

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066618.D
 Acq On : 15 Apr 2021 17:54
 Operator : JC/MD
 Sample : PB135760TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 07:53:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

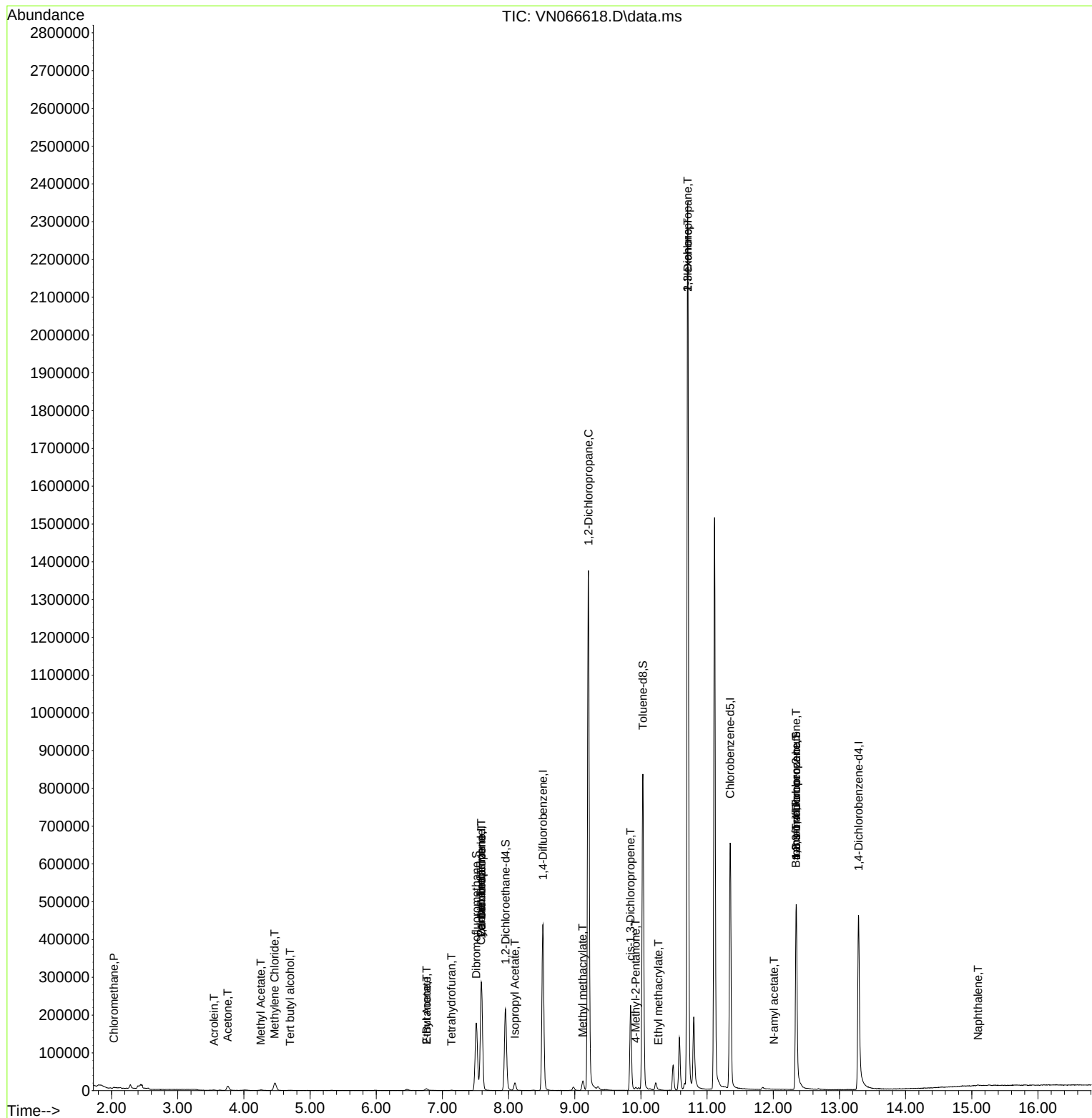
Internal Standards						
1) Pentafluorobenzene	7.588	168	243200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	390799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	379207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	153764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	184696	50.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.68%			
35) Dibromofluoromethane	7.513	113	143522	52.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.92%			
50) Toluene-d8	10.029	98	574347	54.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.14%			
62) 4-Bromofluorobenzene	12.346	95	192978	51.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.34%			
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1399	0.32	ug/l	99
11) Tert butyl alcohol	4.700	59	781	1.33	ug/l #	73
13) Acrolein	3.549	56	855	2.72	ug/l #	45
16) Acetone	3.753	43	20050	7.03	ug/l	94
18) Methyl Acetate	4.255	43	1451	0.37	ug/l	98
20) Methylene Chloride	4.464	84	14728	4.25	ug/l	95
25) 2-Butanone	6.760	43	9469	4.38	ug/l #	88
29) Tetrahydrofuran	7.138	42	941	0.65	ug/l #	32
31) Cyclohexane	7.583	56	5055	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	18490	4.69	ug/l #	43
37) Ethyl Acetate	6.760	43	9469	2.12	ug/l #	68
38) Carbon Tetrachloride	7.588	117	22201	6.02	ug/l #	17
43) Isopropyl Acetate	8.095	43	25888	3.47	ug/l #	86
45) 1,2-Dichloropropane	9.208	63	1481	0.42	ug/l #	44
48) Methyl methacrylate	9.117	41	6802	2.03	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	5497	1.25	ug/l	93
54) cis-1,3-Dichloropropene	9.844	75	39952	7.76	ug/l #	66
56) Ethyl methacrylate	10.265	69	196	0.94	ug/l #	27
57) 1,3-Dichloropropane	10.708	76	22841	4.44	ug/l #	43
59) 2-Hexanone	10.708	43	356784	116.71	ug/l #	49
71) Bromoform	12.344	173	1312	0.58	ug/l #	1
74) N-amyl acetate	12.011	43	221	9.77	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	99794	27.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	99794	85.47	ug/l #	12
88) 1,4-Dichlorobenzene	13.312	146	185	Below Cal	#	25
95) Naphthalene	15.093	128	3432	0.44	ug/l #	69

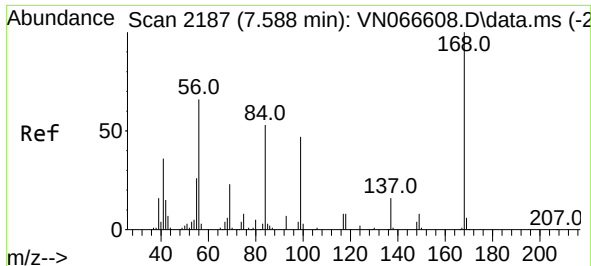
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
Data File : VN066618.D
Acq On : 15 Apr 2021 17:54
Operator : JC/MD
Sample : PB135760TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 16 07:53:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

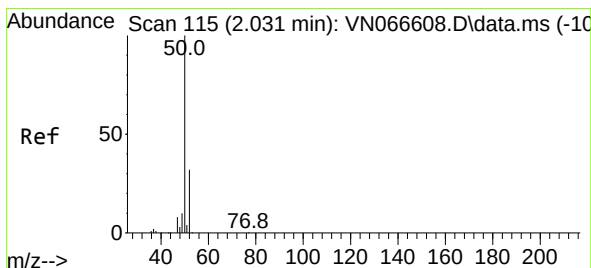
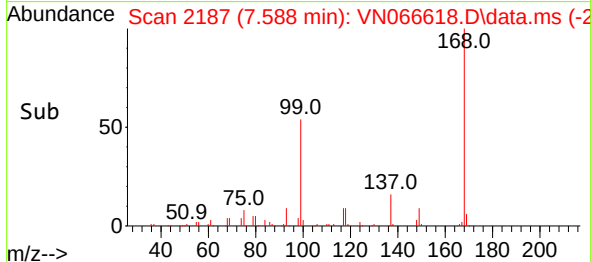
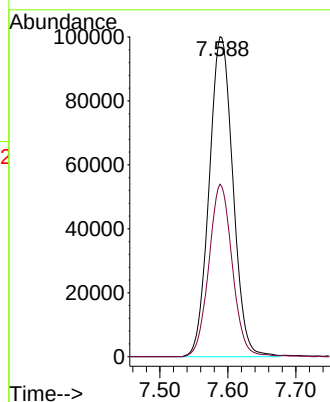
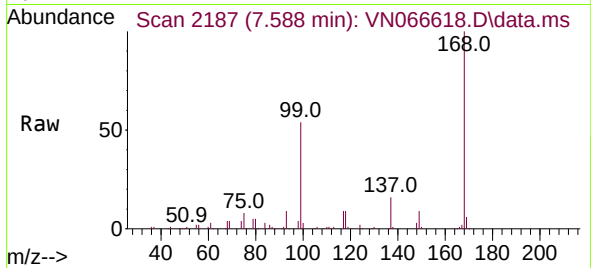




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

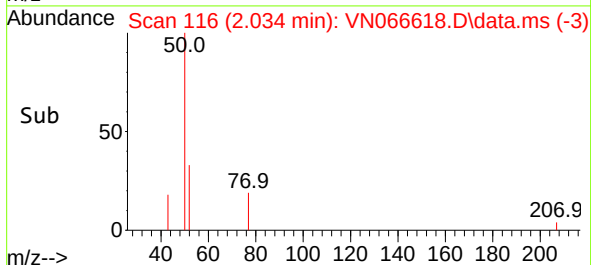
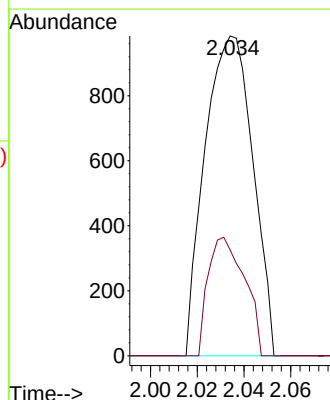
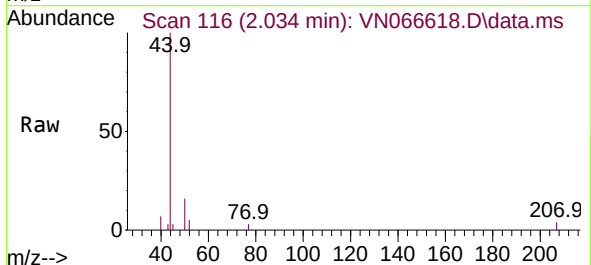
Instrument :
MSVOA_N
ClientSampleId :

