

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

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

Quant Time: May 20 02:58:11 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

33) 1,2-Dichloroethane-d4	7.99	65	220184	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
35) Dibromofluoromethane	7.55	113	26212	8.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.90%	
50) Toluene-d8	10.06	98	717023	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.37	95	269278	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

					Qvalue	
5) Bromomethane	2.54	94	862	Below Cal	#	17
11) Tert butyl alcohol	4.73	59	7011	12.281	ug/l #	80
13) Acrolein	3.57	56	95	Below Cal	#	16
16) Acetone	3.78	43	42237	22.929	ug/l	93
17) Carbon Disulfide	4.01	76	1920	Below Cal	#	75
18) Methyl Acetate	4.29	43	589	Below Cal	#	49
19) Methyl tert-butyl Ether	4.99	73	15694	1.215	ug/l #	82
20) Methylene Chloride	4.51	84	5941	1.459	ug/l	96
25) 2-Butanone	6.79	43	13666	6.058	ug/l	95
36) 1,1-Dichloropropene	7.63	75	25655	4.635	ug/l #	50
37) Ethyl Acetate	6.79	43	13666	2.723	ug/l #	67
38) Carbon Tetrachloride	7.63	117	34647	6.798	ug/l #	15
39) Methylcyclohexane	9.05	83	17211	2.546	ug/l	95
40) Benzene	8.00	78	13429	0.805	ug/l	98
48) Methyl methacrylate	9.13	41	2084	0.515	ug/l #	29
51) 4-Methyl-2-Pentanone	9.96	43	2501	0.524	ug/l	97
52) Toluene	10.12	92	2574	0.240	ug/l	81
58) 2-Chloroethyl Vinyl ether	9.78	63	1528	0.550	ug/l	99
59) 2-Hexanone	10.73	43	778	0.225	ug/l	93
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
71) Bromoform	12.09	173	496	2.170	ug/l #	29
73) Isopropylbenzene	12.22	105	18617	0.971	ug/l	88
74) N-amyl acetate	12.00	43	4153	0.592	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.41	83	1644	0.312	ug/l	82
76) 1,2,3-Trichloropropane	12.38	75	140251	27.377	ug/l #	100
78) n-propylbenzene	12.57	91	15989	0.732	ug/l	92
80) 1,3,5-Trimethylbenzene	12.71	105	22488	1.433	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	140251	72.625	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.01	105	70949	4.517	ug/l	99
85) sec-Butylbenzene	13.15	105	8529	0.469	ug/l	81
86) p-Isopropyltoluene	13.26	119	9147	0.567	ug/l	95
90) Hexachloroethane	13.86	117	1357	0.620	ug/l #	23

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QLast Update : Mon May 18 13:09:55 2020
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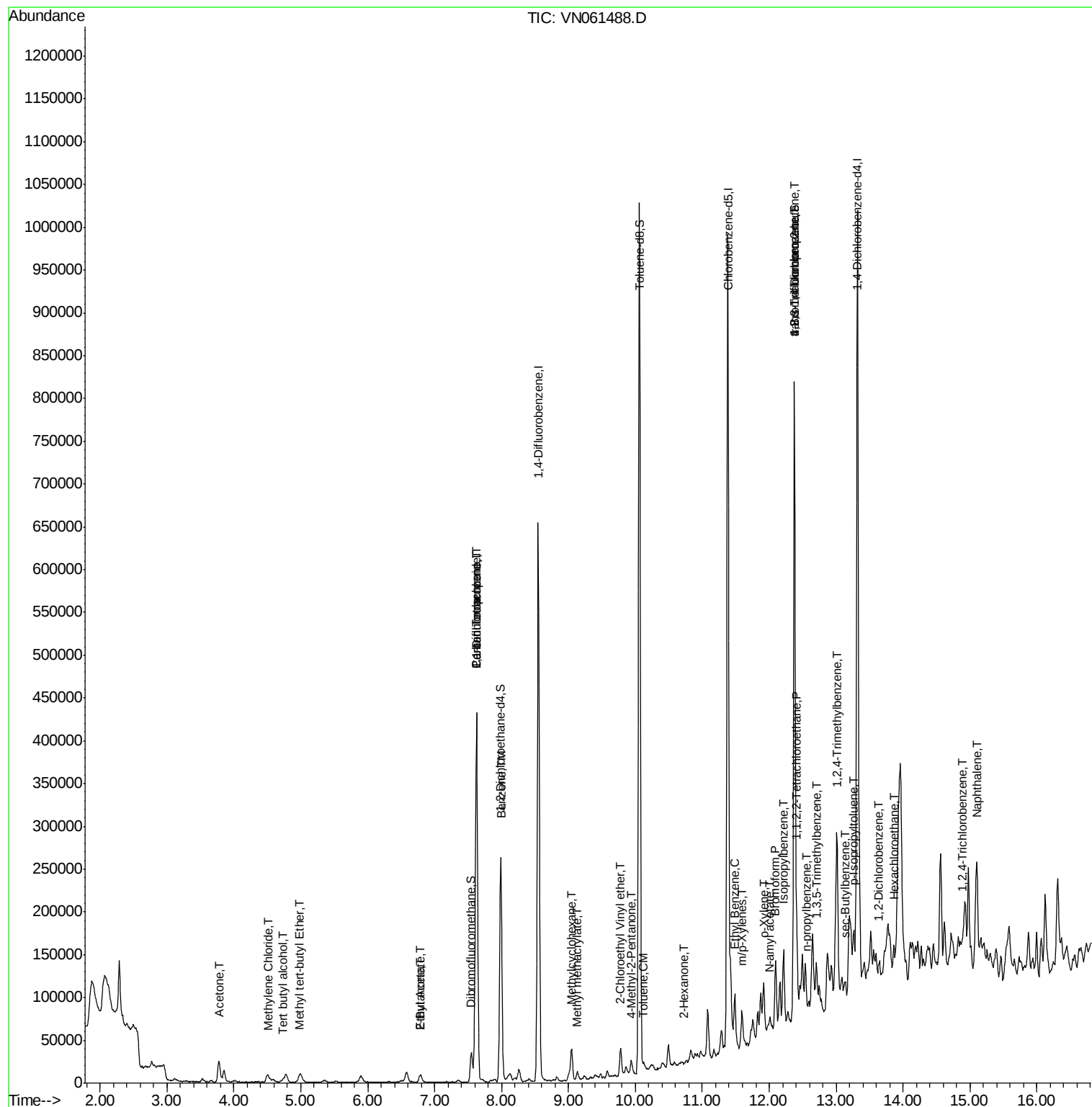
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.63	146	2002	0.274	ug/l #	27
93) 1,2,4-Trichlorobenzene	14.88	180	898	0.227	ug/l #	1
95) Naphthalene	15.10	128	87037	6.914	ug/l #	95

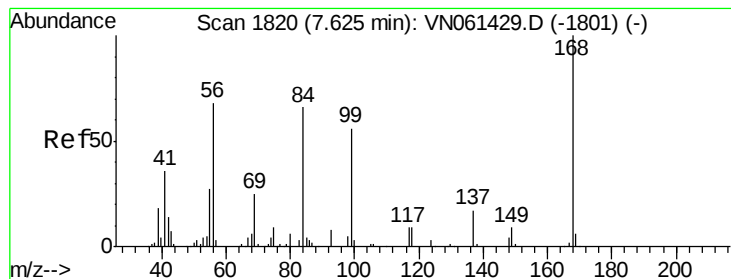
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

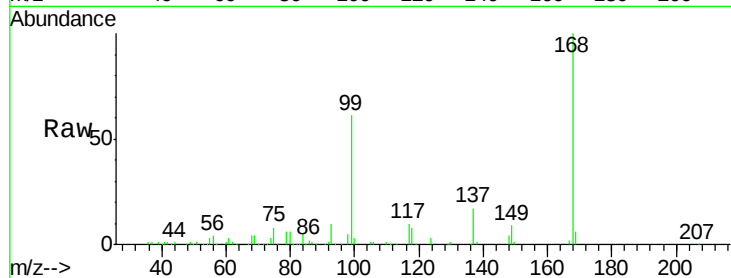
AMENDED-COMP-SPLP-LEACHATE

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): VNO

7.63

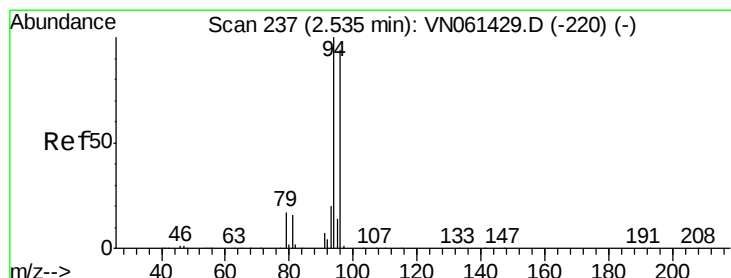
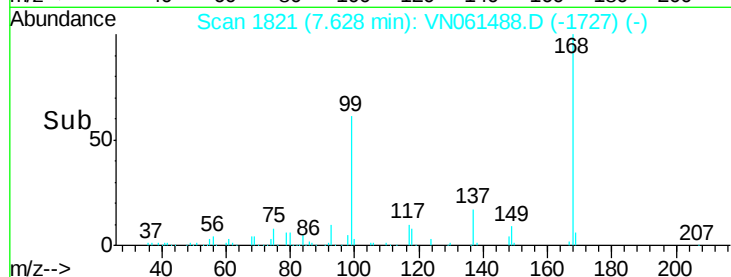
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061488.D

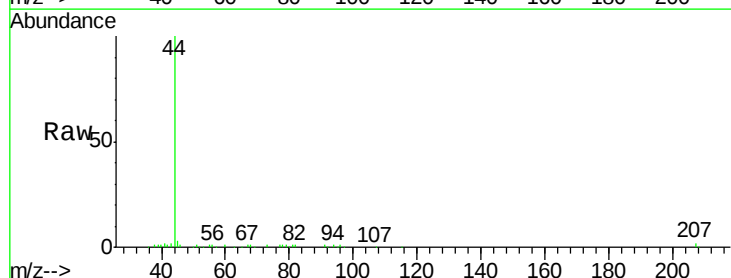
Acq: 19 May 2020 17:07

Tgt Ion: 94 Resp: 862

Ion Ratio Lower Upper

94 100

96 13.8 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

500

400

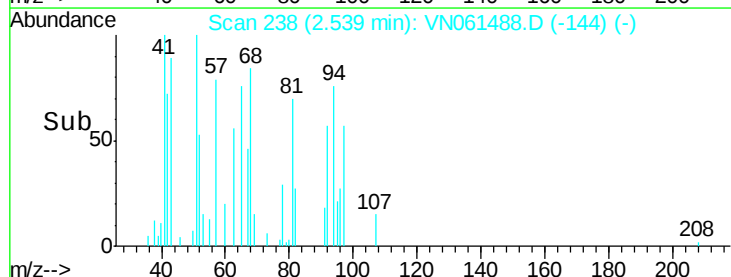
300

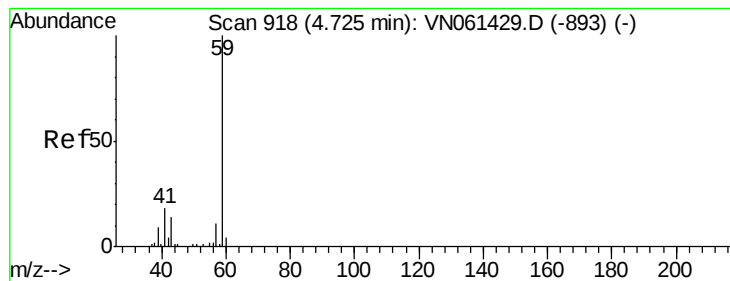
200

100

0

Time--> 2.50 2.55



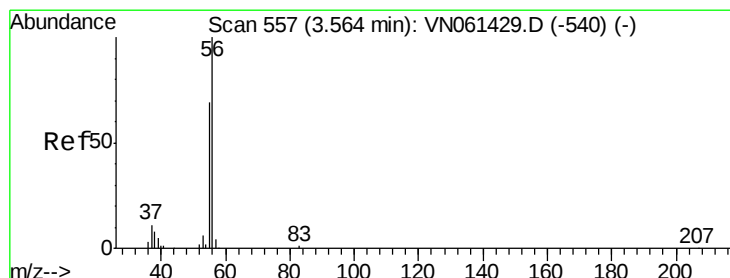
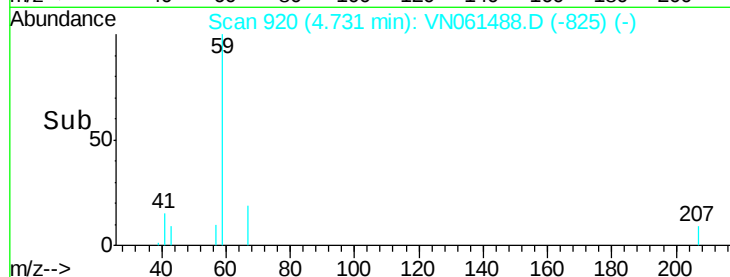
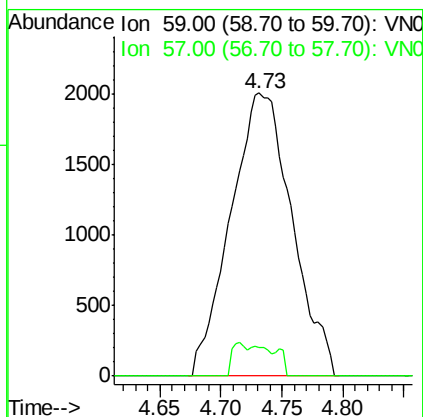
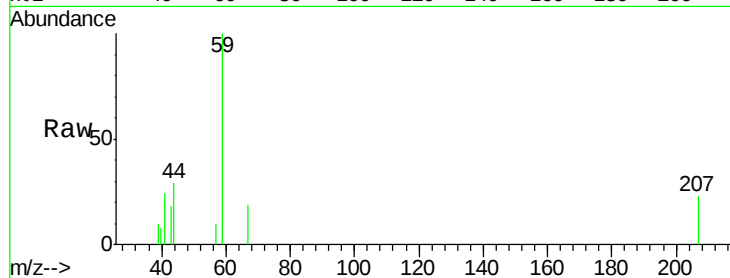


