

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061488.D
 Acq On : 19 May 2020 17:07
 Operator : JC/MD
 Sample : L2665-03RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

Quant Time: May 20 13:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	331989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	591909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	557495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	238750	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	220184	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	
35) Dibromofluoromethane	7.55	113	26212	8.45	ug/l	0.00
Spiked Amount			Recovery	=	16.90%	
50) Toluene-d8	10.06	98	717023	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.37	95	269278	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	

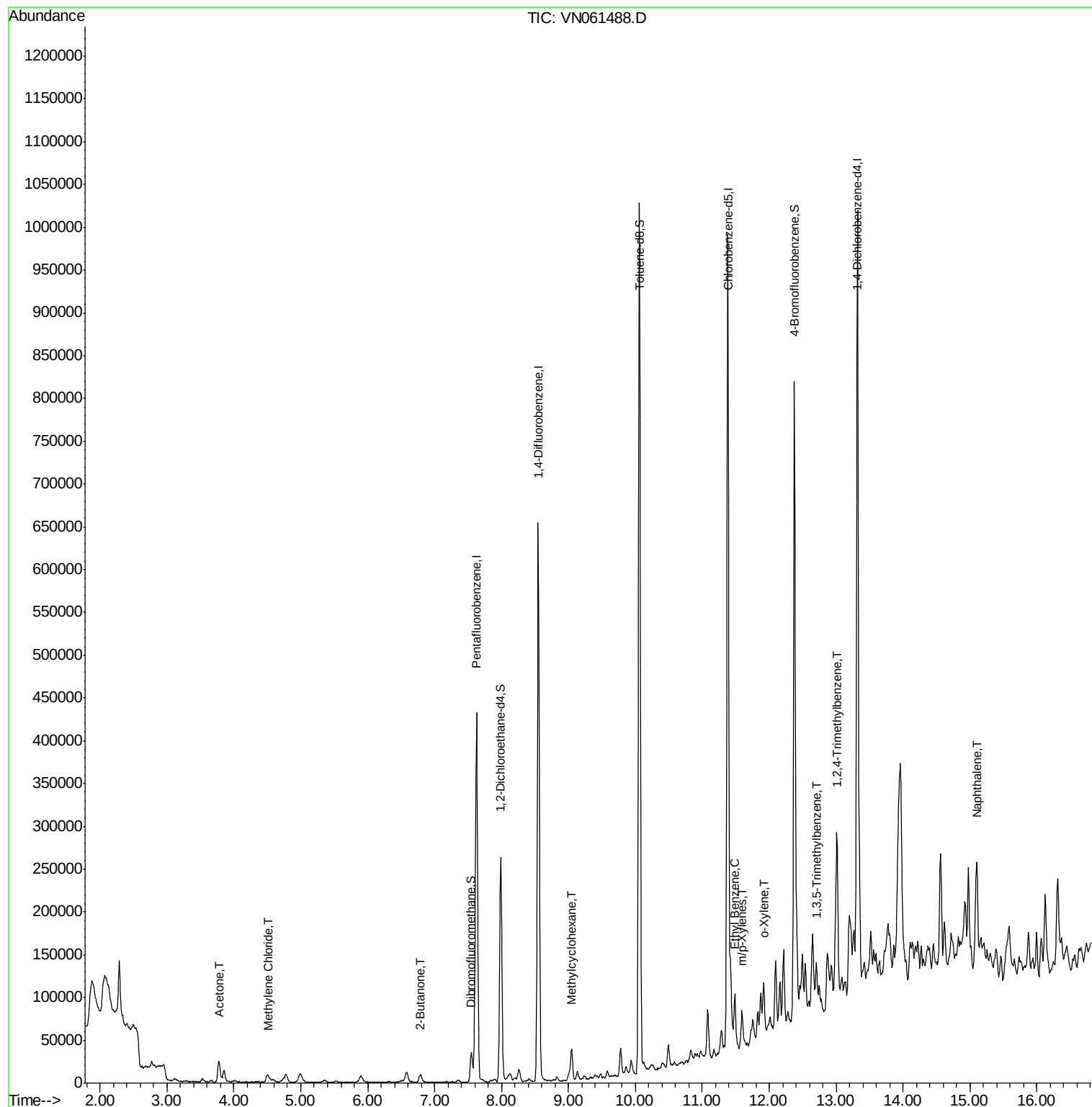
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	42237	22.929	ug/l	93
20) Methylene Chloride	4.51	84	5941	1.459	ug/l	96
25) 2-Butanone	6.79	43	13666	6.058	ug/l	95
39) Methylcyclohexane	9.05	83	17211	2.546	ug/l	95
67) Ethyl Benzene	11.48	91	34835	1.679	ug/l	98
68) m/p-Xylenes	11.59	106	16639	2.112	ug/l	86
69) o-Xylene	11.92	106	14556	1.910	ug/l	81
80) 1,3,5-Trimethylbenzene	12.71	105	22488	1.433	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	70949	4.517	ug/l	99
95) Naphthalene	15.10	128	87037	6.914	ug/l #	95

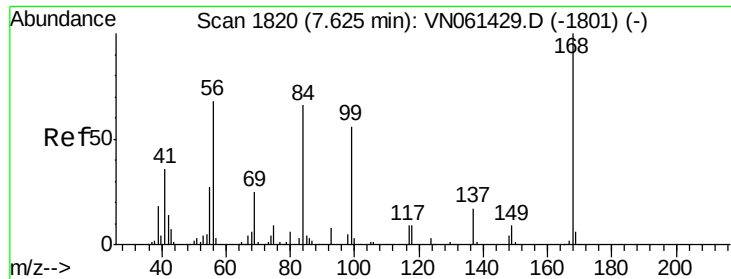
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