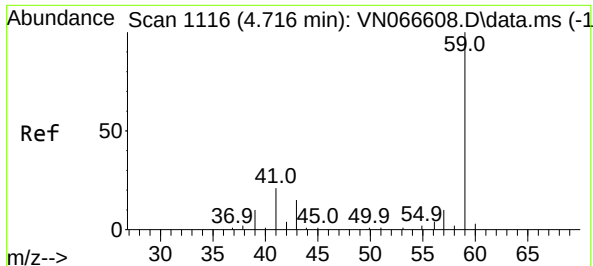
Tgt Ion:168 Resp: 243200
Ion Ratio Lower Upper
168 100
99 53.9 42.6 63.8



#3
Chloromethane
Concen: 0.32 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.003 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion: 50 Resp: 1399
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.8



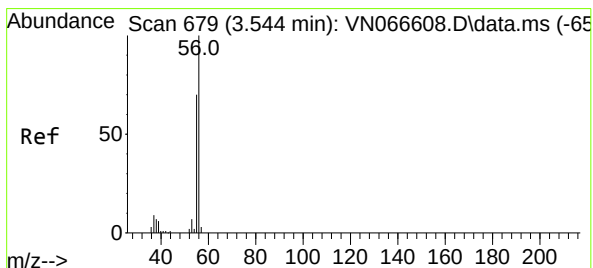
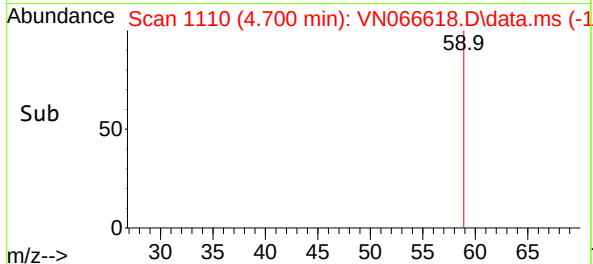
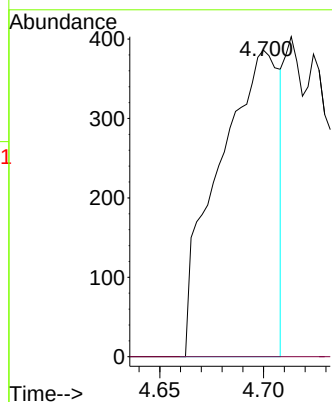
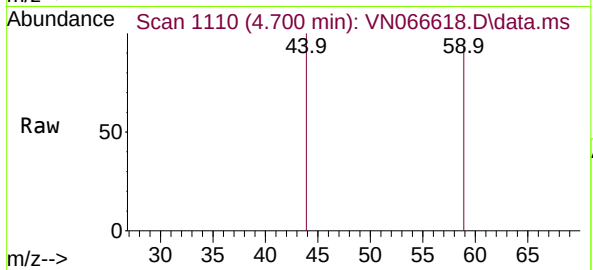


#11

Tert butyl alcohol
Concen: 1.33 ug/l
RT: 4.700 min Scan# 1110
Delta R.T. -0.016 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Instrument :
MSVOA_N
ClientSampled :

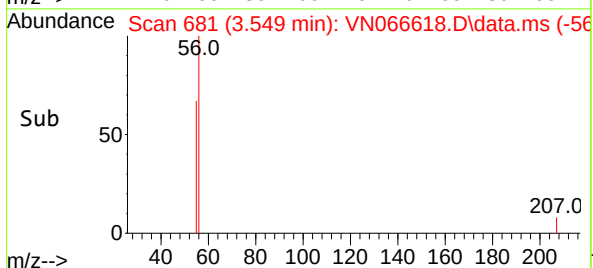
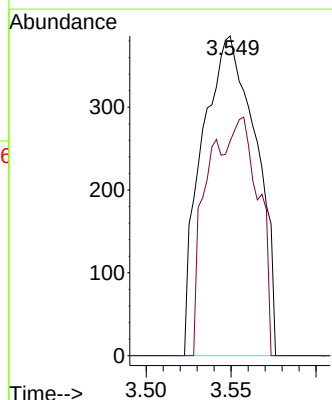
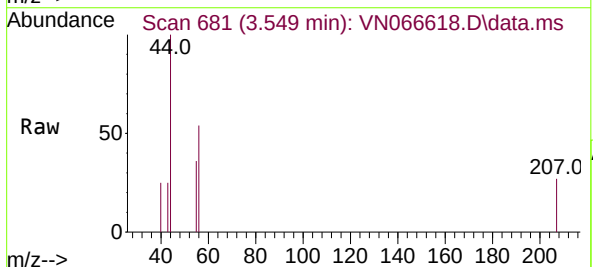
Tgt Ion: 59 Resp: 781
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

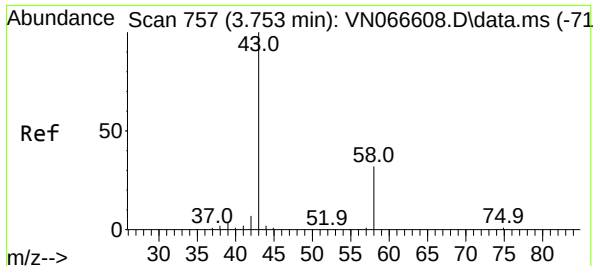


#13

Acrolein
Concen: 2.72 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.005 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion: 56 Resp: 855
Ion Ratio Lower Upper
56 100
55 25.1 56.0 84.0#

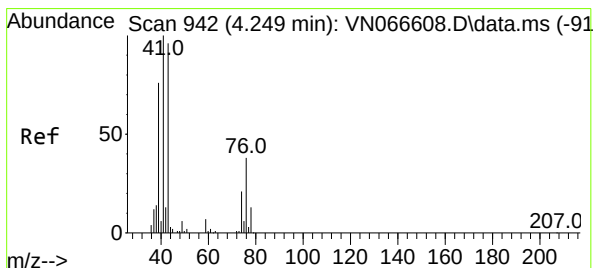
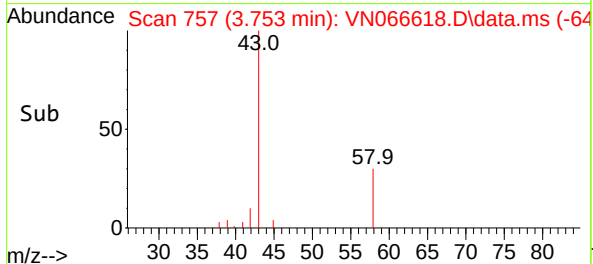
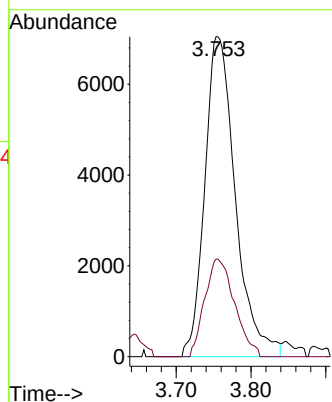
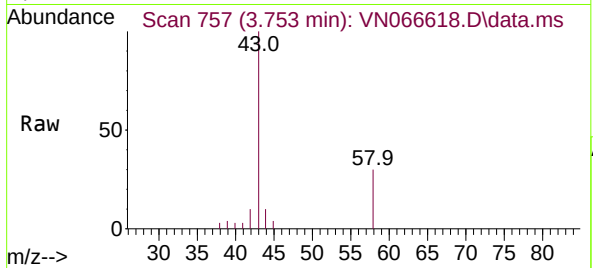




#16
Acetone
Concen: 7.03 ug/l
RT: 3.753 min Scan# 757
Delta R.T. 0.000 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

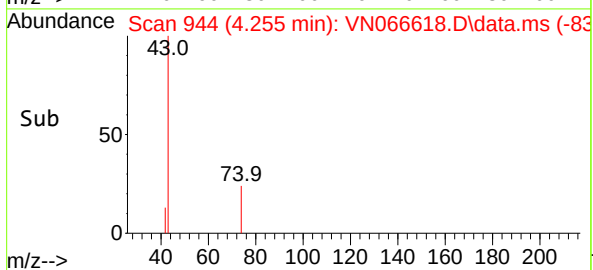
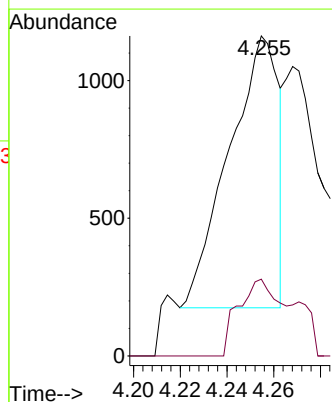
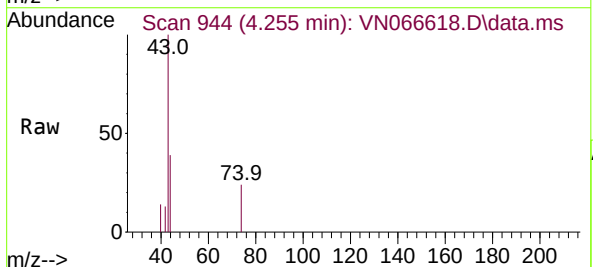
Instrument :
MSVOA_N
ClientSampled :

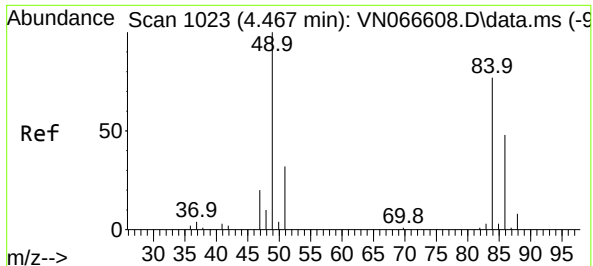
Tgt Ion: 43 Resp: 20050
Ion Ratio Lower Upper
43 100
58 30.5 27.0 40.6



#18
Methyl Acetate
Concen: 0.37 ug/l
RT: 4.255 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
74 23.4 19.5 29.3





