

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066613.D
 Acq On : 15 Apr 2021 15:51
 Operator : JC/MD
 Sample : VN0415WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 07:51:44 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)

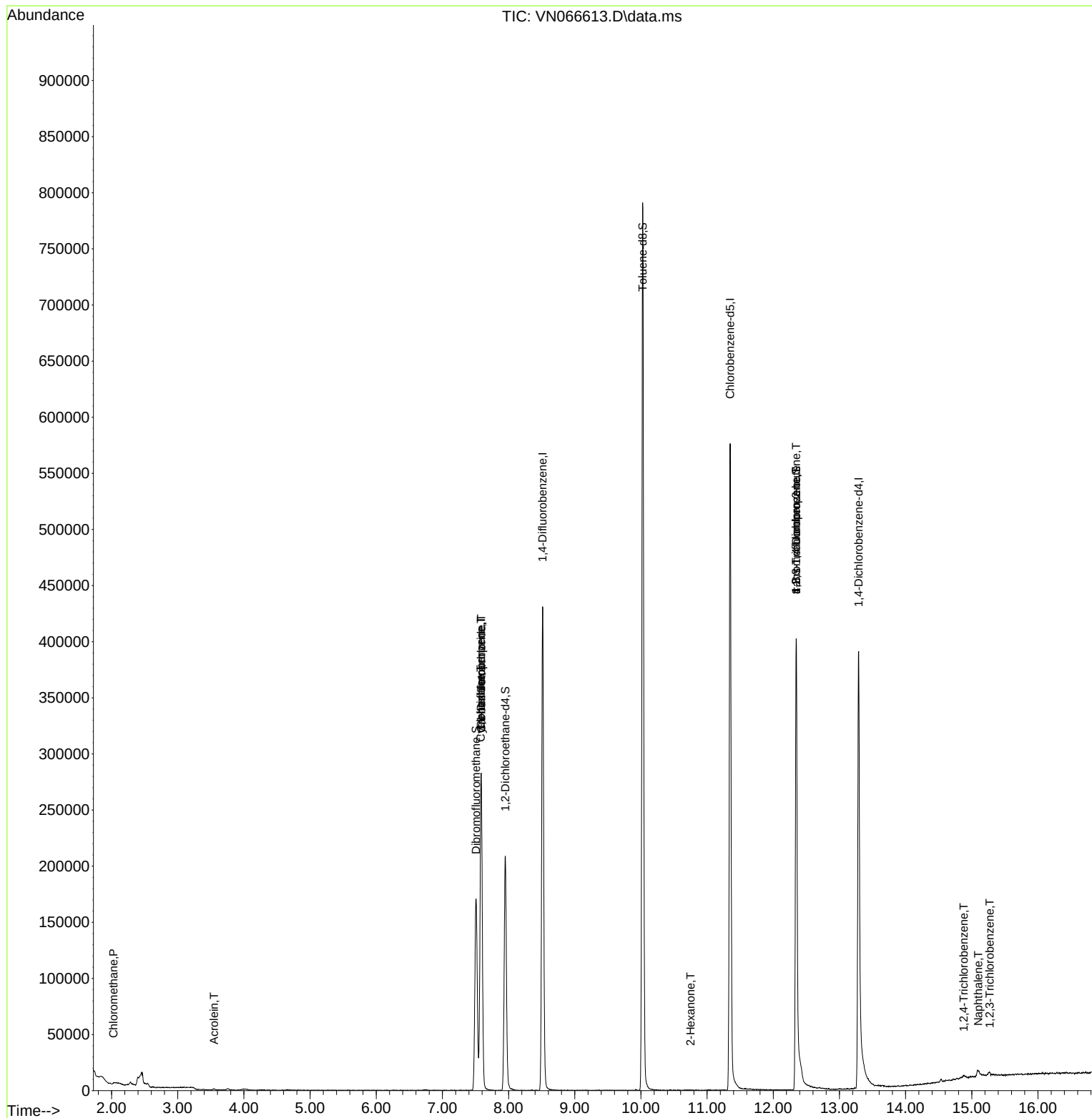
Internal Standards						
1) Pentafluorobenzene	7.586	168	238978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.514	114	382569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	348341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	137736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	178345	49.47	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.94%
35) Dibromofluoromethane	7.508	113	137853	51.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.92%
50) Toluene-d8	10.026	98	546268	52.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.06%
62) 4-Bromofluorobenzene	12.346	95	174559	47.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.48%
Target Compounds						
					Qvalue	
3) Chloromethane	2.029	50	1024	0.24	ug/l	96
13) Acrolein	3.549	56	912	2.96	ug/l #	79
16) Acetone	3.759	43	1964	Below Cal	#	88
31) Cyclohexane	7.580	56	5097	0.98	ug/l #	3
36) 1,1-Dichloropropene	7.583	75	18896	4.90	ug/l #	48
38) Carbon Tetrachloride	7.588	117	21884	6.06	ug/l #	17
59) 2-Hexanone	10.750	43	52	4.89	ug/l #	23
76) 1,2,3-Trichloropropane	12.346	75	88970	27.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	88970	85.08	ug/l #	12
88) 1,4-Dichlorobenzene	13.306	146	524	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.878	180	1195	0.47	ug/l #	15
95) Naphthalene	15.098	128	9447	1.34	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.270	180	1692	0.64	ug/l	88

