

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066398.D
 Acq On : 30 Mar 2021 00:24
 Operator : JC/MD
 Sample : PB135367ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB135367ZHE#05

Quant Time: Mar 30 07:07:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

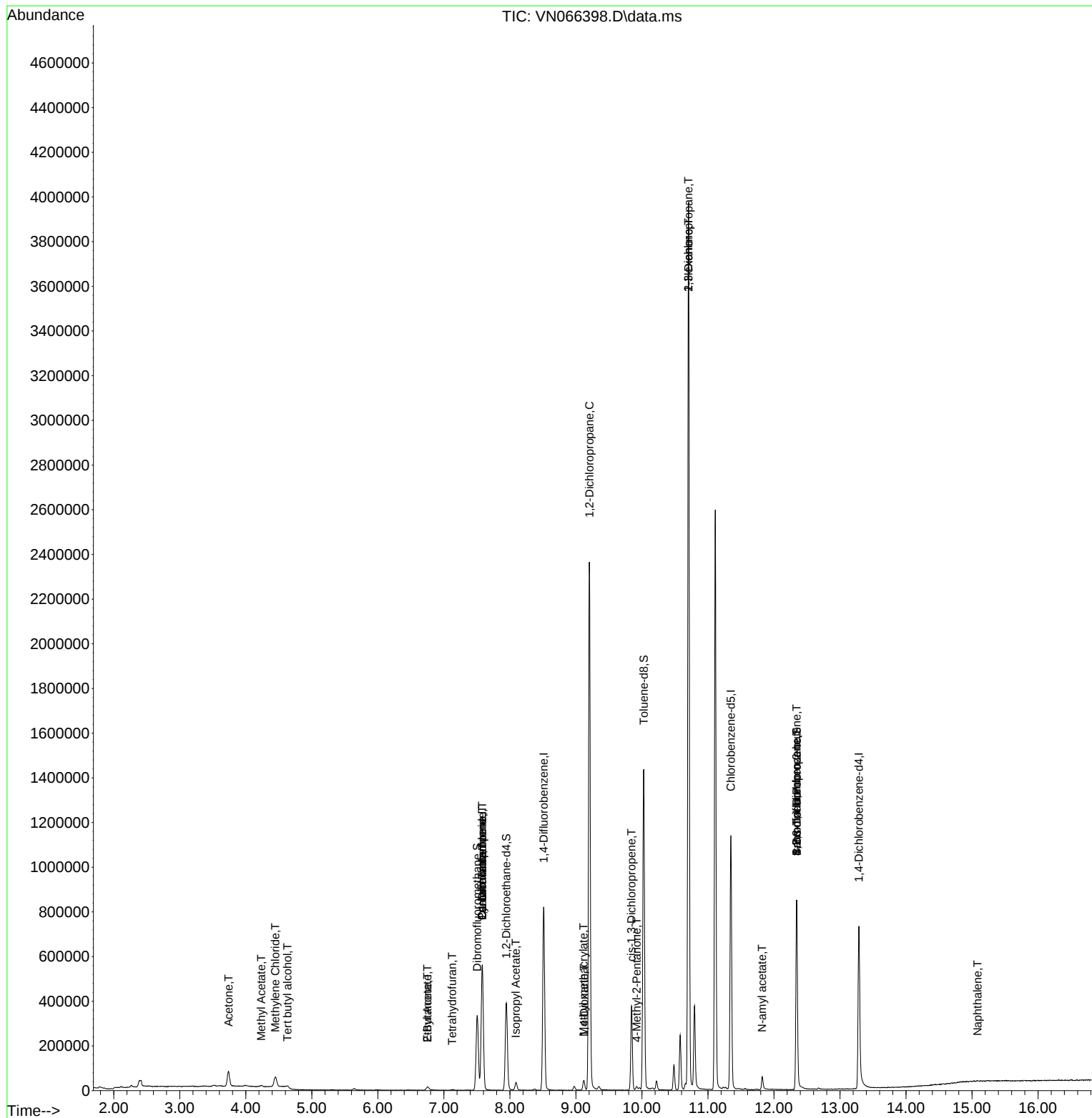
Internal Standards						
1) Pentafluorobenzene	7.582	168	468160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	714435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	640069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	237886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	325198	52.25	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.50%			
35) Dibromofluoromethane	7.507	113	251322	53.06	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.12%			
50) Toluene-d8	10.028	98	976261	54.34	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.68%			
62) 4-Bromofluorobenzene	12.345	95	294074	47.13	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.26%			
Target Compounds						Qvalue
3) Chloromethane	2.011	50	3216	Below Cal		90
11) Tert butyl alcohol	4.632	59	3024	3.19 ug/l #		91
13) Acrolein	3.532	56	2833	Below Cal #		80
16) Acetone	3.739	43	105018	31.23 ug/l		97
18) Methyl Acetate	4.235	43	11133	1.27 ug/l #		74
20) Methylene Chloride	4.449	84	30475	3.91 ug/l		94
25) 2-Butanone	6.750	43	13189	3.59 ug/l		100
29) Tetrahydrofuran	7.126	42	1197	0.50 ug/l #		70
31) Cyclohexane	7.582	56	10143	1.18 ug/l #		1
36) 1,1-Dichloropropene	7.582	75	34423	5.13 ug/l #		49
37) Ethyl Acetate	6.750	43	13189	1.79 ug/l #		71
38) Carbon Tetrachloride	7.582	117	42550	6.31 ug/l #		16
43) Isopropyl Acetate	8.091	43	42341	3.35 ug/l		98
45) 1,2-Dichloropropane	9.204	63	2854	0.53 ug/l #		43
48) Methyl methacrylate	9.116	41	10154	1.69 ug/l #		12
49) 1,4-Dioxane	9.124	88	25	0.33 ug/l #		1
51) 4-Methyl-2-Pentanone	9.921	43	11205	1.52 ug/l		99
54) cis-1,3-Dichloropropene	9.843	75	66923	7.85 ug/l #		60
57) 1,3-Dichloropropane	10.706	76	40194	4.84 ug/l #		43
59) 2-Hexanone	10.706	43	570108	110.28 ug/l #		52
71) Bromoform	12.345	173	2192	0.54 ug/l #		1
74) N-amyl acetate	11.822	43	18906	5.74 ug/l #		54
76) 1,2,3-Trichloropropane	12.345	75	149130	28.57 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.345	75	149130	85.92 ug/l #		12
95) Naphthalene	15.083	128	2224	1.21 ug/l #		92

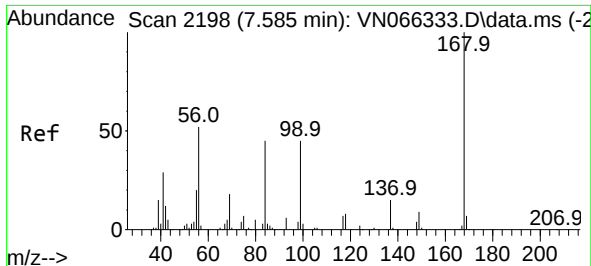
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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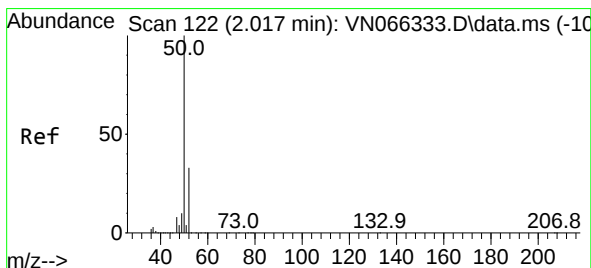
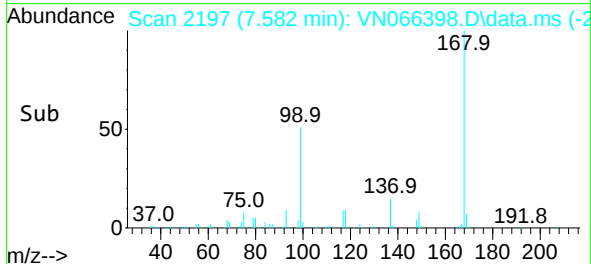
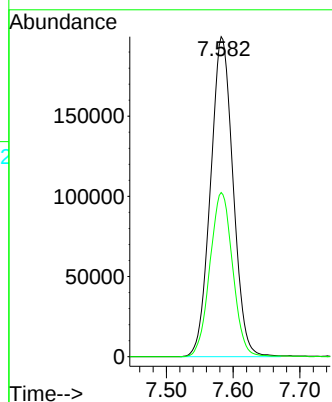
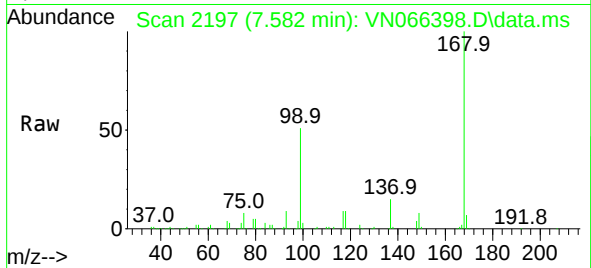




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

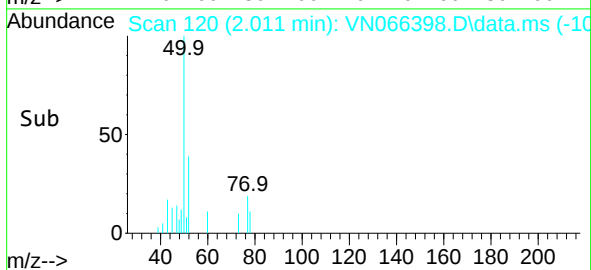
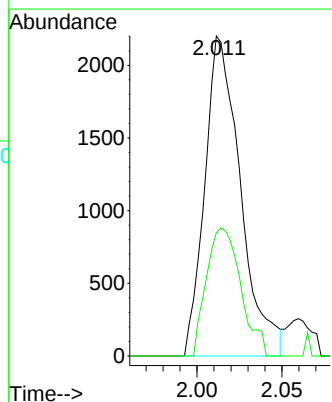
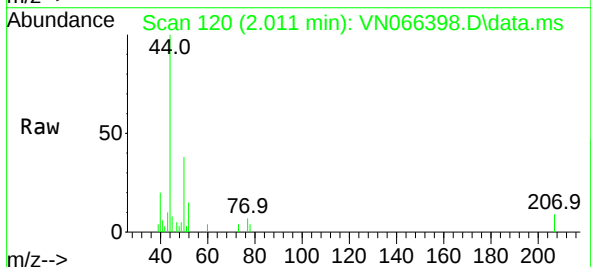
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