#20

Methylene Chloride

Concen: 4.25 ug/l

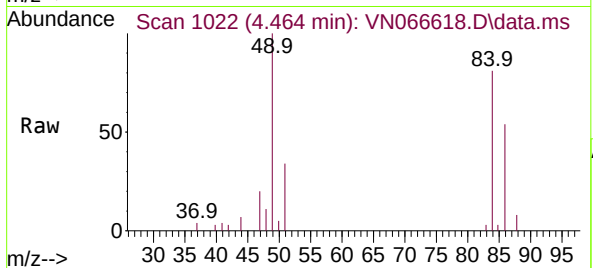
RT: 4.464 min Scan# 1022

Delta R.T. -0.003 min

Lab File: VN066618.D

Acq: 15 Apr 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 14728

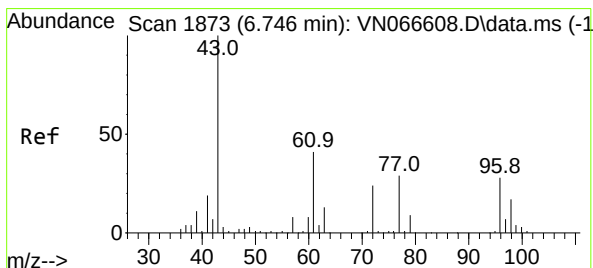
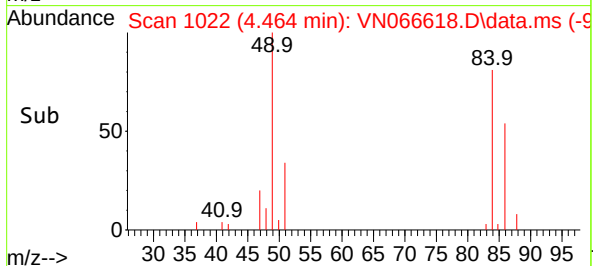
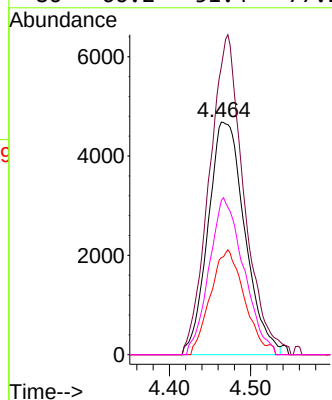
Ion Ratio Lower Upper

84 100

49 123.7 94.6 141.8

51 41.8 29.9 44.9

86 66.2 51.4 77.2



#25

2-Butanone

Concen: 4.38 ug/l

RT: 6.760 min Scan# 1878

Delta R.T. 0.014 min

Lab File: VN066618.D

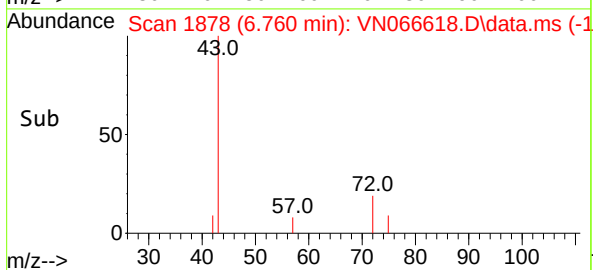
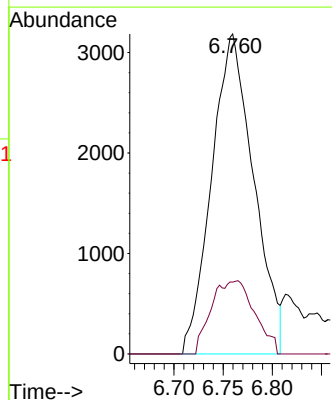
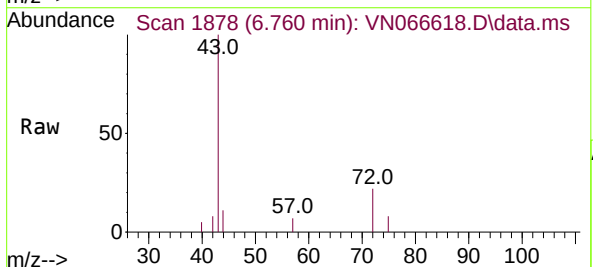
Acq: 15 Apr 2021 17:54

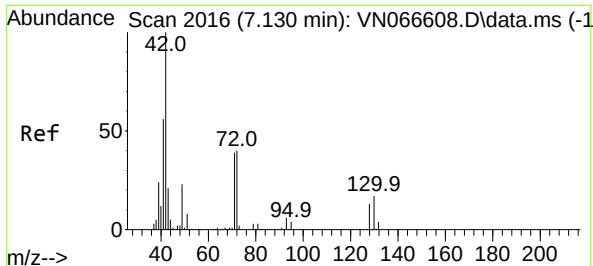
Tgt Ion: 43 Resp: 9469

Ion Ratio Lower Upper

43 100

72 22.4 23.1 34.7#





#29

Tetrahydrofuran

Concen: 0.65 ug/l

RT: 7.138 min Scan# 2019

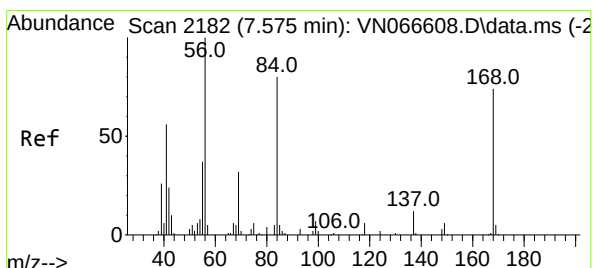
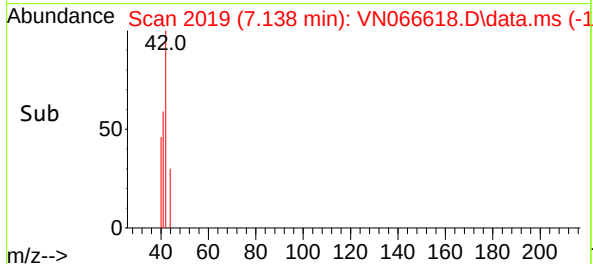
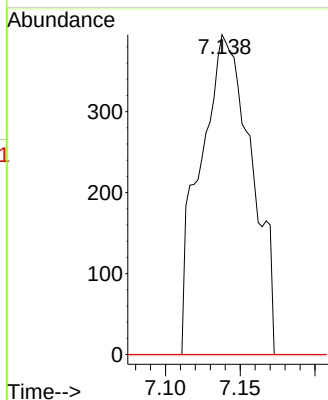
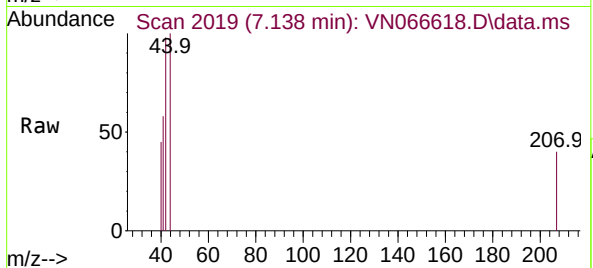
Delta R.T. 0.008 min

Lab File: VN066618.D

Acq: 15 Apr 2021 17:54

Tgt Ion:	42	Resp:	941
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

Instrument :
MSVOA_N
ClientSampleId :



#31

Cyclohexane

Concen: 0.96 ug/l

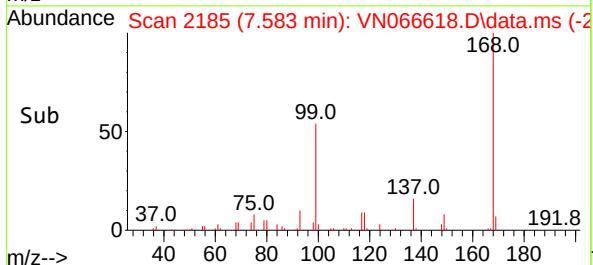
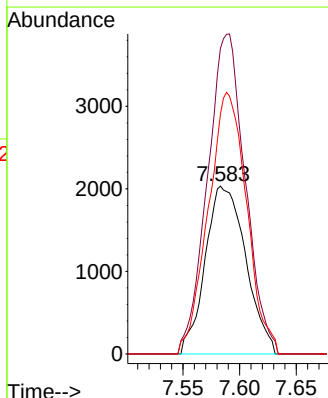
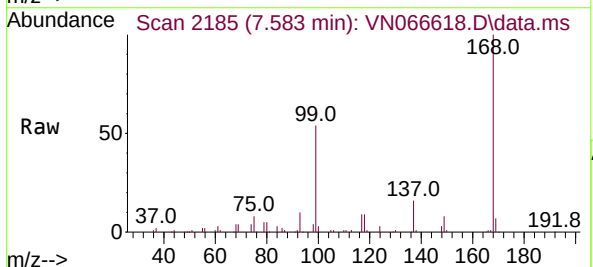
RT: 7.583 min Scan# 2185

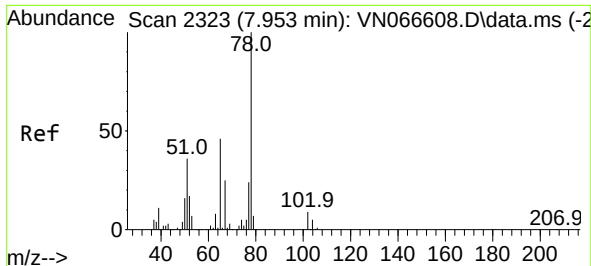
Delta R.T. 0.008 min

Lab File: VN066618.D

Acq: 15 Apr 2021 17:54

Tgt Ion:	56	Resp:	5055
Ion	Ratio	Lower	Upper
56	100		
69	182.2	26.6	39.8#
84	142.8	70.4	105.6#

