

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066400.D
 Acq On : 30 Mar 2021 1:11
 Operator : JC/MD
 Sample : PB135367ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB135367ZHE#07

Quant Time: Mar 30 07:07:44 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	7.585	168	444675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	679091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	600253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	210354	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	304819	51.57	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.14%
35) Dibromofluoromethane	7.504	113	235205	52.25	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.50%
50) Toluene-d8	10.028	98	920330	53.90	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.80%
62) 4-Bromofluorobenzene	12.345	95	255569	43.09	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.18%

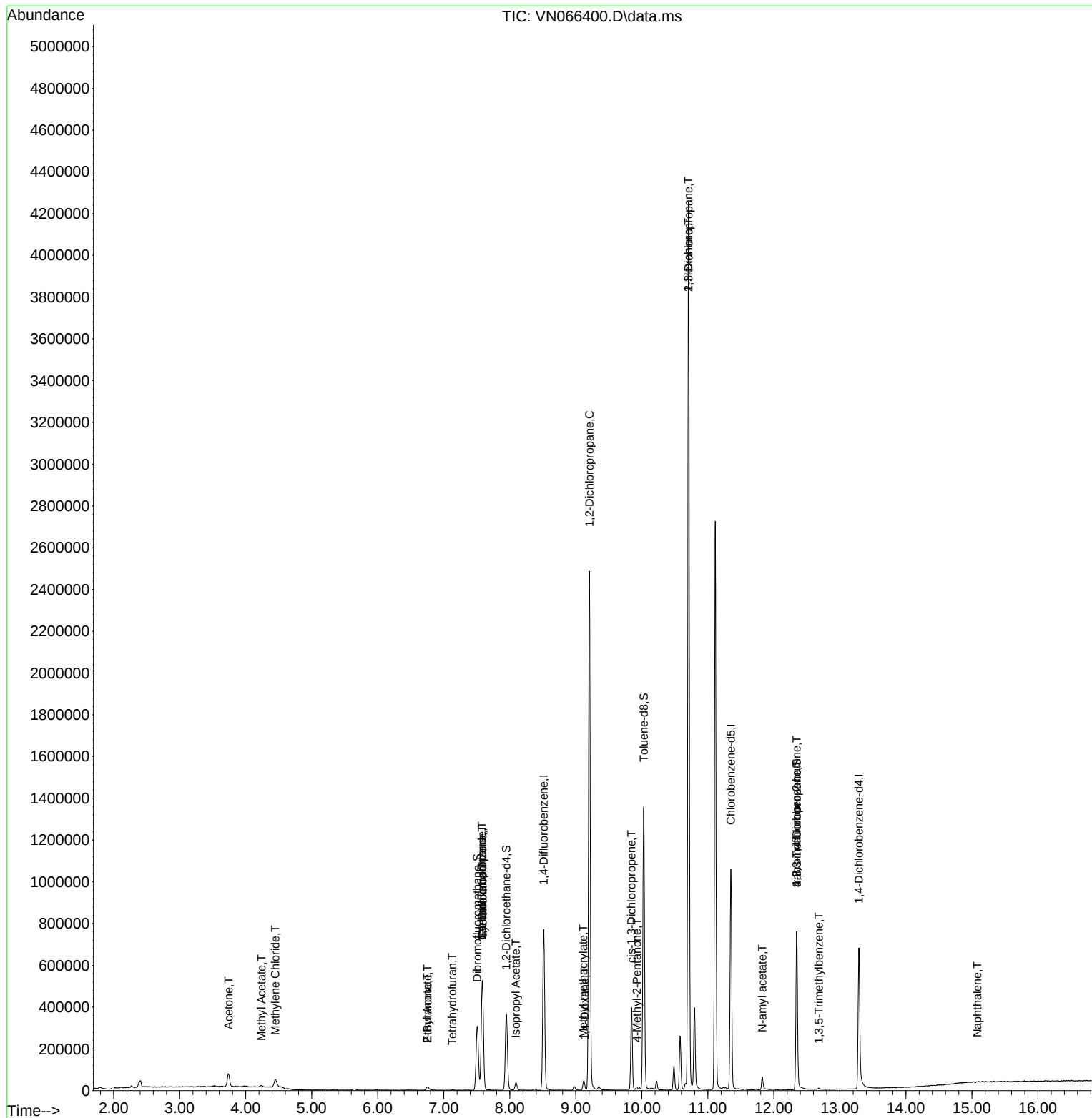
Target Compounds					Qvalue
3) Chloromethane	2.014	50	3331	Below Cal	99
13) Acrolein	3.524	56	1361	Below Cal	# 47
16) Acetone	3.739	43	103163	32.30	ug/l 98
18) Methyl Acetate	4.237	43	12124	1.45	ug/l 96
20) Methylene Chloride	4.447	84	25229	3.23	ug/l 95
25) 2-Butanone	6.750	43	16035	4.59	ug/l 99
29) Tetrahydrofuran	7.126	42	1280	0.56	ug/l 93
31) Cyclohexane	7.587	56	8809	1.08	ug/l # 1
36) 1,1-Dichloropropene	7.579	75	33016	5.18	ug/l # 49
37) Ethyl Acetate	6.750	43	16035	2.28	ug/l # 71
38) Carbon Tetrachloride	7.579	117	40915	6.38	ug/l # 17
43) Isopropyl Acetate	8.091	43	42919	3.58	ug/l 99
45) 1,2-Dichloropropane	9.204	63	3206	0.62	ug/l # 43
48) Methyl methacrylate	9.111	41	9789	1.71	ug/l # 12
49) 1,4-Dioxane	9.135	88	29	0.40	ug/l # 1
51) 4-Methyl-2-Pentanone	9.926	43	11482	1.64	ug/l 97
54) cis-1,3-Dichloropropene	9.843	75	70974	8.76	ug/l # 60
57) 1,3-Dichloropropane	10.706	76	40675	5.15	ug/l # 43
59) 2-Hexanone	10.706	43	599160	121.93	ug/l # 52
74) N-amyl acetate	11.825	43	21815	6.51	ug/l # 55
76) 1,2,3-Trichloropropane	12.345	75	131989	28.60	ug/l # 100
80) 1,3,5-Trimethylbenzene	12.680	105	2926	0.23	ug/l 90
81) trans-1,4-Dichloro-2-b...	12.345	75	131989	85.99	ug/l # 12
95) Naphthalene	15.081	128	934	1.12	ug/l # 69

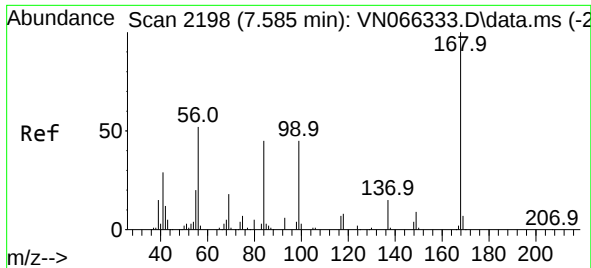
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066400.D
Acq On : 30 Mar 2021 1:11
Operator : JC/MD
Sample : PB135367ZHE#07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

Quant Time: Mar 30 07:07:44 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

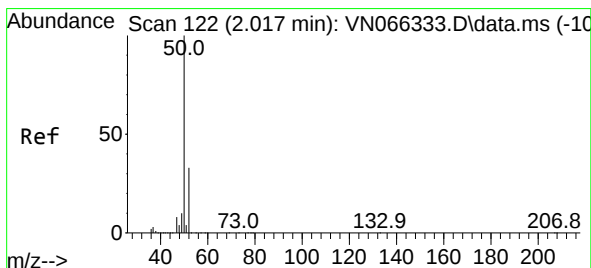
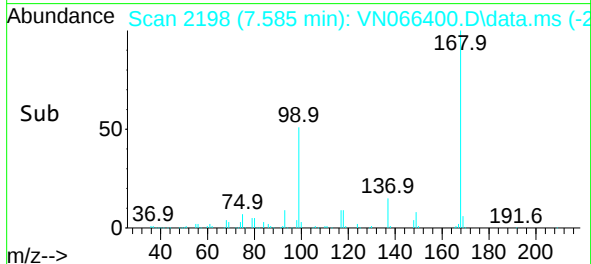
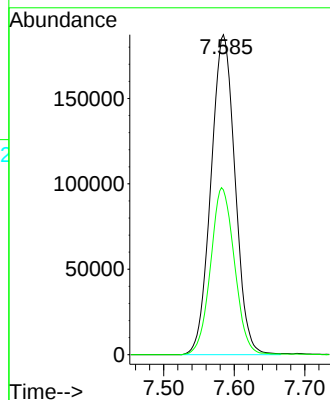
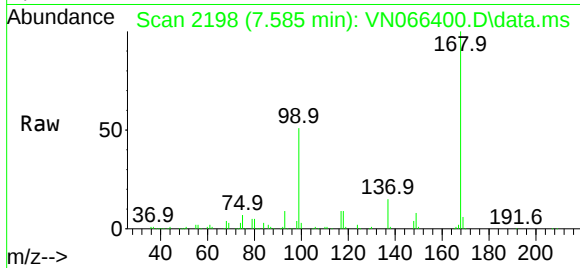




