

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061313.D
 Acq On : 6 May 2020 16:36
 Operator : JC/MD
 Sample : L2464-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-50006

Quant Time: May 07 09:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	110533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	199590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	199063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	90343	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	7.55	113	53392	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
50) Toluene-d8	10.06	98	253387	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.38	95	99507	54.96	ug/l	0.00
Spiked Amount			Recovery	=	109.92%	

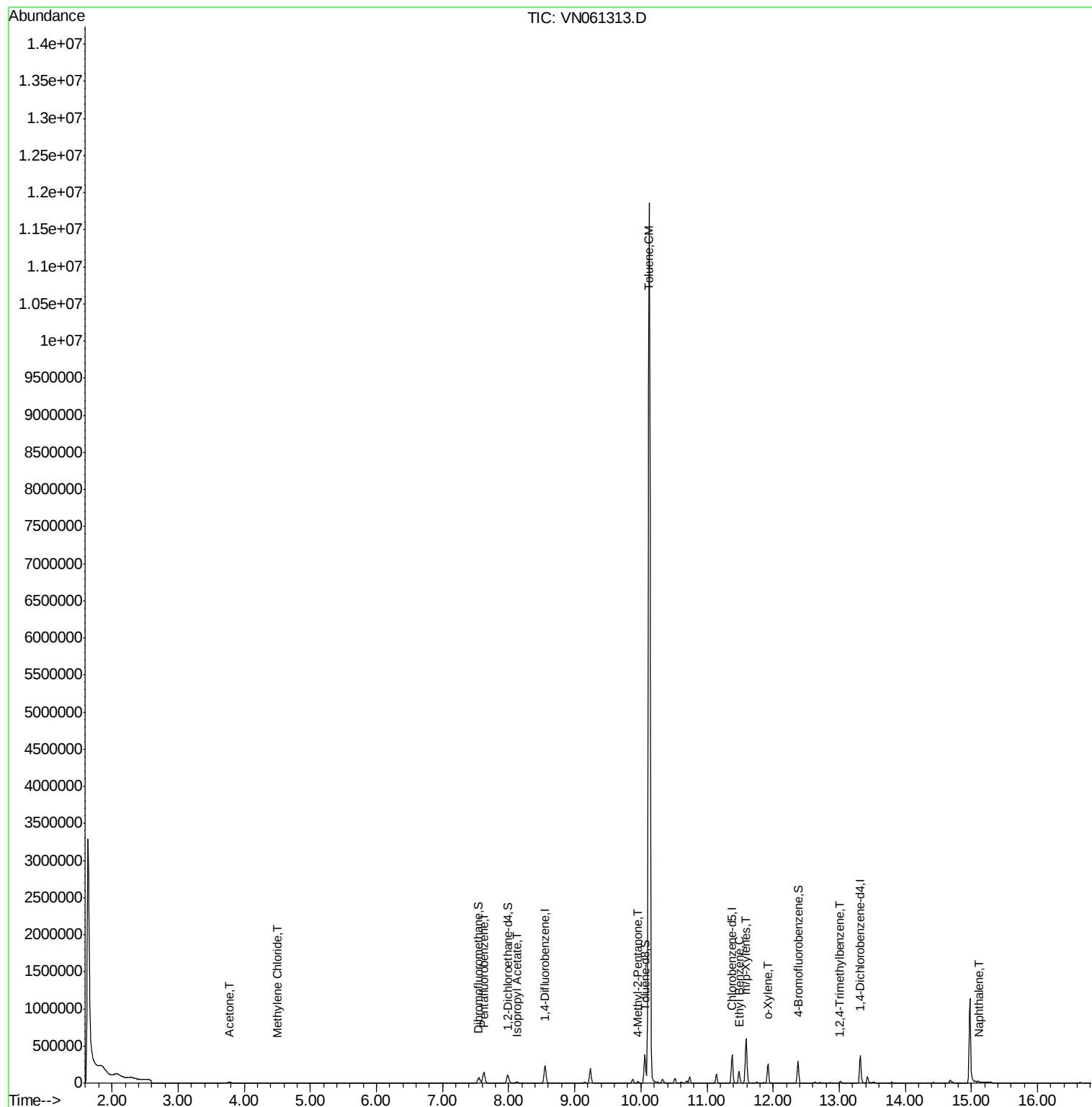
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	28255	37.066	ug/l	98
20) Methylene Chloride	4.50	84	2945	2.159	ug/l #	85
43) Isopropyl Acetate	8.12	43	22667	5.831	ug/l #	89
51) 4-Methyl-2-Pentanone	9.95	43	16338	7.140	ug/l	94
52) Toluene	10.13	92	5320828	1484.039	ug/l #	68
67) Ethyl Benzene	11.48	91	114020	15.425	ug/l	99
68) m/p-Xylenes	11.59	106	180702	66.786	ug/l	97
69) o-Xylene	11.92	106	65719	25.286	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	14254	2.523	ug/l	99
95) Naphthalene	15.11	128	7888	1.473	ug/l #	97

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

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QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

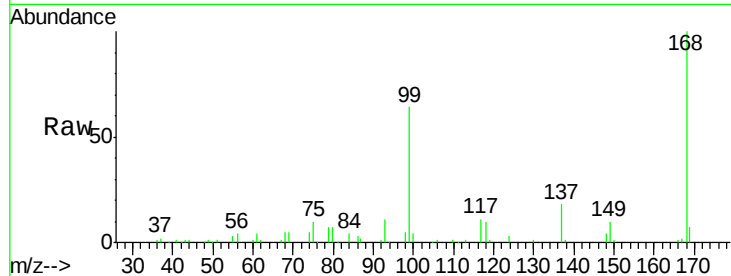
TRE-50006

Tot Ion:168 Resp: 110533

Ion Ratio Lower Upper

168 100

99 64.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

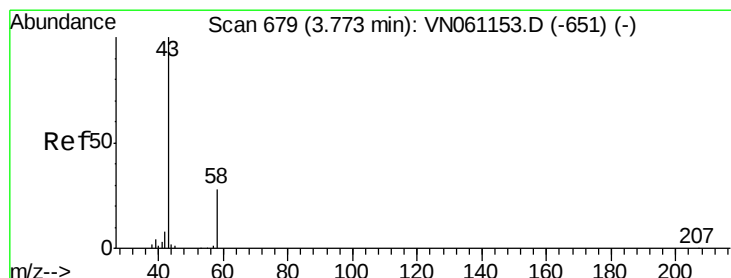
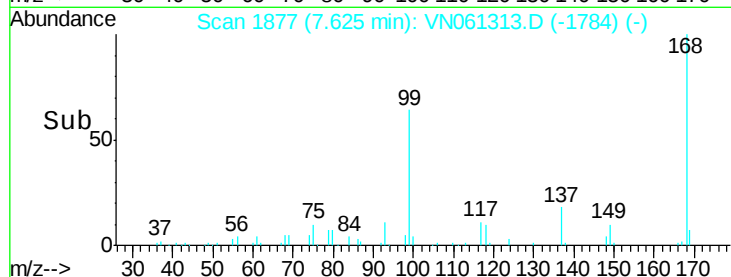
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 37.066 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061313.D