#11

Tert butyl alcohol
 Concen: 12.281 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
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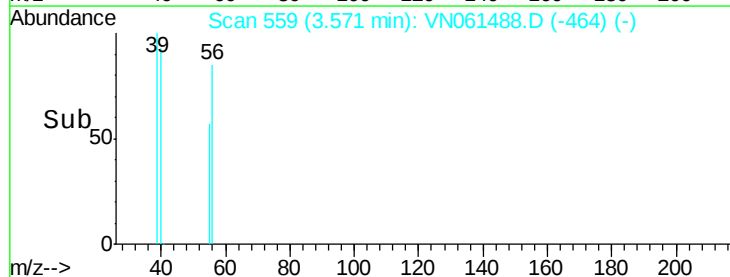
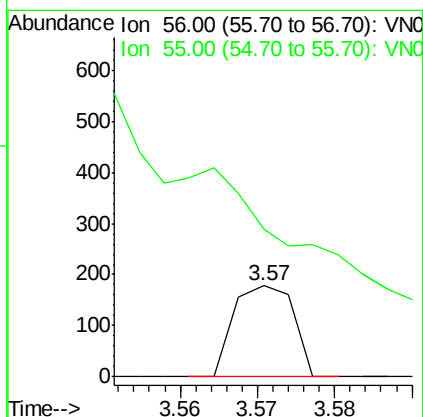
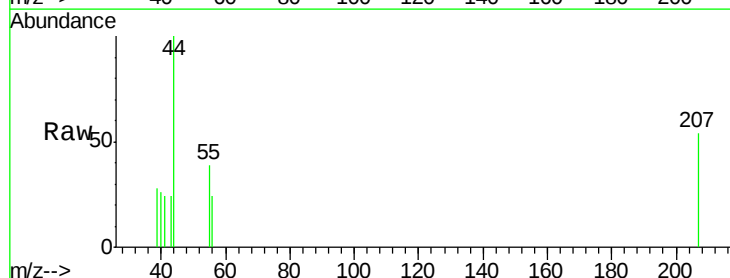
Tot Ion: 59 Resp: 7011
 Ion Ratio Lower Upper
 59 100
 57 2.9 8.2 12.2#

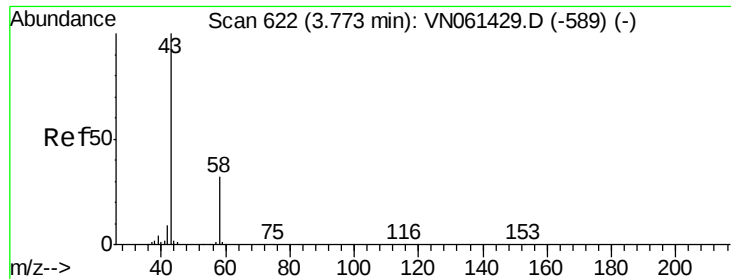


#13

Acrolein
 Concen: Below Cal
 RT: 3.57 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Tgt Ion: 56 Resp: 95
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.8 82.2#

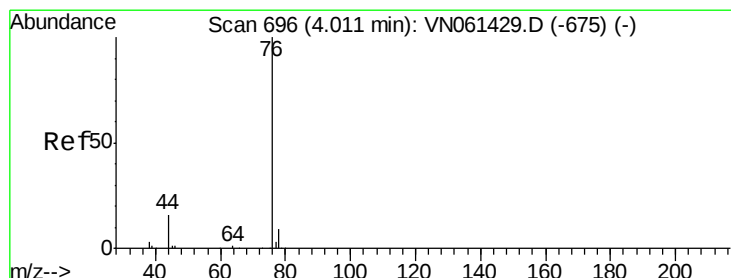
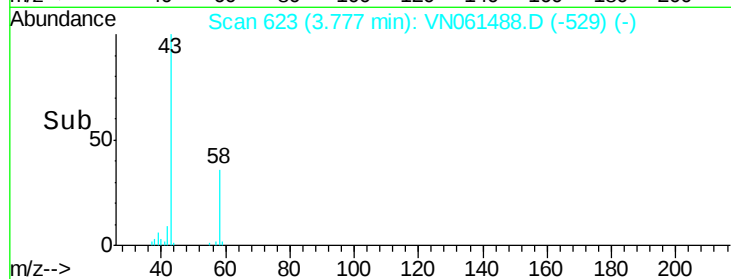
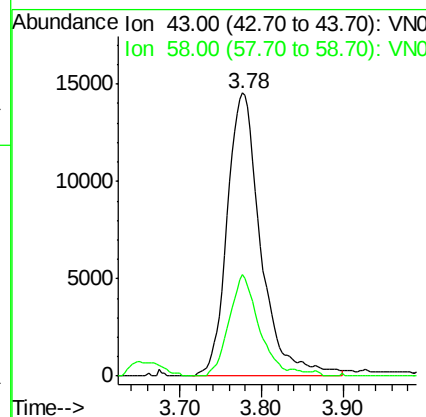
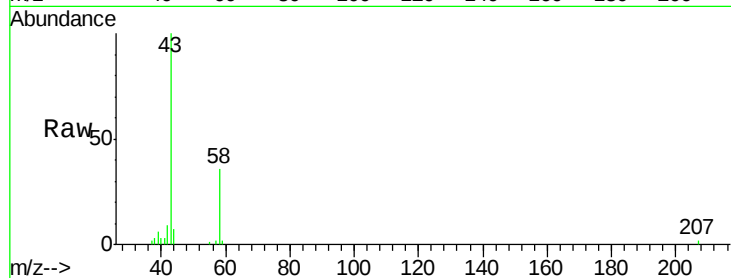




#16
Acetone
Concen: 22.929 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

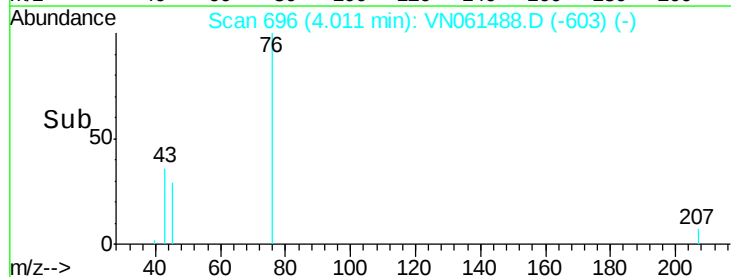
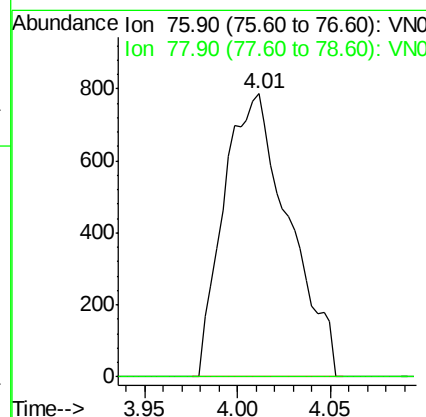
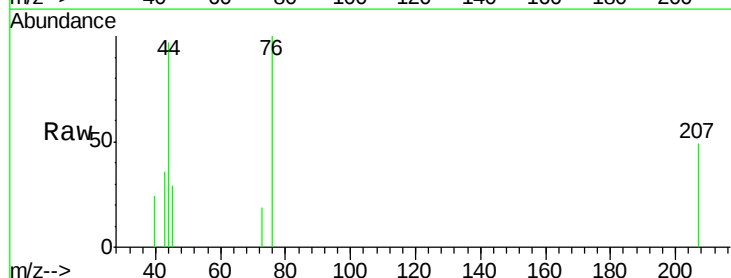
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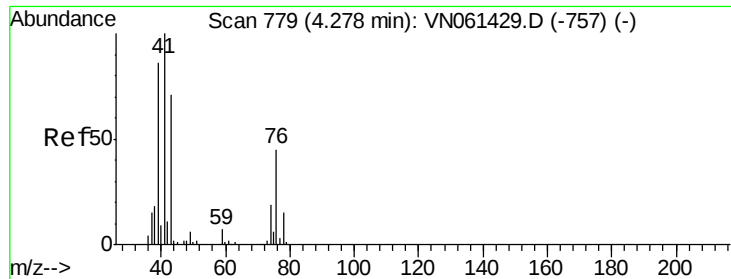
Tot Ion: 43 Resp: 42237
Ion Ratio Lower Upper
43 100
58 35.8 25.6 38.4



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion: 76 Resp: 1920
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

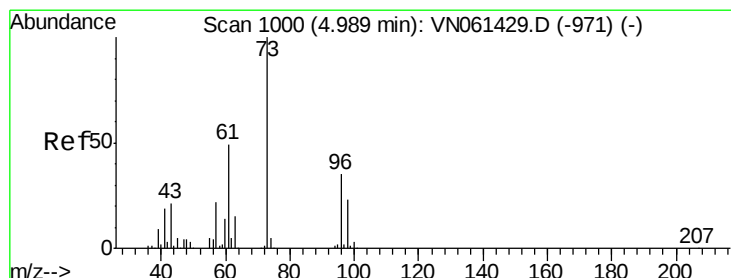
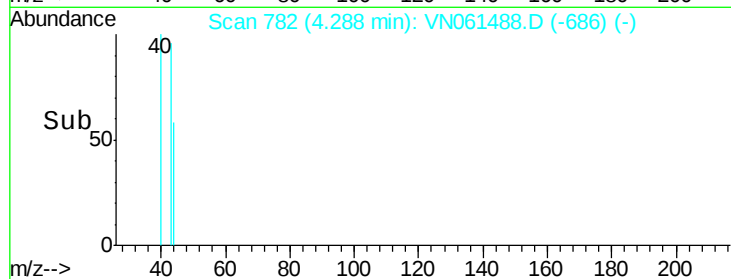
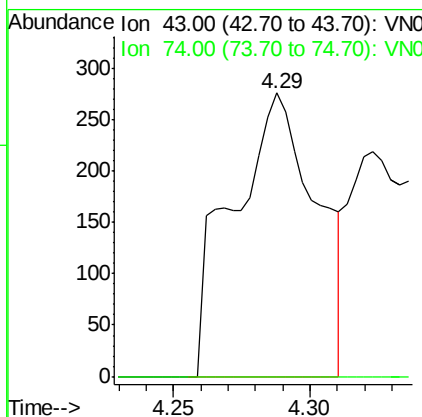
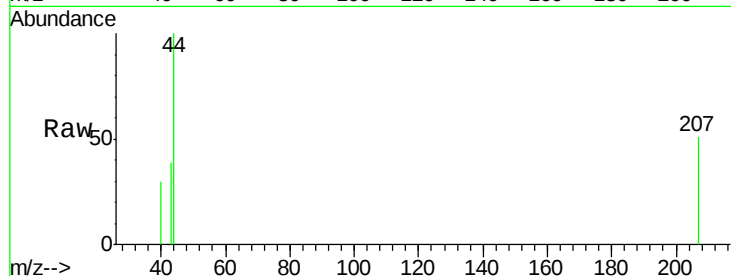




#18
Methyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

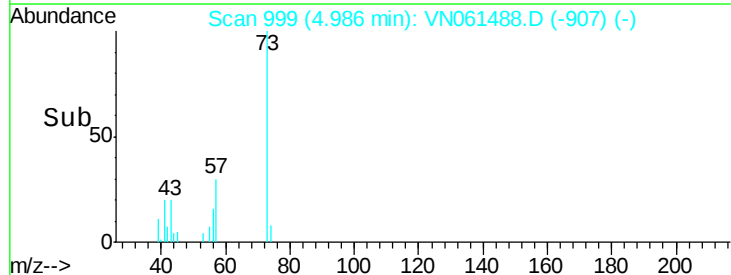
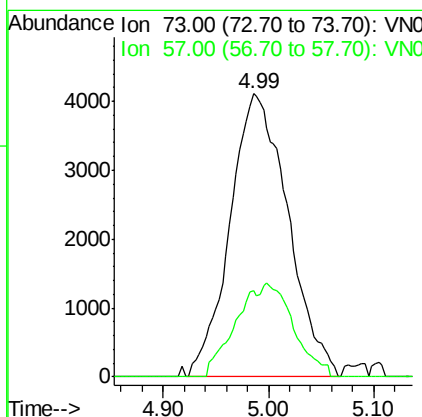
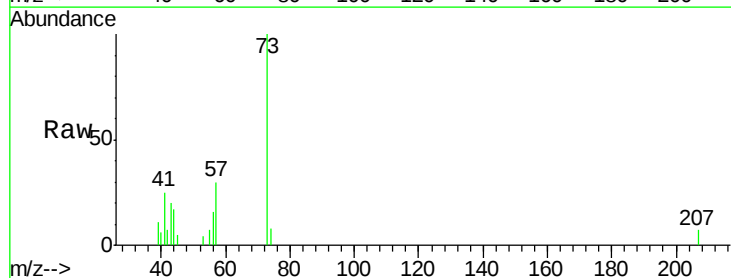
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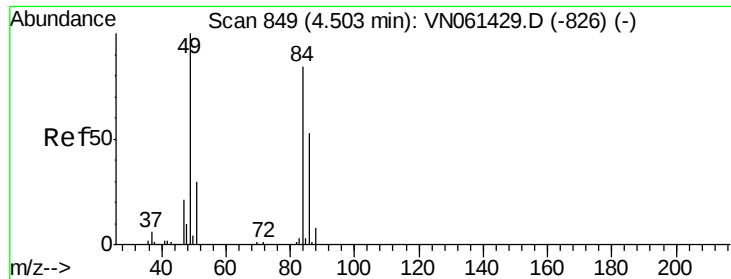
Tot Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#19
Methyl tert-butyl Ether
Concen: 1.215 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion: 73 Resp: 15694
Ion Ratio Lower Upper
73 100
57 30.4 17.4 26.0#

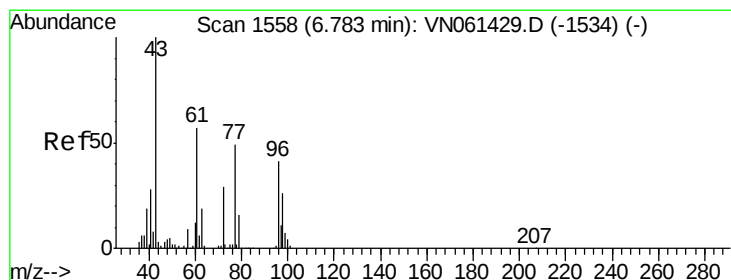
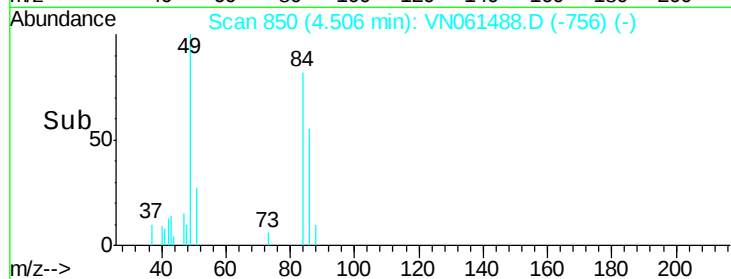
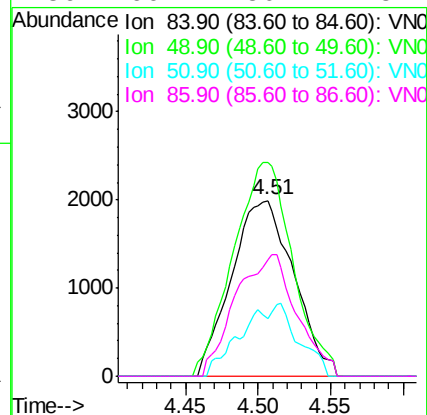
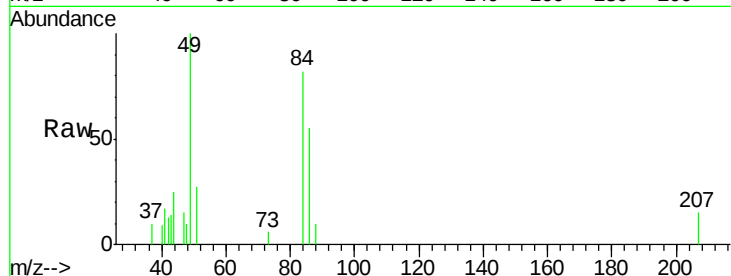