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

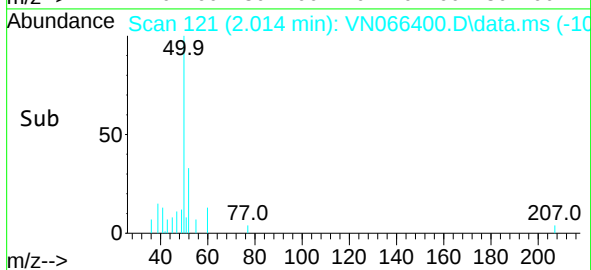
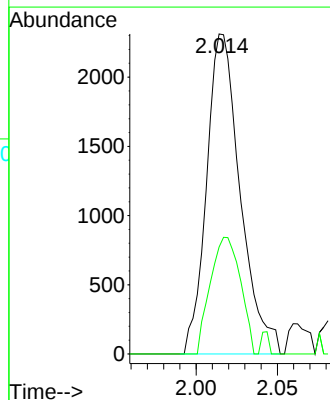
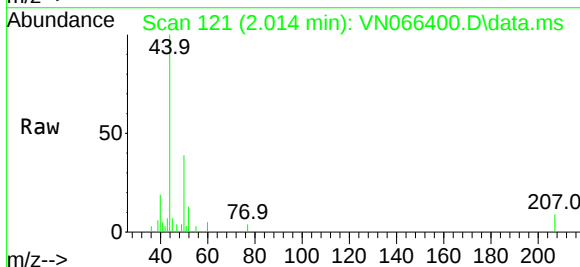
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

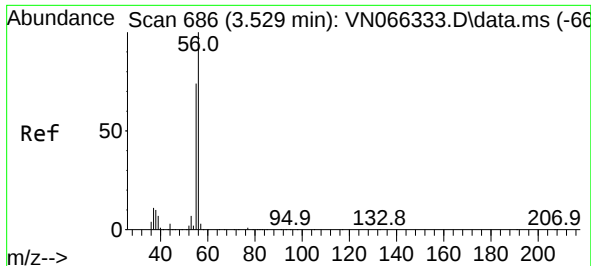
Tgt Ion:168 Resp: 444675
Ion Ratio Lower Upper
168 100
99 51.5 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 50 Resp: 3331
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2

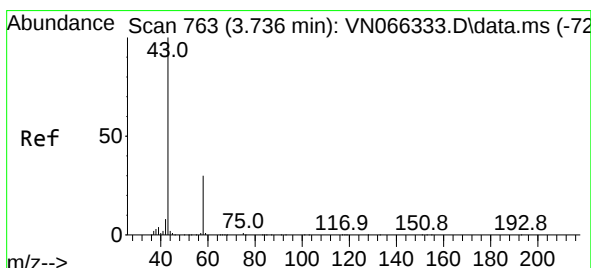
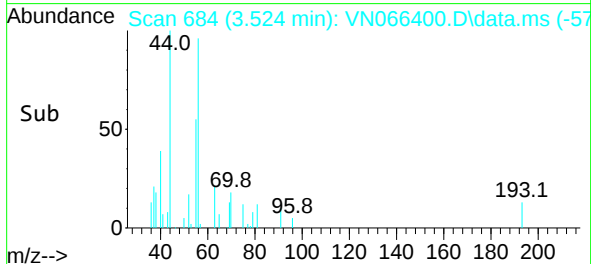
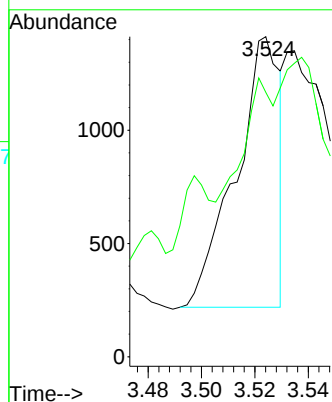
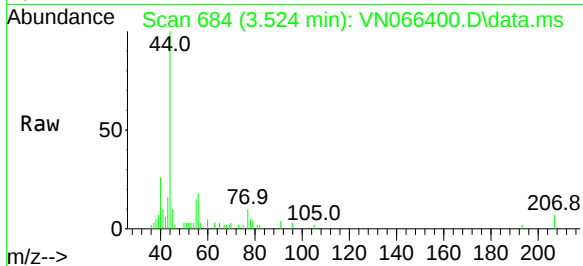




#13
Acrolein
Concen: Below Cal
RT: 3.524 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

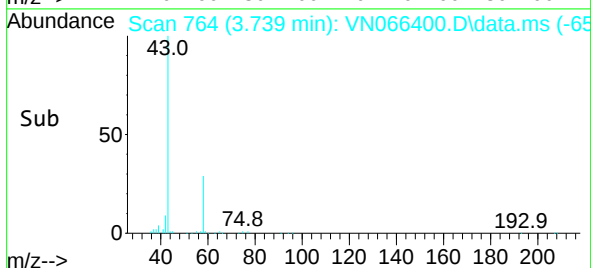
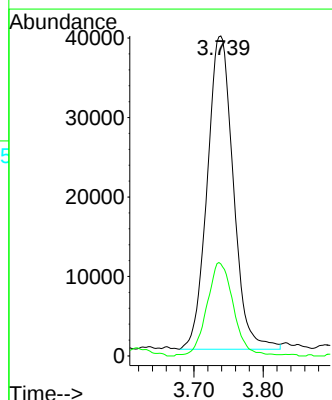
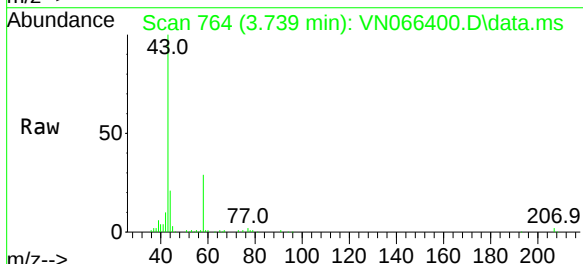
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

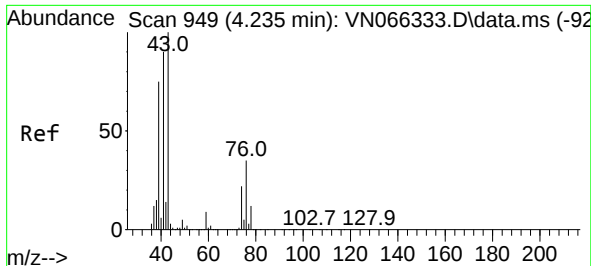
Tgt Ion: 56 Resp: 1361
Ion Ratio Lower Upper
56 100
55 28.2 57.9 86.9#



#16
Acetone
Concen: 32.30 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 43 Resp: 103163
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.8

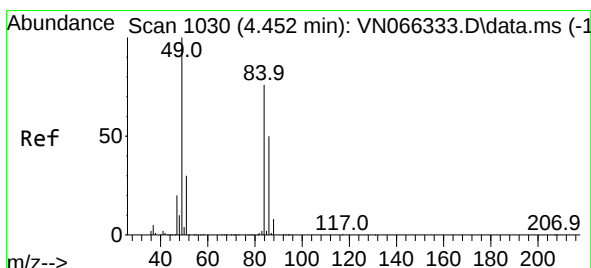
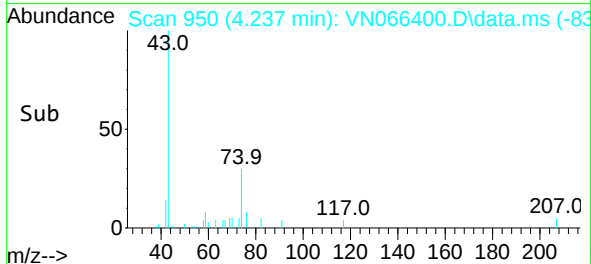
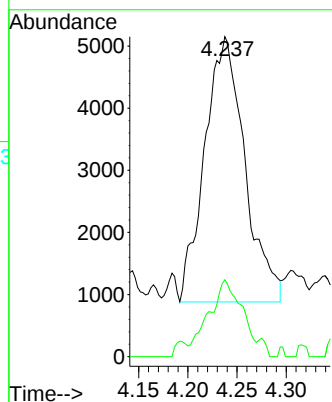
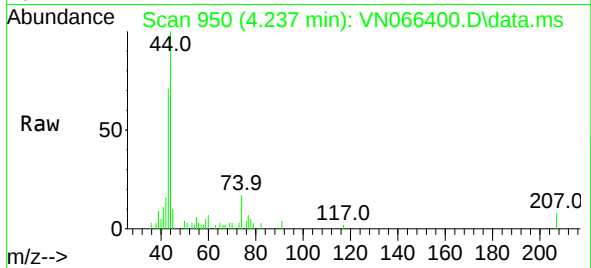




#18
Methyl Acetate
Concen: 1.45 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

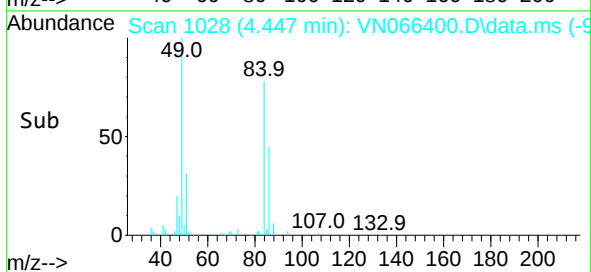
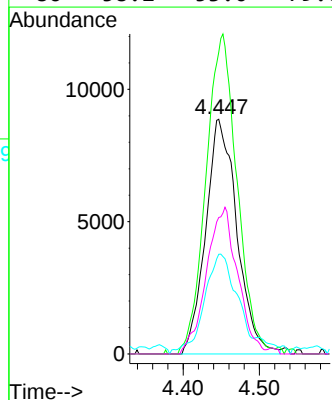
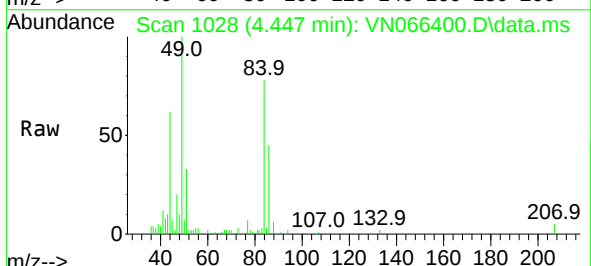
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

