

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066627.D
 Acq On : 16 Apr 2021 15:34
 Operator : JC/MD
 Sample : VN0416WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBL01

Quant Time: Apr 17 05:16:21 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)

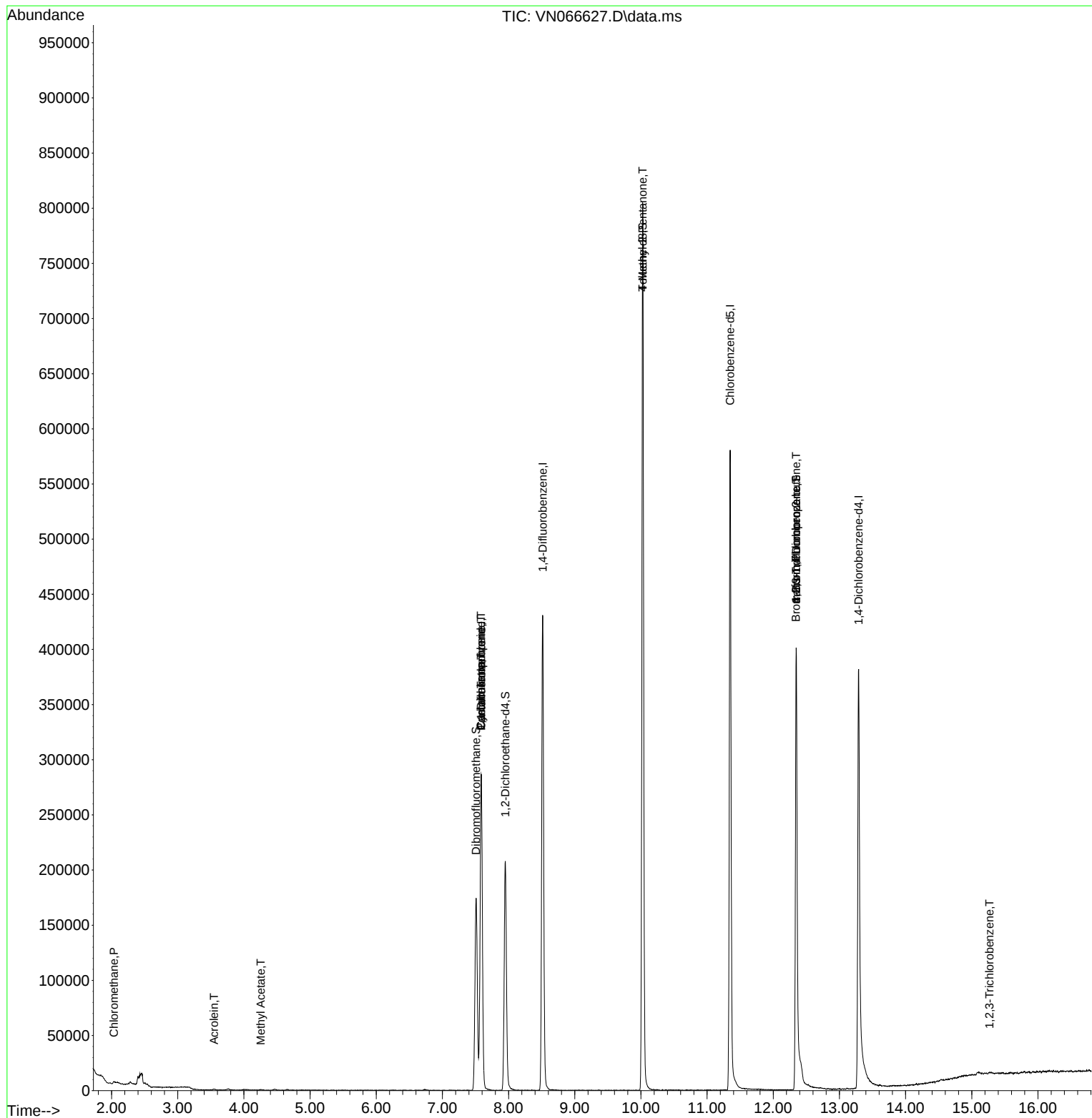
Internal Standards						
1) Pentafluorobenzene	7.588	168	245660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	389645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	359254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	143442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	179723	48.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.00%		
35) Dibromofluoromethane	7.508	113	139860	51.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.52%		
50) Toluene-d8	10.026	98	551489	52.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.14%		
62) 4-Bromofluorobenzene	12.346	95	171621	46.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.18%		
Target Compounds					Qvalue	
3) Chloromethane	2.034	50	1290	0.30	ug/l #	86
13) Acrolein	3.547	56	727	2.29	ug/l #	69
16) Acetone	3.750	43	842	Below Cal	#	41
18) Methyl Acetate	4.252	43	977	0.24	ug/l #	51
31) Cyclohexane	7.586	56	5124	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.586	75	18854	4.80	ug/l #	48
38) Carbon Tetrachloride	7.586	117	21838	5.94	ug/l #	17
51) 4-Methyl-2-Pentanone	10.026	43	2464	0.56	ug/l #	1
71) Bromoform	12.343	173	1101	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	80371	23.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	80371	74.08	ug/l #	12
88) 1,4-Dichlorobenzene	13.309	146	151	Below Cal	#	1
96) 1,2,3-Trichlorobenzene	15.267	180	915	0.33	ug/l #	15

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

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
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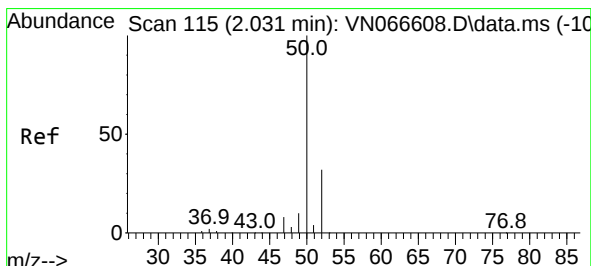
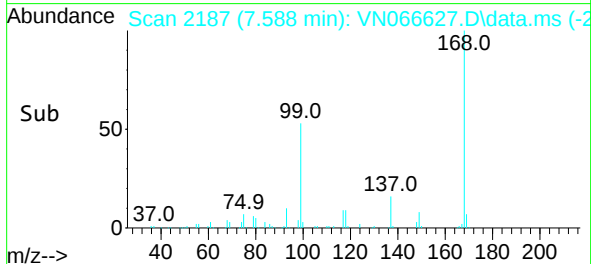
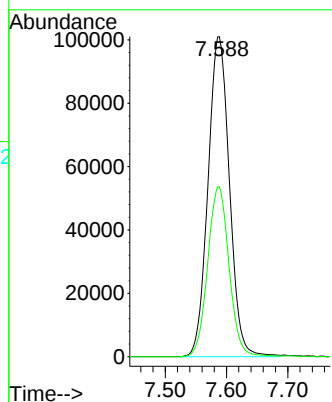
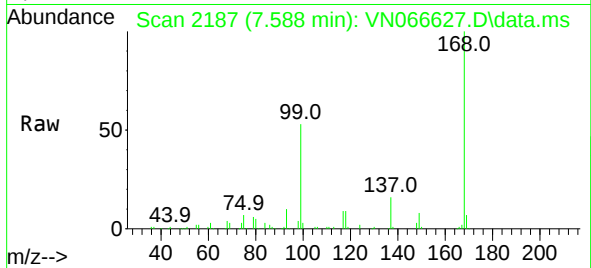




