

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066399.D
 Acq On : 30 Mar 2021 00:47
 Operator : JC/MD
 Sample : PB135367ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB135367ZHE#06

Quant Time: Mar 30 07:07:28 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)

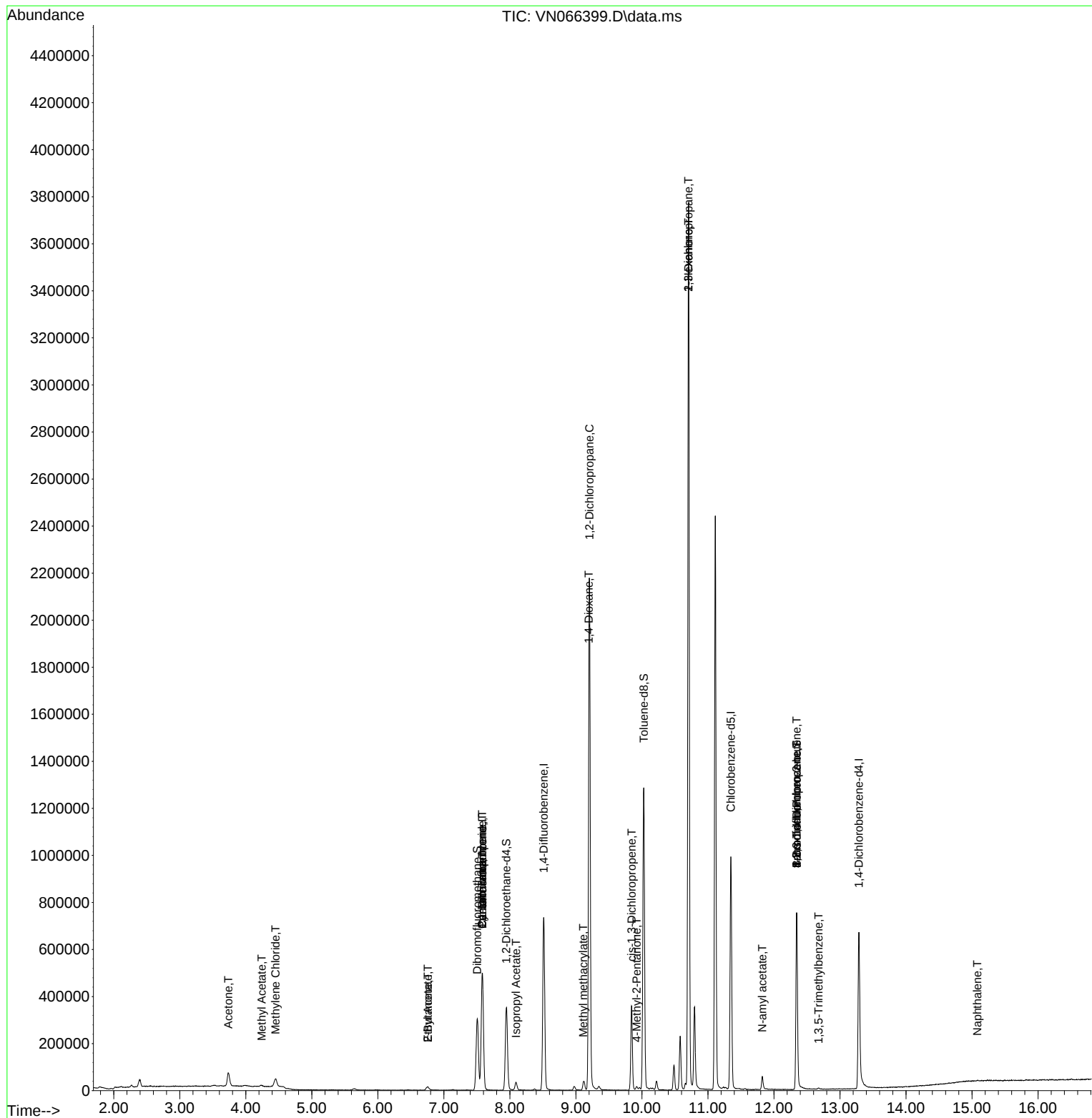
Internal Standards						
1) Pentafluorobenzene	7.584	168	426702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	648471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	566286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	206908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	299322	52.77	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.54%			
35) Dibromofluoromethane	7.507	113	234160	54.47	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.94%			
50) Toluene-d8	10.028	98	871388	53.44	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.88%			
62) 4-Bromofluorobenzene	12.345	95	253264	44.72	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.44%			
Target Compounds					Qvalue	
3) Chloromethane	2.014	50	2902	Below Cal	#	85
13) Acrolein	3.527	56	3319	Below Cal		86
16) Acetone	3.736	43	90338	29.48	ug/l	100
18) Methyl Acetate	4.240	43	8406	1.05	ug/l	98
20) Methylene Chloride	4.452	84	23651	3.12	ug/l	95
25) 2-Butanone	6.758	43	11476	3.43	ug/l	95
31) Cyclohexane	7.582	56	8943	1.14	ug/l #	6
36) 1,1-Dichloropropene	7.582	75	31273	5.13	ug/l #	49
37) Ethyl Acetate	6.758	43	11476	1.71	ug/l #	71
38) Carbon Tetrachloride	7.582	117	37937	6.19	ug/l #	17
43) Isopropyl Acetate	8.094	43	39449	3.44	ug/l	98
45) 1,2-Dichloropropane	9.207	63	2907	0.59	ug/l #	43
48) Methyl methacrylate	9.113	41	9888	1.81	ug/l #	12
49) 1,4-Dioxane	9.196	88	76	1.11	ug/l #	1
51) 4-Methyl-2-Pentanone	9.920	43	9550	1.43	ug/l	98
54) cis-1,3-Dichloropropene	9.845	75	63749	8.24	ug/l #	59
57) 1,3-Dichloropropane	10.706	76	37112	4.93	ug/l #	43
59) 2-Hexanone	10.706	43	531711	113.31	ug/l #	52
71) Bromoform	12.345	173	2297	0.64	ug/l #	1
74) N-amyl acetate	11.825	43	18022	5.98	ug/l #	54
76) 1,2,3-Trichloropropane	12.345	75	130572	28.76	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.678	105	2705	0.21	ug/l #	56
81) trans-1,4-Dichloro-2-b...	12.345	75	130572	86.49	ug/l #	12
95) Naphthalene	15.081	128	1949	1.21	ug/l #	73

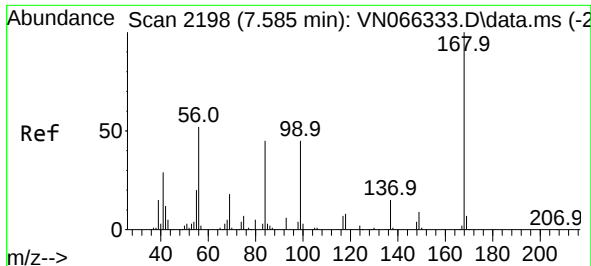
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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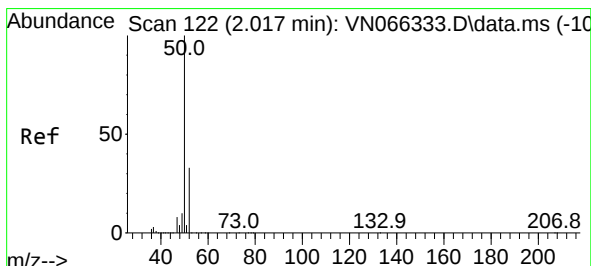
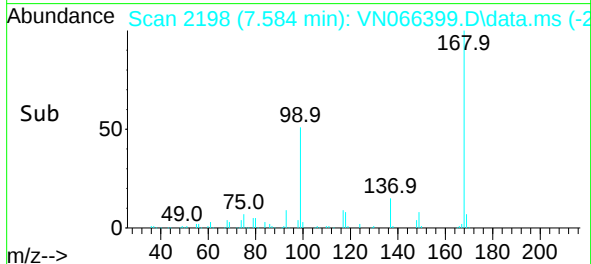
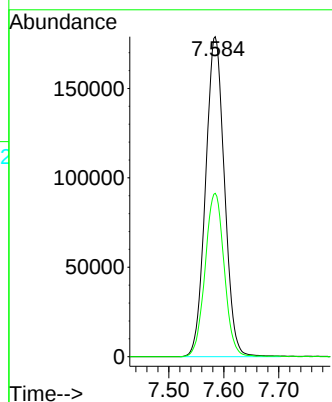
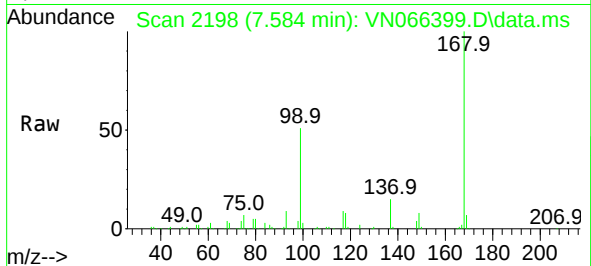