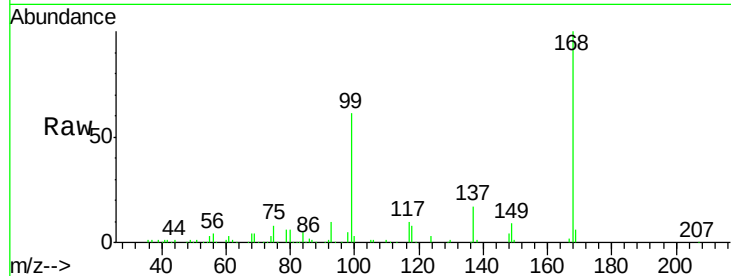
AMENDED-COMP-SPLP-LEACHATE

Tot Ion:168 Resp: 331989

Ion Ratio Lower Upper

168 100

99 60.6 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

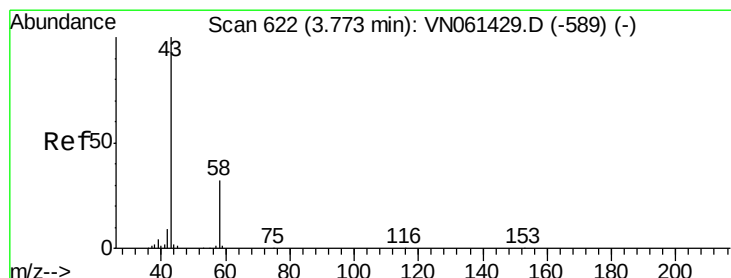
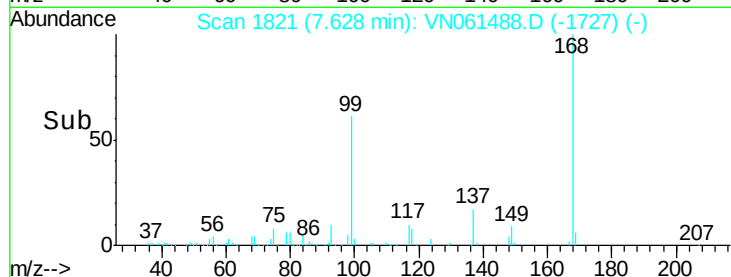
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 22.929 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061488.D

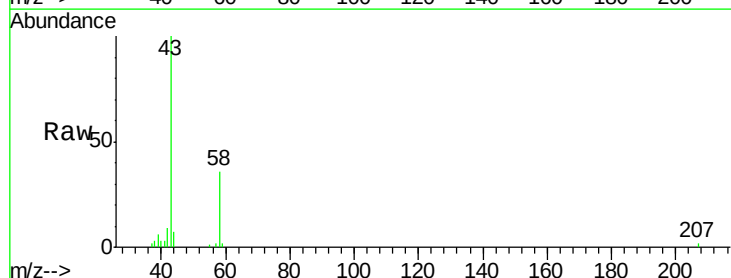
Acq: 19 May 2020 17:07

Tgt Ion: 43 Resp: 42237

Ion Ratio Lower Upper

43 100

58 35.8 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

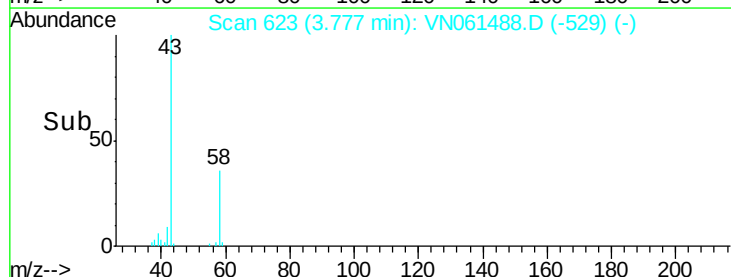
15000

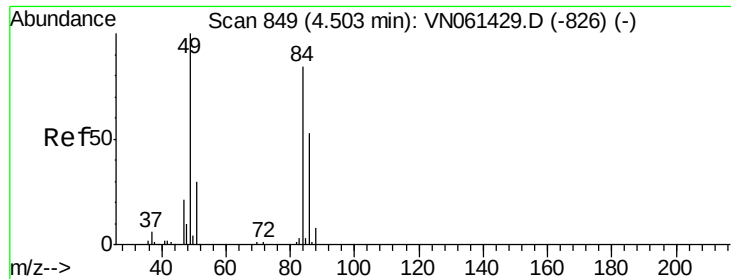
10000

5000

0

Time--> 3.70 3.80 3.90

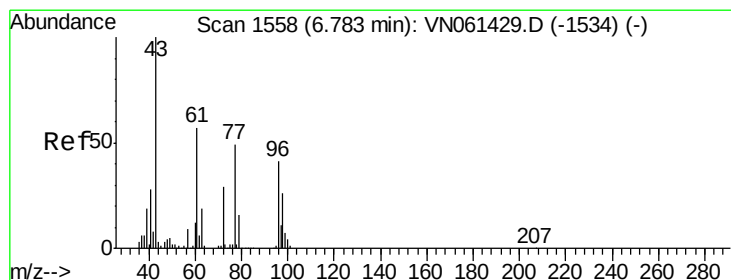
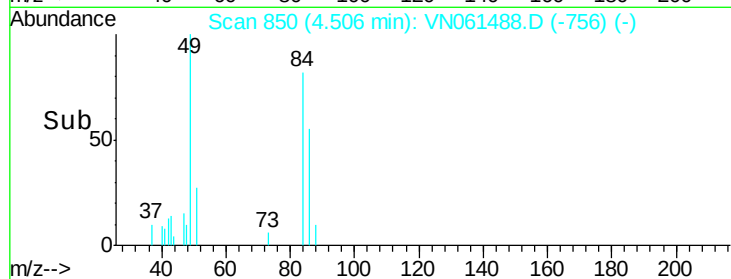
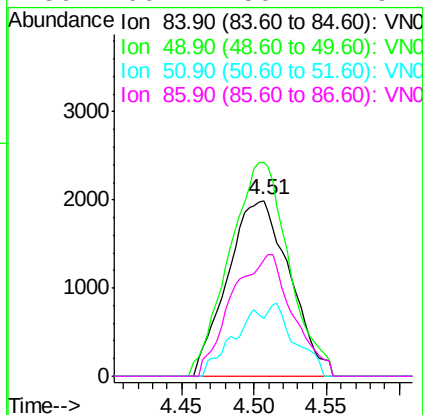
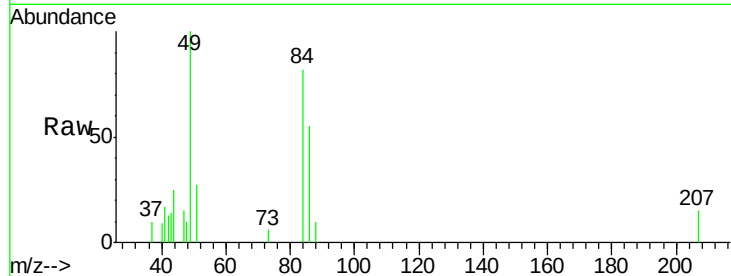




#20
Methvlene Chloride
Concen: 1.459 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