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

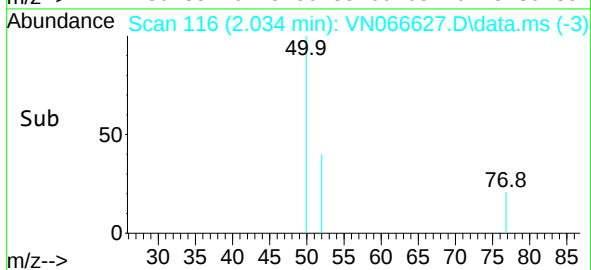
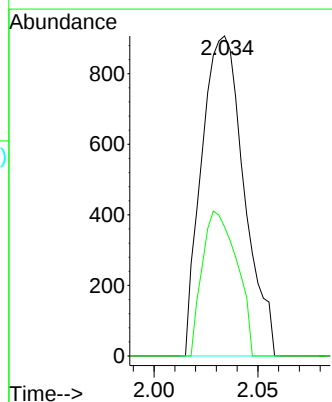
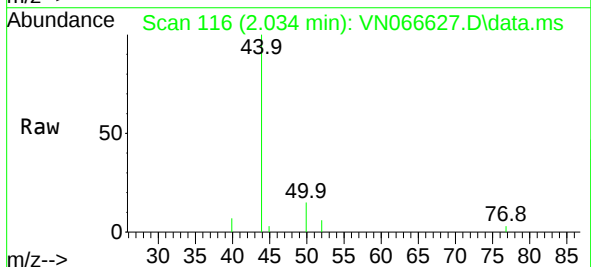
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

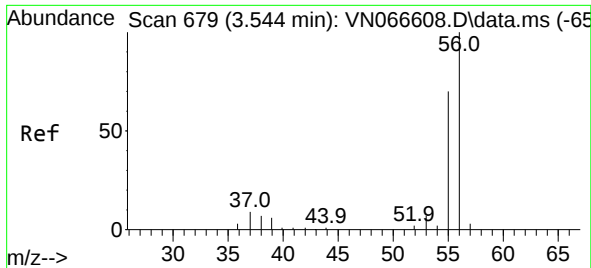
Tgt Ion:168 Resp: 245660
Ion Ratio Lower Upper
168 100
99 53.1 42.6 63.8



#3
Chloromethane
Concen: 0.30 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.003 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

Tgt Ion: 50 Resp: 1290
Ion Ratio Lower Upper
50 100
52 40.4 25.8 38.8#

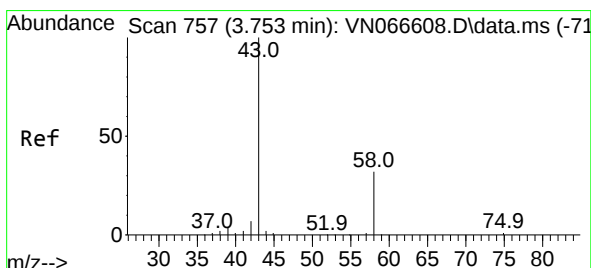
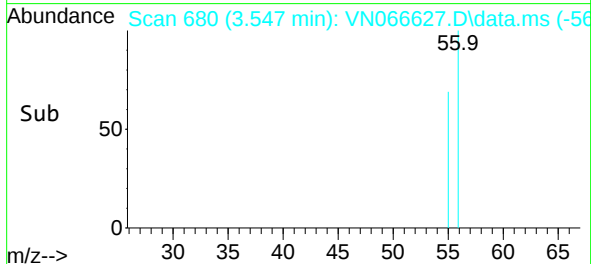
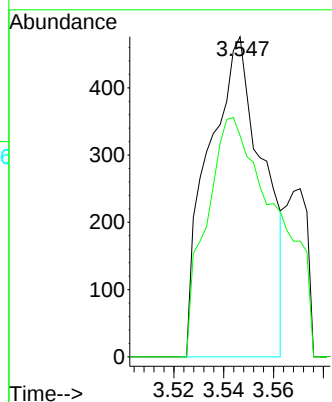
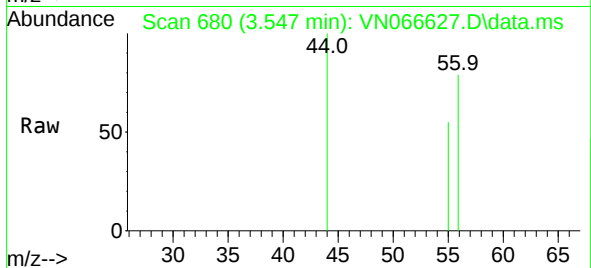




#13
Acrolein
Concen: 2.29 ug/l
RT: 3.547 min Scan# 680
Delta R.T. 0.003 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

