

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066402.D
 Acq On : 30 Mar 2021 1:58
 Operator : JC/MD
 Sample : PB135367ZHE#09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB135367ZHE#09

Quant Time: Mar 30 07:08:18 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)

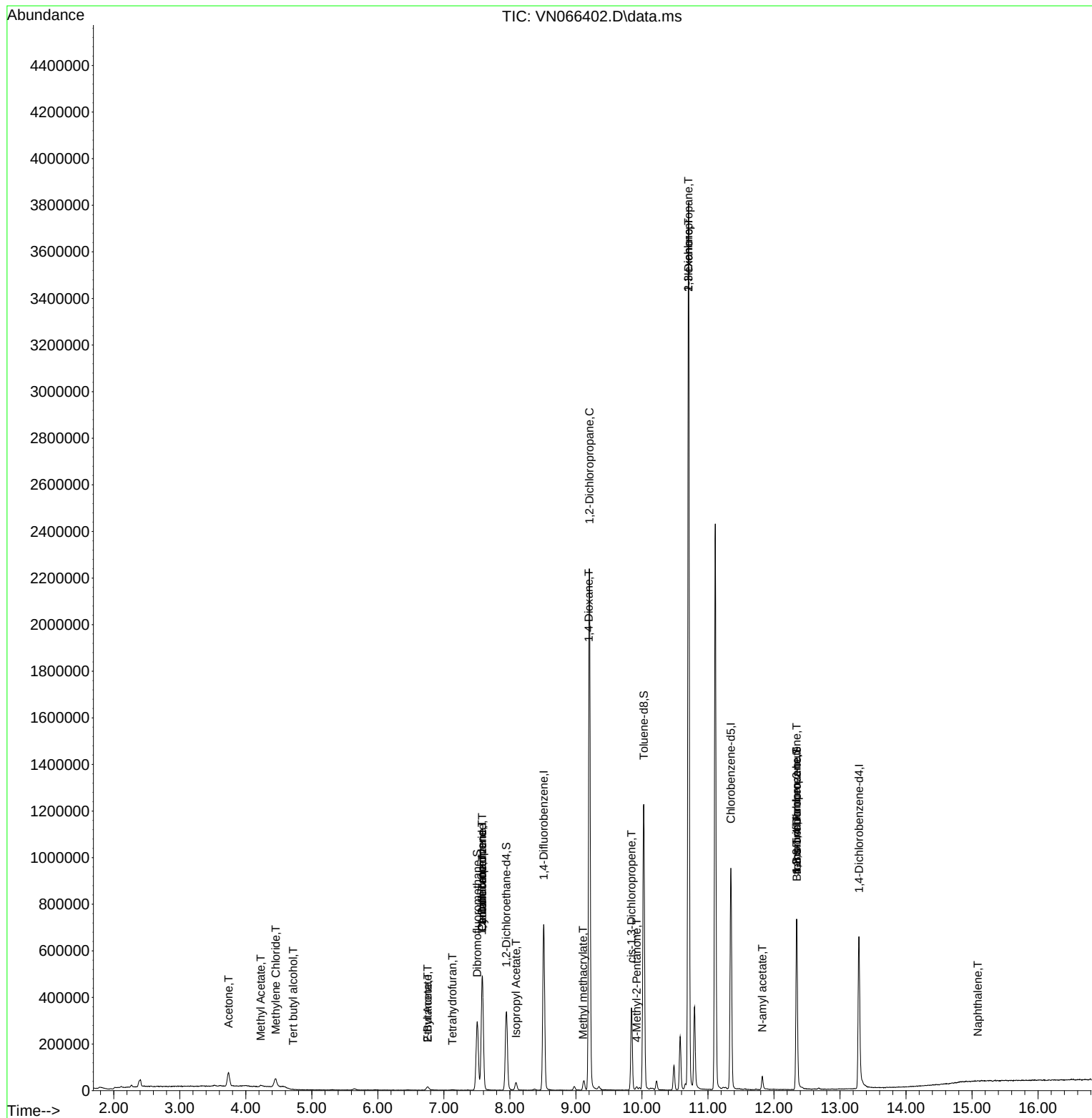
Internal Standards						
1) Pentafluorobenzene	7.582	168	407841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	619429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	543686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	212181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	285657	52.69	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.38%			
35) Dibromofluoromethane	7.507	113	223028	54.31	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.62%			
50) Toluene-d8	10.028	98	845378	54.28	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.56%			
62) 4-Bromofluorobenzene	12.345	95	243779	45.06	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.12%			
Target Compounds					Qvalue	
3) Chloromethane	2.014	50	2889	Below Cal		100
11) Tert butyl alcohol	4.717	59	196	0.24 ug/l #		23
13) Acrolein	3.529	56	3529	Below Cal		90
16) Acetone	3.739	43	93831	32.03 ug/l		92
18) Methyl Acetate	4.229	43	8854	1.16 ug/l		99
20) Methylene Chloride	4.455	84	23711	3.34 ug/l		94
25) 2-Butanone	6.753	43	13199	4.12 ug/l		91
29) Tetrahydrofuran	7.129	42	1209	0.58 ug/l #		74
31) Cyclohexane	7.582	56	8460	1.13 ug/l #		28
36) 1,1-Dichloropropene	7.579	75	30391	5.22 ug/l #		48
37) Ethyl Acetate	6.753	43	13199	2.06 ug/l #		72
38) Carbon Tetrachloride	7.582	117	36551	6.25 ug/l #		17
43) Isopropyl Acetate	8.094	43	39931	3.65 ug/l #		92
45) 1,2-Dichloropropane	9.204	63	2821	0.60 ug/l #		43
48) Methyl methacrylate	9.108	41	10275	1.97 ug/l #		12
49) 1,4-Dioxane	9.196	88	170	2.60 ug/l #		1
51) 4-Methyl-2-Pentanone	9.920	43	10192	1.59 ug/l		100
54) cis-1,3-Dichloropropene	9.843	75	62256	8.42 ug/l #		59
57) 1,3-Dichloropropane	10.706	76	37396	5.20 ug/l #		43
59) 2-Hexanone	10.706	43	535210	119.40 ug/l #		52
71) Bromoform	12.348	173	2100	0.60 ug/l #		1
74) N-amyl acetate	11.825	43	18059	5.92 ug/l #		56
76) 1,2,3-Trichloropropane	12.345	75	128440	27.59 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.345	75	128440	82.96 ug/l #		12
95) Naphthalene	15.086	128	1198	1.14 ug/l #		74

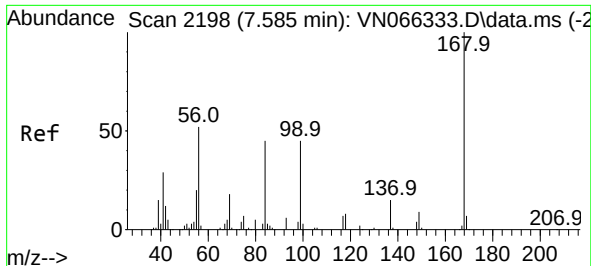
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066402.D
Acq On : 30 Mar 2021 1:58
Operator : JC/MD
Sample : PB135367ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

Quant Time: Mar 30 07:08:18 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

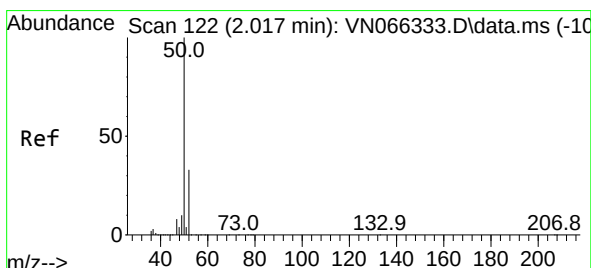
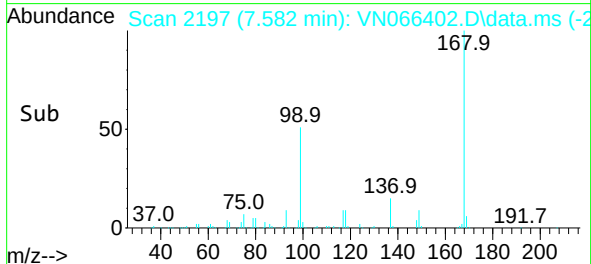
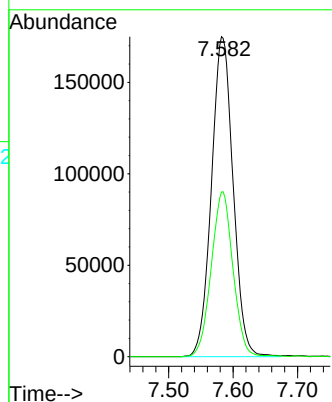
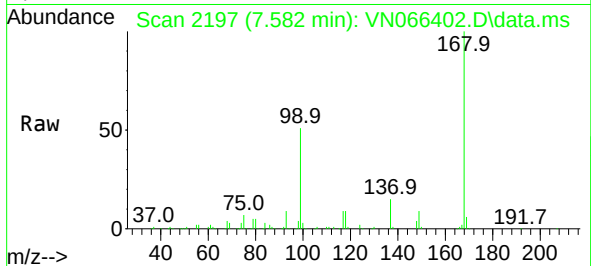




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

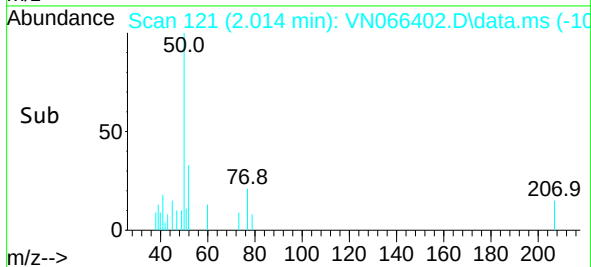
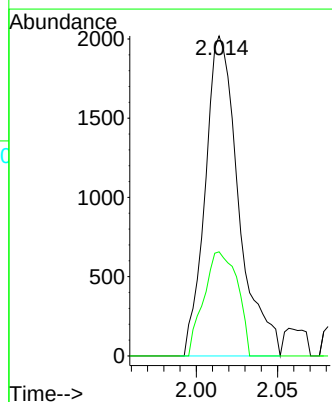
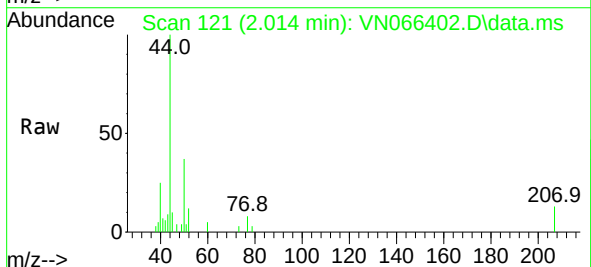
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