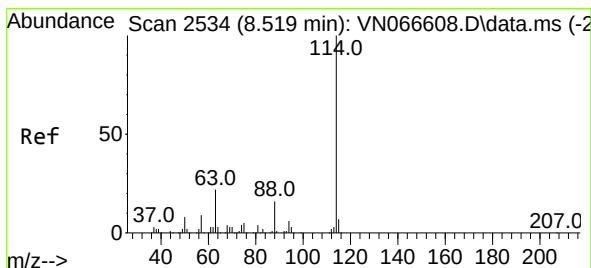
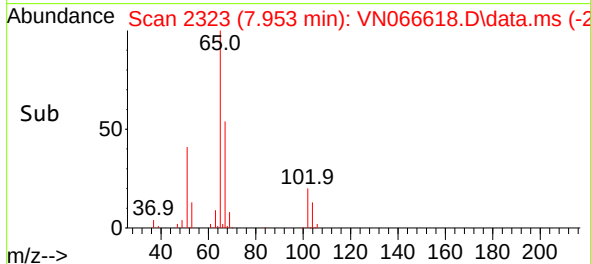
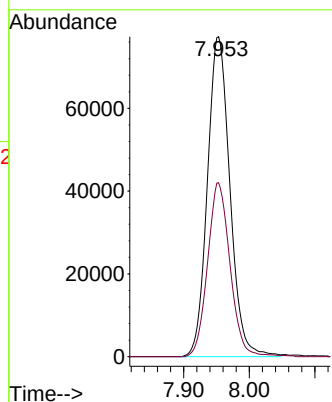
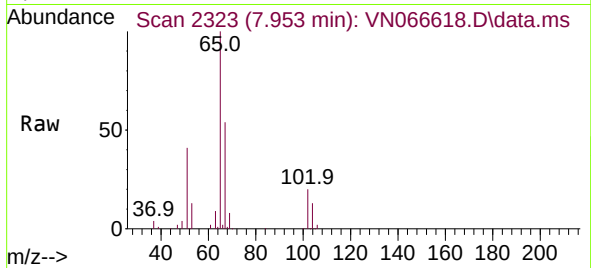




#33
 1,2-Dichloroethane-d4
 Concen: 50.34 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VN066618.D
 Acq: 15 Apr 2021 17:54

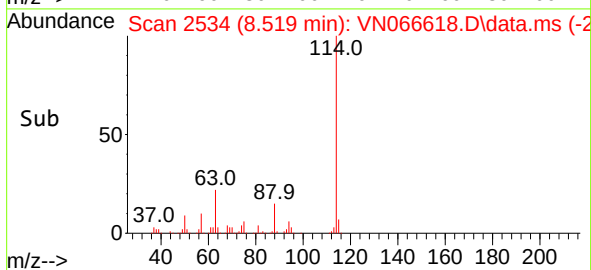
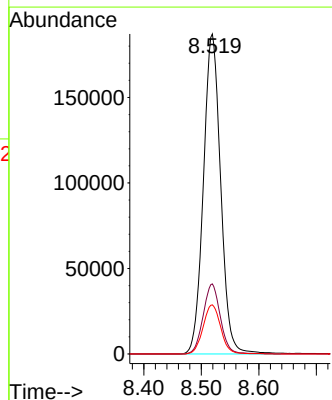
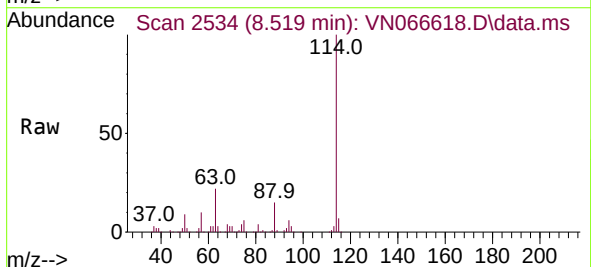
Instrument :
 MSVOA_N
 ClientSampleId :

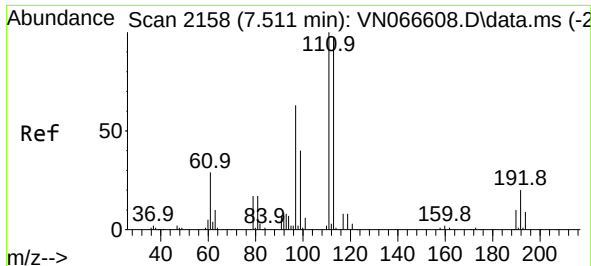
Tgt Ion: 65 Resp: 184696
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: VN066618.D
 Acq: 15 Apr 2021 17:54

Tgt Ion: 114 Resp: 390799
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 38.6
 88 15.3 0.0 30.6

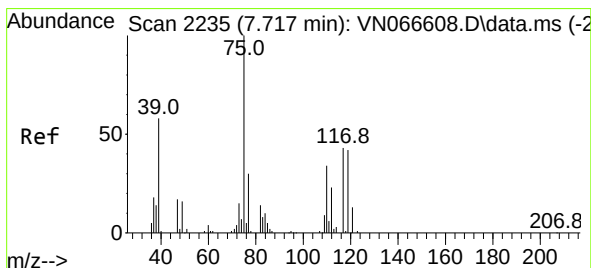
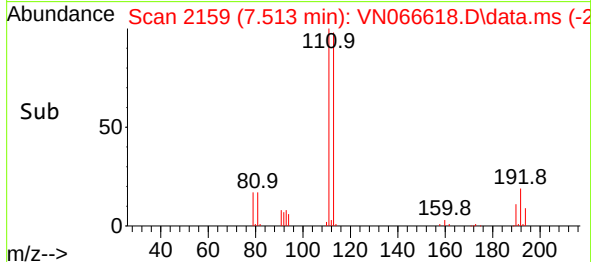
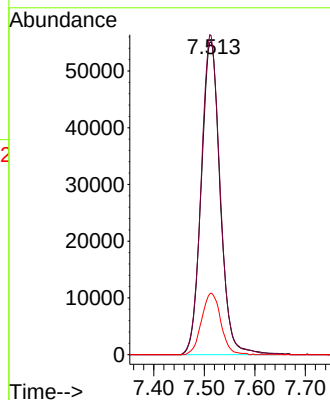
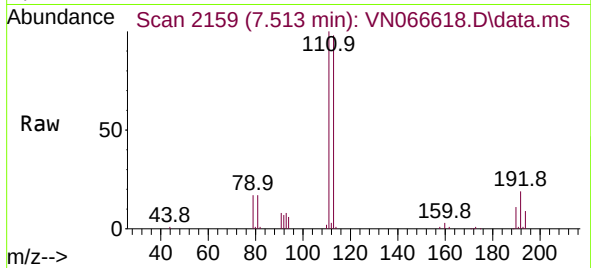




#35
Dibromofluoromethane
Concen: 52.96 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

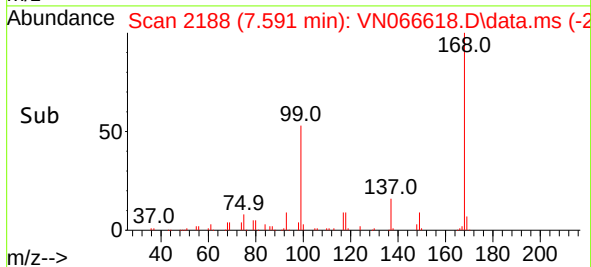
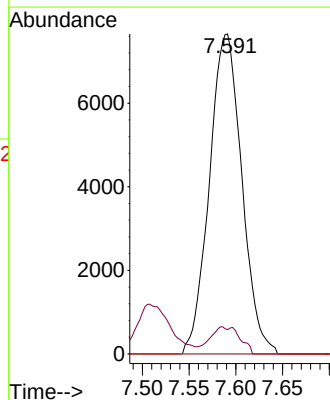
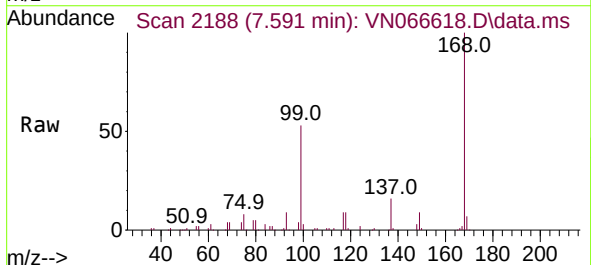
Instrument :
MSVOA_N
ClientSampleId :

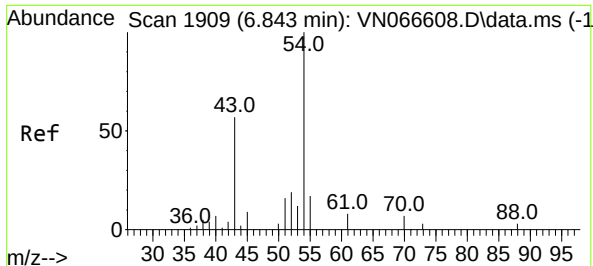
Tgt Ion:113 Resp: 143522
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion: 75 Resp: 18490
Ion Ratio Lower Upper
75 100
110 2.9 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 2.12 ug/l

RT: 6.760 min Scan# 1878

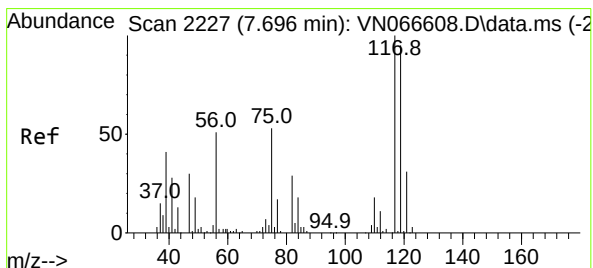
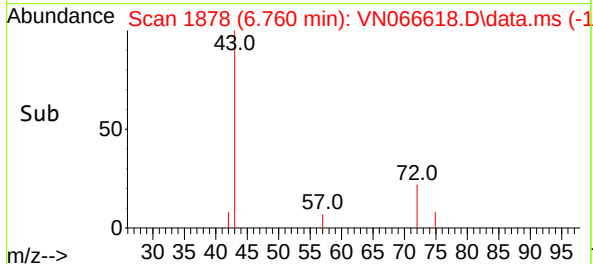
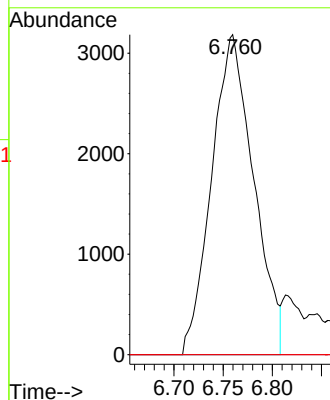
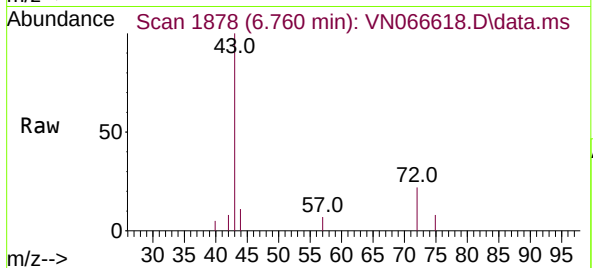
Delta R.T. -0.083 min