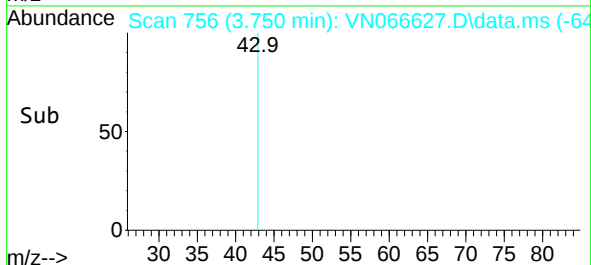
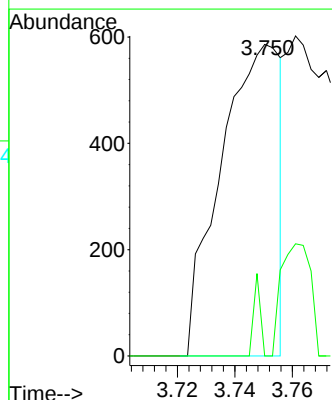
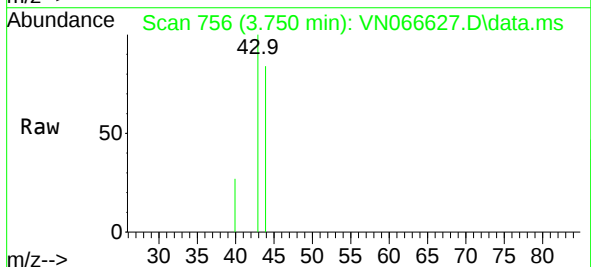
Instrument :
MSVOA_N
ClientSampled :
VN0416WBL01

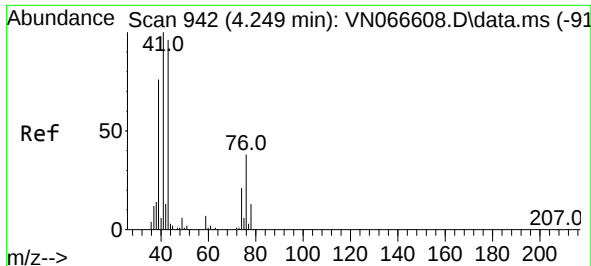
Tgt Ion: 56 Resp: 727
Ion Ratio Lower Upper
56 100
55 95.7 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 3.750 min Scan# 756
Delta R.T. -0.003 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#18

Methyl Acetate

Concen: 0.24 ug/l

RT: 4.252 min Scan# 943

Delta R.T. 0.003 min

Lab File: VN066627.D

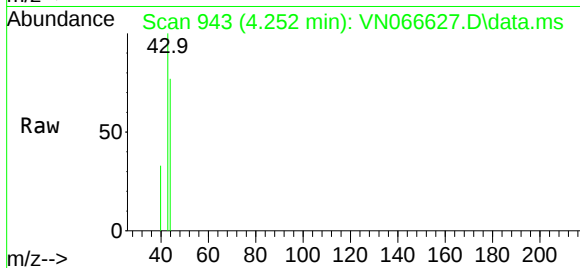
Acq: 16 Apr 2021 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBL01

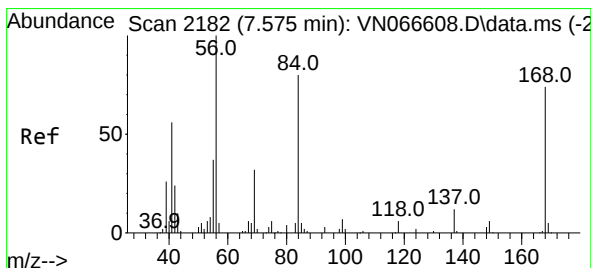
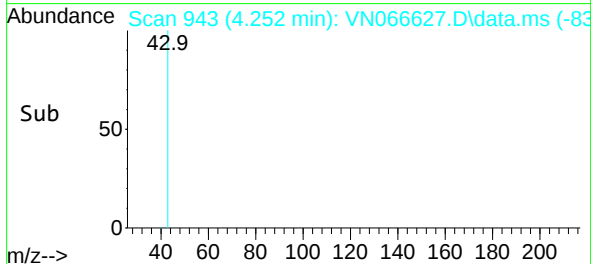
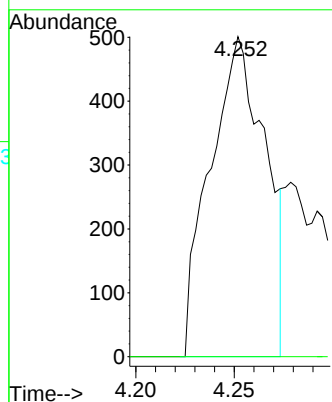


Tgt Ion: 43 Resp: 977

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 0.96 ug/l

RT: 7.586 min Scan# 2186

Delta R.T. 0.011 min

Lab File: VN066627.D

Acq: 16 Apr 2021 15:34

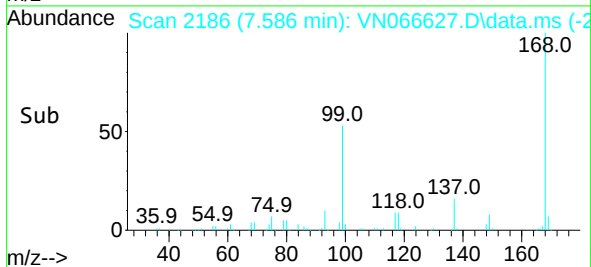
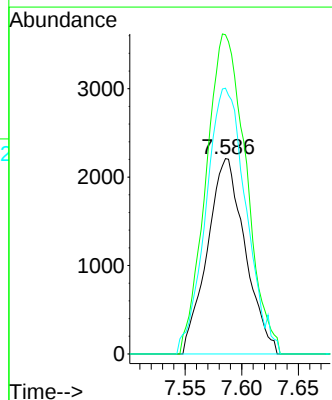
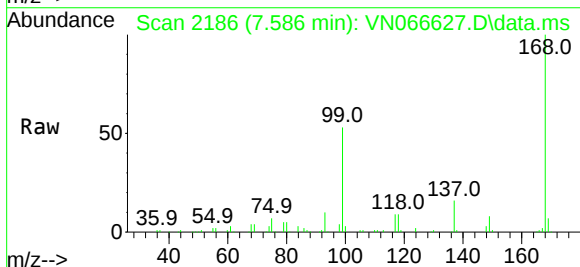
Tgt Ion: 56 Resp: 5124