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

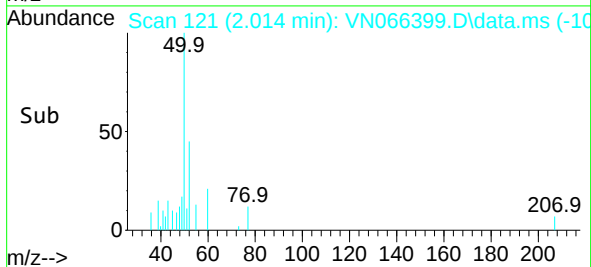
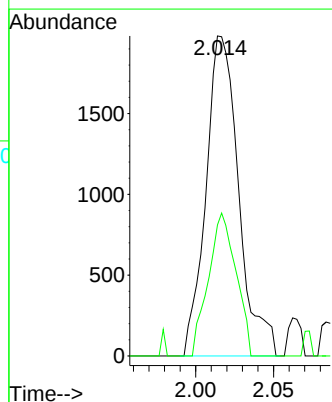
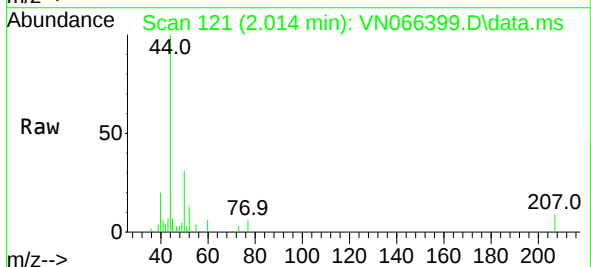
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

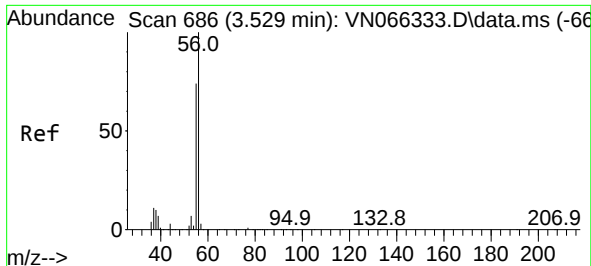
Tgt Ion:168 Resp: 426702
Ion Ratio Lower Upper
168 100
99 51.1 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 50 Resp: 2902
Ion Ratio Lower Upper
50 100
52 41.0 26.2 39.2#

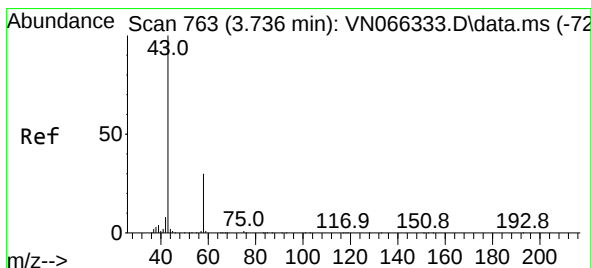
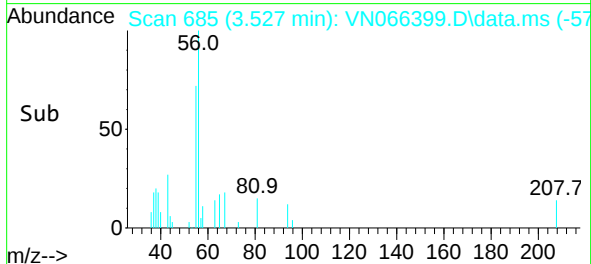
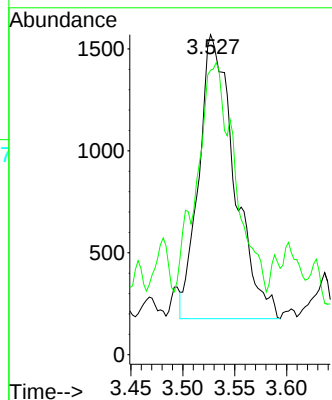
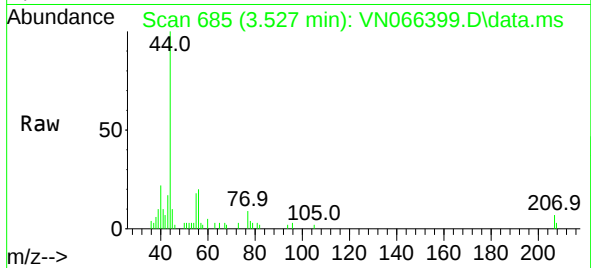




#13
Acrolein
Concen: Below Cal
RT: 3.527 min Scan# 685
Delta R.T. -0.002 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

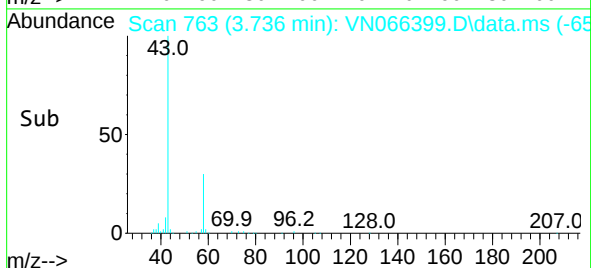
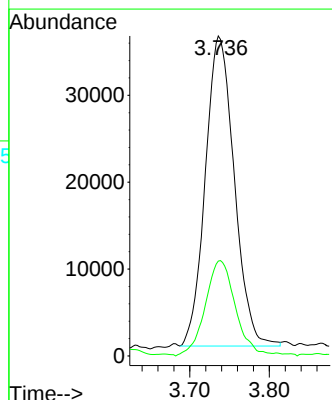
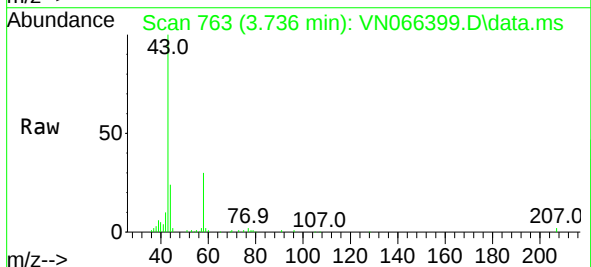
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

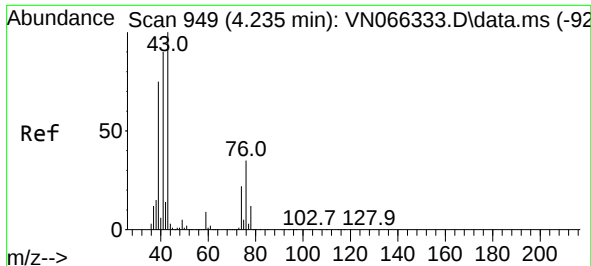
Tgt Ion: 56 Resp: 3319
Ion Ratio Lower Upper
56 100
55 84.2 57.9 86.9



#16
Acetone
Concen: 29.48 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 43 Resp: 90338
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.8

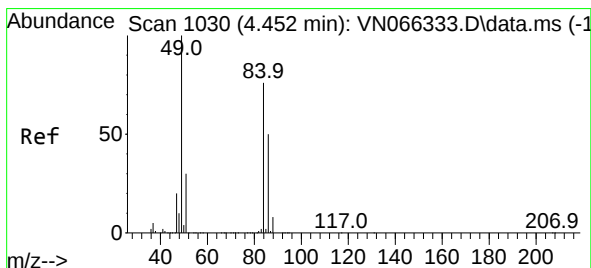
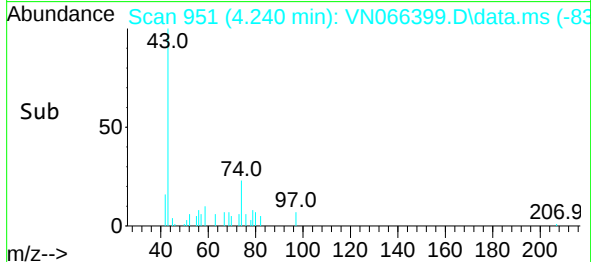
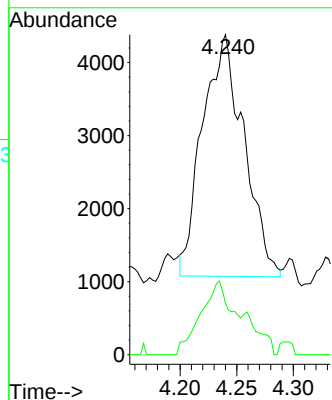
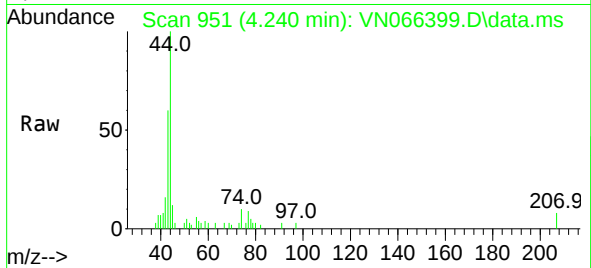




#18
Methyl Acetate
Concen: 1.05 ug/l
RT: 4.240 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

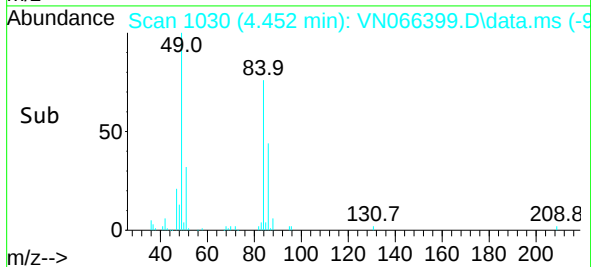
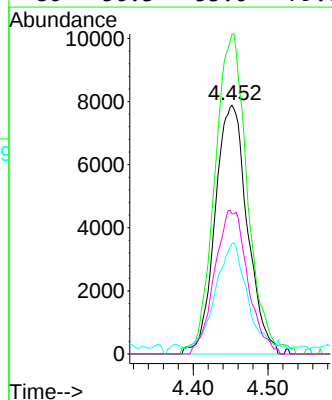
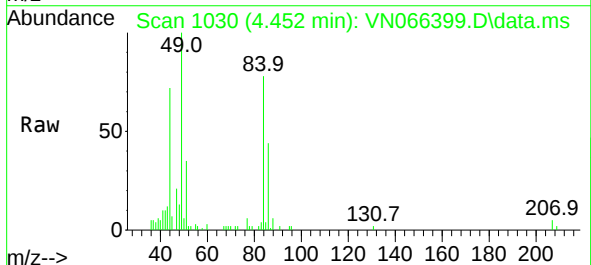
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