Lab File: VN066618.D

Acq: 15 Apr 2021 17:54

Tgt Ion:	43	Resp:	9469
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.02 ug/l

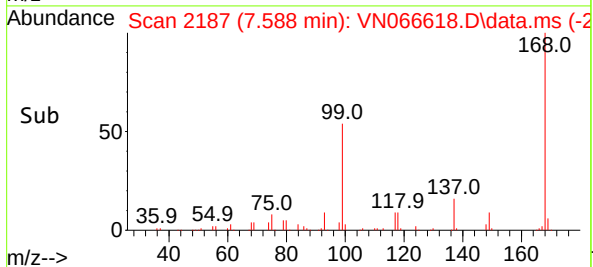
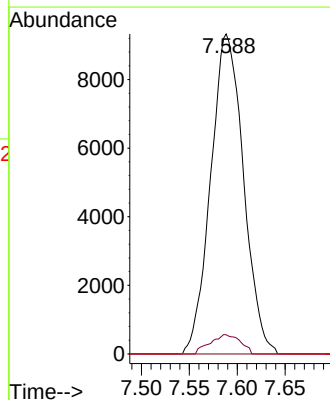
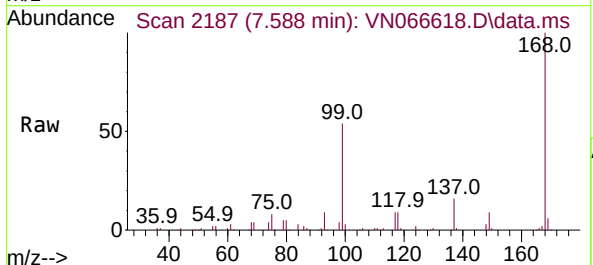
RT: 7.588 min Scan# 2187

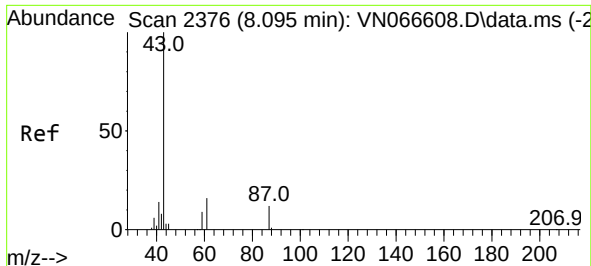
Delta R.T. -0.108 min

Lab File: VN066618.D

Acq: 15 Apr 2021 17:54

Tgt Ion:	117	Resp:	22201
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.0	114.0#
121	0.0	24.5	36.7#

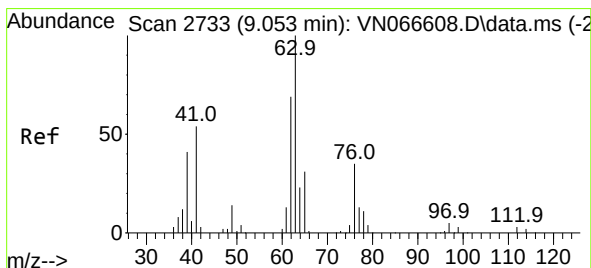
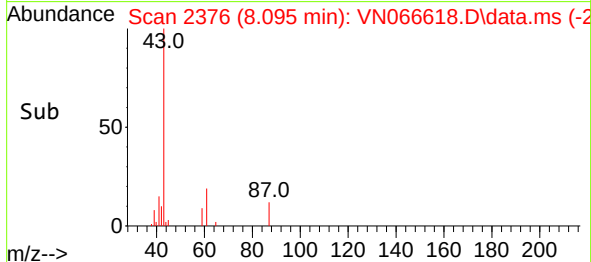
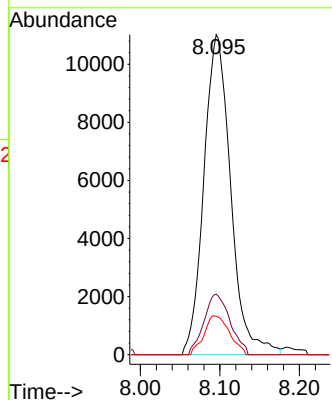
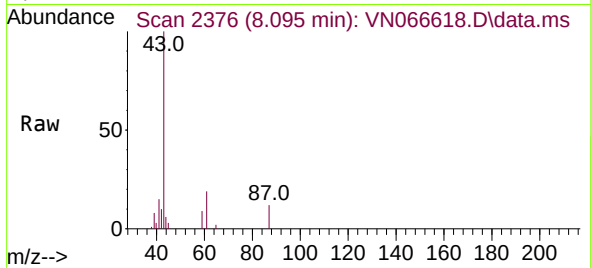




#43
Isopropyl Acetate
Concen: 3.47 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

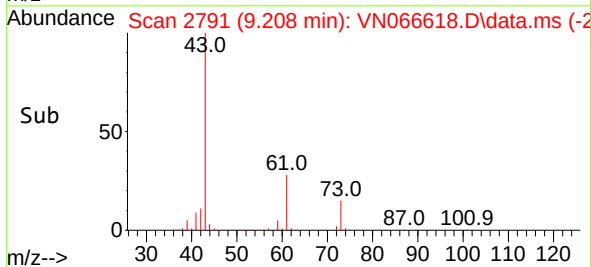
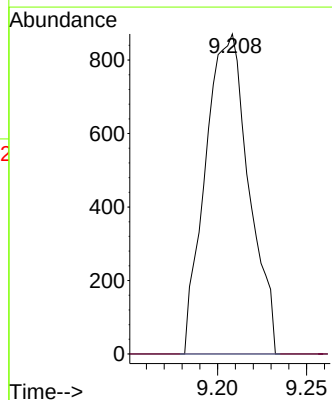
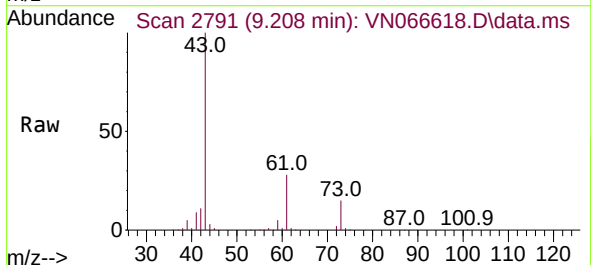
Instrument :
MSVOA_N
ClientSampleId :

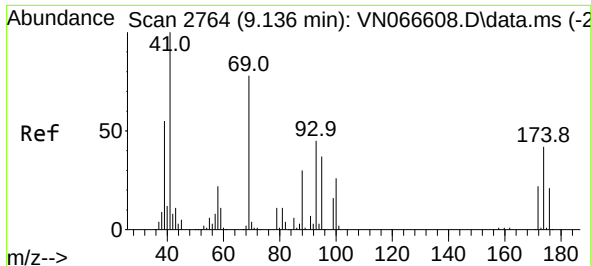
Tgt Ion: 43 Resp: 25888
Ion Ratio Lower Upper
43 100
61 18.4 22.5 33.7#
87 11.5 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.208 min Scan# 2791
Delta R.T. 0.155 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion: 63 Resp: 1481
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#





#48

Methyl methacrylate

Concen: 2.03 ug/l

RT: 9.117 min Scan# 2757

Delta R.T. -0.019 min

Lab File: VN066618.D

Acq: 15 Apr 2021 17:54

Tgt Ion: 41 Resp: 6802

Ion Ratio Lower Upper

41 100

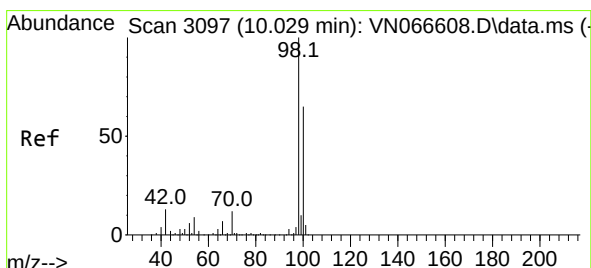
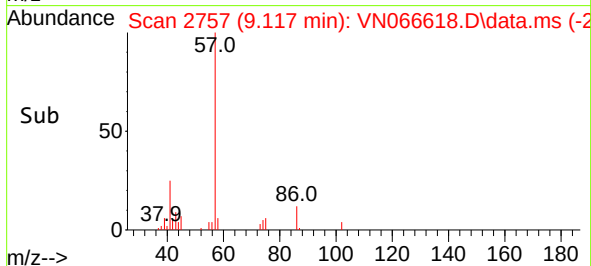
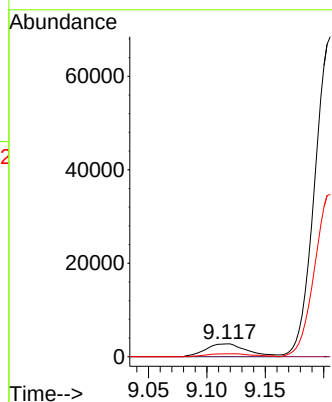
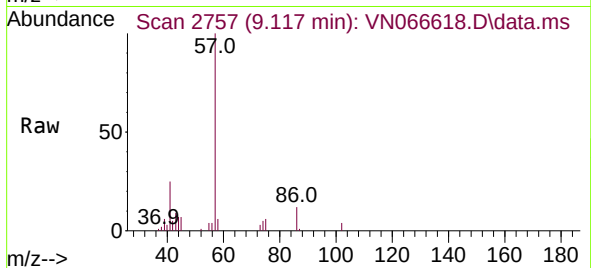
69 0.0 75.9 113.9#

39 0.0 46.6 69.8#

Instrument :

MSVOA_N

ClientSampleId :