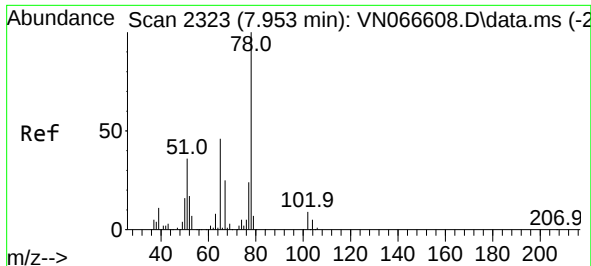
Ion Ratio Lower Upper

56 100

69 163.4 26.6 39.8#

84 136.1 70.4 105.6#

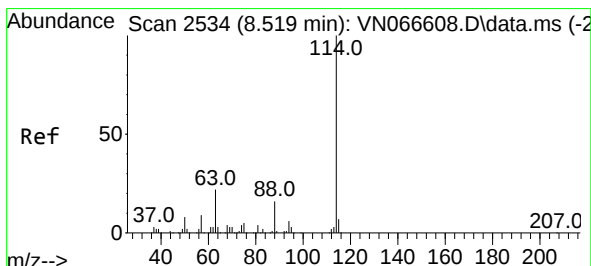
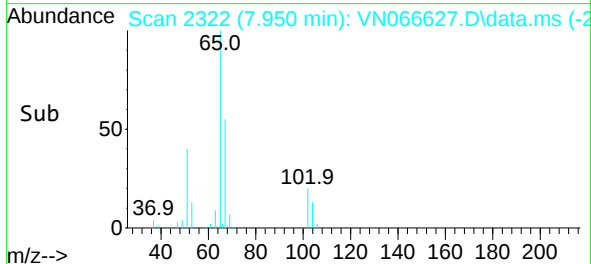
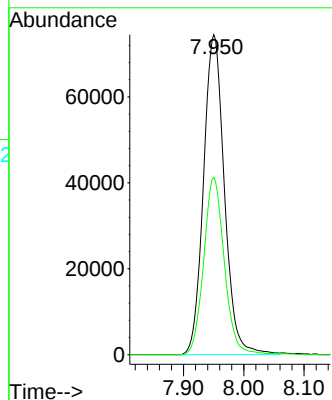
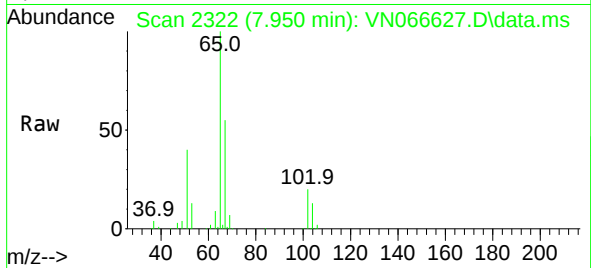




#33
 1,2-Dichloroethane-d4
 Concen: 48.50 ug/l
 RT: 7.950 min Scan# 2322
 Delta R.T. -0.003 min
 Lab File: VN066627.D
 Acq: 16 Apr 2021 15:34

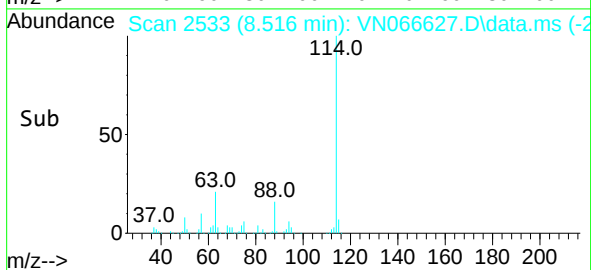
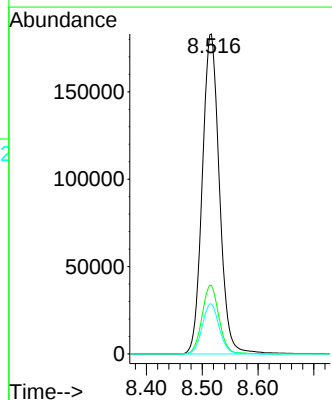
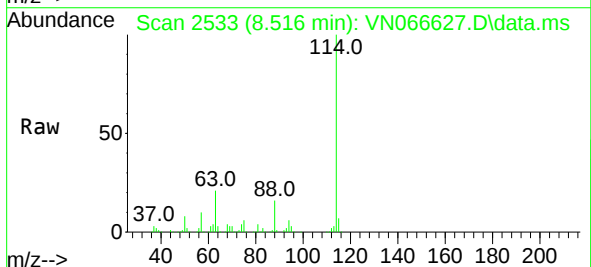
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBL01

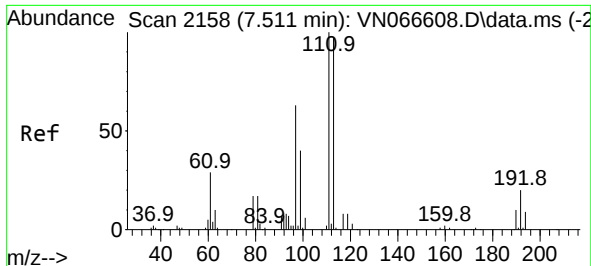
Tgt Ion: 65 Resp: 179723
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.516 min Scan# 2533
 Delta R.T. -0.003 min
 Lab File: VN066627.D
 Acq: 16 Apr 2021 15:34

Tgt Ion: 114 Resp: 389645
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 38.6
 88 15.7 0.0 30.6

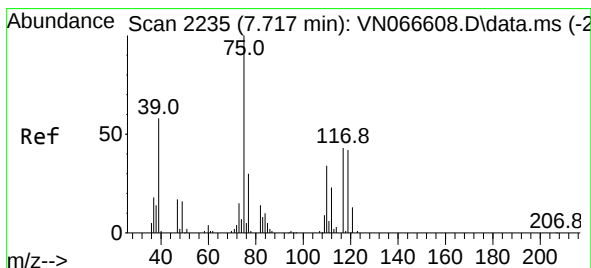
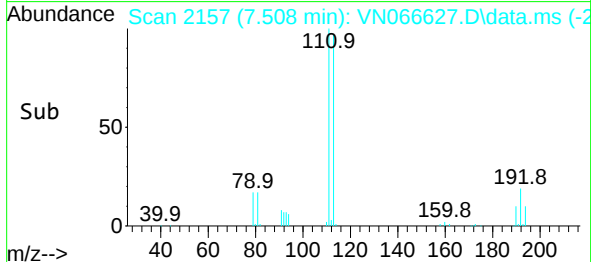
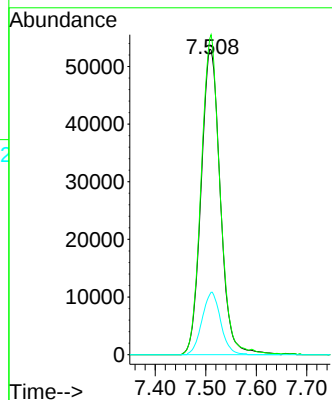
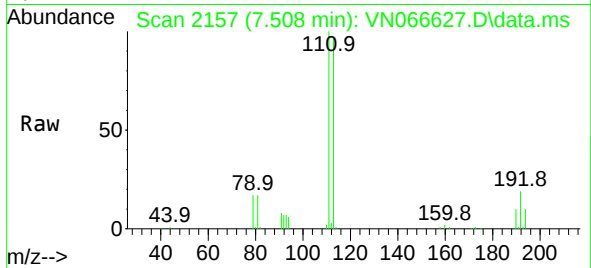