#20
Methvlene Chloride
Concen: 1.459 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

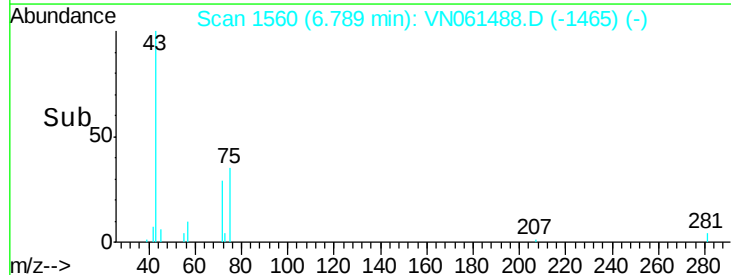
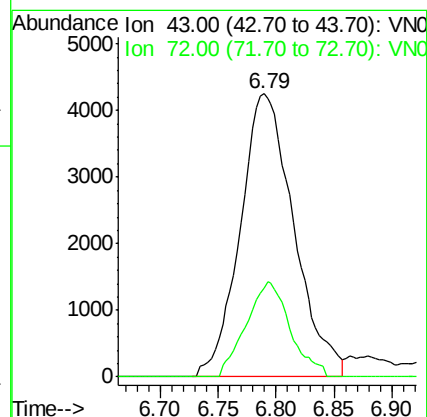
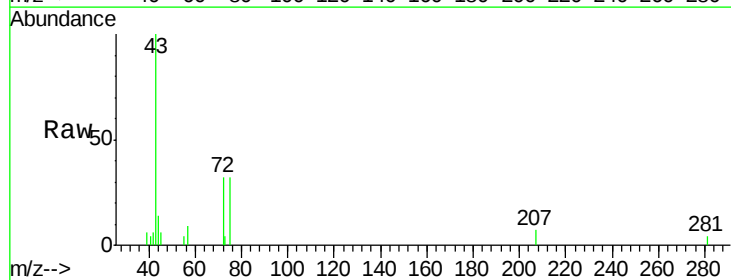
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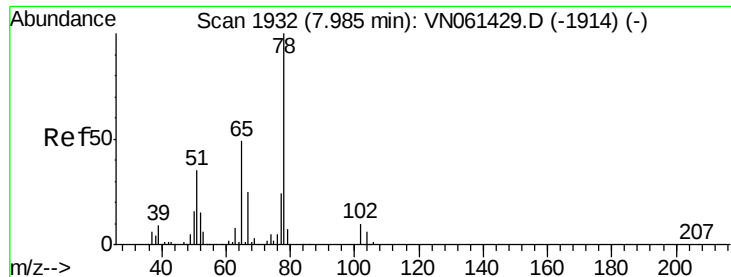
Tot Ion:	84	Resp:	5941
Ion	Ratio	Lower	Upper
84	100		
49	121.8	95.3	142.9
51	33.1	29.0	43.6
86	66.7	50.2	75.2



#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

Instrument :

MSVOA_N

ClientSampleId :

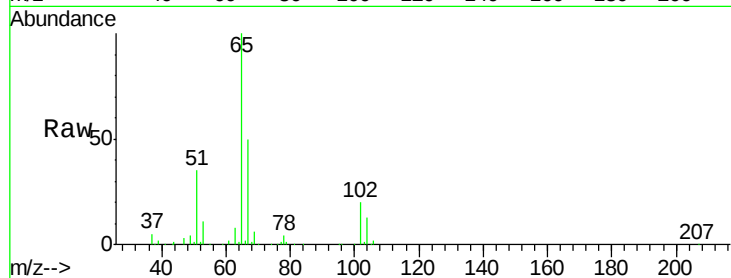
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 65 Resp: 220184

Ion Ratio Lower Upper

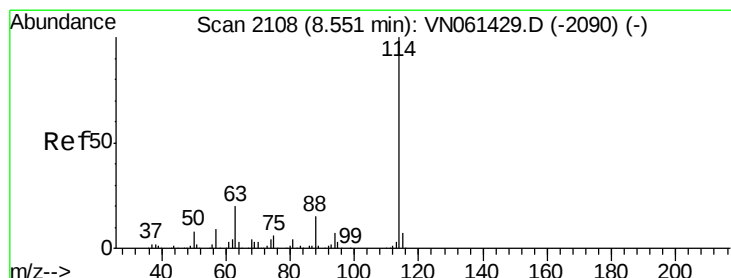
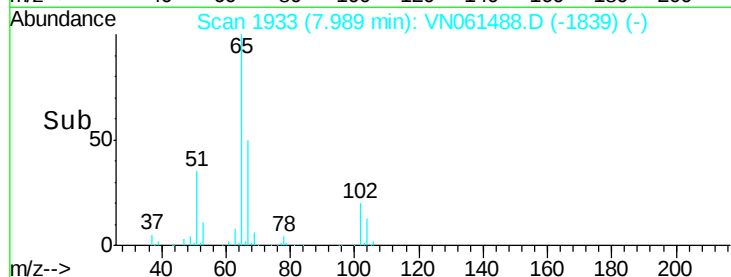
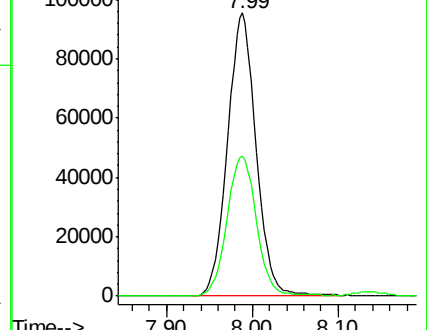
65 100

67 51.0 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN061429.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061429.D (-1914) (-)



#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

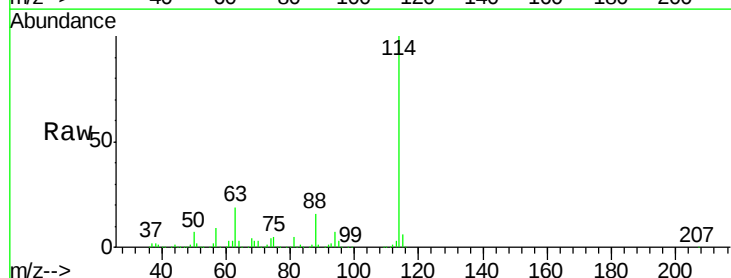
Tgt Ion: 114 Resp: 591909

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

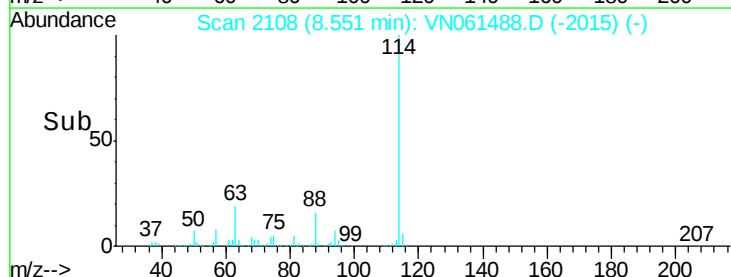
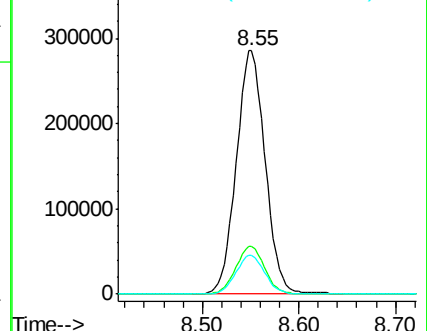
88 16.0 0.0 30.8

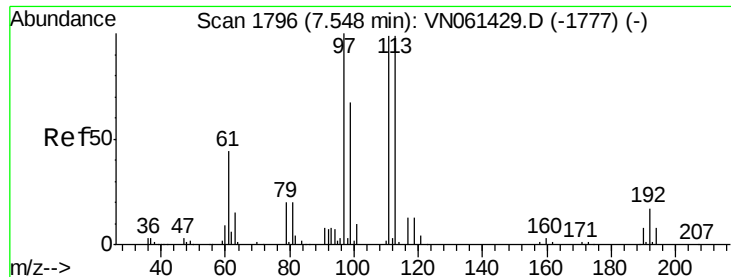


Abundance Ion 113.90 (113.60 to 114.60): VN061429.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN061429.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN061429.D (-2090) (-)





#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

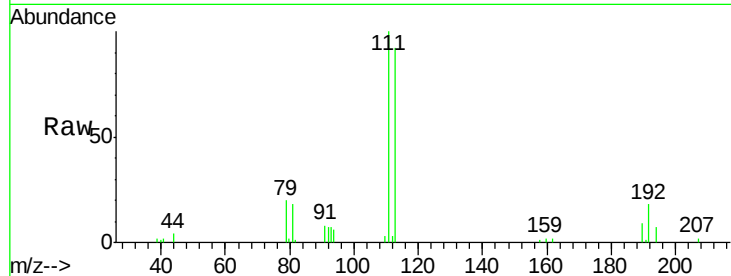
Tot Ion:113 Resp: 26212

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

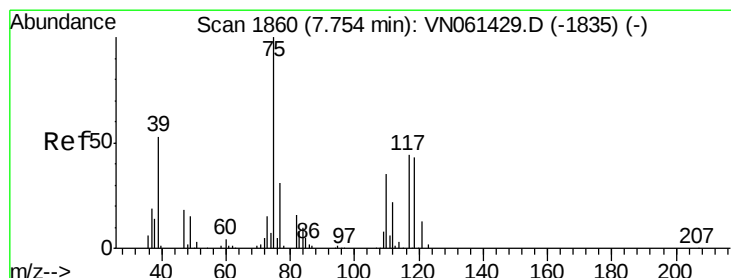
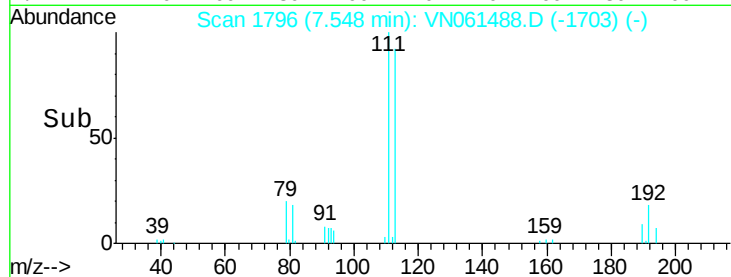
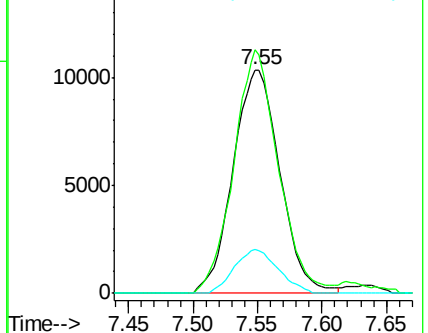
192 18.4 13.2 19.8



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



#36

1,1-Dichloropropene

Concen: 4.635 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.13 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

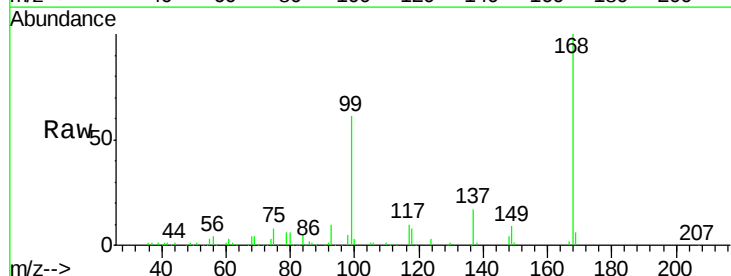
Tgt Ion: 75 Resp: 25655

Ion Ratio Lower Upper

75 100

110 9.6 17.3 51.9#

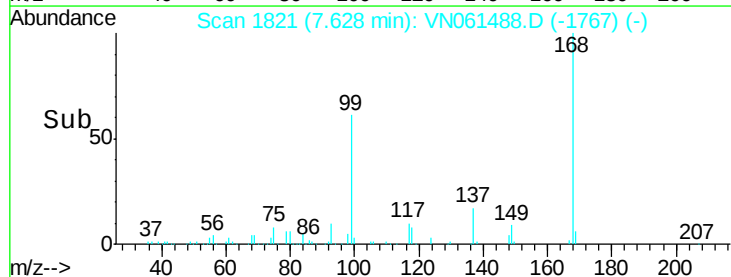
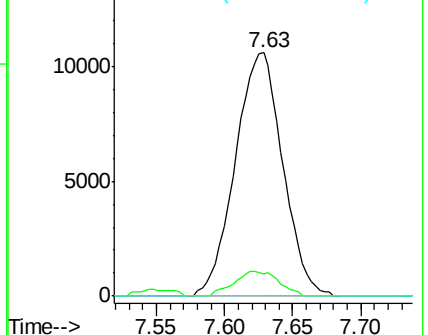
77 0.0 24.9 37.3#

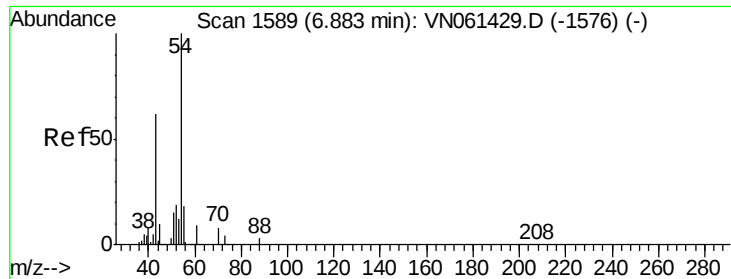


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

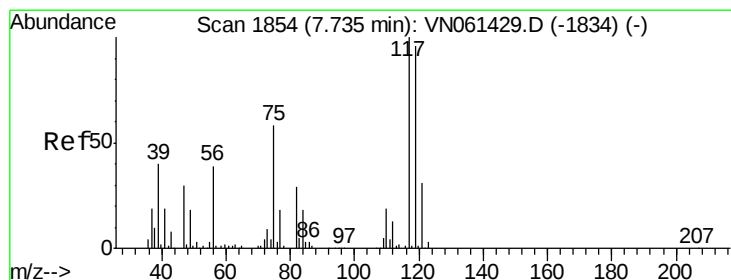
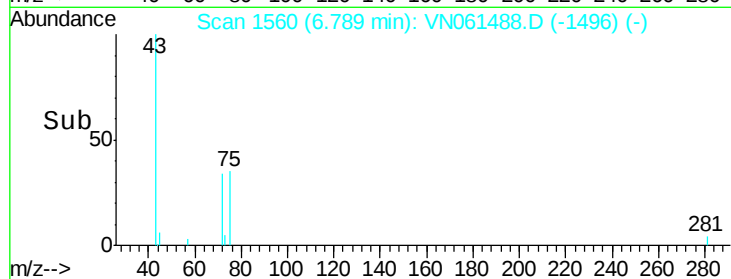
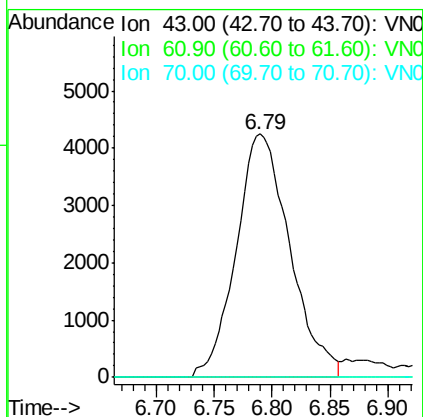
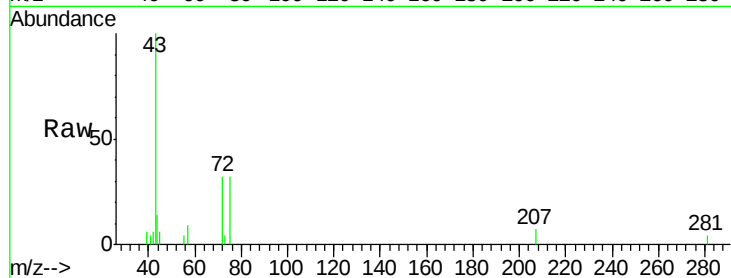