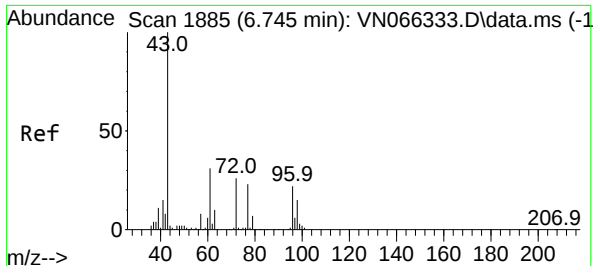
Tgt Ion: 43 Resp: 8406
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4



#20
Methylene Chloride
Concen: 3.12 ug/l
RT: 4.452 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 84 Resp: 23651
Ion Ratio Lower Upper
84 100
49 128.7 105.0 157.6
51 41.3 31.6 47.4
86 56.3 53.0 79.6

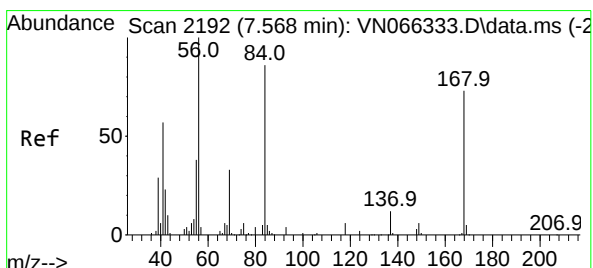
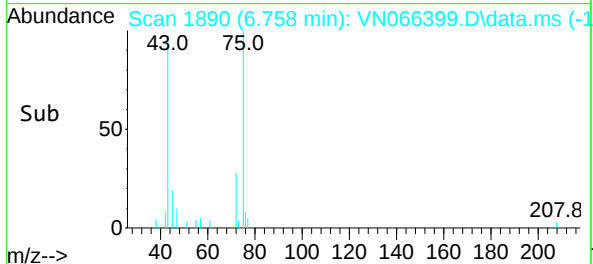
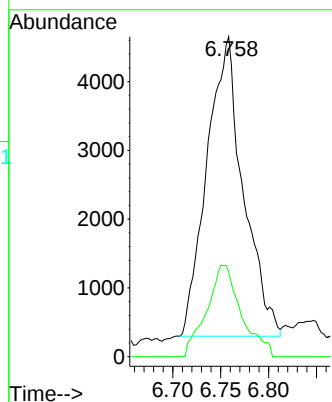
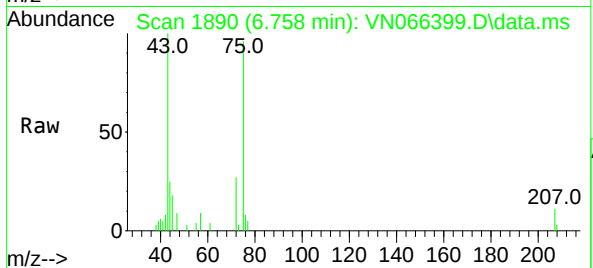




#25
2-Butanone
Concen: 3.43 ug/l
RT: 6.758 min Scan# 1890
Delta R.T. 0.013 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

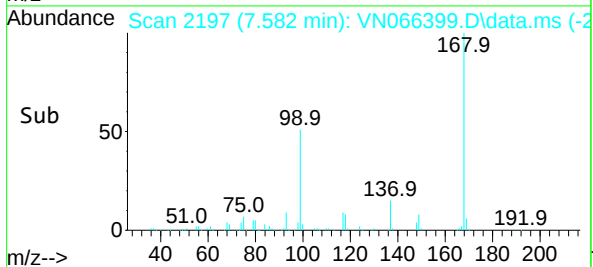
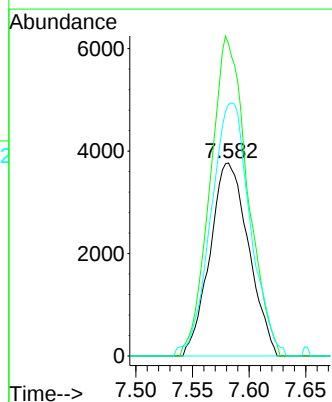
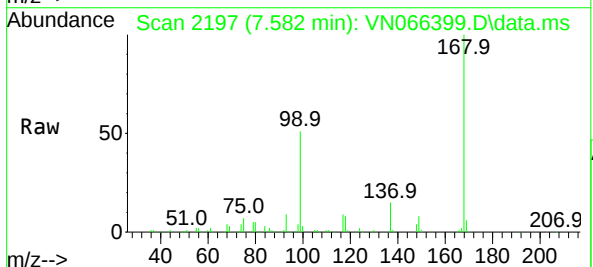
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

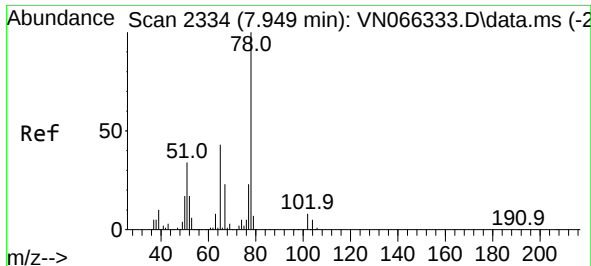
Tgt Ion: 43 Resp: 11476
Ion Ratio Lower Upper
43 100
72 28.4 20.7 31.1



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 56 Resp: 8943
Ion Ratio Lower Upper
56 100
69 161.6 26.6 40.0#
84 125.8 68.7 103.1#





#33

1,2-Dichloroethane-d4

Concen: 52.77 ug/l

RT: 7.947 min Scan# 2333

Delta R.T. -0.002 min

Lab File: VN066399.D

Acq: 30 Mar 2021 00:47

Instrument :

MSVOA_N

ClientSampleId :

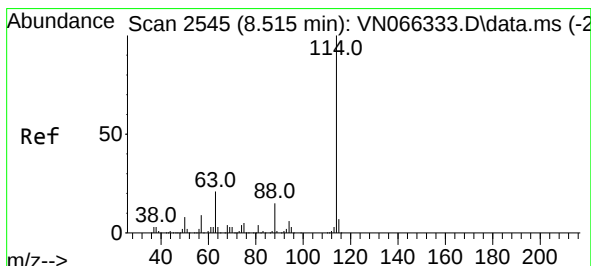
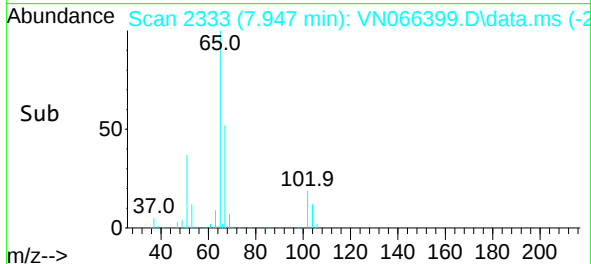
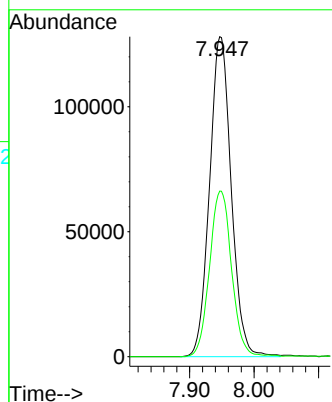
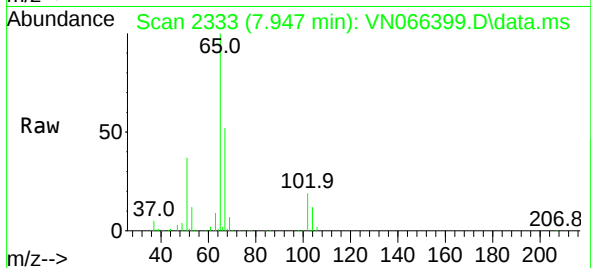
PB135367ZHE#06

Tgt Ion: 65 Resp: 299322

Ion Ratio Lower Upper

65 100

67 52.5 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: VN066399.D

Acq: 30 Mar 2021 00:47

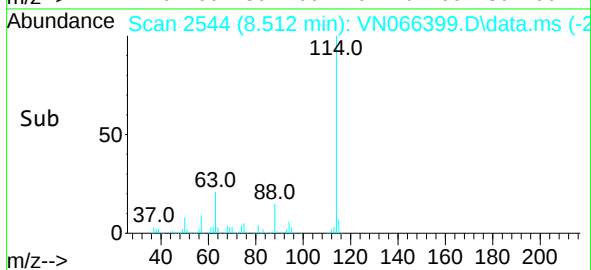
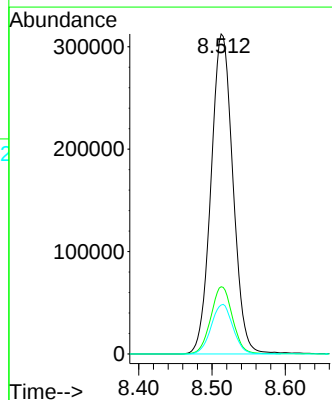
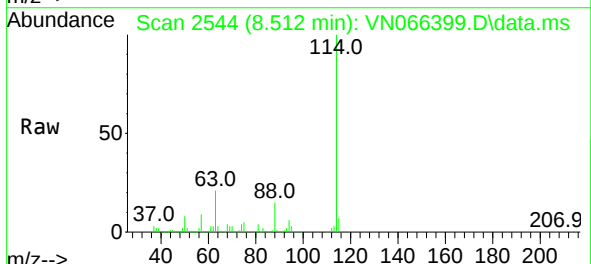
Tgt Ion: 114 Resp: 648471

