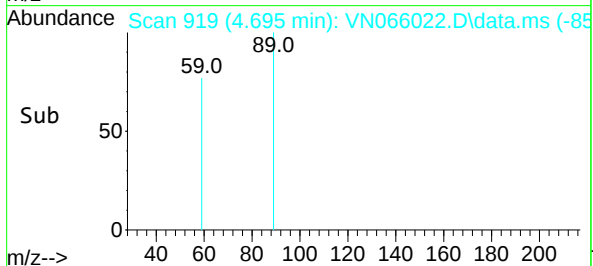
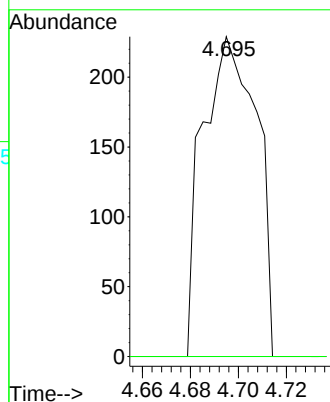
#11

Tert butyl alcohol
Concen: 1.53 ug/l
RT: 4.695 min Scan# 919
Delta R.T. -0.080 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Instrument :
MSVOA_N
ClientSampled :



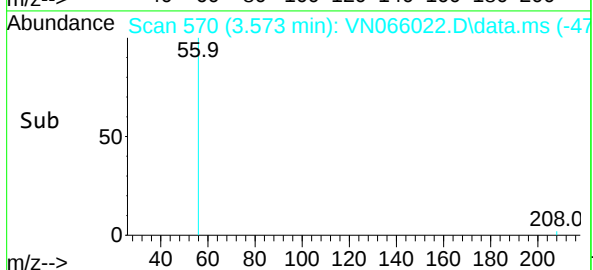
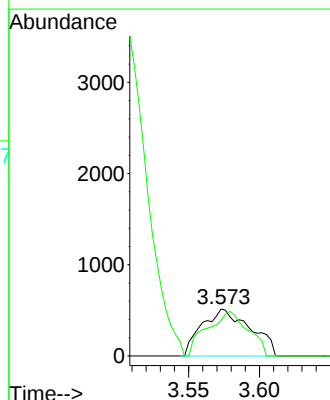
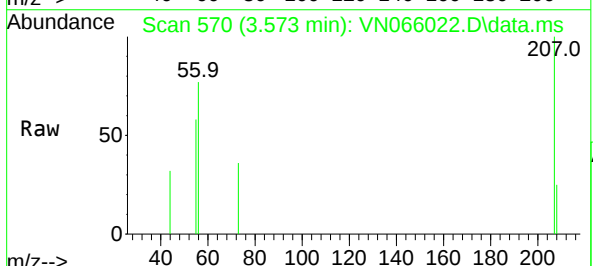
Tgt Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

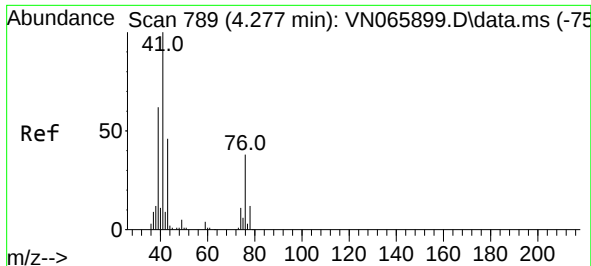


#13

Acrolein
Concen: 5.75 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

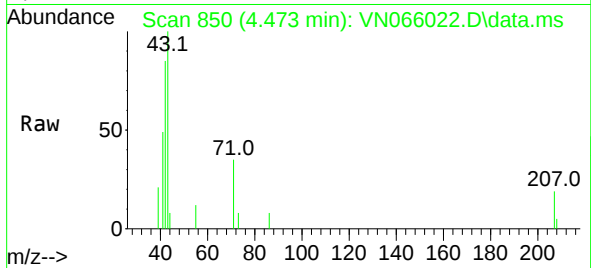
Tgt Ion: 56 Resp: 1226
Ion Ratio Lower Upper
56 100
55 80.4 56.0 84.0



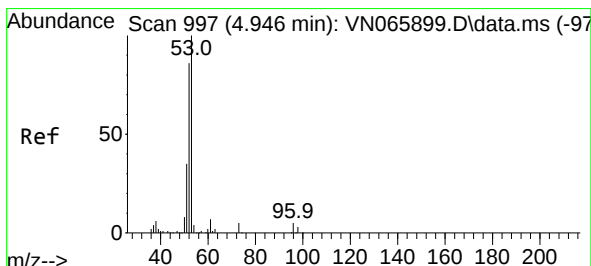
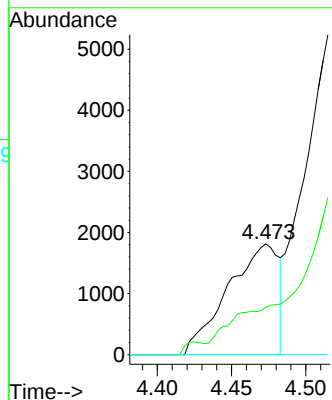
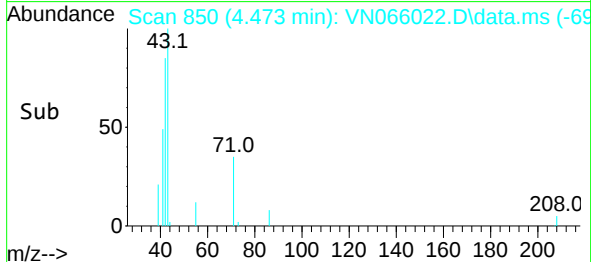


#14
 Allyl chloride
 Concen: 1.88 ug/l
 RT: 4.473 min Scan# 850
 Delta R.T. 0.196 min
 Lab File: VN066022.D
 Acq: 25 Feb 2021 12:42

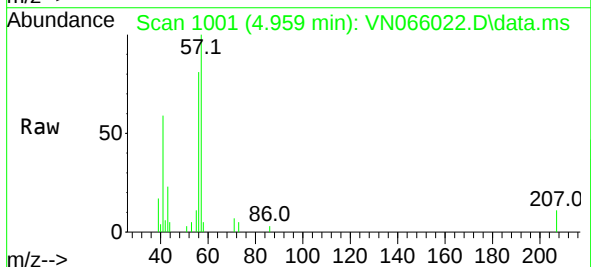
Instrument :
 MSVOA_N
 ClientSampled :



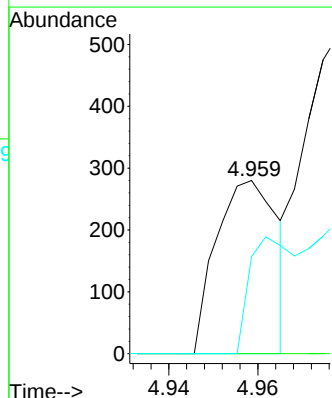
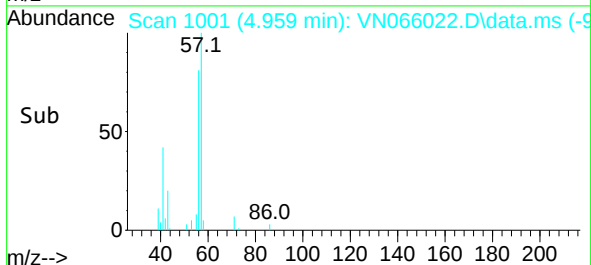
Tgt Ion: 41	Resp:	4313
Ion	Ratio	Lower Upper
41	100	
39	0.0	53.0 79.4#
76	0.0	28.9 43.3#

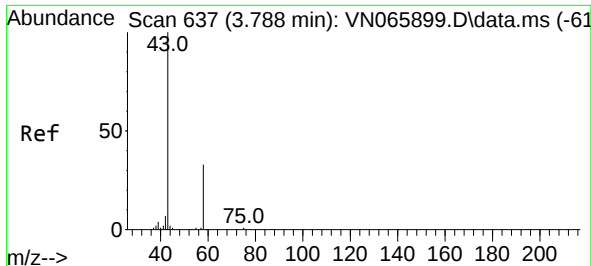


#15
 Acrylonitrile
 Concen: 0.41 ug/l
 RT: 4.959 min Scan# 1001
 Delta R.T. 0.013 min
 Lab File: VN066022.D
 Acq: 25 Feb 2021 12:42



Tgt Ion: 53	Resp:	266
Ion	Ratio	Lower Upper
53	100	
52	0.0	66.1 99.1#
51	49.2	27.9 41.9#

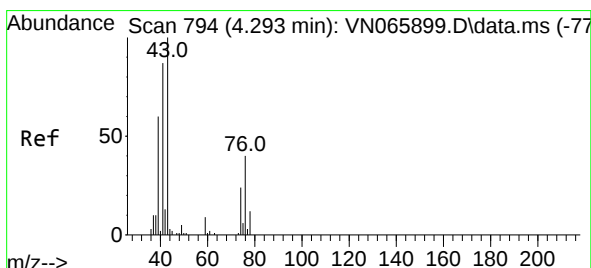
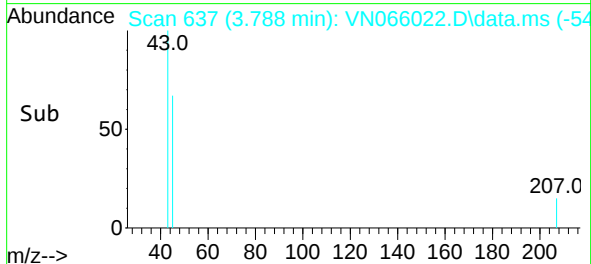
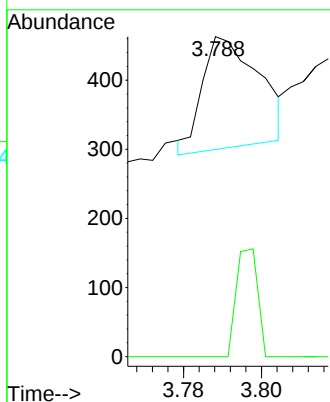
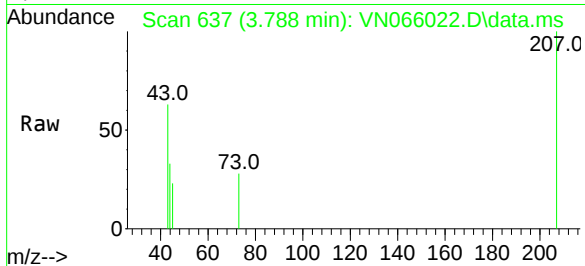




#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

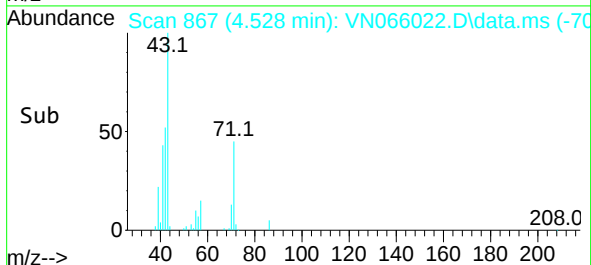
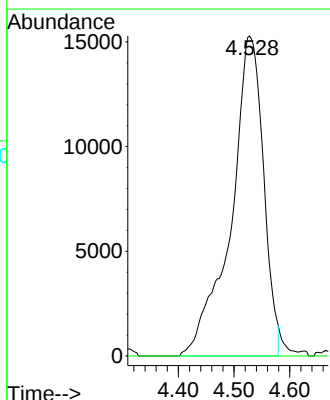
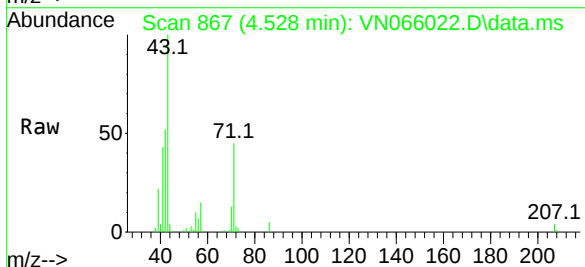
Instrument :
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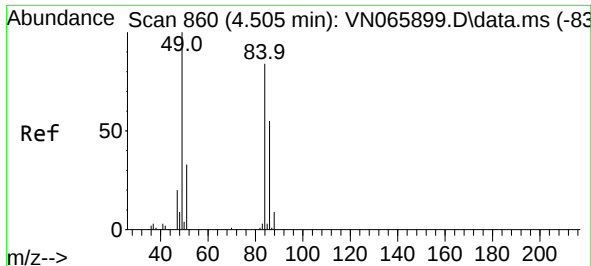
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#18
Methyl Acetate
Concen: 44.72 ug/l
RT: 4.528 min Scan# 867
Delta R.T. 0.235 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

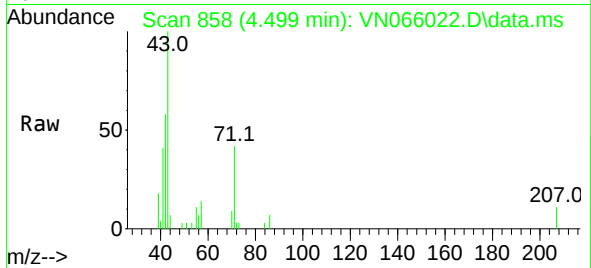
Tgt Ion: 43 Resp: 61914
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



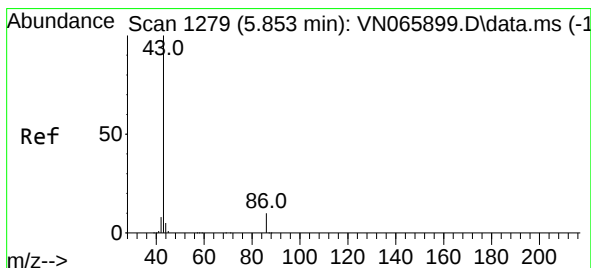
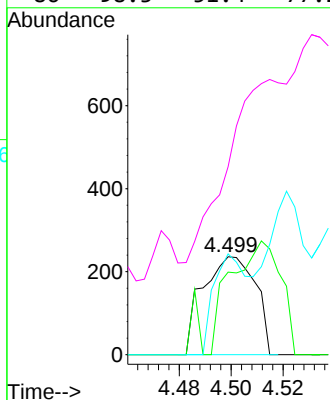
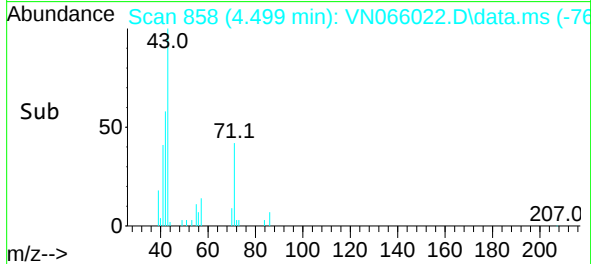


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.006 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

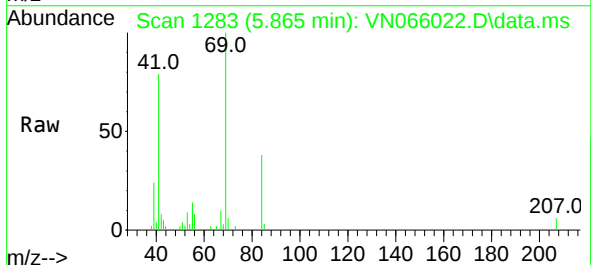
Instrument :
MSVOA_N
ClientSampleId :



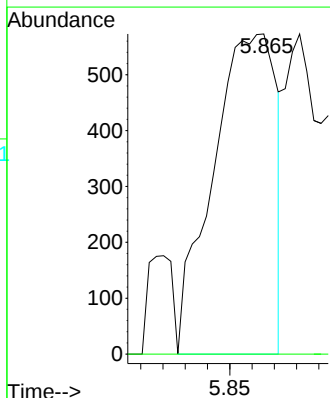
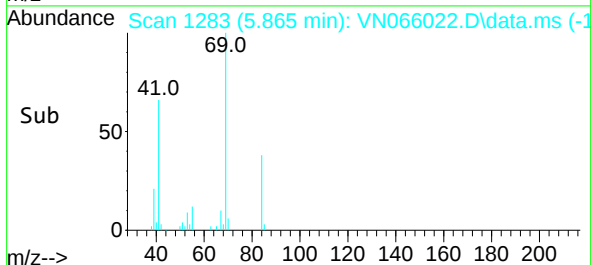
Tgt Ion: 84 Resp: 332
Ion Ratio Lower Upper
84 100
49 84.3 94.6 141.8#
51 103.0 29.9 44.9#
86 98.3 51.4 77.2#

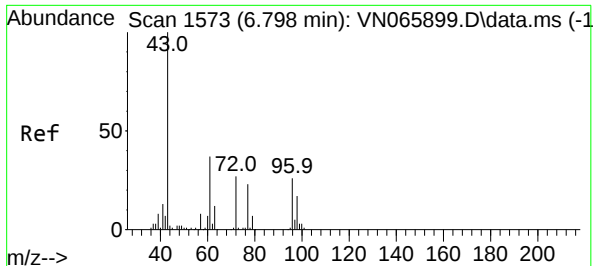


#23
Vinyl Acetate
Concen: 0.31 ug/l
RT: 5.865 min Scan# 1283
Delta R.T. 0.012 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42



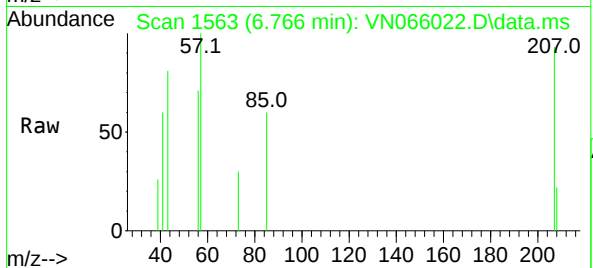
Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#