#37
Ethyl Acetate
Concen: 2.723 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.09 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

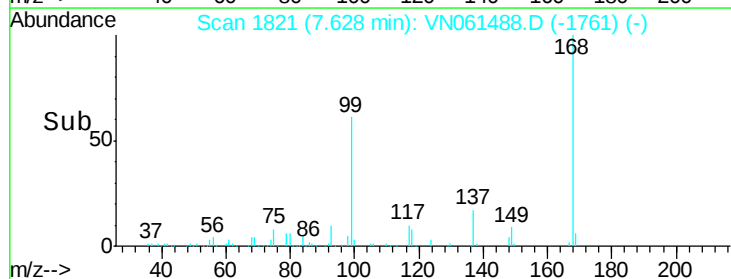
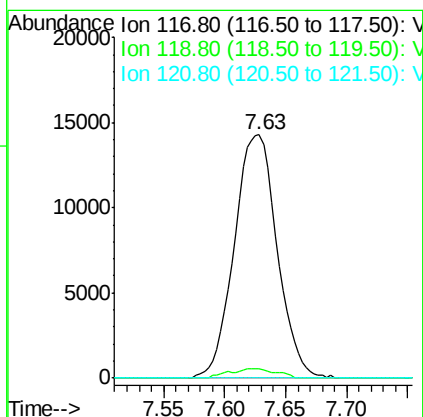
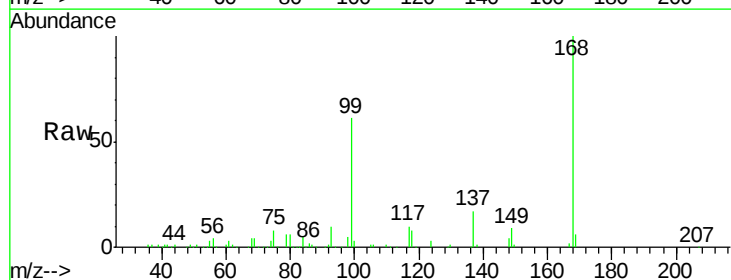
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

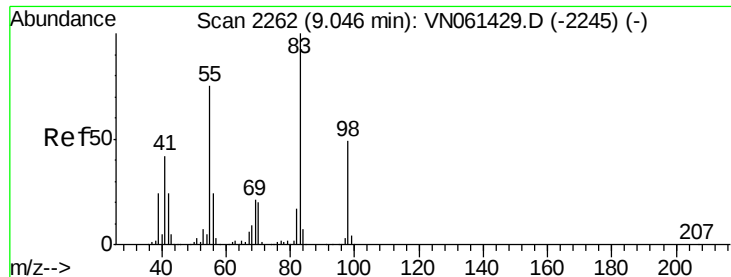
Tot Ion: 43 Resp: 13666
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.798 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion: 117 Resp: 34647
Ion Ratio Lower Upper
117 100
119 4.0 77.0 115.6#
121 0.0 24.7 37.1#

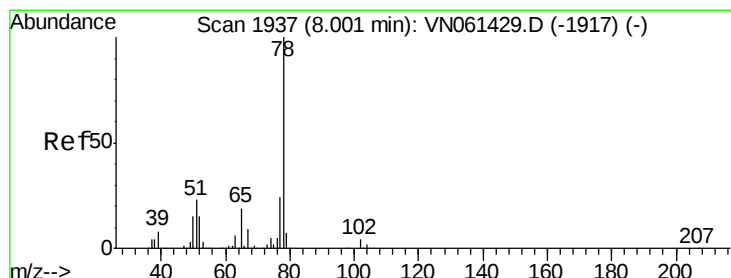
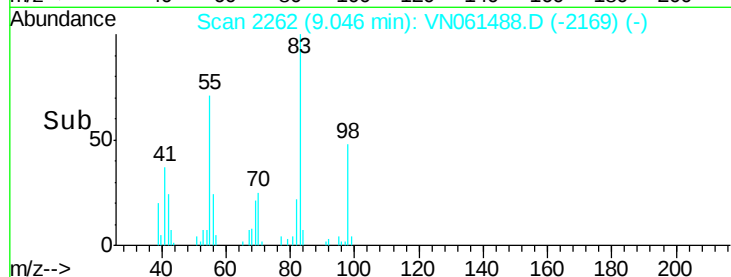
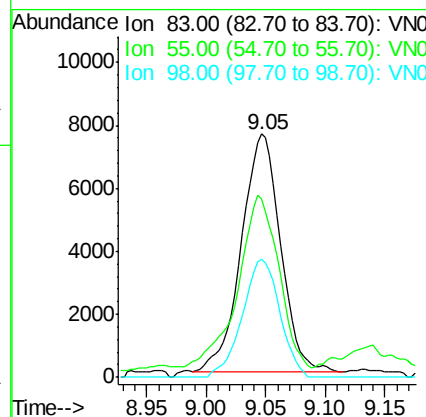
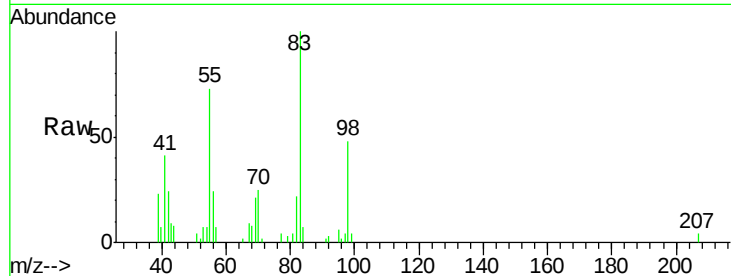




#39
Methvlcvclohexane
Concen: 2.546 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

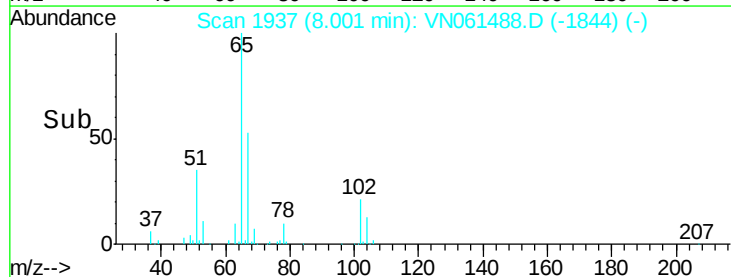
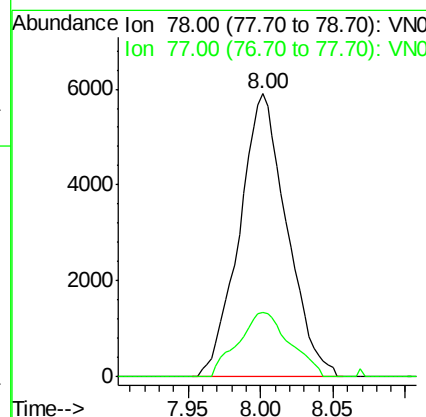
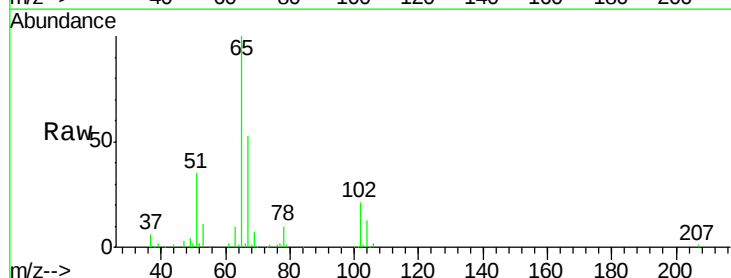
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

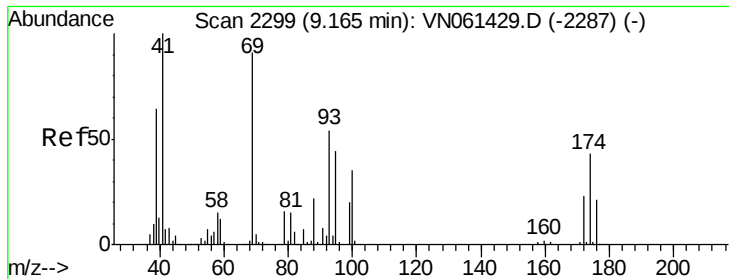
Tot Ion: 83 Resp: 17211
Ion Ratio Lower Upper
83 100
55 68.6 59.7 89.5
98 49.6 38.9 58.3



#40
Benzene
Concen: 0.805 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion: 78 Resp: 13429
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7

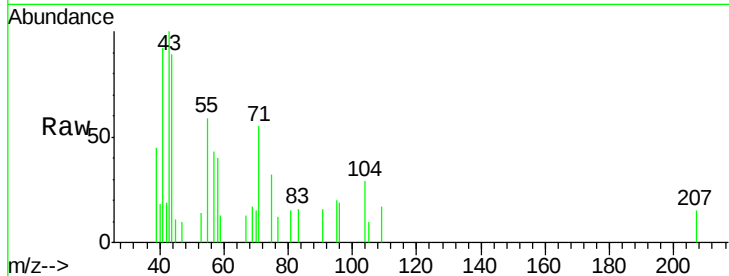




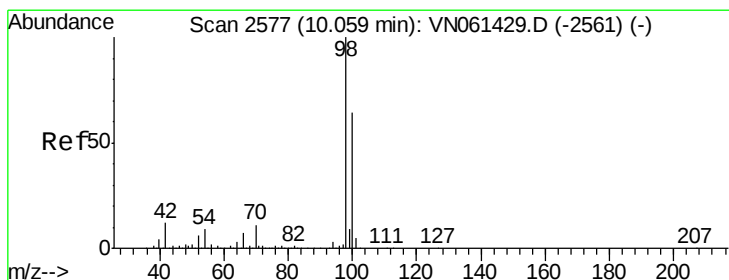
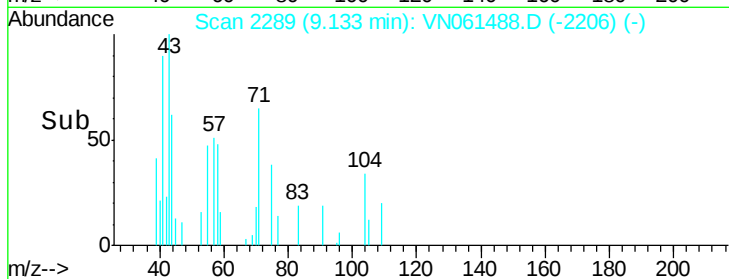
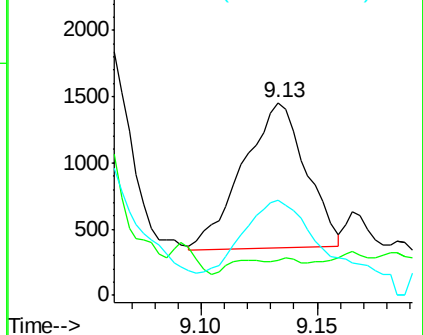
#48
Methvl methacrylate
Concen: 0.515 ug/l
RT: 9.13 min Scan# 2289
Delta R.T. -0.03 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

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

Tot Ion: 41 Resp: 2084
Ion Ratio Lower Upper
41 100
69 0.0 75.3 112.9#
39 92.3 52.6 79.0#

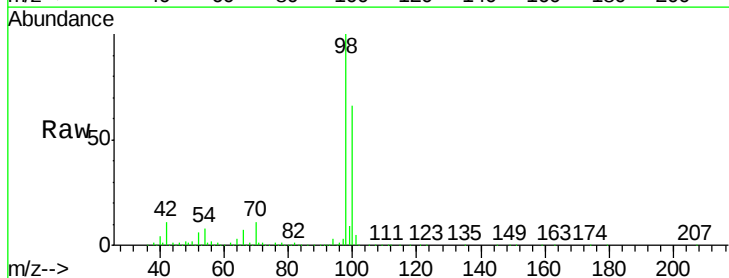


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

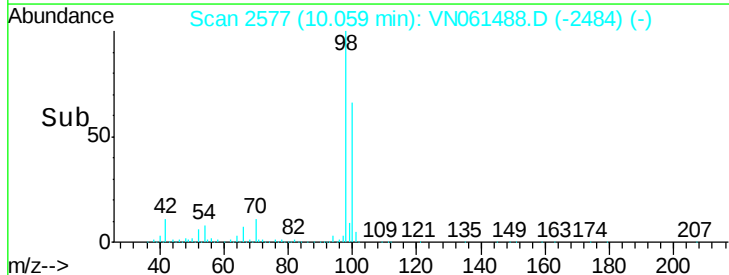
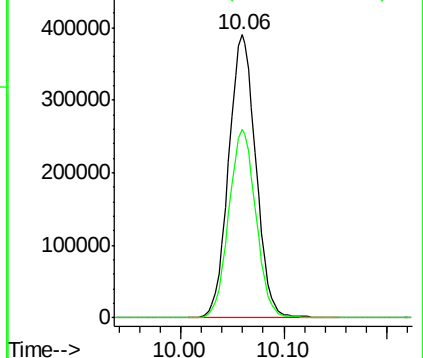


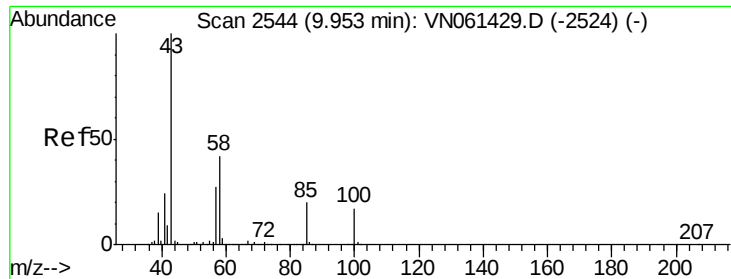
#50
Toluene-d8
Concen: 49.854 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion: 98 Resp: 717023
Ion Ratio Lower Upper
98 100
100 66.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.524 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