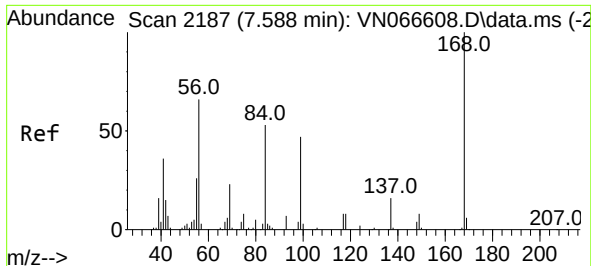
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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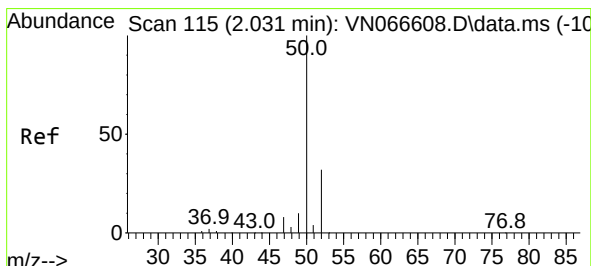
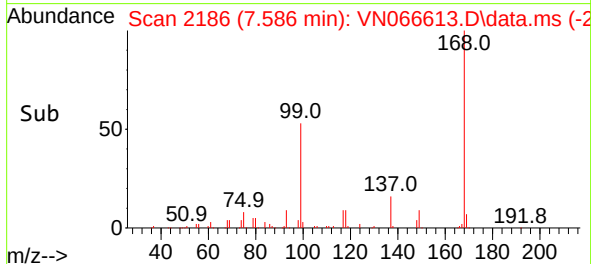
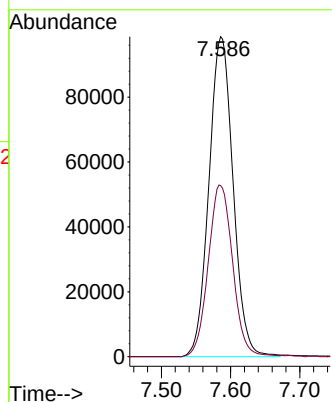
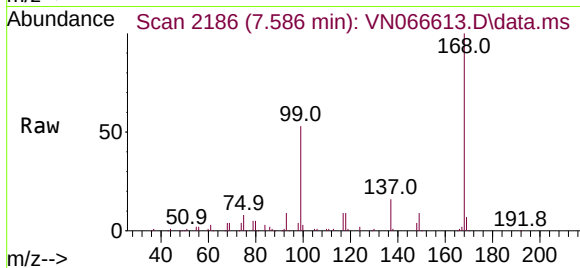




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.002 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

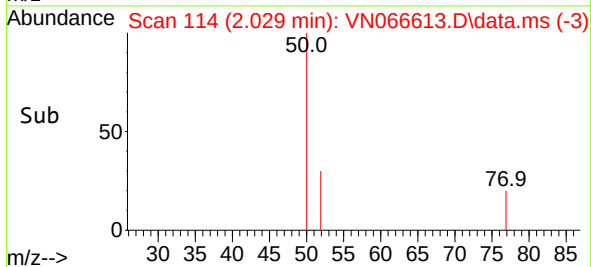
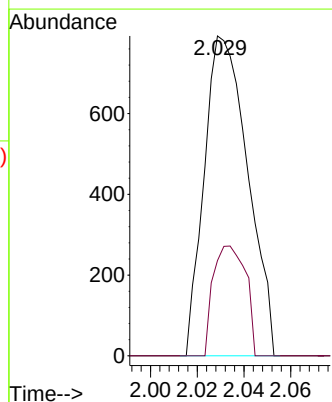
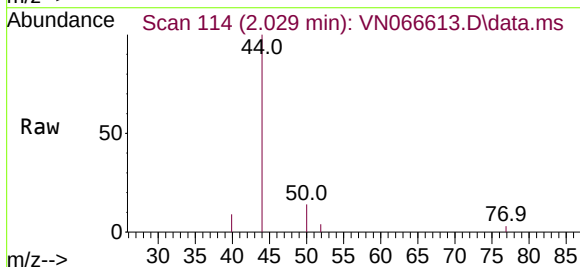
Instrument :
MSVOA_N
ClientSampled :

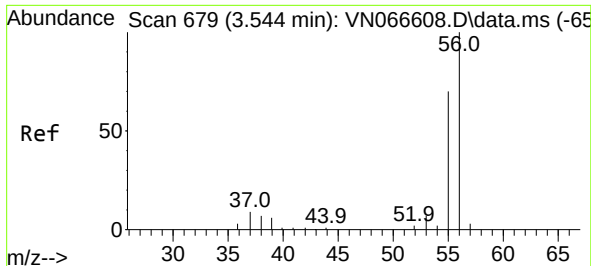
Tgt Ion:168 Resp: 238978
Ion Ratio Lower Upper
168 100
99 53.5 42.6 63.8



#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.029 min Scan# 114
Delta R.T. -0.002 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

Tgt Ion: 50 Resp: 1024
Ion Ratio Lower Upper
50 100
52 29.8 25.8 38.8

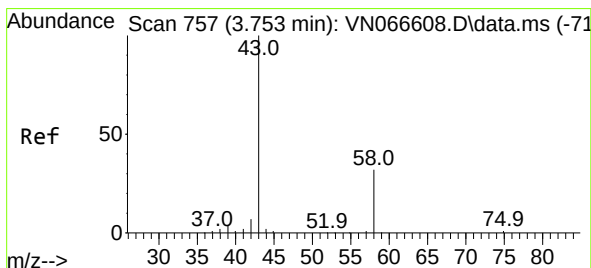
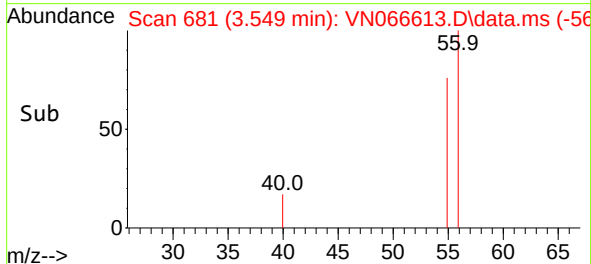
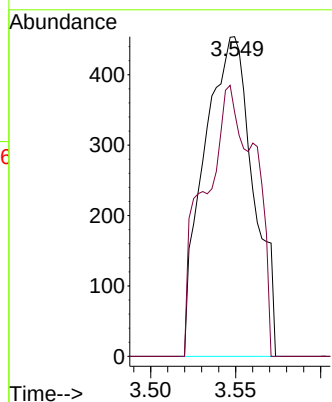
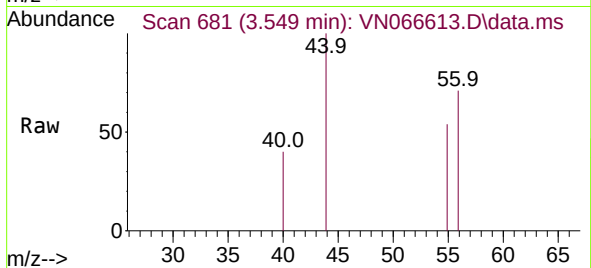




#13
Acrolein
Concen: 2.96 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.005 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