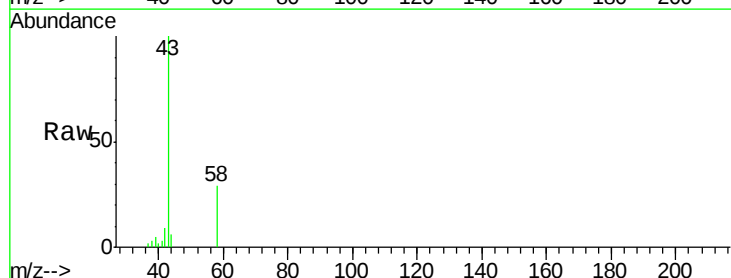
Acq: 6 May 2020 16:36

Tgt Ion: 43 Resp: 28255

Ion Ratio Lower Upper

43 100

58 28.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

12000

10000

8000

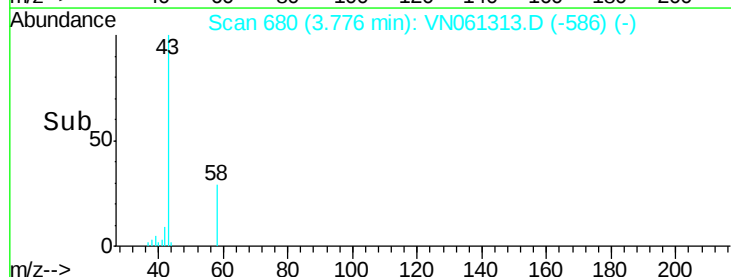
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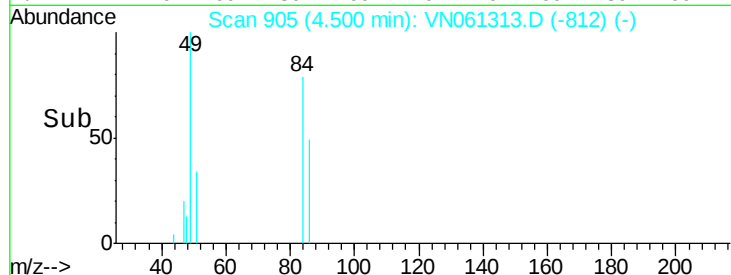
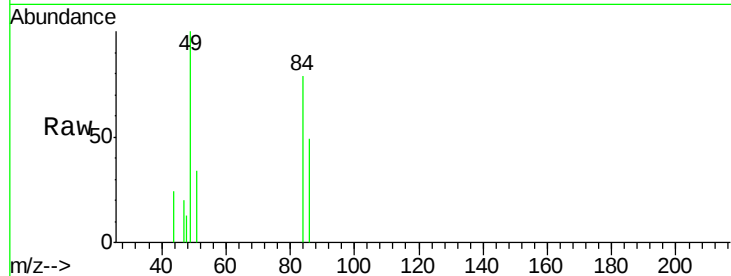
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

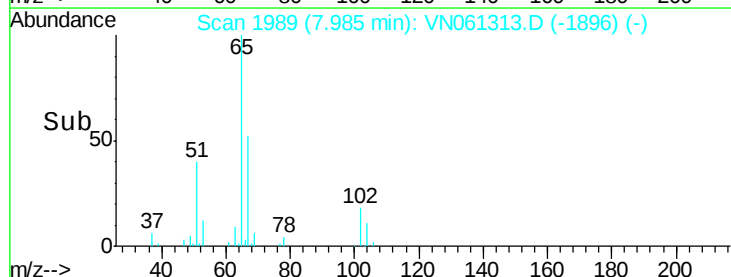
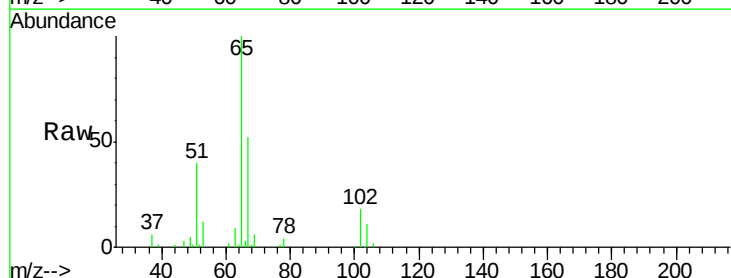
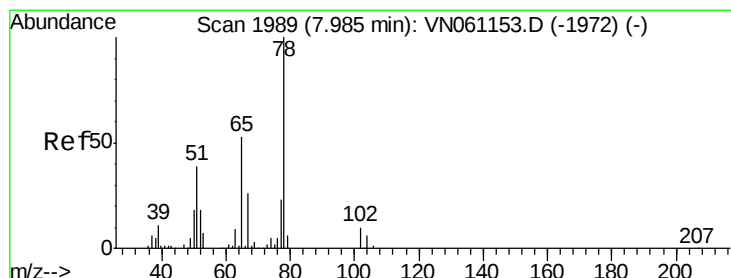
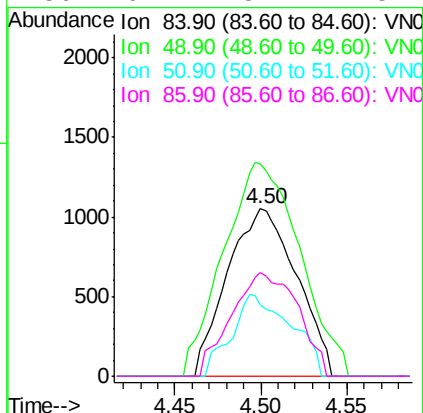




#20
Methvlene Chloride
Concen: 2.159 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