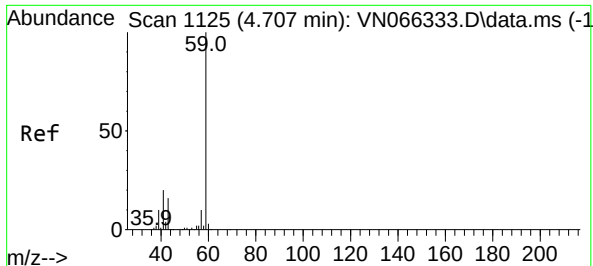
Tgt Ion:168 Resp: 407841
Ion Ratio Lower Upper
168 100
99 51.4 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion: 50 Resp: 2889
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2



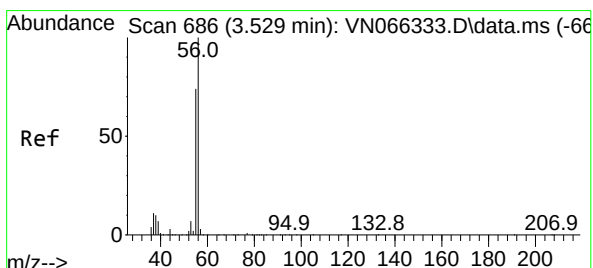
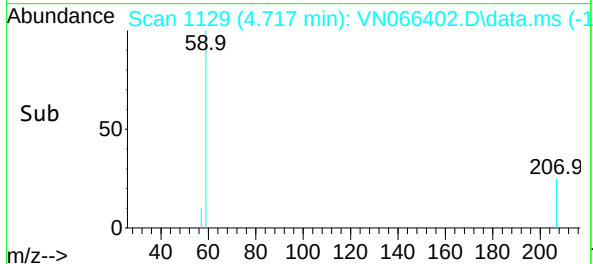
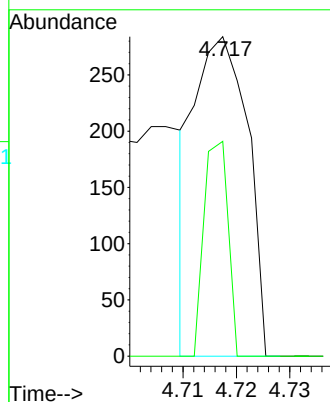
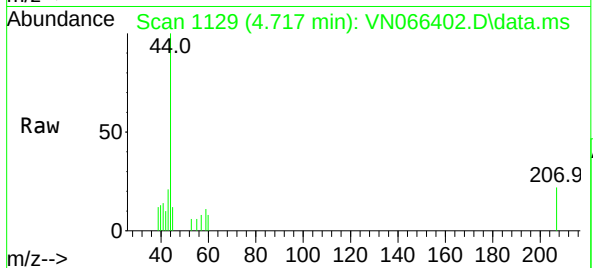


#11

Tert butyl alcohol
Concen: 0.24 ug/l
RT: 4.717 min Scan# 1129
Delta R.T. 0.011 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

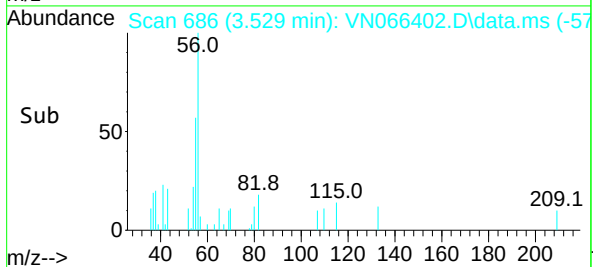
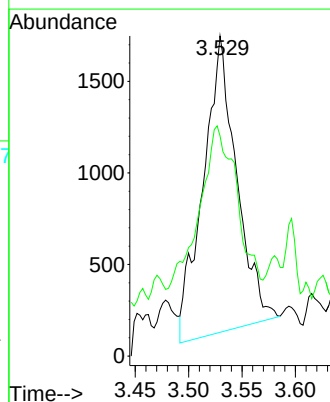
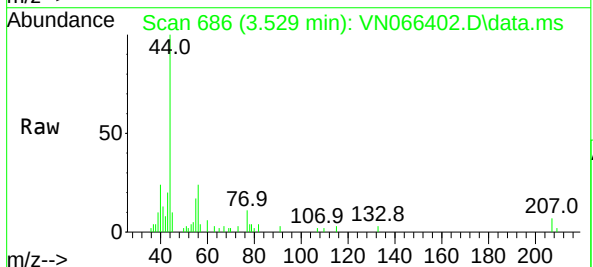
Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 30.6 4.1 6.1#

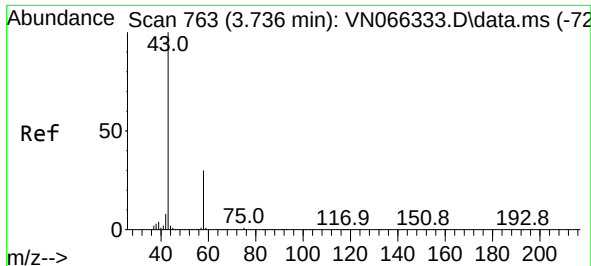


#13

Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

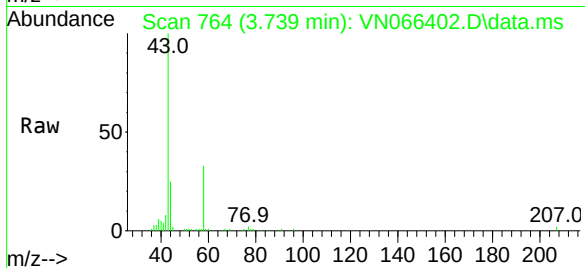
Tgt Ion: 56 Resp: 3529
Ion Ratio Lower Upper
56 100
55 64.4 57.9 86.9



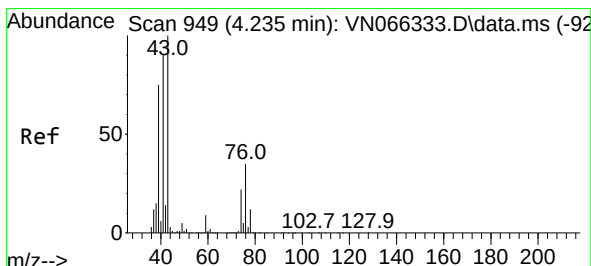
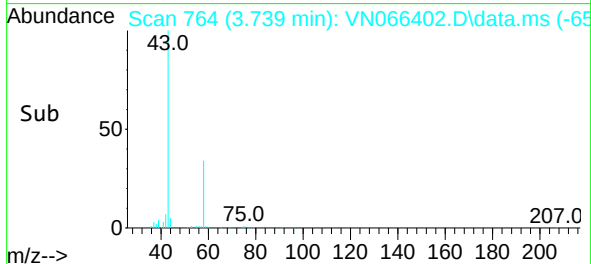
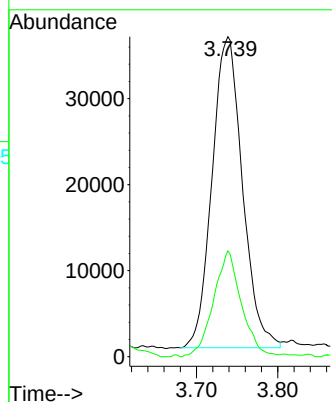


#16
Acetone
Concen: 32.03 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

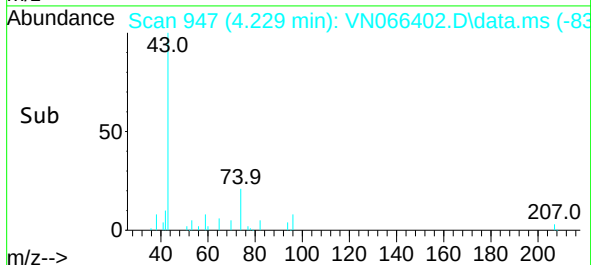
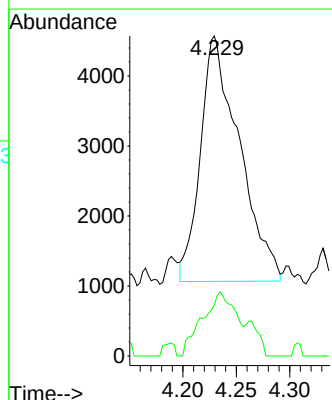
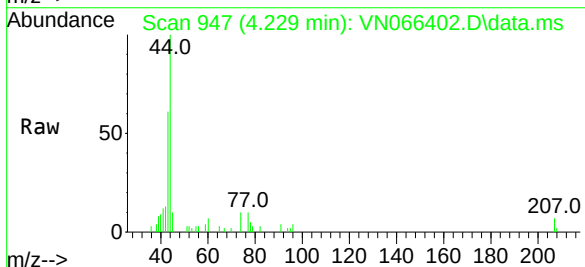


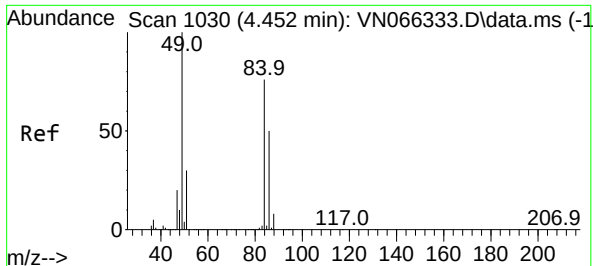
Tgt Ion: 43 Resp: 93831
Ion Ratio Lower Upper
43 100
58 34.0 23.8 35.8