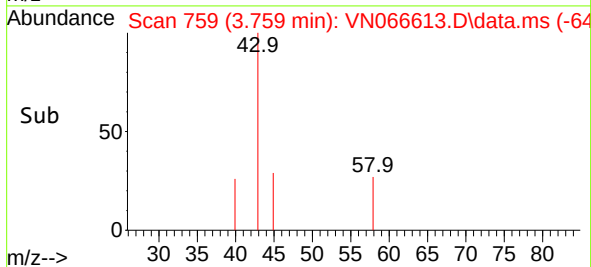
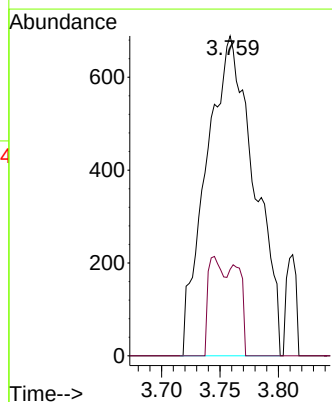
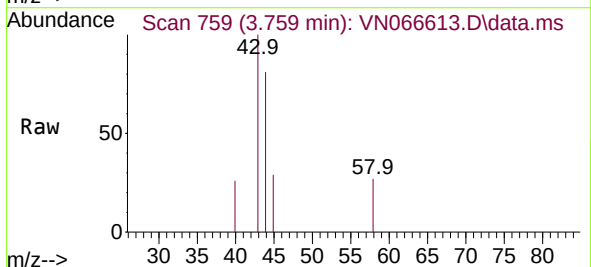
Instrument :
MSVOA_N
ClientSampled :

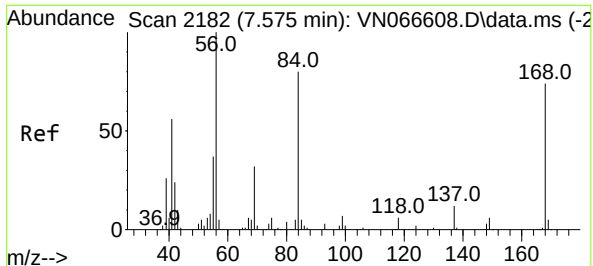
Tgt Ion: 56 Resp: 912
Ion Ratio Lower Upper
56 100
55 87.6 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 3.759 min Scan# 759
Delta R.T. 0.006 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 27.0 27.0 40.6#

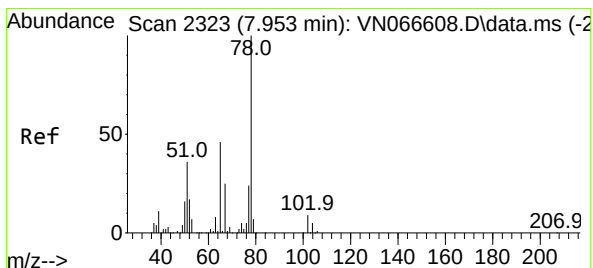
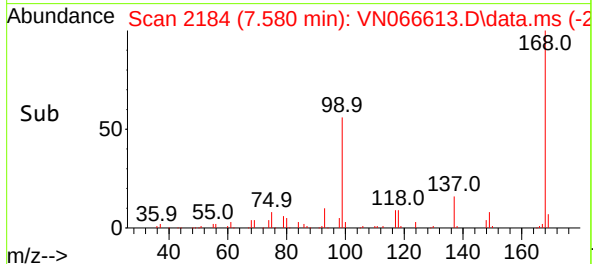
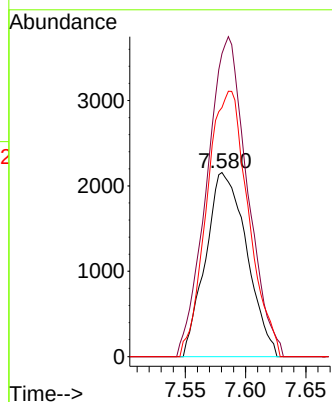
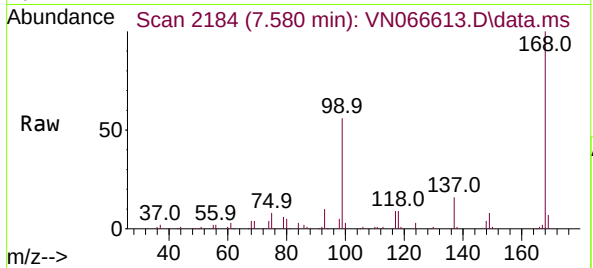




#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.580 min Scan# 2184
Delta R.T. 0.005 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

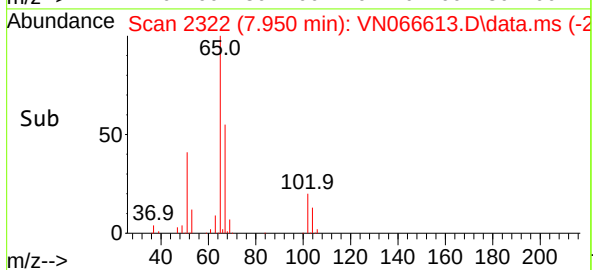
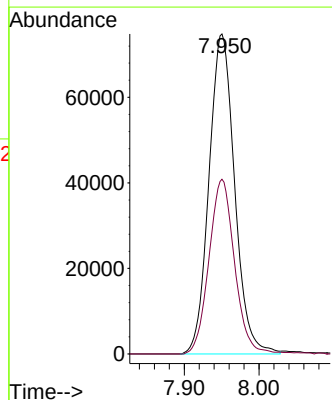
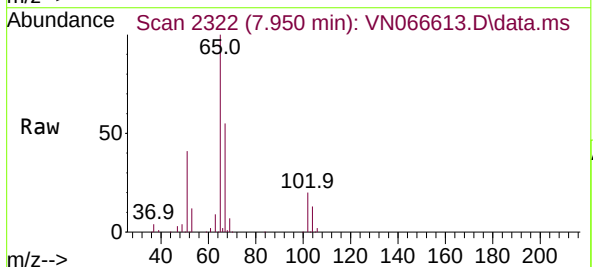
Instrument :
MSVOA_N
ClientSampled :

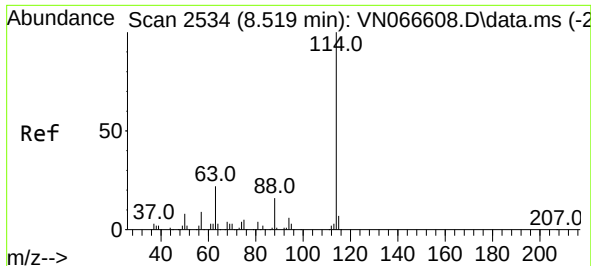
Tgt Ion: 56 Resp: 5097
Ion Ratio Lower Upper
56 100
69 157.5 26.6 39.8#
84 135.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 49.47 ug/l
RT: 7.950 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