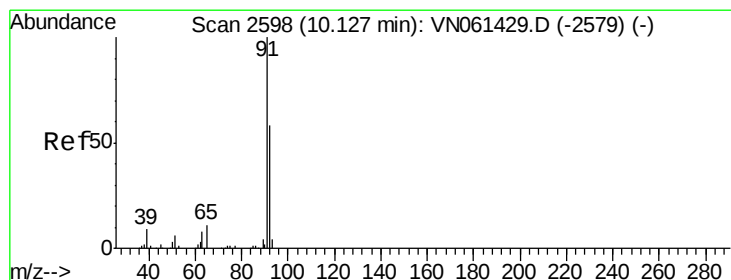
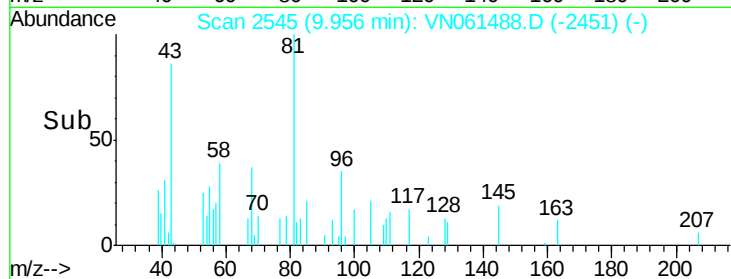
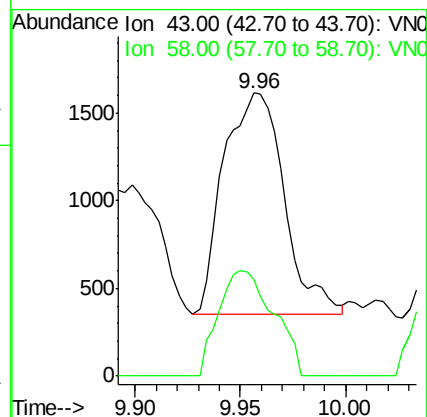
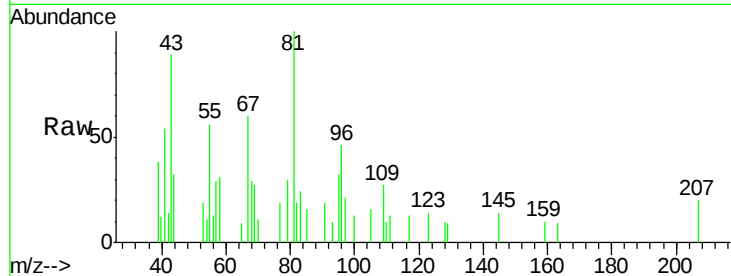
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 43 Resp: 2501

Ion Ratio Lower Upper

43 100

58 43.6 33.4 50.2



#52

Toluene

Concen: 0.240 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061488.D

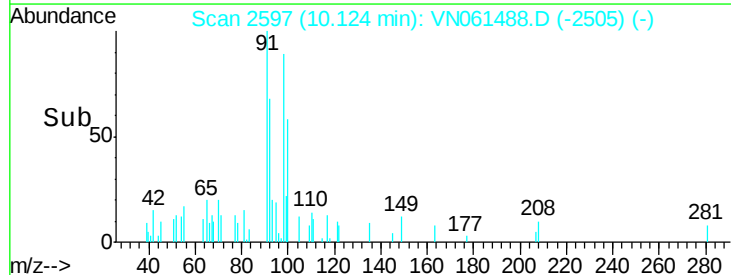
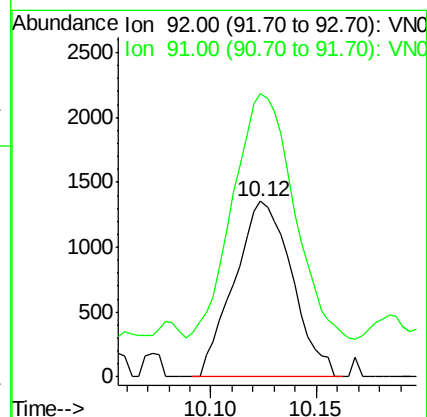
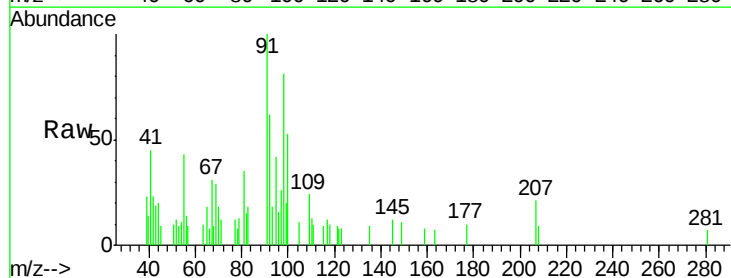
Acq: 19 May 2020 17:07

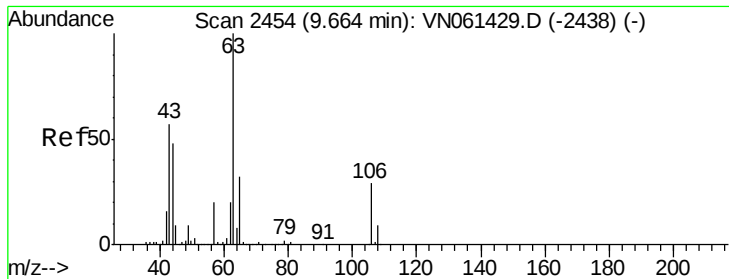
Tgt Ion: 92 Resp: 2574

Ion Ratio Lower Upper

92 100

91 146.8 138.0 207.0

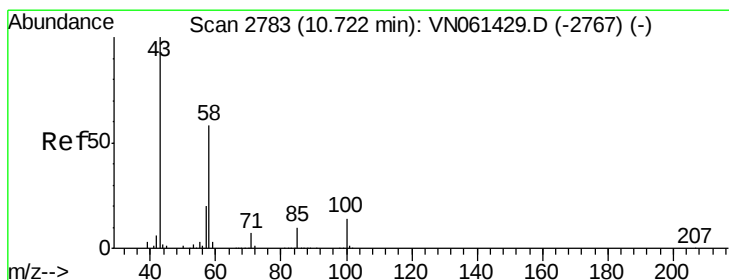
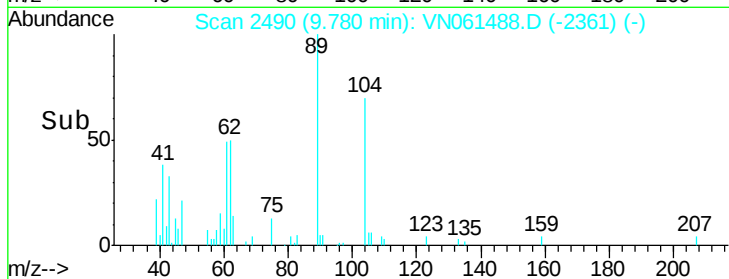
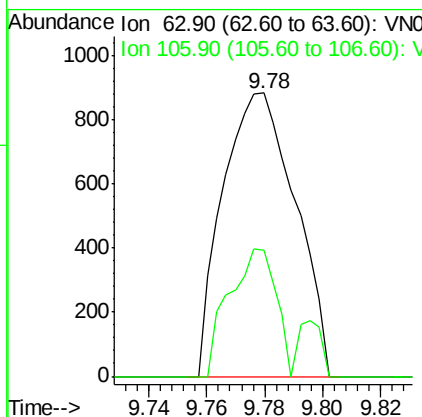
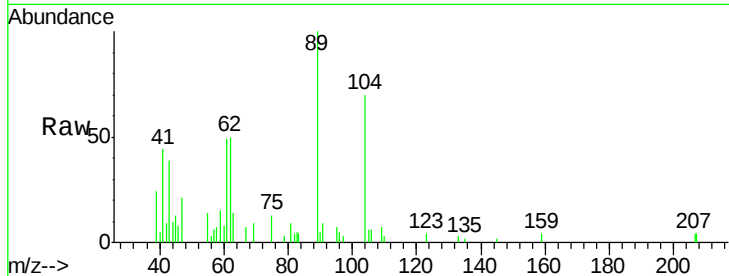




#58
2-Chloroethyl Vinyl ether
Concen: 0.550 ug/l
RT: 9.78 min Scan# 2490
Delta R.T. 0.12 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

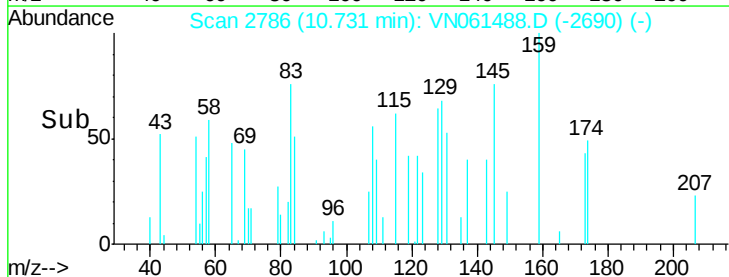
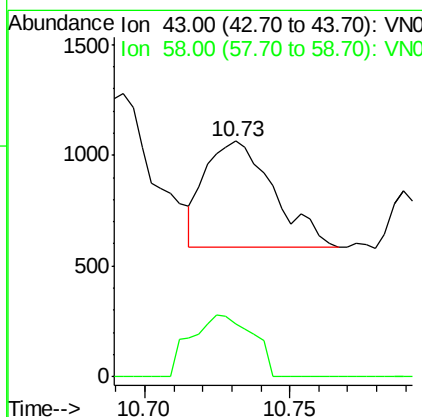
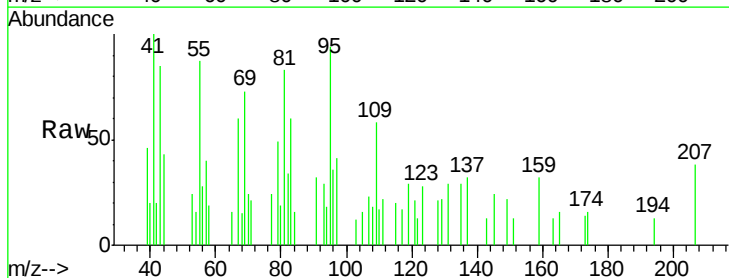
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

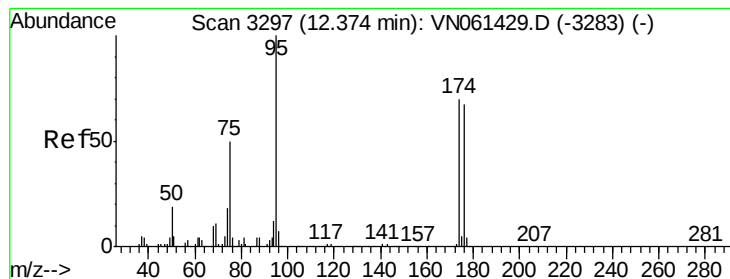
Tot Ion: 63 Resp: 1528
Ion Ratio Lower Upper
63 100
106 29.2 22.7 34.1



#59
2-Hexanone
Concen: 0.225 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 53.0 29.2 87.6





#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

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

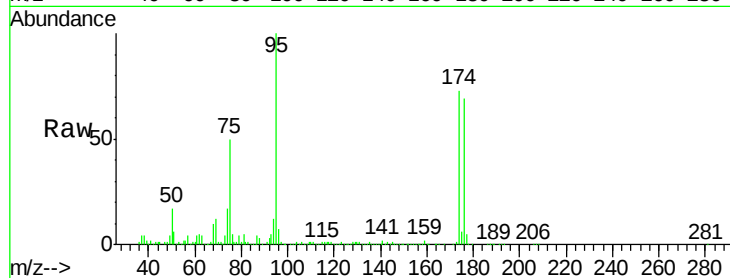
Tot Ion: 95 Resp: 269278

Ion Ratio Lower Upper

95 100

174 73.4 0.0 141.2

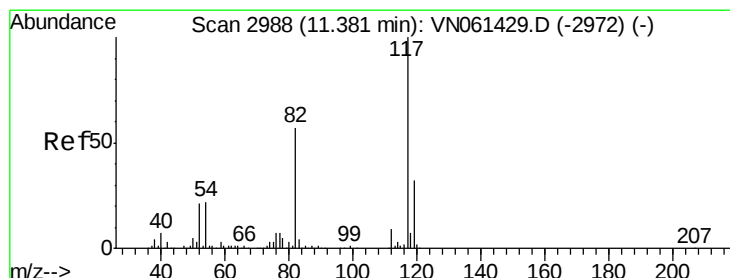
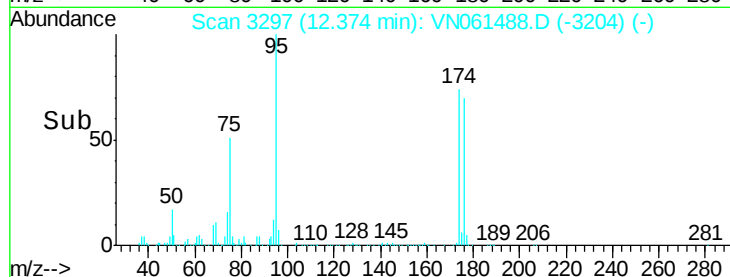
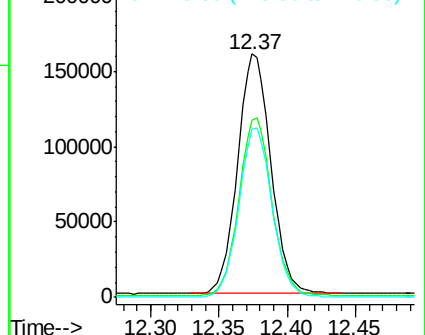
176 70.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#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

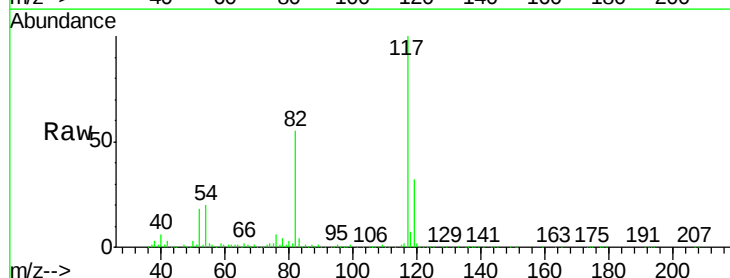
Tgt Ion: 117 Resp: 557495

Ion Ratio Lower Upper

117 100

82 55.1 45.2 67.8

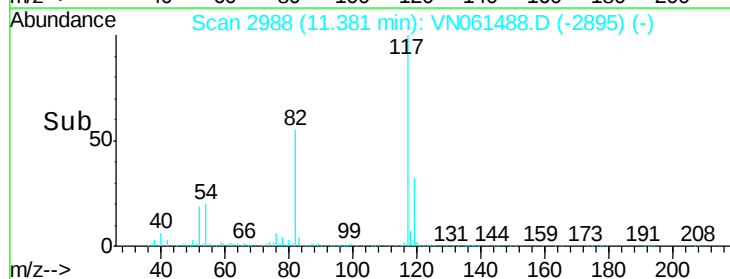
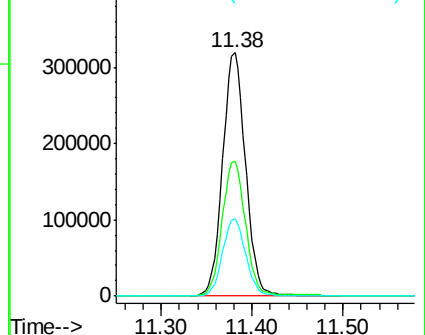
119 31.4 25.3 37.9