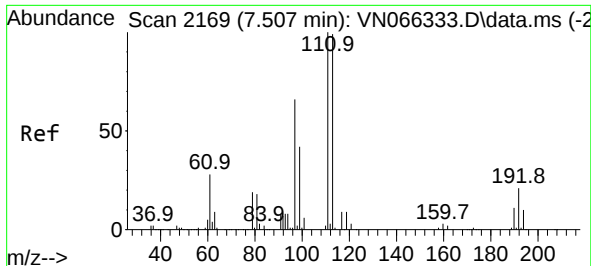
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

88 15.3 0.0 31.0

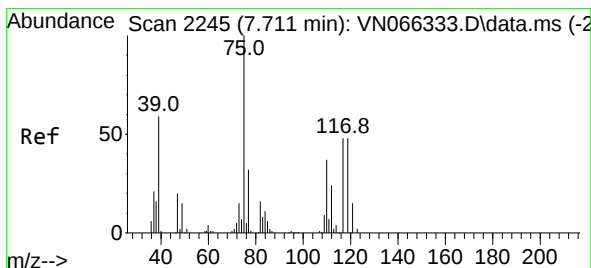
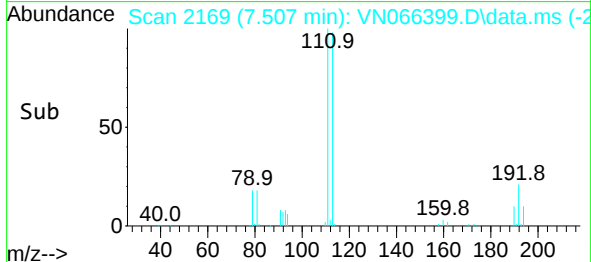
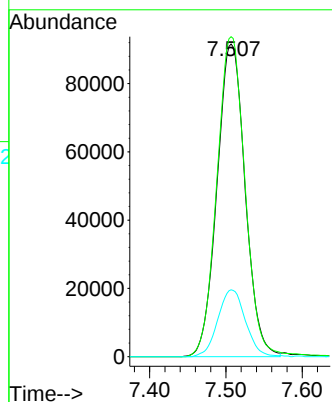
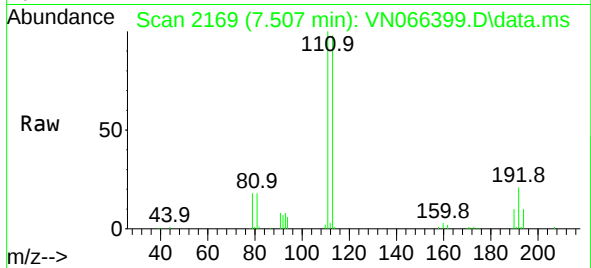




#35
Dibromofluoromethane
Concen: 54.47 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

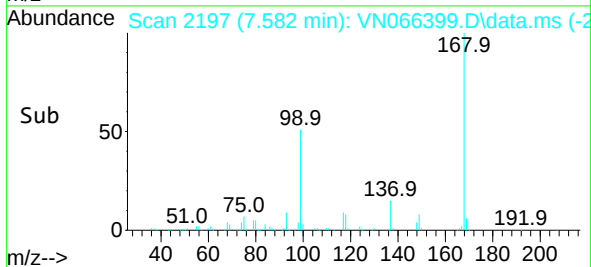
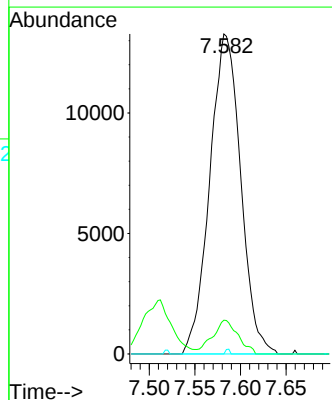
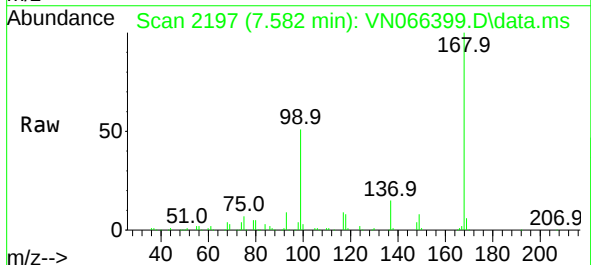
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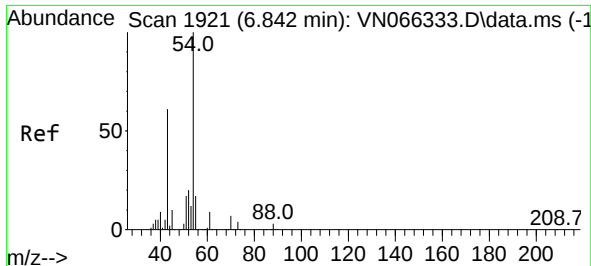
Tgt Ion:113 Resp: 234160
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 21.1 17.1 25.7



#36
1,1-Dichloropropene
Concen: 5.13 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 75 Resp: 31273
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.2 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.71 ug/l

RT: 6.758 min Scan# 1890

Delta R.T. -0.083 min

Lab File: VN066399.D

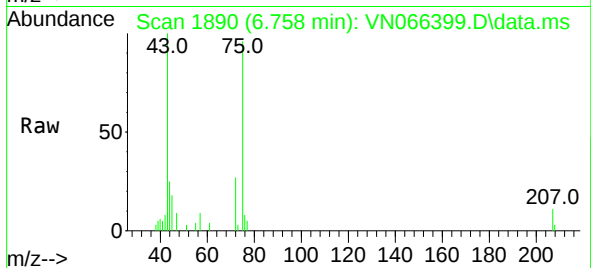
Acq: 30 Mar 2021 00:47

Instrument :

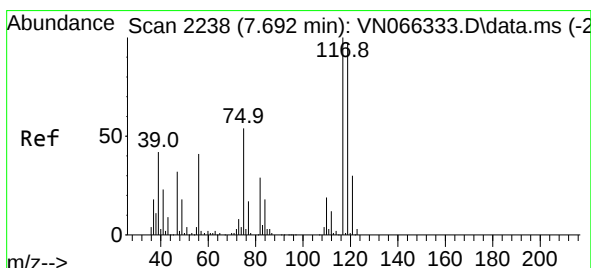
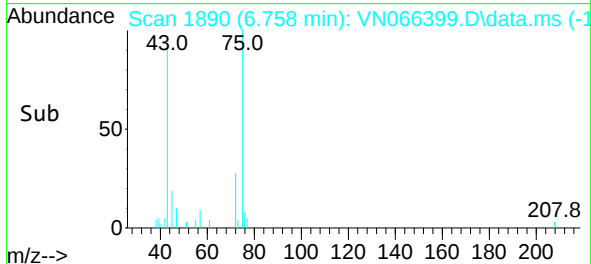
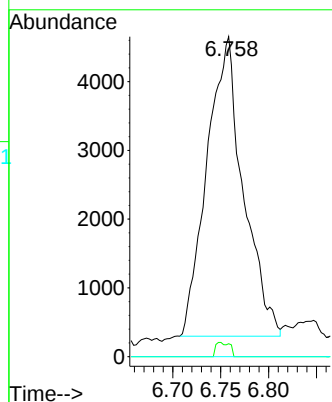
MSVOA_N

ClientSampleId :

PB135367ZHE#06



Tgt Ion:	43	Resp:	11476
Ion Ratio	Lower	Upper	
43	100		
61	1.8	11.1	16.7#
70	0.0	8.0	12.0#



#38

Carbon Tetrachloride

Concen: 6.19 ug/l

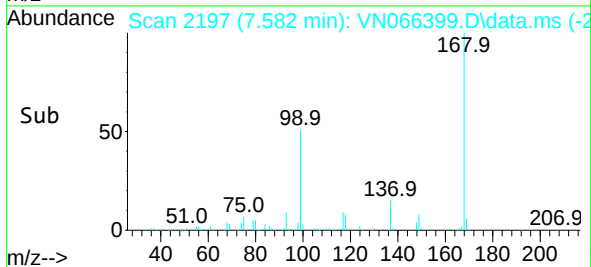
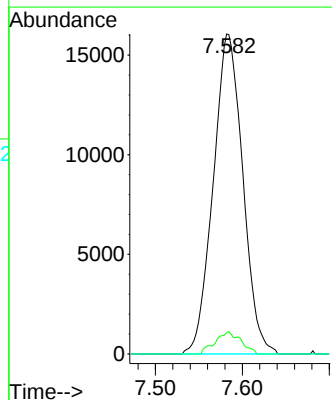
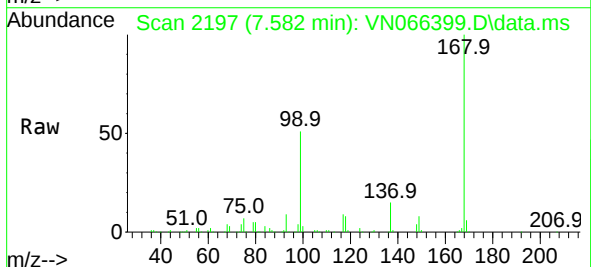
RT: 7.582 min Scan# 2197

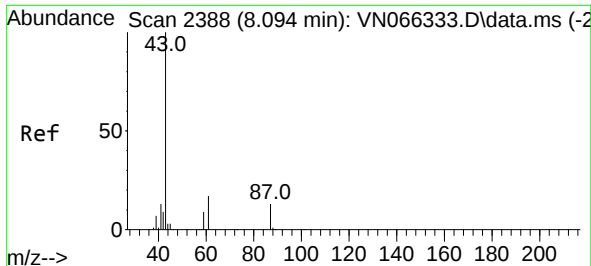
Delta R.T. -0.110 min

Lab File: VN066399.D

Acq: 30 Mar 2021 00:47

Tgt Ion:	117	Resp:	37937
Ion Ratio	Lower	Upper	
117	100		
119	6.6	77.2	115.8#
121	0.0	24.2	36.4#