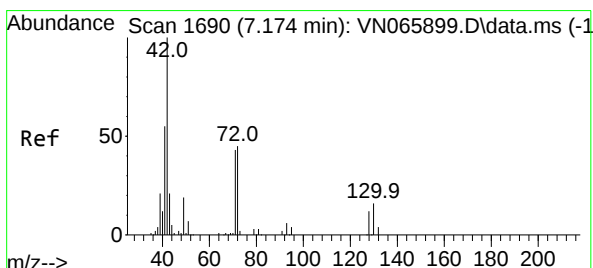
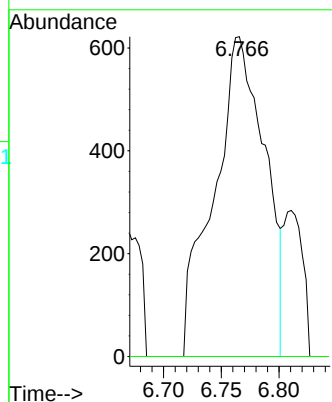
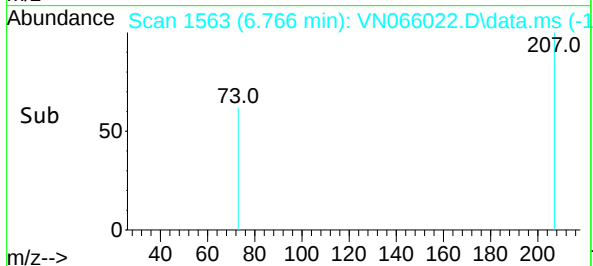


#25
2-Butanone
Concen: 2.31 ug/l
RT: 6.766 min Scan# 1563
Delta R.T. -0.032 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

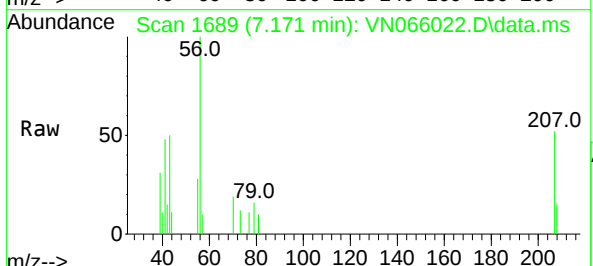
Instrument :
MSVOA_N
ClientSampled :



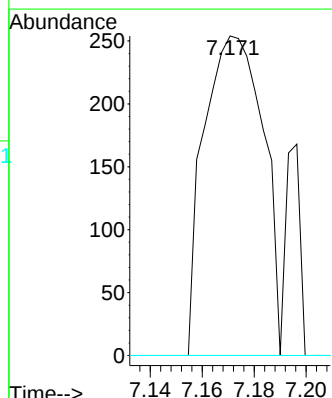
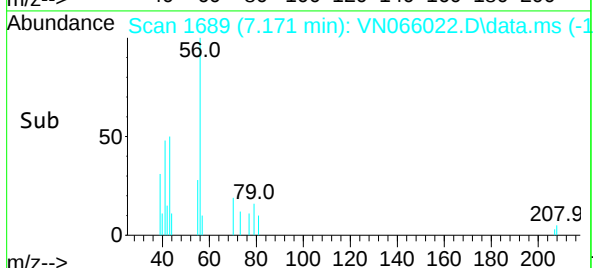
Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#

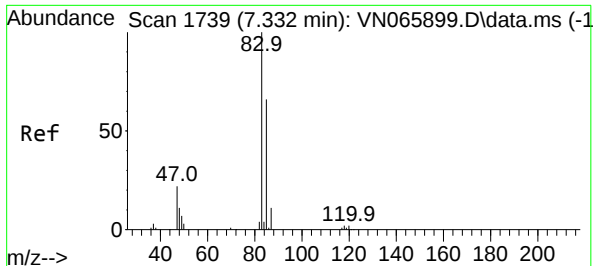


#29
Tetrahydrofuran
Concen: 0.70 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42



Tgt Ion: 42 Resp: 401
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#





#30

Chloroform

Concen: 4.02 ug/l

RT: 7.277 min Scan# 1722

Delta R.T. -0.055 min

Lab File: VN066022.D

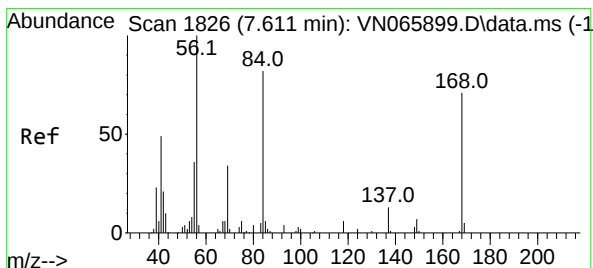
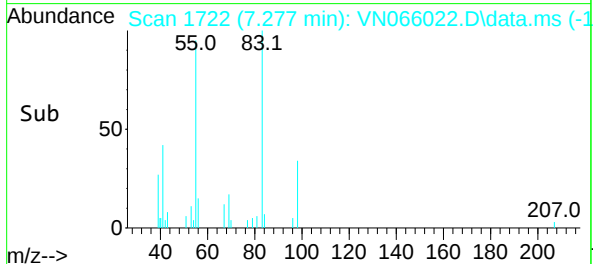
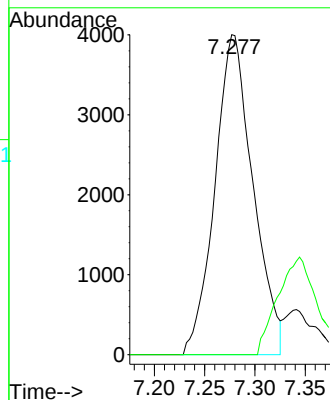
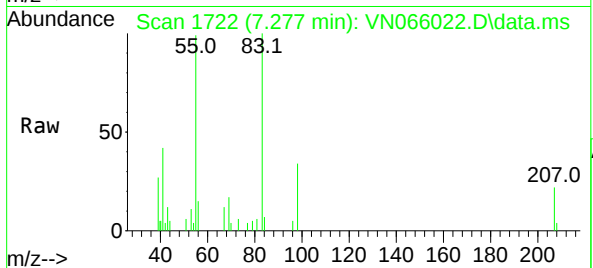
Acq: 25 Feb 2021 12:42

Tgt Ion: 83 Resp: 10551

Ion Ratio Lower Upper

83 100

85 0.0 52.6 78.8#



#31

Cyclohexane

Concen: 33.80 ug/l

RT: 7.592 min Scan# 1820

Delta R.T. -0.019 min

Lab File: VN066022.D

Acq: 25 Feb 2021 12:42

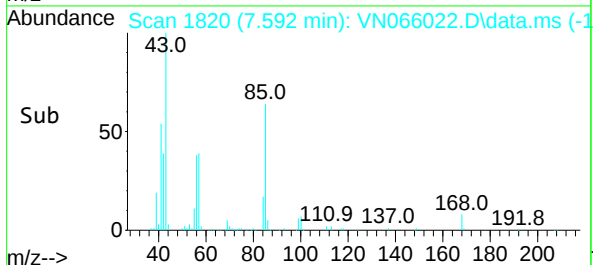
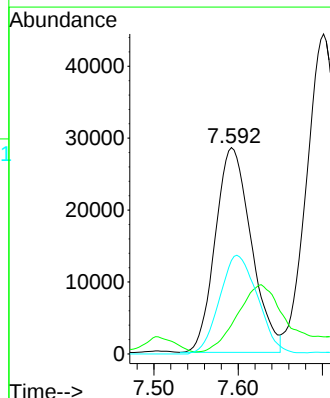
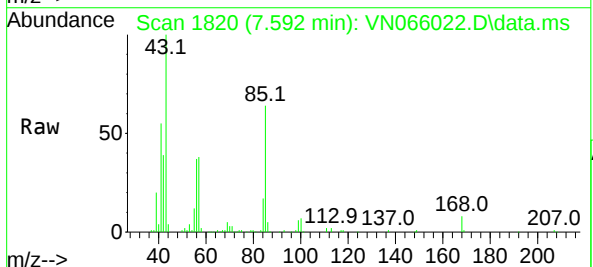
Tgt Ion: 56 Resp: 84438

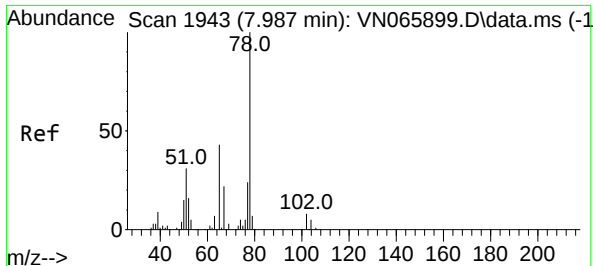
Ion Ratio Lower Upper

56 100

69 10.2 26.6 39.8#

84 45.6 70.4 105.6#

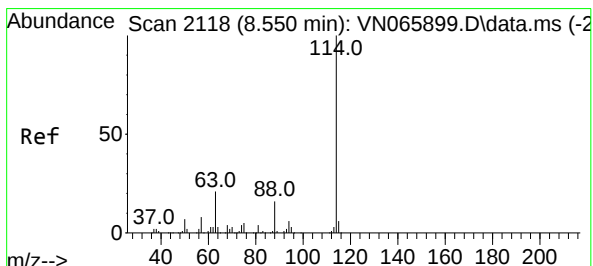
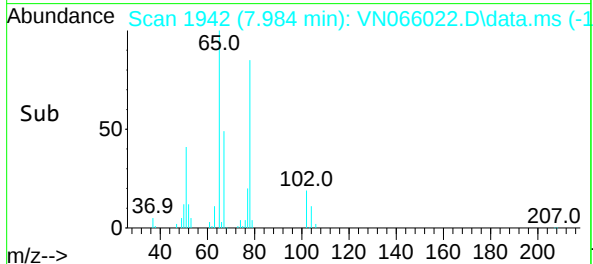
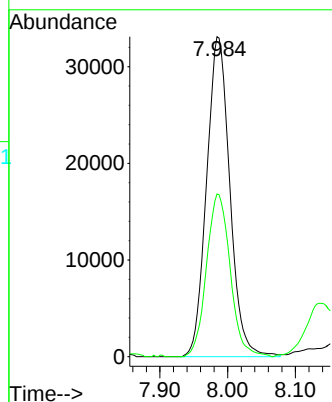
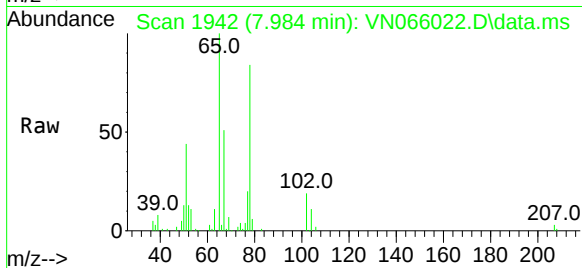




#33
1,2-Dichloroethane-d4
Concen: 47.07 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

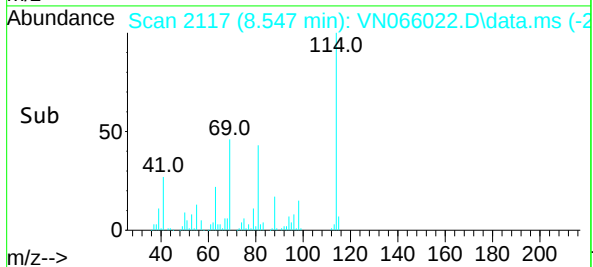
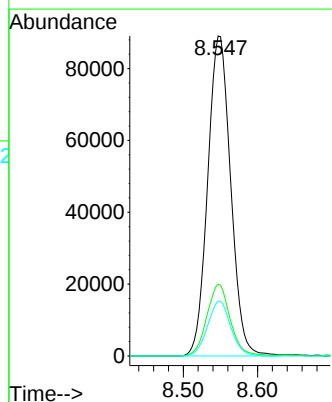
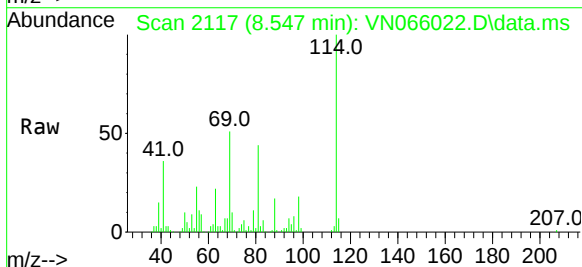
Instrument :
MSVOA_N
ClientSampleId :

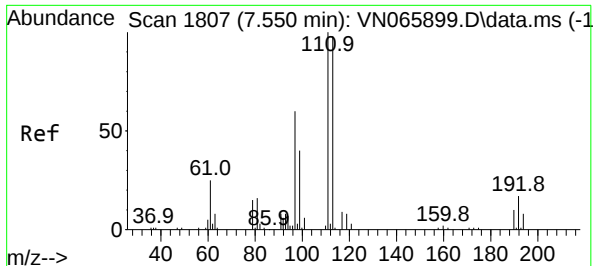
Tgt Ion: 65 Resp: 78872
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 114 Resp: 191308
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.6
88 17.1 0.0 30.6

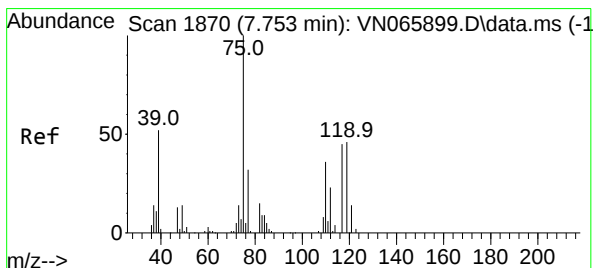
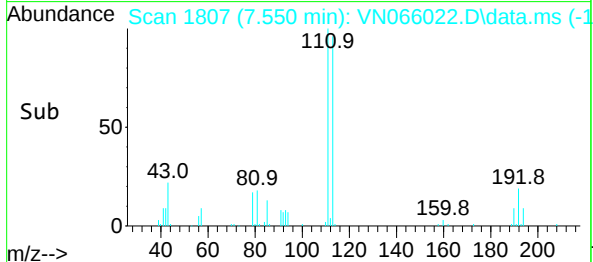
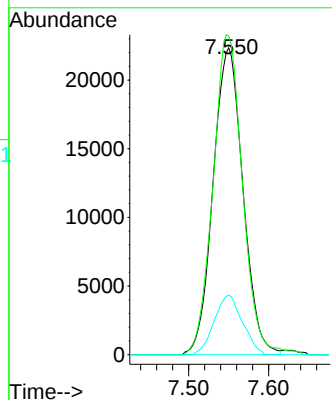
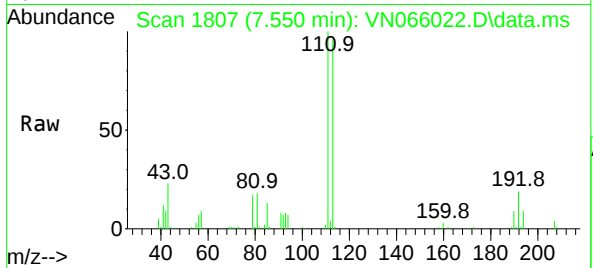




#35
Dibromofluoromethane
Concen: 48.80 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

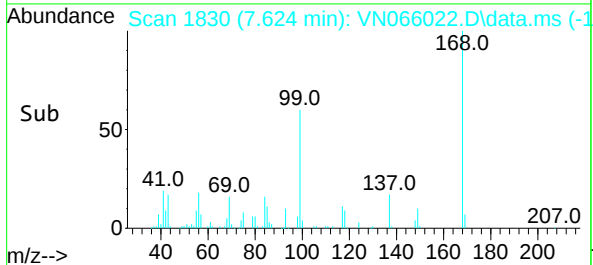
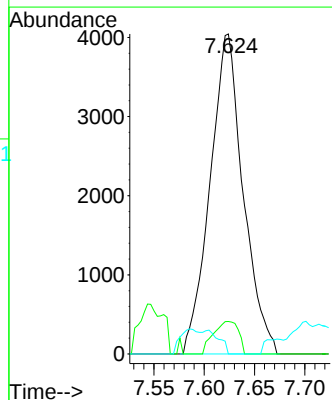
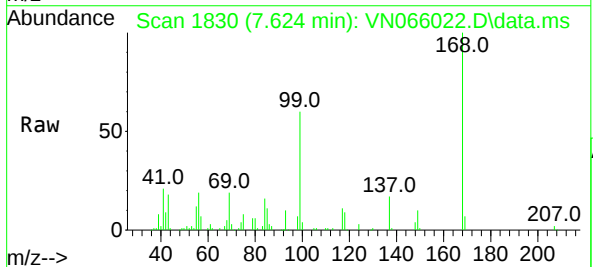
Instrument :
MSVOA_N
ClientSampled :

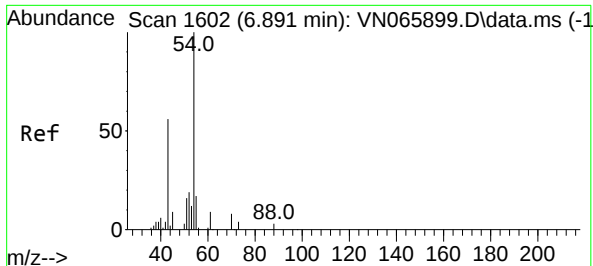
Tgt Ion:113 Resp: 57781
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 75 Resp: 9271
Ion Ratio Lower Upper
75 100
110 7.7 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.12 ug/l

RT: 6.766 min Scan# 1563

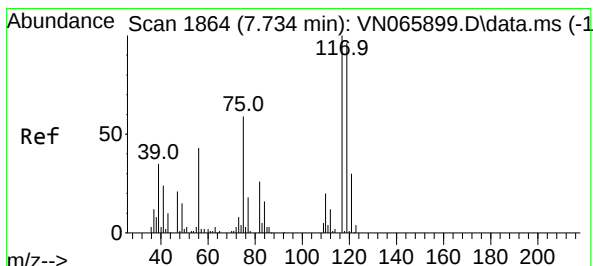
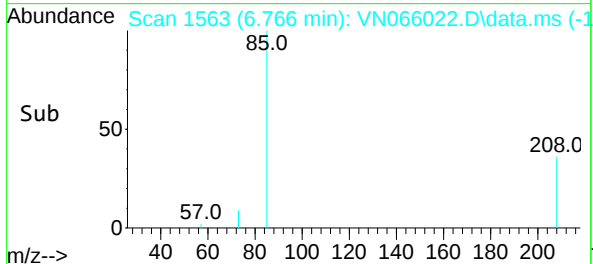
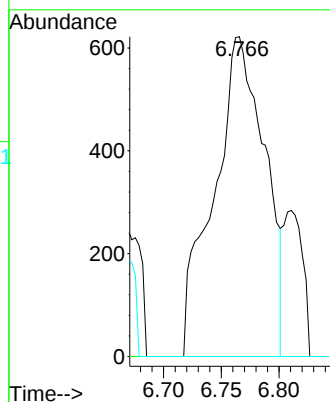
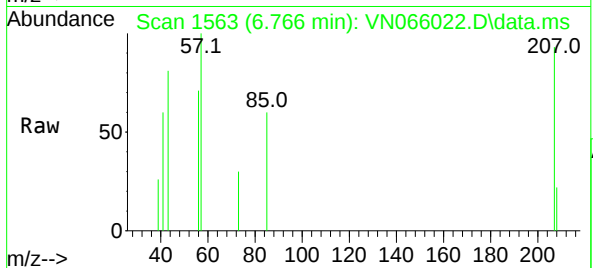
Delta R.T. -0.125 min