Tgt Ion: 65 Resp: 178345
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2

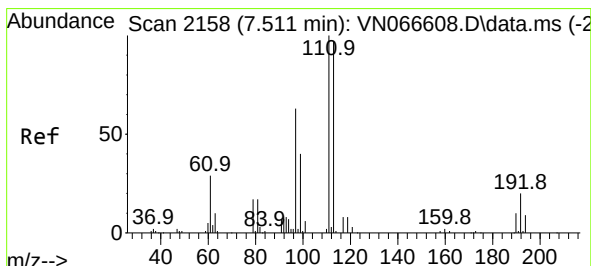
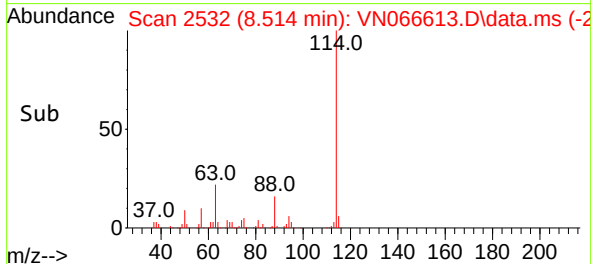
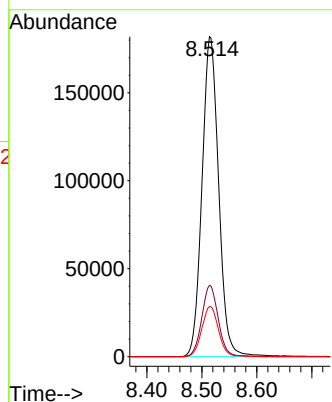
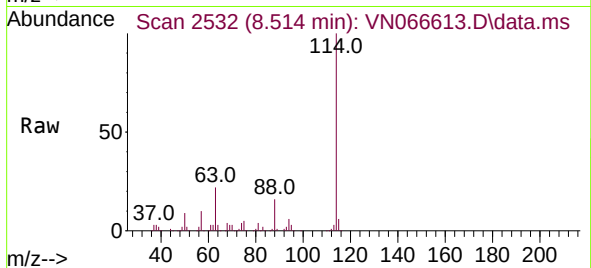




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.514 min Scan# 2532
Delta R.T. -0.005 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

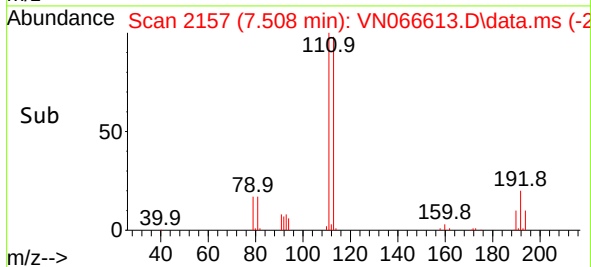
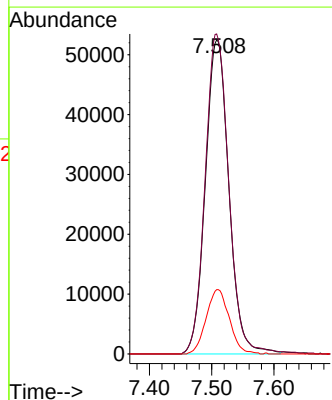
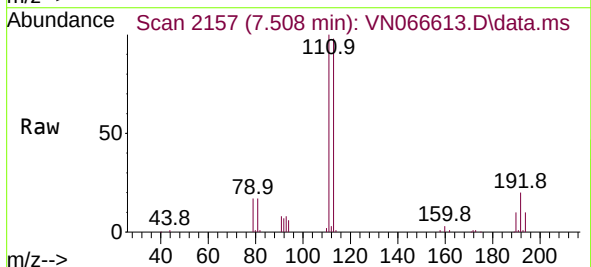
Instrument :
MSVOA_N
ClientSampleId :

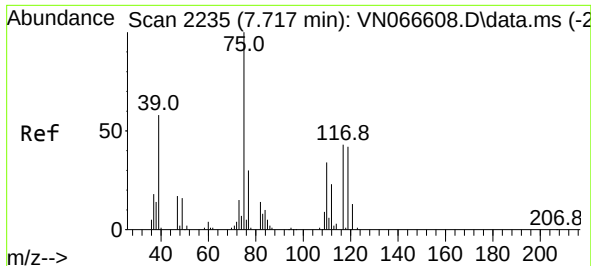
Tgt Ion:114 Resp: 382569
Ion Ratio Lower Upper
114 100
63 22.3 0.0 38.6
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.96 ug/l
RT: 7.508 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

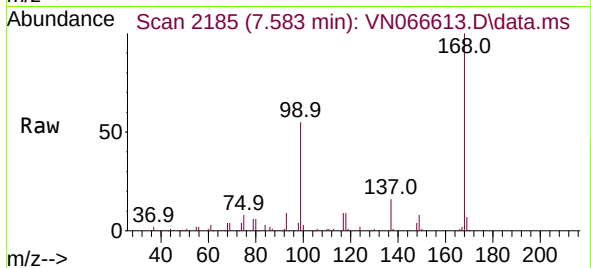
Tgt Ion:113 Resp: 137853
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.2 15.4 23.0



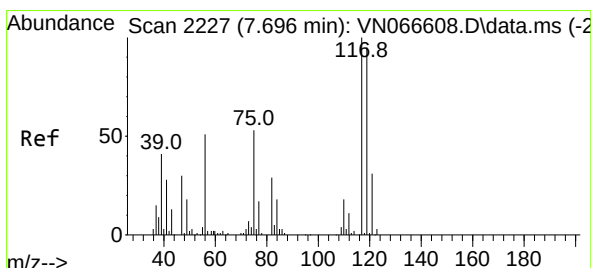
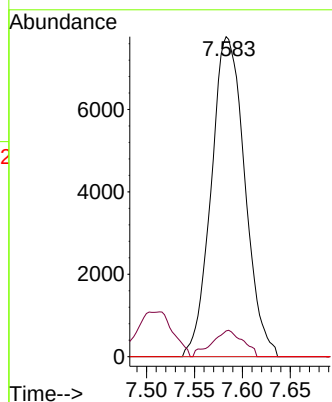
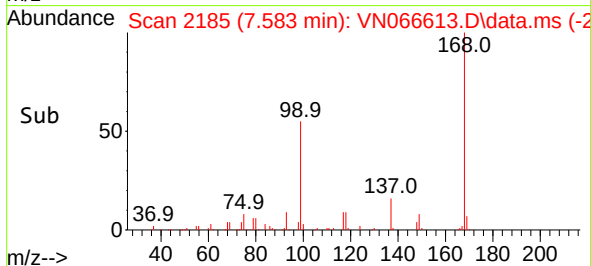


#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 7.583 min Scan# 2185
Delta R.T. -0.134 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