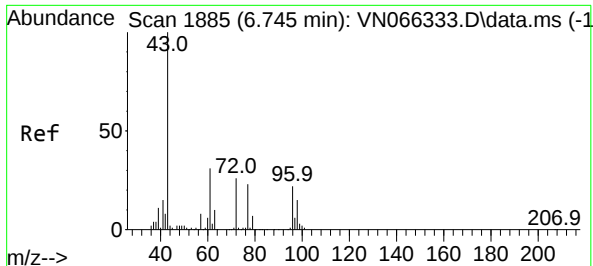
Tgt Ion: 43 Resp: 12124
Ion Ratio Lower Upper
43 100
74 20.2 17.6 26.4



#20
Methylene Chloride
Concen: 3.23 ug/l
RT: 4.447 min Scan# 1028
Delta R.T. -0.005 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 84 Resp: 25229
Ion Ratio Lower Upper
84 100
49 126.3 105.0 157.6
51 39.8 31.6 47.4
86 58.2 53.0 79.6

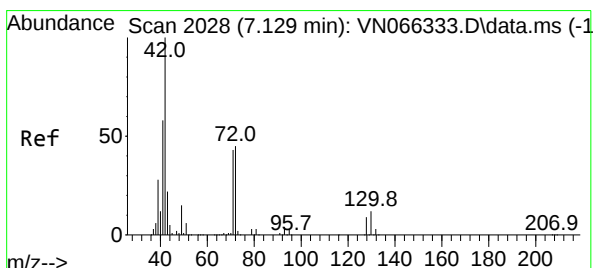
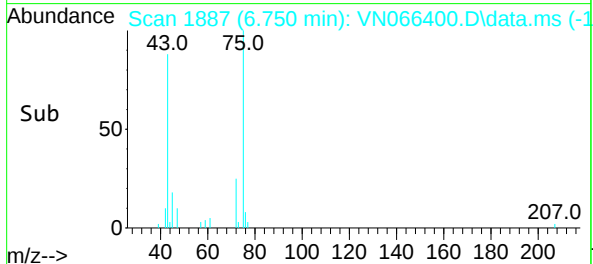
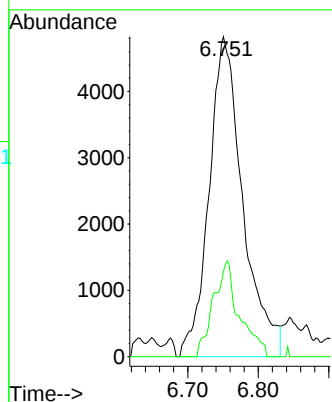
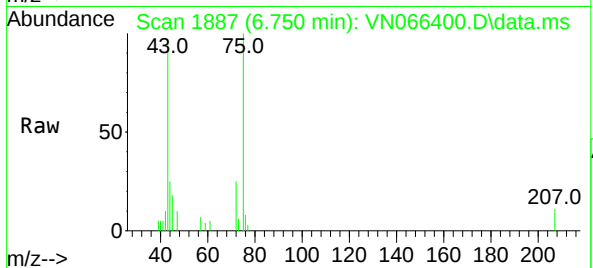




#25
2-Butanone
Concen: 4.59 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.005 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

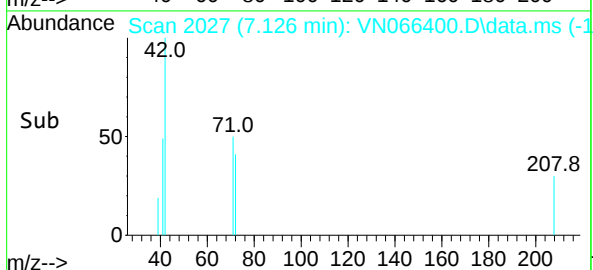
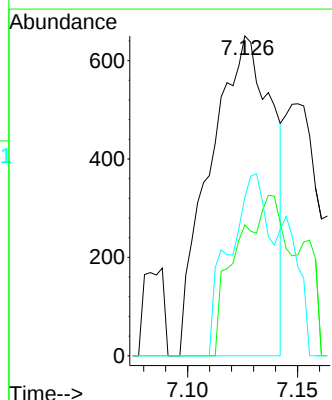
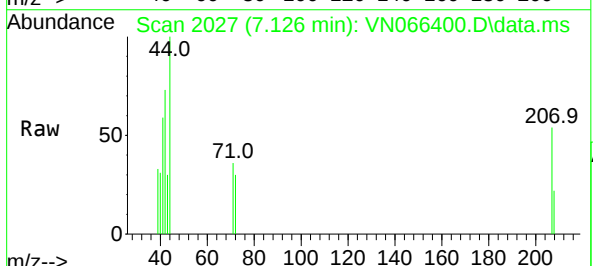
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

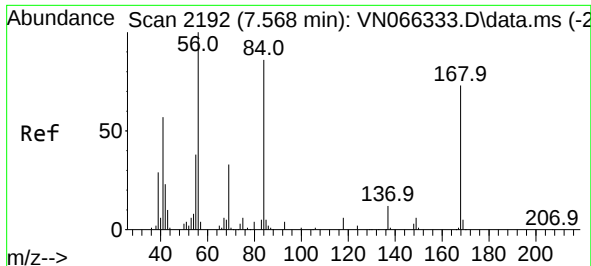
Tgt Ion: 43 Resp: 16035
Ion Ratio Lower Upper
43 100
72 26.5 20.7 31.1



#29
Tetrahydrofuran
Concen: 0.56 ug/l
RT: 7.126 min Scan# 2027
Delta R.T. -0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

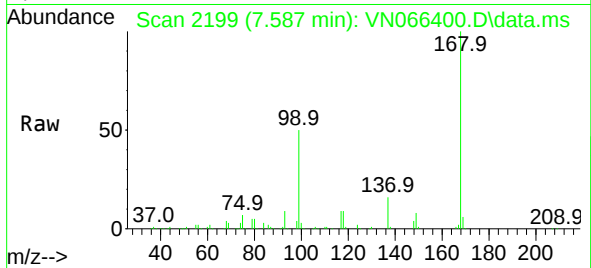
Tgt Ion: 42 Resp: 1280
Ion Ratio Lower Upper
42 100
72 39.9 35.2 52.8
71 36.5 33.1 49.7



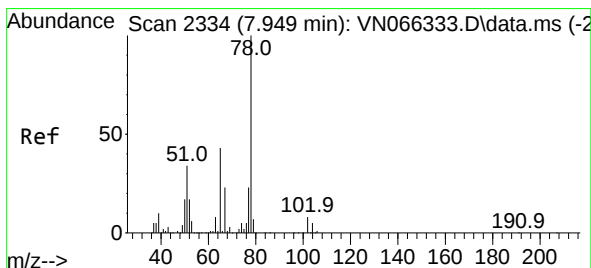
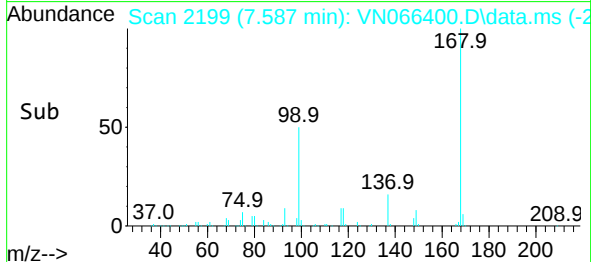
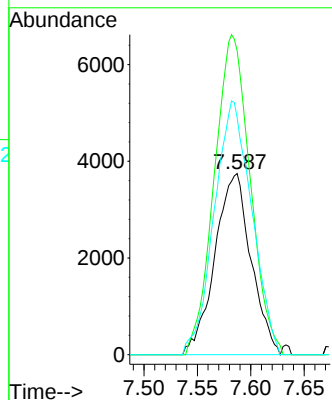


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.019 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

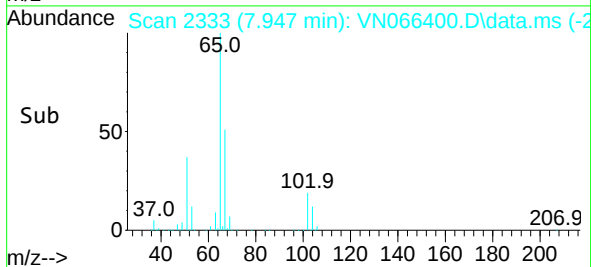
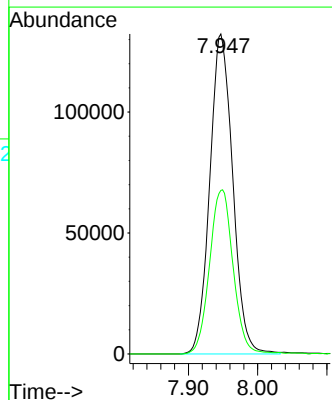
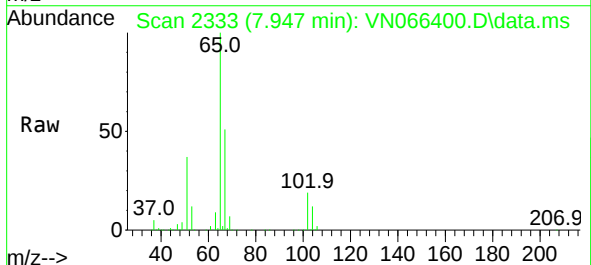