Lab File: VN066022.D

Acq: 25 Feb 2021 12:42

Tgt Ion:	43	Resp:	1913
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.87 ug/l

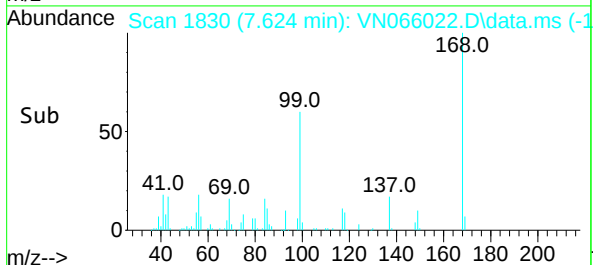
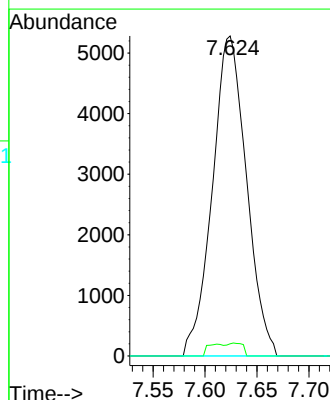
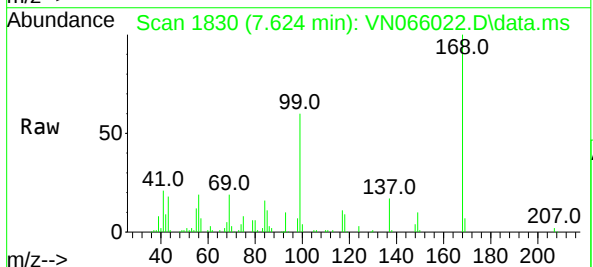
RT: 7.624 min Scan# 1830

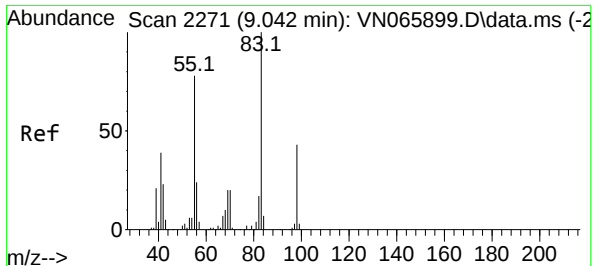
Delta R.T. -0.110 min

Lab File: VN066022.D

Acq: 25 Feb 2021 12:42

Tgt Ion:	117	Resp:	12043
Ion	Ratio	Lower	Upper
117	100		
119	3.8	76.0	114.0#
121	0.0	24.5	36.7#





#39

Methylcyclohexane

Concen: 96.70 ug/l

RT: 9.042 min Scan# 2271

Delta R.T. 0.000 min

Lab File: VN066022.D

Acq: 25 Feb 2021 12:42

Tgt Ion: 83 Resp: 204968

Ion Ratio Lower Upper

83 100

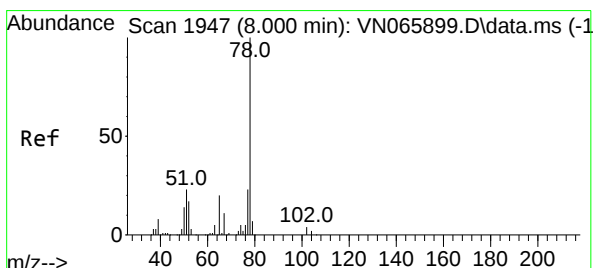
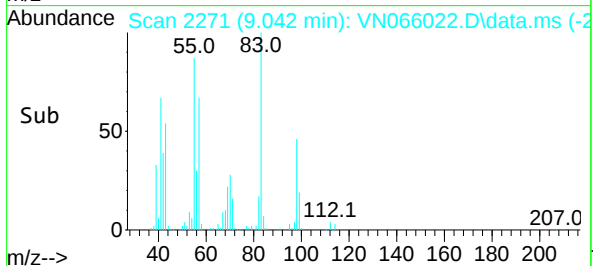
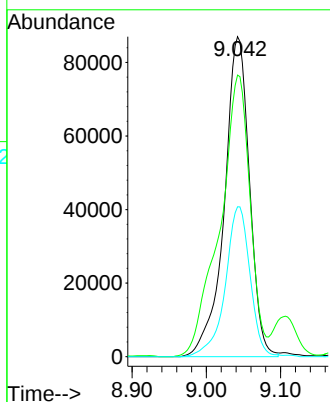
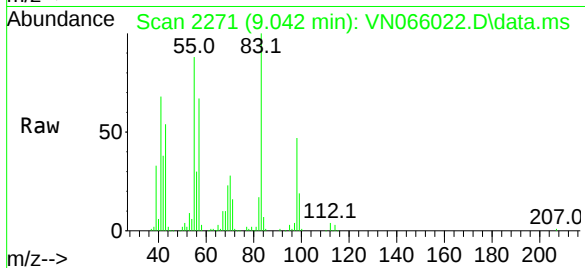
55 87.7 58.9 88.3

98 46.8 35.9 53.9

Instrument :

MSVOA_N

ClientSampleId :



#40

Benzene

Concen: 19.12 ug/l

RT: 8.000 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VN066022.D

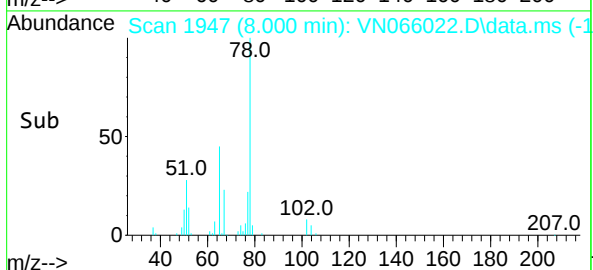
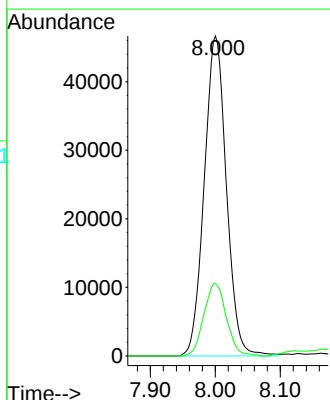
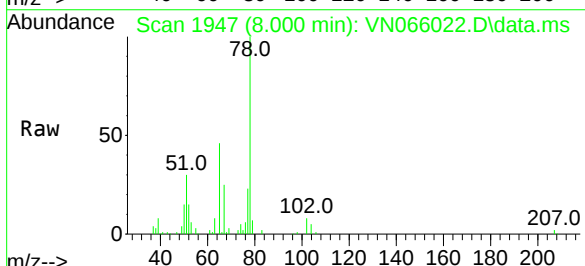
Acq: 25 Feb 2021 12:42

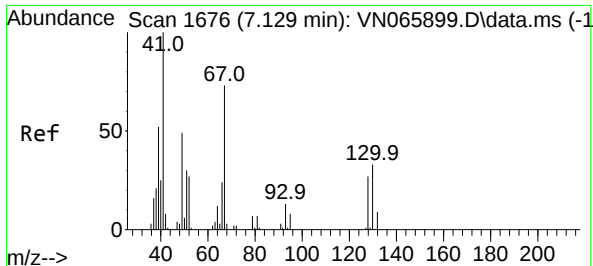
Tgt Ion: 78 Resp: 110651

Ion Ratio Lower Upper

78 100

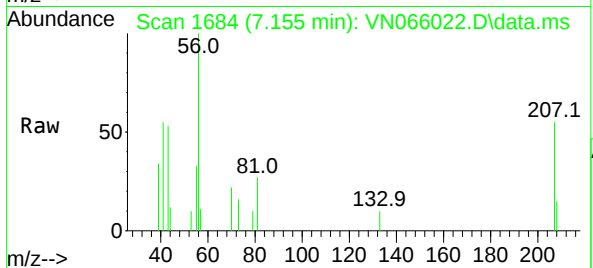
77 22.6 19.0 28.4





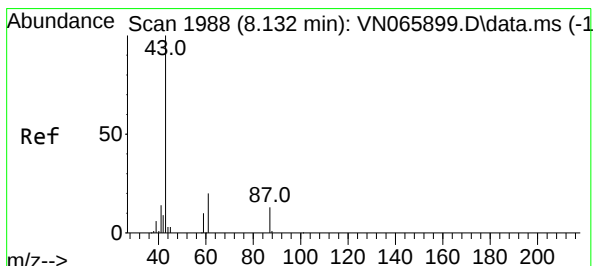
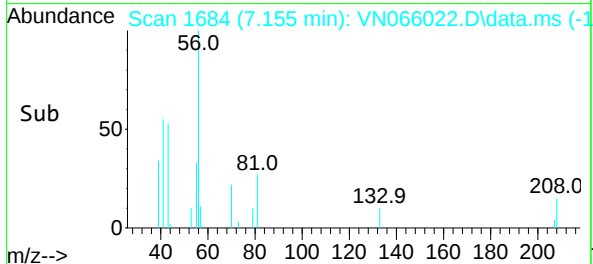
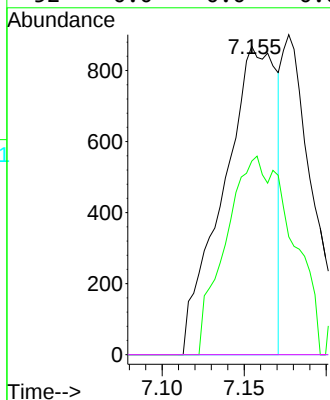
#41
Methacrylonitrile
Concen: 2.37 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. 0.026 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 41 Resp: 1958

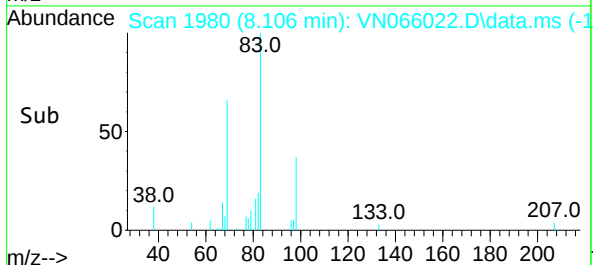
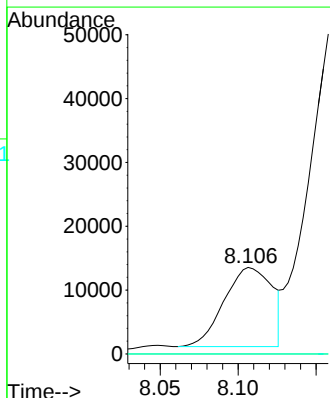
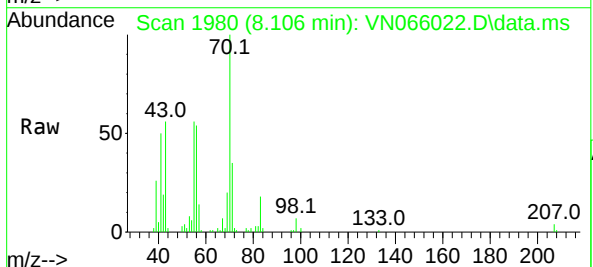
Ion	Ratio	Lower	Upper
41	100		
39	80.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

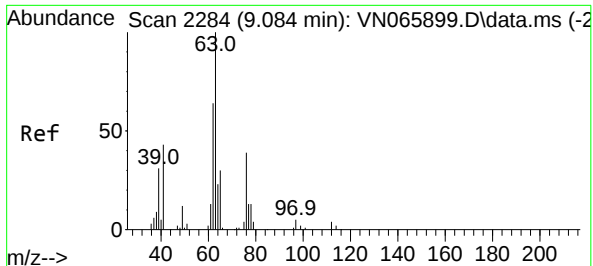


#43
Isopropyl Acetate
Concen: 9.84 ug/l
RT: 8.106 min Scan# 1980
Delta R.T. -0.026 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 43 Resp: 26702

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.5	33.7#
87	0.0	11.1	16.7#





#45

1,2-Dichloropropane

Concen: 0.41 ug/l

RT: 9.106 min Scan# 2291

Delta R.T. 0.022 min

Lab File: VN066022.D

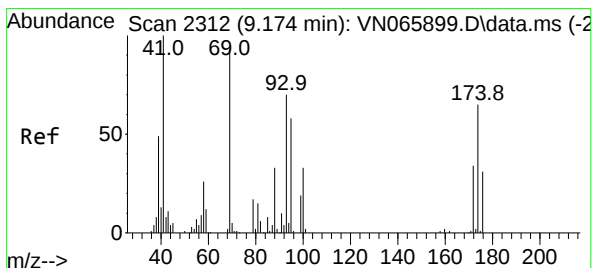
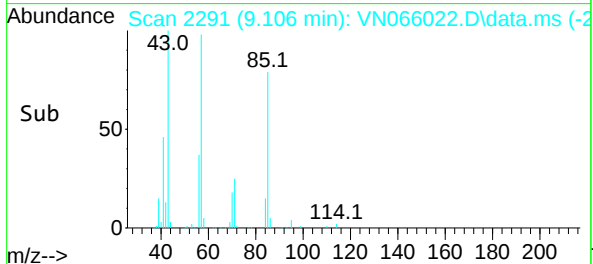
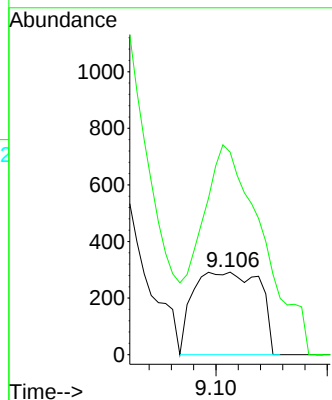
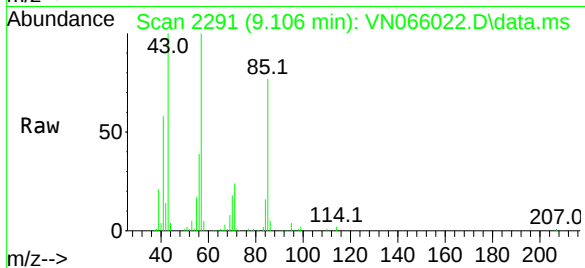
Acq: 25 Feb 2021 12:42

Tgt Ion: 63 Resp: 603

Ion Ratio Lower Upper

63 100

65 177.1 24.9 37.3#



#46

Dibromomethane

Concen: 0.56 ug/l

RT: 9.116 min Scan# 2294

Delta R.T. -0.058 min

Lab File: VN066022.D

Acq: 25 Feb 2021 12:42

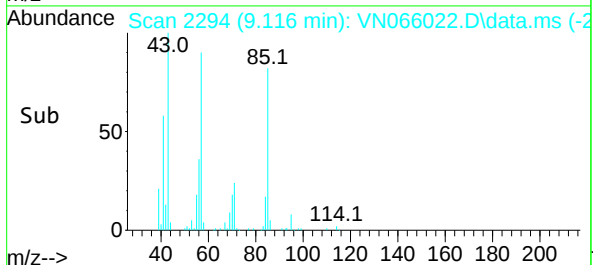
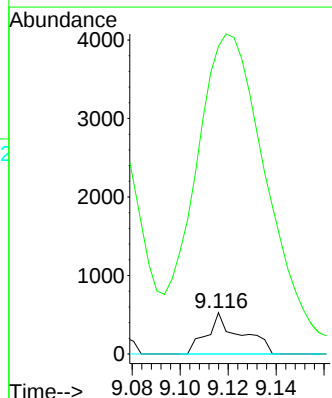
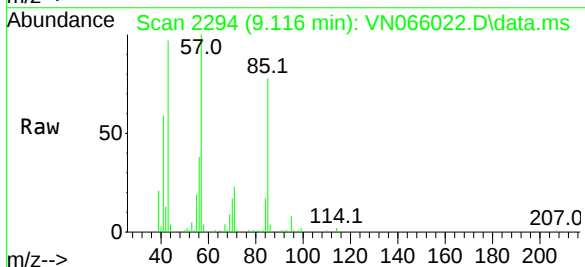
Tgt Ion: 93 Resp: 508

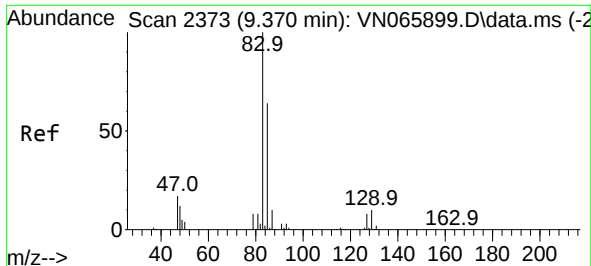
Ion Ratio Lower Upper

93 100

95 1663.6 67.0 100.6#

174 0.0 83.2 124.8#

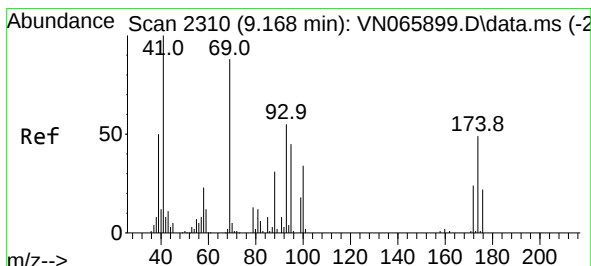
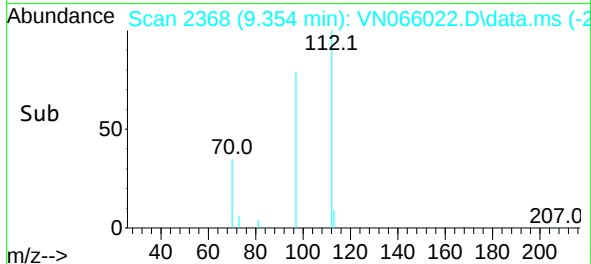
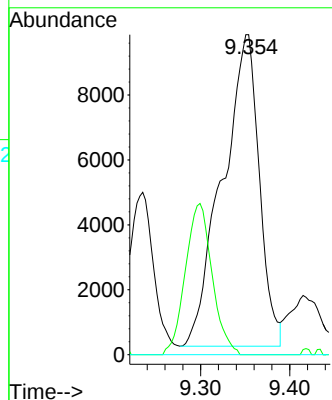
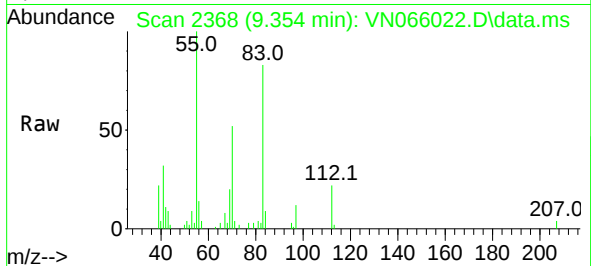