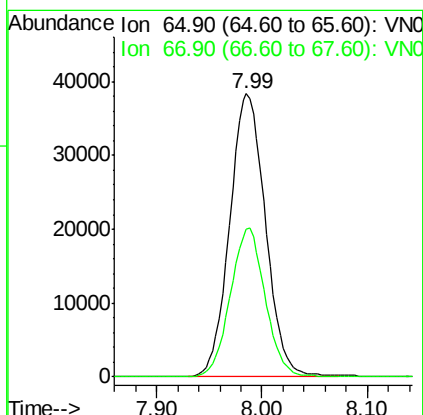
Instrument :
MSVOA_N
ClientSampleId :
TRE-50006

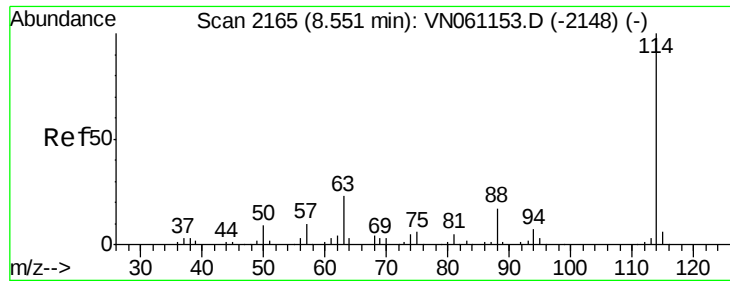
Tot Ion: 84 Resp: 2945
Ion Ratio Lower Upper
84 100
49 109.5 112.0 168.0#
51 43.1 33.6 50.4
86 62.1 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 51.655 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 65 Resp: 90343
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

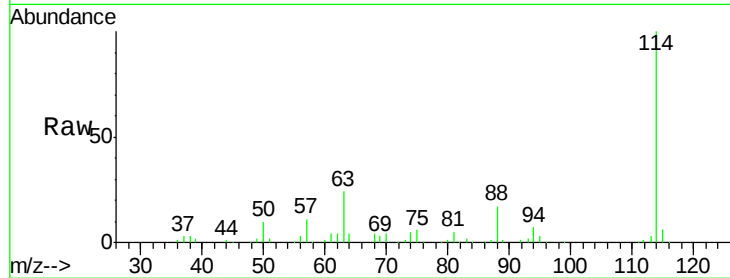




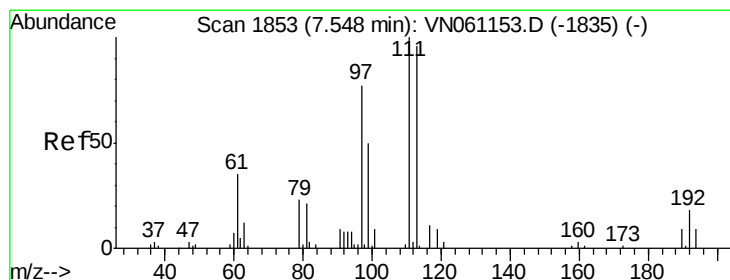
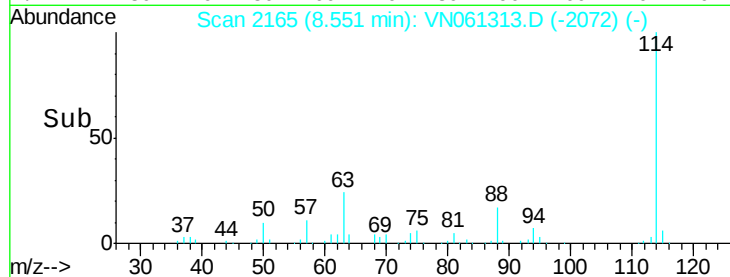
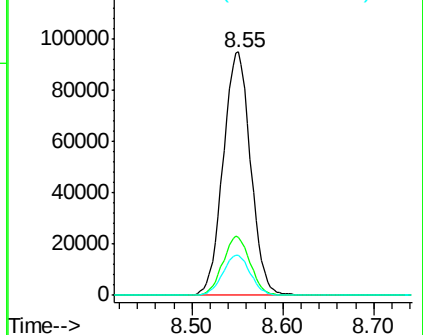
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-50006

Tot Ion:114 Resp: 199590
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.7 0.0 33.4

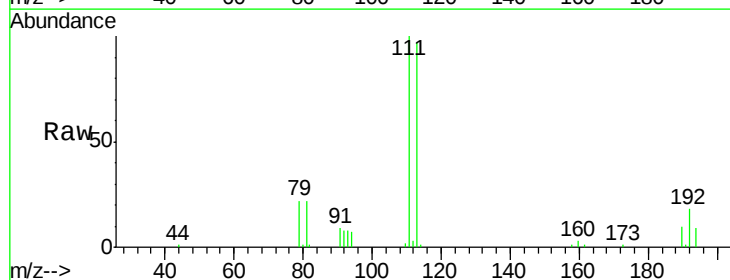


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

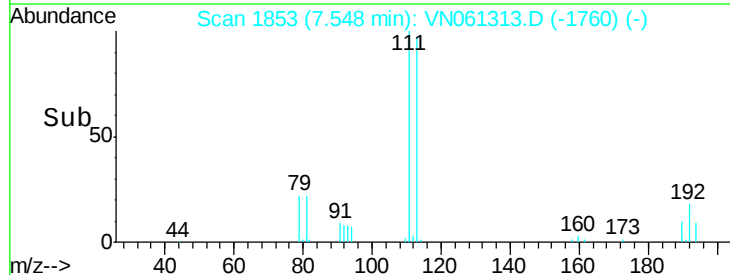
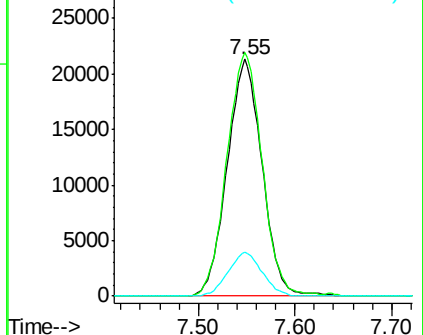


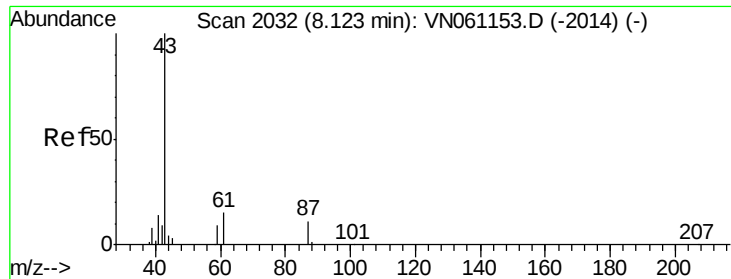
#35
 Dibromofluoromethane
 Concen: 45.239 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion:113 Resp: 53392
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 17.9 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