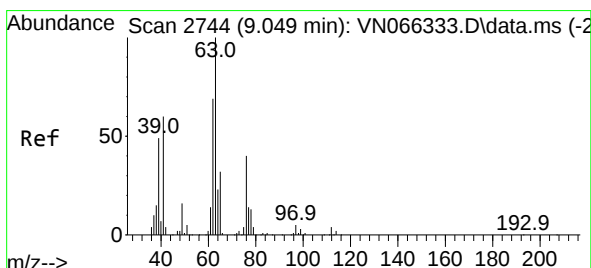
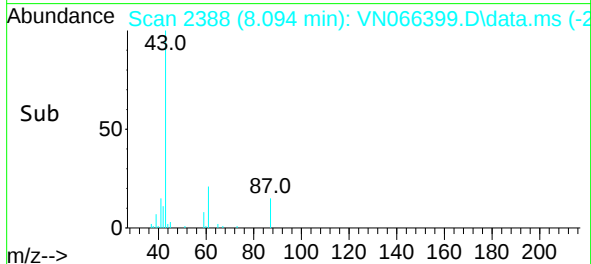
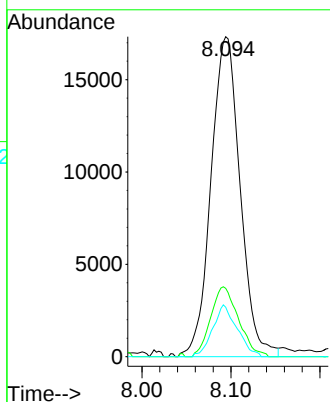
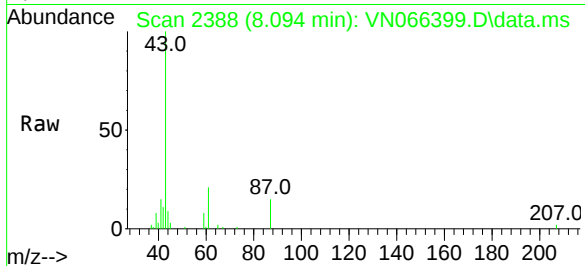




#43
Isopropyl Acetate
Concen: 3.44 ug/l
RT: 8.094 min Scan# 2388
Delta R.T. -0.000 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

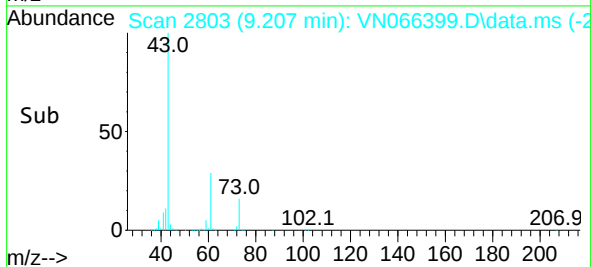
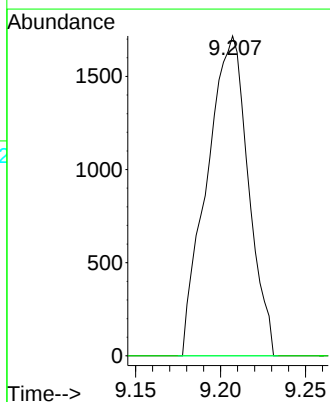
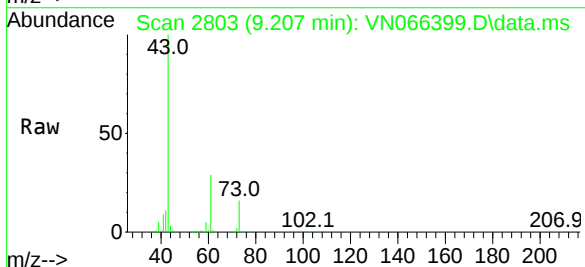
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

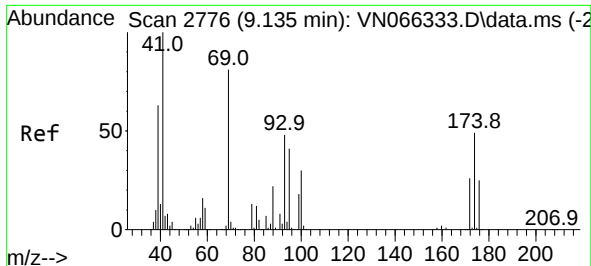
Tgt Ion:	43	Resp:	39449
Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.5	23.3
87	13.6	10.5	15.7



#45
1,2-Dichloropropane
Concen: 0.59 ug/l
RT: 9.207 min Scan# 2803
Delta R.T. 0.158 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion:	63	Resp:	2907
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.5	38.3#

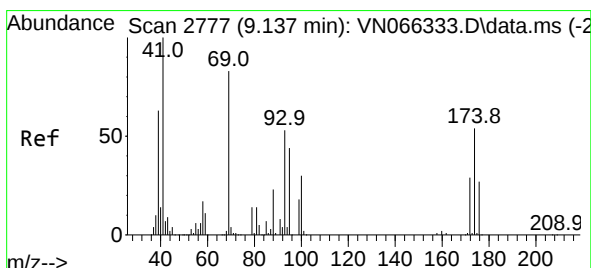
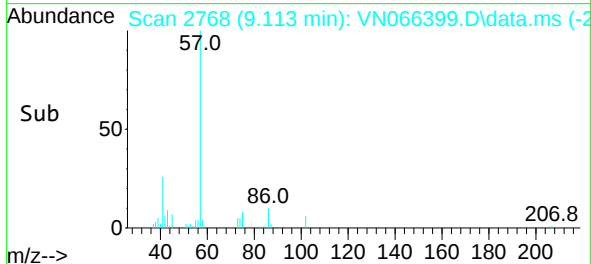
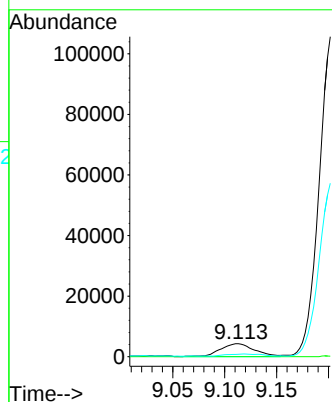
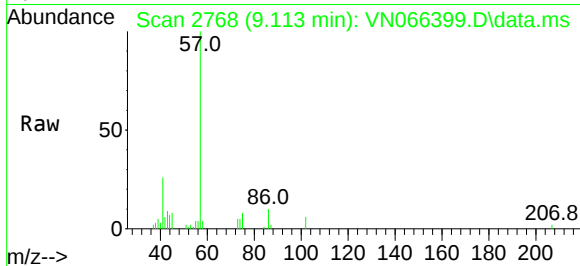




#48
Methyl methacrylate
Concen: 1.81 ug/l
RT: 9.113 min Scan# 2768
Delta R.T. -0.022 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

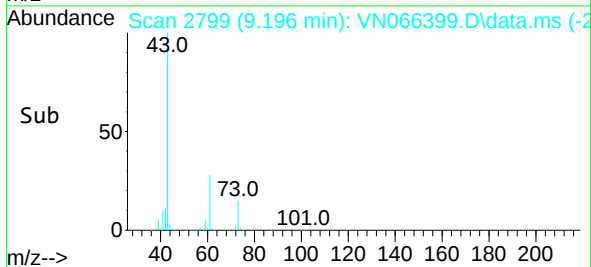
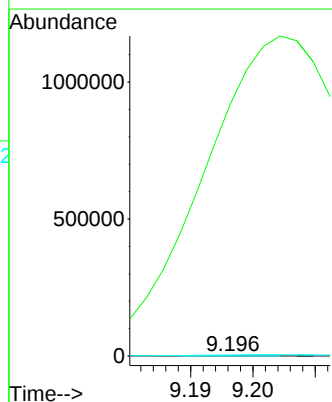
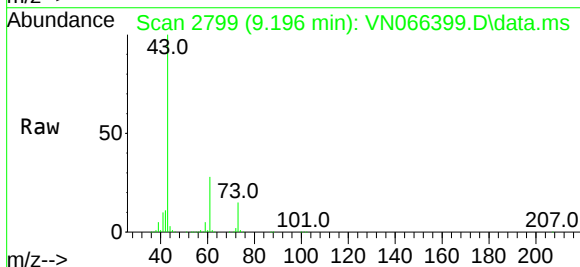
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

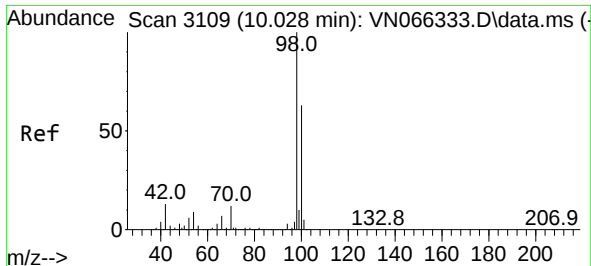
Tgt Ion: 41 Resp: 9888
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 0.0 51.5 77.3#



#49
1,4-Dioxane
Concen: 1.11 ug/l
RT: 9.196 min Scan# 2799
Delta R.T. 0.059 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 2810446.1 28.2 42.4#
58 11769.7 56.6 84.8#