#47
Bromodichloromethane
Concen: 15.01 ug/l
RT: 9.354 min Scan# 2368
Delta R.T. -0.016 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

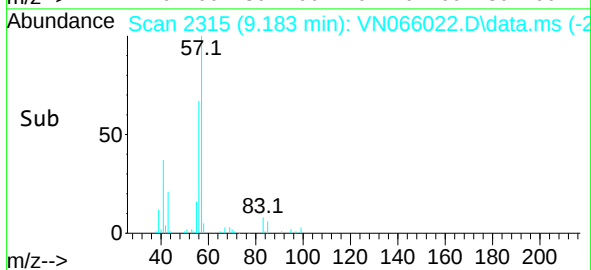
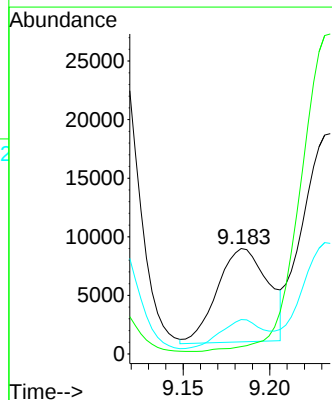
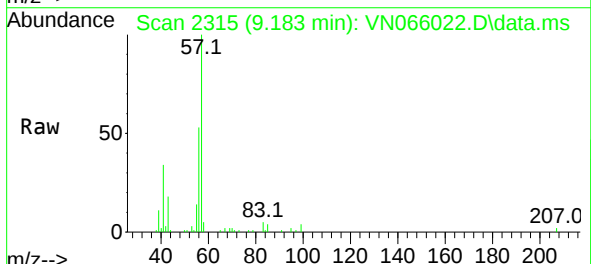
Instrument :
MSVOA_N
ClientSampled :

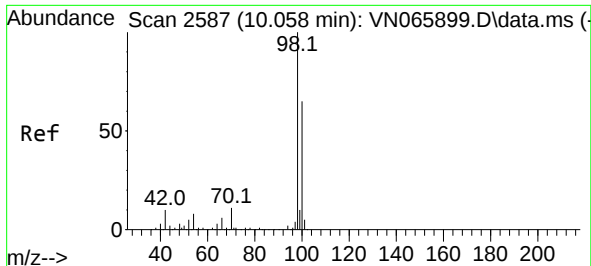
Tgt Ion: 83 Resp: 27589
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 11.88 ug/l
RT: 9.183 min Scan# 2315
Delta R.T. 0.015 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 41 Resp: 16342
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 26.9 46.6 69.8#

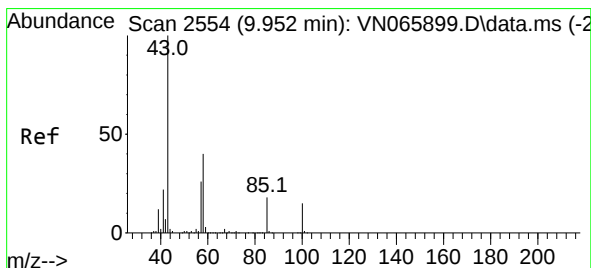
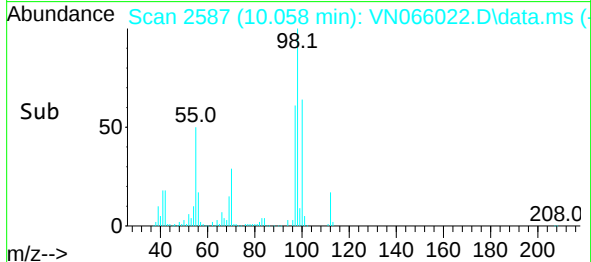
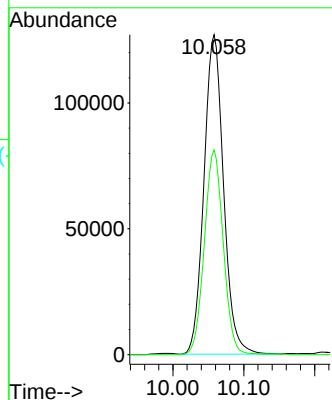
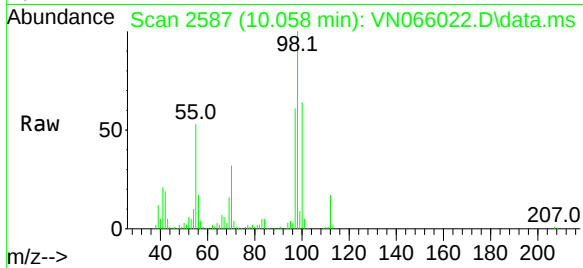




#50
Toluene-d8
Concen: 50.18 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

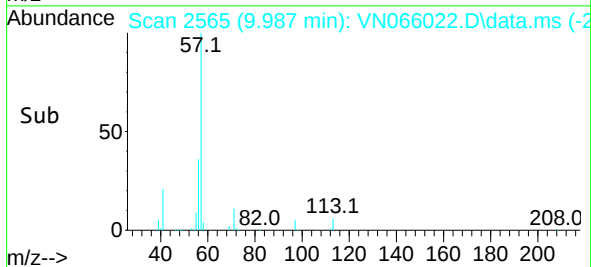
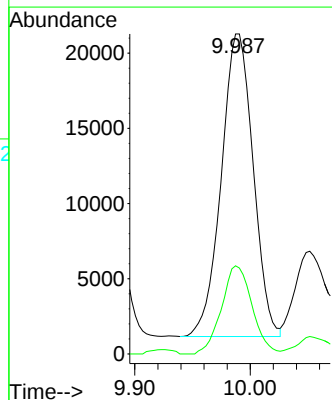
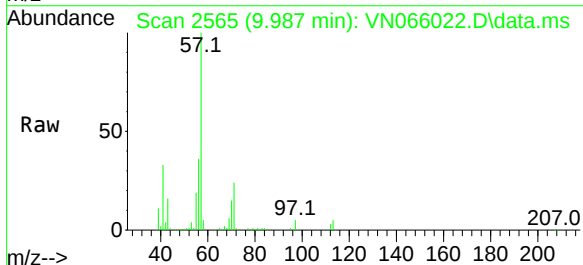
Instrument :
MSVOA_N
ClientSampleId :

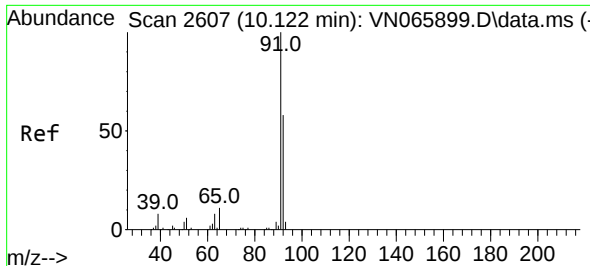
Tgt Ion: 98 Resp: 243867
Ion Ratio Lower Upper
98 100
100 61.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 23.36 ug/l
RT: 9.987 min Scan# 2565
Delta R.T. 0.035 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 43 Resp: 38594
Ion Ratio Lower Upper
43 100
58 27.9 32.5 48.7#

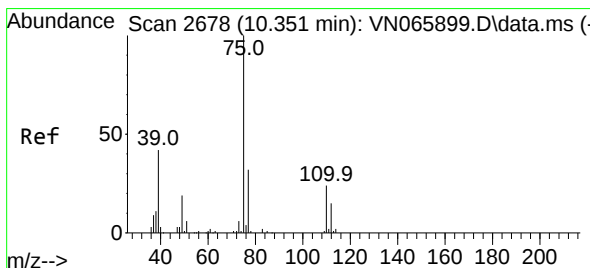
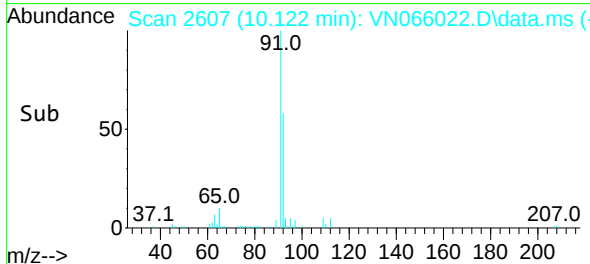
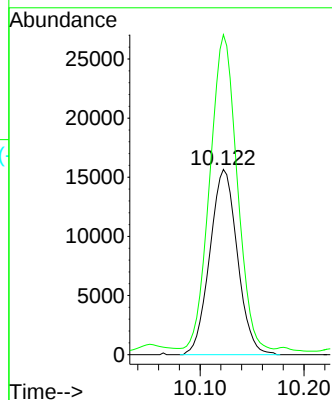
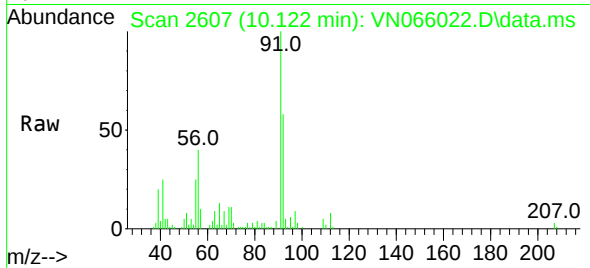




#52
Toluene
Concen: 8.11 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

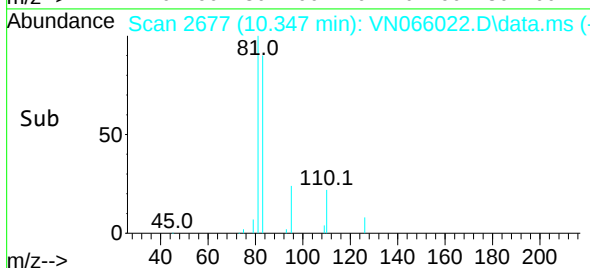
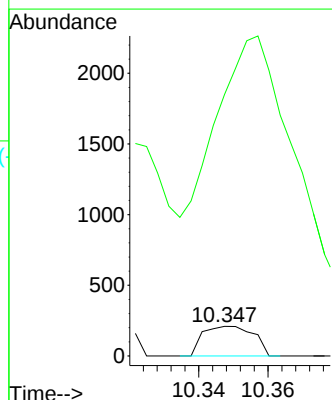
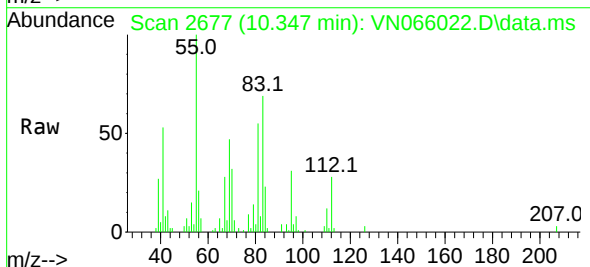
Instrument :
MSVOA_N
ClientSampled :

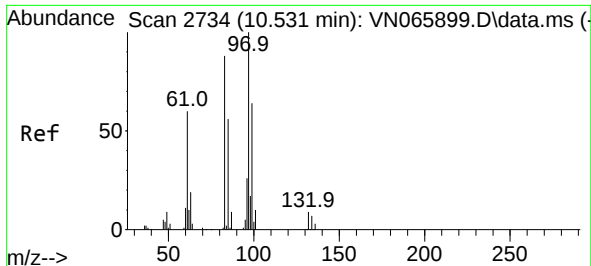
Tgt Ion: 92 Resp: 28818
Ion Ratio Lower Upper
92 100
91 169.0 140.7 211.1



#53
t-1,3-Dichloropropene
Concen: 2.07 ug/l
RT: 10.347 min Scan# 2677
Delta R.T. -0.004 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

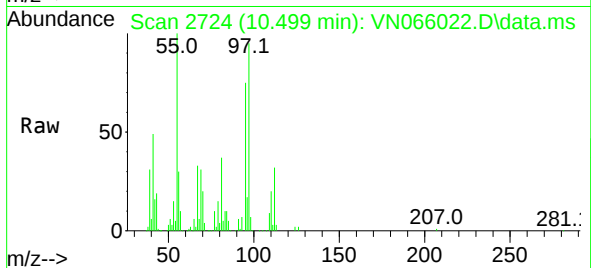
Tgt Ion: 75 Resp: 213
Ion Ratio Lower Upper
75 100
77 416.3 26.2 39.4#



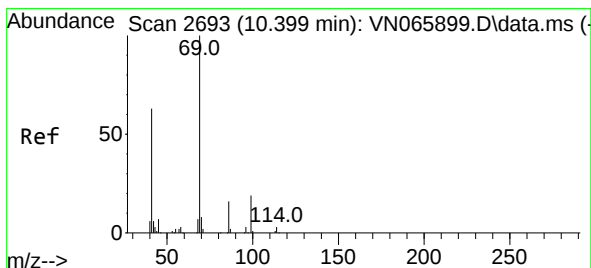
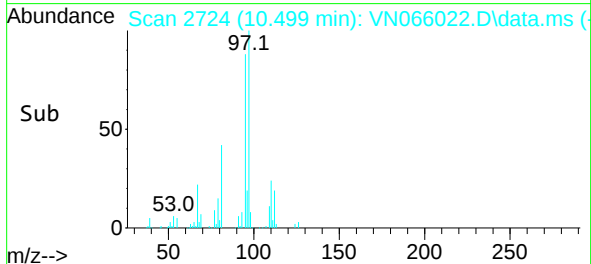
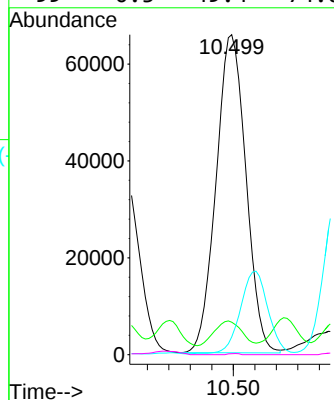


#55
1,1,2-Trichloroethane
Concen: 94.98 ug/l
RT: 10.499 min Scan# 2724
Delta R.T. -0.032 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Instrument :
MSVOA_N
ClientSampleId :

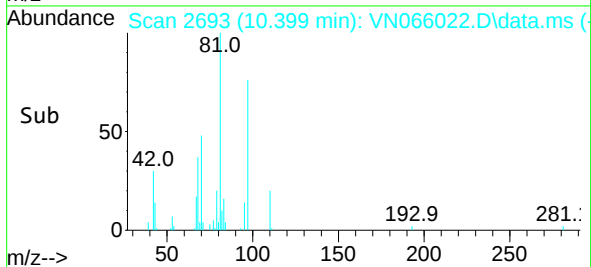
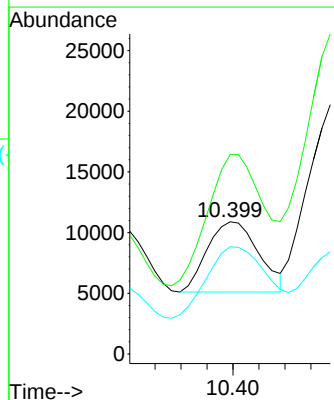
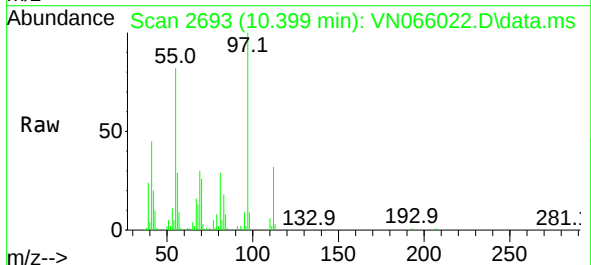


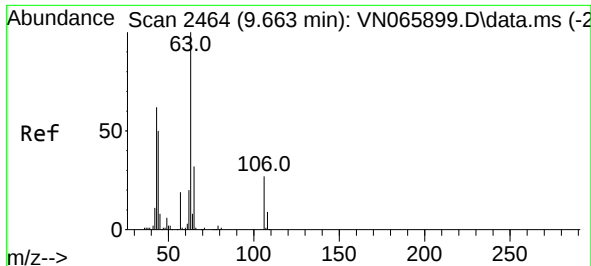
Tgt Ion: 97 Resp: 126341
Ion Ratio Lower Upper
97 100
83 3.0 67.7 101.5#
85 5.2 44.5 66.7#
99 0.3 49.4 74.0#



#56
Ethyl methacrylate
Concen: 3.98 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 69 Resp: 7959
Ion Ratio Lower Upper
69 100
41 215.6 49.6 74.4#
39 126.0 28.0 42.0#