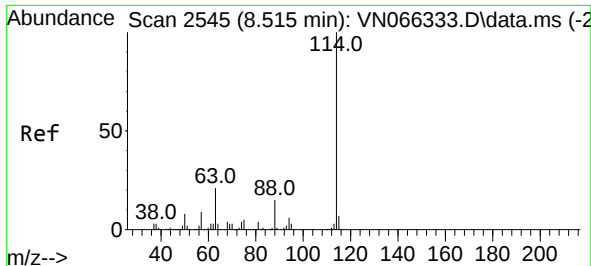
Tgt Ion: 56 Resp: 8809
Ion Ratio Lower Upper
56 100
69 167.8 26.6 40.0#
84 130.9 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 51.57 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 65 Resp: 304819
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

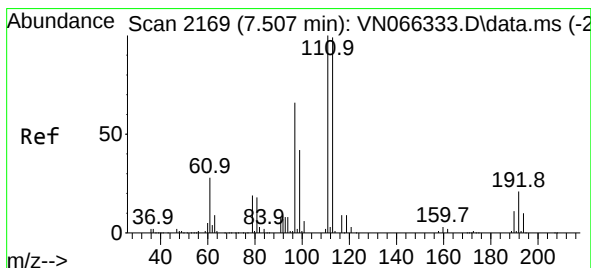
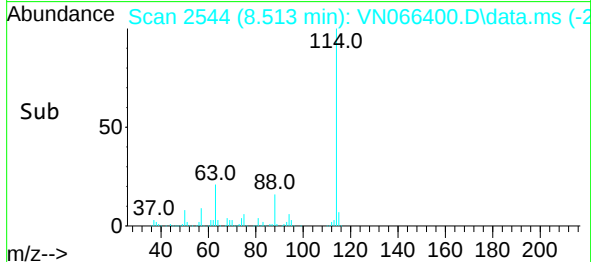
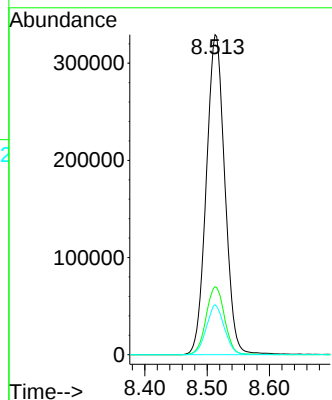
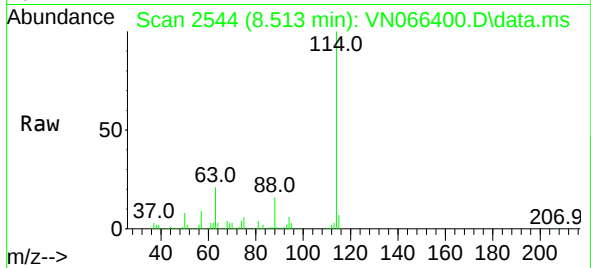




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

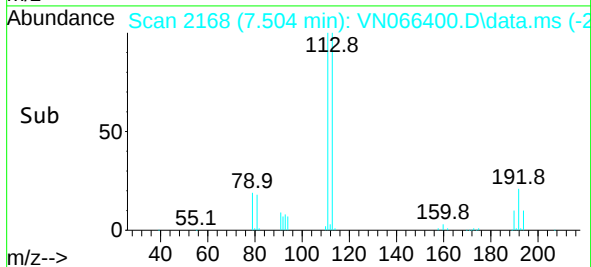
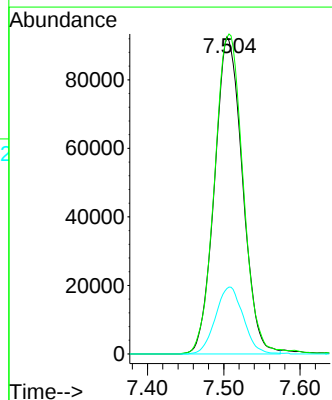
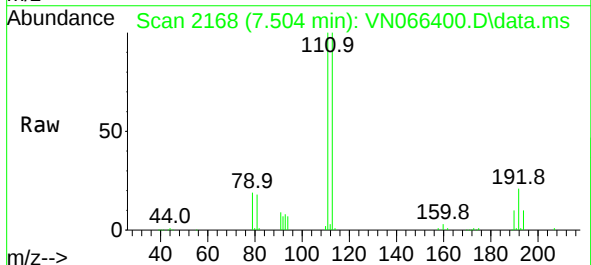
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

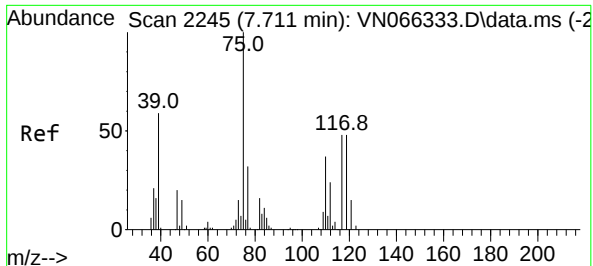
Tgt Ion:	114	Resp:	679091
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	42.0
88	15.6	0.0	31.0



#35
Dibromofluoromethane
Concen: 52.25 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion:	113	Resp:	235205
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.8	122.8
192	21.0	17.1	25.7

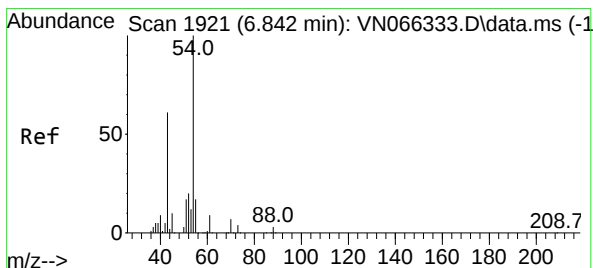
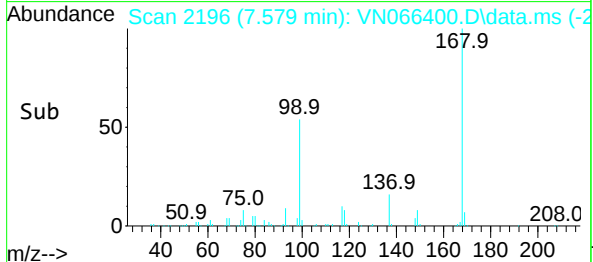
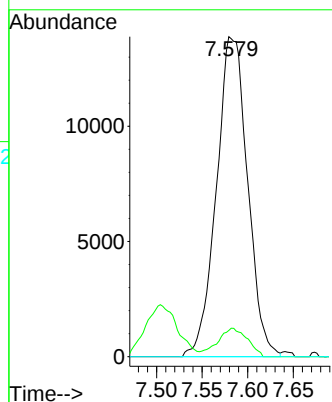
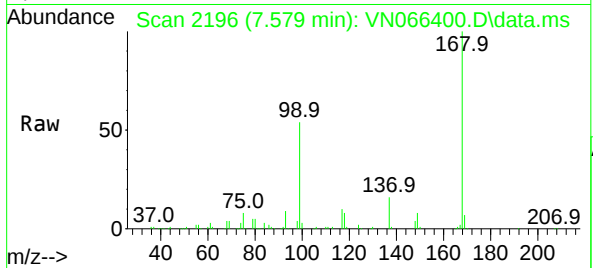




#36
1,1-Dichloropropene
Concen: 5.18 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.131 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

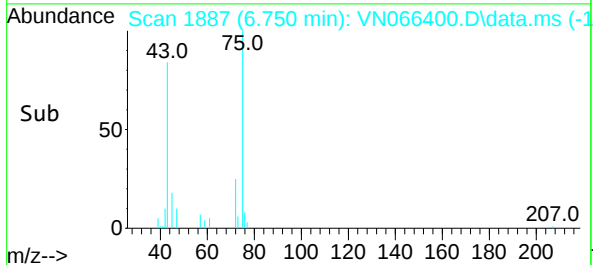
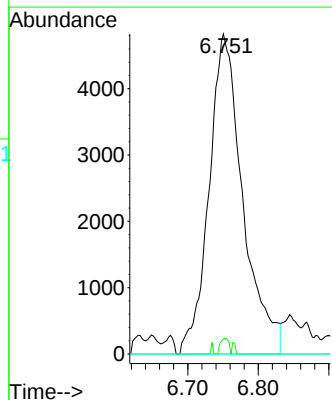
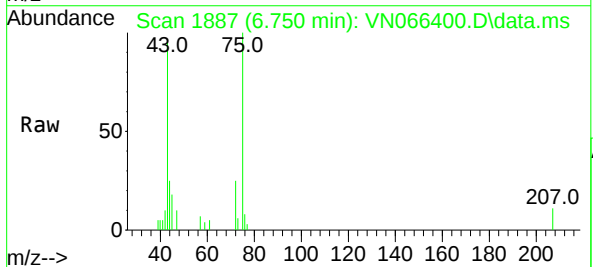
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

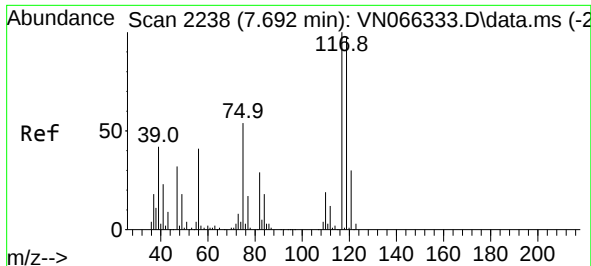
Tgt Ion: 75 Resp: 33016
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.28 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. -0.091 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