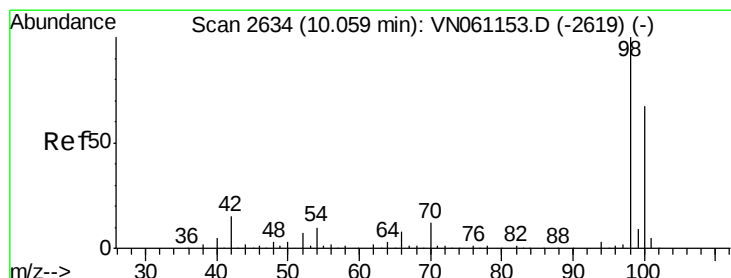
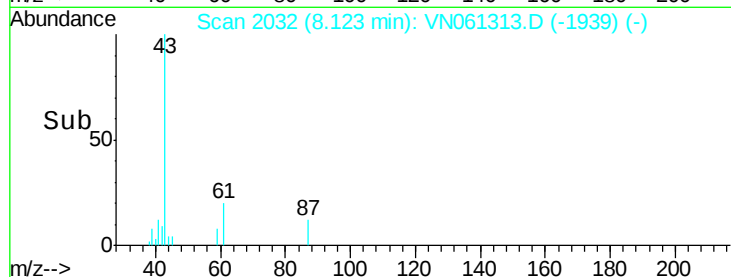
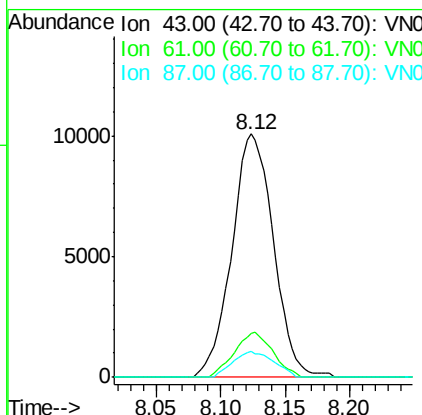
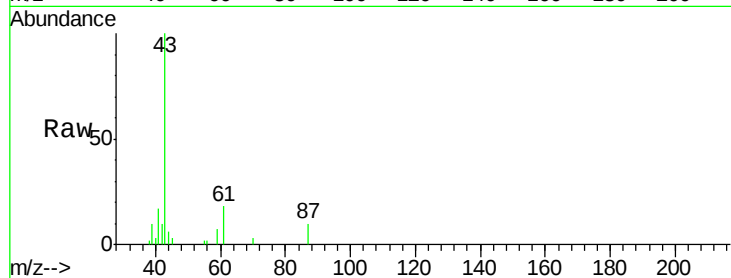




#43
Isopropyl Acetate
Concen: 5.831 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

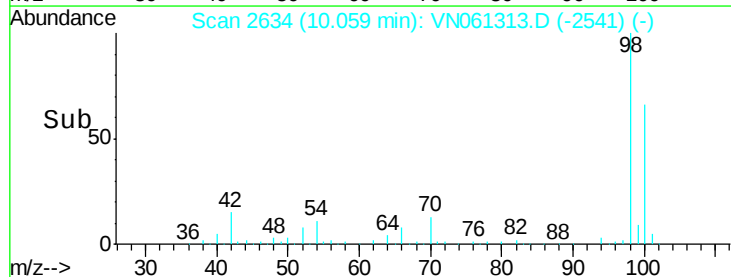
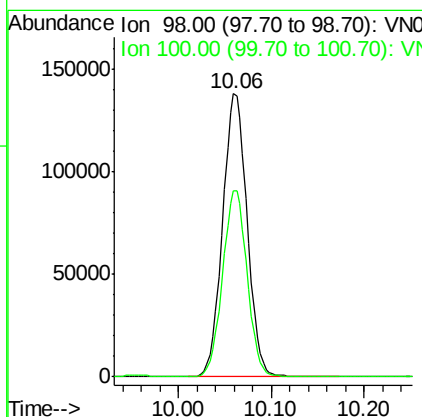
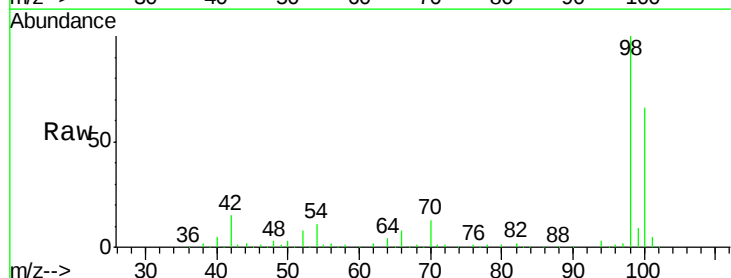
Instrument :
MSVOA_N
ClientSampled :
TRE-50006

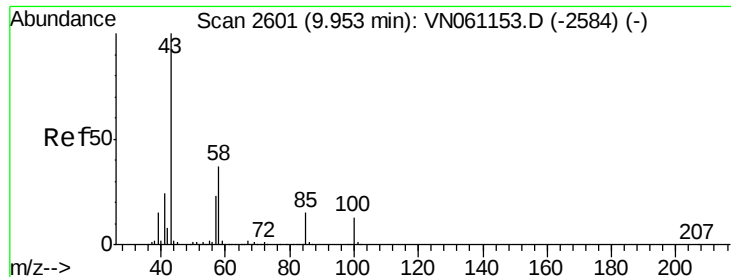
Tot Ion: 43 Resp: 22667
Ion Ratio Lower Upper
43 100
61 17.1 19.5 29.3#
87 10.4 8.9 13.3



#50
Toluene-d8
Concen: 52.666 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 98 Resp: 253387
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0