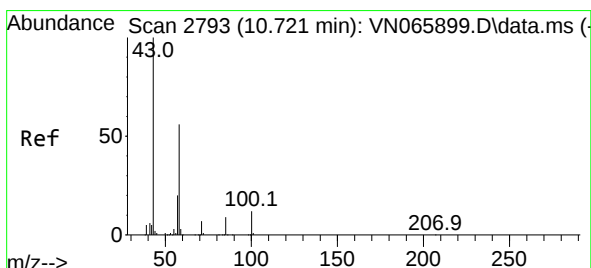
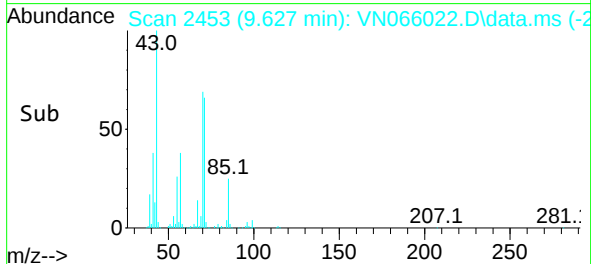
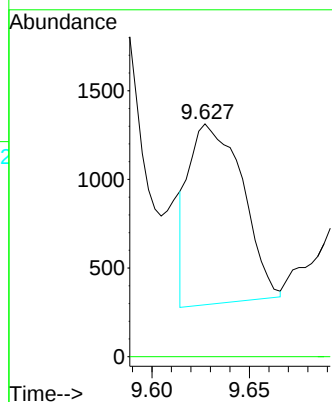
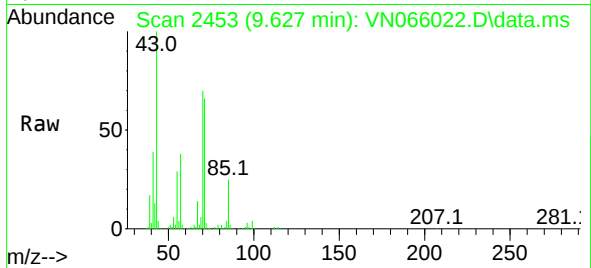




#58
2-Chloroethyl Vinyl ether
Concen: 2.02 ug/l
RT: 9.627 min Scan# 2453
Delta R.T. -0.036 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

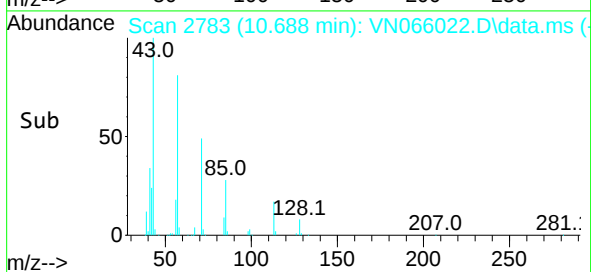
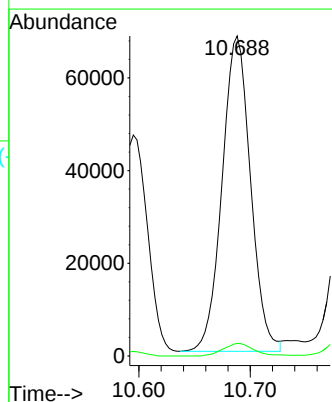
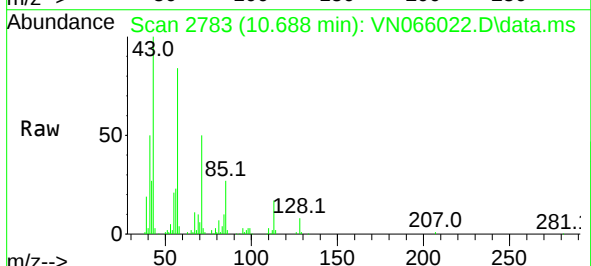
Instrument :
MSVOA_N
ClientSampled :

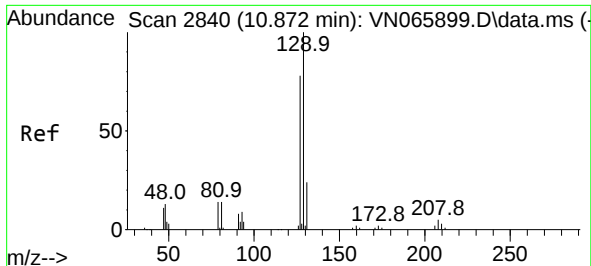
Tgt Ion: 63 Resp: 1930
Ion Ratio Lower Upper
63 100
106 0.0 22.6 33.8#



#59
2-Hexanone
Concen: 102.62 ug/l
RT: 10.688 min Scan# 2783
Delta R.T. -0.033 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 43 Resp: 120751
Ion Ratio Lower Upper
43 100
58 4.3 28.1 84.3#

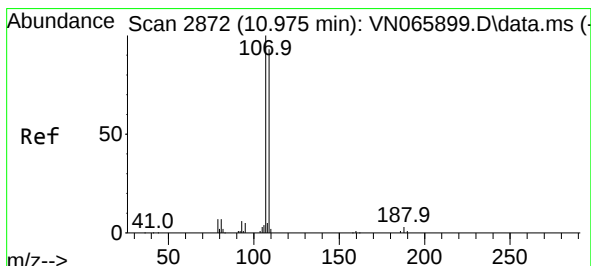
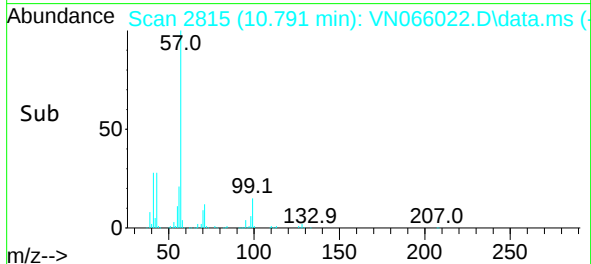
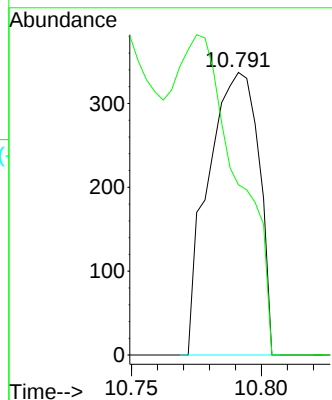
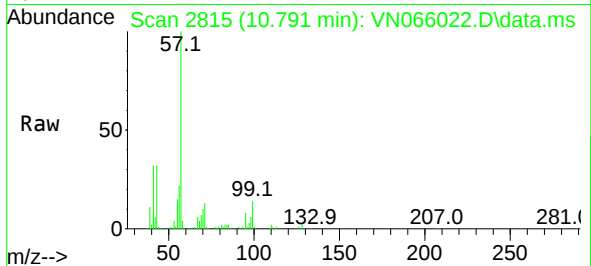




#60
Dibromochloromethane
Concen: 0.33 ug/l
RT: 10.791 min Scan# 2815
Delta R.T. -0.081 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

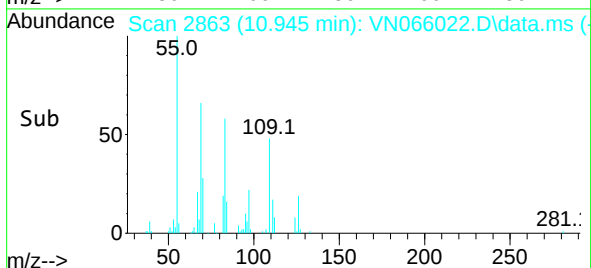
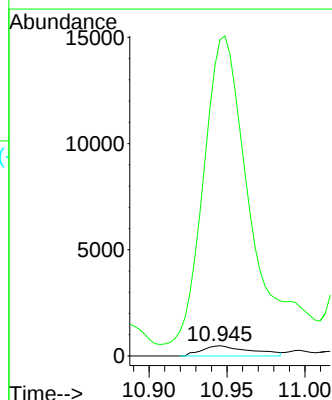
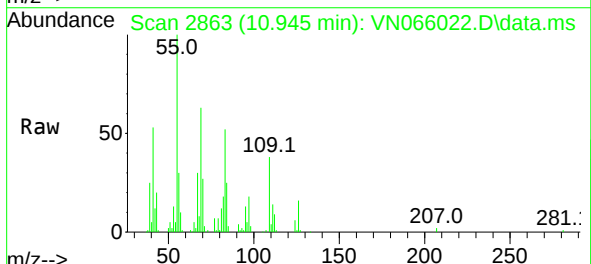
Instrument :
MSVOA_N
ClientSampled :

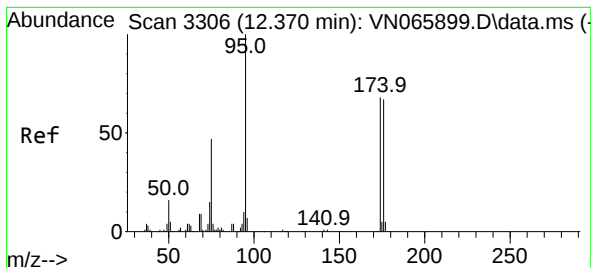
Tgt Ion:129 Resp: 454
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#61
1,2-Dibromoethane
Concen: 0.78 ug/l
RT: 10.945 min Scan# 2863
Delta R.T. -0.030 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:107 Resp: 1052
Ion Ratio Lower Upper
107 100
109 2880.8 75.6 113.4#

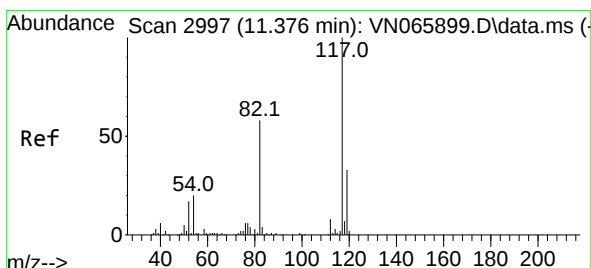
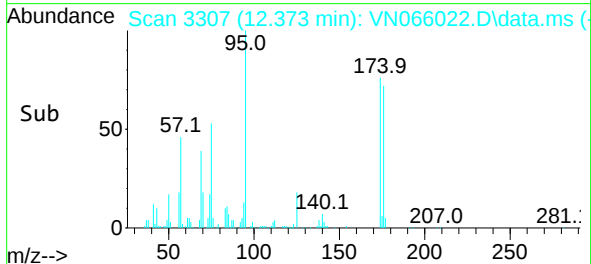
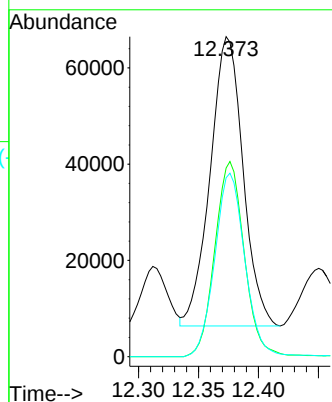
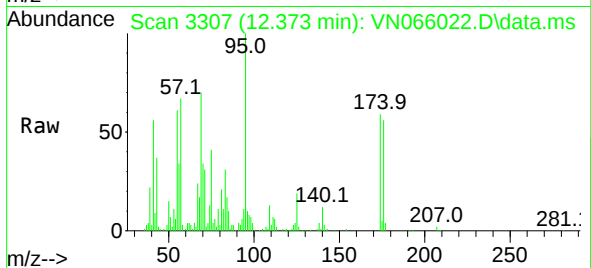




#62
4-Bromofluorobenzene
Concen: 62.72 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

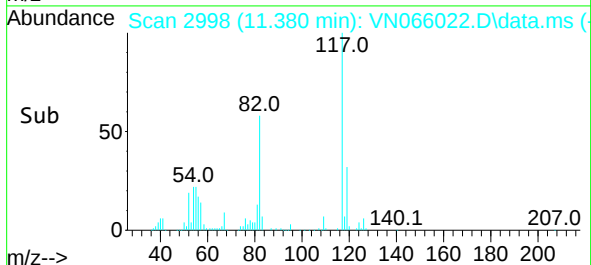
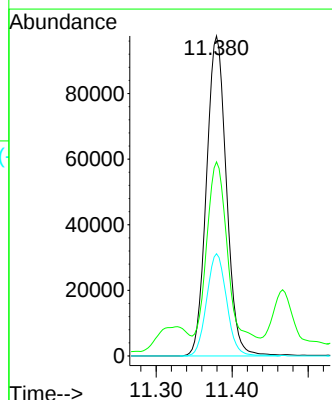
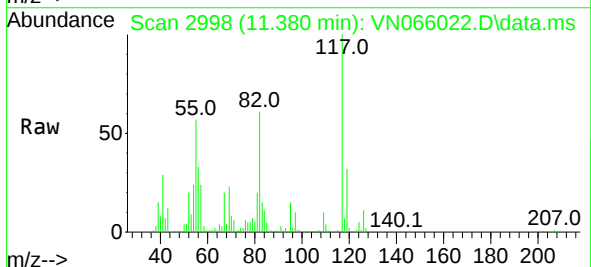
Instrument :
MSVOA_N
ClientSampleId :

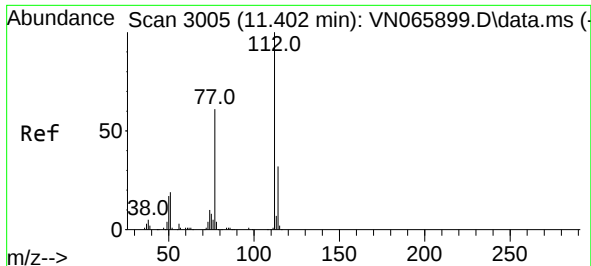
Tgt Ion: 95 Resp: 114432
Ion Ratio Lower Upper
95 100
174 60.6 0.0 169.0
176 58.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 117 Resp: 177362
Ion Ratio Lower Upper
117 100
82 51.7 43.7 65.5
119 32.0 26.1 39.1

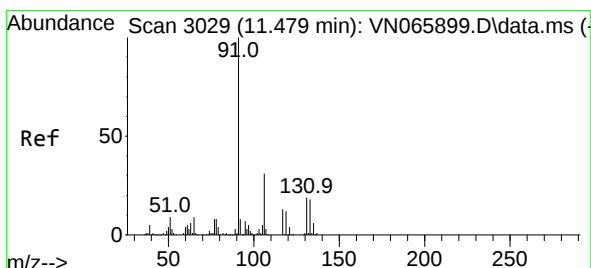
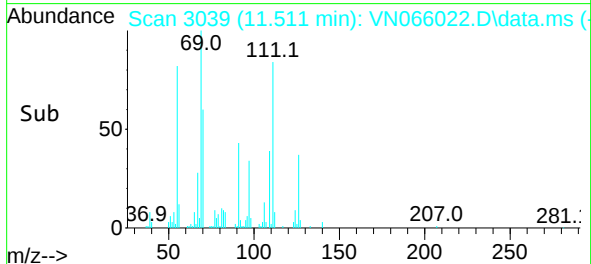
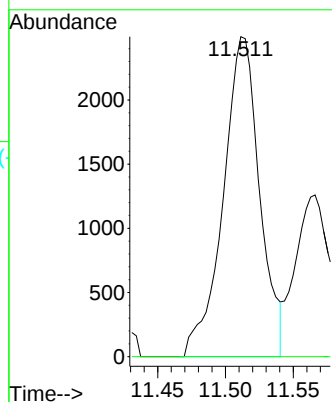
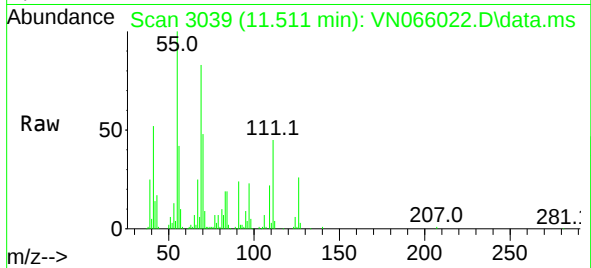




#65
Chlorobenzene
Concen: 1.26 ug/l
RT: 11.511 min Scan# 3039
Delta R.T. 0.109 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

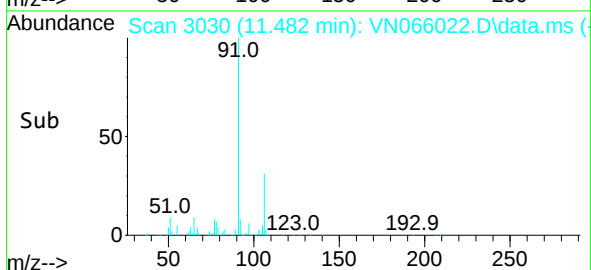
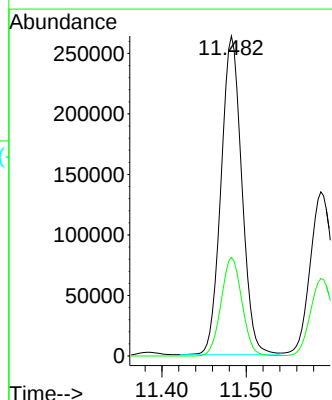
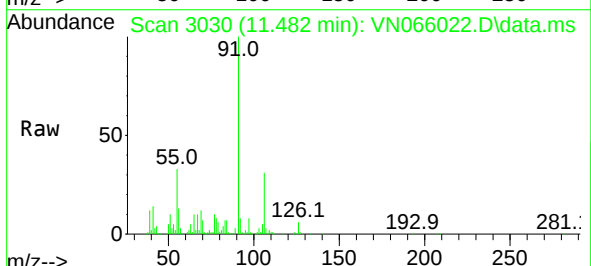
Instrument :
MSVOA_N
ClientSampled :

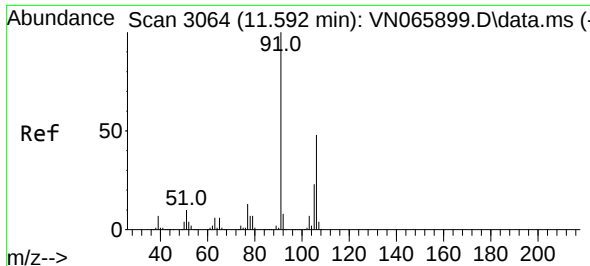
Tgt Ion:112 Resp: 4672
Ion Ratio Lower Upper
112 100
114 0.0 26.1 39.1#



#67
Ethyl Benzene
Concen: 66.92 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 91 Resp: 449250
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3