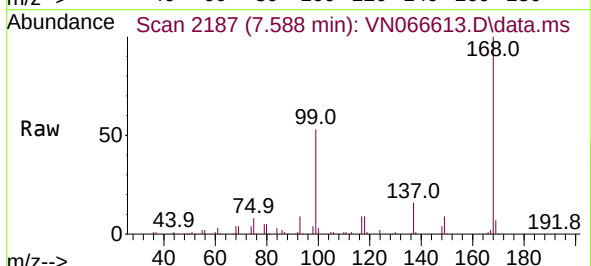
Instrument :
MSVOA_N
ClientSampled :



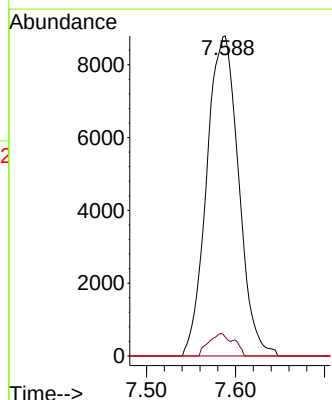
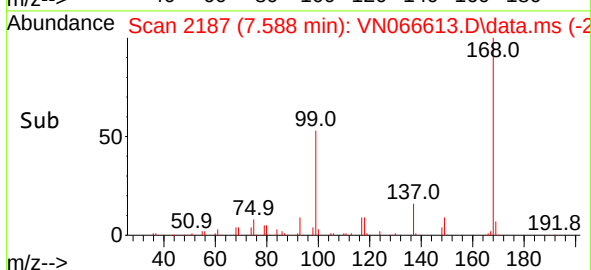
Tgt Ion: 75 Resp: 18896
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#

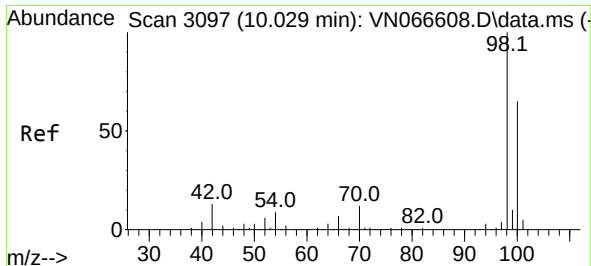


#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.108 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51



Tgt Ion: 117 Resp: 21884
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

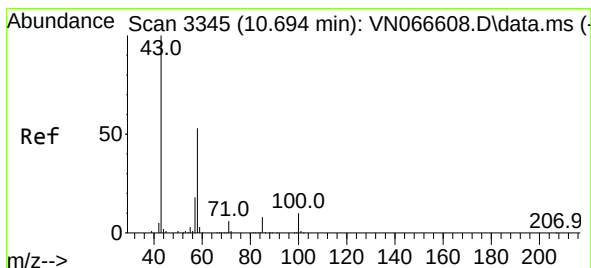
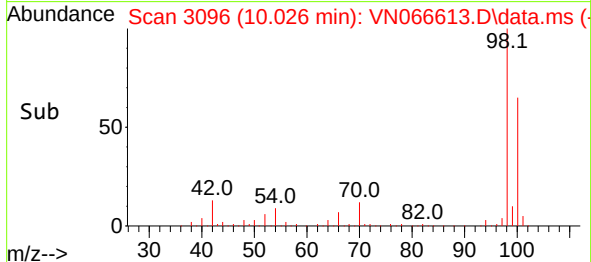
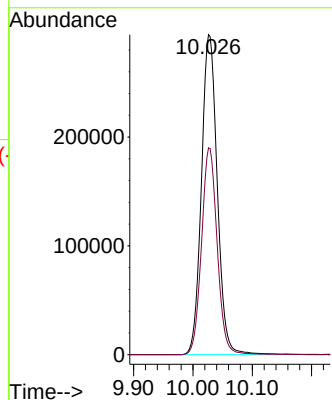
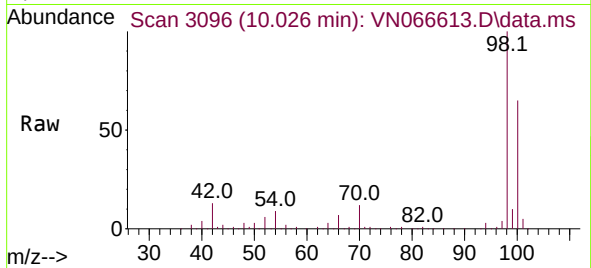




#50
Toluene-d8
Concen: 52.53 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. -0.003 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

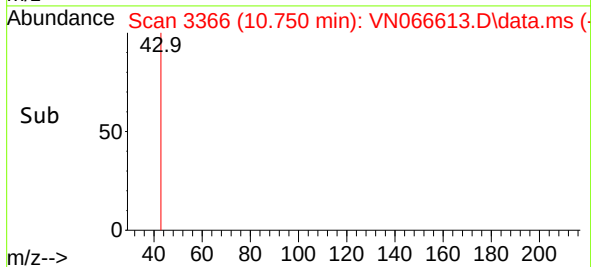
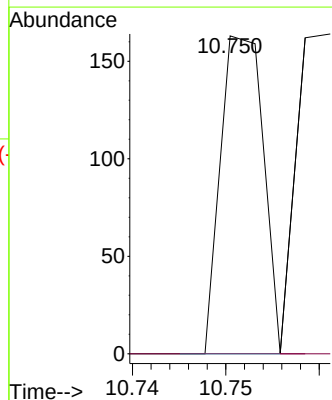
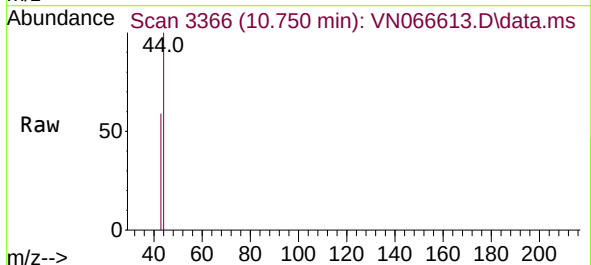
Instrument :
MSVOA_N
ClientSampled :

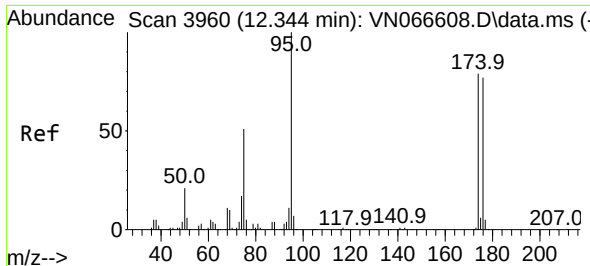
Tgt Ion: 98 Resp: 546268
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#59
2-Hexanone
Concen: 4.89 ug/l
RT: 10.750 min Scan# 3366
Delta R.T. 0.056 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