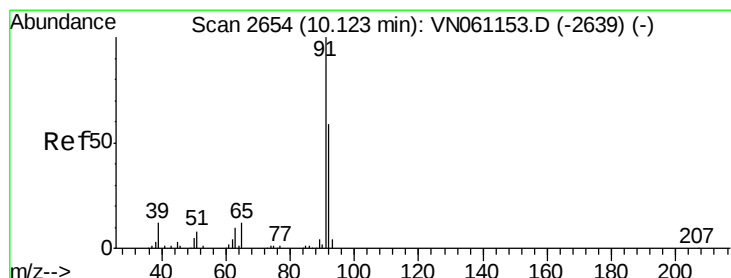
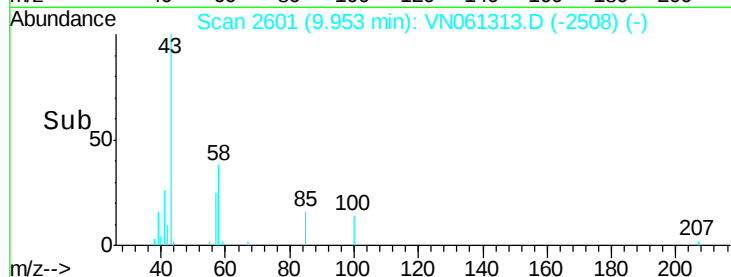
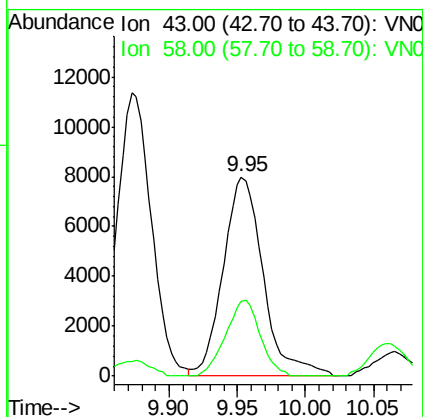
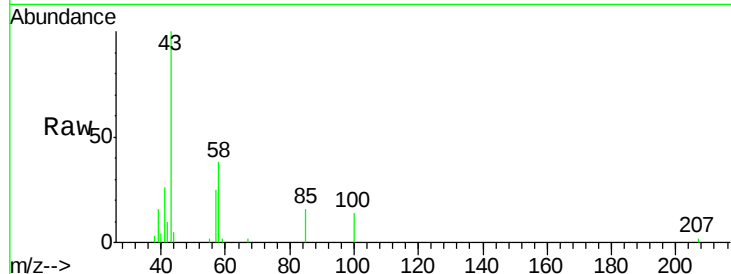




#51
 4-Methyl-2-Pentanone
 Concen: 7.140 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

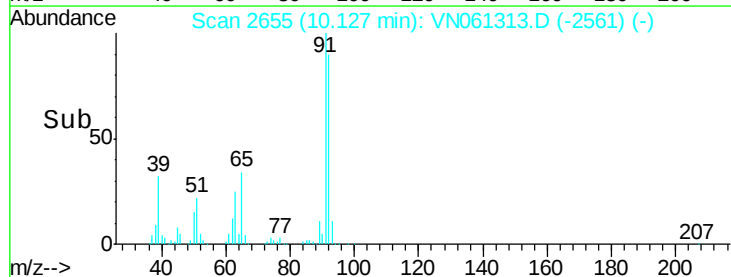
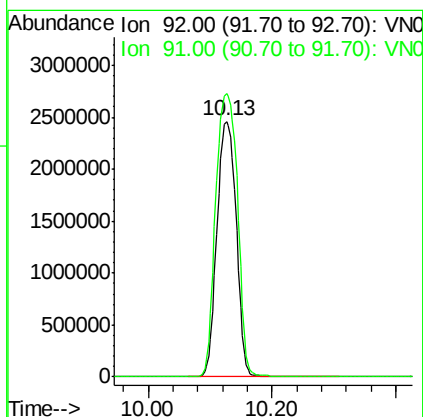
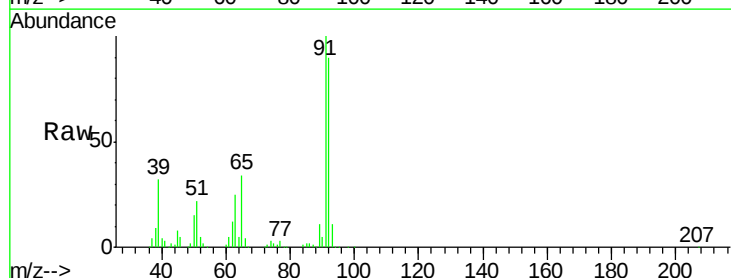
Instrument :
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 TRE-50006

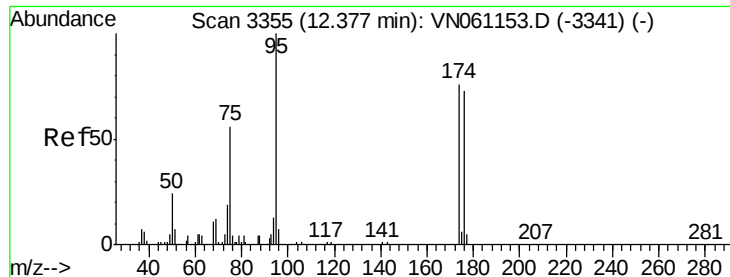
Tot Ion: 43 Resp: 16338
 Ion Ratio Lower Upper
 43 100
 58 32.9 29.1 43.7



#52
 Toluene
 Concen: 1484.039 ug/l
 RT: 10.13 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion: 92 Resp: 5320828
 Ion Ratio Lower Upper
 92 100
 91 125.9 136.2 204.2#