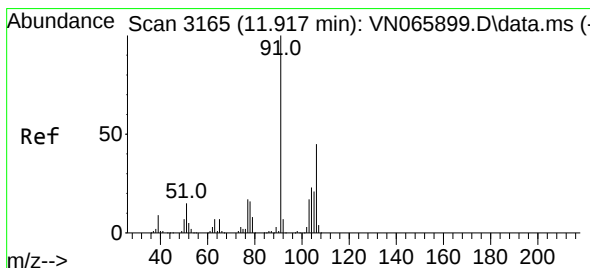
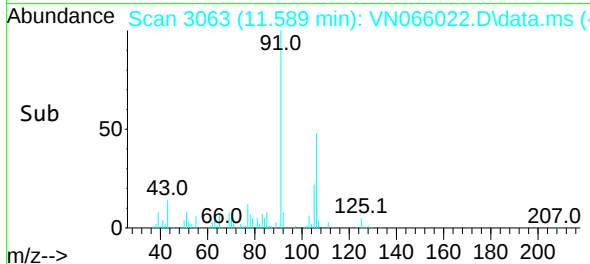
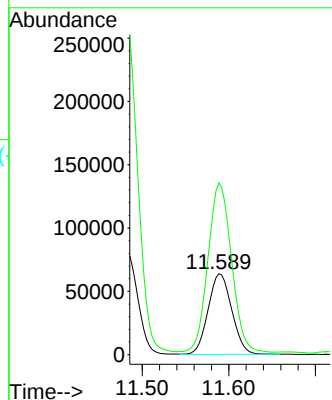
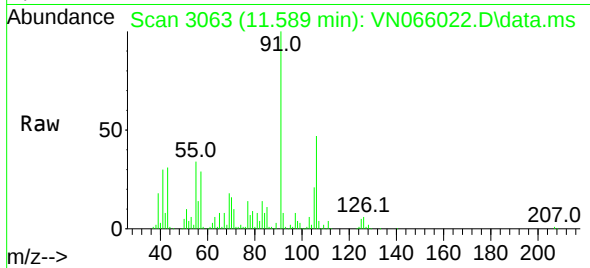




#68
m/p-Xylenes
Concen: 48.21 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

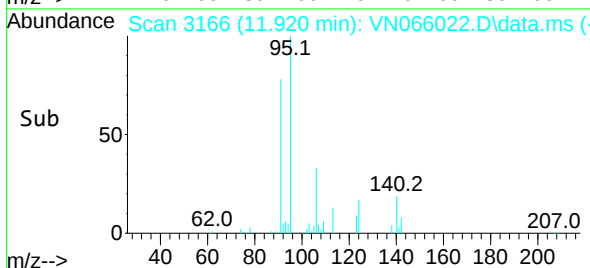
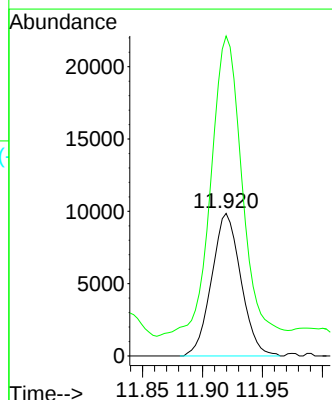
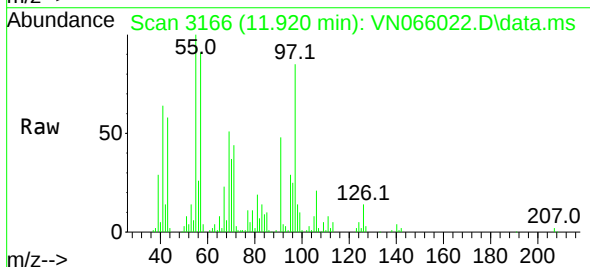
Instrument :
MSVOA_N
ClientSampleId :

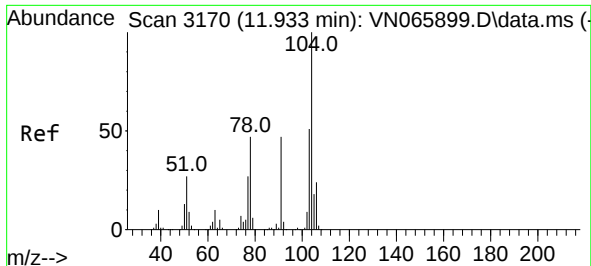
Tgt Ion:106 Resp: 120755
Ion Ratio Lower Upper
106 100
91 209.4 161.4 242.0



#69
o-Xylene
Concen: 6.92 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

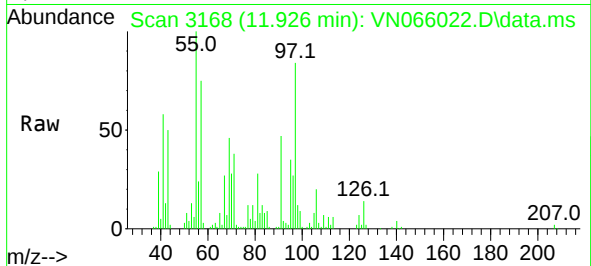
Tgt Ion:106 Resp: 16720
Ion Ratio Lower Upper
106 100
91 229.8 106.8 320.4



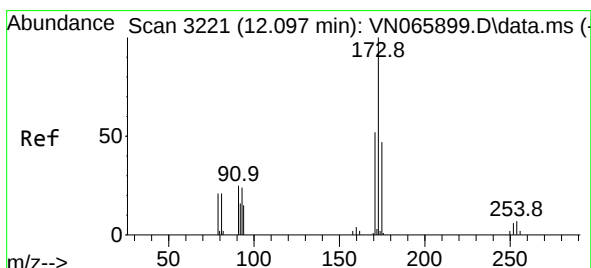
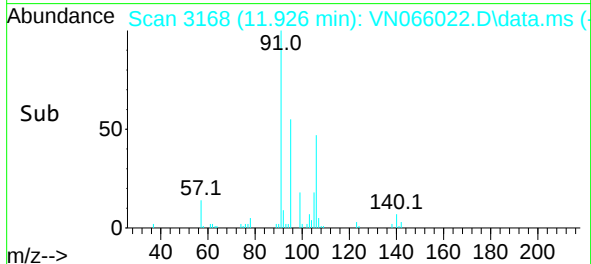
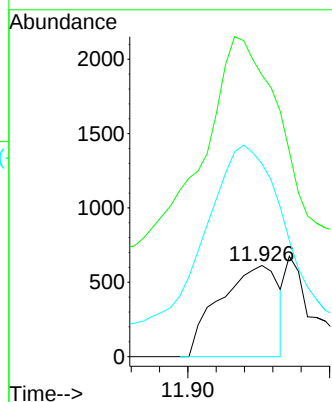


#70
Styrene
Concen: 0.22 ug/l
RT: 11.926 min Scan# 3168
Delta R.T. -0.007 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Instrument :
MSVOA_N
ClientSampled :

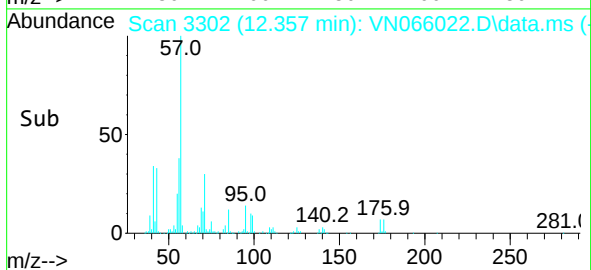
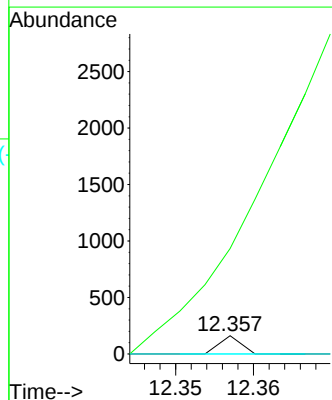
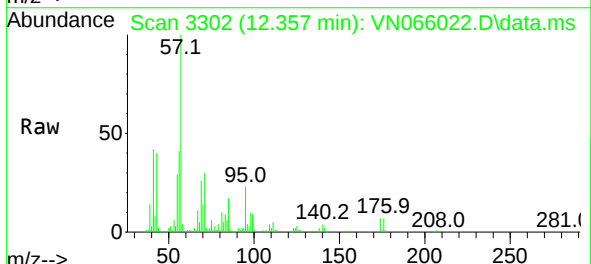


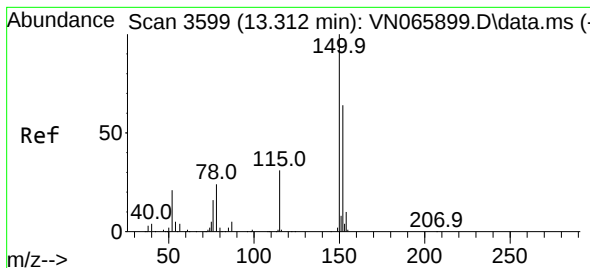
Tgt Ion:104 Resp: 879
Ion Ratio Lower Upper
104 100
78 488.2 39.0 58.4#
103 306.7 44.5 66.7#



#71
Bromoform
Concen: 2.53 ug/l
RT: 12.357 min Scan# 3302
Delta R.T. 0.260 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:173 Resp: 31
Ion Ratio Lower Upper
173 100
175 14338.7 23.8 71.2#
254 0.0 0.0 0.0

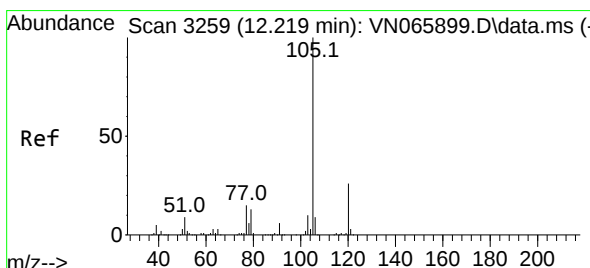
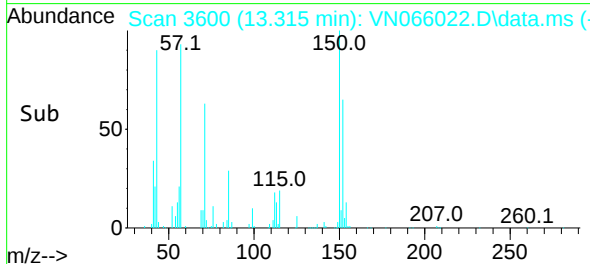
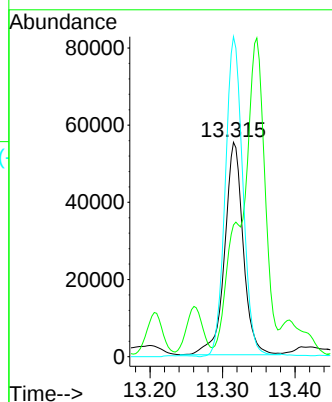
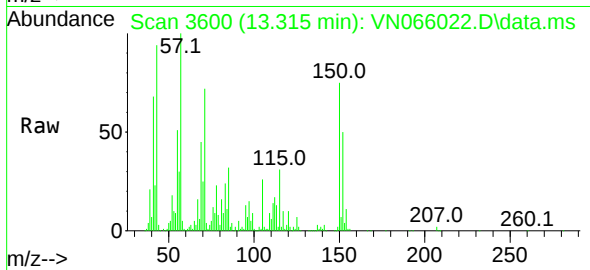




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

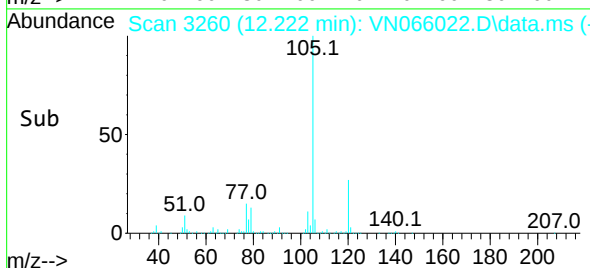
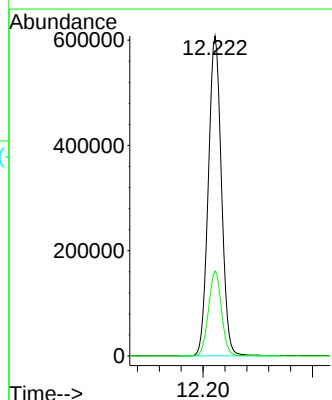
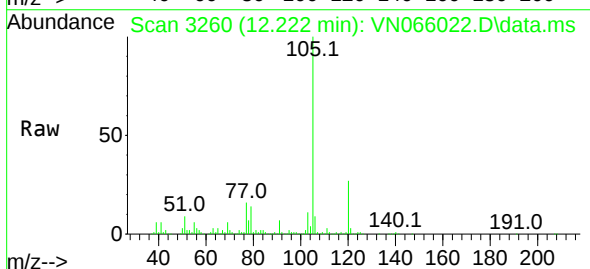
Instrument :
MSVOA_N
ClientSampled :

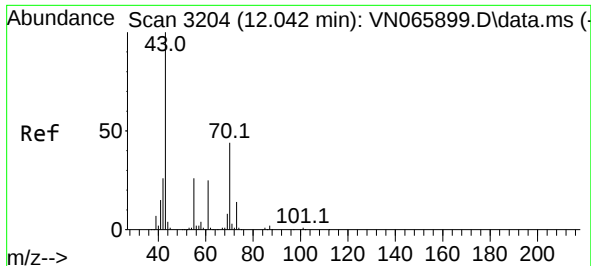
Tgt Ion:152 Resp: 97732
Ion Ratio Lower Upper
152 100
115 45.7 28.5 85.6
150 142.9 0.0 347.6



#73
Isopropylbenzene
Concen: 126.36 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

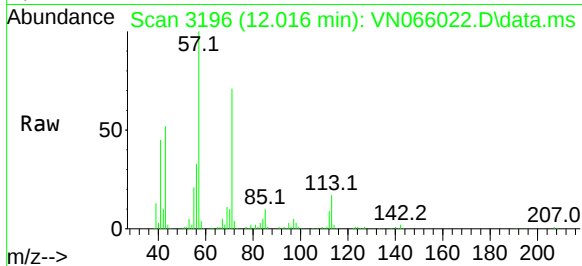
Tgt Ion:105 Resp: 1007925
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9





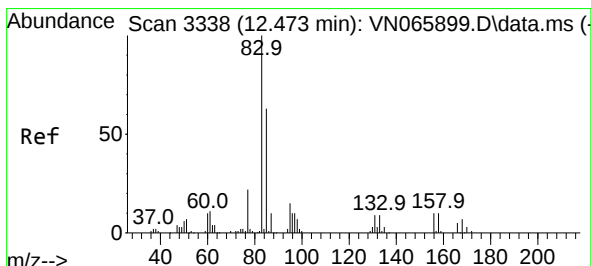
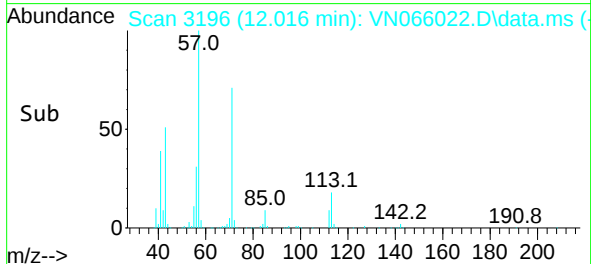
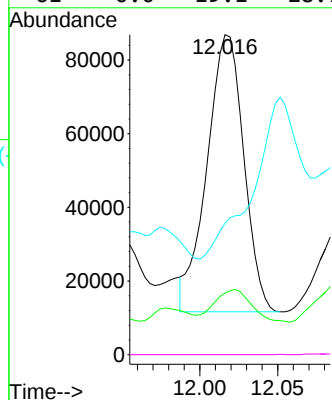
#74
N-amy1 acetate
Concen: 44.68 ug/l
RT: 12.016 min Scan# 3196
Delta R.T. -0.026 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 123617

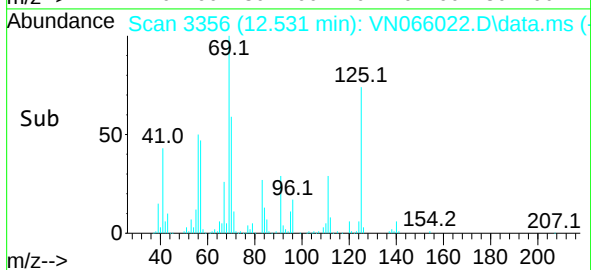
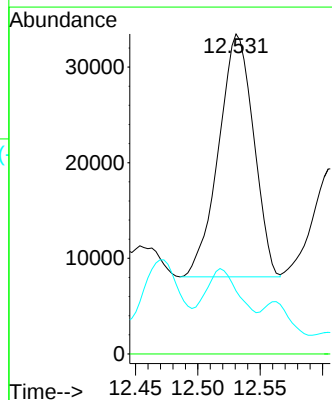
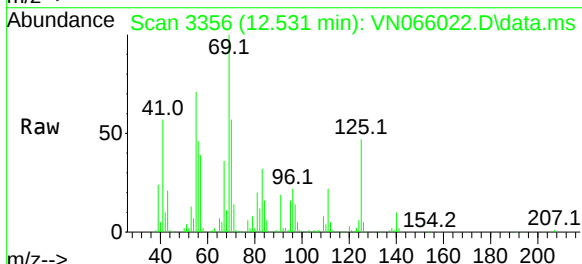
Ion	Ratio	Lower	Upper
43	100		
70	11.6	34.4	51.6#
55	0.0	20.7	31.1#
61	0.0	19.1	28.7#

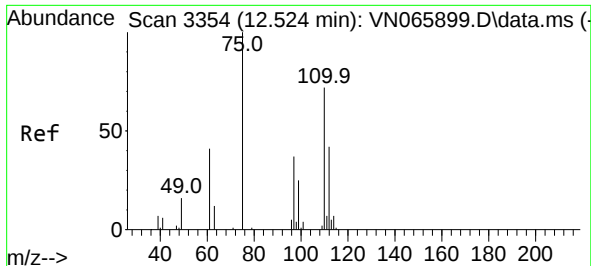


#75
1,1,2,2-Tetrachloroethane
Concen: 21.08 ug/l
RT: 12.531 min Scan# 3356
Delta R.T. 0.058 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 83 Resp: 49615