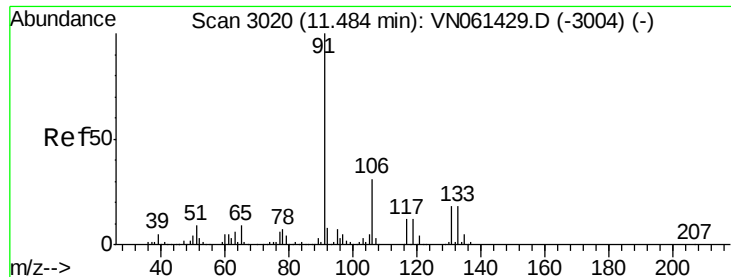


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#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

Instrument :

MSVOA_N

ClientSampleId :

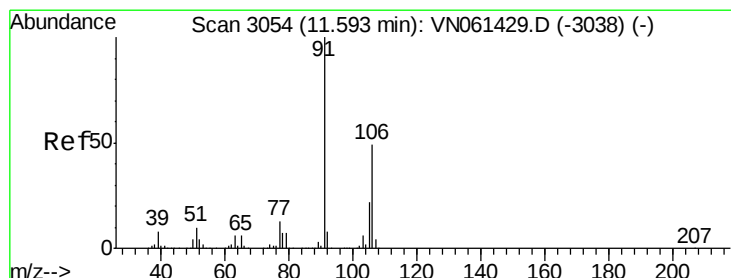
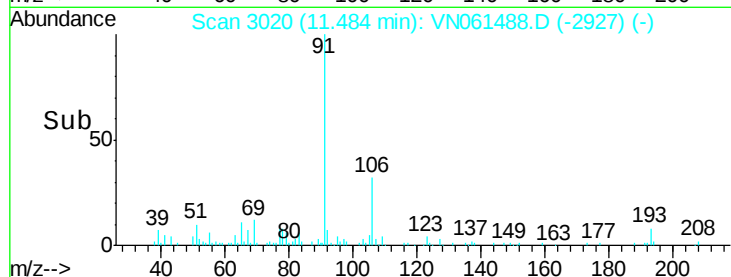
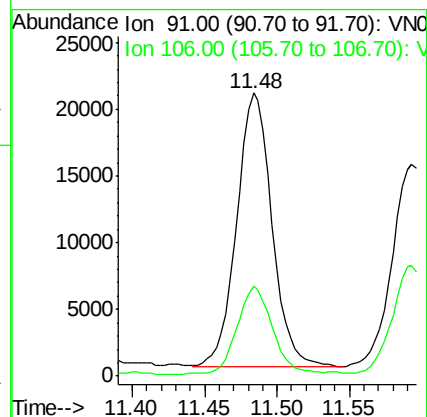
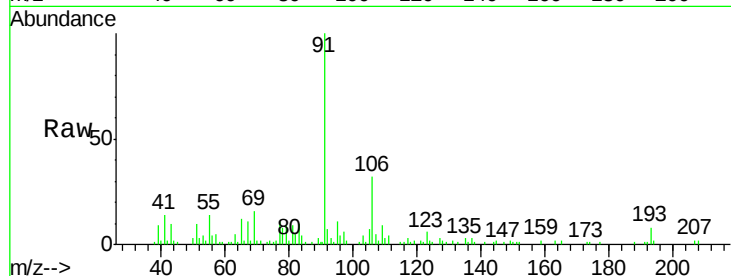
AMENDED-COMP-SPLP-LEACHATE

Tot 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

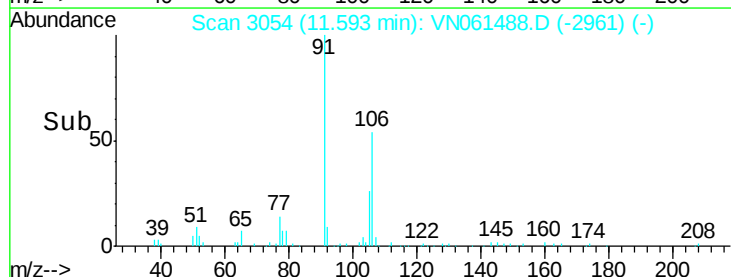
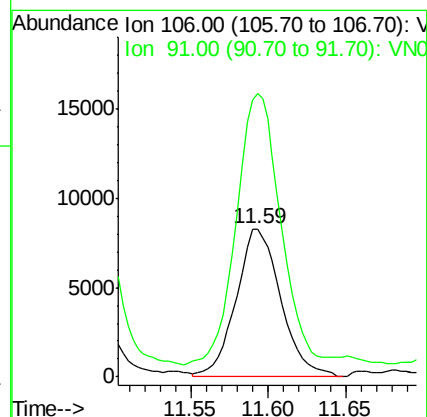
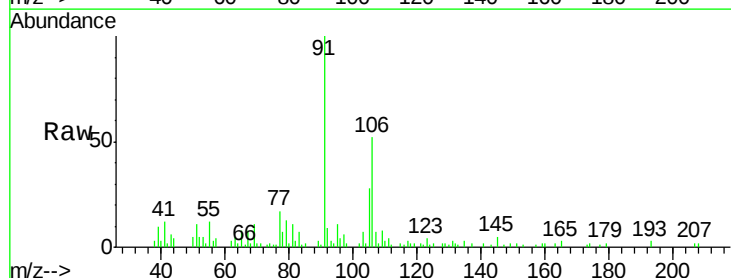
Acq: 19 May 2020 17:07

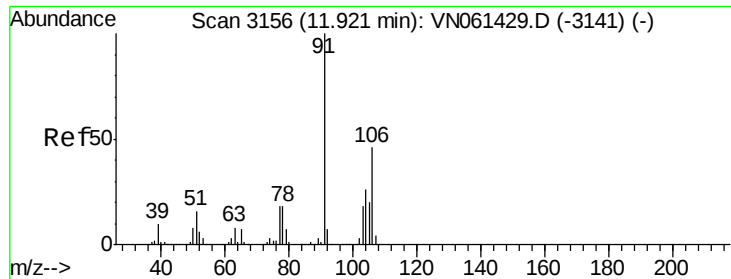
Tgt Ion: 106 Resp: 16639

Ion Ratio Lower Upper

106 100

91 181.7 163.0 244.6

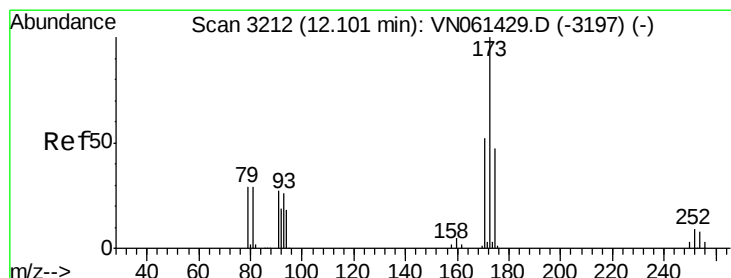
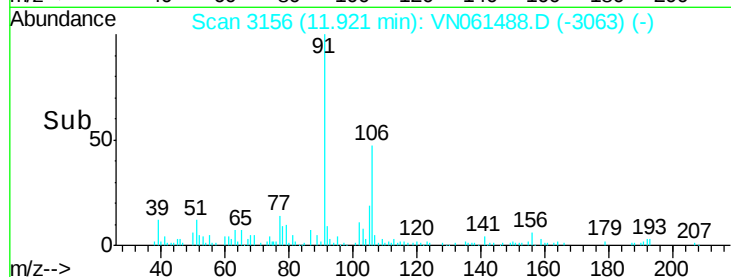
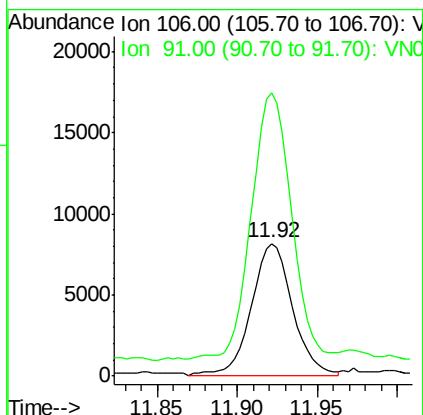
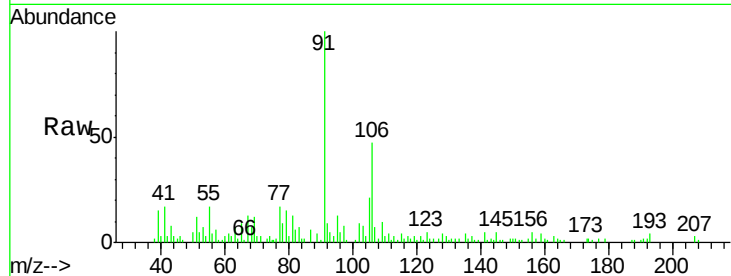




#69
o-Xylene
Concen: 1.910 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

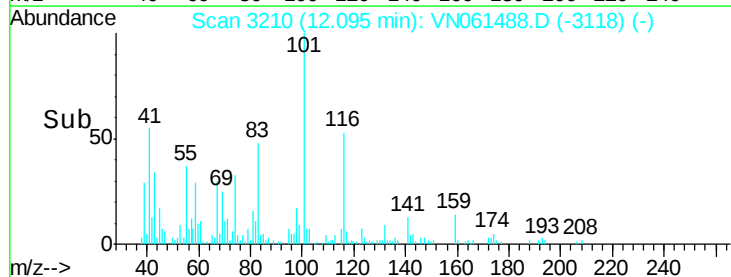
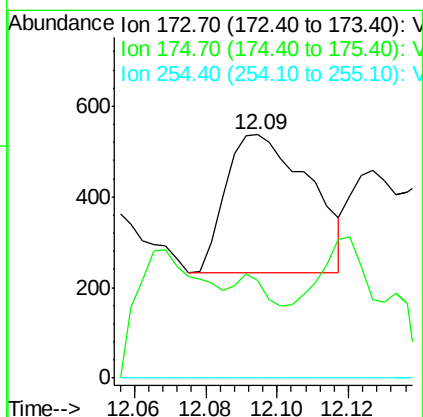
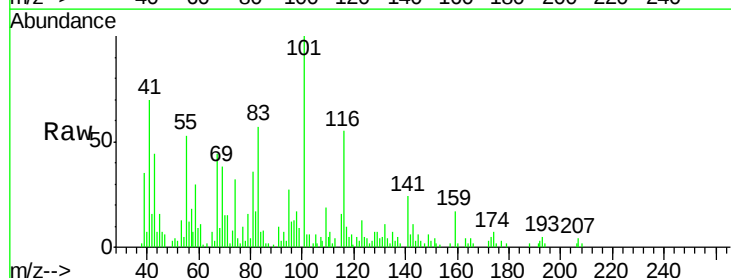
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

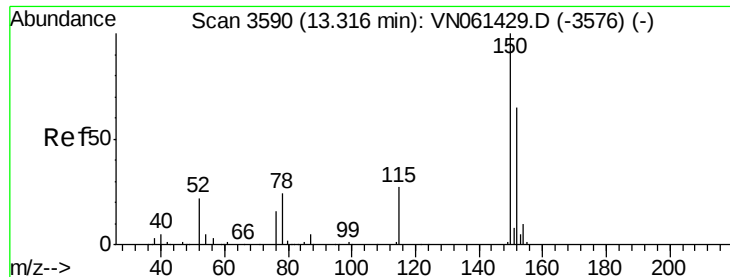
Tot Ion:106 Resp: 14556
Ion Ratio Lower Upper
106 100
91 185.3 107.9 323.7



#71
Bromoform
Concen: 2.170 ug/l
RT: 12.09 min Scan# 3210
Delta R.T. -0.01 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion:173 Resp: 496
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



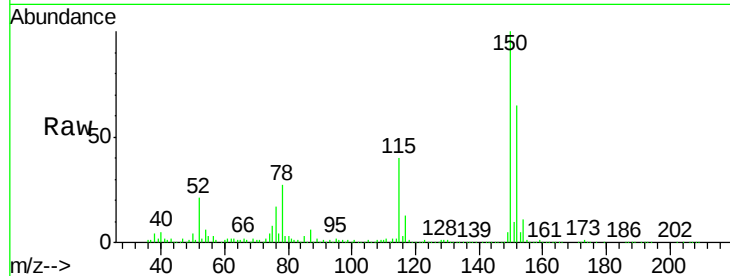


#72

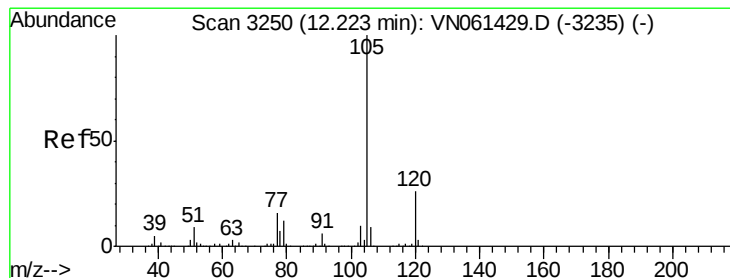
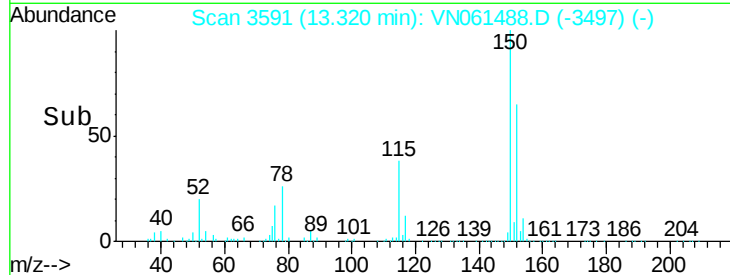
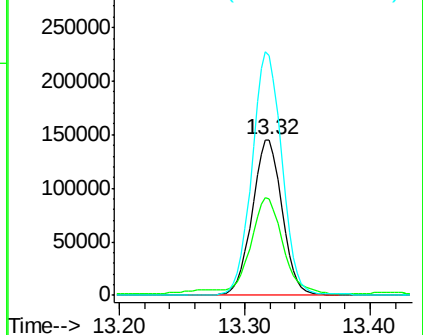
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

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

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



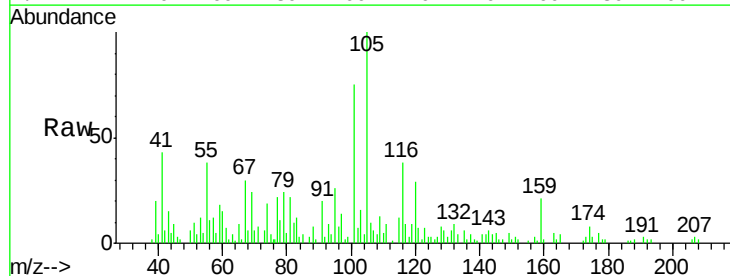
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



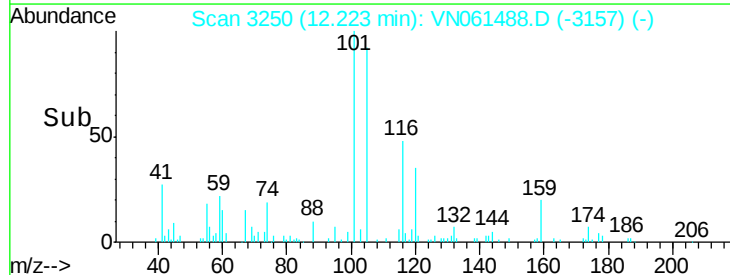
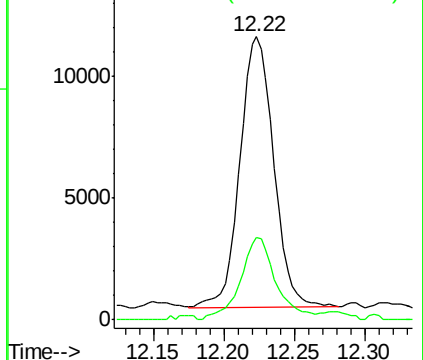
#73