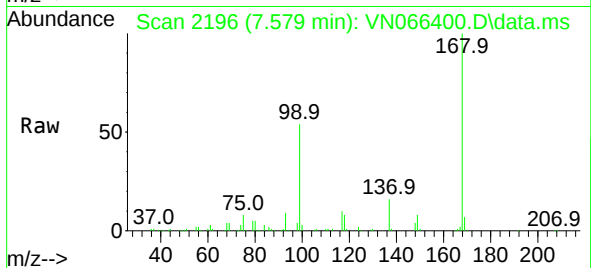
Tgt Ion: 43 Resp: 16035
Ion Ratio Lower Upper
43 100
61 1.2 11.1 16.7#
70 0.0 8.0 12.0#



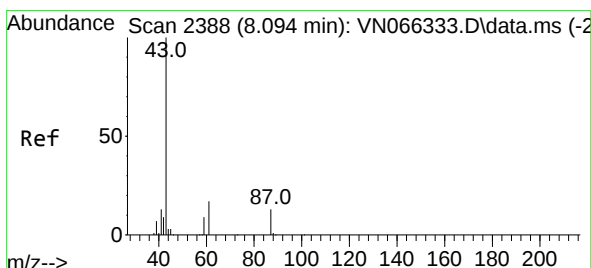
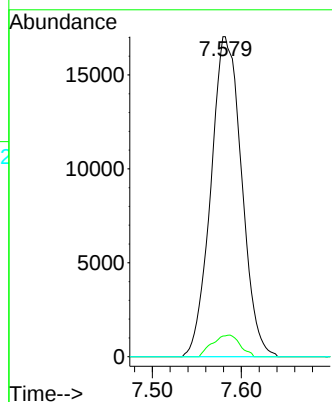
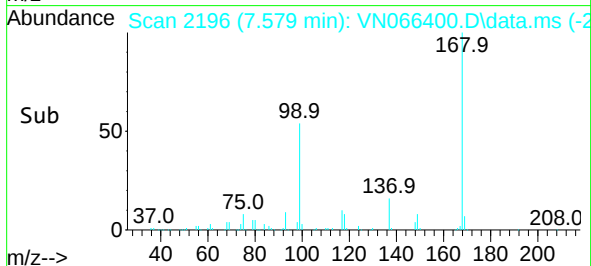


#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.113 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

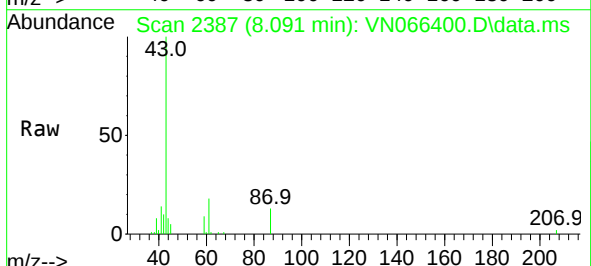
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07



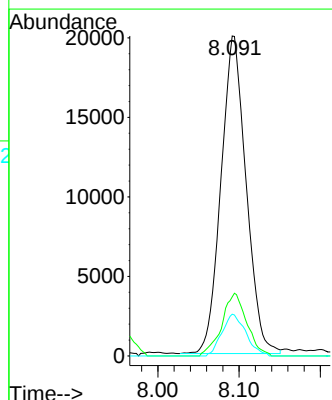
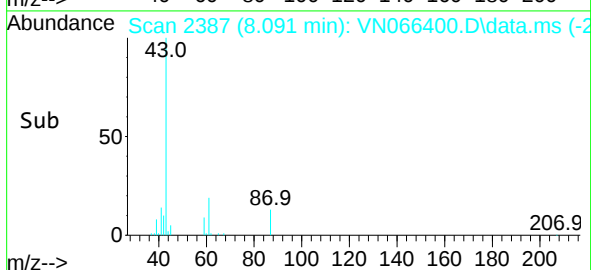
Tgt Ion:117 Resp: 40915
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 24.2 36.4#

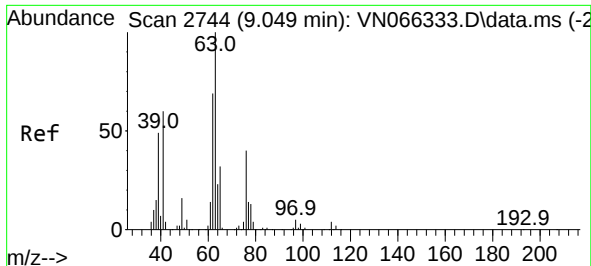


#43
Isopropyl Acetate
Concen: 3.58 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11



Tgt Ion: 43 Resp: 42919
Ion Ratio Lower Upper
43 100
61 19.6 15.5 23.3
87 12.5 10.5 15.7



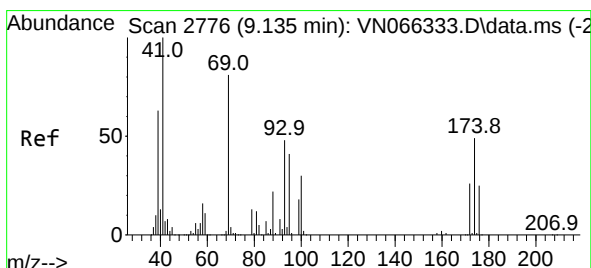
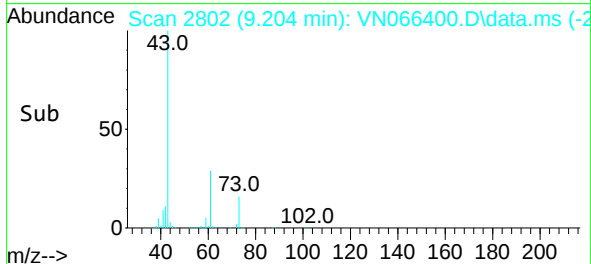
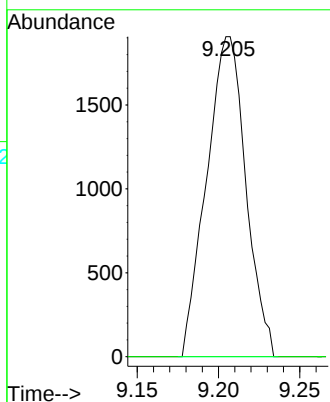
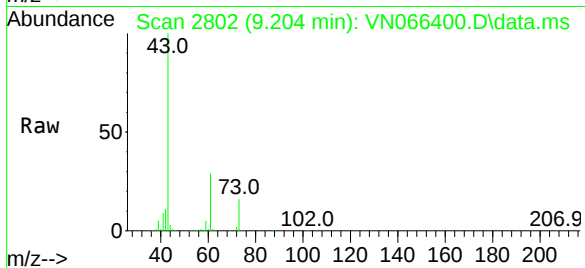


#45

1,2-Dichloropropane
Concen: 0.62 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.156 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

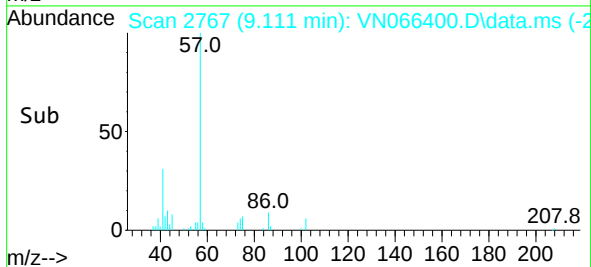
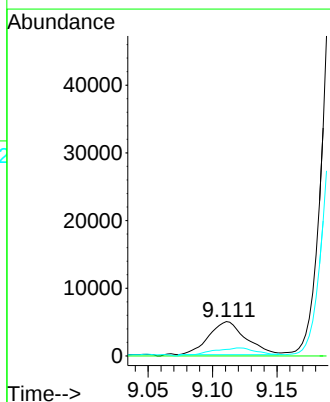
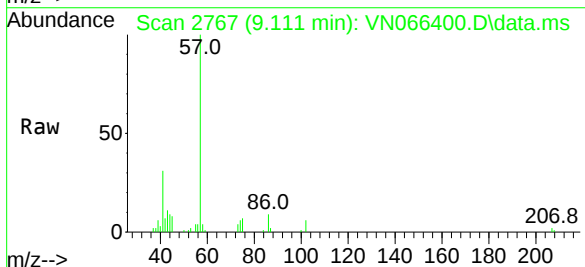
Tgt Ion: 63 Resp: 3206
Ion Ratio Lower Upper
63 100
65 0.0 25.5 38.3#

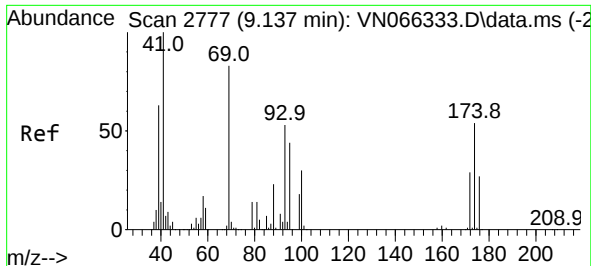


#48

Methyl methacrylate
Concen: 1.71 ug/l
RT: 9.111 min Scan# 2767
Delta R.T. -0.024 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 41 Resp: 9789
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 0.0 51.5 77.3#