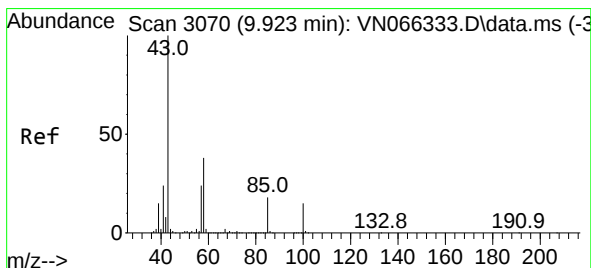
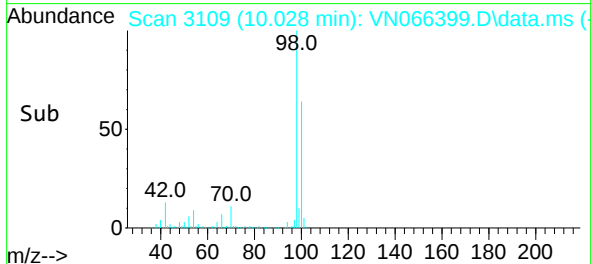
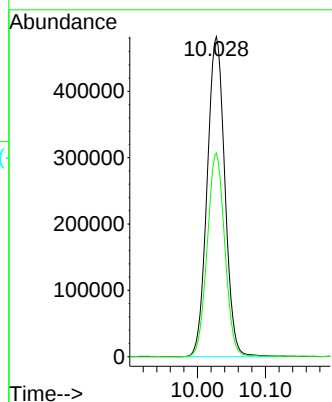
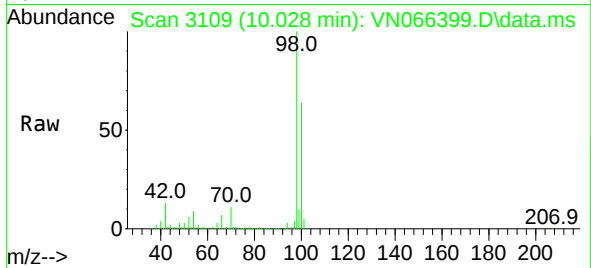




#50
Toluene-d8
Concen: 53.44 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

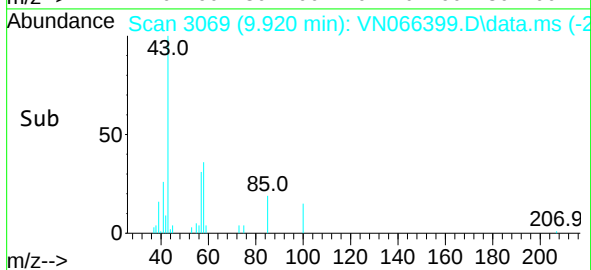
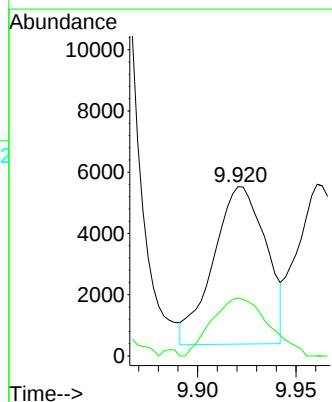
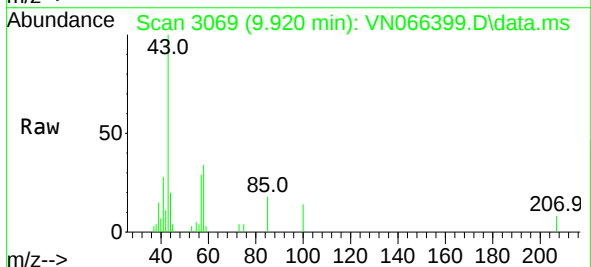
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

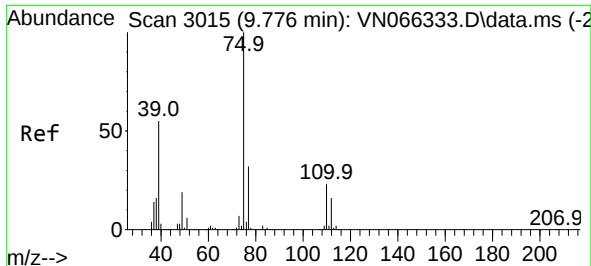
Tgt Ion: 98 Resp: 871388
Ion Ratio Lower Upper
98 100
100 63.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 43 Resp: 9550
Ion Ratio Lower Upper
43 100
58 39.7 30.8 46.2

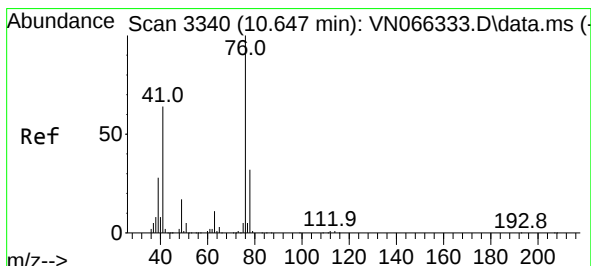
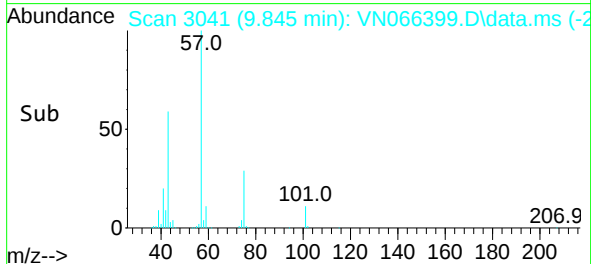
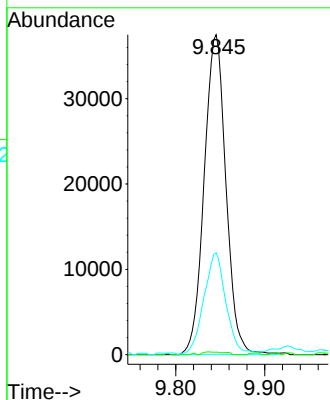
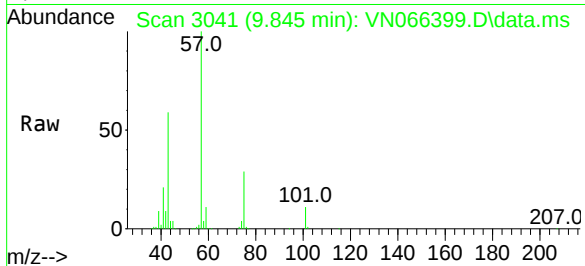




#54
cis-1,3-Dichloropropene
Concen: 8.24 ug/l
RT: 9.845 min Scan# 3041
Delta R.T. 0.070 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

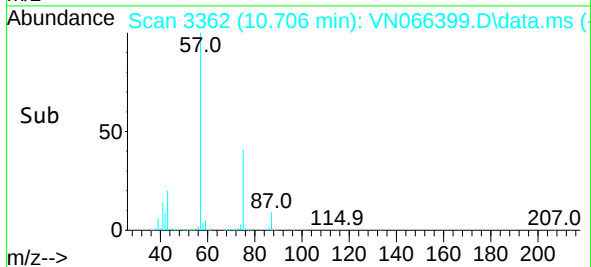
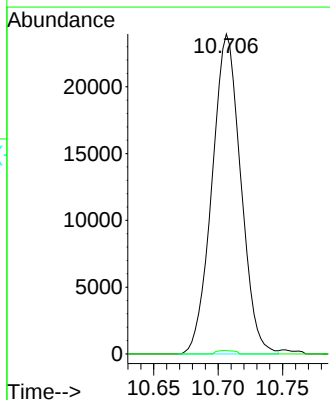
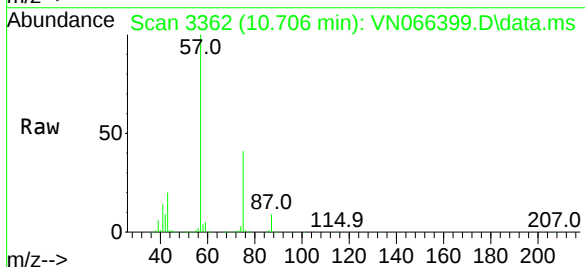
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

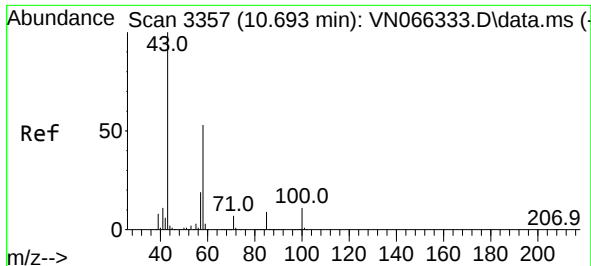
Tgt Ion: 75 Resp: 63749
Ion Ratio Lower Upper
75 100
77 0.8 25.4 38.2#
39 31.9 44.2 66.4#



#57
1,3-Dichloropropane
Concen: 4.93 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 76 Resp: 37112
Ion Ratio Lower Upper
76 100
78 0.7 25.9 38.9#