#18
Methyl Acetate
Concen: 1.16 ug/l
RT: 4.229 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion: 43 Resp: 8854
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4

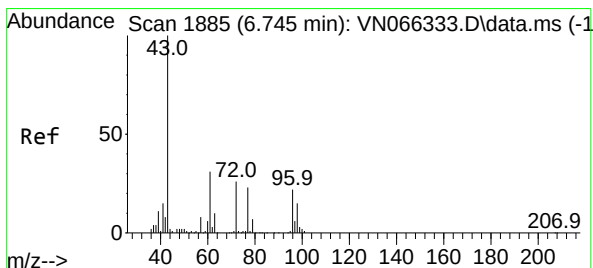
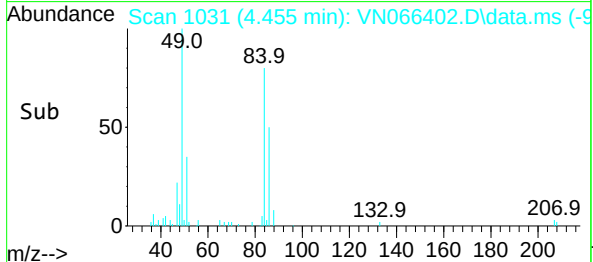
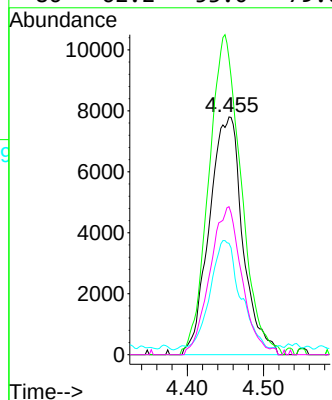
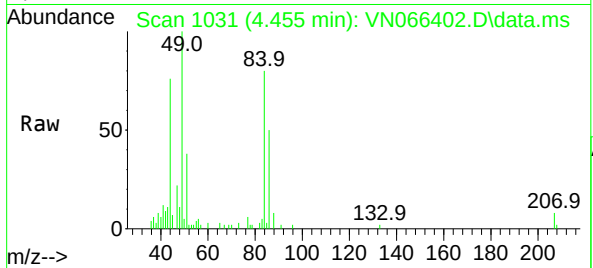




#20
Methylene Chloride
Concen: 3.34 ug/l
RT: 4.455 min Scan# 1031
Delta R.T. 0.003 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

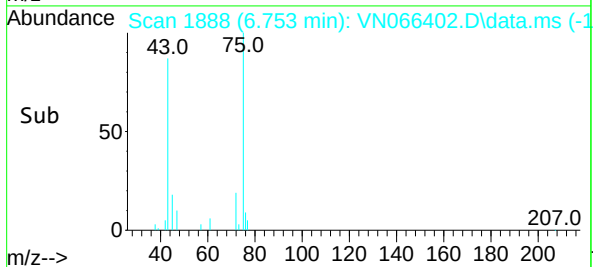
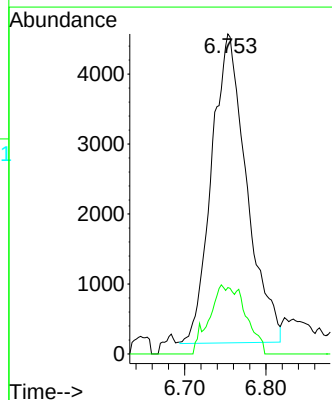
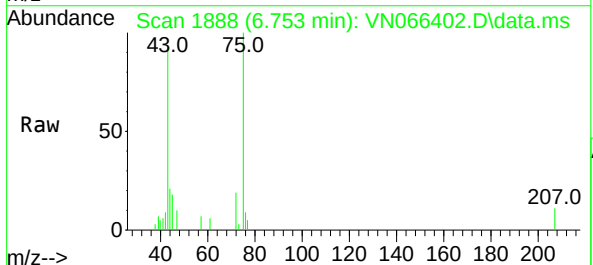
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

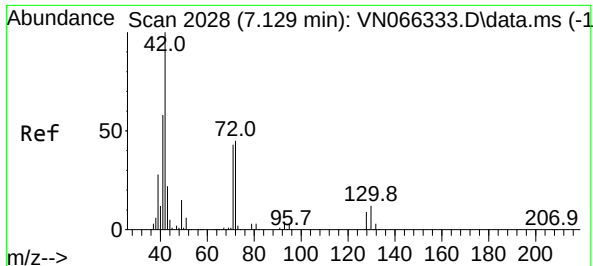
Tgt Ion:	84	Resp:	23711
Ion	Ratio	Lower	Upper
84	100		
49	124.5	105.0	157.6
51	43.5	31.6	47.4
86	62.2	53.0	79.6



#25
2-Butanone
Concen: 4.12 ug/l
RT: 6.753 min Scan# 1888
Delta R.T. 0.008 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion:	43	Resp:	13199
Ion	Ratio	Lower	Upper
43	100		
72	21.6	20.7	31.1

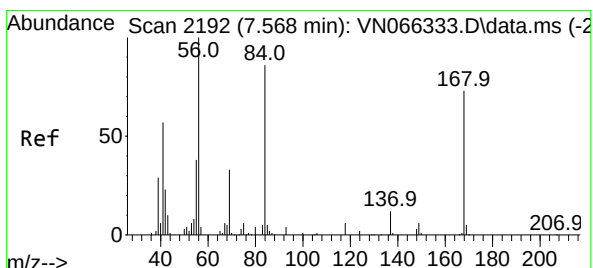
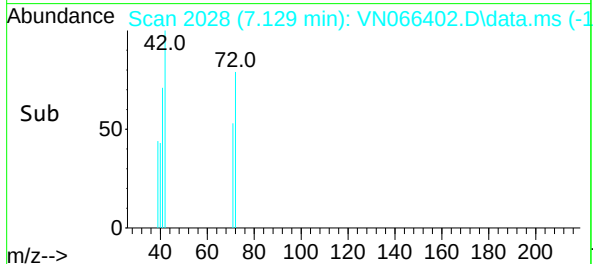
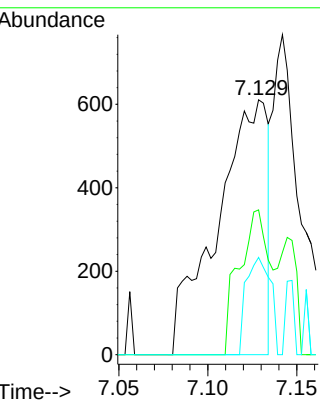
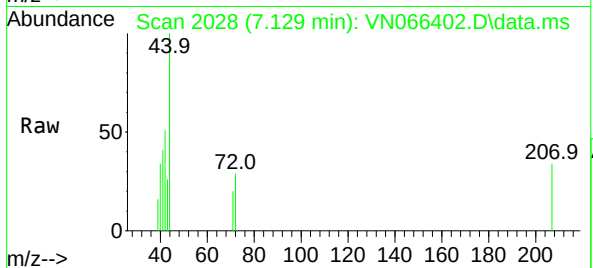




#29
Tetrahydrofuran
Concen: 0.58 ug/l
RT: 7.129 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

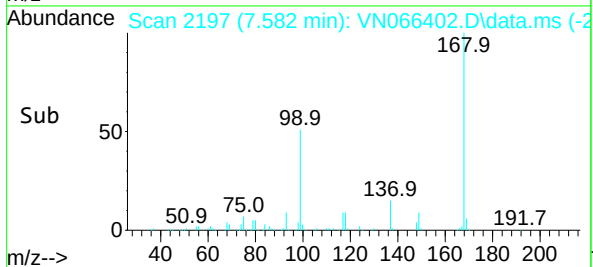
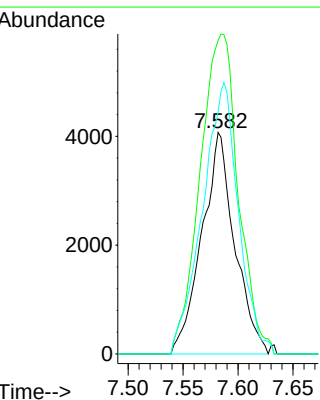
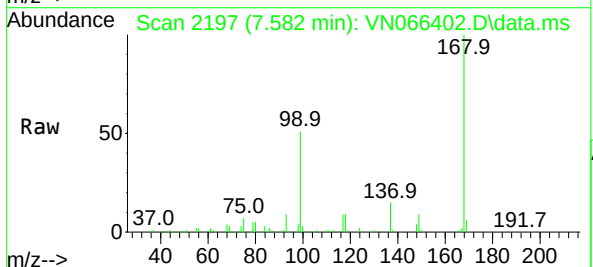
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

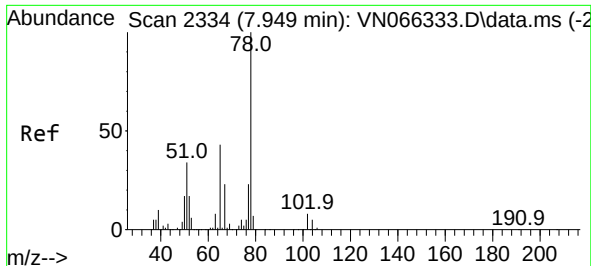
Tgt Ion:	42	Resp:	1209
Ion	Ratio	Lower	Upper
42	100		
72	33.3	35.2	52.8#
71	18.3	33.1	49.7#



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion:	56	Resp:	8460
Ion	Ratio	Lower	Upper
56	100		
69	141.7	26.6	40.0#
84	109.3	68.7	103.1#