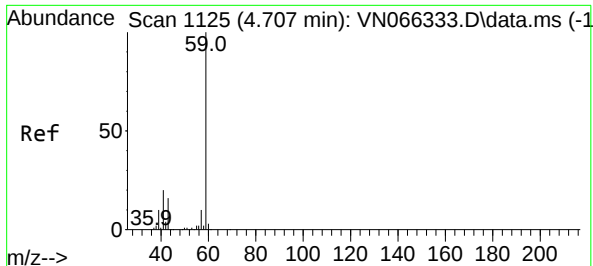
Tgt Ion:168 Resp: 468160
Ion Ratio Lower Upper
168 100
99 51.3 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.011 min Scan# 120
Delta R.T. -0.006 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 50 Resp: 3216
Ion Ratio Lower Upper
50 100
52 38.5 26.2 39.2



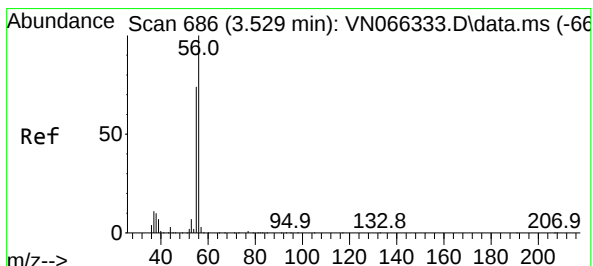
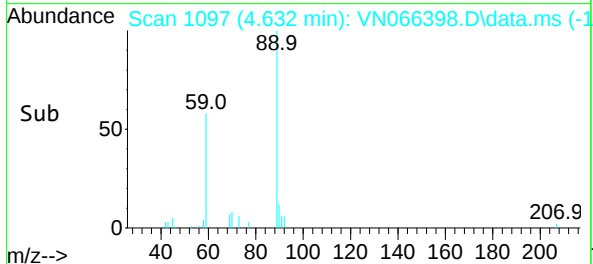
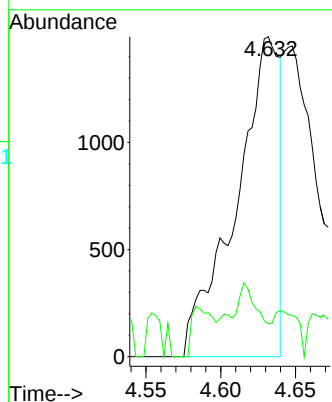
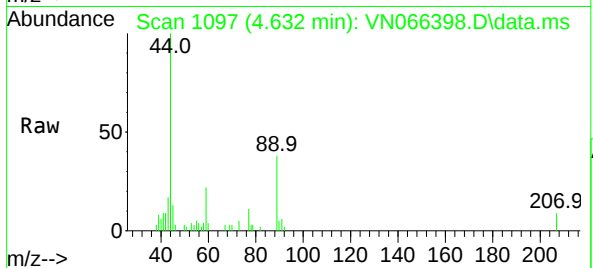


#11

Tert butyl alcohol
Concen: 3.19 ug/l
RT: 4.632 min Scan# 1097
Delta R.T. -0.075 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

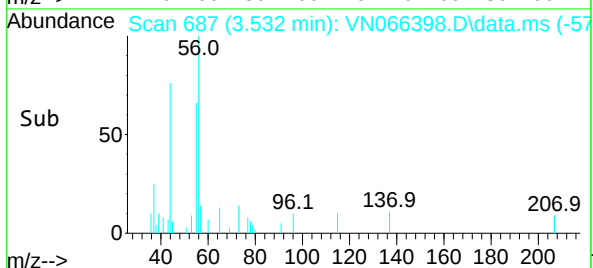
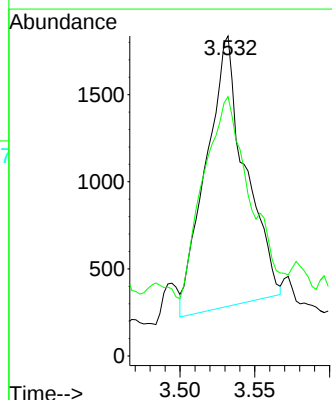
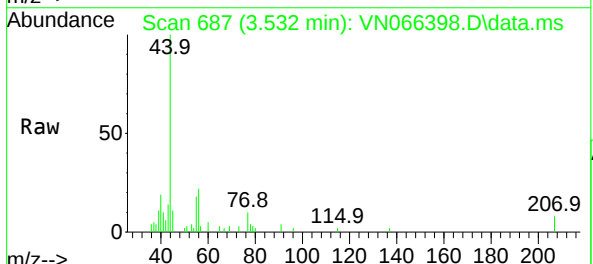
Tgt Ion: 59 Resp: 3024
Ion Ratio Lower Upper
59 100
57 8.1 4.1 6.1#

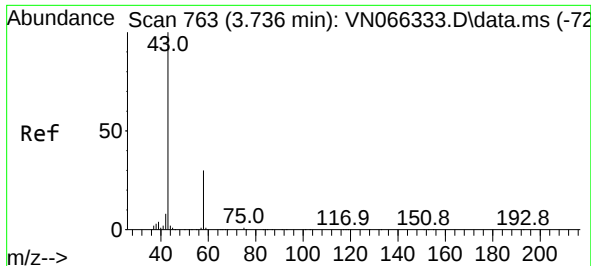


#13

Acrolein
Concen: Below Cal
RT: 3.532 min Scan# 687
Delta R.T. 0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 56 Resp: 2833
Ion Ratio Lower Upper
56 100
55 89.1 57.9 86.9#

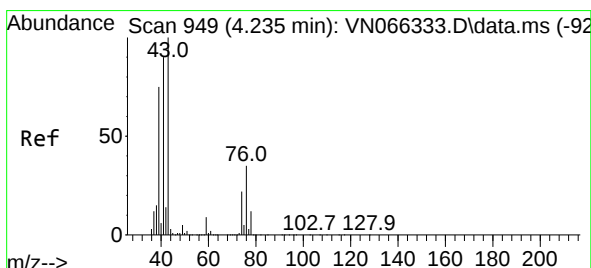
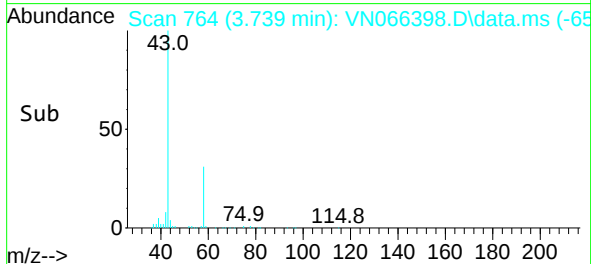
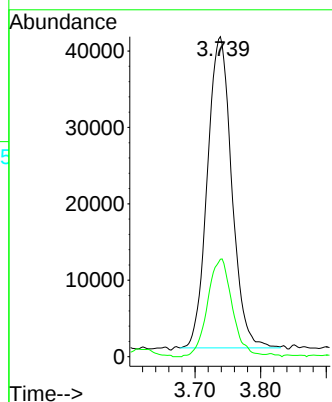
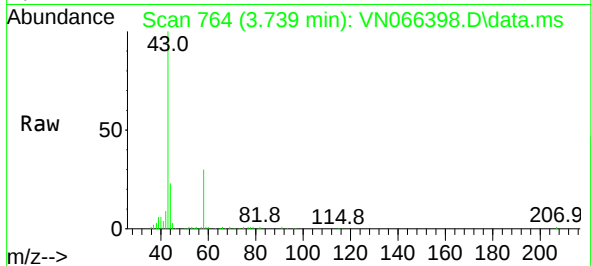




#16
Acetone
Concen: 31.23 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

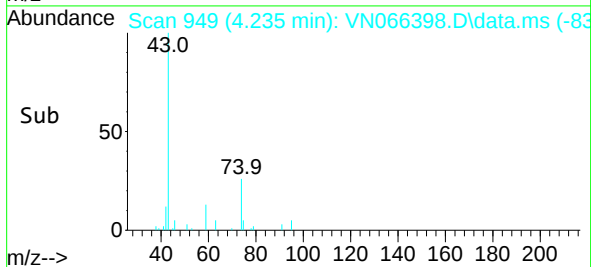
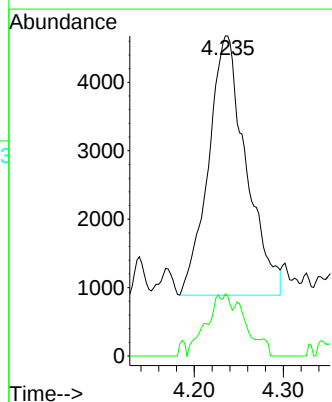
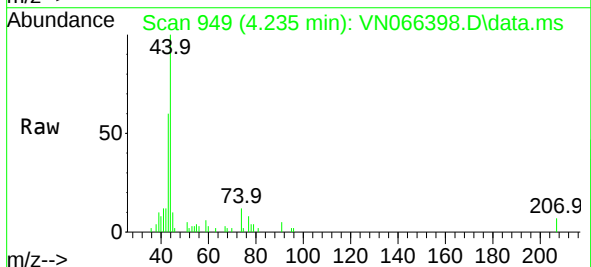
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