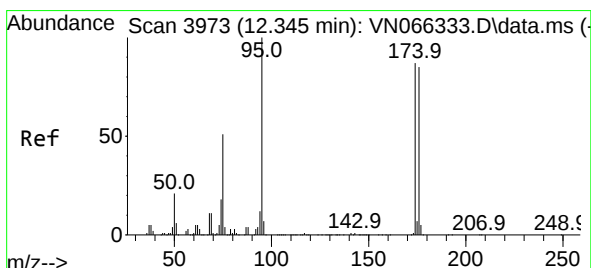
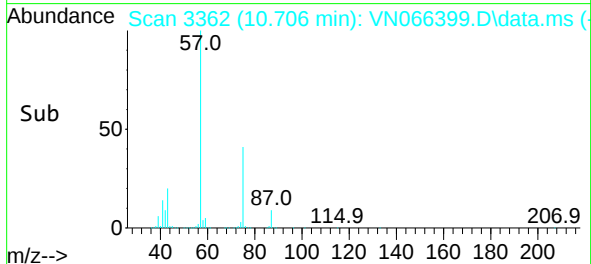
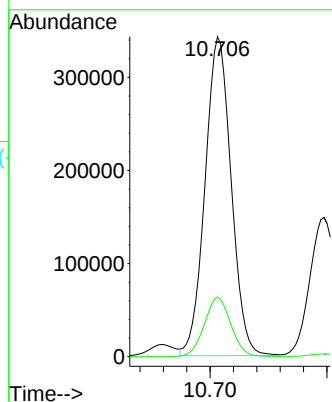
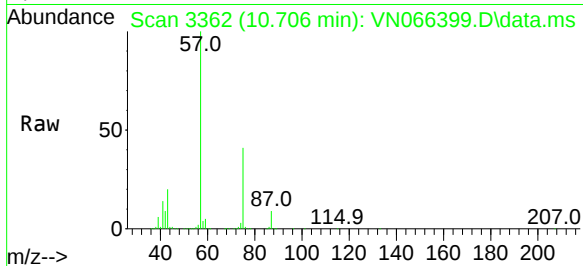




#59
2-Hexanone
Concen: 113.31 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

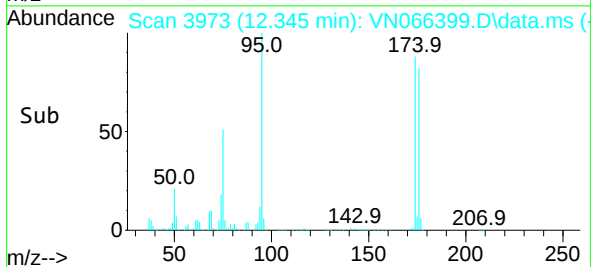
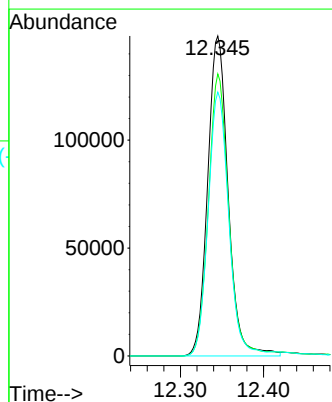
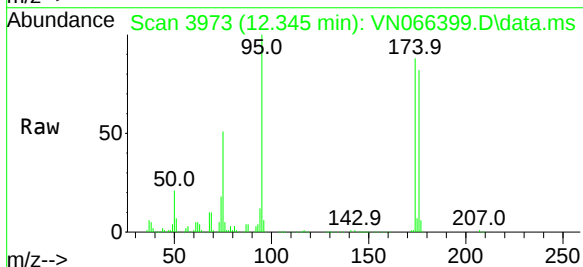
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

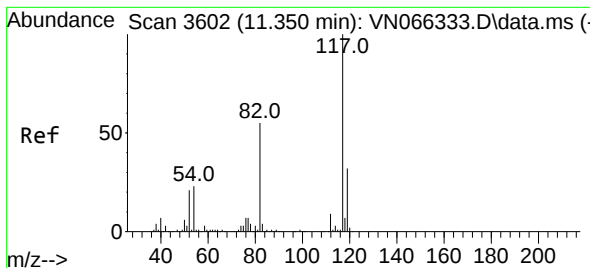
Tgt Ion: 43 Resp: 531711
Ion Ratio Lower Upper
43 100
58 19.0 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 44.72 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 95 Resp: 253264
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.2
176 82.7 0.0 167.8

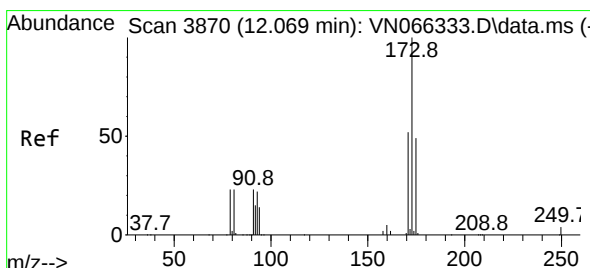
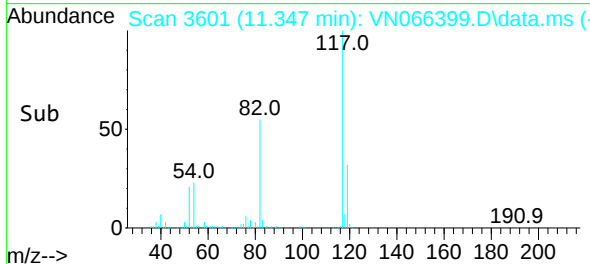
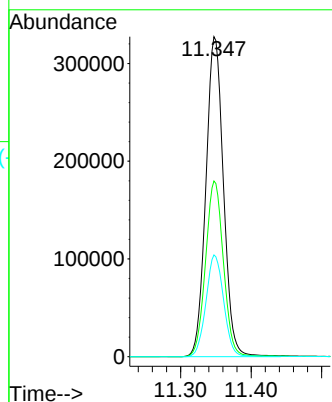
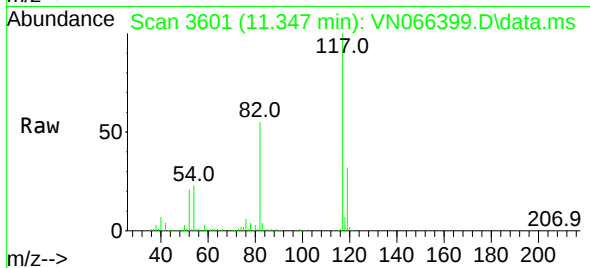




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

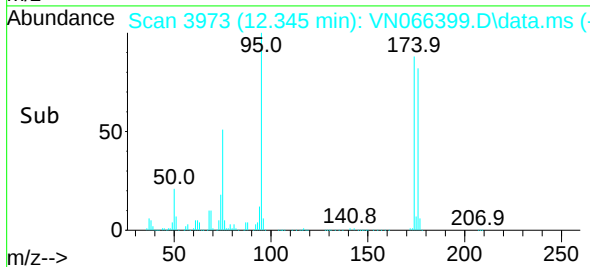
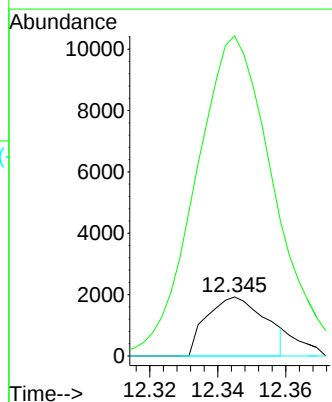
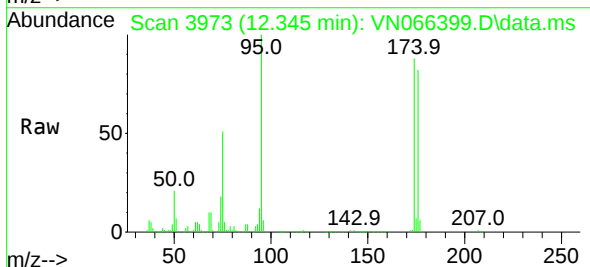
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

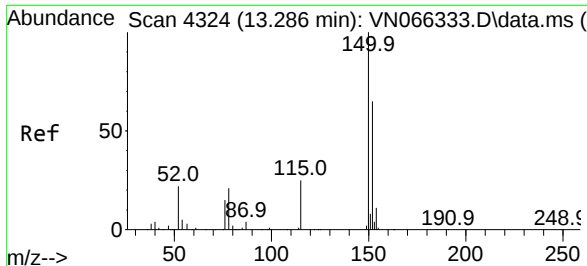
Tgt Ion:117 Resp: 566286
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.8 25.8 38.6



#71
Bromoform
Concen: 0.64 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion:173 Resp: 2297
Ion Ratio Lower Upper
173 100
175 651.1 24.3 72.8#
254 0.0 0.0 0.0

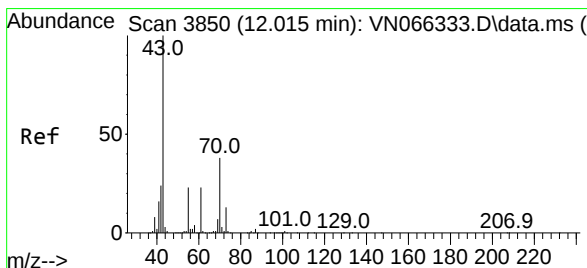
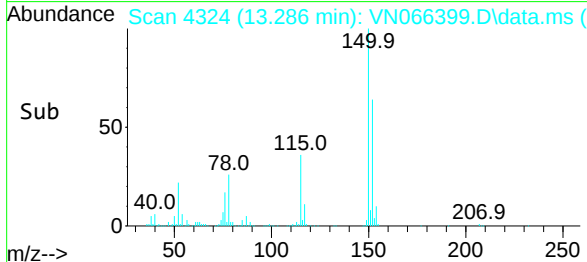
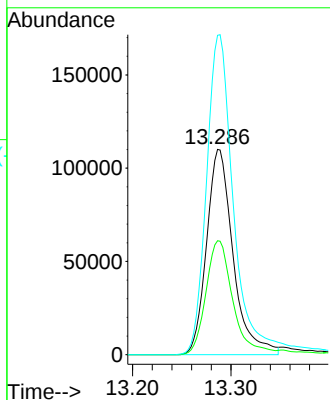
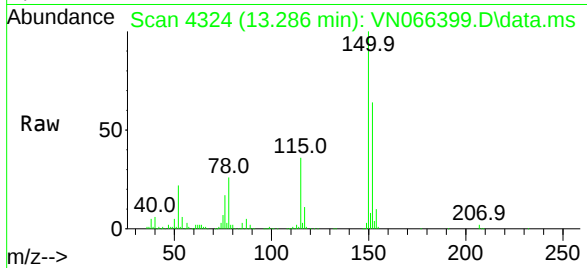