#33

1,2-Dichloroethane-d4

Concen: 52.69 ug/l

RT: 7.947 min Scan# 2333

Delta R.T. -0.002 min

Lab File: VN066402.D

Acq: 30 Mar 2021 1:58

Tgt Ion: 65 Resp: 285657

Ion Ratio Lower Upper

65 100

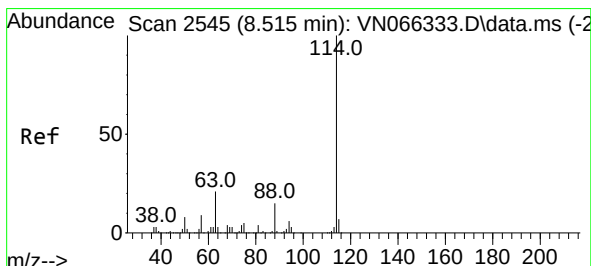
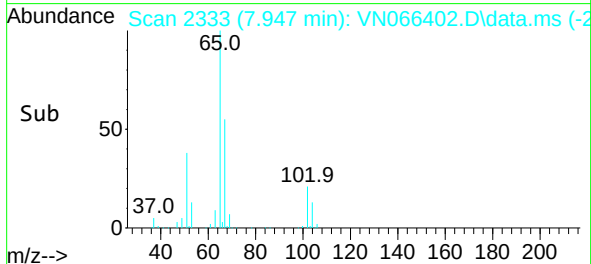
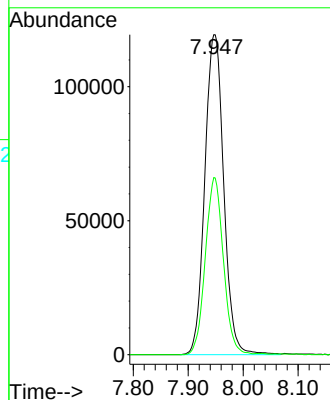
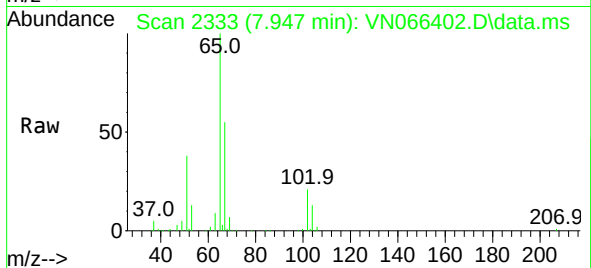
67 52.9 0.0 105.2

Instrument :

MSVOA_N

ClientSampleId :

PB135367ZHE#09



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.512 min Scan# 2544

Delta R.T. -0.003 min

Lab File: VN066402.D

Acq: 30 Mar 2021 1:58

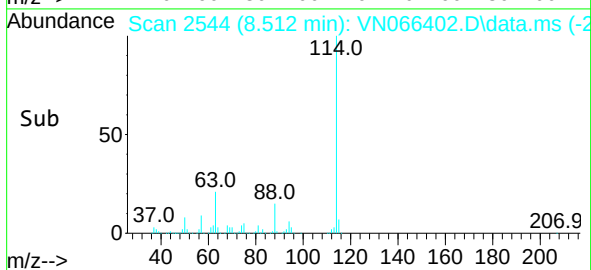
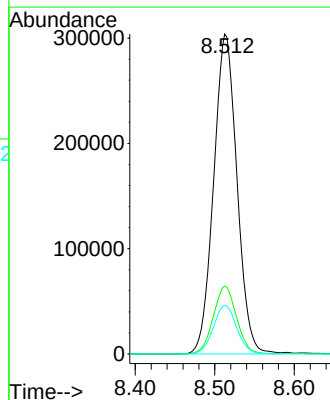
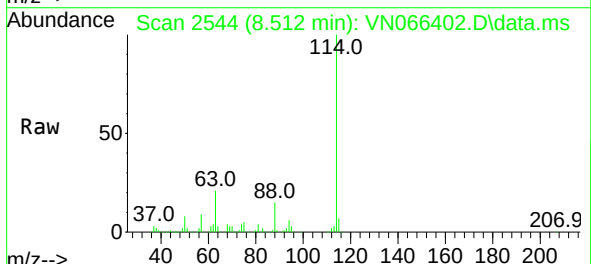
Tgt Ion: 114 Resp: 619429

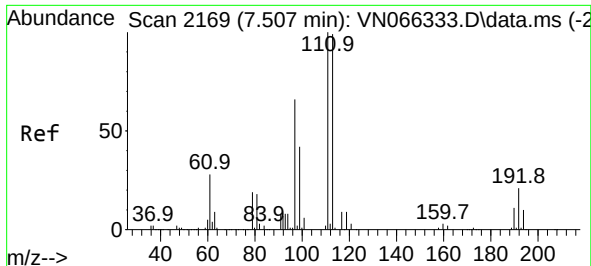
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.0

88 15.3 0.0 31.0

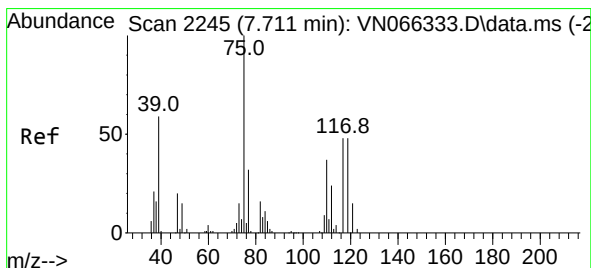
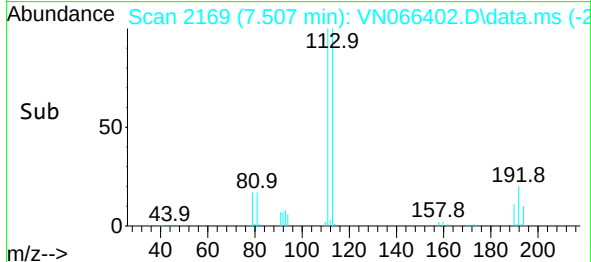
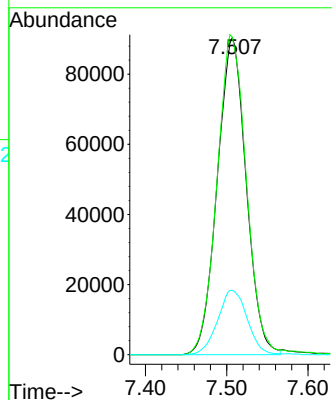
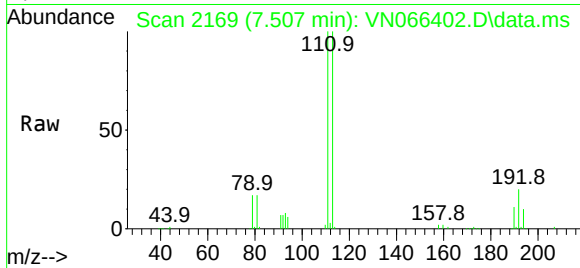




#35
Dibromofluoromethane
Concen: 54.31 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

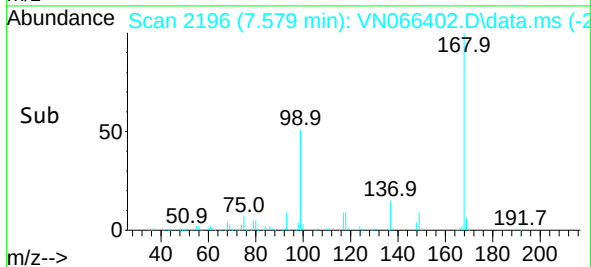
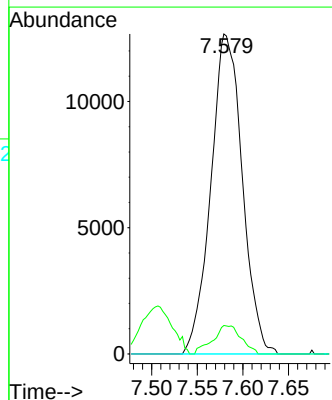
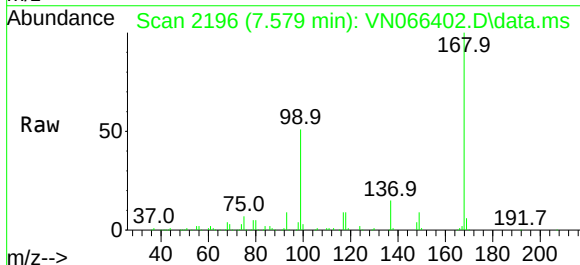
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

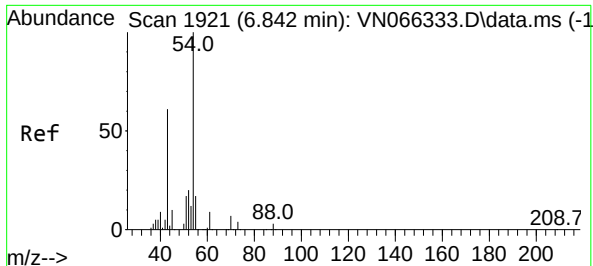
Tgt Ion:	113	Resp:	223028
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.8
192	20.8	17.1	25.7



#36
1,1-Dichloropropene
Concen: 5.22 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.131 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion:	75	Resp:	30391
Ion Ratio	Lower	Upper	
75	100		
110	8.0	18.1	54.3#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 2.06 ug/l