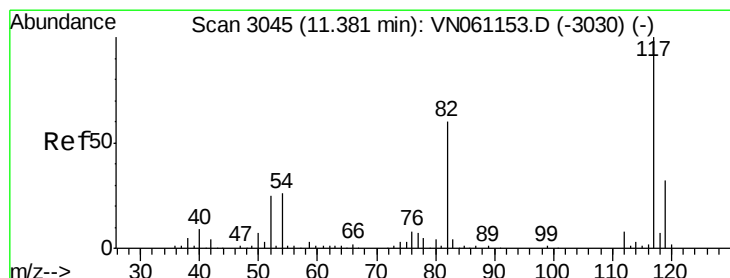
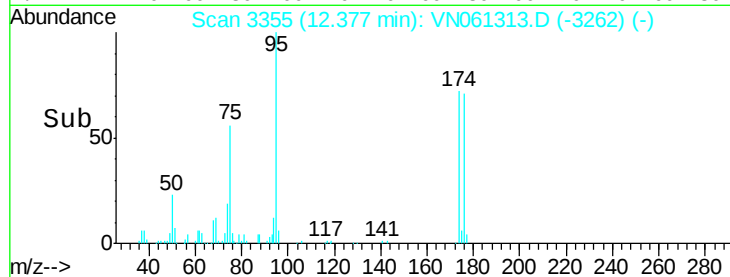
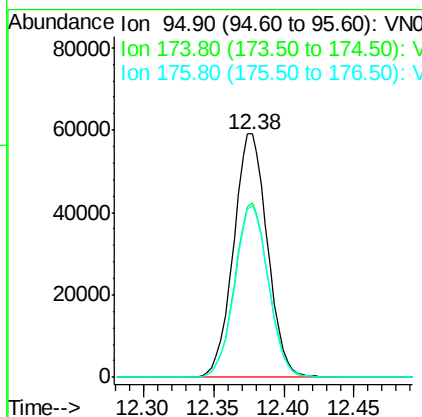
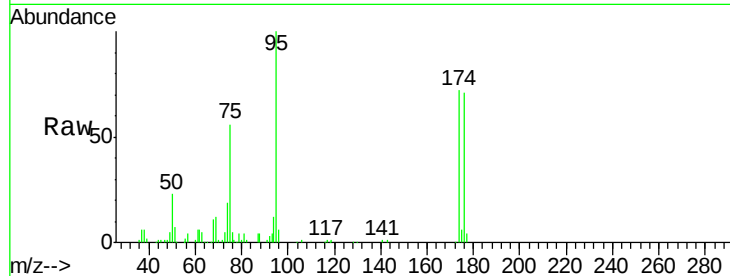




#62
 4-Bromofluorobenzene
 Concen: 54.960 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

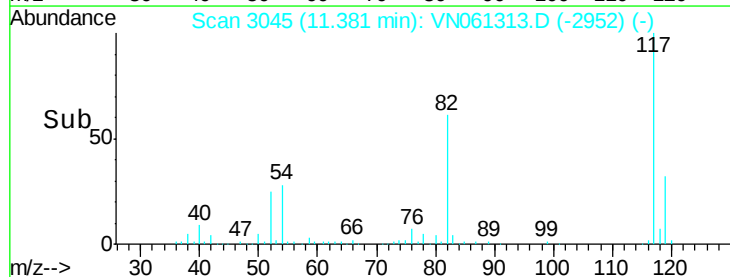
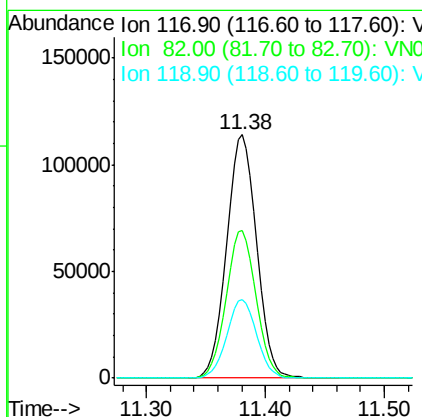
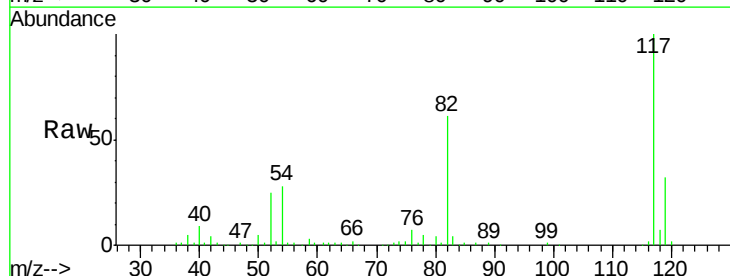
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 TRE-50006

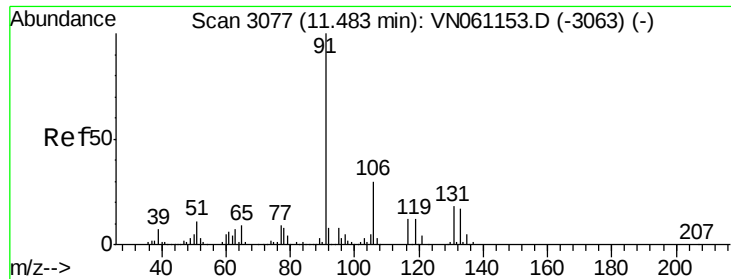
Tot Ion	95	Resp	99507
Ion Ratio	Lower	Upper	
95	100		
174	71.4	0.0	149.4
176	70.1	0.0	144.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 3045
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion	117	Resp	199063
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.8	71.8
119	32.4	25.8	38.6

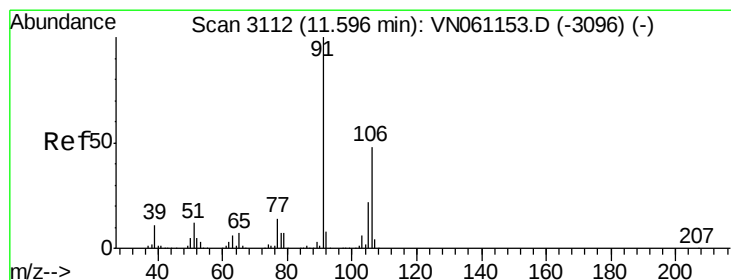
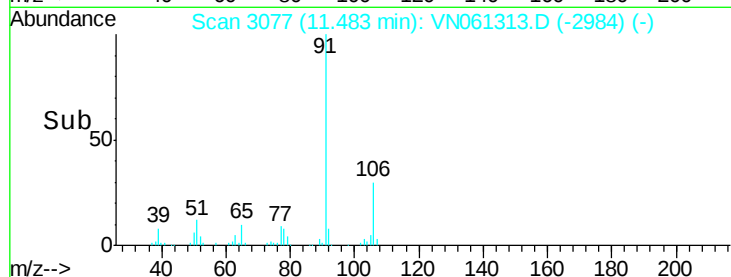
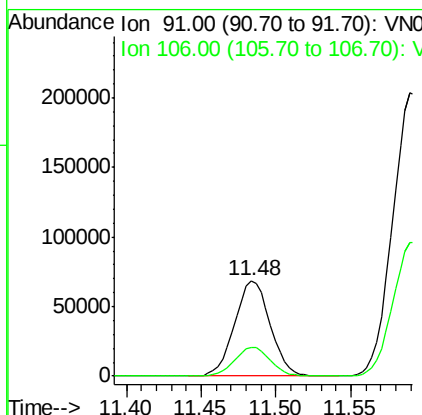
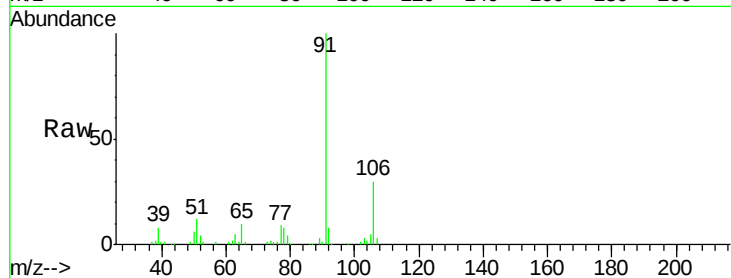