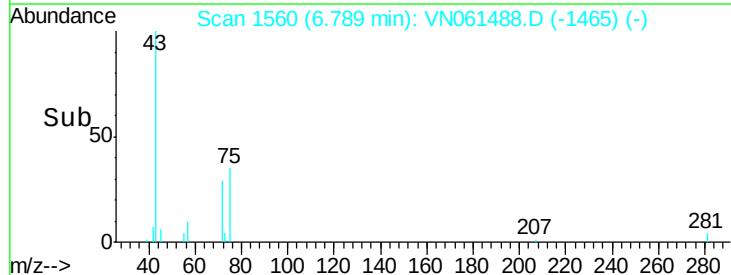
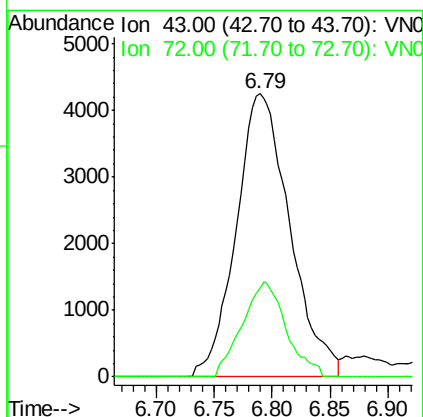
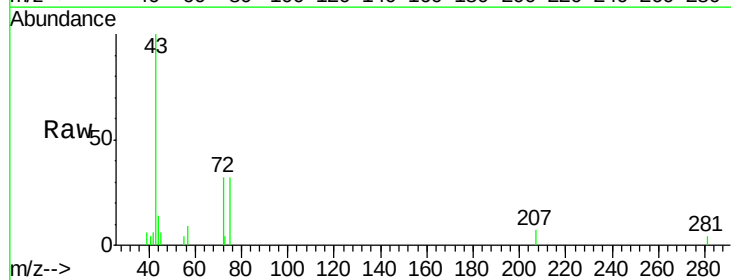
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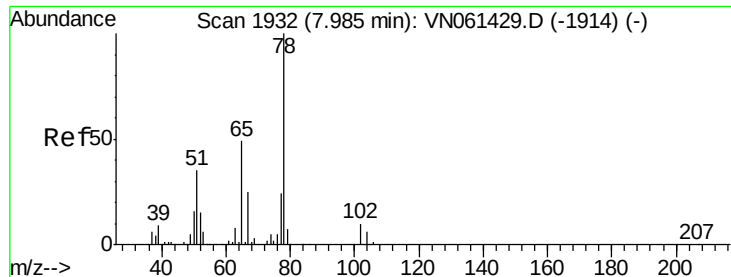
Tot Ion:	84	Resp:	5941
Ion	Ratio	Lower	Upper
84	100		
49	121.8	95.3	142.9
51	33.1	29.0	43.6
86	66.7	50.2	75.2



#25
2-Butanone
Concen: 6.058 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion:	43	Resp:	13666
Ion	Ratio	Lower	Upper
43	100		
72	31.5	23.0	34.6

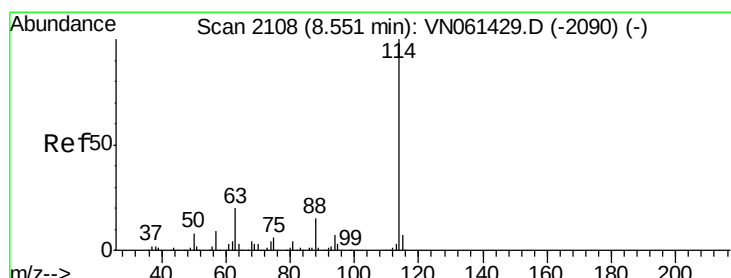
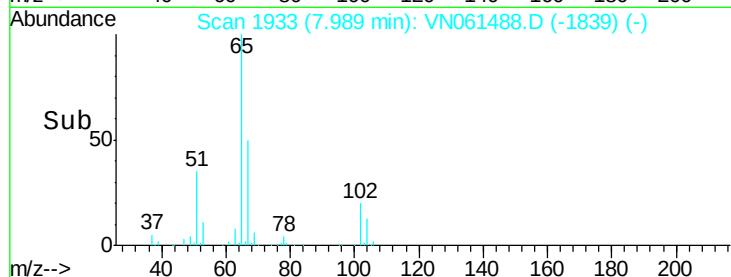
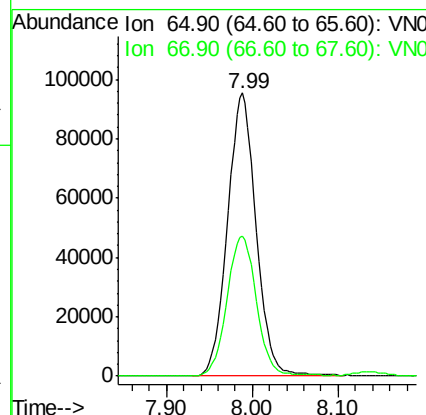
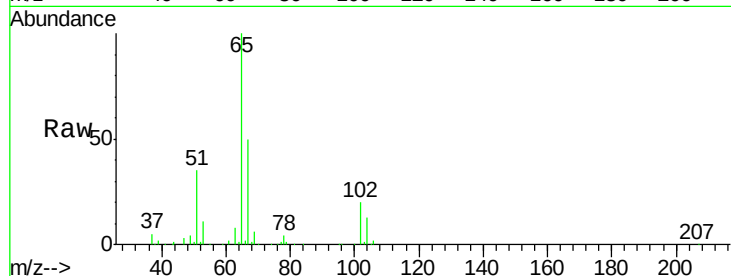




#33
 1,2-Dichloroethane-d4
 Concen: 44.439 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