RT: 6.753 min Scan# 1888

Delta R.T. -0.089 min

Lab File: VN066402.D

Acq: 30 Mar 2021 1:58

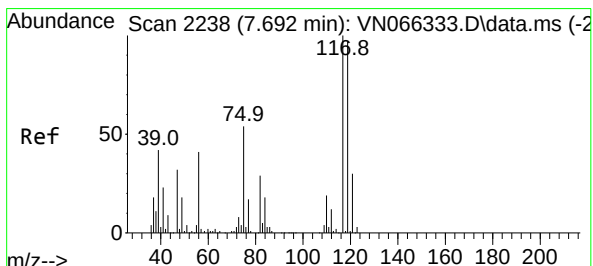
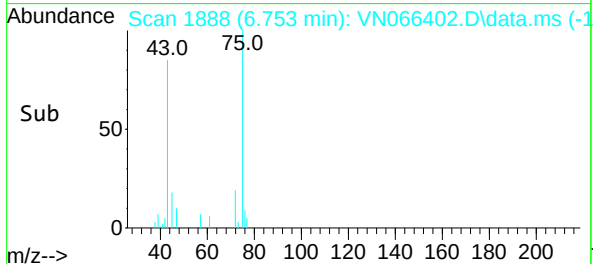
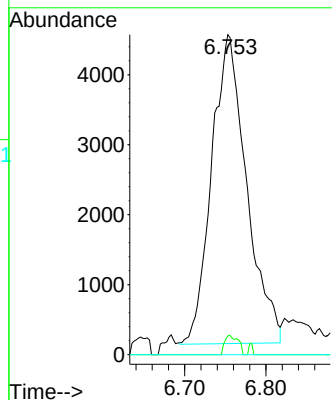
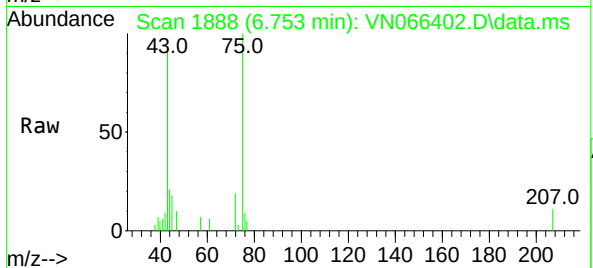
Instrument :

MSVOA_N

ClientSampleId :

PB135367ZHE#09

Tgt Ion:	43	Resp:	13199
Ion	Ratio	Lower	Upper
43	100		
61	2.4	11.1	16.7#
70	0.0	8.0	12.0#



#38

Carbon Tetrachloride

Concen: 6.25 ug/l

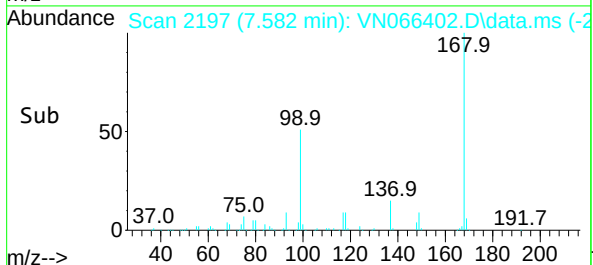
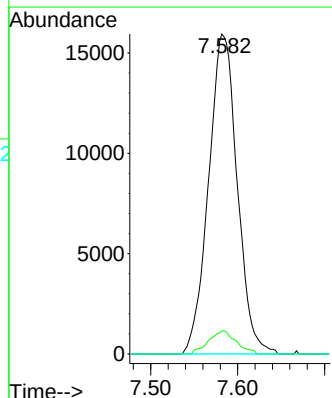
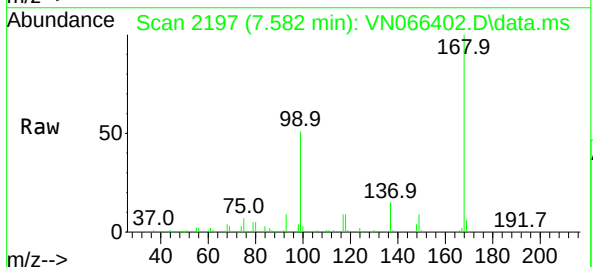
RT: 7.582 min Scan# 2197

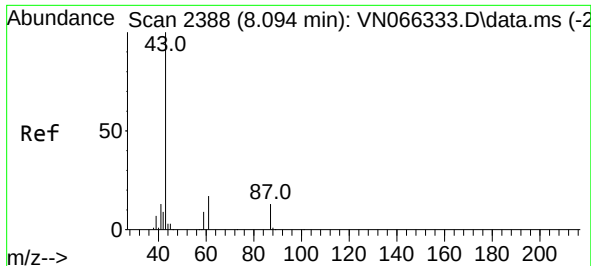
Delta R.T. -0.110 min

Lab File: VN066402.D

Acq: 30 Mar 2021 1:58

Tgt Ion:	117	Resp:	36551
Ion	Ratio	Lower	Upper
117	100		
119	7.2	77.2	115.8#
121	0.0	24.2	36.4#

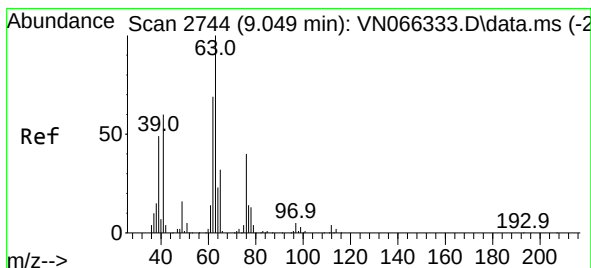
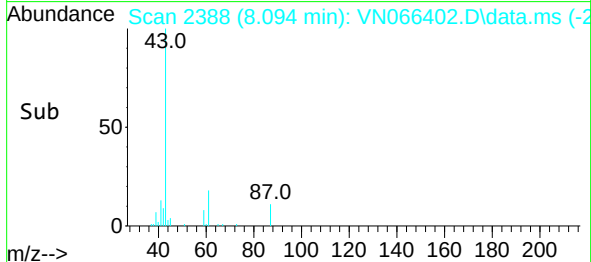
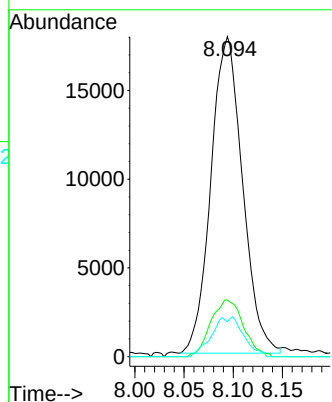
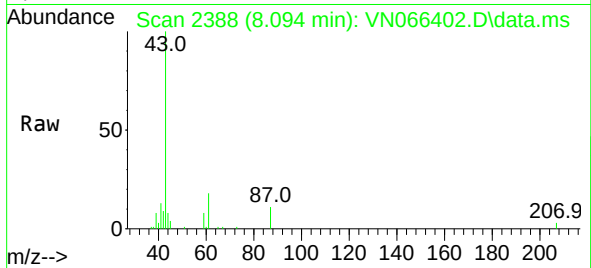




#43
Isopropyl Acetate
Concen: 3.65 ug/l
RT: 8.094 min Scan# 2388
Delta R.T. -0.000 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

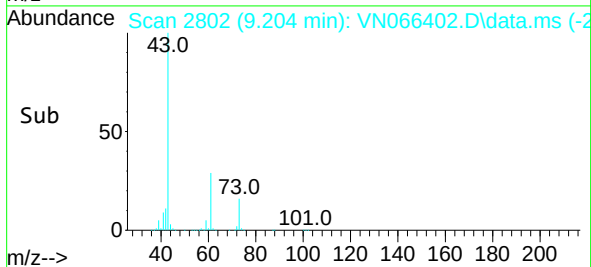
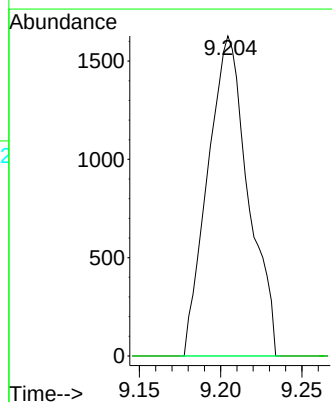
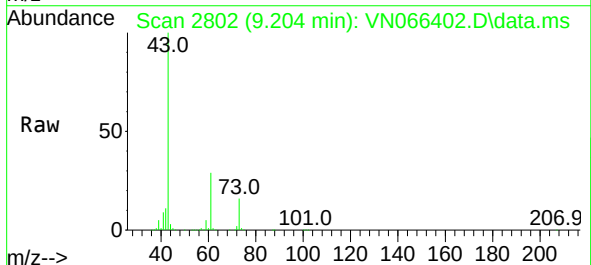
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

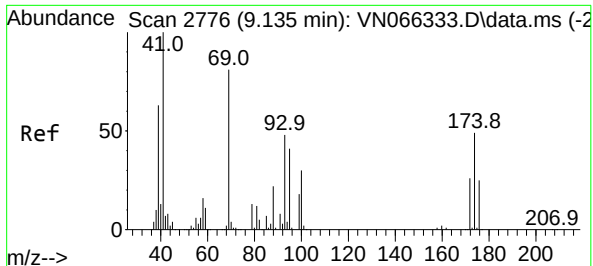
Tgt Ion:	43	Resp:	39931
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.5	23.3
87	6.6	10.5	15.7#



#45
1,2-Dichloropropane
Concen: 0.60 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.156 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion:	63	Resp:	2821
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.5	38.3#

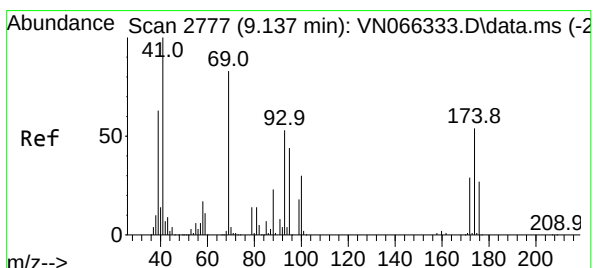
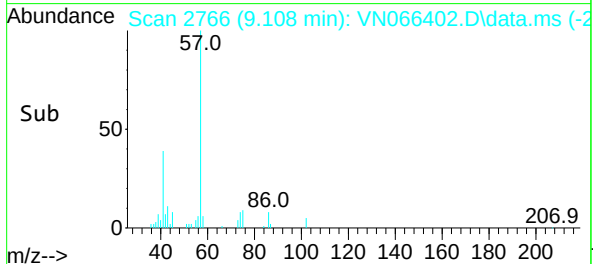
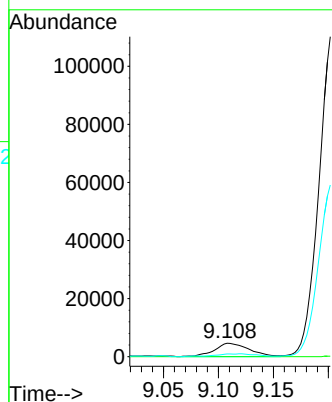
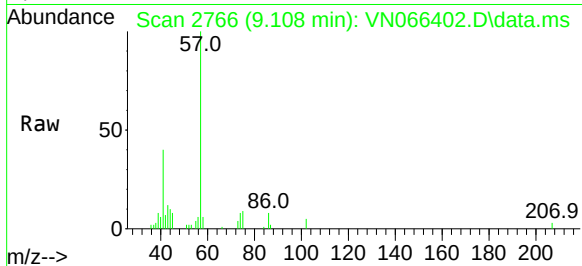