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

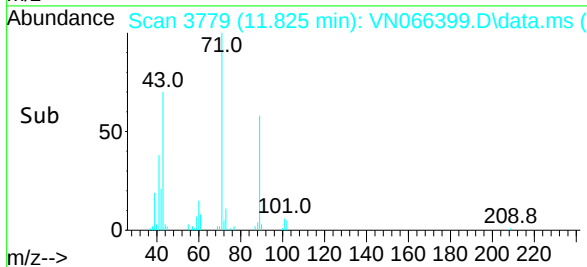
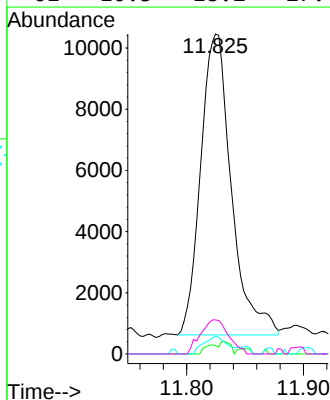
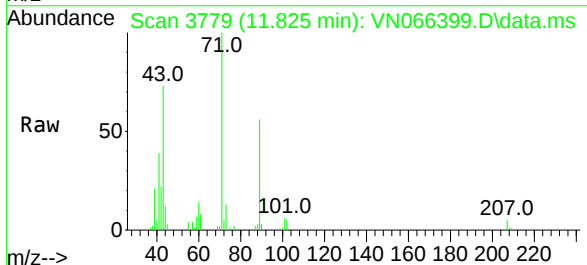
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

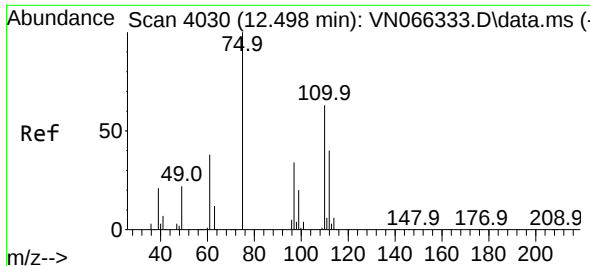
Tgt Ion:152 Resp: 206908
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 162.5 0.0 348.4



#74
N-ethyl acetate
Concen: 5.98 ug/l
RT: 11.825 min Scan# 3779
Delta R.T. -0.190 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 43 Resp: 18022
Ion Ratio Lower Upper
43 100
70 1.3 31.2 46.8#
55 4.3 18.6 28.0#
61 10.3 18.2 27.4#

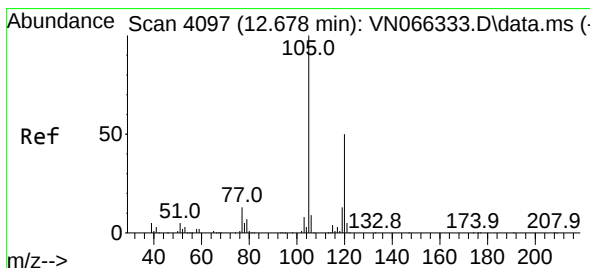
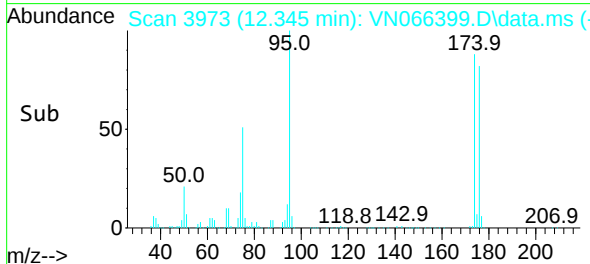
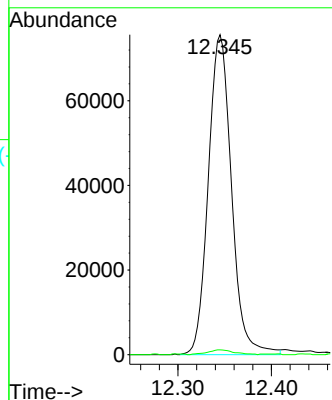
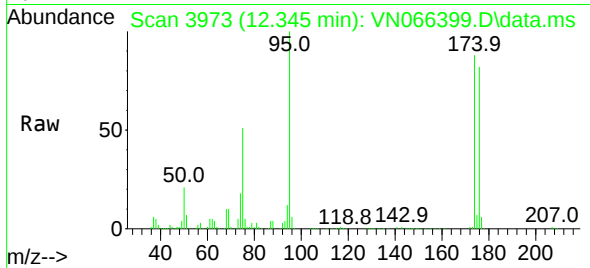




#76
1,2,3-Trichloropropane
Concen: 28.76 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

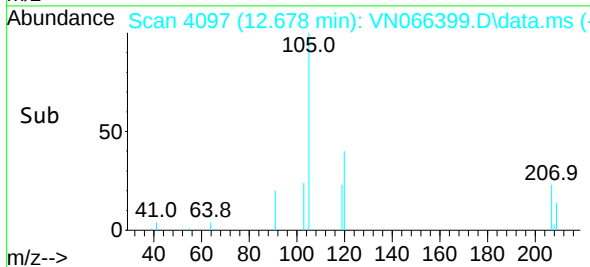
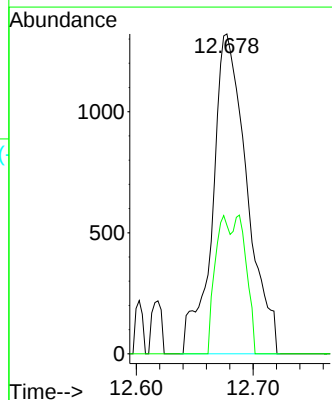
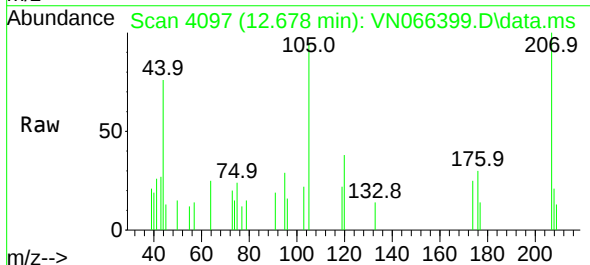
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

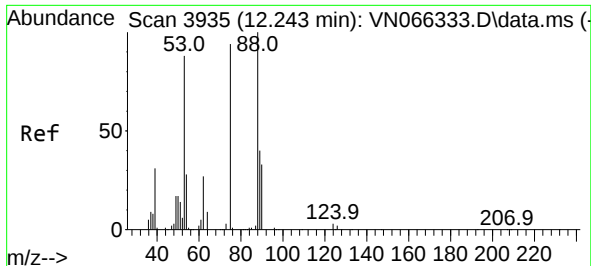
Tgt Ion: 75 Resp: 130572
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.21 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion:105 Resp: 2705
Ion Ratio Lower Upper
105 100
120 19.0 24.5 73.5#

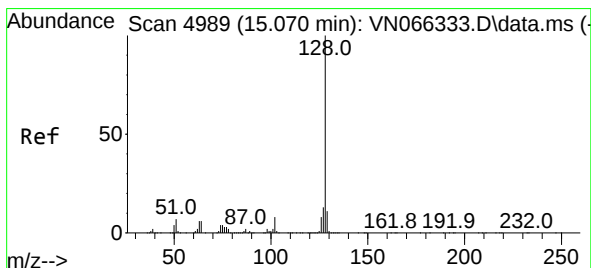
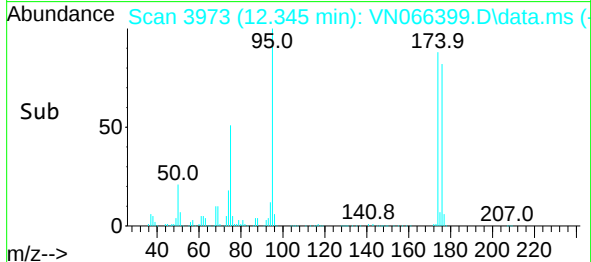
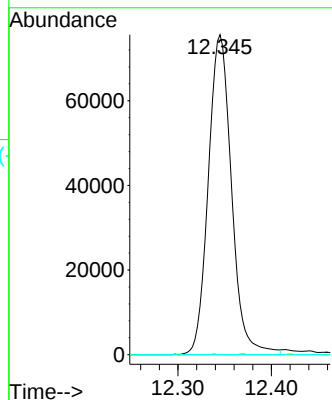
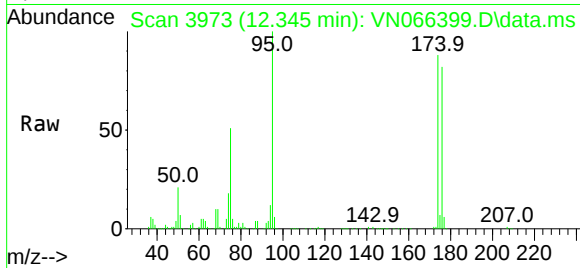




#81
trans-1,4-Dichloro-2-butene
Concen: 86.49 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#06

Tgt Ion: 75 Resp: 130572
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 1.21 ug/l
RT: 15.081 min Scan# 4993
Delta R.T. 0.011 min
Lab File: VN066399.D
Acq: 30 Mar 2021 00:47

Tgt Ion: 128 Resp: 1949
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 2.8 8.5 12.7#