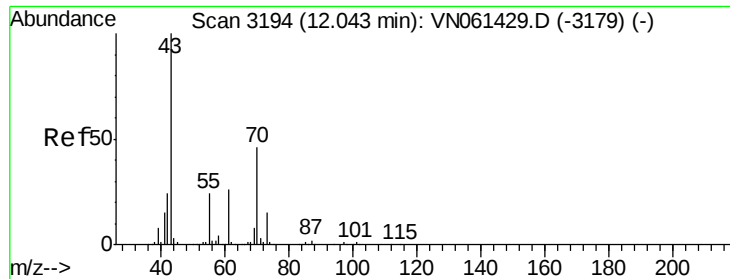
Isopropylbenzene
Concen: 0.971 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

Tgt Ion:105 Resp: 18617
Ion Ratio Lower Upper
105 100
120 32.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.592 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 43 Resp: 4153

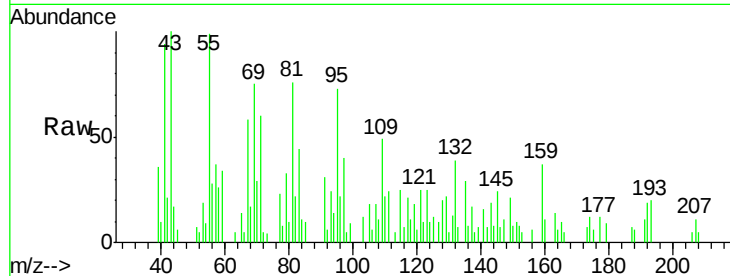
Ion Ratio Lower Upper

43 100

70 35.9 37.0 55.4#

55 31.9 19.5 29.3#

61 0.0 20.8 31.2#

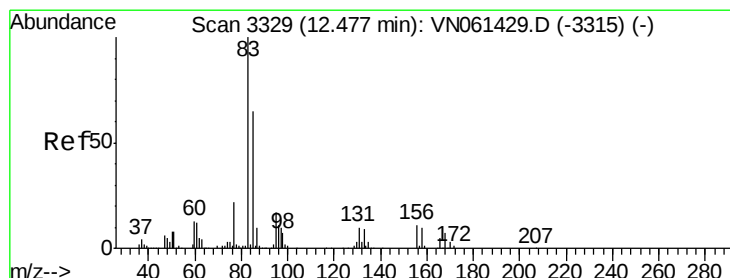
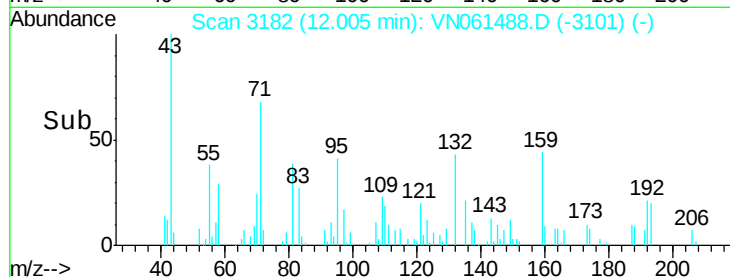
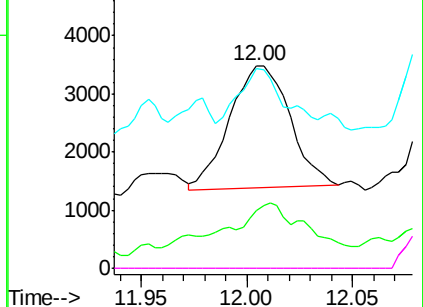


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.312 ug/l

RT: 12.41 min Scan# 3308

Delta R.T. -0.07 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

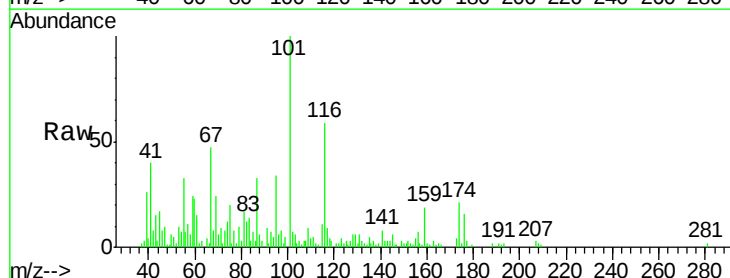
Tgt Ion: 83 Resp: 1644

Ion Ratio Lower Upper

83 100

131 7.5 4.8 14.4

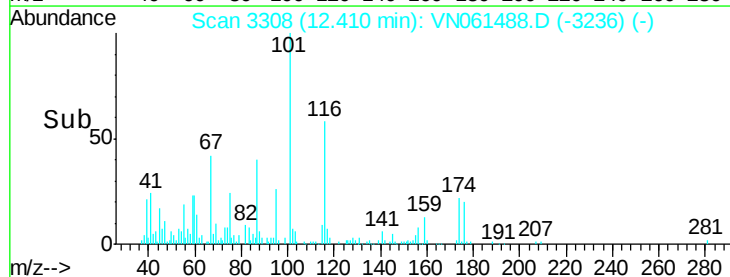
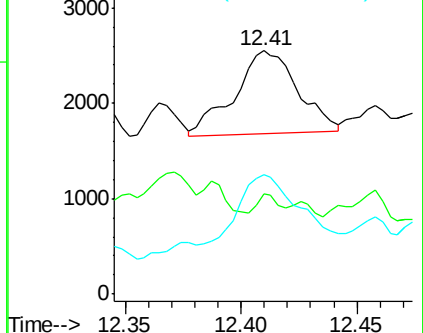
85 79.9 32.1 96.5

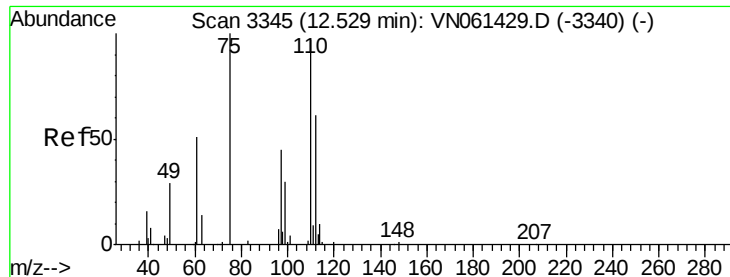


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 27.377 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

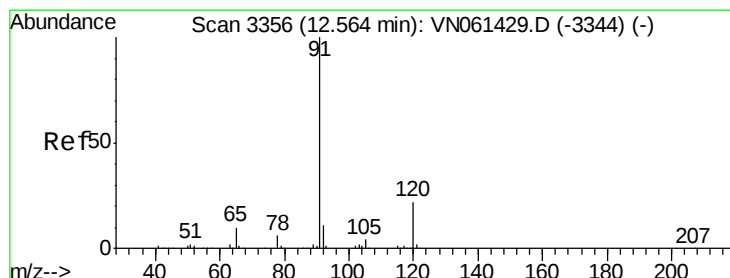
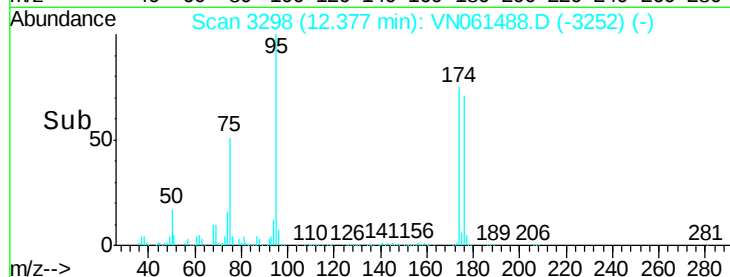
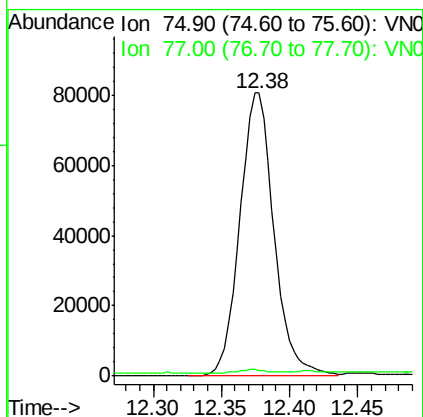
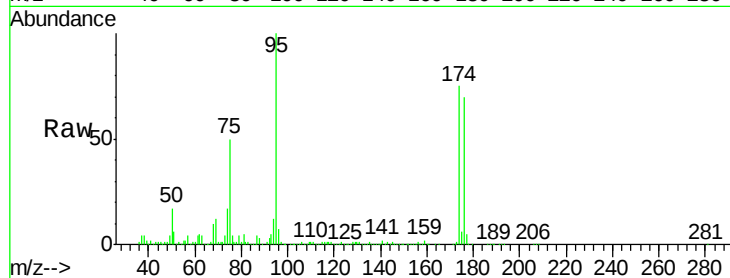
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 75 Resp: 140251

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#78

n-propylbenzene

Concen: 0.732 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061488.D

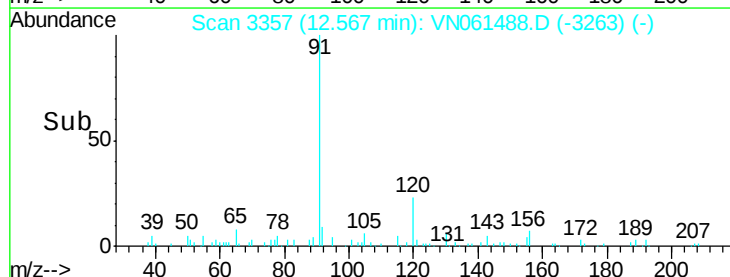
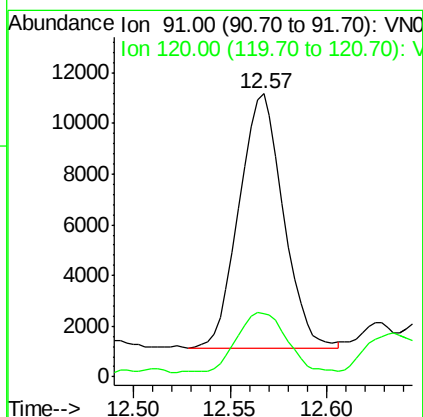
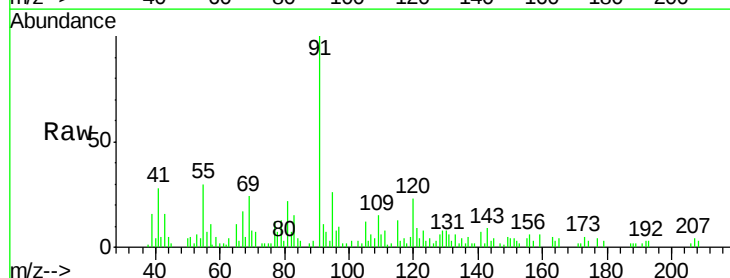
Acq: 19 May 2020 17:07

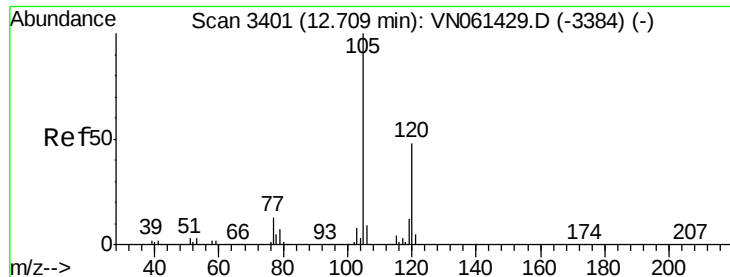
Tgt Ion: 91 Resp: 15989

Ion Ratio Lower Upper

91 100

120 26.3 11.2 33.6

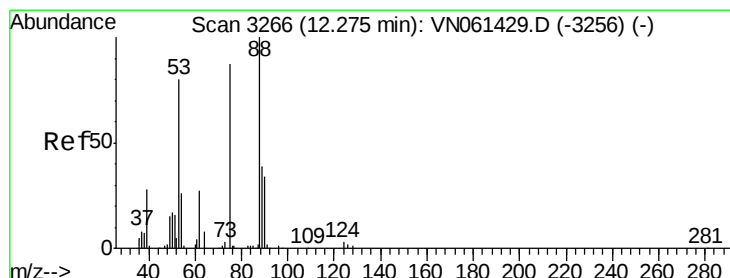
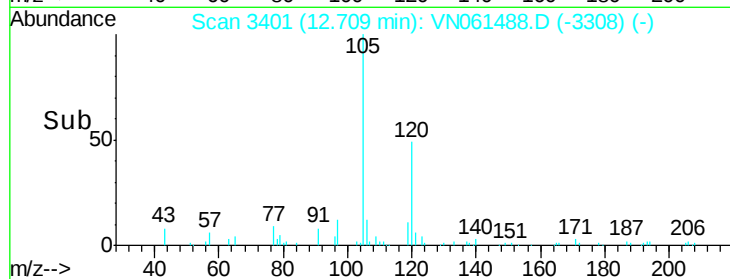
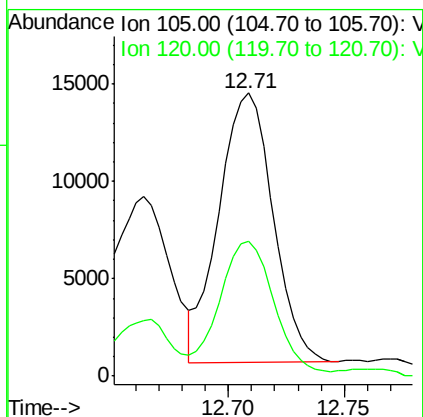
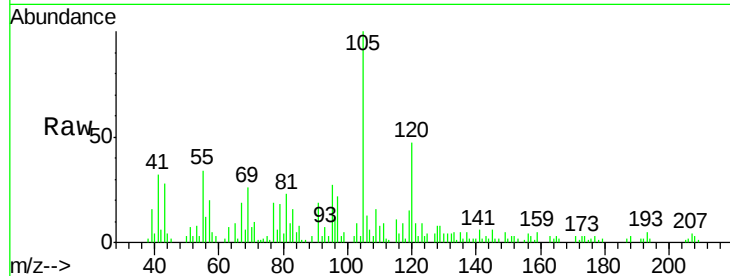




#80
 1,3,5-Trimethylbenzene
 Concen: 1.433 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