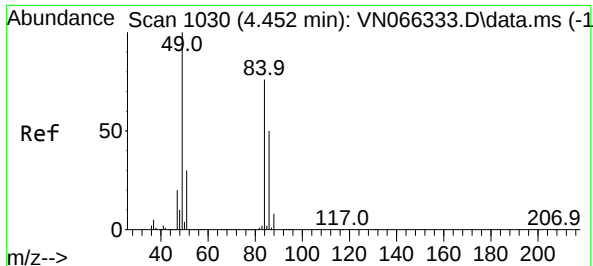
Tgt Ion: 43 Resp: 105018
Ion Ratio Lower Upper
43 100
58 31.3 23.8 35.8



#18
Methyl Acetate
Concen: 1.27 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

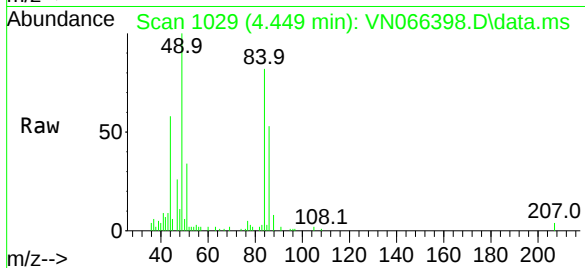
Tgt Ion: 43 Resp: 11133
Ion Ratio Lower Upper
43 100
74 9.8 17.6 26.4#



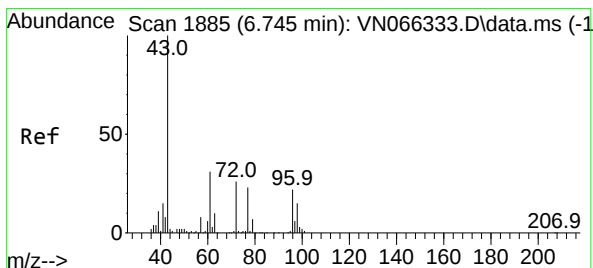
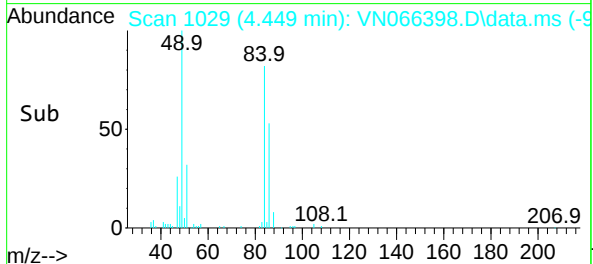
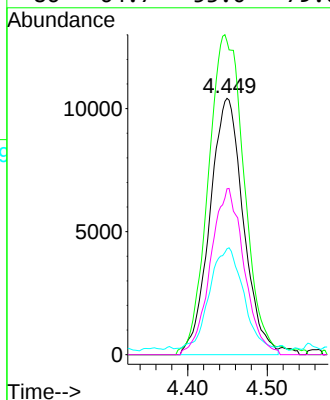


#20
Methylene Chloride
Concen: 3.91 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

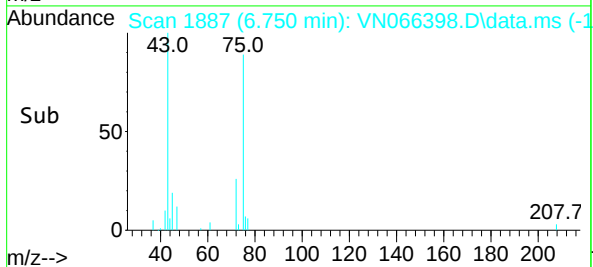
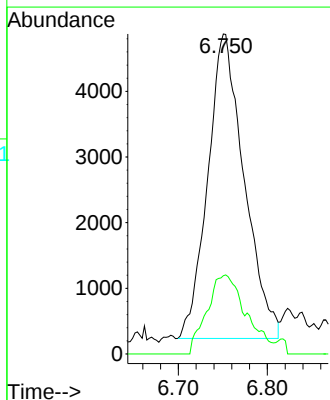
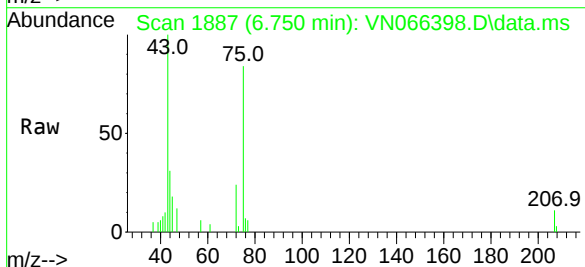


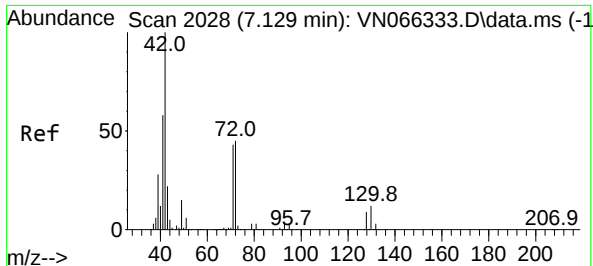
Tgt Ion:	84	Resp:	30475
Ion	Ratio	Lower	Upper
84	100		
49	120.4	105.0	157.6
51	38.8	31.6	47.4
86	64.7	53.0	79.6



#25
2-Butanone
Concen: 3.59 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.005 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion:	43	Resp:	13189
Ion	Ratio	Lower	Upper
43	100		
72	25.7	20.7	31.1

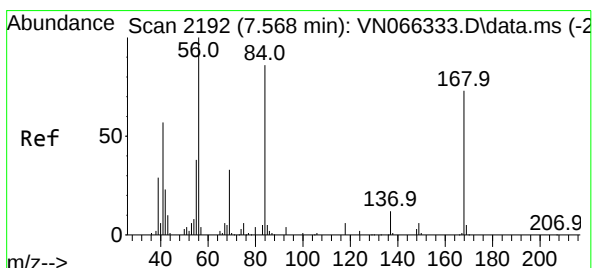
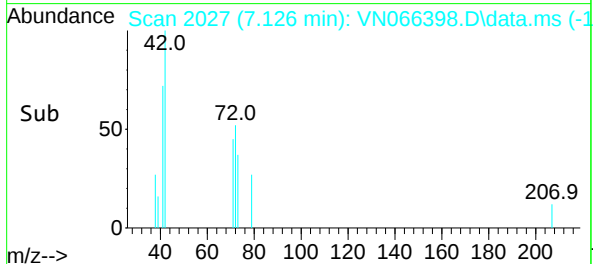
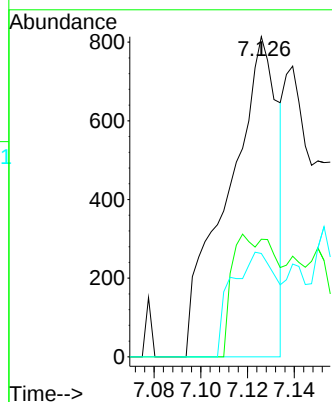
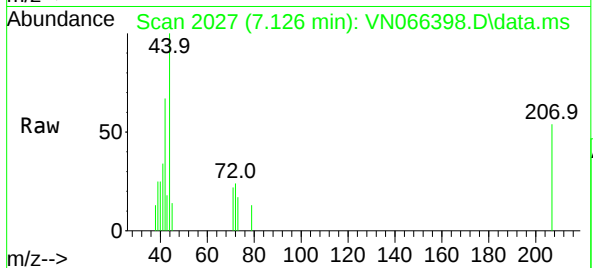




#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 7.126 min Scan# 2027
Delta R.T. -0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

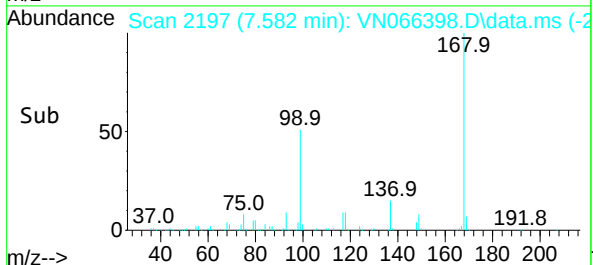
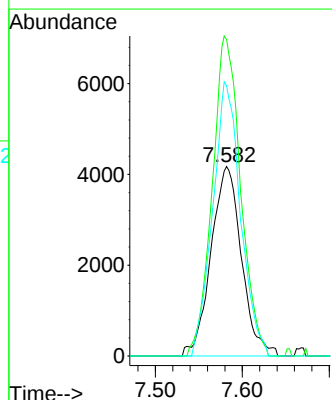
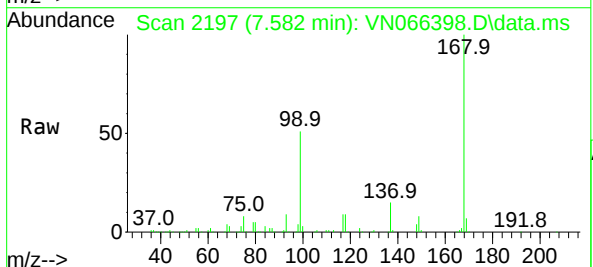
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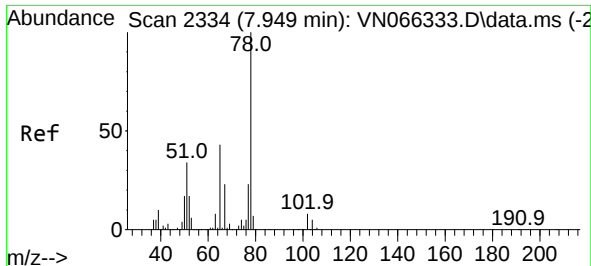
Tgt Ion: 42	Resp: 1197
Ion Ratio	Lower Upper
42	100
72	18.5 35.2 52.8#
71	29.0 33.1 49.7#



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 56	Resp: 10143
Ion Ratio	Lower Upper
56	100
69	167.0 26.6 40.0#
84	142.6 68.7 103.1#