#67
Ethyl Benzene
Concen: 15.425 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

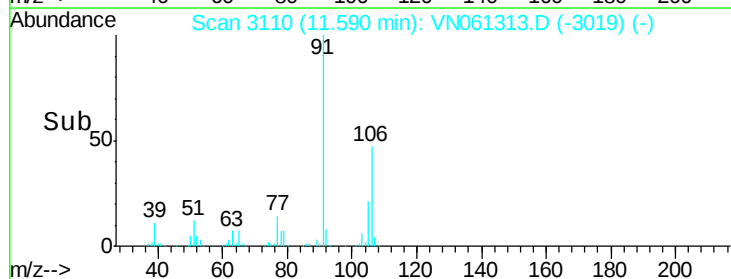
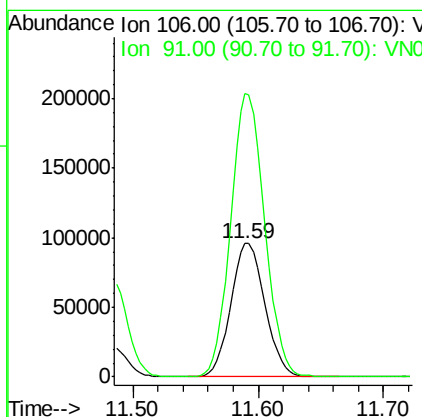
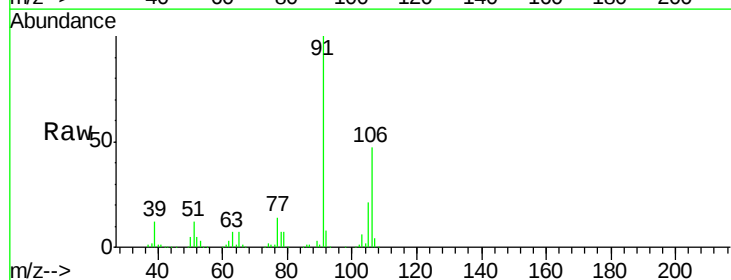
Instrument :
MSVOA_N
ClientSampled :
TRE-50006

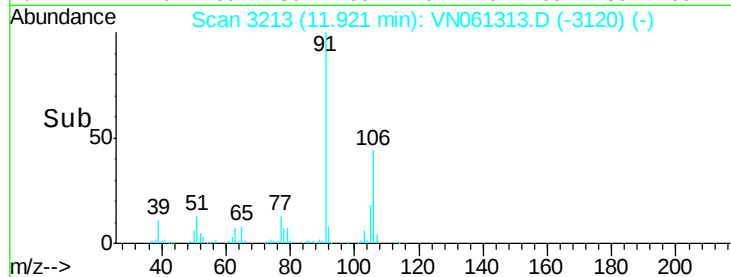
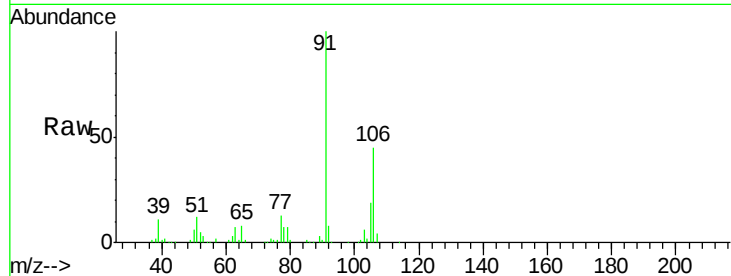
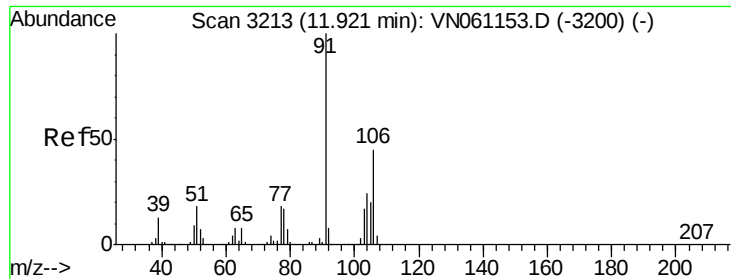
Tot Ion: 91 Resp: 114020
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 66.786 ug/l
RT: 11.59 min Scan# 3110
Delta R.T. -0.01 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 106 Resp: 180702
Ion Ratio Lower Upper
106 100
91 211.9 166.4 249.6

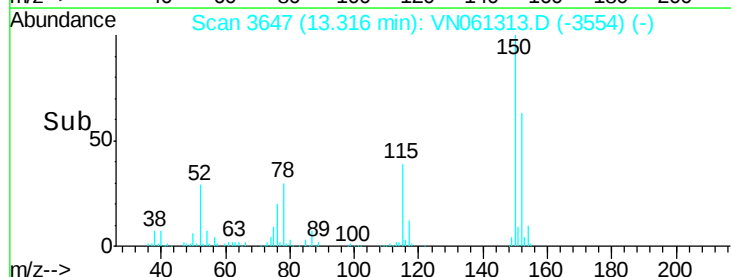
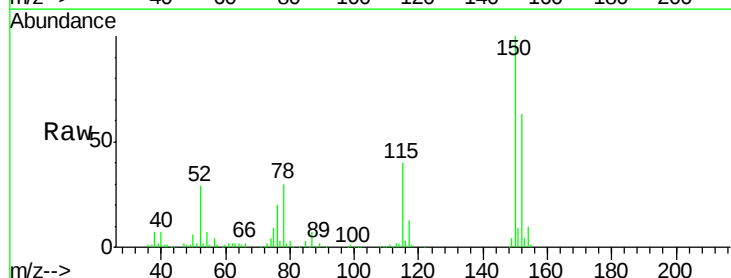
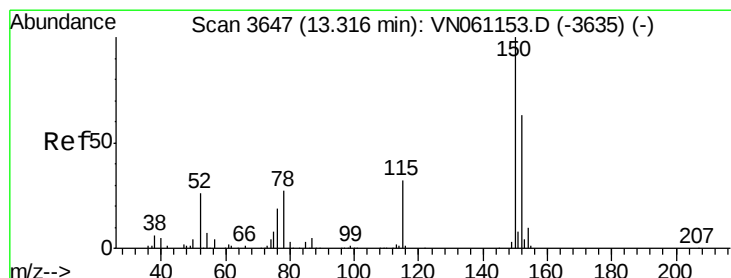
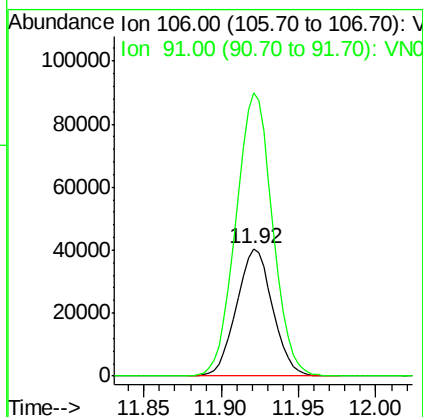