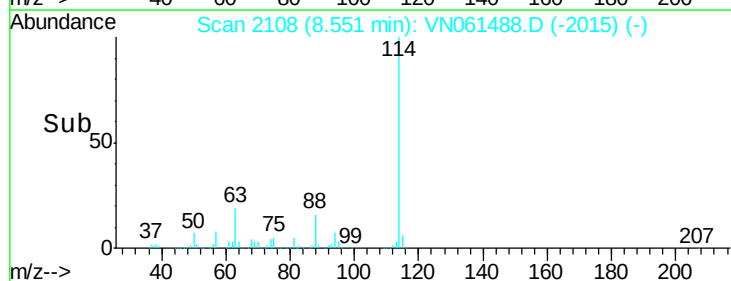
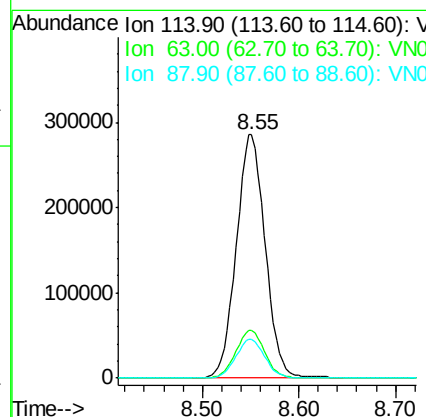
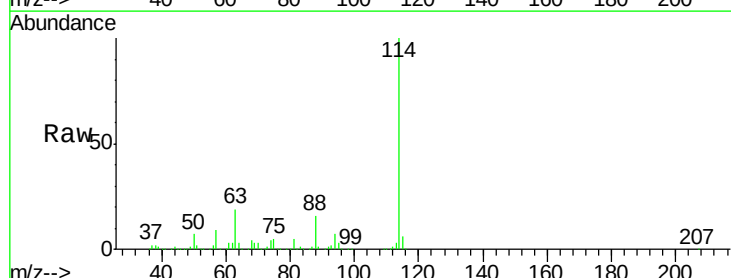
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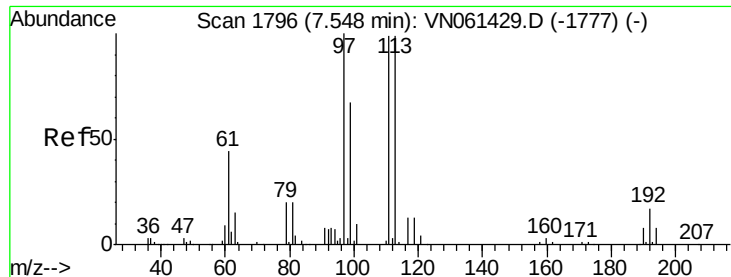
Tot Ion: 65 Resp: 220184
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Tgt Ion: 114 Resp: 591909
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 16.0 0.0 30.8

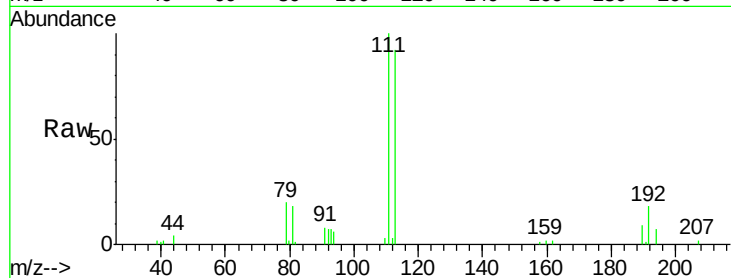




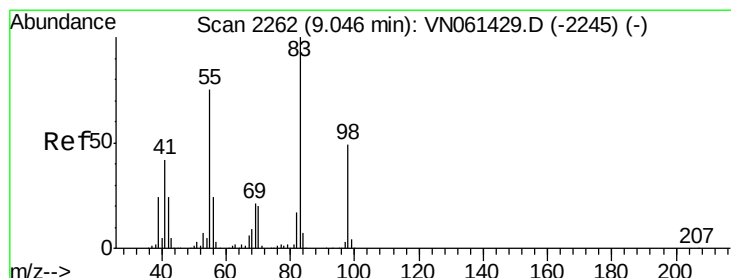
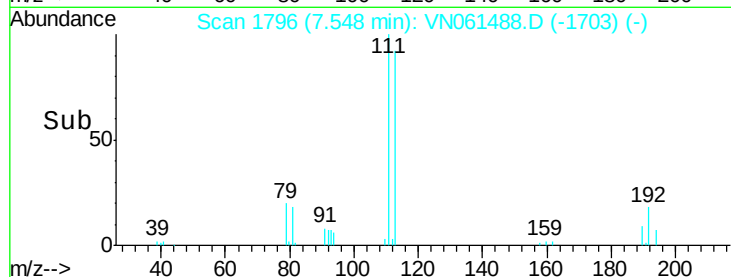
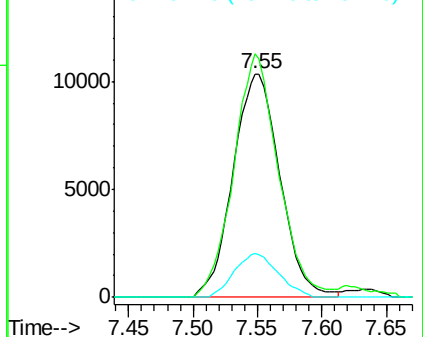
#35
 Dibromofluoromethane
 Concen: 8.453 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

Tot Ion:113 Resp: 26212
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.6 121.0
 192 18.4 13.2 19.8

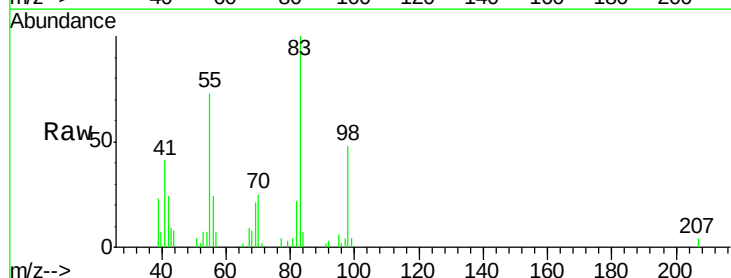


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

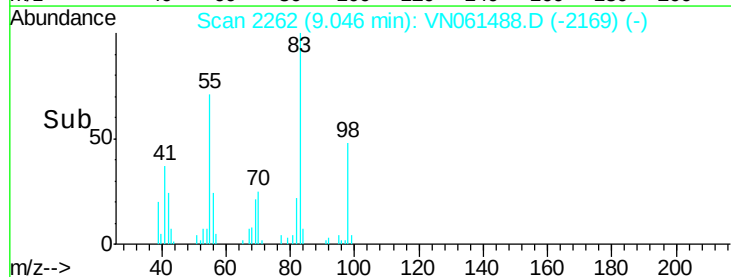
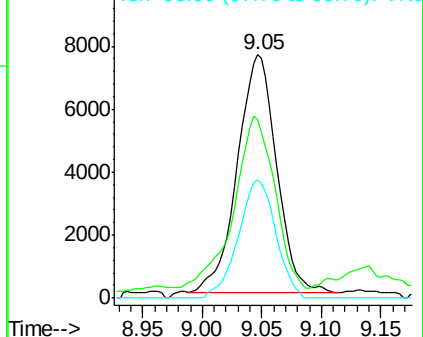