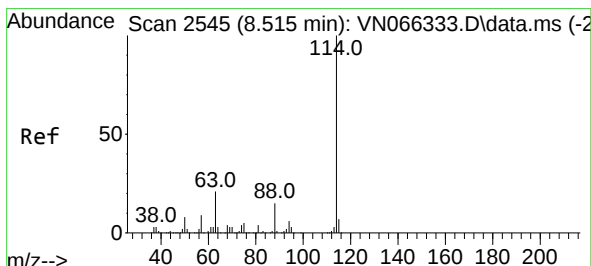
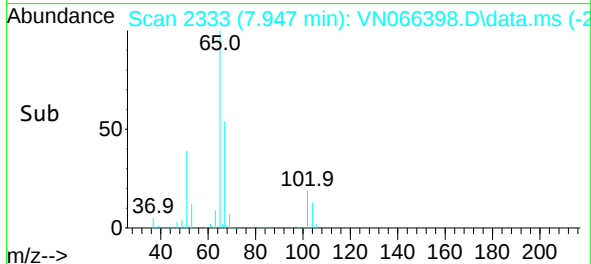
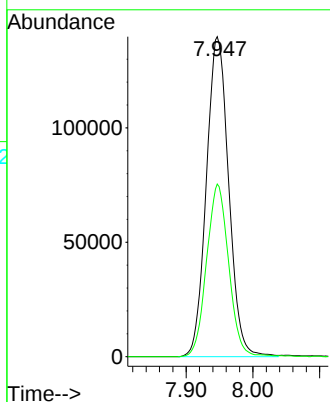
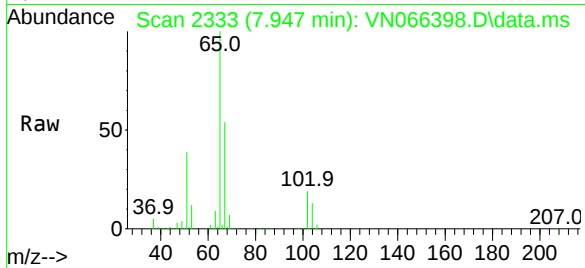




#33
1,2-Dichloroethane-d4
Concen: 52.25 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

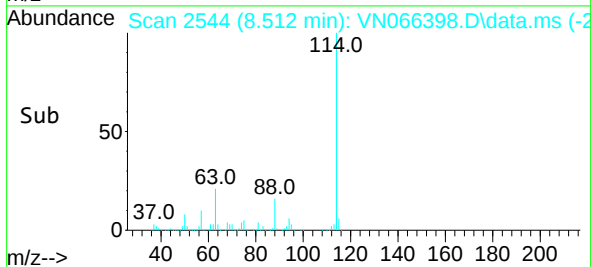
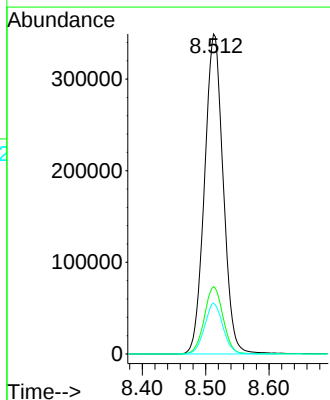
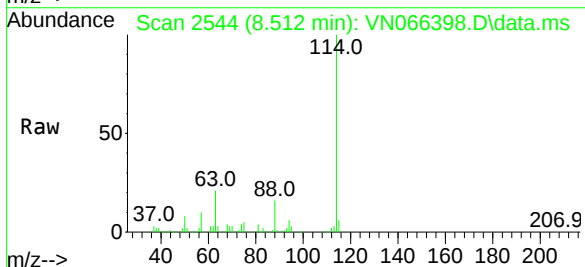
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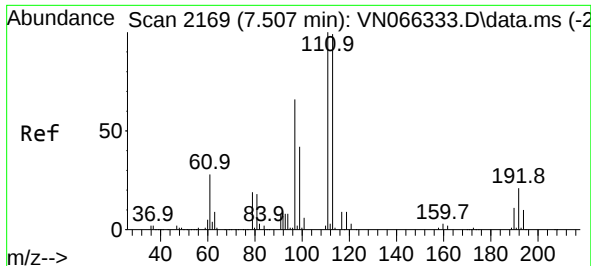
Tgt Ion: 65 Resp: 325198
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 114 Resp: 714435
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.0
88 15.9 0.0 31.0

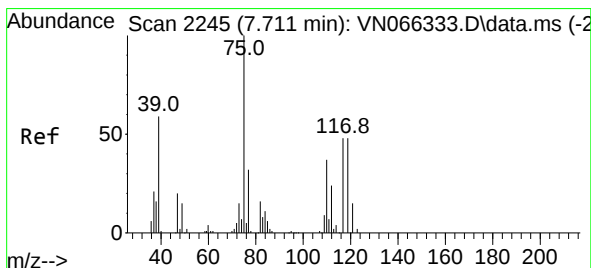
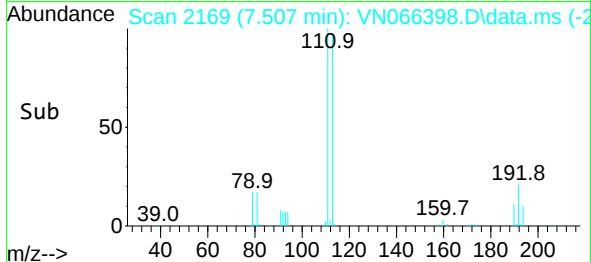
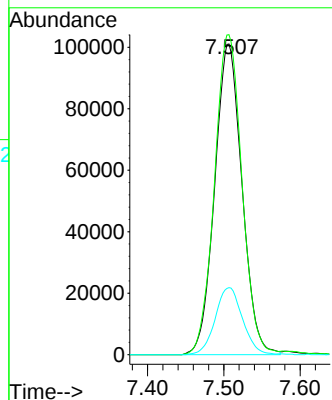
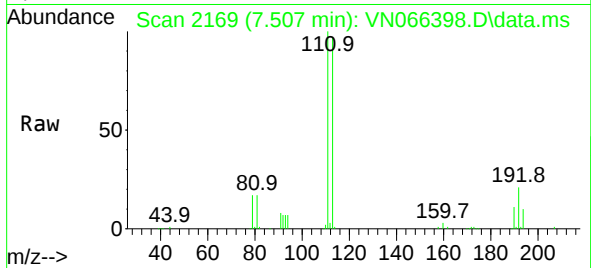




#35
Dibromofluoromethane
Concen: 53.06 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

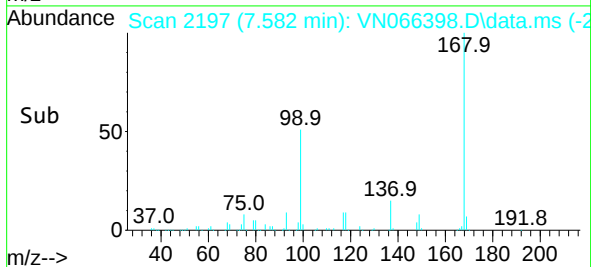
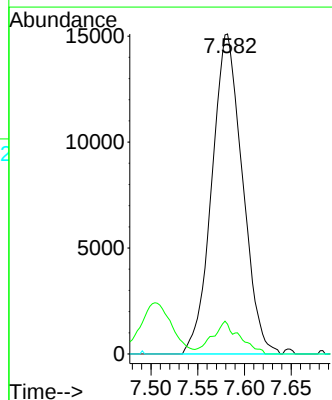
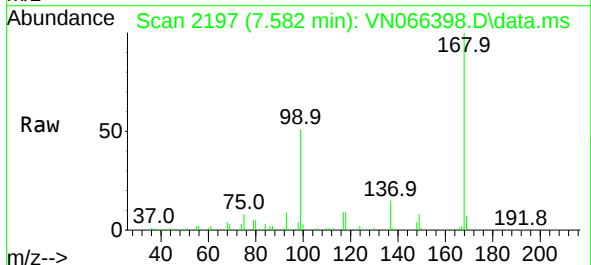
Instrument :
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ClientSampleId :
PB135367ZHE#05

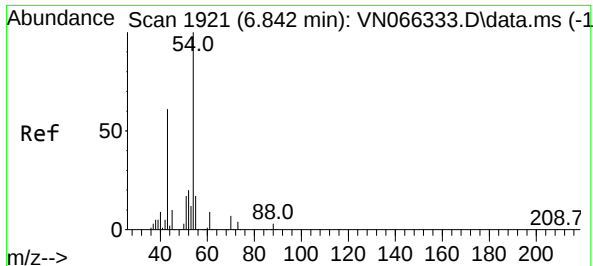
Tgt Ion:113 Resp: 251322
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 21.6 17.1 25.7



#36
1,1-Dichloropropene
Concen: 5.13 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 75 Resp: 34423
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.79 ug/l

RT: 6.750 min Scan# 1887

Delta R.T. -0.091 min

Lab File: VN066398.D

Acq: 30 Mar 2021 00:24

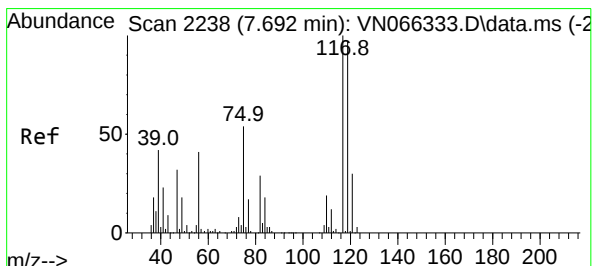
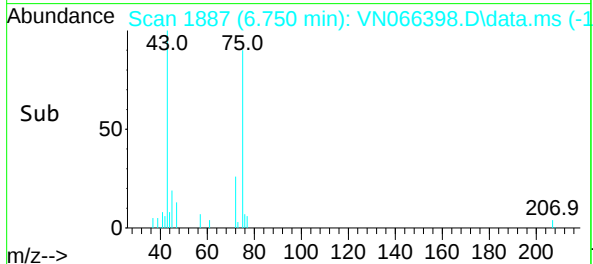
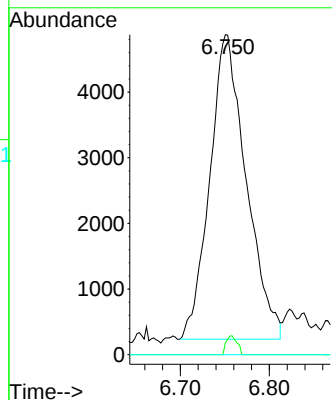
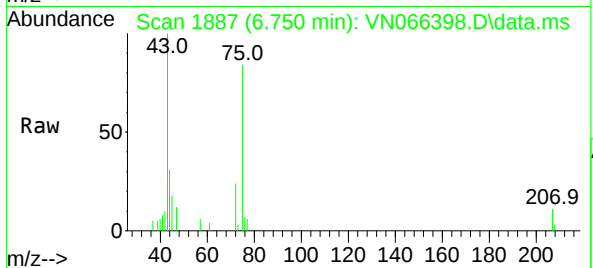
Instrument :