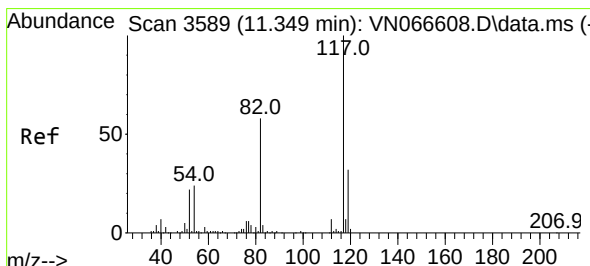
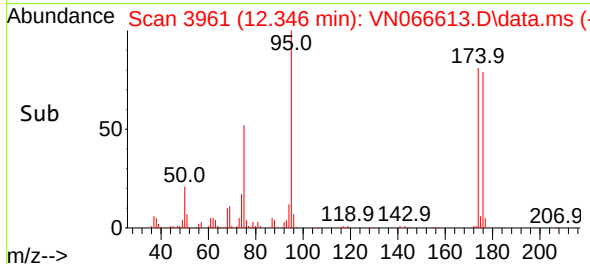
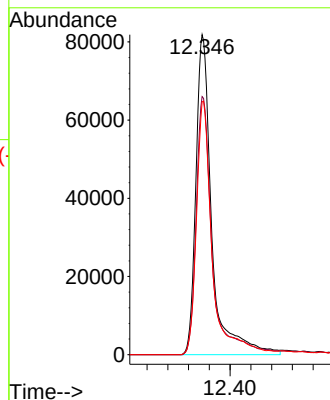
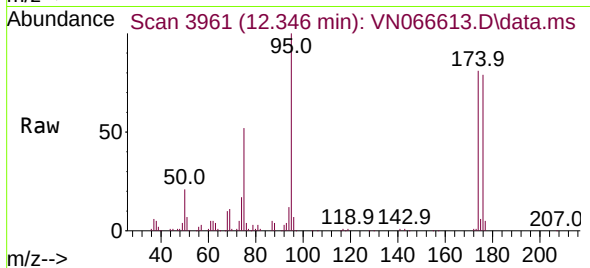




#62
4-Bromofluorobenzene
Concen: 47.74 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

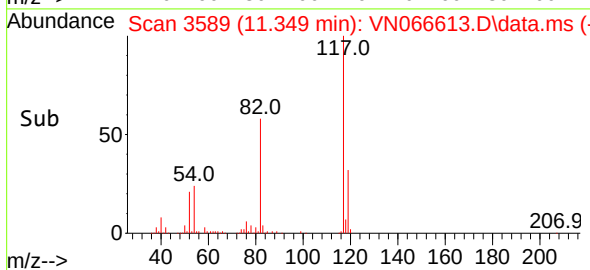
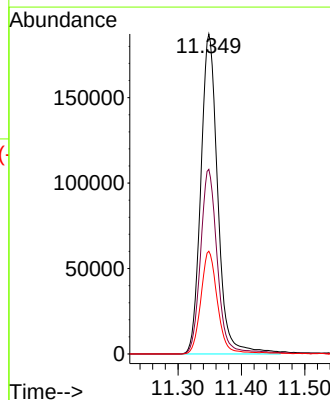
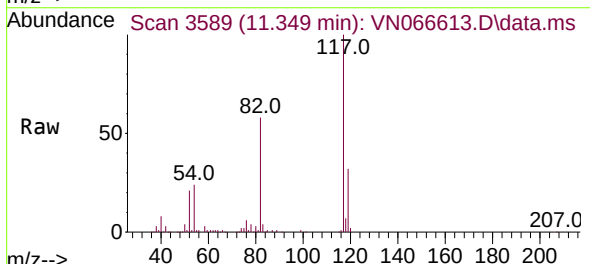
Instrument :
MSVOA_N
ClientSampleId :

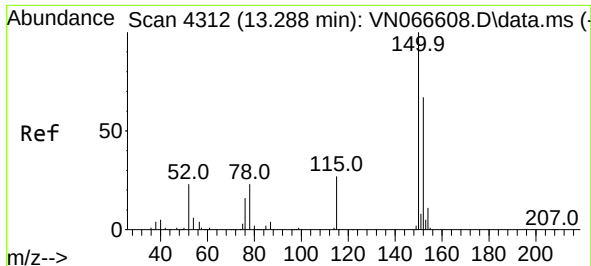
Tgt Ion: 95 Resp: 174559
Ion Ratio Lower Upper
95 100
174 81.3 0.0 169.0
176 78.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

Tgt Ion: 117 Resp: 348341
Ion Ratio Lower Upper
117 100
82 57.7 43.7 65.5
119 32.1 26.1 39.1

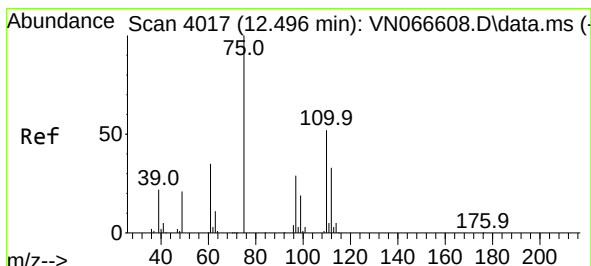
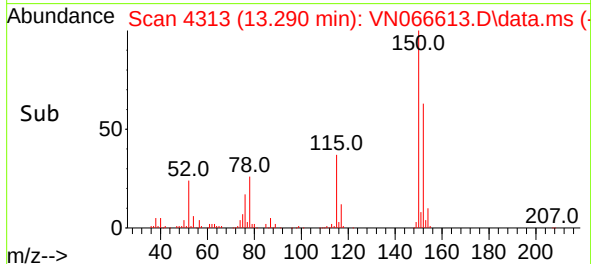
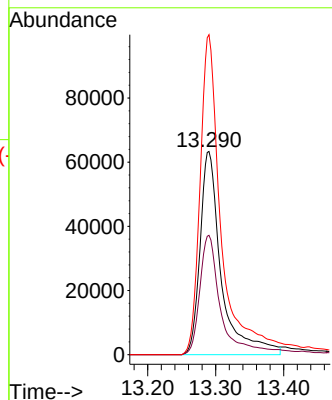
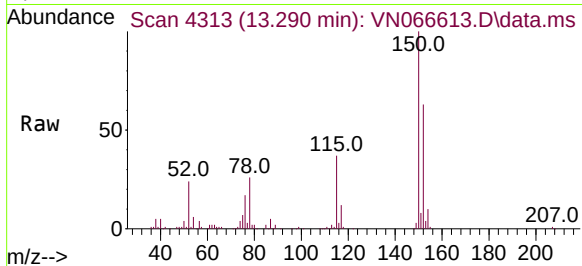