#35
Dibromofluoromethane
Concen: 51.76 ug/l
RT: 7.508 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

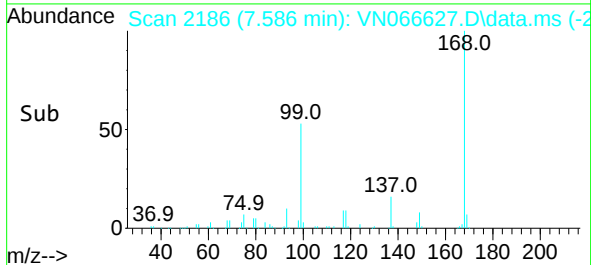
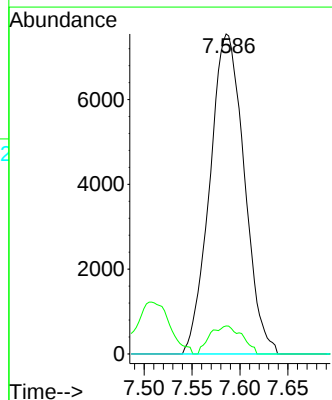
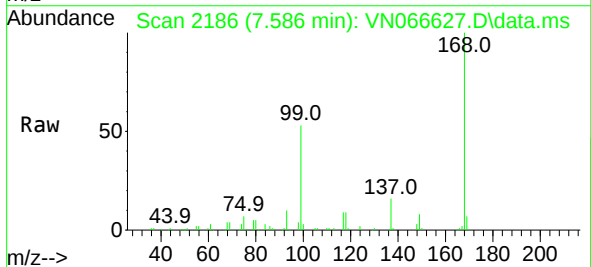
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

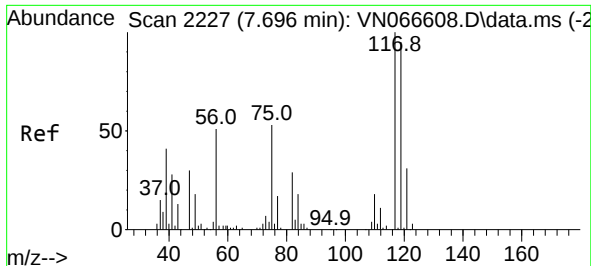
Tgt Ion: 113 Resp: 139860
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 19.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.131 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

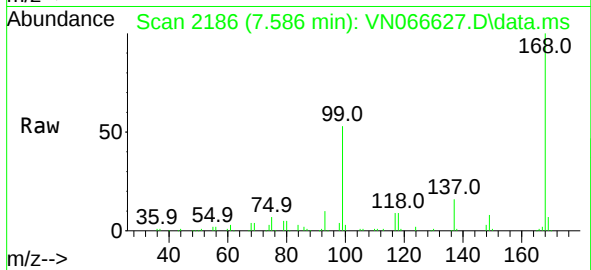
Tgt Ion: 75 Resp: 18854
Ion Ratio Lower Upper
75 100
110 8.2 18.2 54.6#
77 0.0 24.9 37.3#



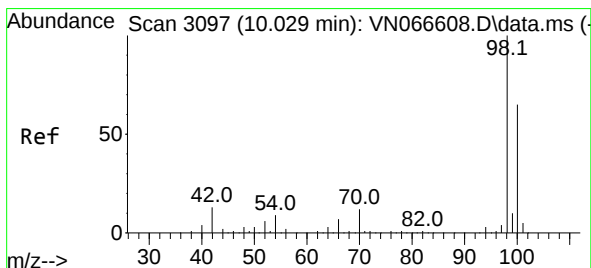
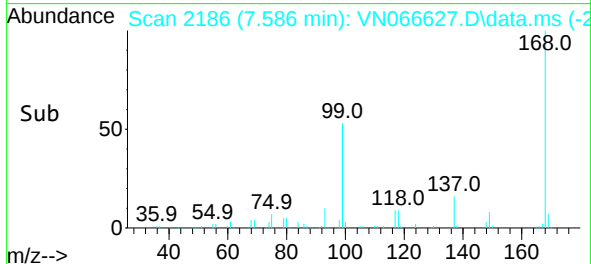
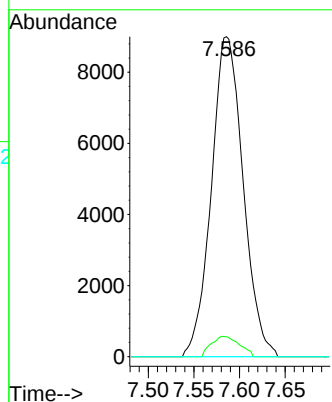


#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.110 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

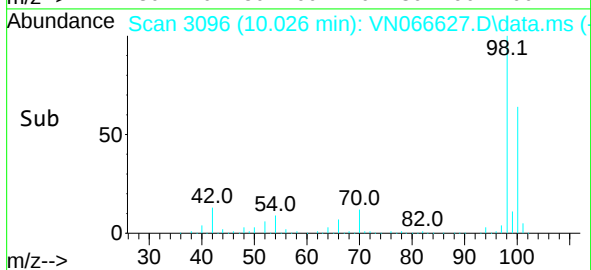
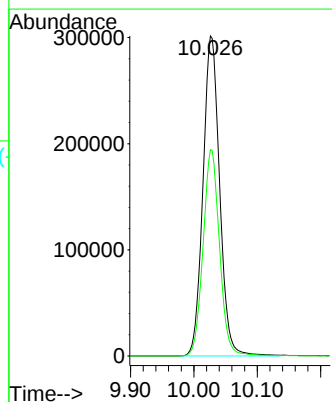
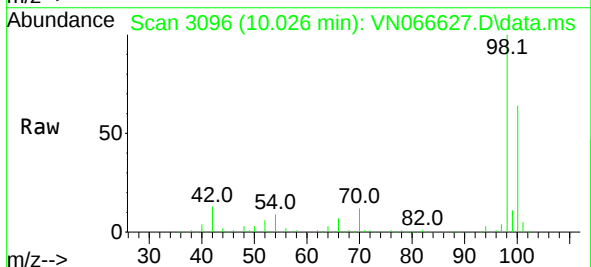