MSVOA_N

ClientSampleId :

PB135367ZHE#05

Tgt Ion:	43	Resp:	13189
Ion	Ratio	Lower	Upper
43	100		
61	1.9	11.1	16.7#
70	0.0	8.0	12.0#



#38

Carbon Tetrachloride

Concen: 6.31 ug/l

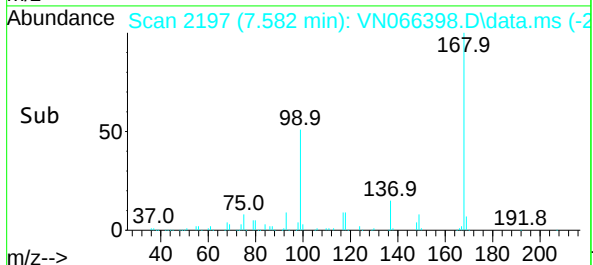
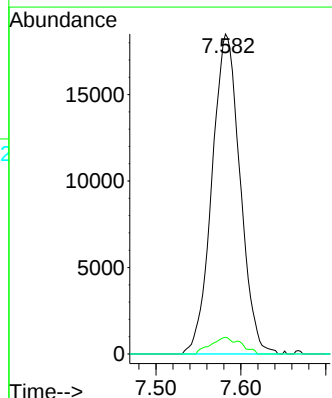
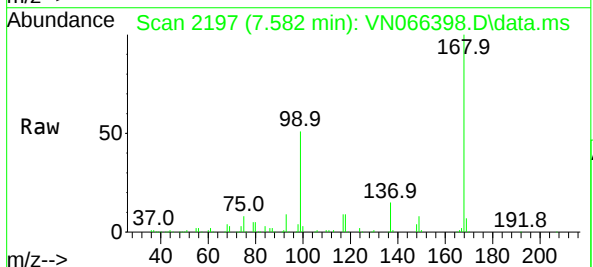
RT: 7.582 min Scan# 2197

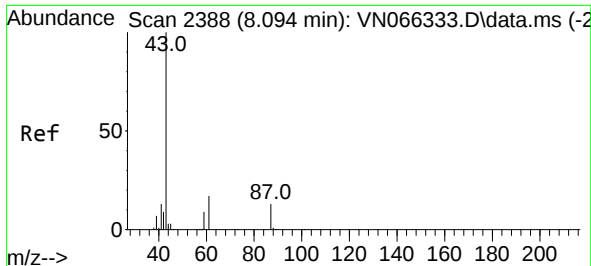
Delta R.T. -0.110 min

Lab File: VN066398.D

Acq: 30 Mar 2021 00:24

Tgt Ion:	117	Resp:	42550
Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.2	115.8#
121	0.0	24.2	36.4#

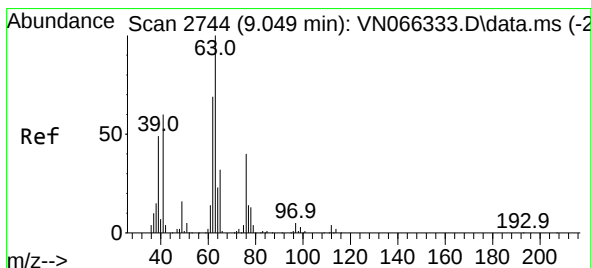
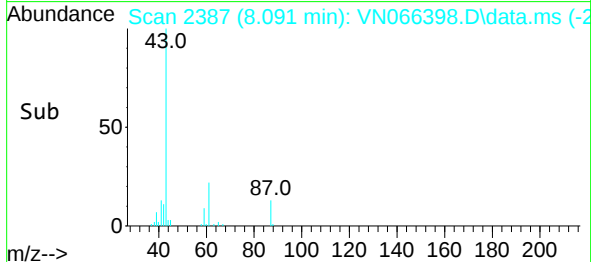
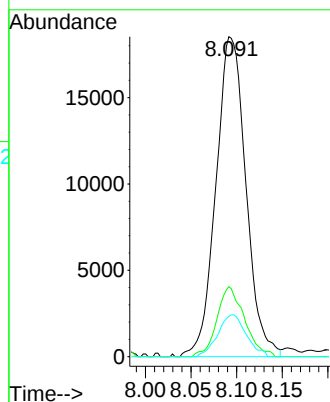
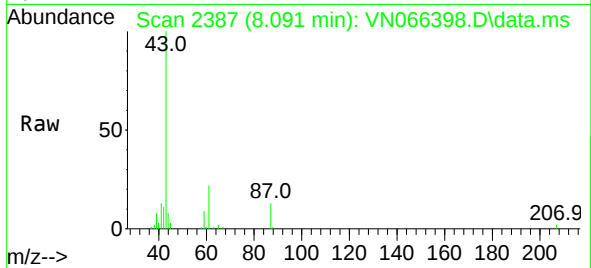




#43
Isopropyl Acetate
Concen: 3.35 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

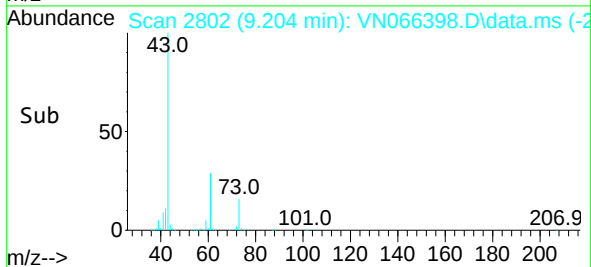
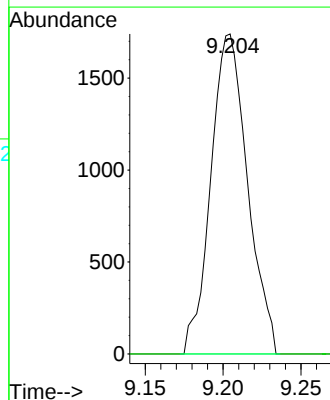
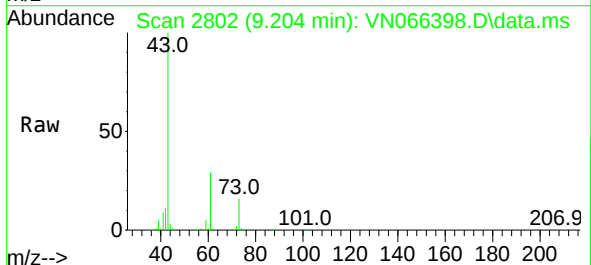
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

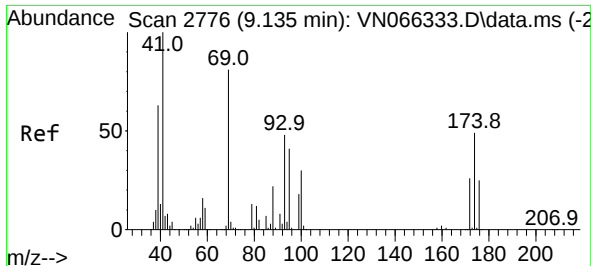
Tgt Ion:	43	Resp:	42341
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.5	23.3
87	12.4	10.5	15.7



#45
1,2-Dichloropropane
Concen: 0.53 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.156 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion:	63	Resp:	2854
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.5	38.3#

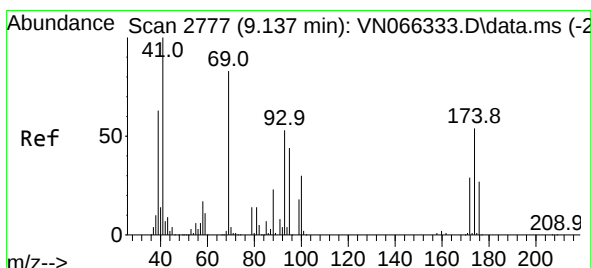
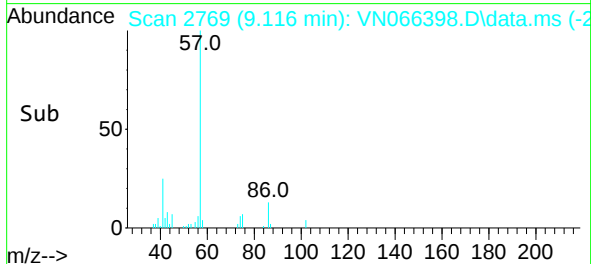
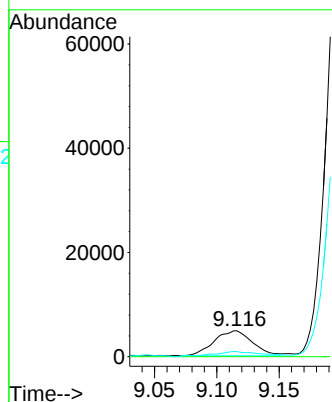
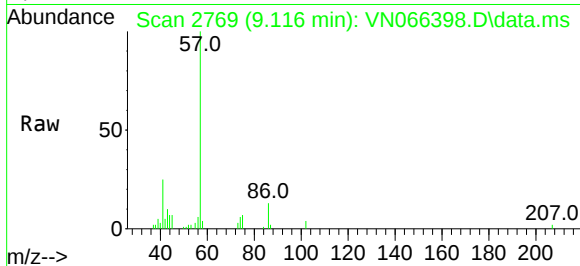