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.290 min Scan# 4313
 Delta R.T. 0.002 min
 Lab File: VN066613.D
 Acq: 15 Apr 2021 15:51

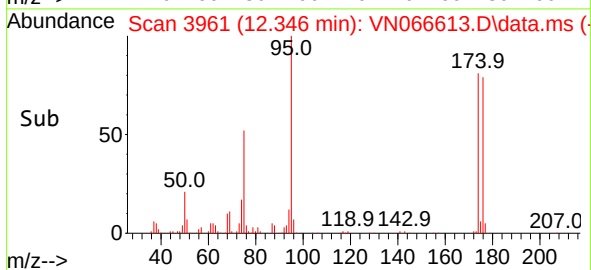
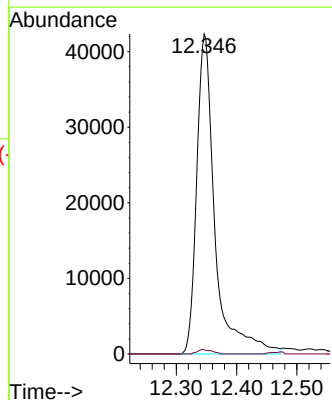
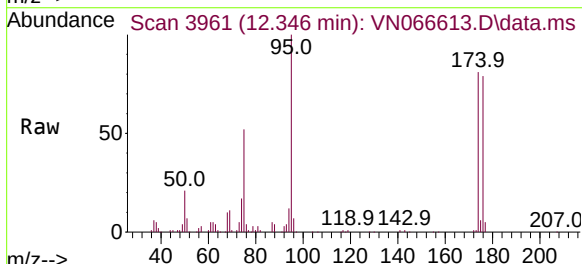
Instrument :
 MSVOA_N
 ClientSampled :

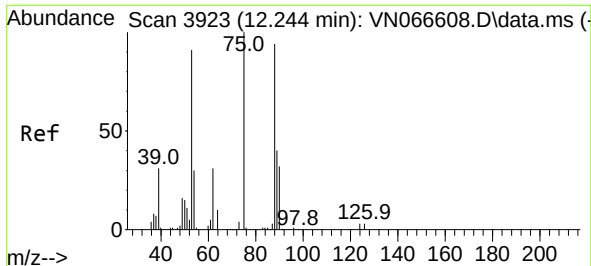
Tgt Ion:152 Resp: 137736
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.5 85.6
 150 160.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 27.62 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. -0.150 min
 Lab File: VN066613.D
 Acq: 15 Apr 2021 15:51

Tgt Ion: 75 Resp: 88970
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

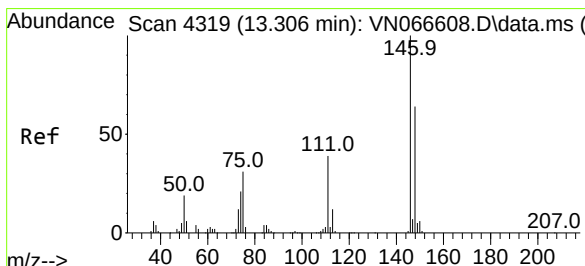
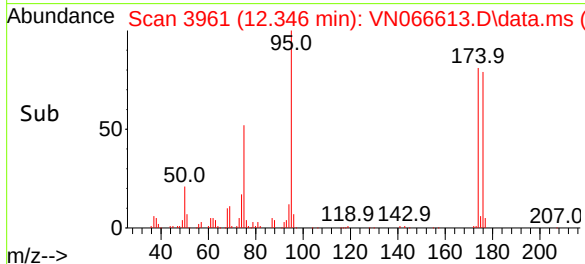
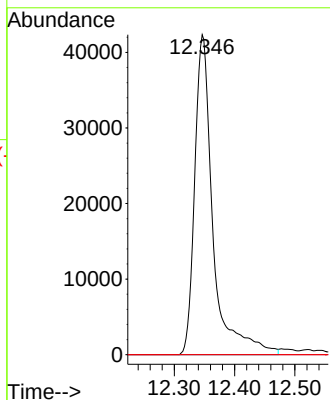
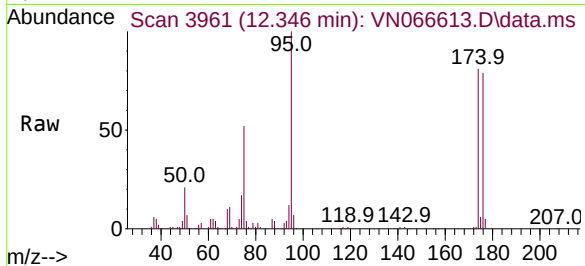




#81
trans-1,4-Dichloro-2-butene
Concen: 85.08 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

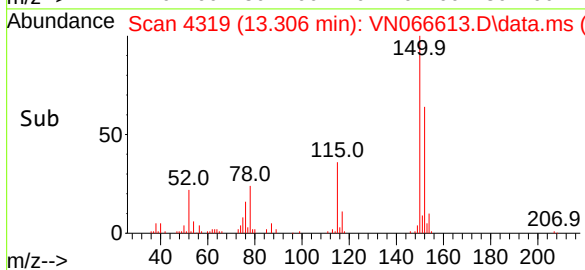
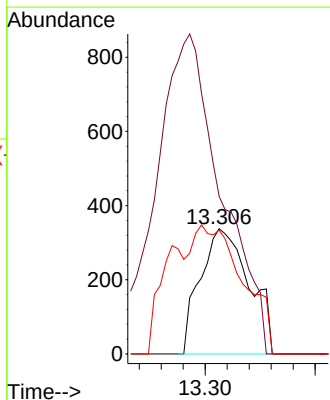
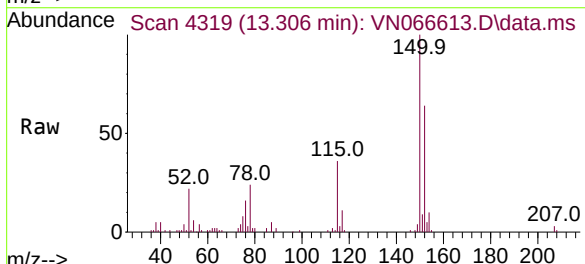
Instrument :
MSVOA_N
ClientSampleId :