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.8#
85	26.9	32.0	96.0#

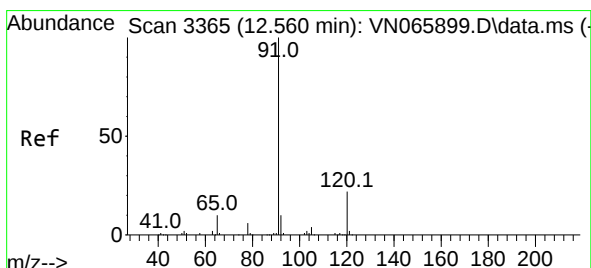
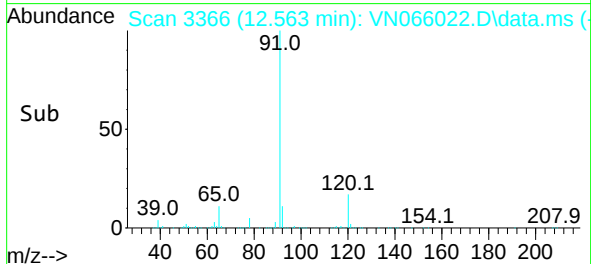
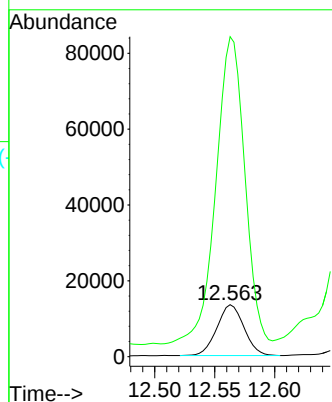
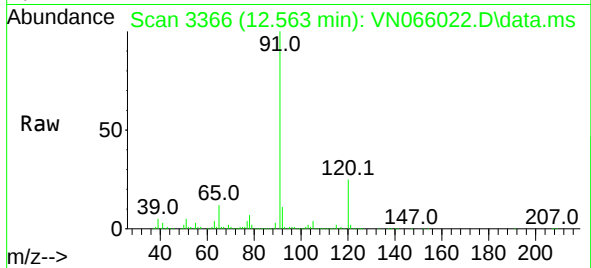




#76
1,2,3-Trichloropropane
Concen: 8.97 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.039 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

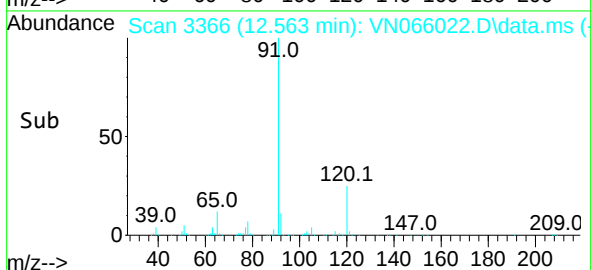
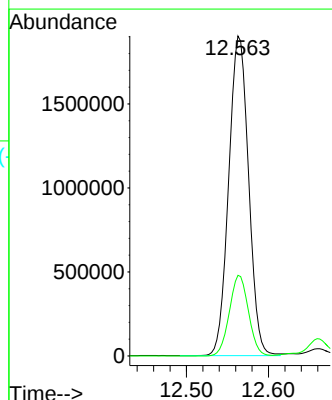
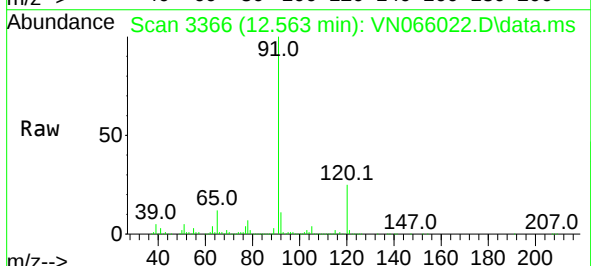
Instrument :
MSVOA_N
ClientSampled :

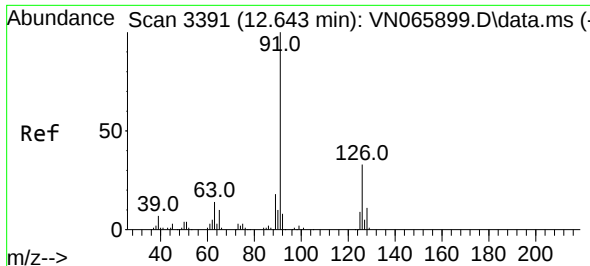
Tgt Ion: 75 Resp: 21067
Ion Ratio Lower Upper
75 100
77 645.2 0.0 0.0#



#78
n-propylbenzene
Concen: 353.35 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 91 Resp: 3205344
Ion Ratio Lower Upper
91 100
120 24.3 11.8 35.3

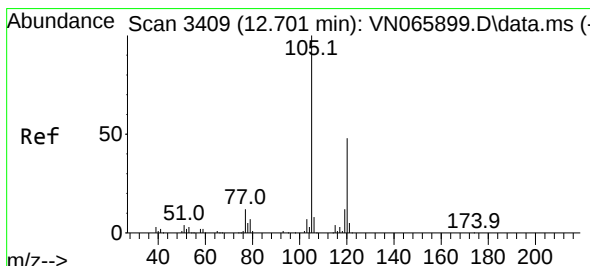
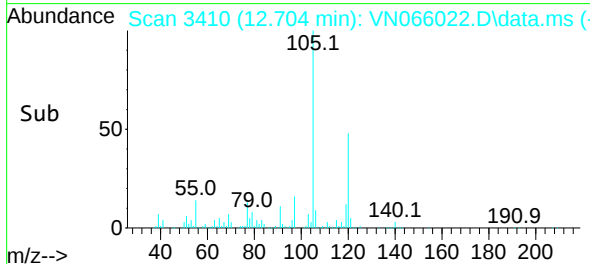
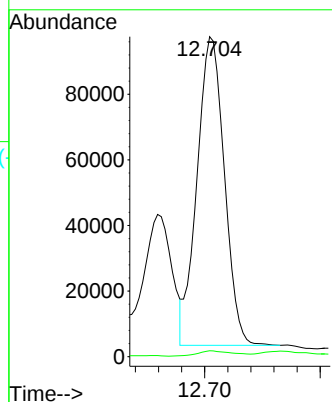
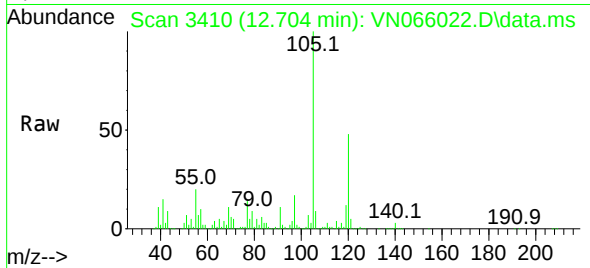




#79
2-Chlorotoluene
Concen: 27.16 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.061 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

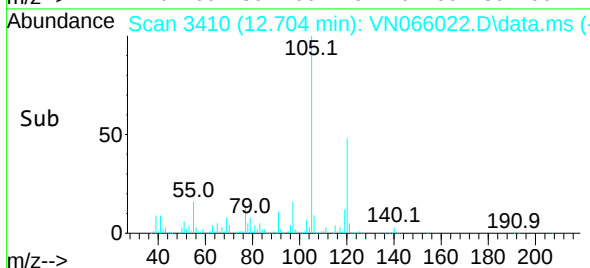
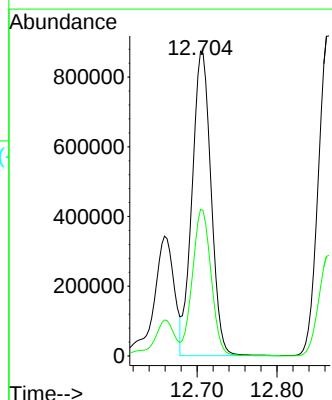
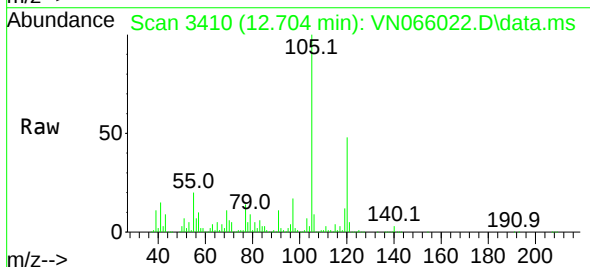
Instrument :
MSVOA_N
ClientSampled :

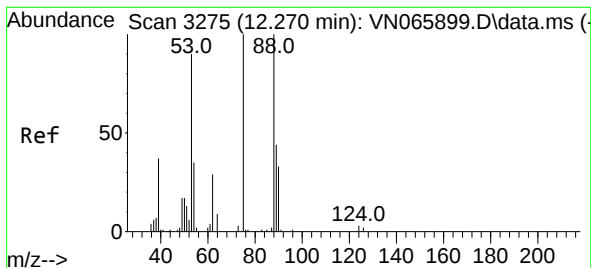
Tgt Ion: 91 Resp: 154417
Ion Ratio Lower Upper
91 100
126 2.3 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 212.39 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:105 Resp: 1439226
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8

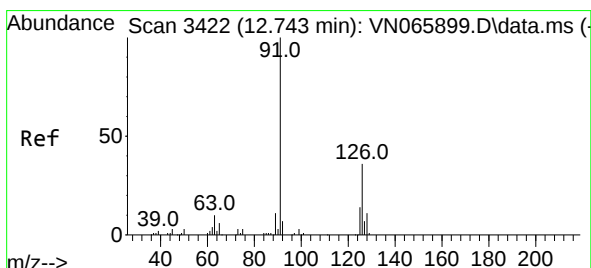
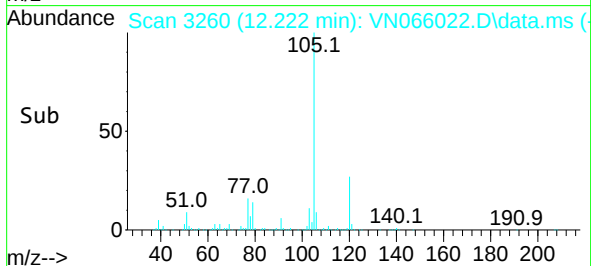
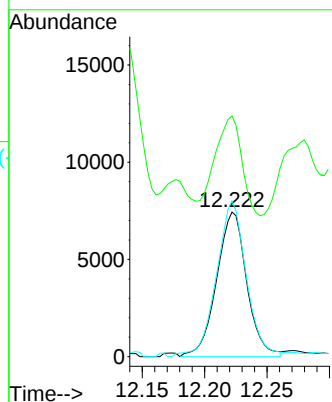
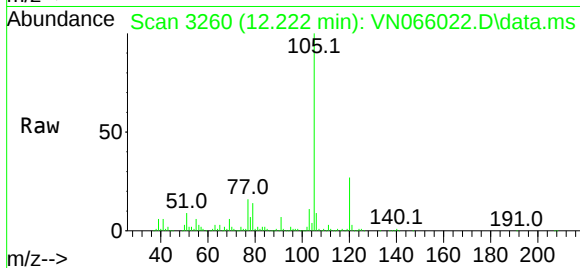




#81
trans-1,4-Dichloro-2-butene
Concen: 16.97 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.048 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

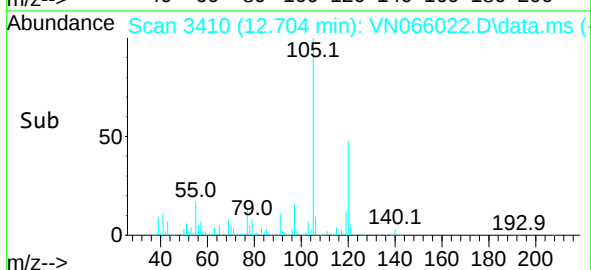
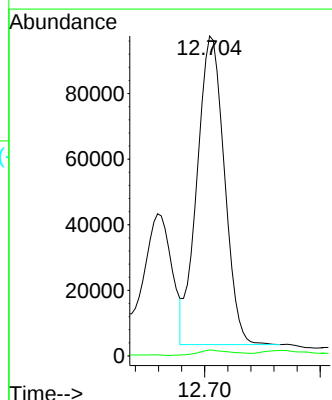
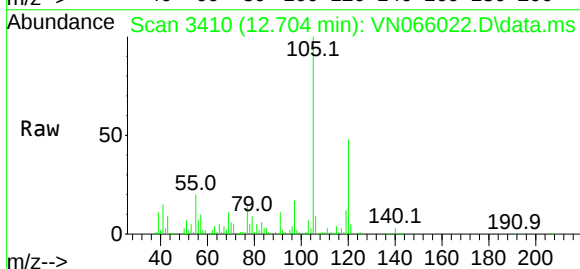
Instrument :
MSVOA_N
ClientSampled :

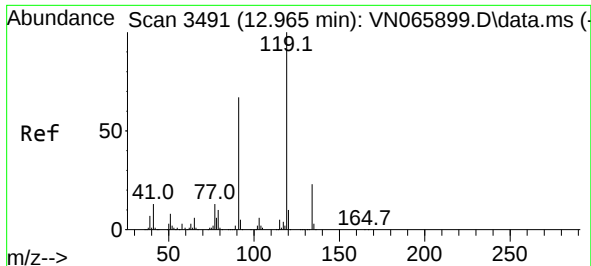
Tgt Ion: 75 Resp: 12500
Ion Ratio Lower Upper
75 100
53 60.4 74.6 111.8#
89 107.9 35.8 53.8#



#82
4-Chlorotoluene
Concen: 26.90 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. -0.039 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 91 Resp: 154417
Ion Ratio Lower Upper
91 100
126 2.3 17.2 51.6#

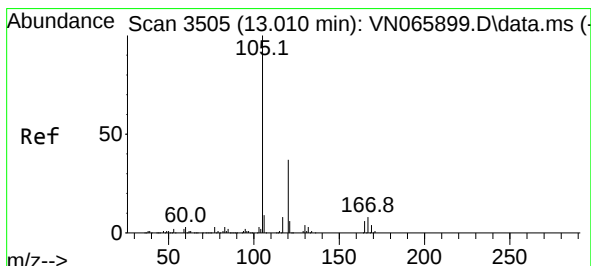
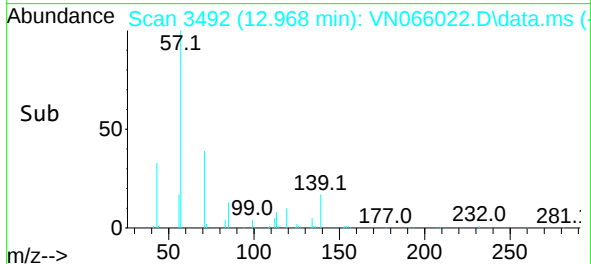
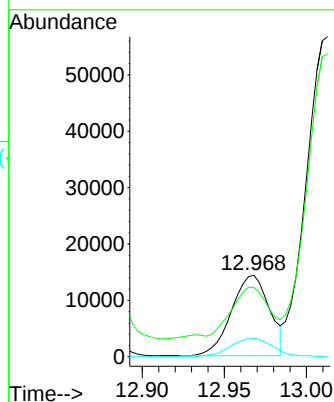
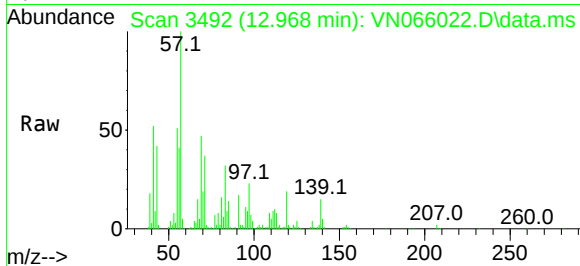




#83
tert-Butylbenzene
Concen: 4.09 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

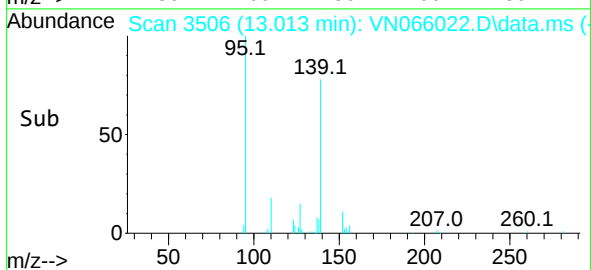
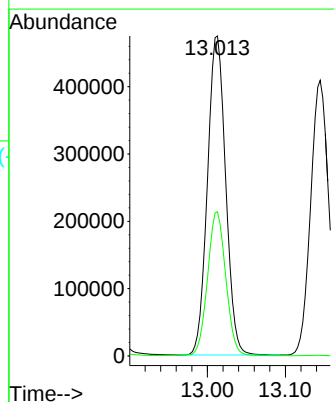
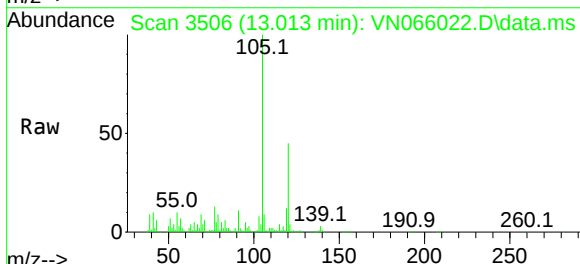
Instrument :
MSVOA_N
ClientSampleId :

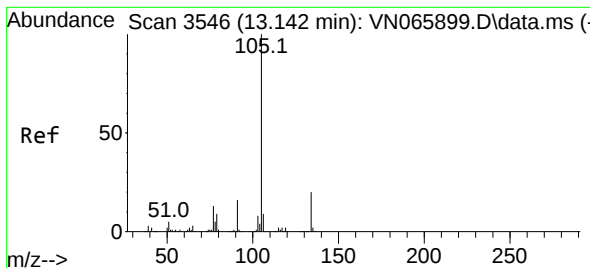
Tgt Ion:119 Resp: 22911
Ion Ratio Lower Upper
119 100
91 58.2 33.0 98.9
134 0.0 12.7 38.1#



#84
1,2,4-Trimethylbenzene
Concen: 113.08 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:105 Resp: 769184
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 91.01 ug/l