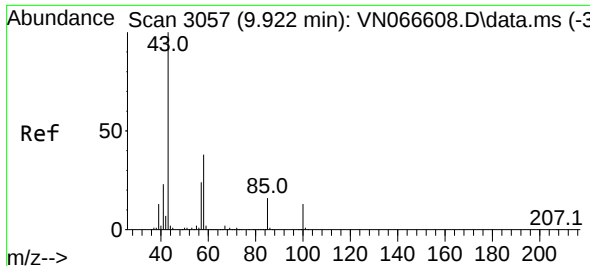
Tgt Ion:117 Resp: 21838
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.07 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. -0.003 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

Tgt Ion: 98 Resp: 551489
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

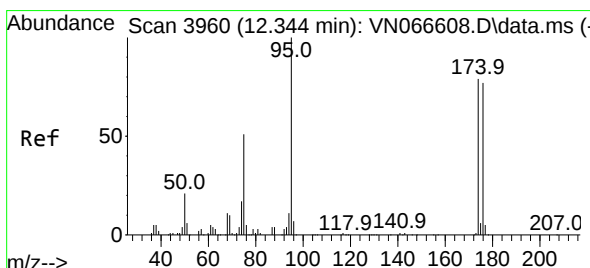
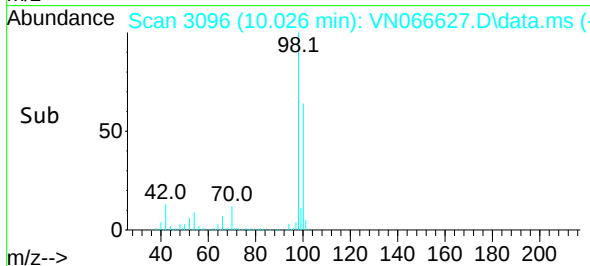
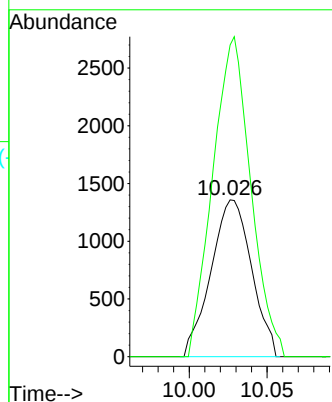
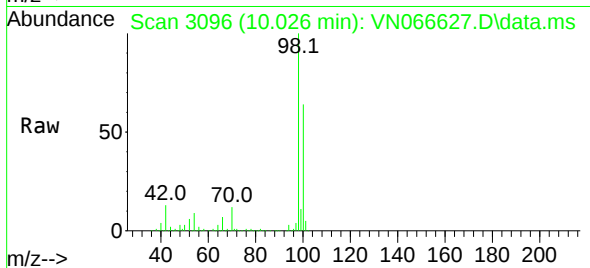




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. 0.104 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

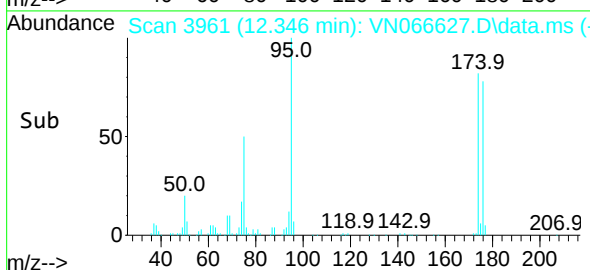
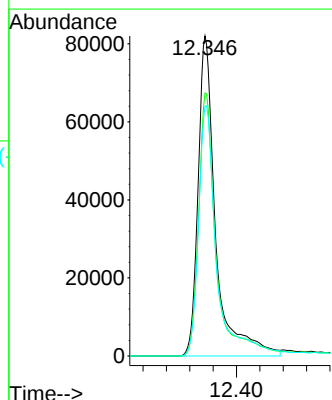
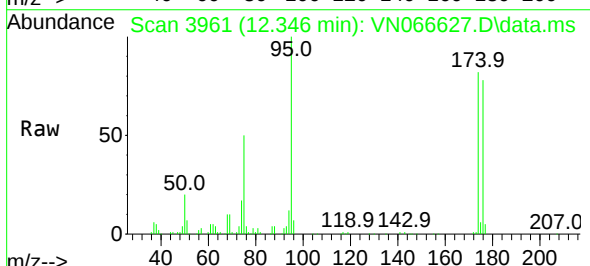
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

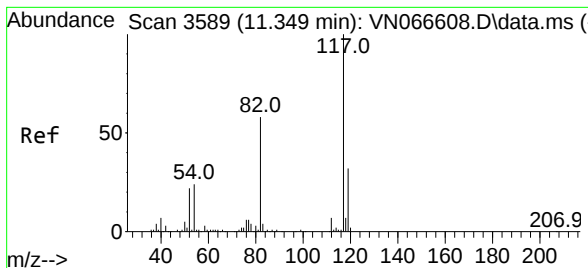
Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
58 190.9 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 46.09 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

Tgt Ion: 95 Resp: 171621
Ion Ratio Lower Upper
95 100
174 83.8 0.0 169.0
176 80.7 0.0 162.4

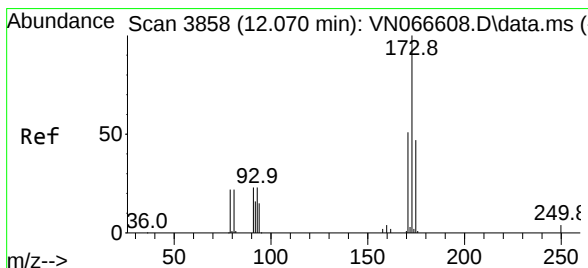
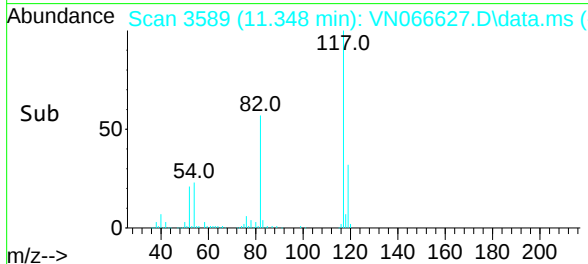
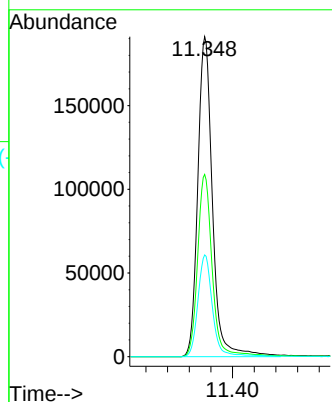
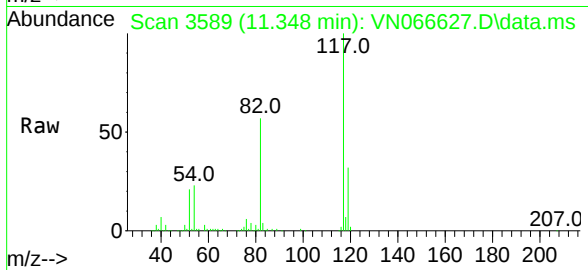