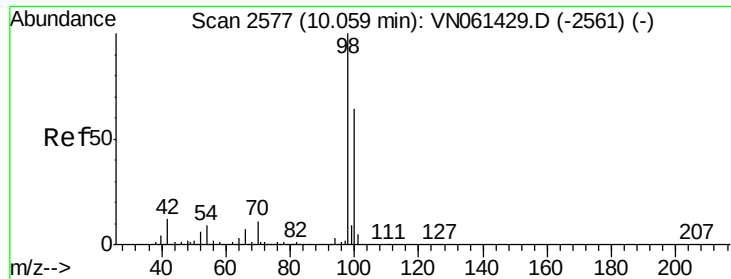
#39
 Methylcyclohexane
 Concen: 2.546 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Tgt Ion: 83 Resp: 17211
 Ion Ratio Lower Upper
 83 100
 55 68.6 59.7 89.5
 98 49.6 38.9 58.3



Abundance Ion 83.00 (82.70 to 83.70): V
 Ion 55.00 (54.70 to 55.70): V
 Ion 98.00 (97.70 to 98.70): V





#50

Toluene-d8

Concen: 49.854 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

Instrument :

MSVOA_N

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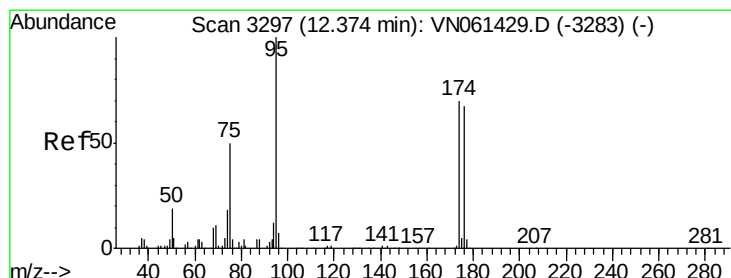
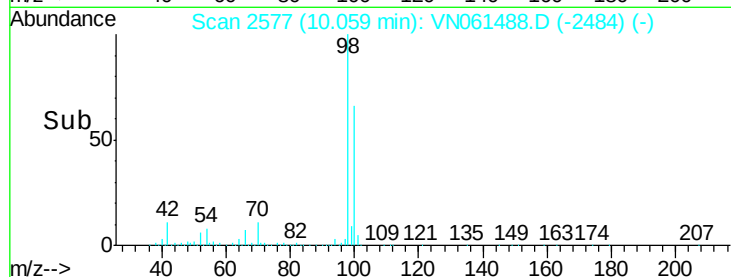
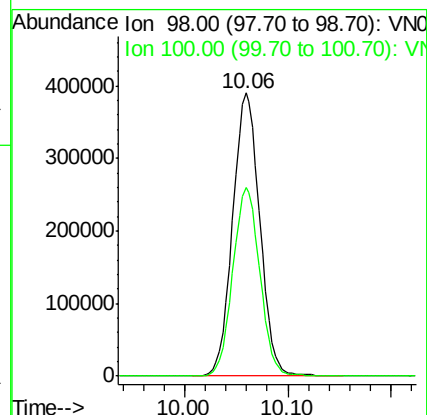
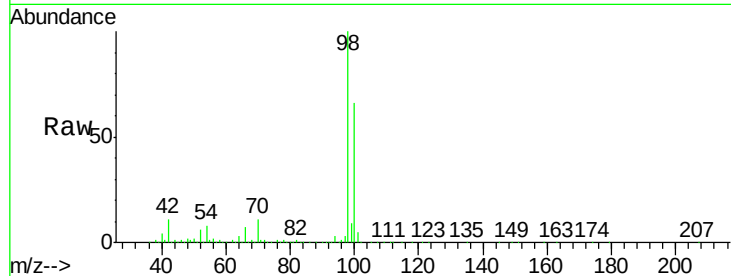
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 98 Resp: 717023

Ion Ratio Lower Upper

98 100

100 66.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.113 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

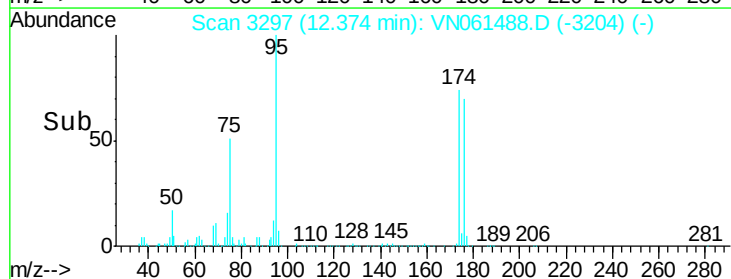
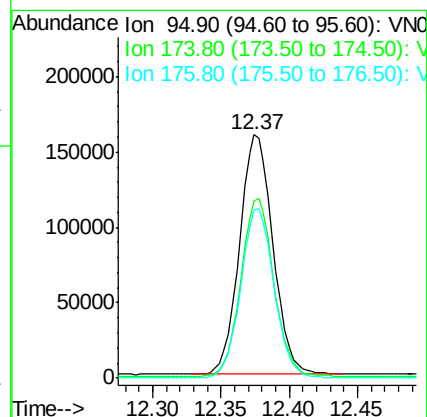
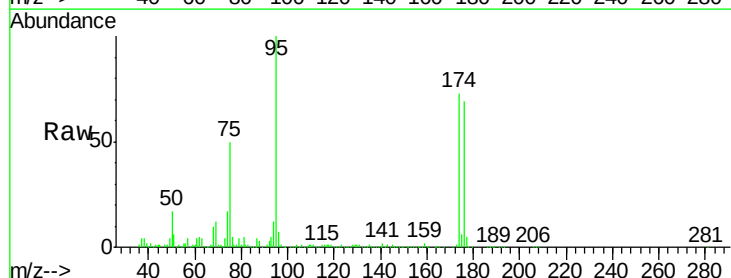
Tgt Ion: 95 Resp: 269278