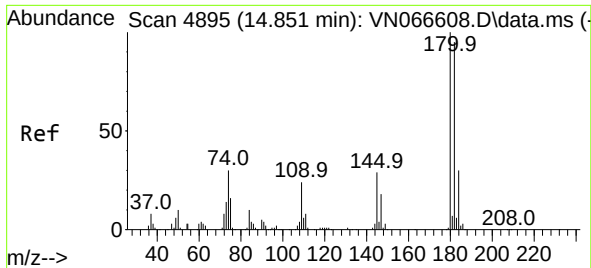
Tgt Ion: 75 Resp: 88970
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.306 min Scan# 4319
Delta R.T. 0.000 min
Lab File: VN066613.D
Acq: 15 Apr 2021 15:51

Tgt Ion:146 Resp: 524
Ion Ratio Lower Upper
146 100
111 335.1 19.0 57.0#
148 100.8 31.8 95.3#

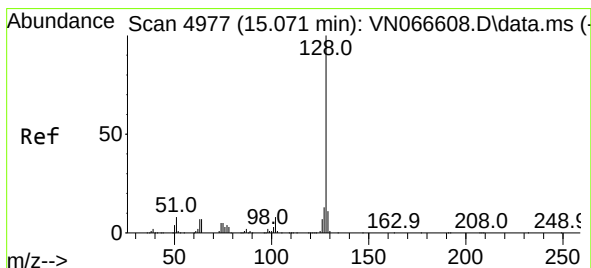
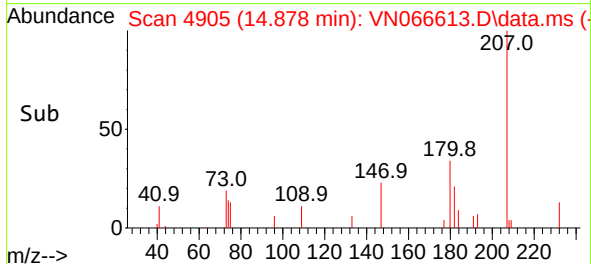
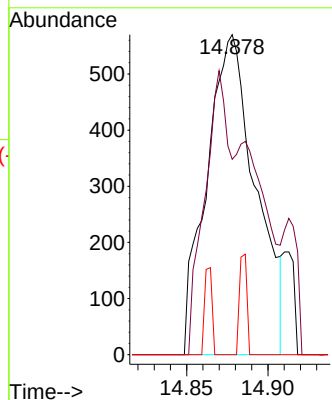
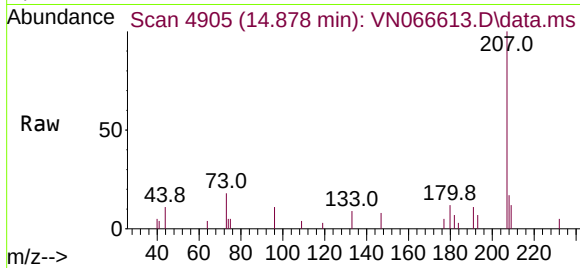




#93
 1,2,4-Trichlorobenzene
 Concen: 0.47 ug/l
 RT: 14.878 min Scan# 4905
 Delta R.T. 0.027 min
 Lab File: VN066613.D
 Acq: 15 Apr 2021 15:51

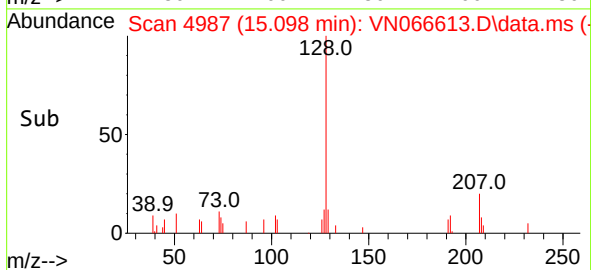
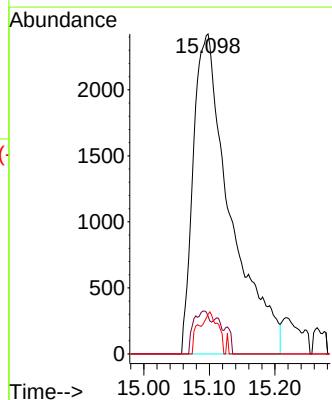
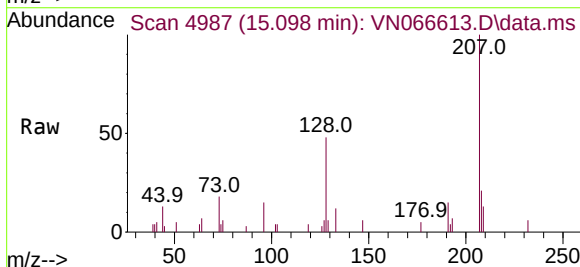
Instrument :
 MSVOA_N
 ClientSampled :

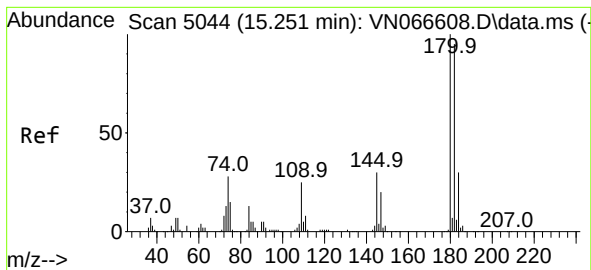
Tgt Ion:180 Resp: 1195
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 4.8 15.6 46.8#



#95
 Naphthalene
 Concen: 1.34 ug/l
 RT: 15.098 min Scan# 4987
 Delta R.T. 0.027 min
 Lab File: VN066613.D
 Acq: 15 Apr 2021 15:51

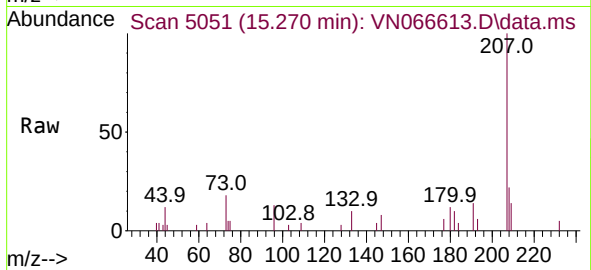
Tgt Ion:128 Resp: 9447
 Ion Ratio Lower Upper
 128 100
 127 6.0 10.2 15.2#
 129 4.6 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.64 ug/l
 RT: 15.270 min Scan# 5051
 Delta R.T. 0.019 min
 Lab File: VN066613.D
 Acq: 15 Apr 2021 15:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1692
Ion	Ratio	Lower	Upper
180	100		
182	87.1	47.4	142.3
145	20.6	16.5	49.5