#50

Toluene-d8

Concen: 54.07 ug/l

RT: 10.029 min Scan# 3097

Delta R.T. -0.000 min

Lab File: VN066618.D

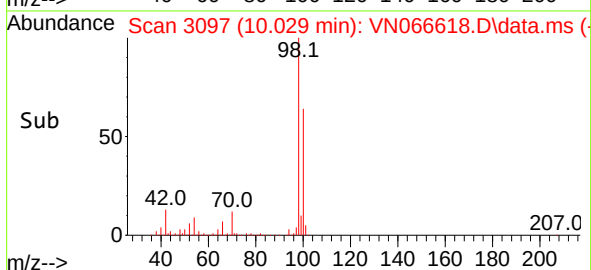
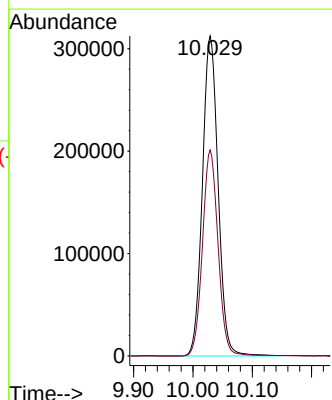
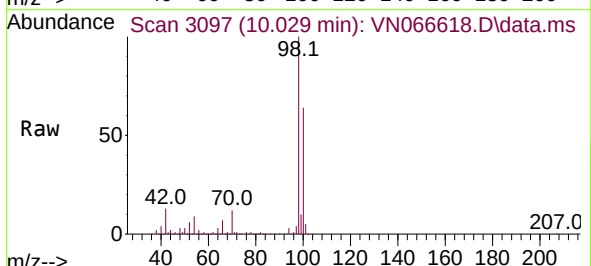
Acq: 15 Apr 2021 17:54

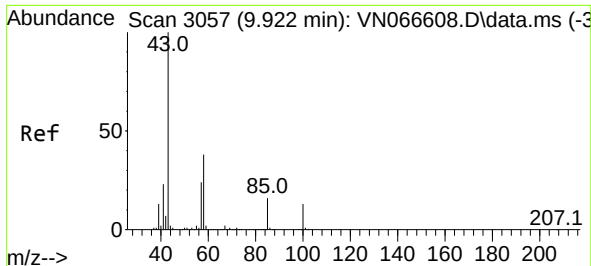
Tgt Ion: 98 Resp: 574347

Ion Ratio Lower Upper

98 100

100 63.8 50.5 75.7

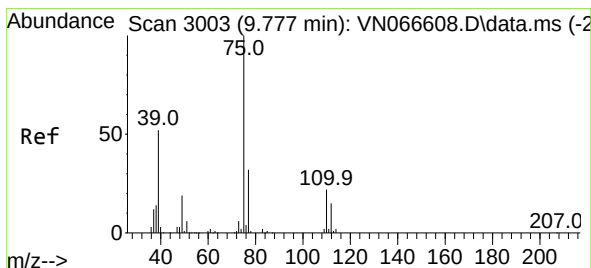
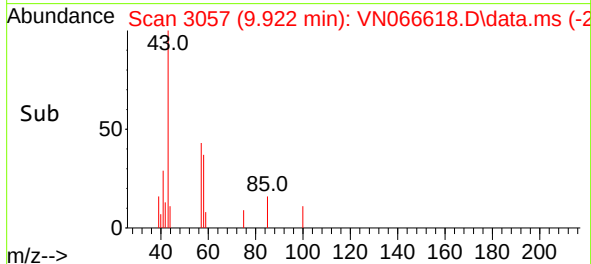
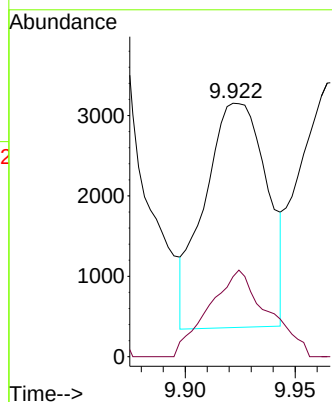
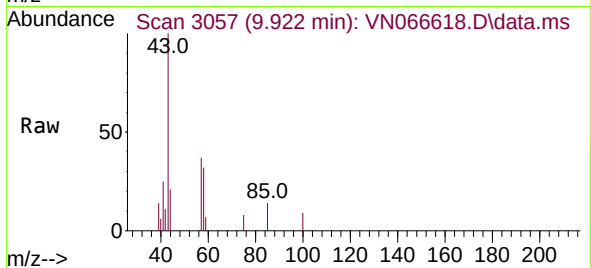




#51
4-Methyl-2-Pentanone
Concen: 1.25 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

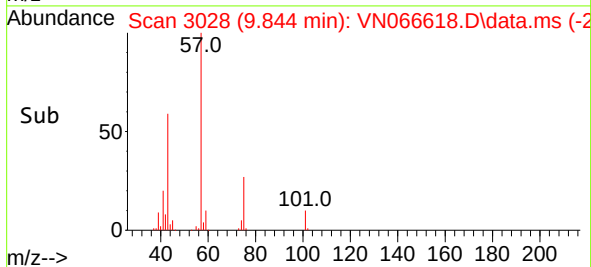
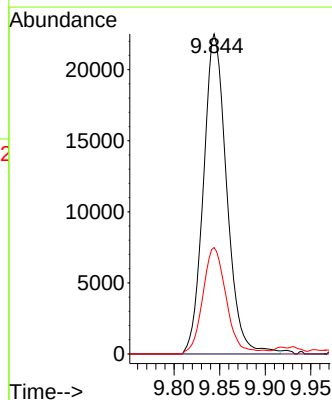
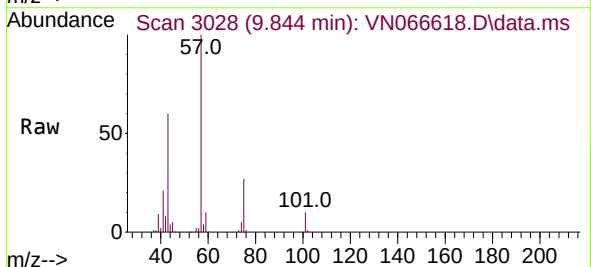
Instrument :
MSVOA_N
ClientSampleId :

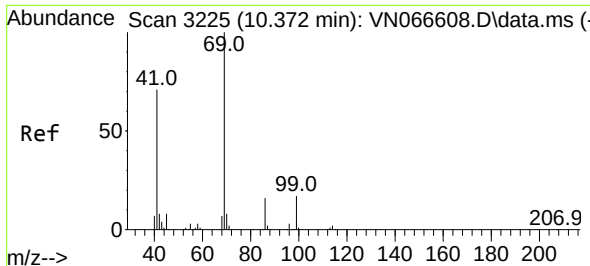
Tgt Ion: 43 Resp: 5497
Ion Ratio Lower Upper
43 100
58 36.5 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.76 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

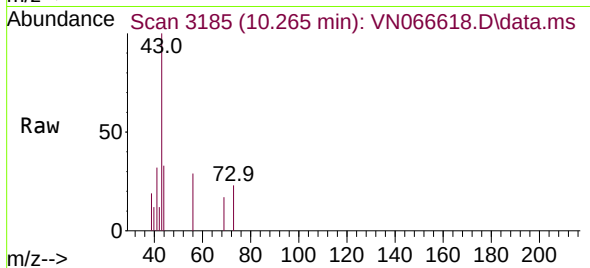
Tgt Ion: 75 Resp: 39952
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 33.2 36.2 54.4#



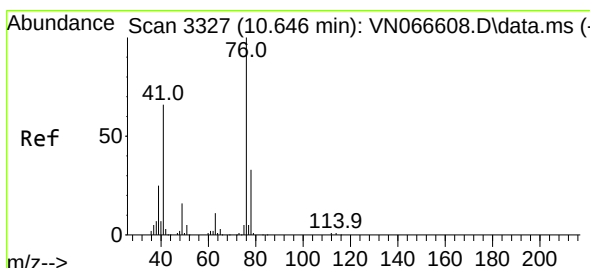
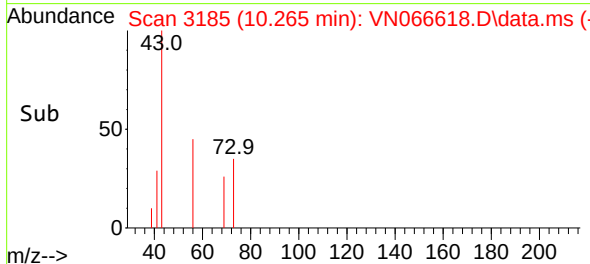
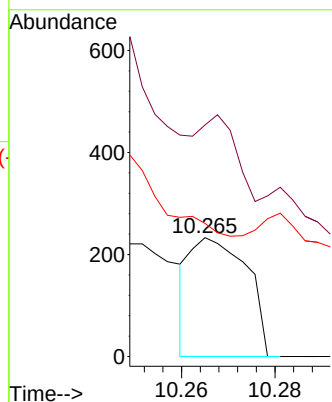


#56
Ethyl methacrylate
Concen: 0.94 ug/l
RT: 10.265 min Scan# 3185
Delta R.T. -0.107 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :

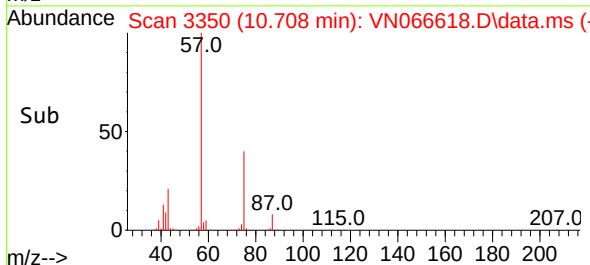
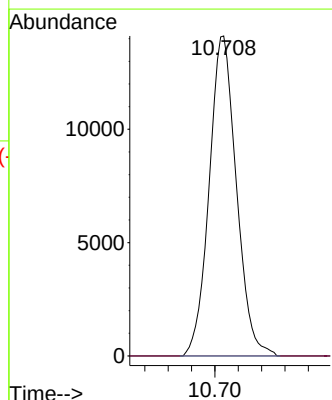
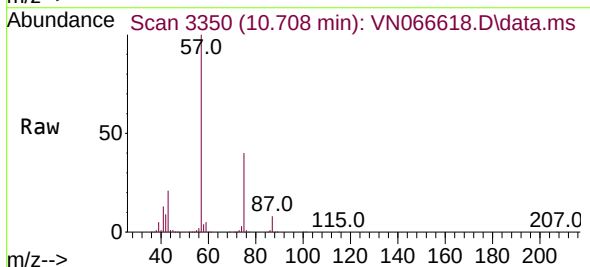


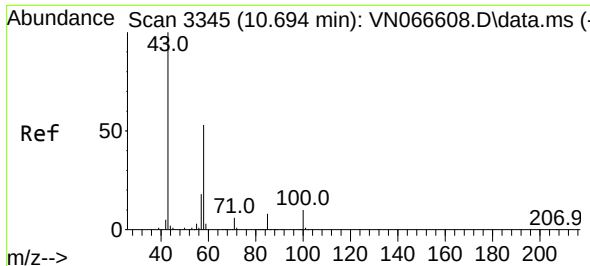
Tgt Ion: 69 Resp: 196
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.44 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.062 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion: 76 Resp: 22841
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