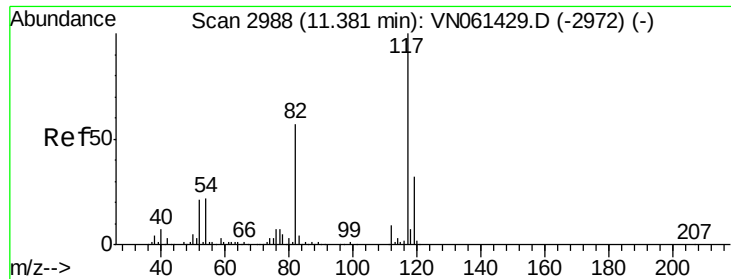
Ion Ratio Lower Upper

95 100

174 73.4 0.0 141.2

176 70.8 0.0 137.6

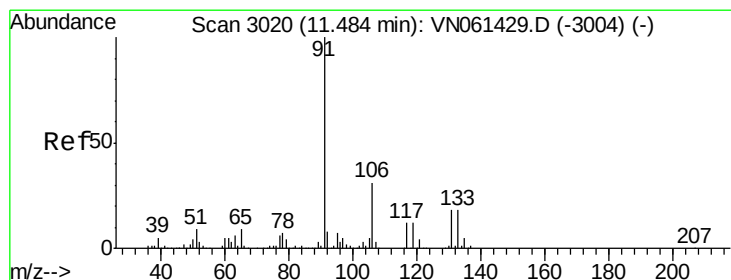
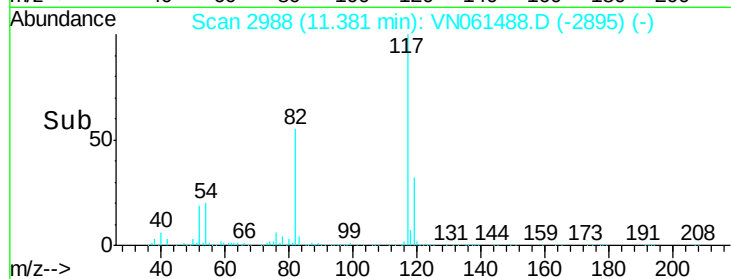
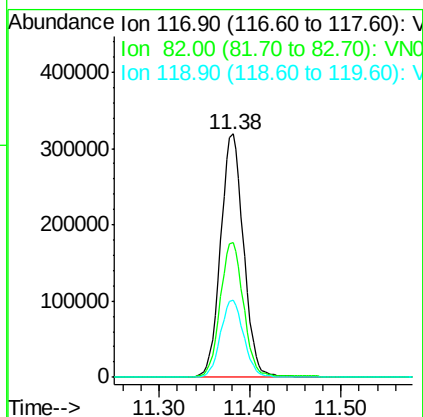
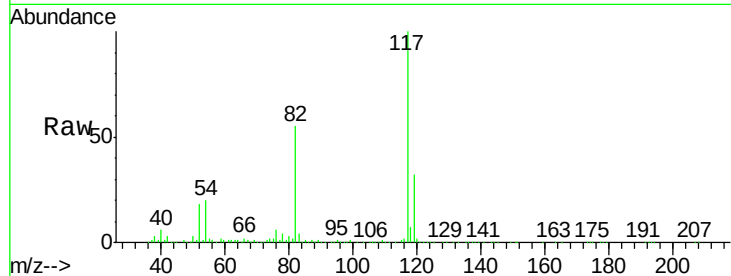




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

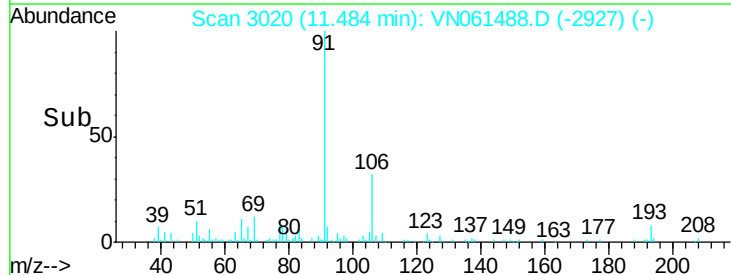
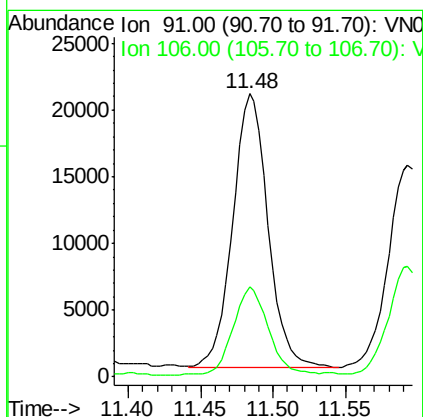
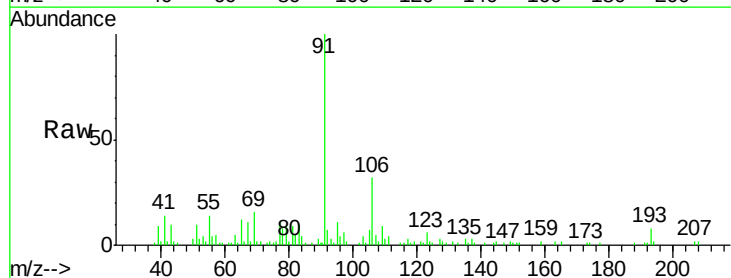
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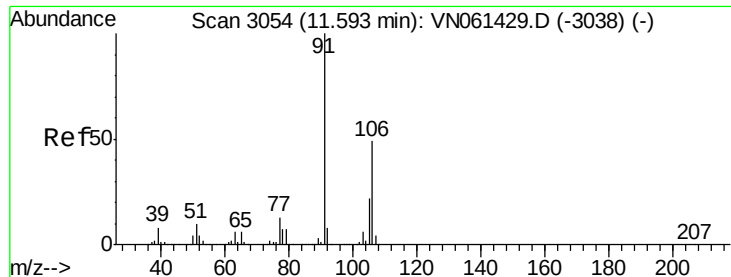
Tot Ion:117 Resp: 557495
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 31.4 25.3 37.9



#67
Ethyl Benzene
Concen: 1.679 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion: 91 Resp: 34835
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