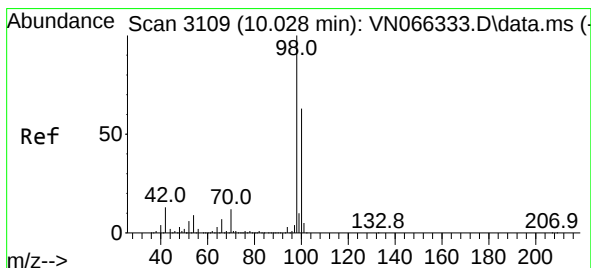
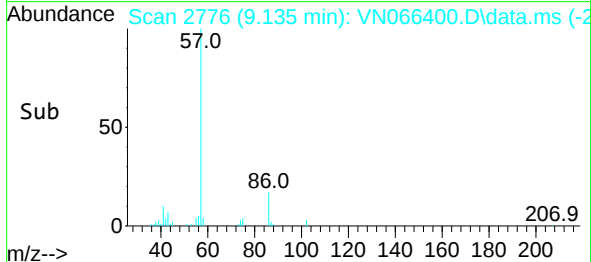
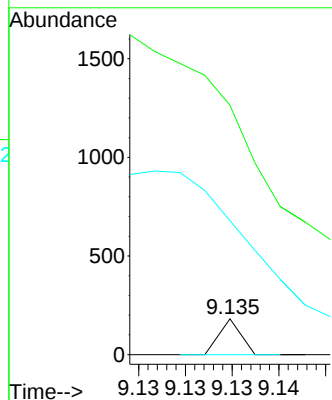
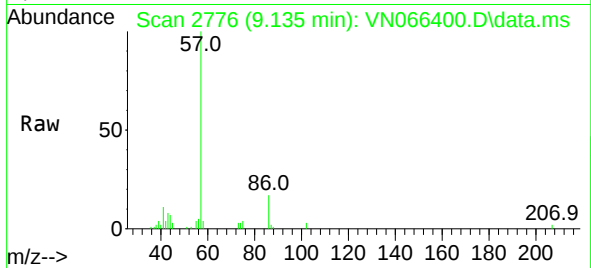




#49
1,4-Dioxane
Concen: 0.40 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

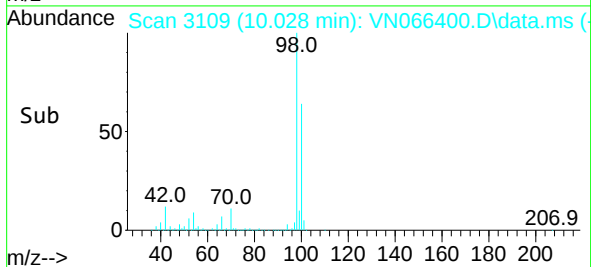
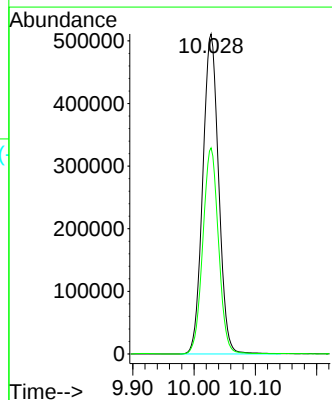
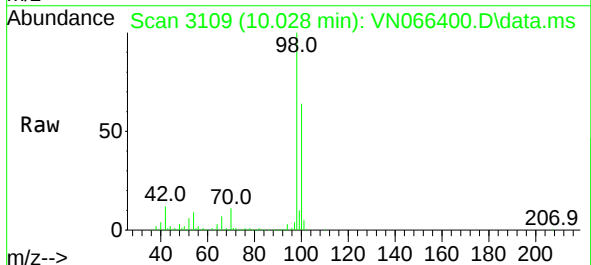
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

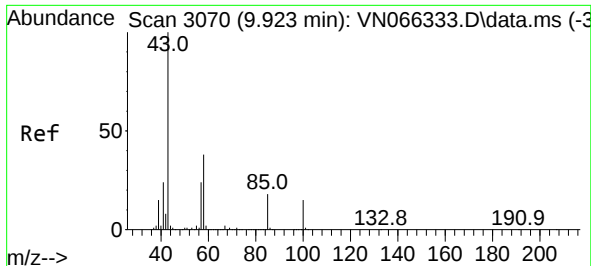
Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 7048.3 56.6 84.8#



#50
Toluene-d8
Concen: 53.90 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 98 Resp: 920330
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7

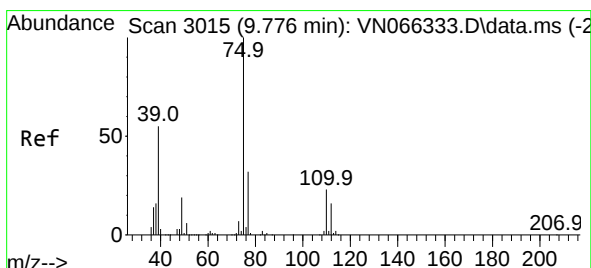
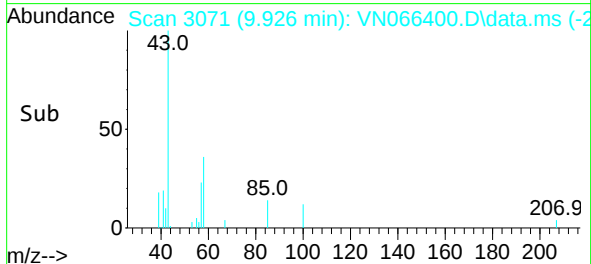
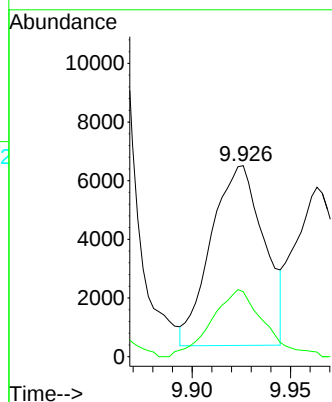
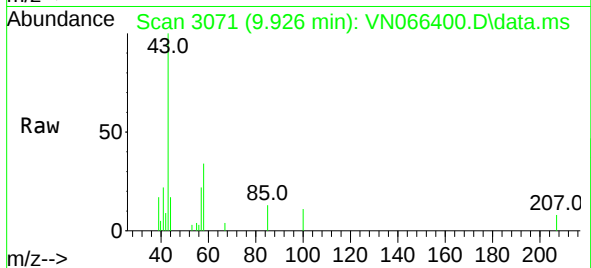




#51
4-Methyl-2-Pentanone
Concen: 1.64 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

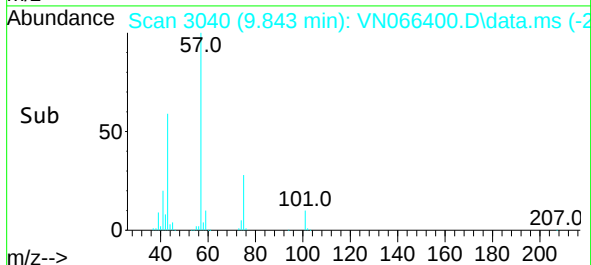
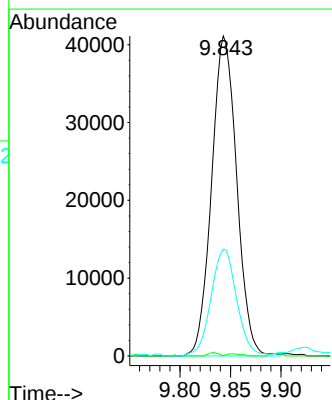
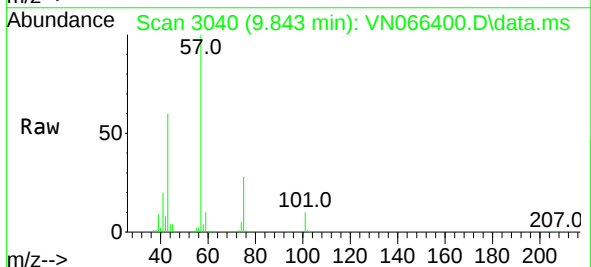
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

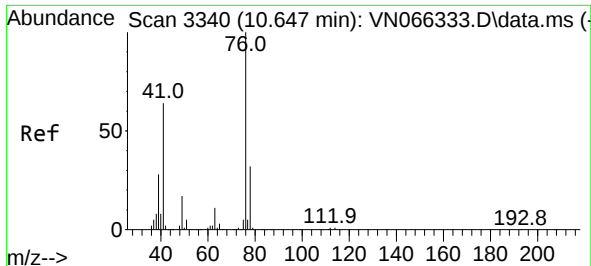
Tgt Ion: 43 Resp: 11482
Ion Ratio Lower Upper
43 100
58 36.8 30.8 46.2



#54
cis-1,3-Dichloropropene
Concen: 8.76 ug/l
RT: 9.843 min Scan# 3040
Delta R.T. 0.067 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 75 Resp: 70974
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#
39 33.4 44.2 66.4#

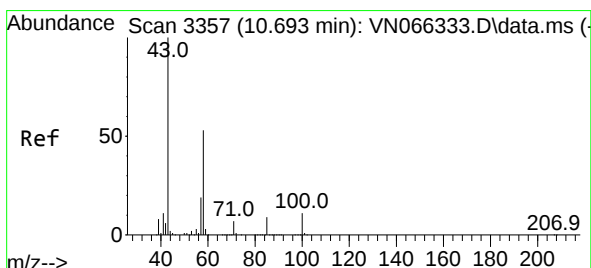
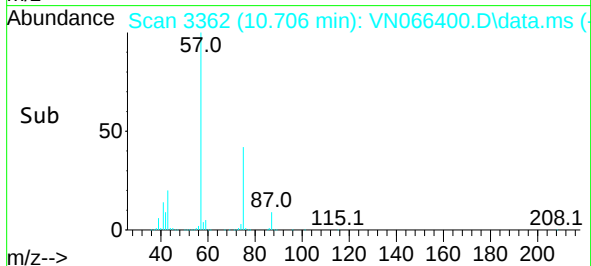
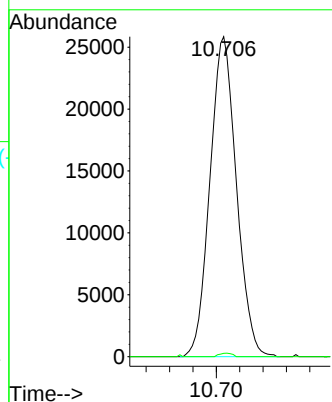
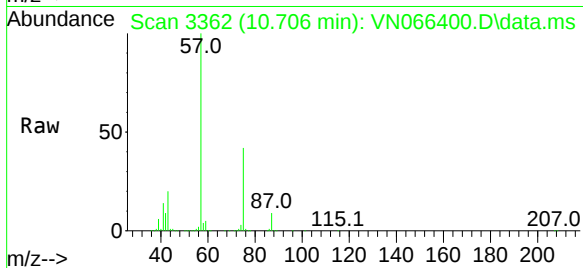