#48
Methyl methacrylate
Concen: 1.69 ug/l
RT: 9.116 min Scan# 2769
Delta R.T. -0.019 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

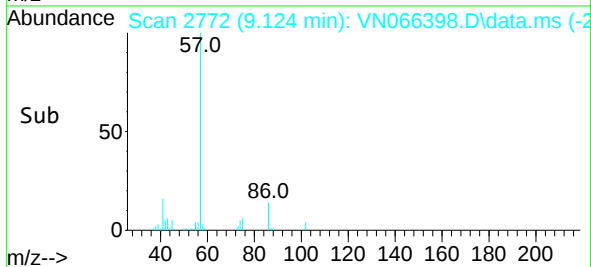
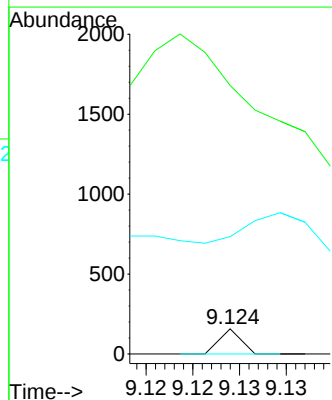
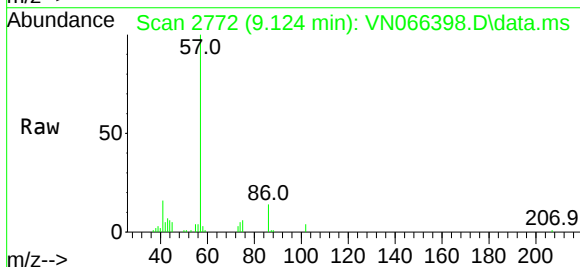
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

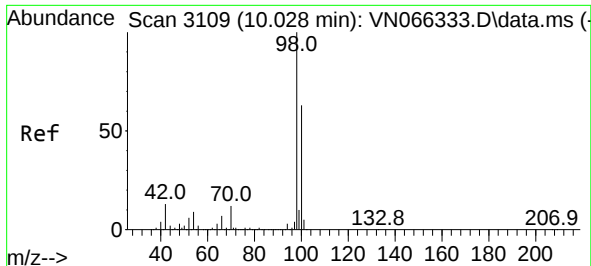
Tgt Ion: 41 Resp: 10154
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 0.0 51.5 77.3#



#49
1,4-Dioxane
Concen: 0.33 ug/l
RT: 9.124 min Scan# 2772
Delta R.T. -0.013 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 3616.0 56.6 84.8#

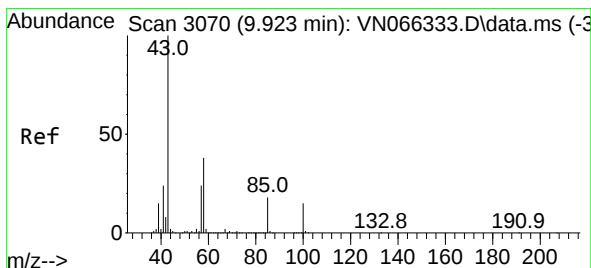
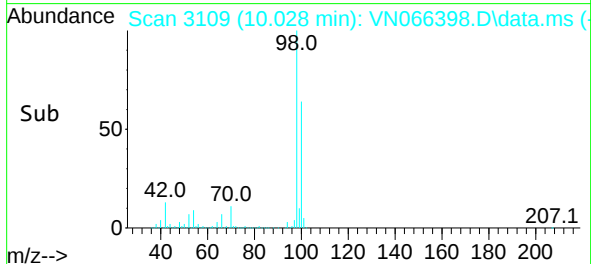
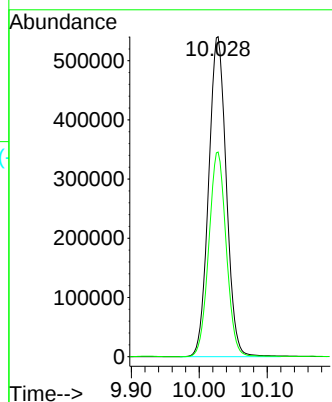
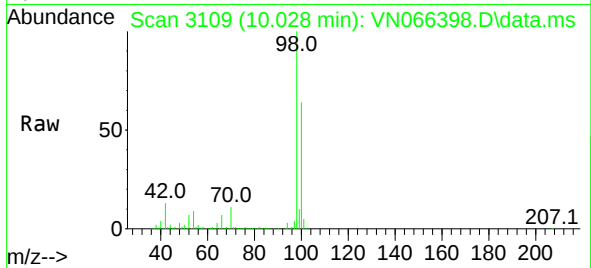




#50
Toluene-d8
Concen: 54.34 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

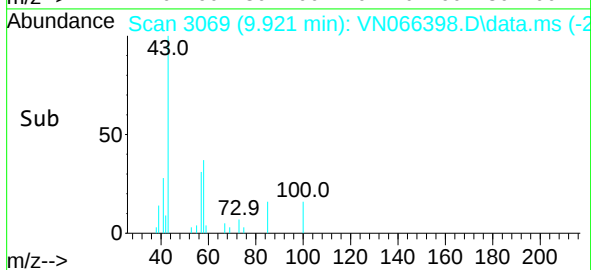
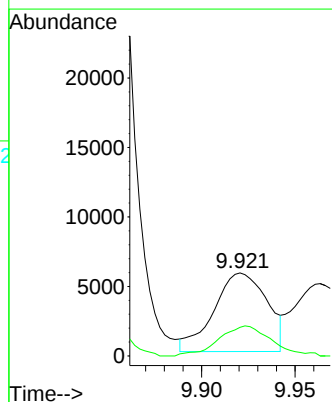
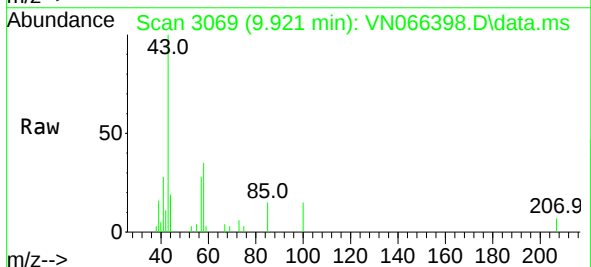
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

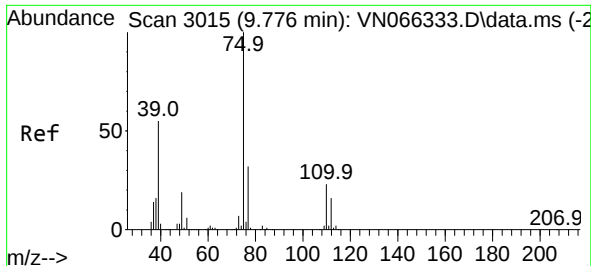
Tgt Ion: 98 Resp: 976261
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 9.921 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 43 Resp: 11205
Ion Ratio Lower Upper
43 100
58 37.8 30.8 46.2

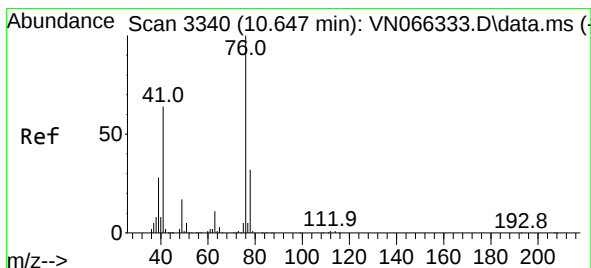
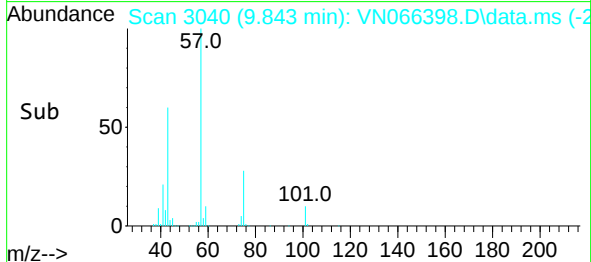
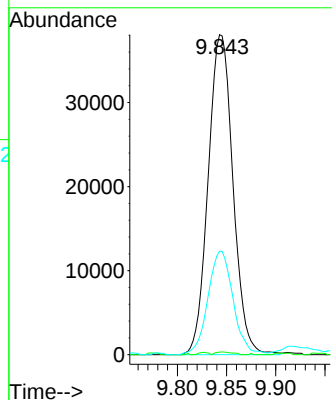
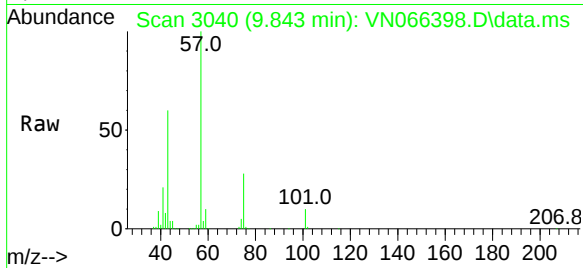




#54
cis-1,3-Dichloropropene
Concen: 7.85 ug/l
RT: 9.843 min Scan# 3040
Delta R.T. 0.067 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