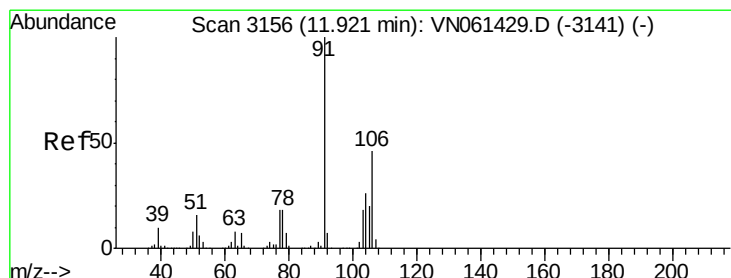
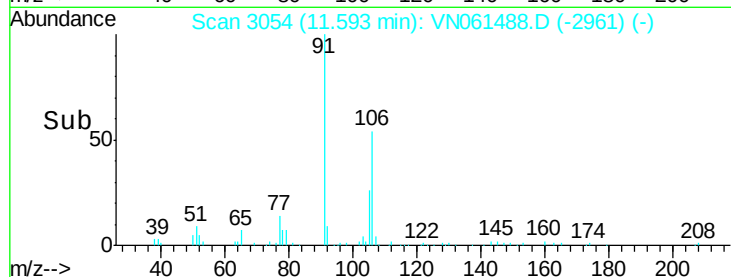
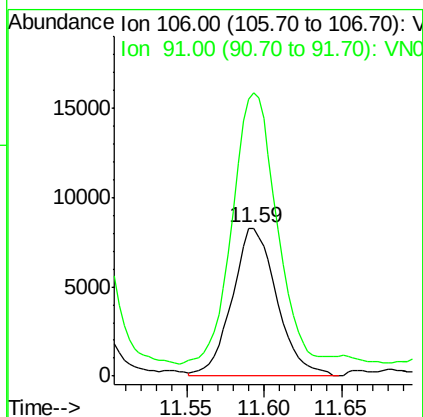
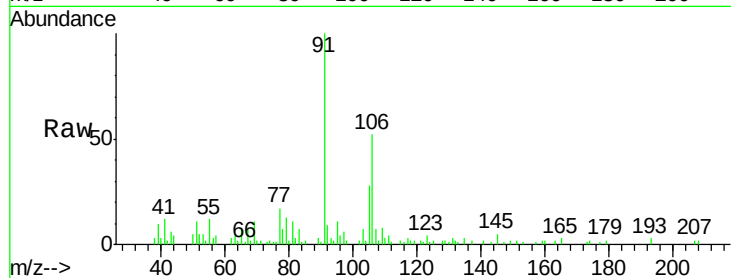




#68
m/p-Xylenes
Concen: 2.112 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

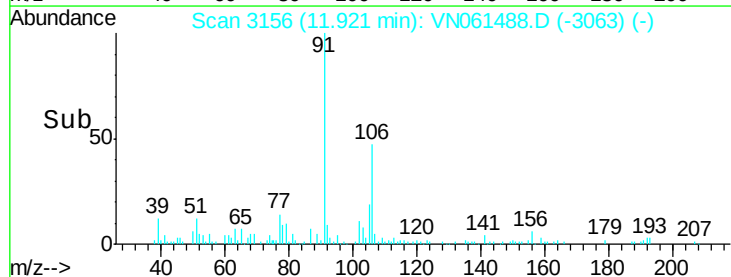
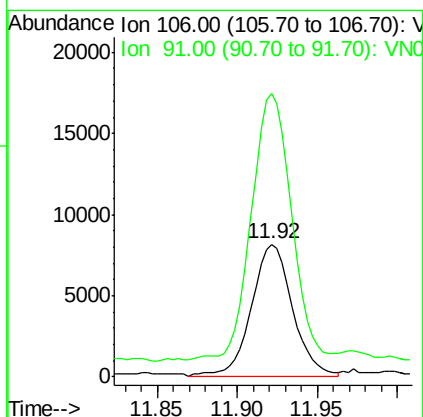
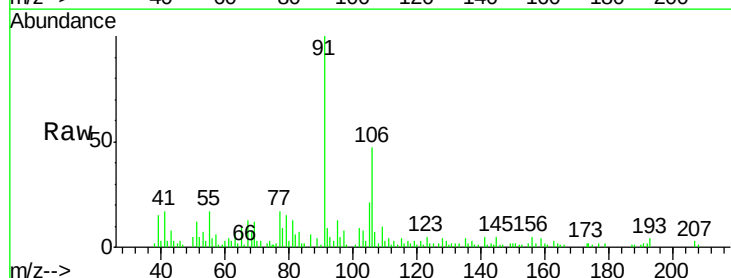
Instrument :
MSVOA_N
ClientSampleId :
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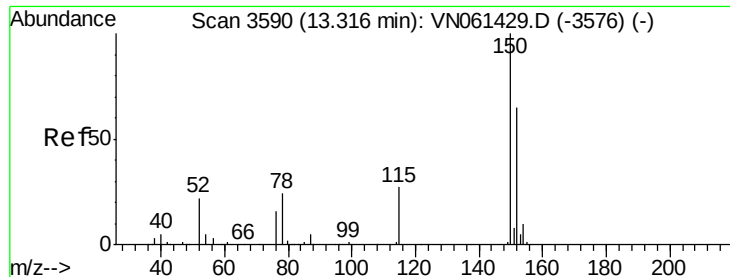
Tot Ion:106 Resp: 16639
Ion Ratio Lower Upper
106 100
91 181.7 163.0 244.6



#69
o-Xylene
Concen: 1.910 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion:106 Resp: 14556
Ion Ratio Lower Upper
106 100
91 185.3 107.9 323.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

Instrument :

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ClientSampleId :

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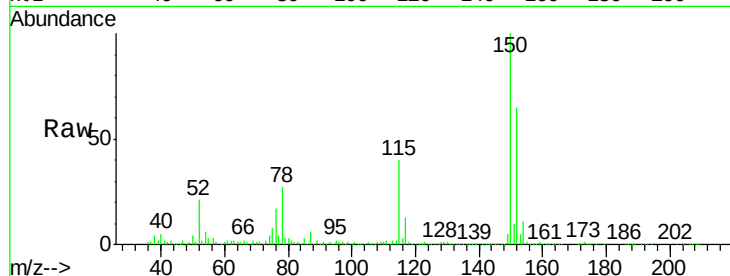
Tot Ion:152 Resp: 238750

Ion Ratio Lower Upper

152 100

115 66.2 30.9 92.5

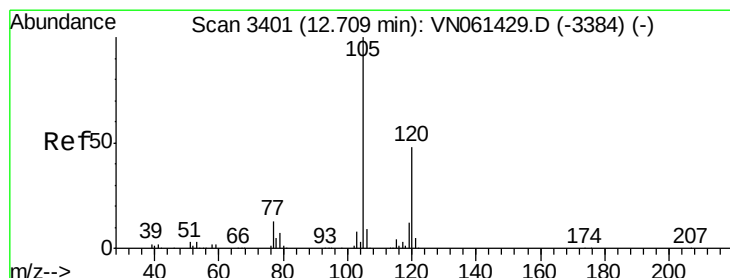
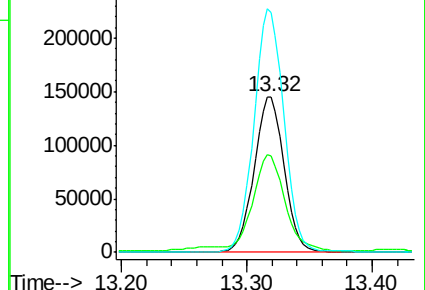
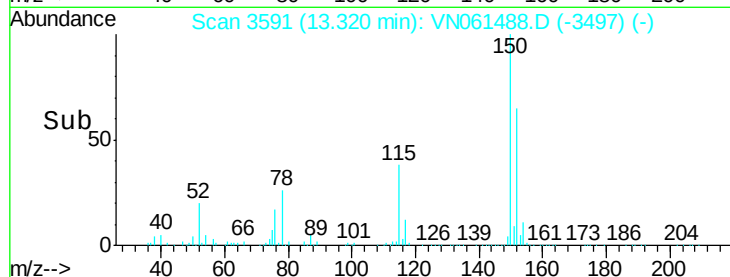
150 157.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.433 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061488.D