#57
1,3-Dichloropropane
Concen: 5.15 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

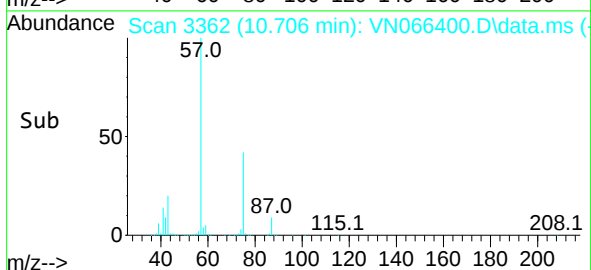
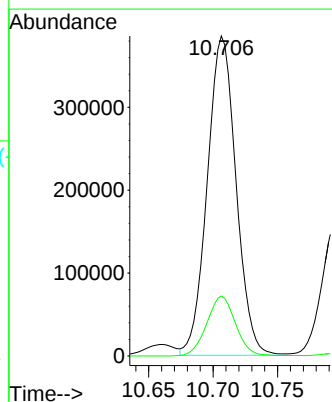
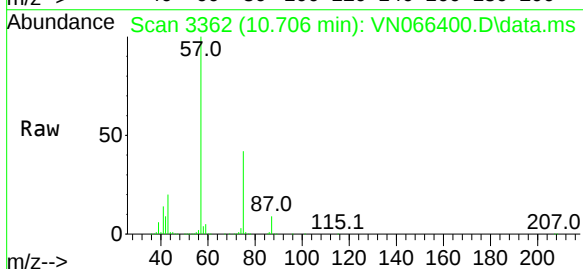
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

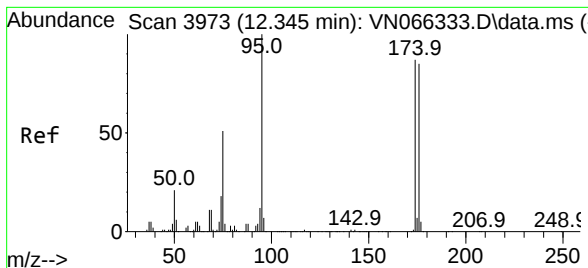
Tgt Ion: 76 Resp: 40675
Ion Ratio Lower Upper
76 100
78 0.5 25.9 38.9#



#59
2-Hexanone
Concen: 121.93 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 43 Resp: 599160
Ion Ratio Lower Upper
43 100
58 18.8 26.6 79.8#

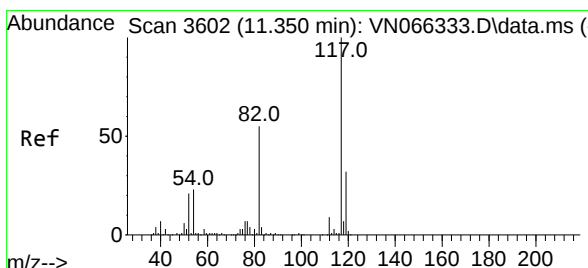
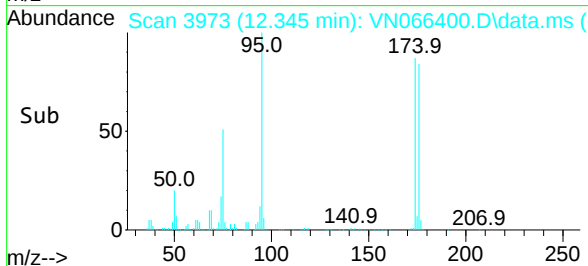
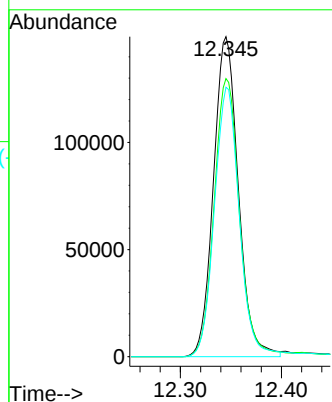
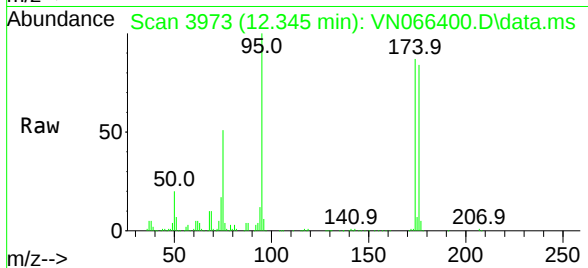




#62
4-Bromofluorobenzene
Concen: 43.09 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

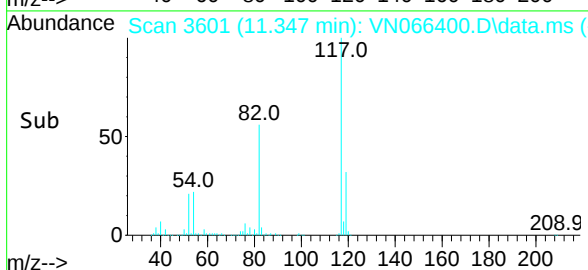
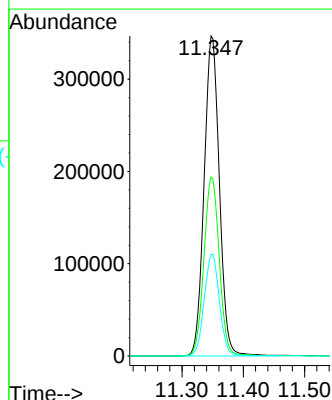
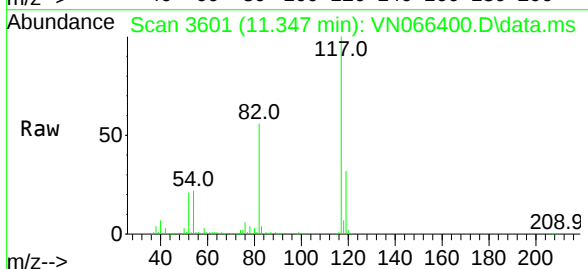
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

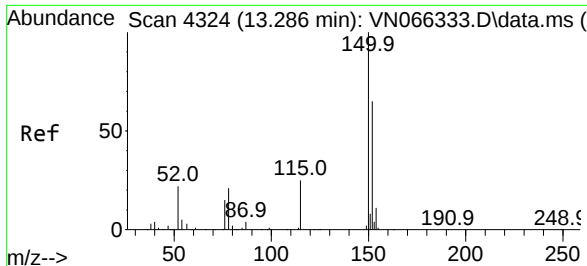
Tgt Ion: 95 Resp: 255569
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.2
176 84.7 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 117 Resp: 600253
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 31.8 25.8 38.6

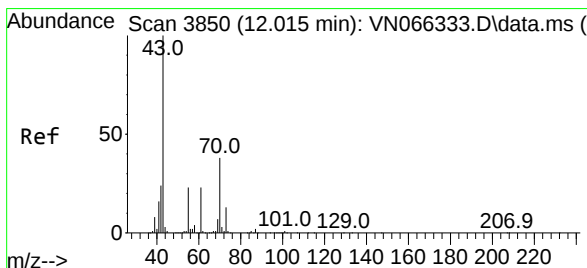
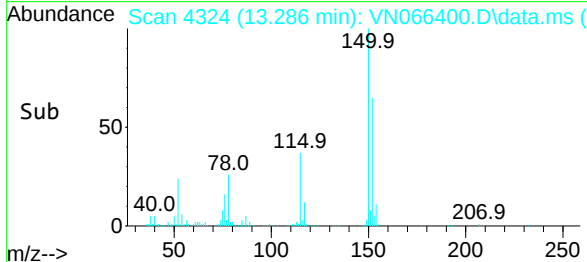
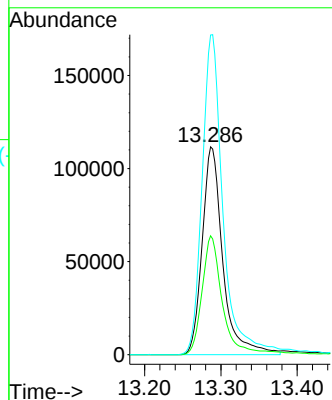
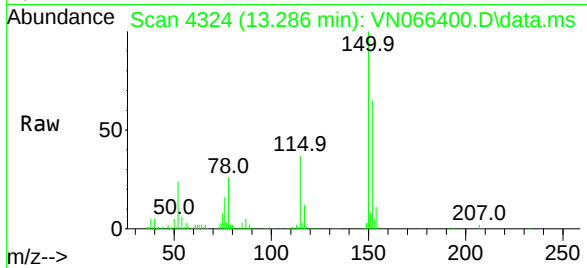