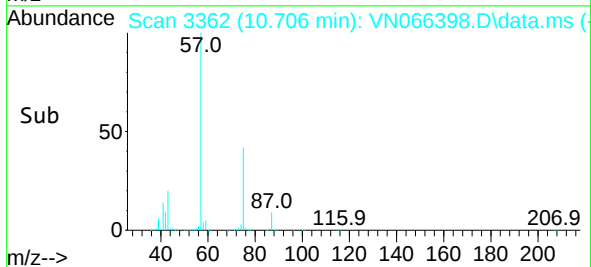
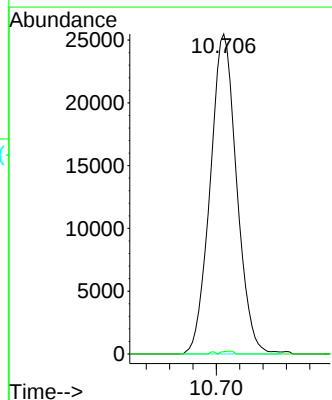
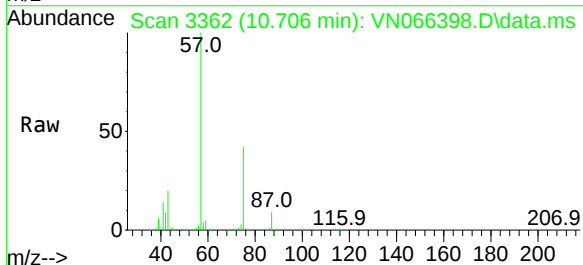
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

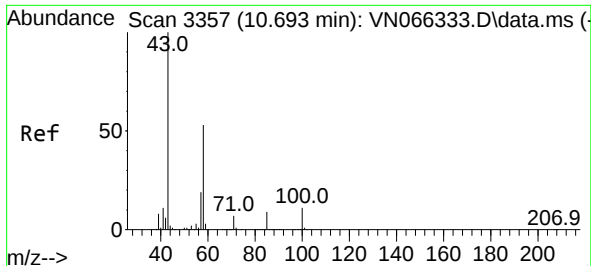
Tgt Ion: 75 Resp: 66923
Ion Ratio Lower Upper
75 100
77 0.8 25.4 38.2#
39 32.4 44.2 66.4#



#57
1,3-Dichloropropane
Concen: 4.84 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 76 Resp: 40194
Ion Ratio Lower Upper
76 100
78 0.4 25.9 38.9#

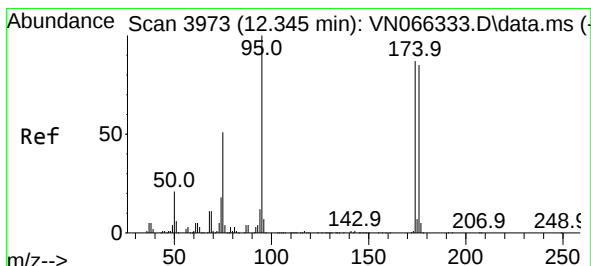
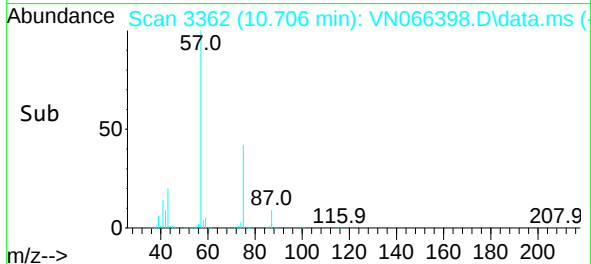
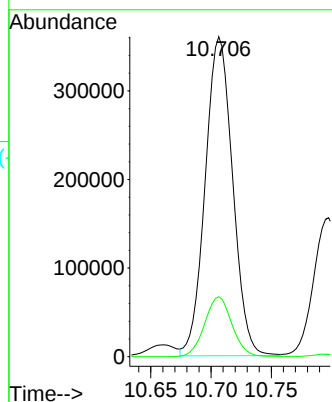
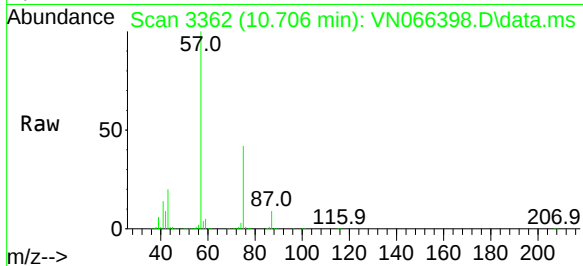




#59
2-Hexanone
Concen: 110.28 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

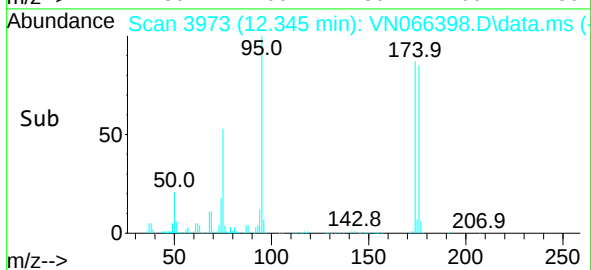
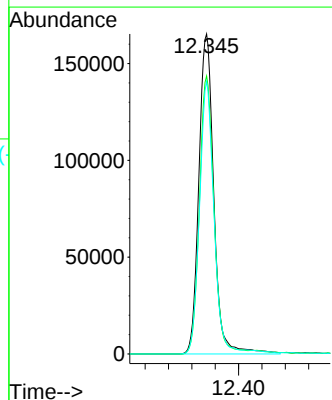
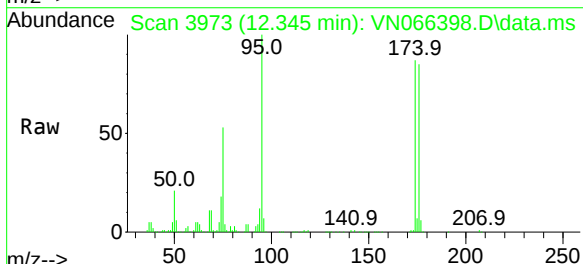
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

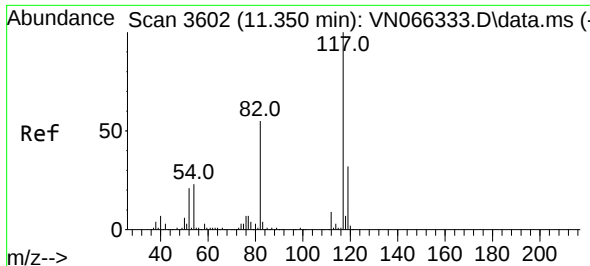
Tgt Ion: 43 Resp: 570108
Ion Ratio Lower Upper
43 100
58 18.8 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 47.13 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

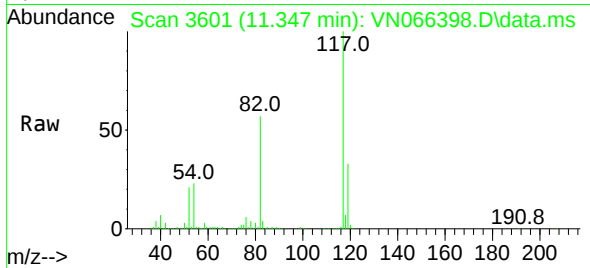
Tgt Ion: 95 Resp: 294074
Ion Ratio Lower Upper
95 100
174 84.4 0.0 172.2
176 81.3 0.0 167.8



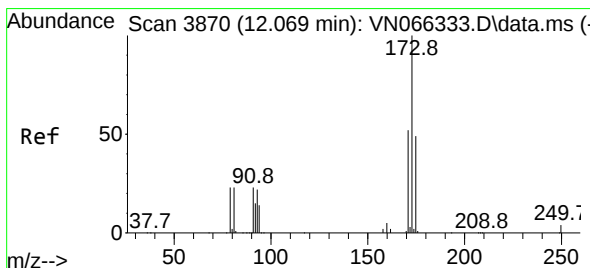
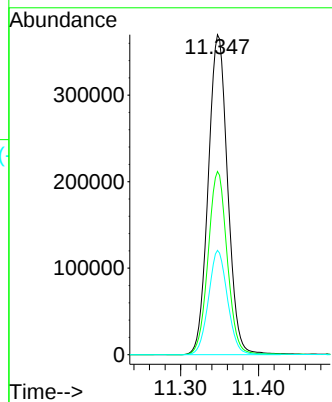
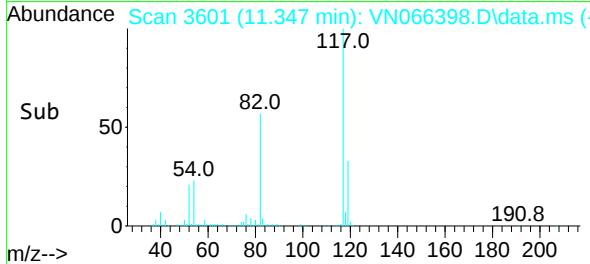


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

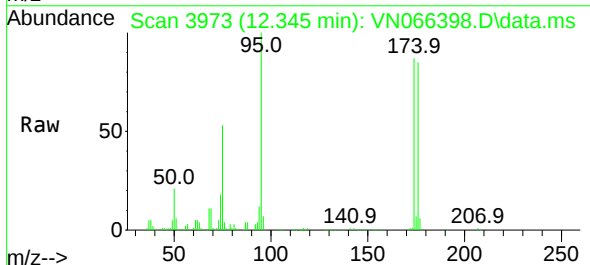
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05



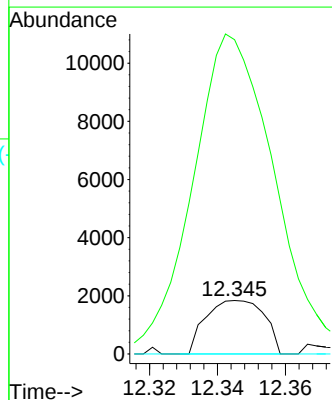
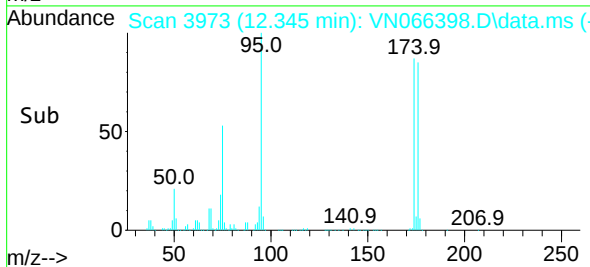
Tgt Ion:117 Resp: 640069
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.4
119 32.6 25.8 38.6