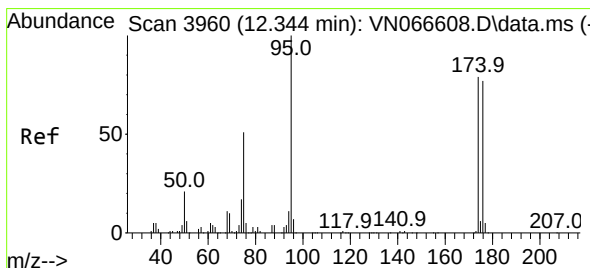
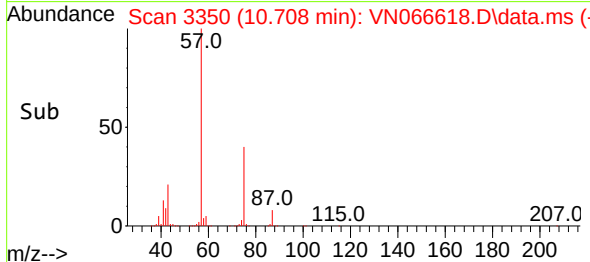
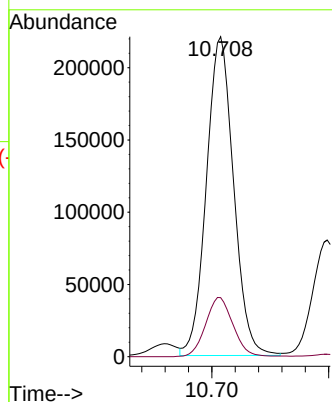
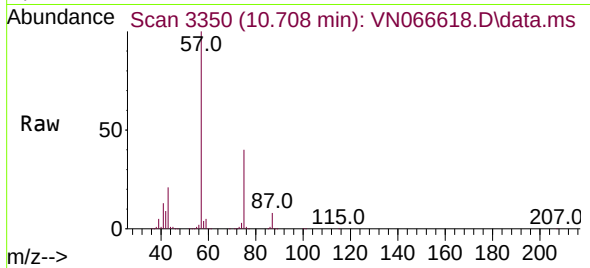




#59
2-Hexanone
Concen: 116.71 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.014 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

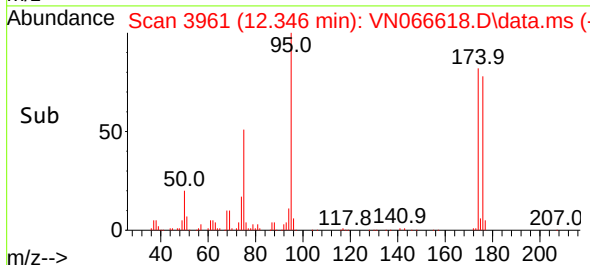
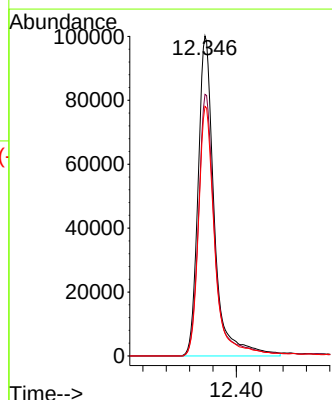
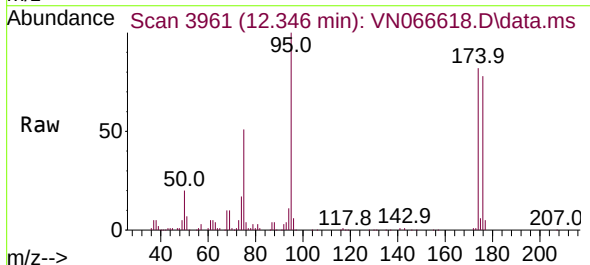
Instrument :
MSVOA_N
ClientSampleId :

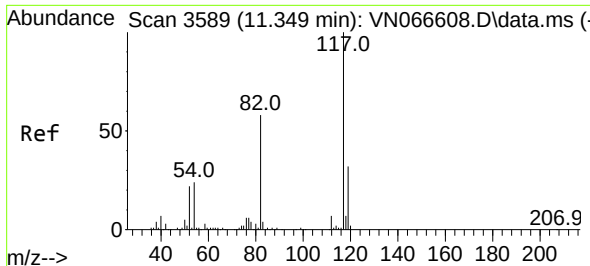
Tgt Ion: 43 Resp: 356784
Ion Ratio Lower Upper
43 100
58 18.8 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 51.67 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

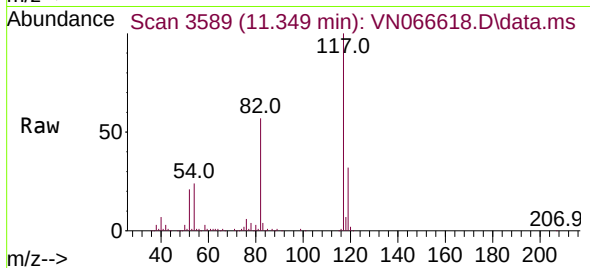
Tgt Ion: 95 Resp: 192978
Ion Ratio Lower Upper
95 100
174 82.6 0.0 169.0
176 78.1 0.0 162.4



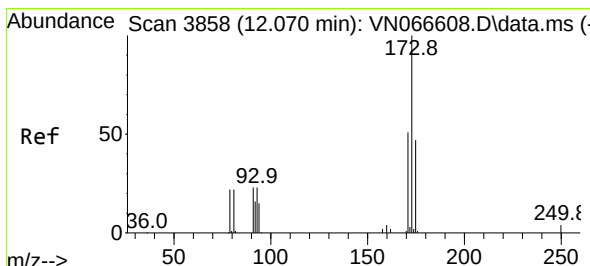
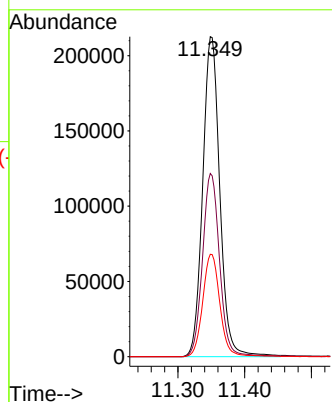
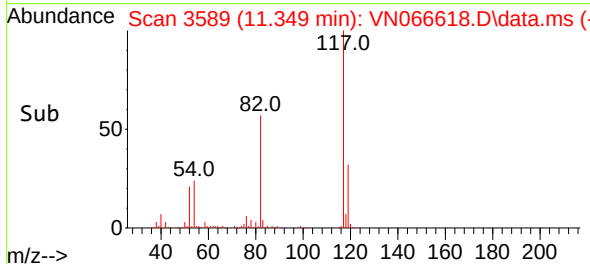


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

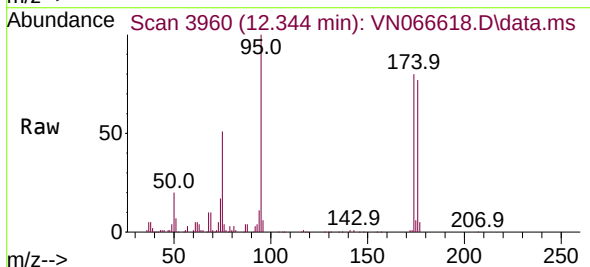
Instrument :
MSVOA_N
ClientSampleId :



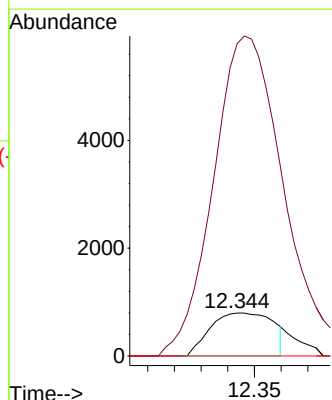
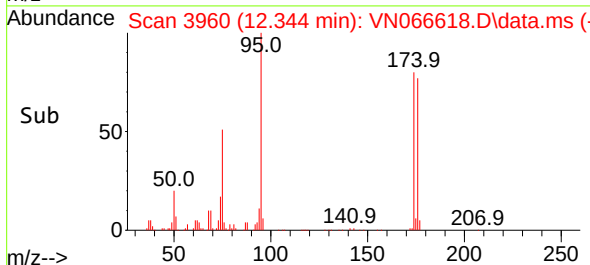
Tgt Ion:117 Resp: 379207
Ion Ratio Lower Upper
117 100
82 57.3 43.7 65.5
119 32.0 26.1 39.1

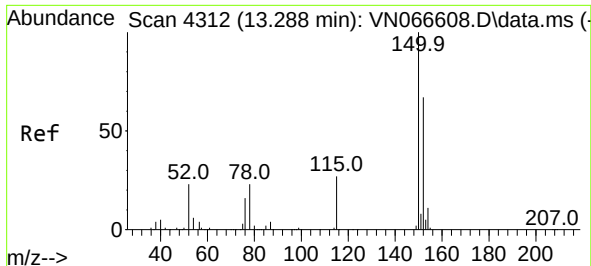


#71
Bromoform
Concen: 0.58 ug/l
RT: 12.344 min Scan# 3960
Delta R.T. 0.274 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54



Tgt Ion:173 Resp: 1312
Ion Ratio Lower Upper
173 100
175 697.3 23.8 71.2#
254 0.0 0.0 0.0