RT: 13.145 min Scan# 3547

Delta R.T. 0.003 min

Lab File: VN066022.D

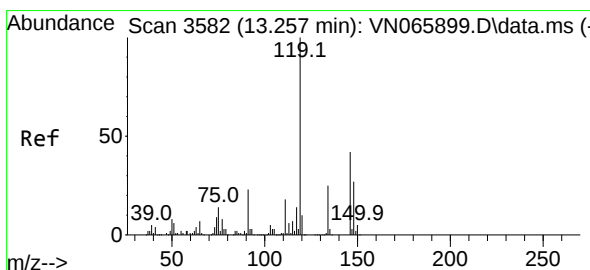
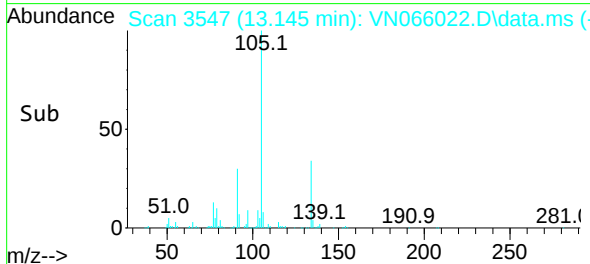
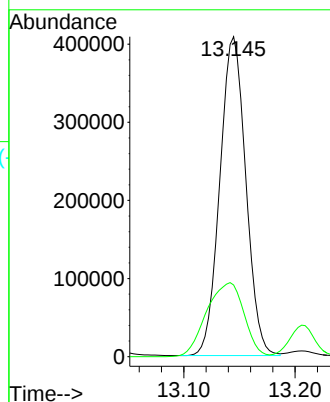
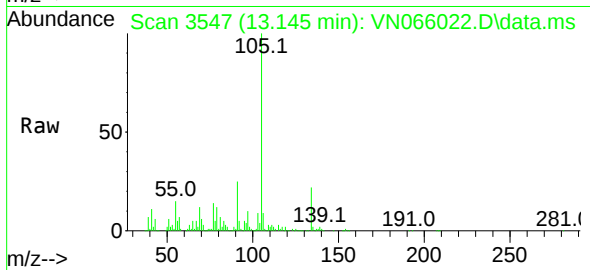
Acq: 25 Feb 2021 12:42

Tgt Ion:105 Resp: 661606

Ion Ratio Lower Upper

105 100

134 33.5 10.0 30.0#



#86

p-Isopropyltoluene

Concen: 40.03 ug/l

RT: 13.260 min Scan# 3583

Delta R.T. 0.003 min

Lab File: VN066022.D

Acq: 25 Feb 2021 12:42

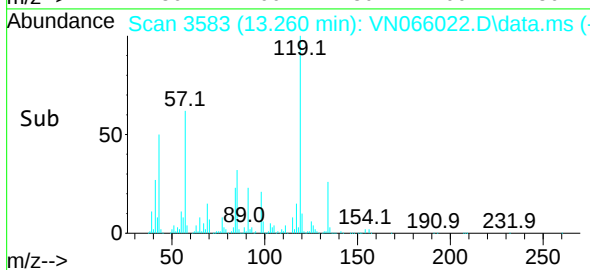
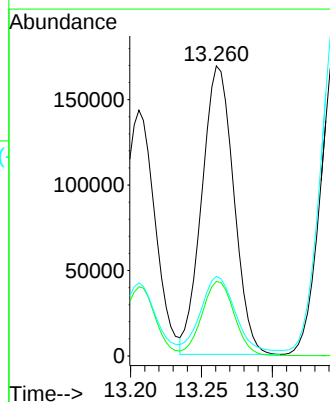
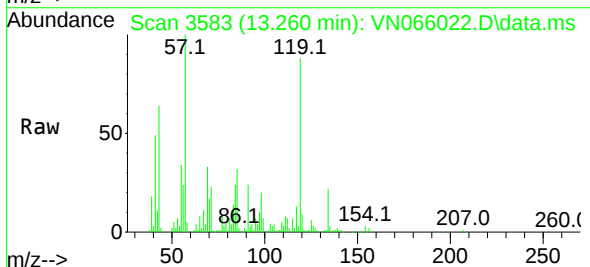
Tgt Ion:119 Resp: 264173

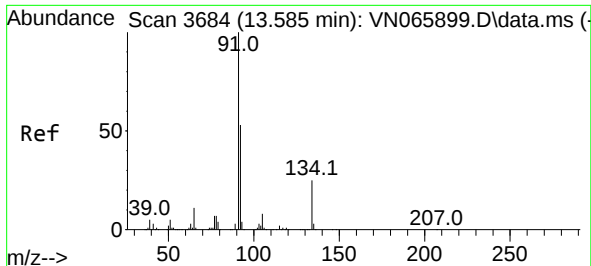
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 26.4 11.8 35.3

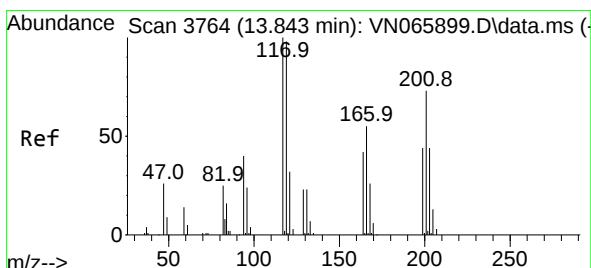
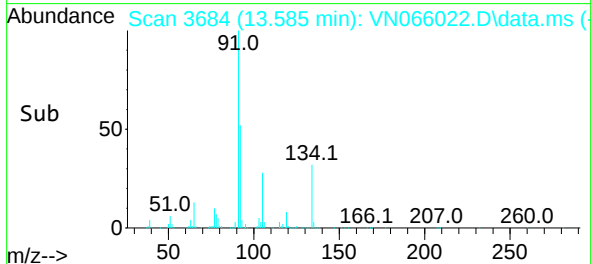
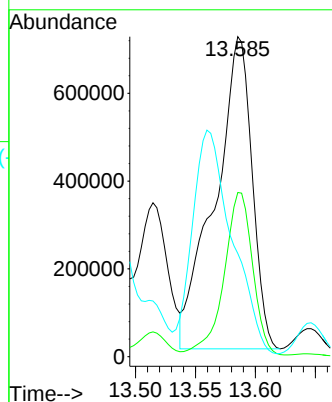
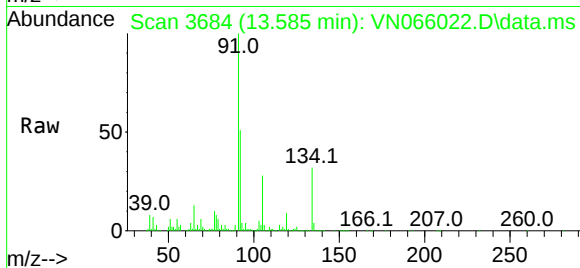




#89
n-Butylbenzene
Concen: 275.27 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

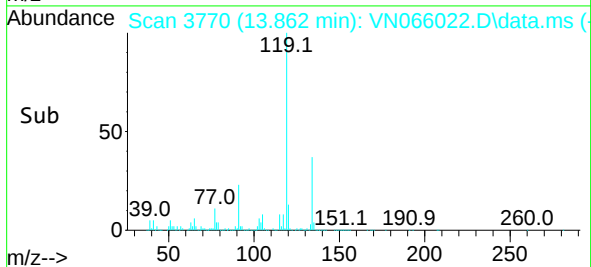
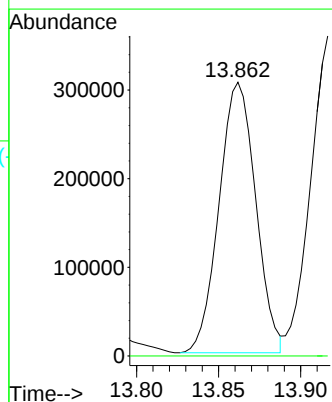
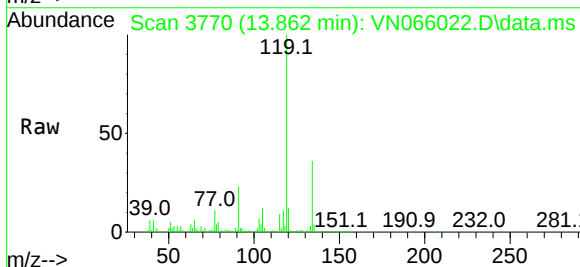
Instrument :
MSVOA_N
ClientSampled :

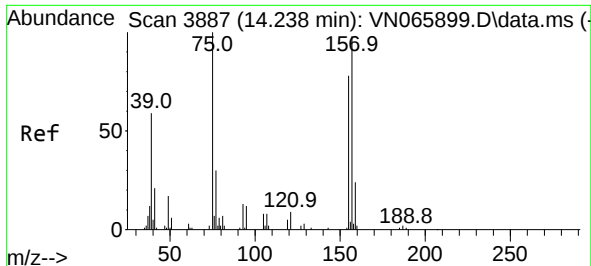
Tgt Ion: 91 Resp: 1531690
Ion Ratio Lower Upper
91 100
92 40.5 26.1 78.3
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 423.91 ug/l
RT: 13.862 min Scan# 3770
Delta R.T. 0.019 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 117 Resp: 473651
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#

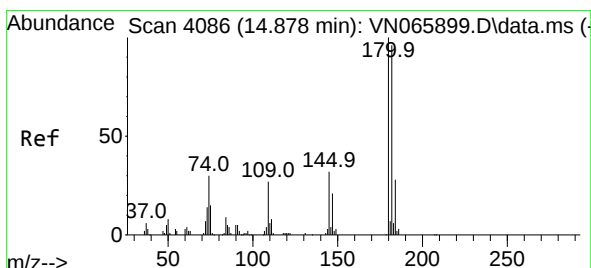
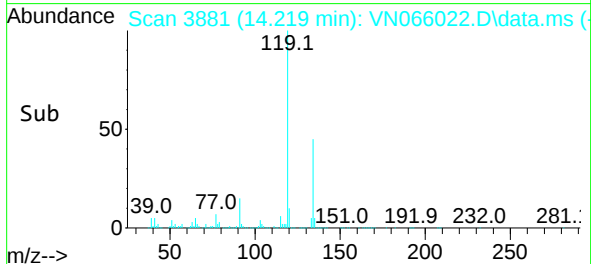
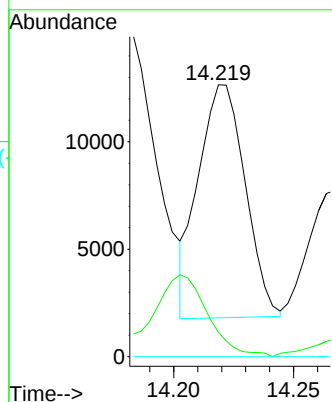
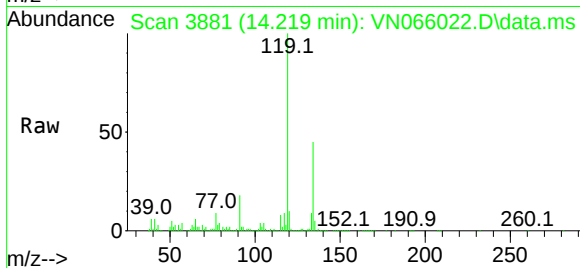




#92
1,2-Dibromo-3-Chloropropane
Concen: 32.05 ug/l
RT: 14.219 min Scan# 3881
Delta R.T. -0.019 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

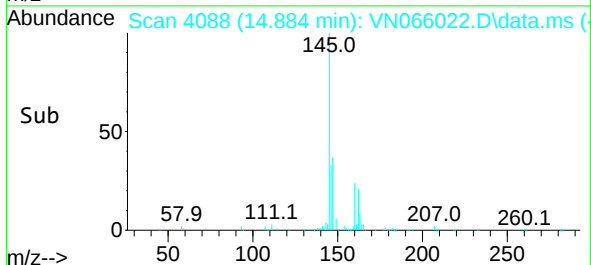
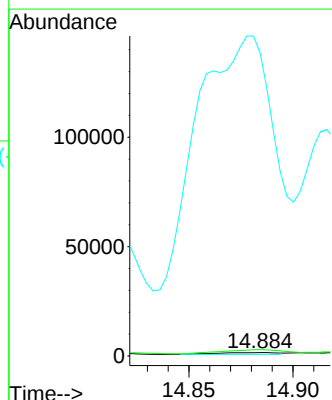
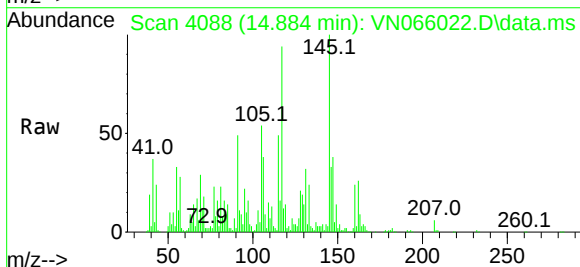
Instrument :
MSVOA_N
ClientSampleId :

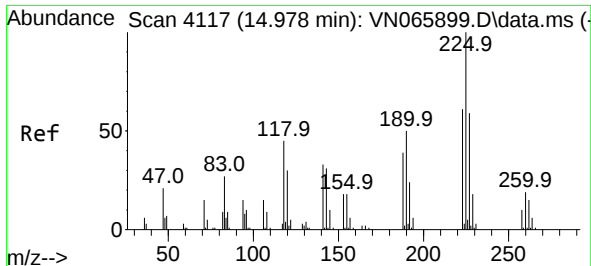
Tgt Ion: 75 Resp: 14721
Ion Ratio Lower Upper
75 100
155 38.6 44.1 132.4#
157 0.0 56.0 168.2#



#93
1,2,4-Trichlorobenzene
Concen: 3.33 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.006 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:180 Resp: 1600
Ion Ratio Lower Upper
180 100
182 259.0 47.3 142.0#
145 21971.9 15.6 46.8#

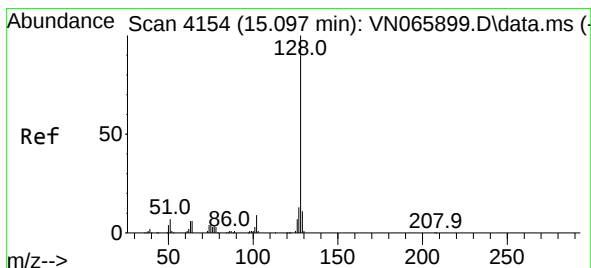
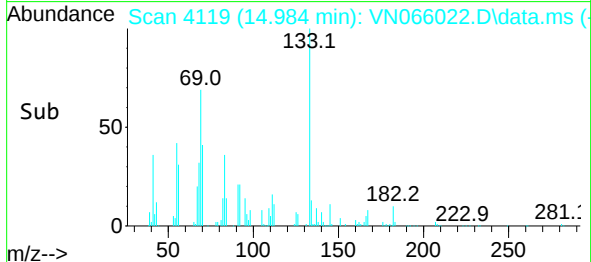
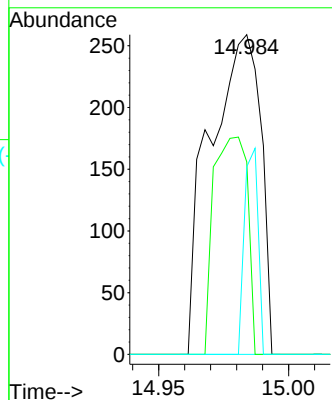
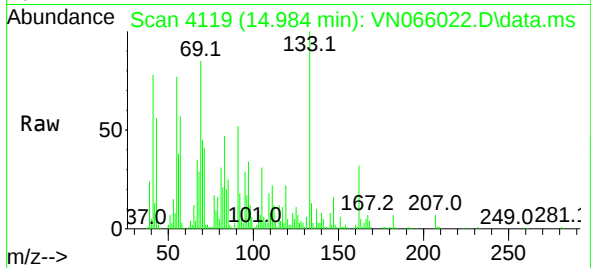




#94
Hexachlorobutadiene
Concen: 0.47 ug/l
RT: 14.984 min Scan# 4119
Delta R.T. 0.006 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

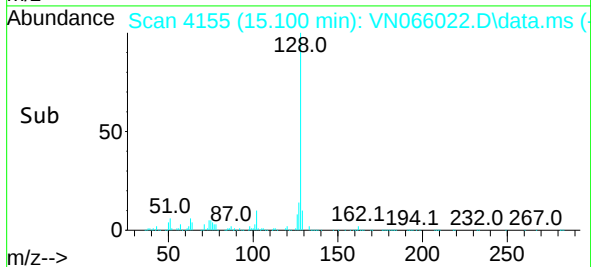
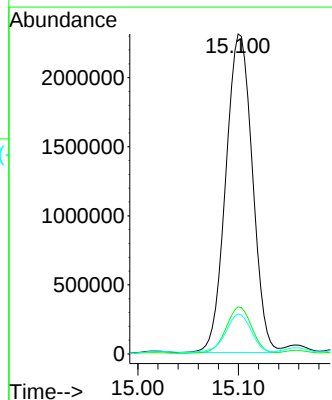
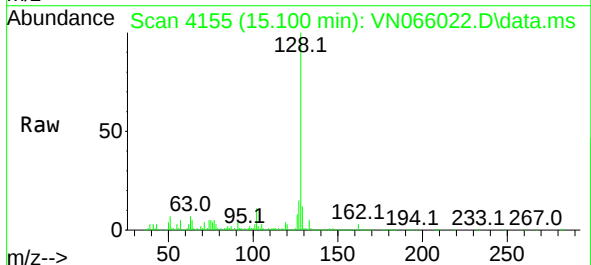
Instrument :
MSVOA_N
ClientSampled :

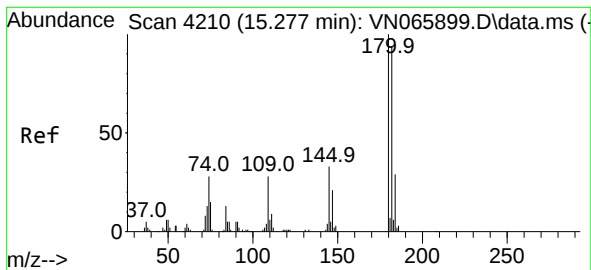
Tgt Ion:	225	Resp:	352
Ion	Ratio	Lower	Upper
225	100		
223	45.2	31.9	95.9
227	17.6	31.6	95.0#



#95
Naphthalene
Concen: 704.10 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

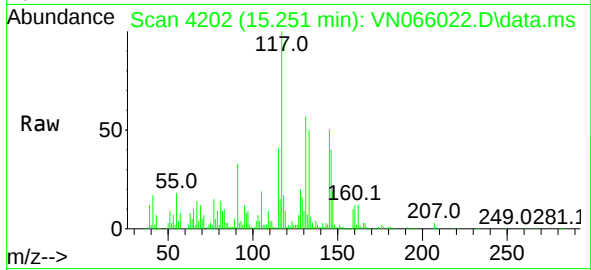
Tgt Ion:	128	Resp:	4232748
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.2
129	11.5	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 5.83 ug/l
 RT: 15.251 min Scan# 4202
 Delta R.T. -0.026 min
 Lab File: VN066022.D
 Acq: 25 Feb 2021 12:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 6681
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.3#
 145 2517.6 16.5 49.5#