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

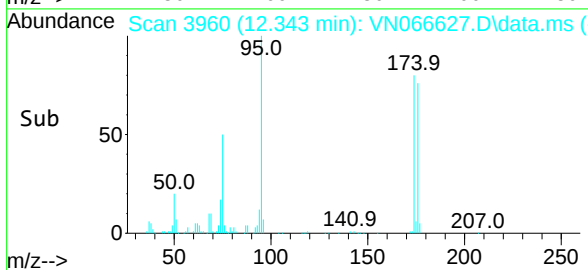
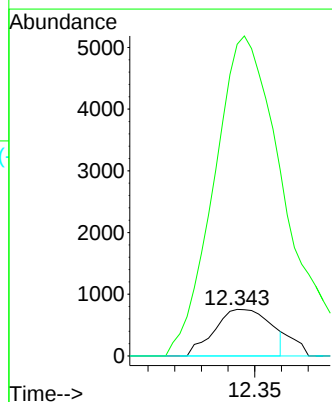
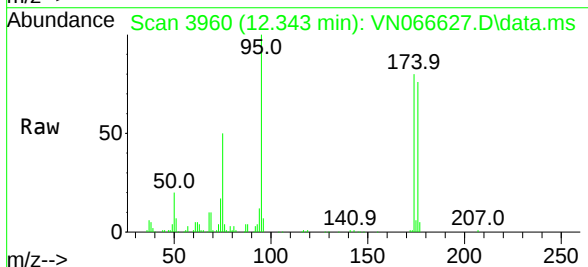
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

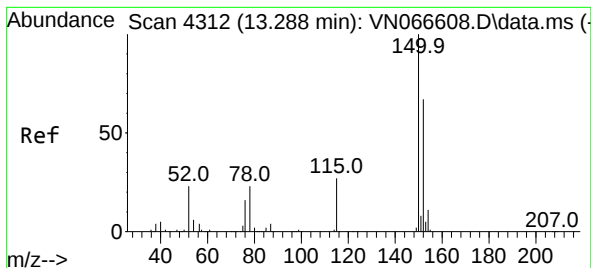
Tgt Ion:117 Resp: 359254
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 31.8 26.1 39.1



#71
Bromoform
Concen: 0.51 ug/l
RT: 12.343 min Scan# 3960
Delta R.T. 0.273 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

Tgt Ion:173 Resp: 1101
Ion Ratio Lower Upper
173 100
175 706.4 23.8 71.2#
254 0.0 0.0 0.0

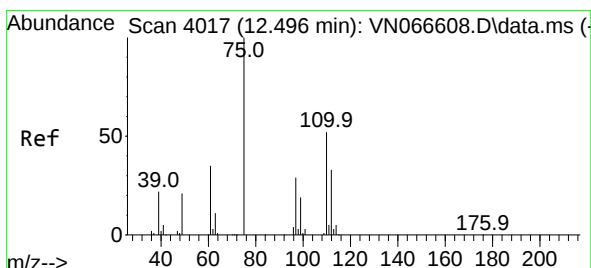
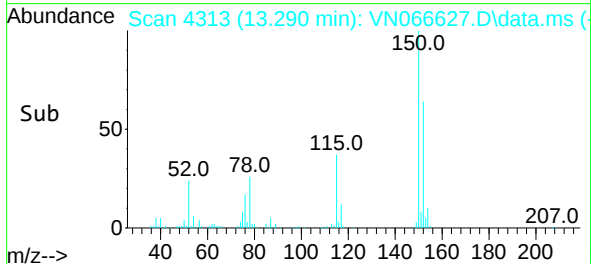
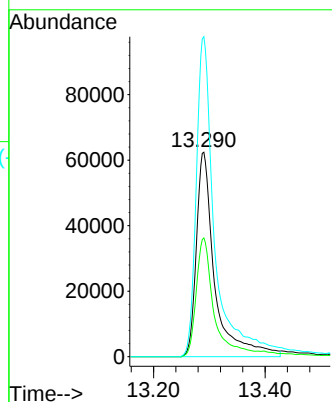
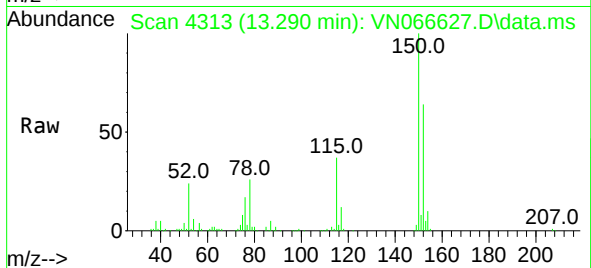




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.290 min Scan# 4313
 Delta R.T. 0.002 min
 Lab File: VN066627.D
 Acq: 16 Apr 2021 15:34

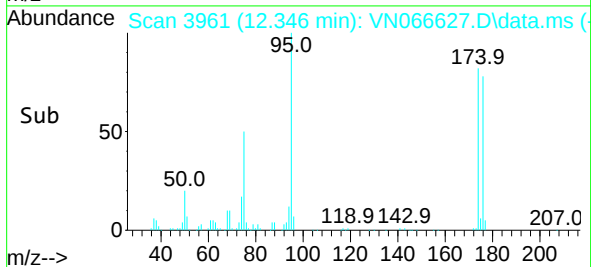
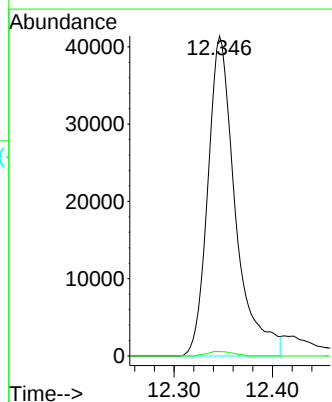
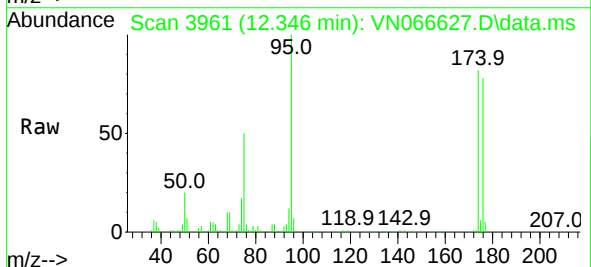
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBL01