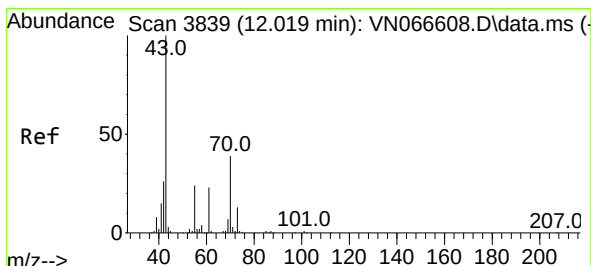
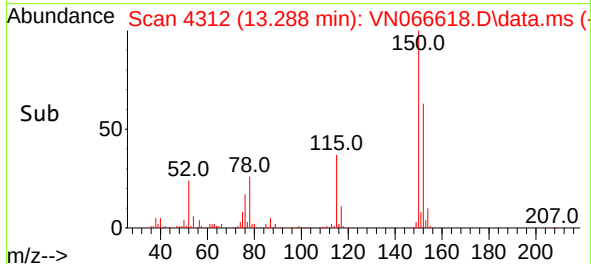
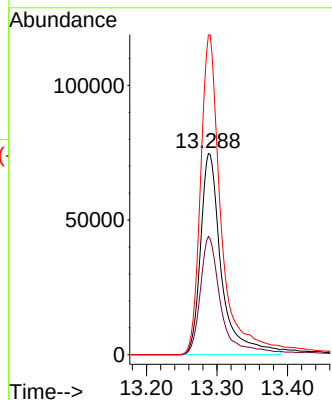
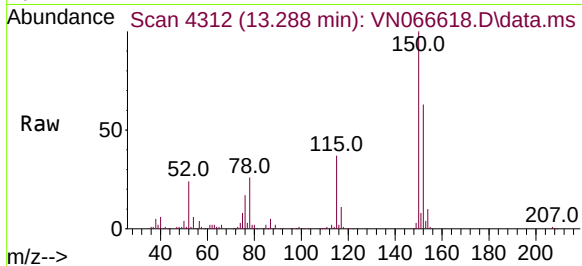




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

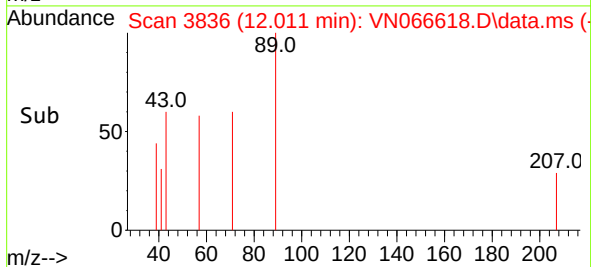
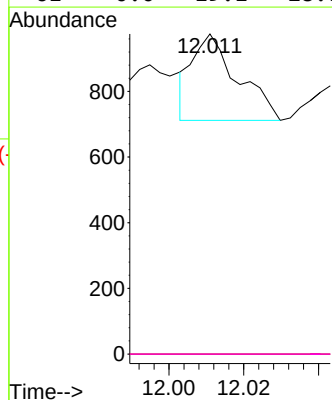
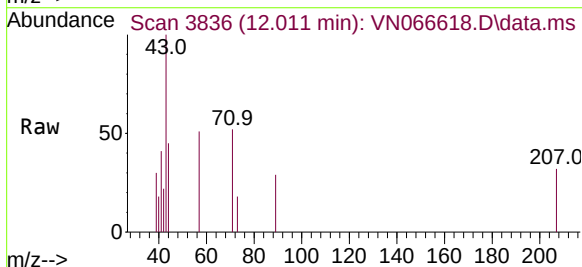
Instrument :
MSVOA_N
ClientSampleId :

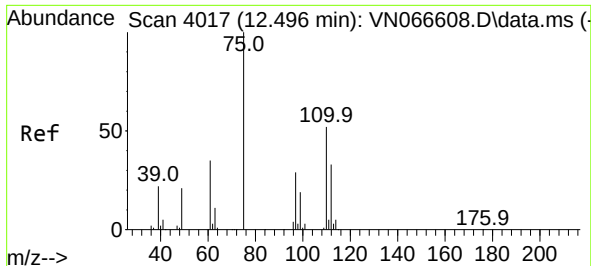
Tgt Ion:152 Resp: 153764
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.6
150 161.8 0.0 347.6



#74
N-ethyl acetate
Concen: 9.77 ug/l
RT: 12.011 min Scan# 3836
Delta R.T. -0.008 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

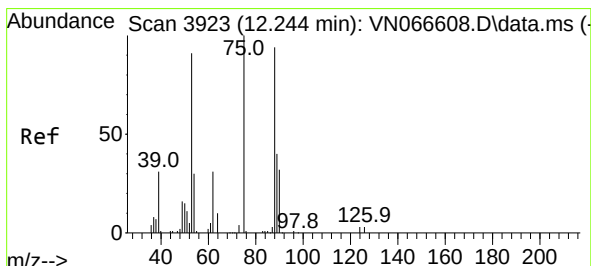
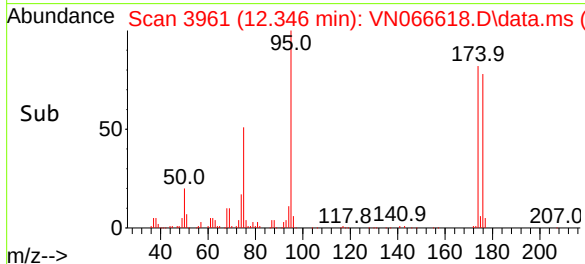
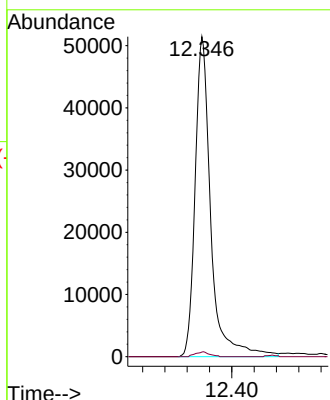
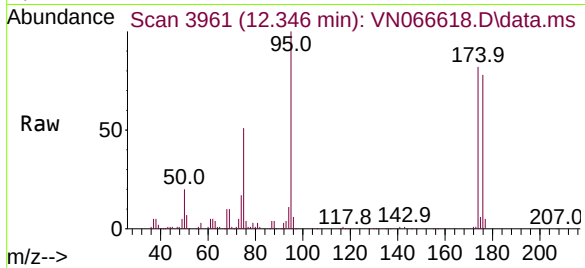




#76
1,2,3-Trichloropropane
Concen: 27.75 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

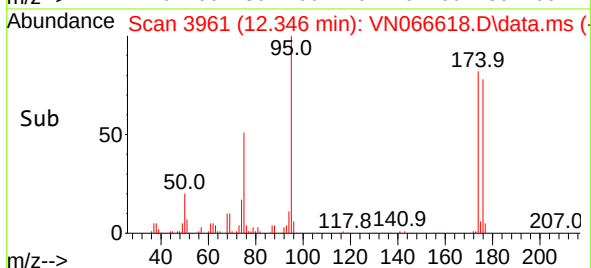
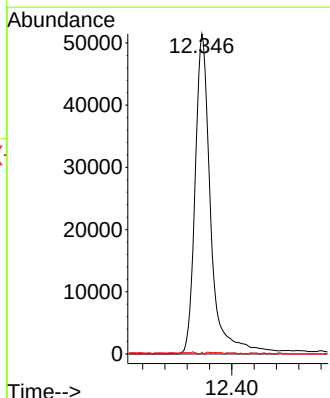
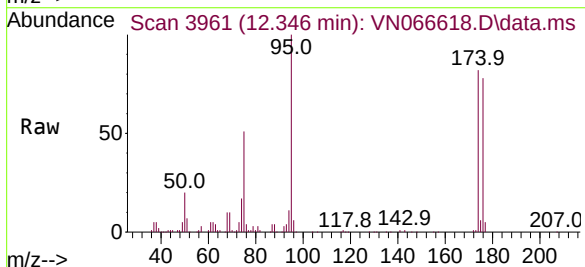
Instrument :
MSVOA_N
ClientSampleId :

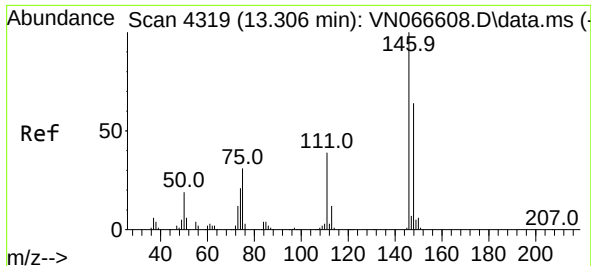
Tgt Ion: 75 Resp: 99794
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.47 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion: 75 Resp: 99794
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

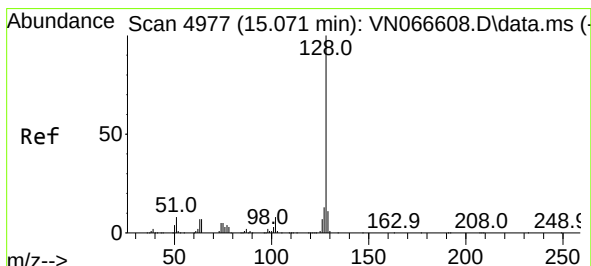
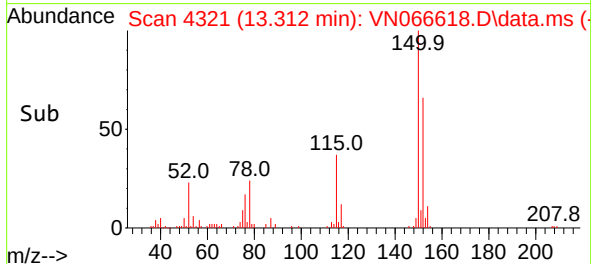
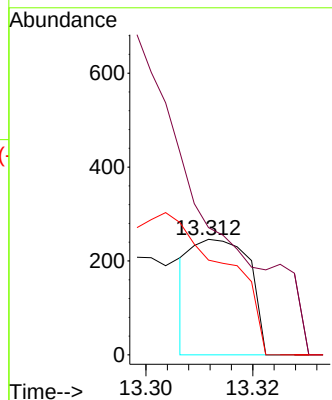
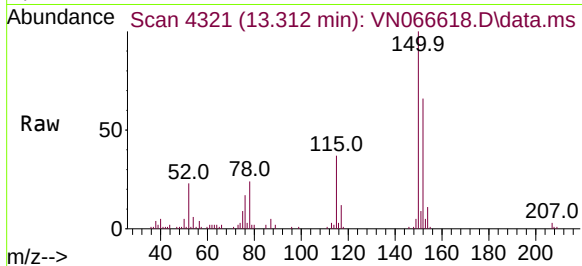




#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.312 min Scan# 4321
Delta R.T. 0.006 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:146 Resp: 185
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 0.0 31.8 95.3#



#95
Naphthalene
Concen: 0.44 ug/l
RT: 15.093 min Scan# 4985
Delta R.T. 0.022 min
Lab File: VN066618.D
Acq: 15 Apr 2021 17:54

Tgt Ion:128 Resp: 3432
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