#48
Methyl methacrylate
Concen: 1.97 ug/l
RT: 9.108 min Scan# 2766
Delta R.T. -0.027 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

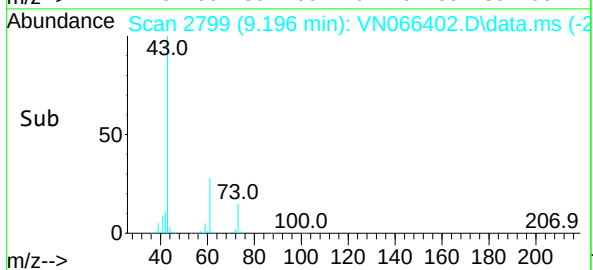
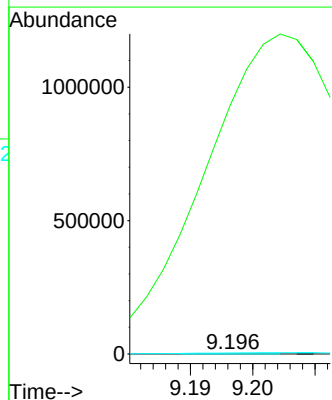
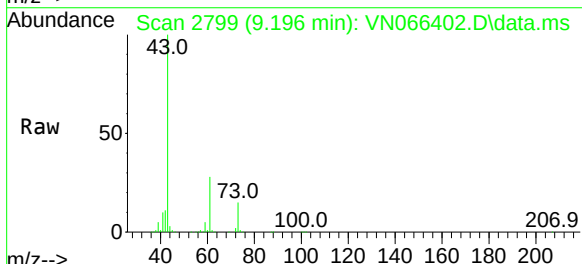
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

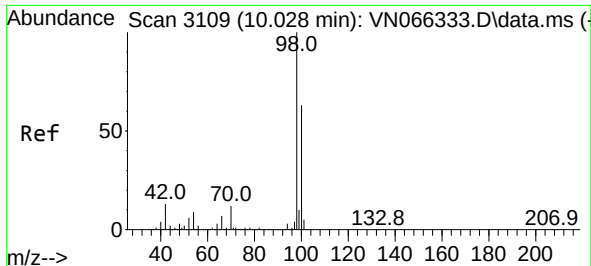
Tgt Ion: 41 Resp: 10275
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 0.0 51.5 77.3#



#49
1,4-Dioxane
Concen: 2.60 ug/l
RT: 9.196 min Scan# 2799
Delta R.T. 0.059 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
43 1270054.7 28.2 42.4#
58 5363.5 56.6 84.8#

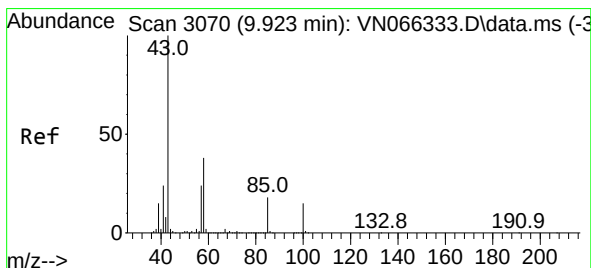
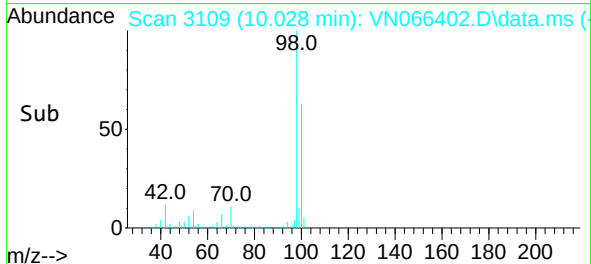
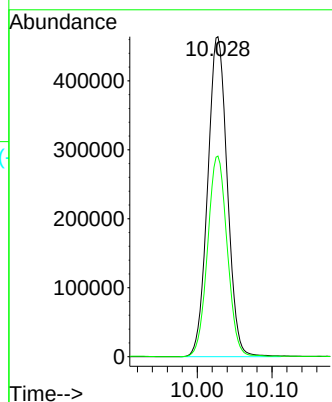
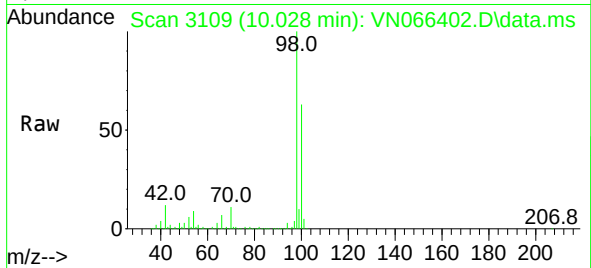




#50
Toluene-d8
Concen: 54.28 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

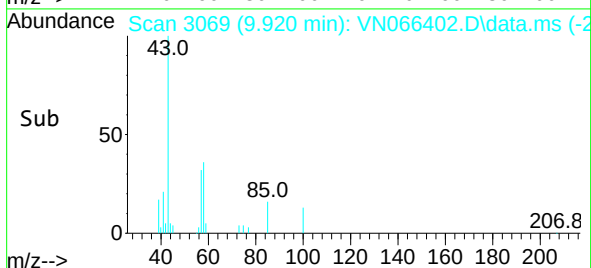
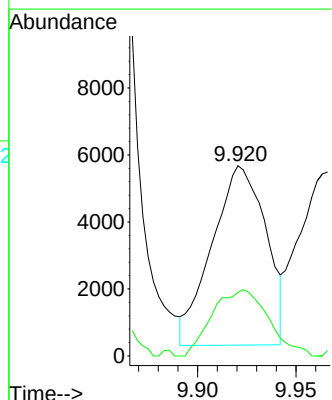
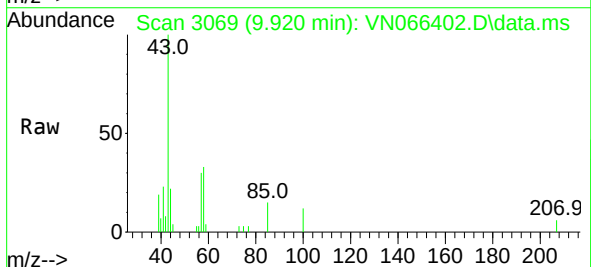
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

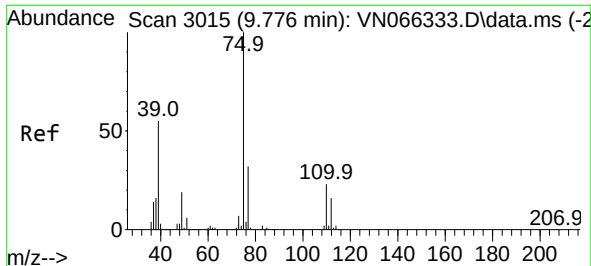
Tgt Ion: 98 Resp: 845378
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.59 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion: 43 Resp: 10192
Ion Ratio Lower Upper
43 100
58 38.6 30.8 46.2

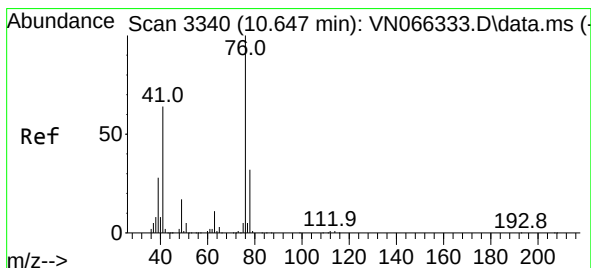
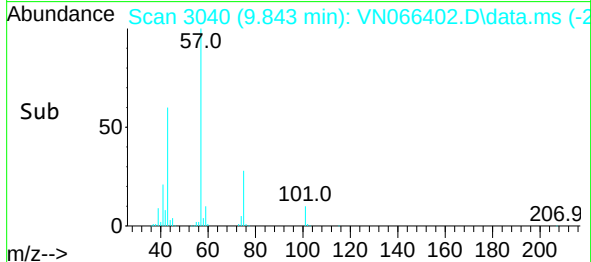
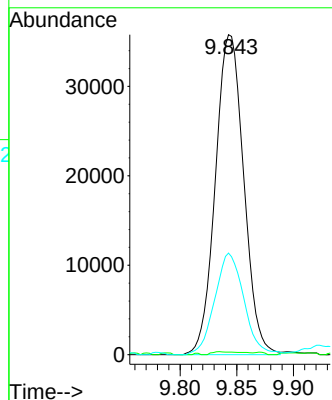
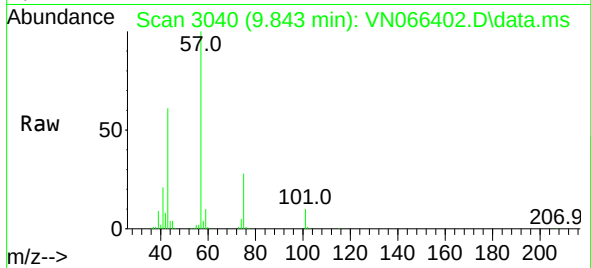




#54
cis-1,3-Dichloropropene
Concen: 8.42 ug/l
RT: 9.843 min Scan# 3040
Delta R.T. 0.067 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