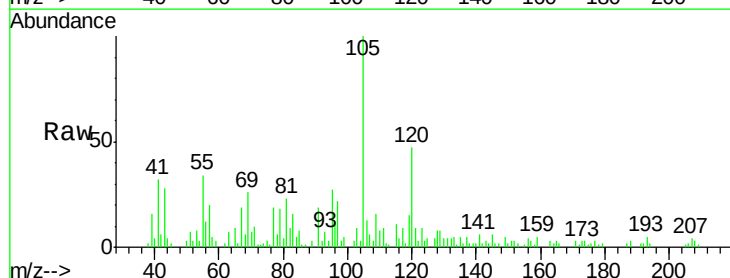
Acq: 19 May 2020 17:07

Tgt Ion:105 Resp: 22488

Ion Ratio Lower Upper

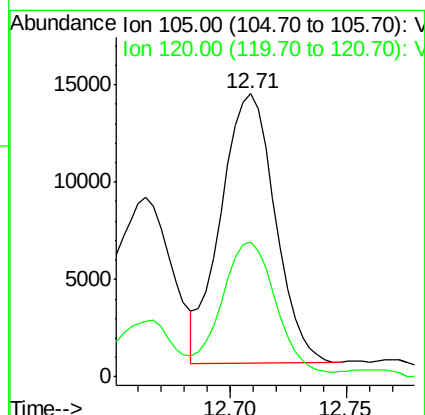
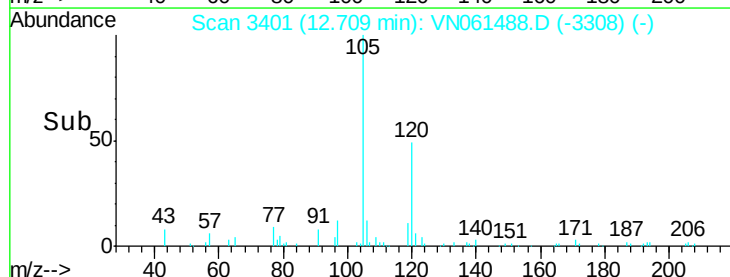
105 100

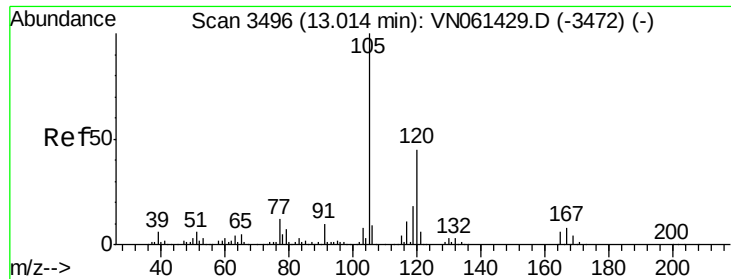
120 50.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

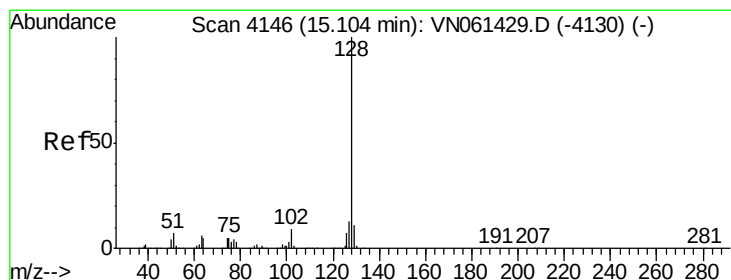
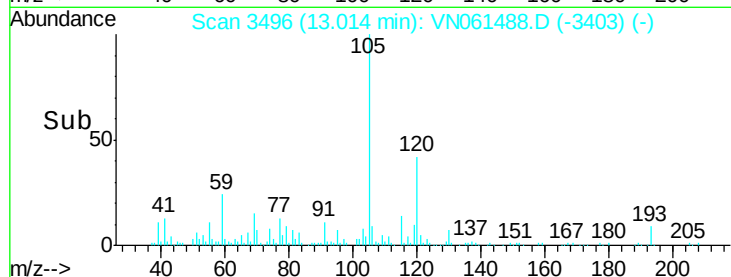
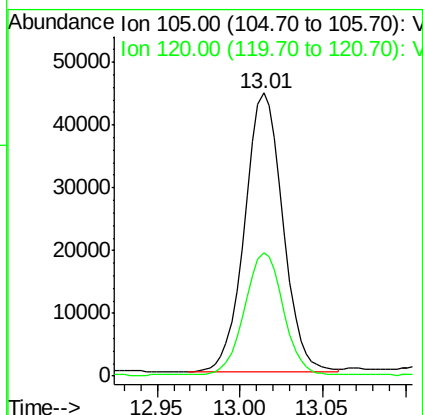
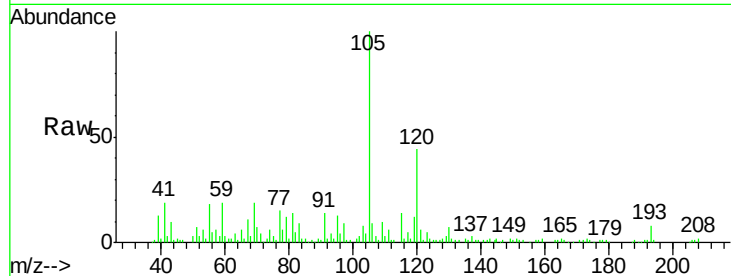




#84
 1,2,4-Trimethylbenzene
 Concen: 4.517 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

Tot Ion:105 Resp: 70949
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3



#95
 Naphthalene
 Concen: 6.914 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Tgt Ion:128 Resp: 87037
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.1 15.1
 129 13.3 8.6 13.0#