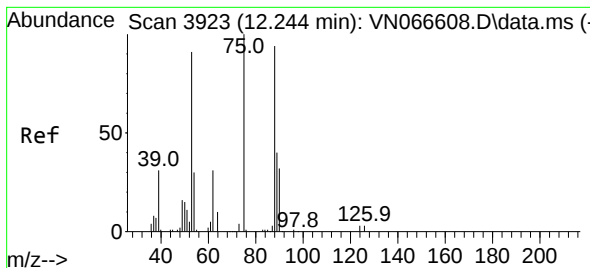
Tgt Ion:152 Resp: 143442
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.5 85.6
 150 161.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.96 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. -0.150 min
 Lab File: VN066627.D
 Acq: 16 Apr 2021 15:34

Tgt Ion: 75 Resp: 80371
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

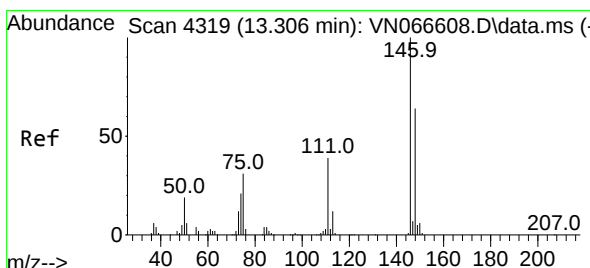
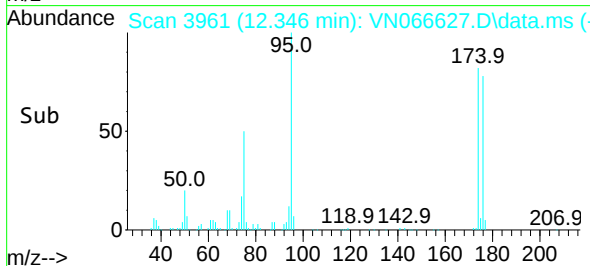
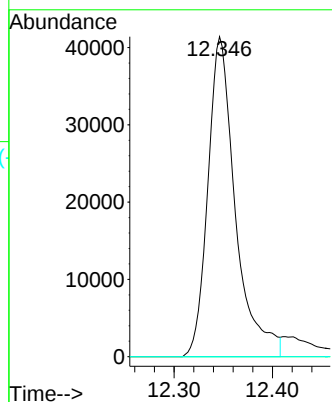
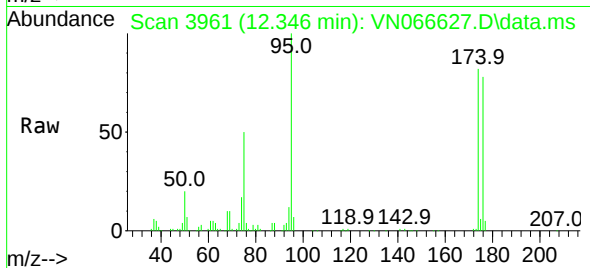




#81
trans-1,4-Dichloro-2-butene
Concen: 74.08 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

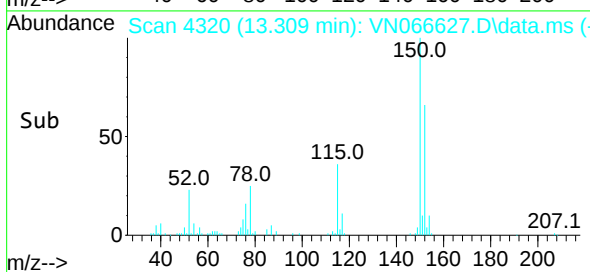
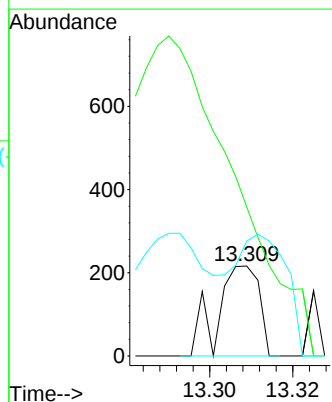
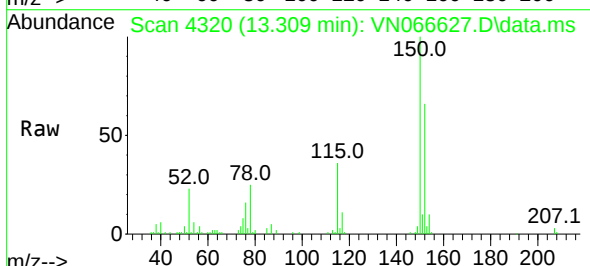
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

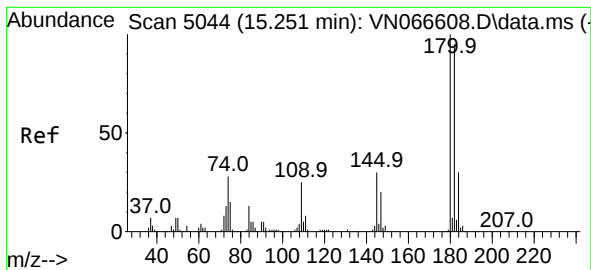
Tgt Ion: 75 Resp: 80371
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.309 min Scan# 4320
Delta R.T. 0.003 min
Lab File: VN066627.D
Acq: 16 Apr 2021 15:34

Tgt Ion: 146 Resp: 151
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 159.6 31.8 95.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.33 ug/l
 RT: 15.267 min Scan# 5050
 Delta R.T. 0.016 min
 Lab File: VN066627.D
 Acq: 16 Apr 2021 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBL01

Tgt Ion:180 Resp: 915
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.3#
 145 5.6 16.5 49.5#