#69
o-Xylene
Concen: 25.286 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

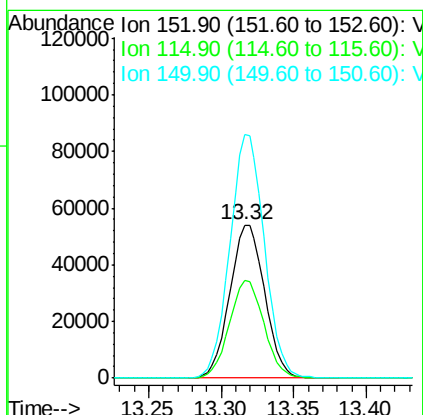
Instrument :
MSVOA_N
ClientSampled :
TRE-50006

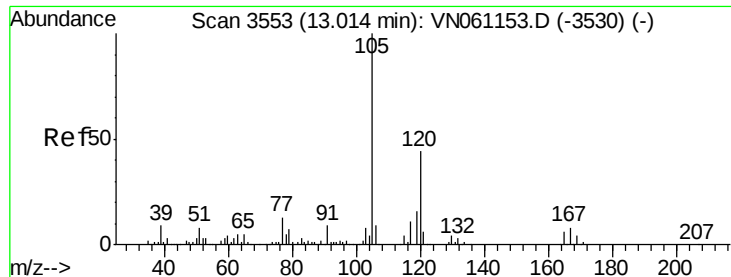
Tot Ion:106 Resp: 65719
Ion Ratio Lower Upper
106 100
91 225.4 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion:152 Resp: 90137
Ion Ratio Lower Upper
152 100
115 63.1 31.0 93.0
150 157.4 0.0 351.8





#84

1,2,4-Trimethylbenzene

Concen: 2.523 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. 0.00 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

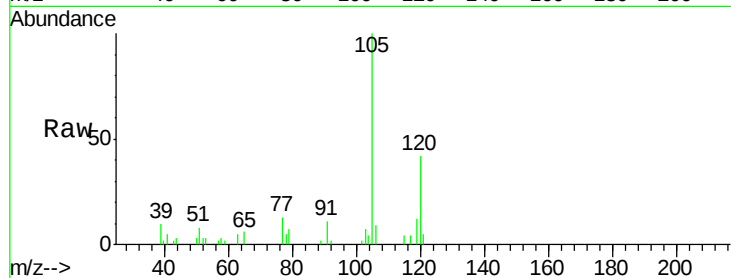
TRE-50006

Tot Ion:105 Resp: 14254

Ion Ratio Lower Upper

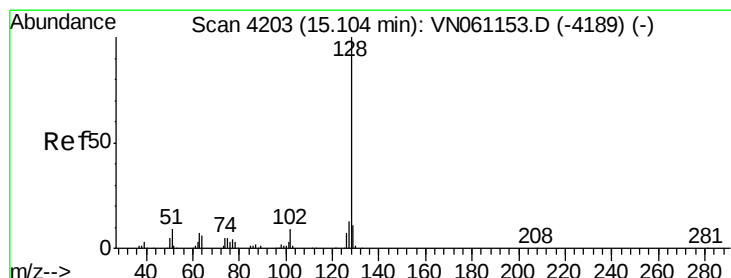
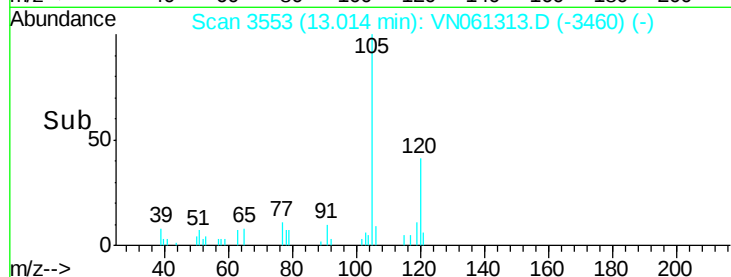
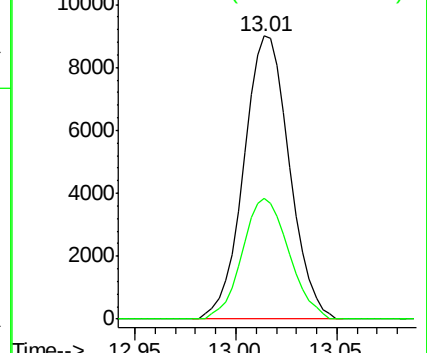
105 100

120 43.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.473 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

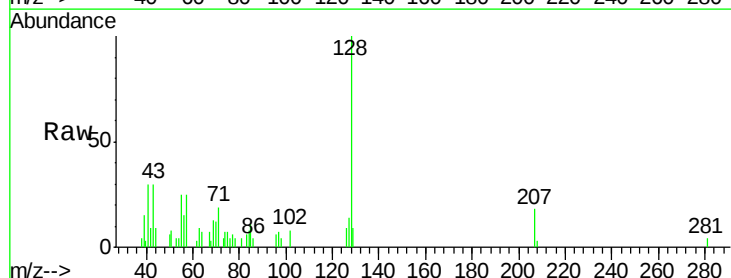
Tgt Ion:128 Resp: 7888

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 8.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