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

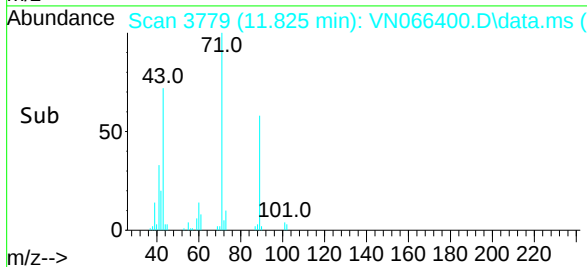
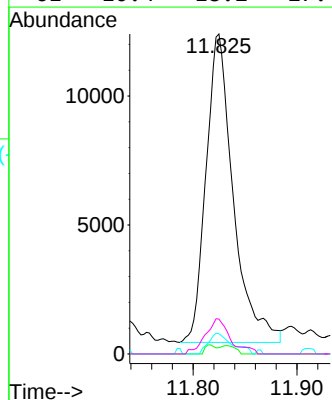
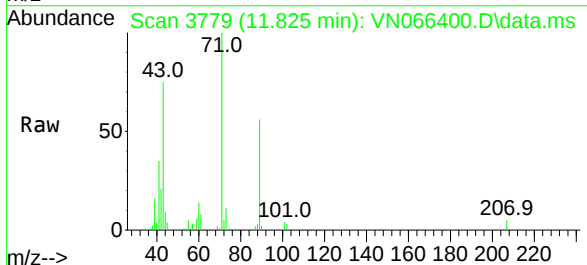
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

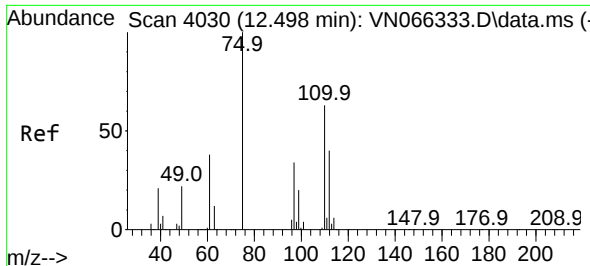
Tgt Ion:152 Resp: 210354
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.4
150 157.0 0.0 348.4



#74
N-ethyl acetate
Concen: 6.51 ug/l
RT: 11.825 min Scan# 3779
Delta R.T. -0.190 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 43 Resp: 21815
Ion Ratio Lower Upper
43 100
70 1.1 31.2 46.8#
55 5.8 18.6 28.0#
61 10.4 18.2 27.4#

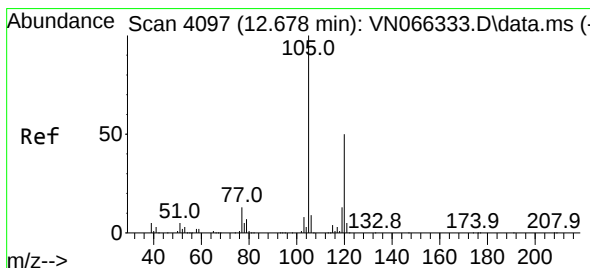
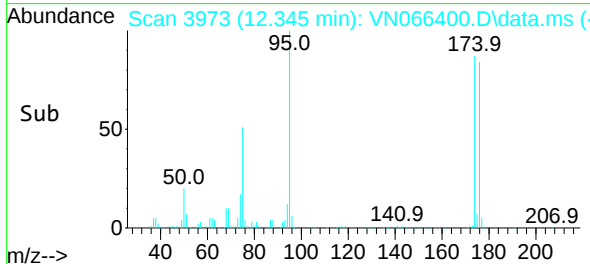
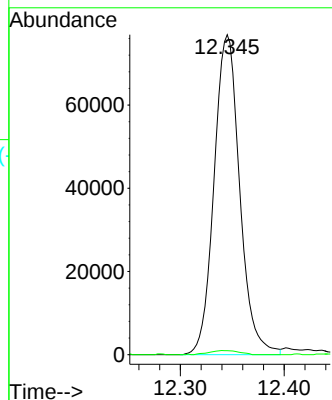
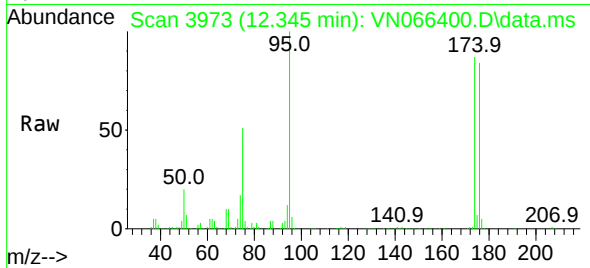




#76
1,2,3-Trichloropropane
Concen: 28.60 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

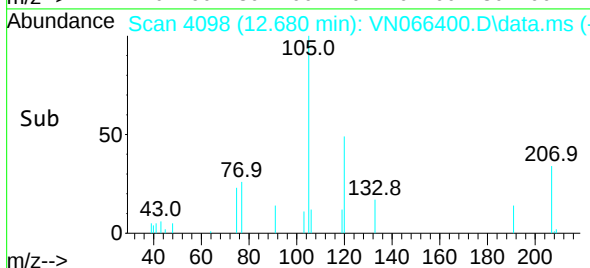
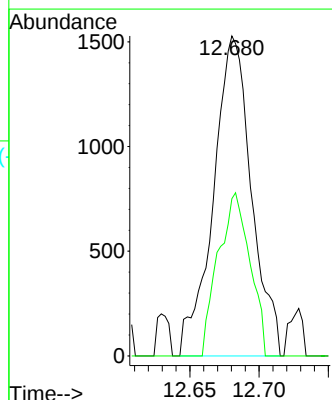
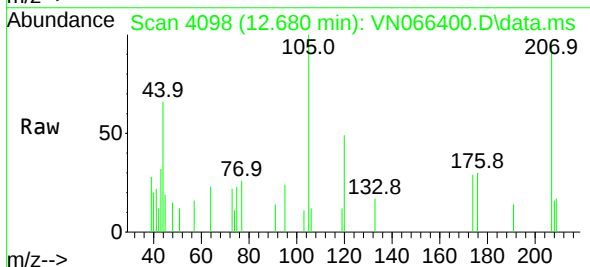
Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

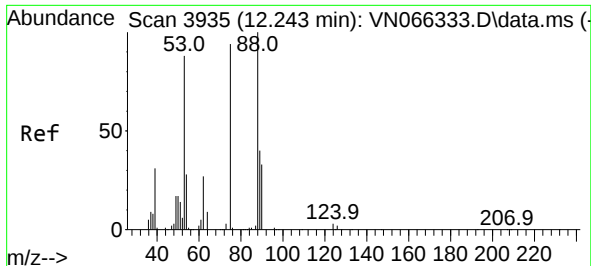
Tgt Ion: 75 Resp: 131989
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.23 ug/l
RT: 12.680 min Scan# 4098
Delta R.T. 0.003 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion:105 Resp: 2926
Ion Ratio Lower Upper
105 100
120 42.2 24.5 73.5

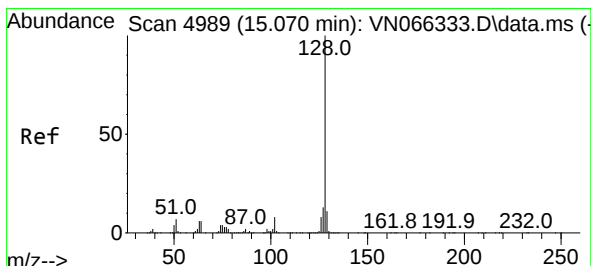
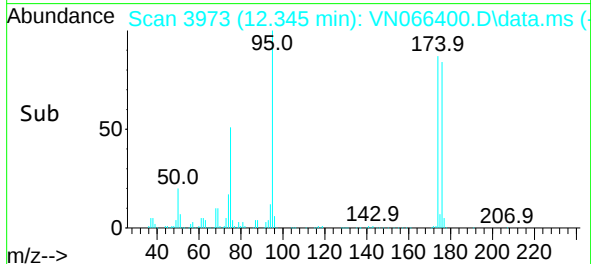
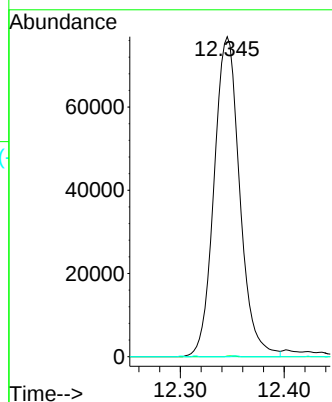
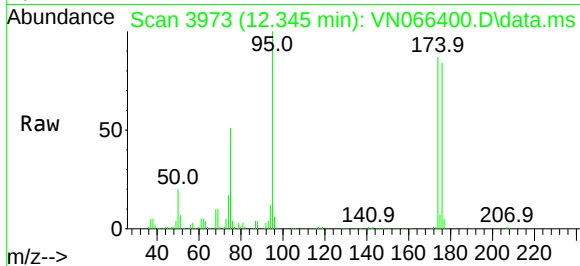




#81
trans-1,4-Dichloro-2-butene
Concen: 85.99 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Instrument :
MSVOA_N
ClientSampleId :
PB135367ZHE#07

Tgt Ion: 75 Resp: 131989
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.1 35.7 53.5#



#95
Naphthalene
Concen: 1.12 ug/l
RT: 15.081 min Scan# 4993
Delta R.T. 0.011 min
Lab File: VN066400.D
Acq: 30 Mar 2021 1:11

Tgt Ion: 128 Resp: 934
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#