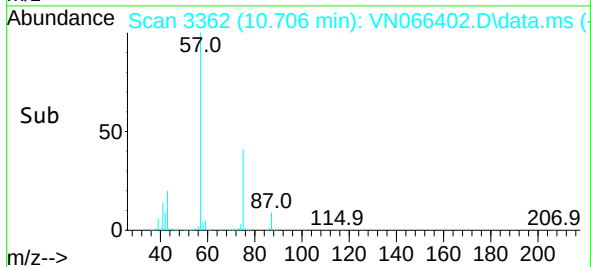
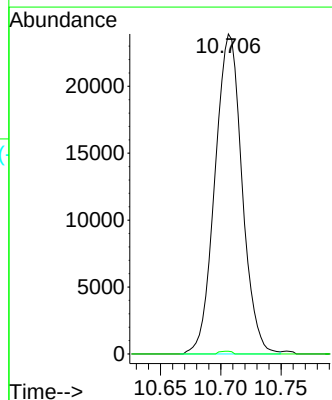
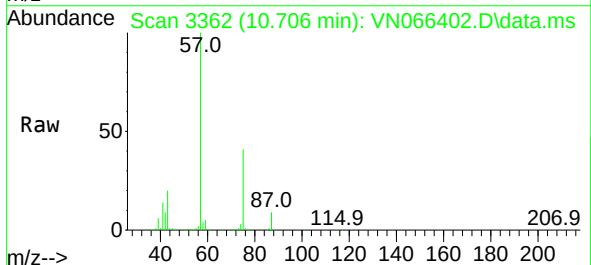
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

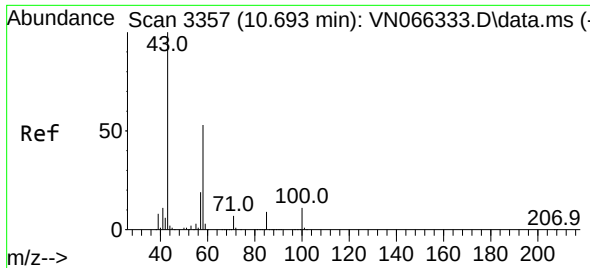
Tgt Ion: 75 Resp: 62256
Ion Ratio Lower Upper
75 100
77 0.8 25.4 38.2#
39 31.7 44.2 66.4#



#57
1,3-Dichloropropane
Concen: 5.20 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion: 76 Resp: 37396
Ion Ratio Lower Upper
76 100
78 0.4 25.9 38.9#

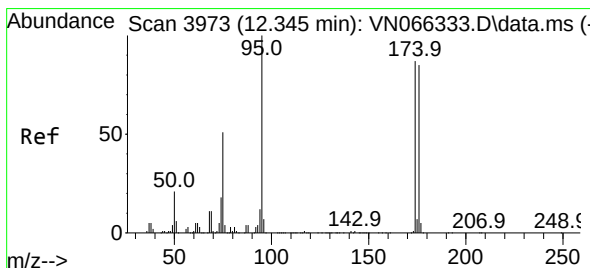
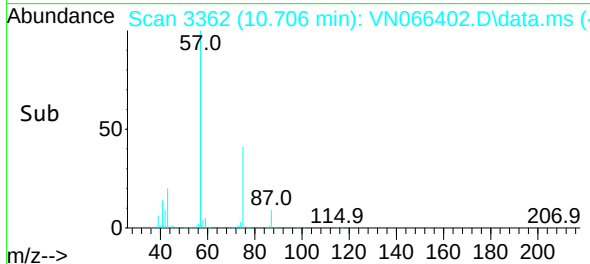
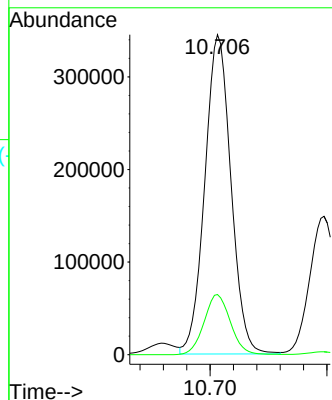
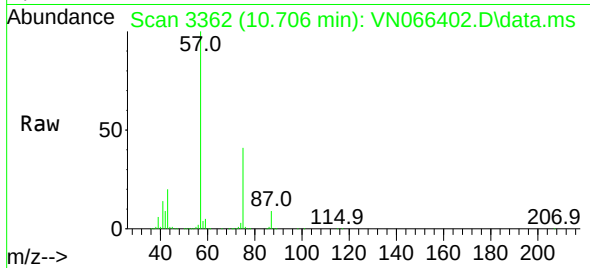




#59
2-Hexanone
Concen: 119.40 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

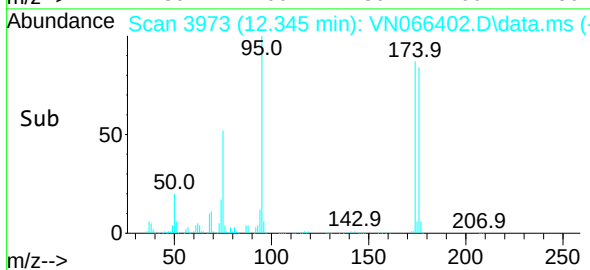
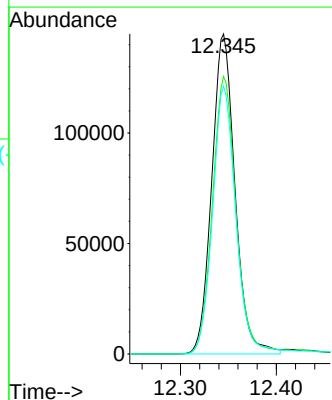
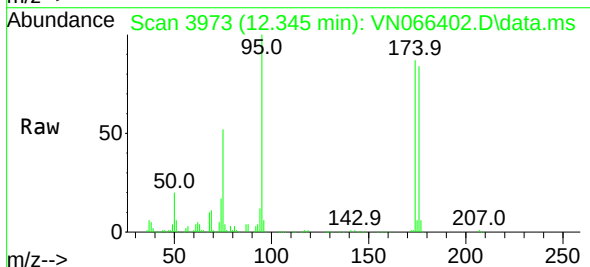
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

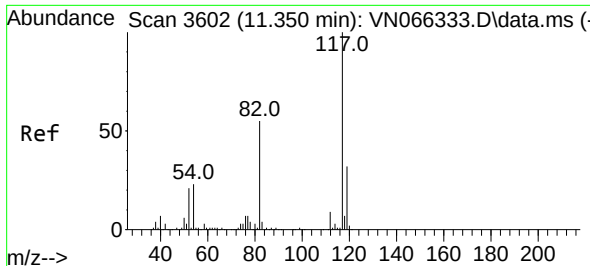
Tgt Ion: 43 Resp: 535210
Ion Ratio Lower Upper
43 100
58 19.1 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 45.06 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion: 95 Resp: 243779
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.2
176 84.4 0.0 167.8

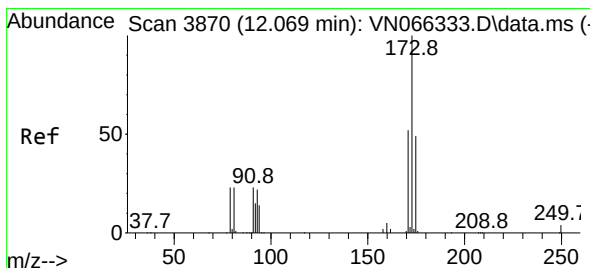
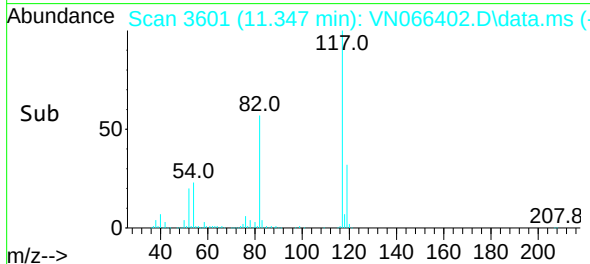
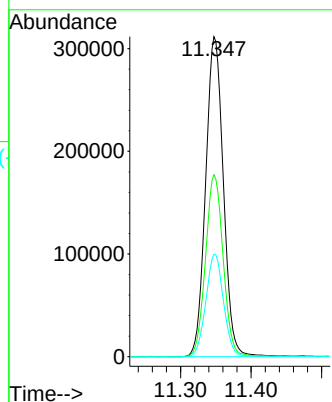
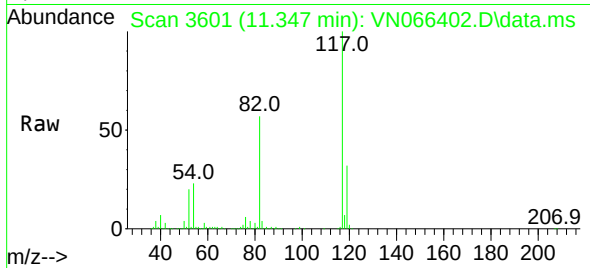




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

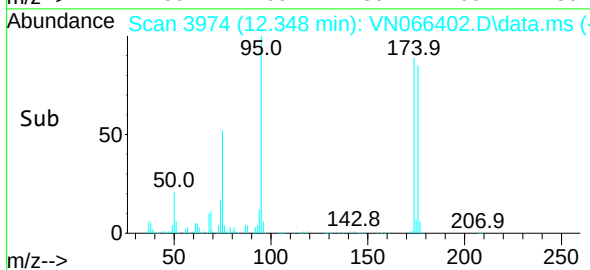
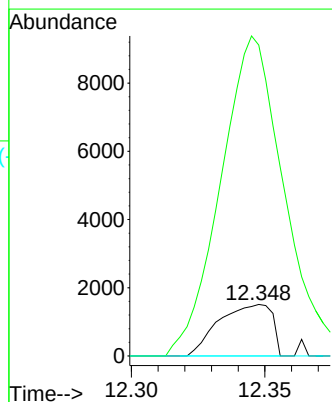
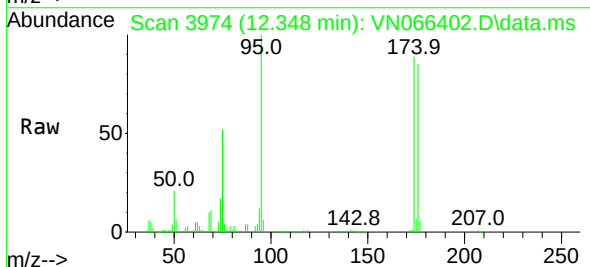
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