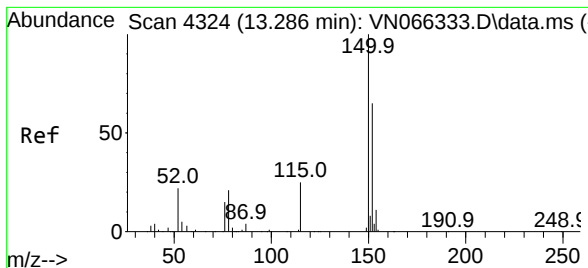


#71
Bromoform
Concen: 0.54 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24



Tgt Ion:173 Resp: 2192
Ion Ratio Lower Upper
173 100
175 752.7 24.3 72.8#
254 0.0 0.0 0.0

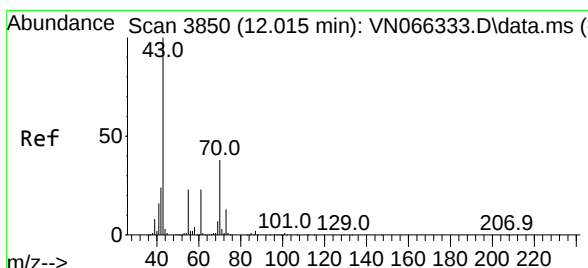
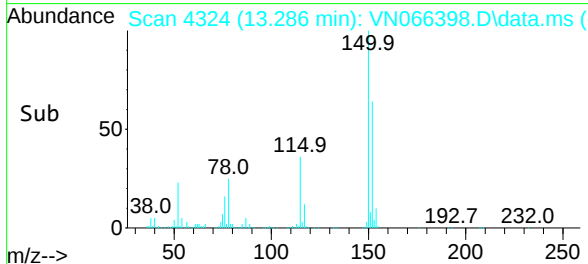
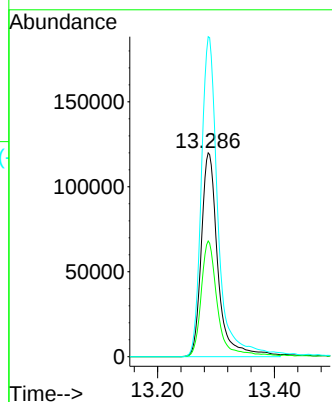
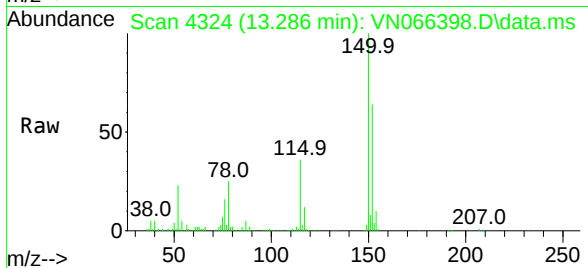




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

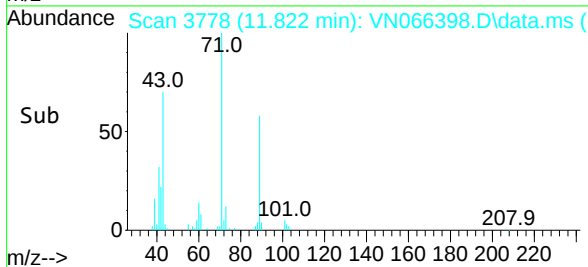
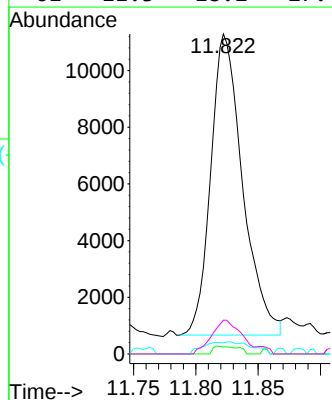
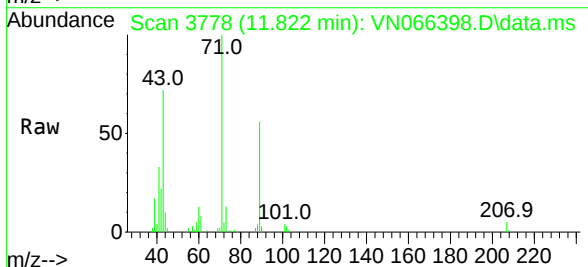
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

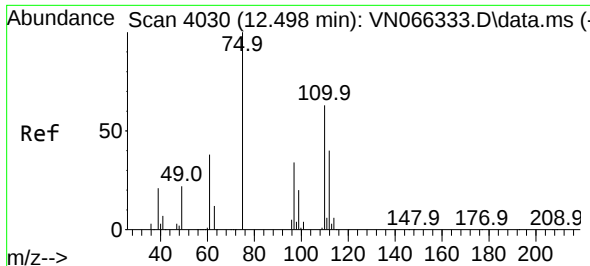
Tgt Ion:152 Resp: 237886
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 156.0 0.0 348.4



#74
N-ethyl acetate
Concen: 5.74 ug/l
RT: 11.822 min Scan# 3778
Delta R.T. -0.193 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 43 Resp: 18906
Ion Ratio Lower Upper
43 100
70 2.0 31.2 46.8#
55 2.7 18.6 28.0#
61 11.3 18.2 27.4#

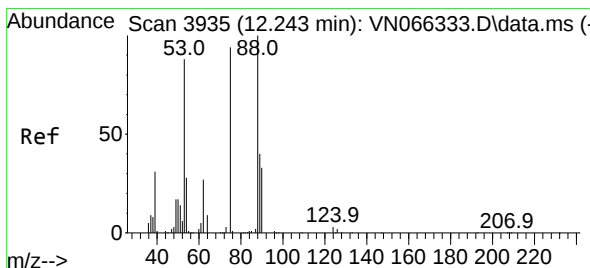
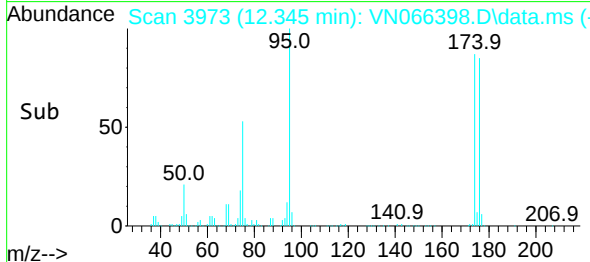
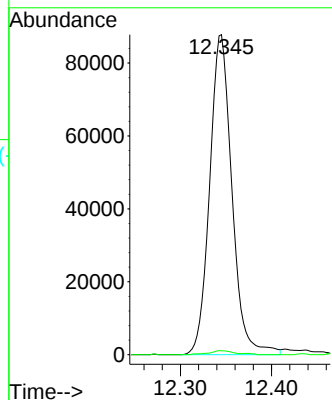
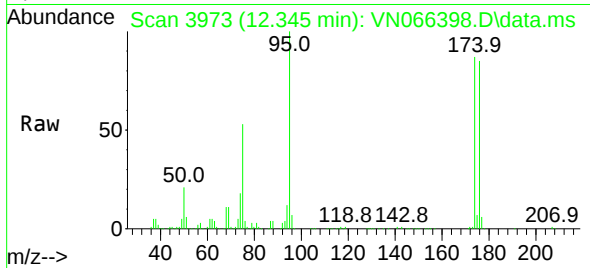




#76
1,2,3-Trichloropropane
Concen: 28.57 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

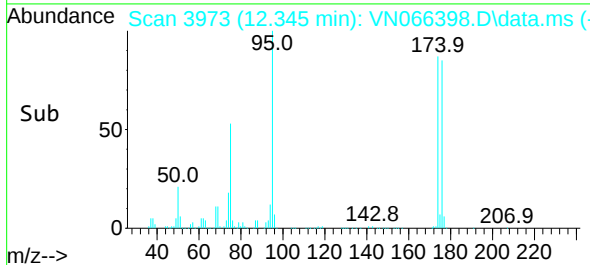
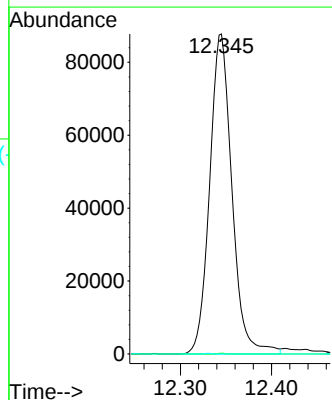
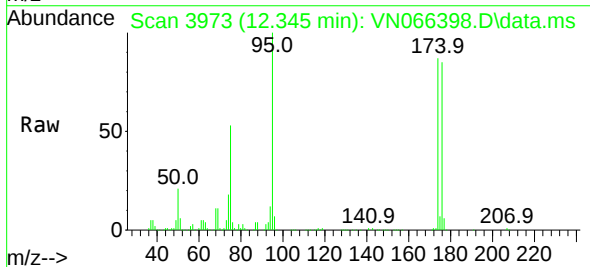
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

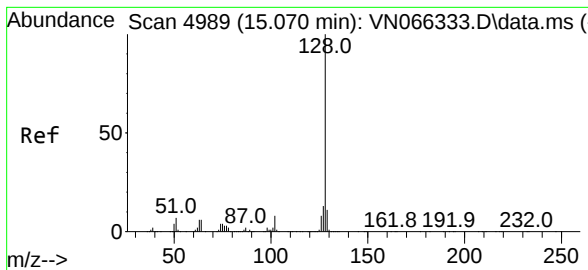
Tgt Ion: 75 Resp: 149130
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.92 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Tgt Ion: 75 Resp: 149130
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 1.21 ug/l
RT: 15.083 min Scan# 4994
Delta R.T. 0.013 min
Lab File: VN066398.D
Acq: 30 Mar 2021 00:24

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#05

Tgt Ion:128 Resp: 2224
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 4.1 8.5 12.7#