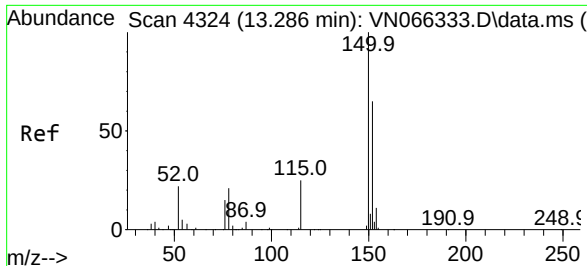
Tgt Ion:117 Resp: 543686
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.4
119 32.0 25.8 38.6



#71
Bromoform
Concen: 0.60 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.279 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion:173 Resp: 2100
Ion Ratio Lower Upper
173 100
175 651.2 24.3 72.8#
254 0.0 0.0 0.0

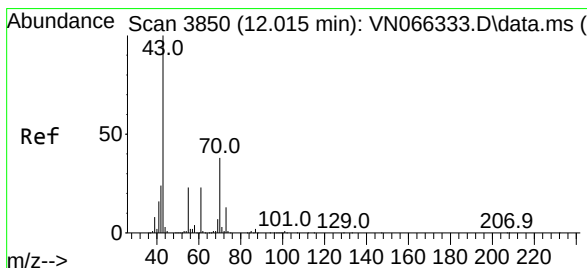
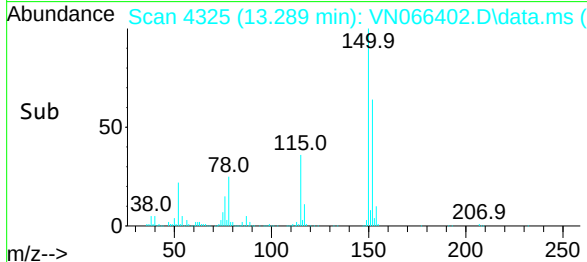
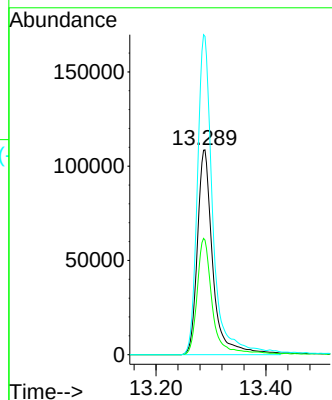
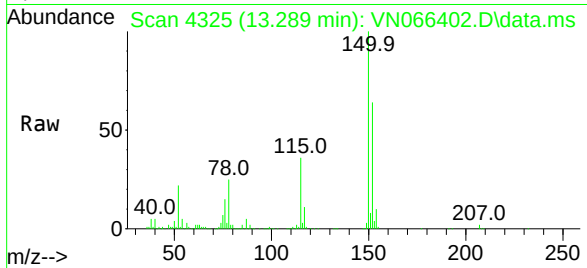




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

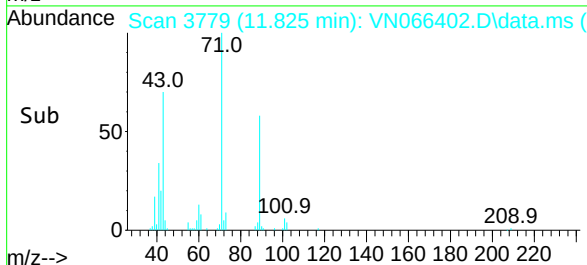
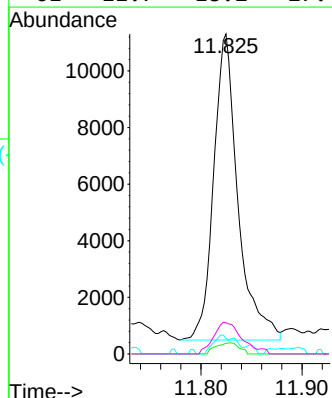
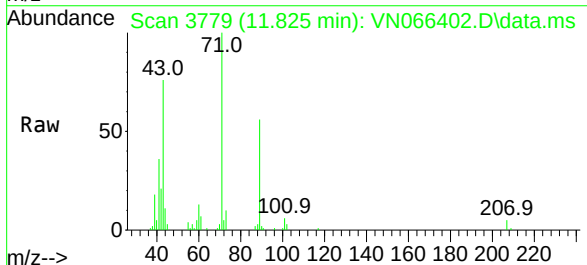
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

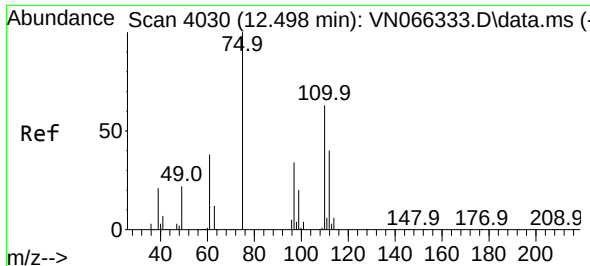
Tgt Ion:152 Resp: 212181
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 154.8 0.0 348.4



#74
N-ethyl acetate
Concen: 5.92 ug/l
RT: 11.825 min Scan# 3779
Delta R.T. -0.190 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion: 43 Resp: 18059
Ion Ratio Lower Upper
43 100
70 3.5 31.2 46.8#
55 3.7 18.6 28.0#
61 11.7 18.2 27.4#

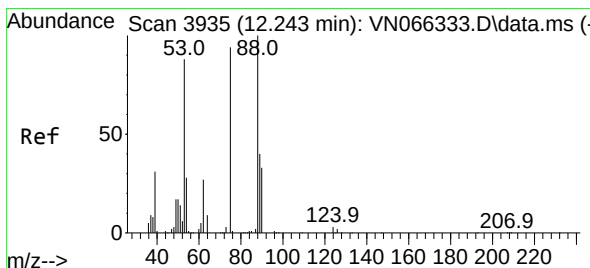
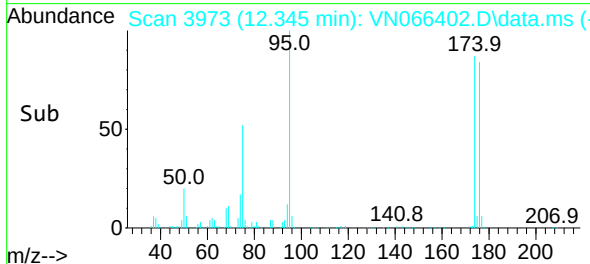
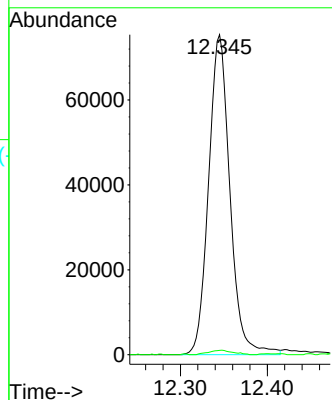
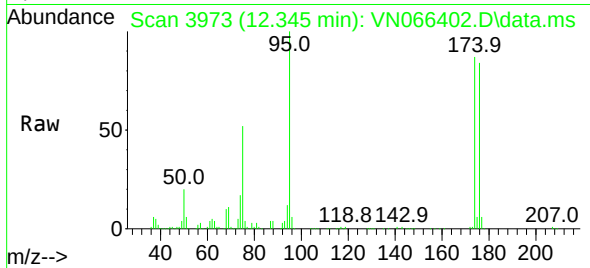




#76
1,2,3-Trichloropropane
Concen: 27.59 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

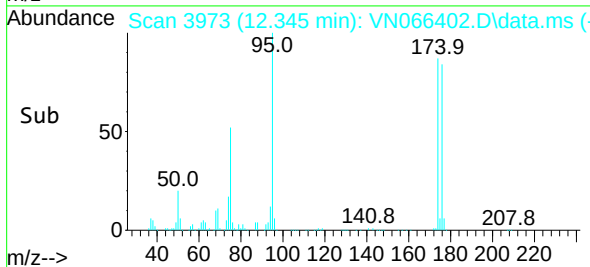
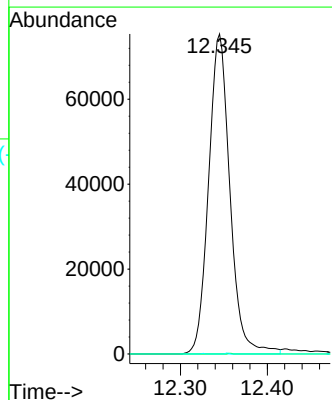
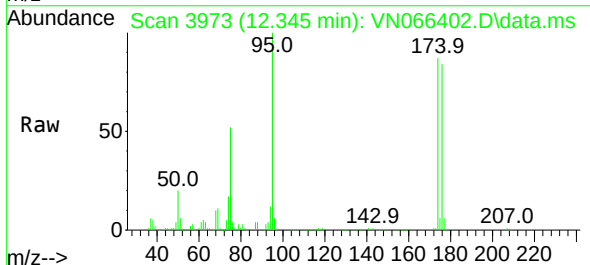
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

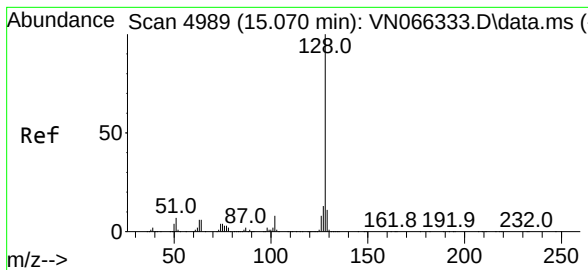
Tgt Ion: 75 Resp: 128440
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.96 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Tgt Ion: 75 Resp: 128440
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 1.14 ug/l
RT: 15.086 min Scan# 4995
Delta R.T. 0.016 min
Lab File: VN066402.D
Acq: 30 Mar 2021 1:58

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#09

Tgt Ion:128	Resp:	1198
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.5 15.7#
129	4.3	8.5 12.7#