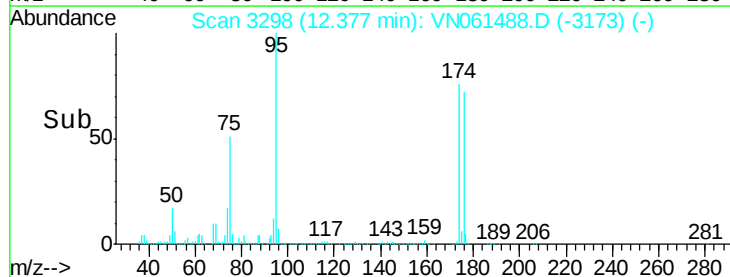
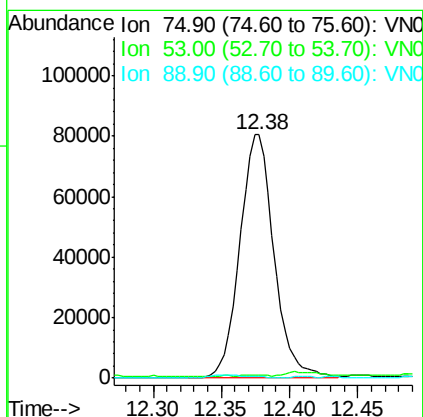
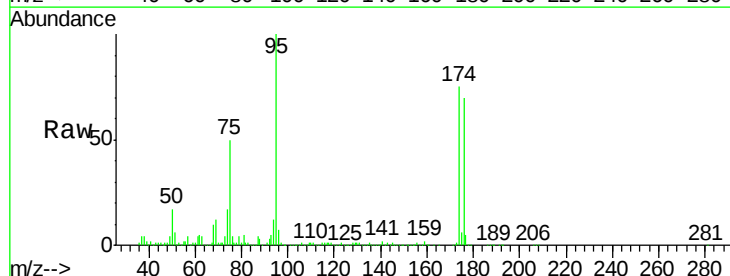
Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

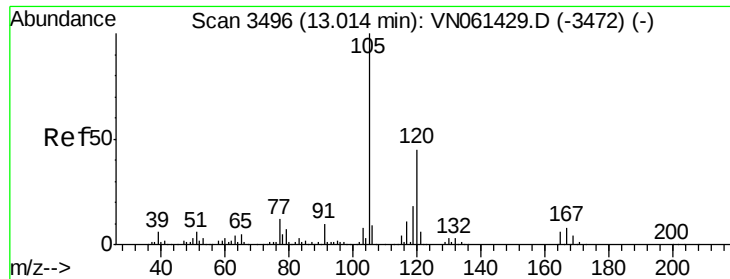
Tot Ion:105 Resp: 22488
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.625 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Tgt Ion: 75 Resp: 140251
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.2 112.8#
 89 0.0 38.2 57.4#

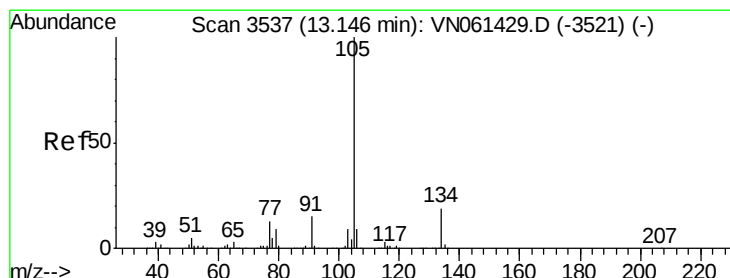
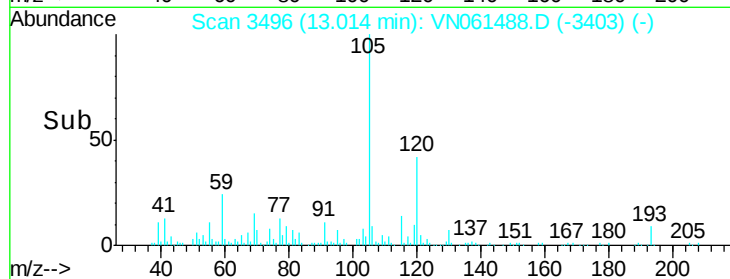
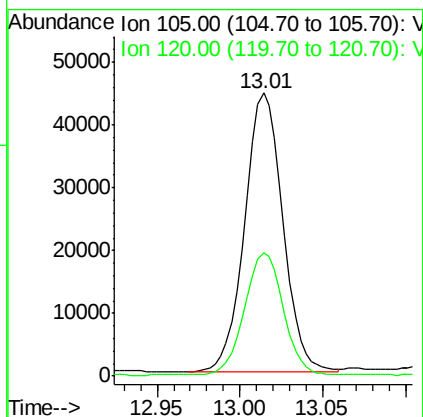
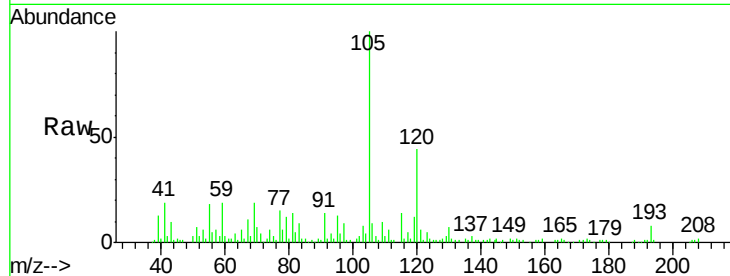




#84
 1,2,4-Trimethylbenzene
 Concen: 4.517 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

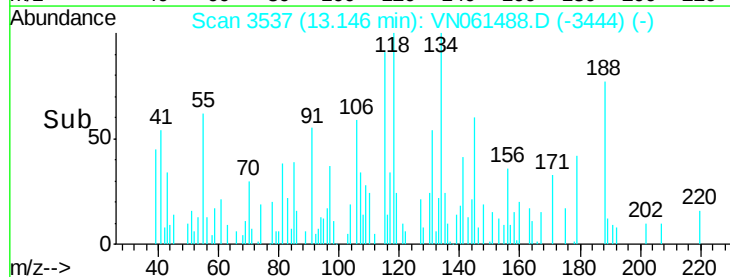
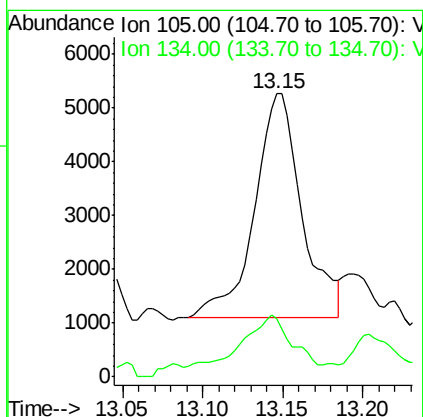
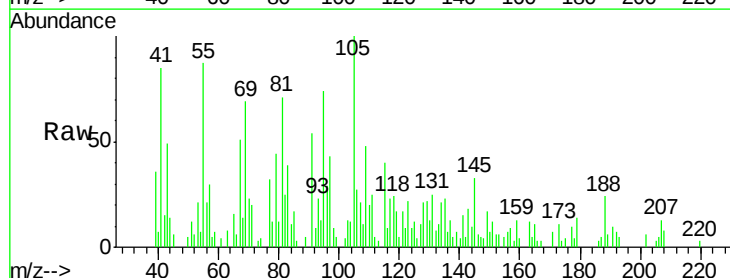
Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

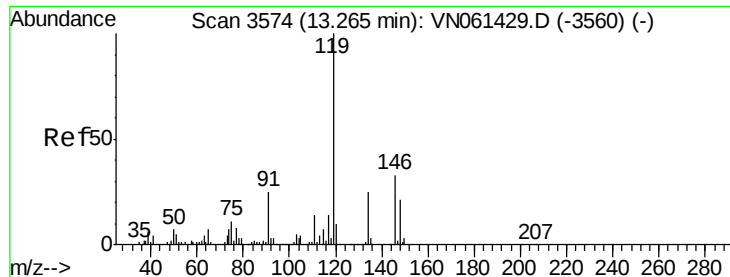
Tot Ion:105 Resp: 70949
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 0.469 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Tgt Ion:105 Resp: 8529
 Ion Ratio Lower Upper
 105 100
 134 28.3 9.8 29.5

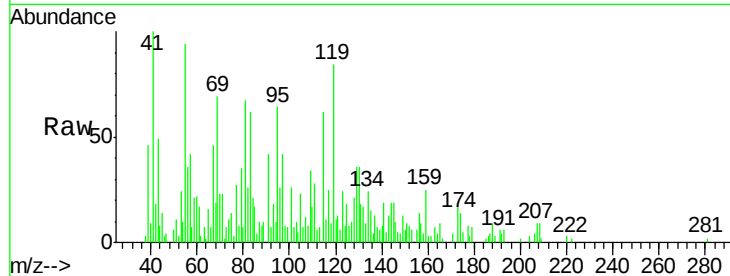




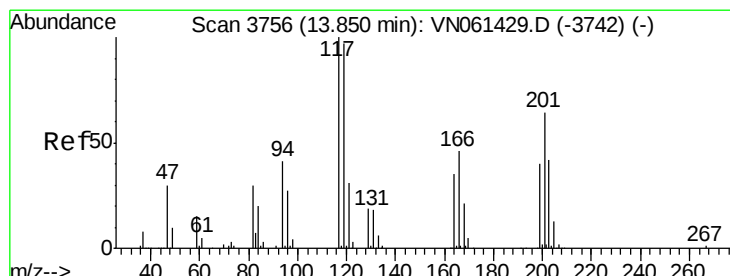
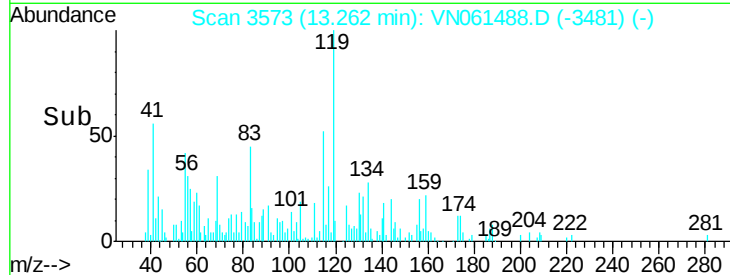
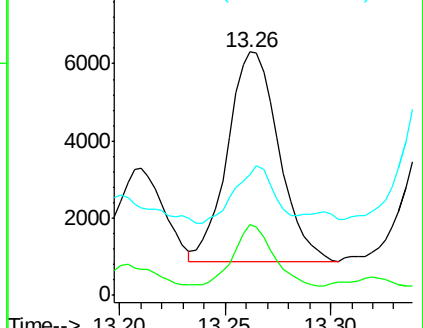
#86
 p-Isopropyltoluene
 Concen: 0.567 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

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

Tot Ion:119 Resp: 9147
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.7 38.1
 91 20.9 12.6 37.6

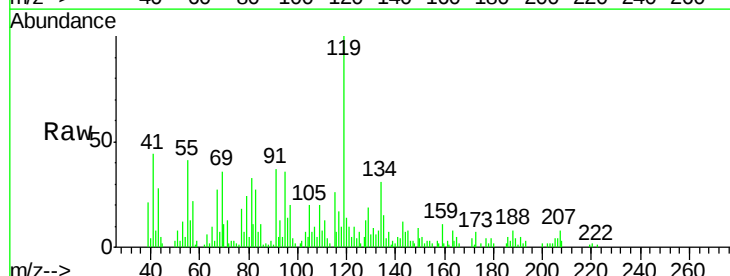


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

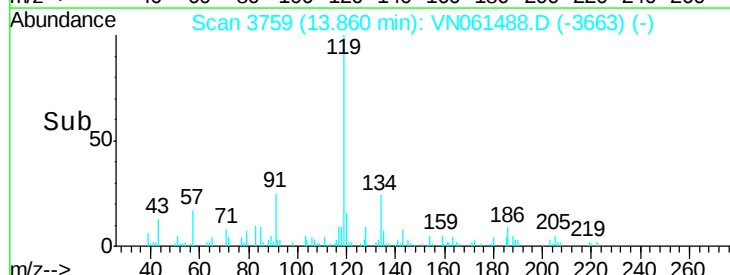
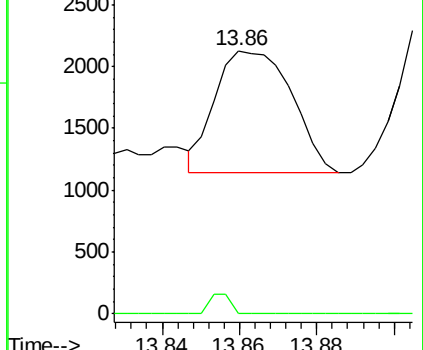


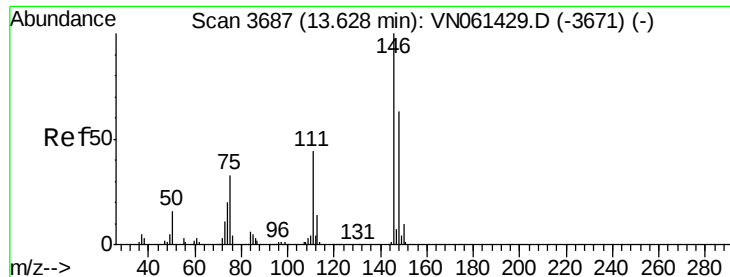
#90
 Hexachloroethane
 Concen: 0.620 ug/l
 RT: 13.86 min Scan# 3759
 Delta R.T. 0.01 min
 Lab File: VN061488.D
 Acq: 19 May 2020 17:07

Tgt Ion:117 Resp: 1357
 Ion Ratio Lower Upper
 117 100
 201 4.3 32.9 98.7#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 0.274 ug/l

RT: 13.63 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

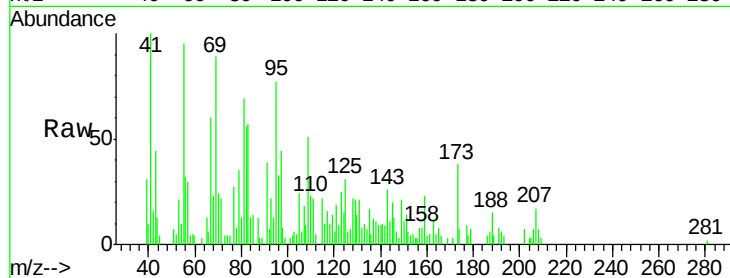
Tot Ion:146 Resp: 2002

Ion Ratio Lower Upper

146 100

111 0.0 21.9 65.7#

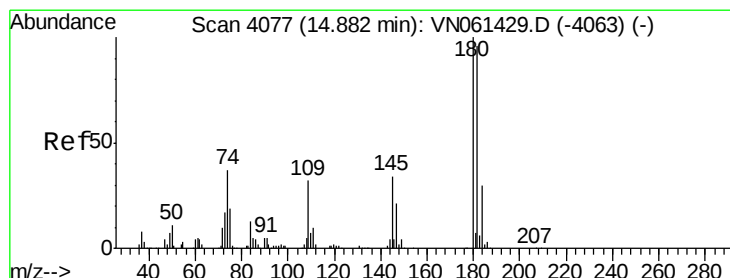
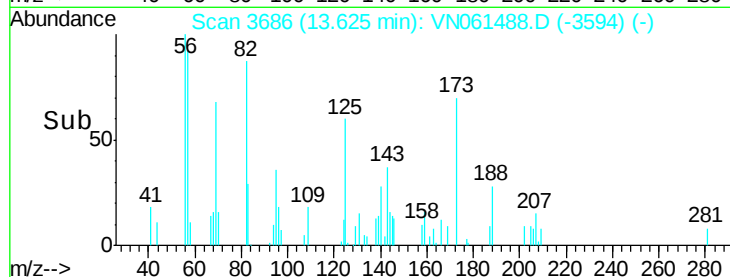
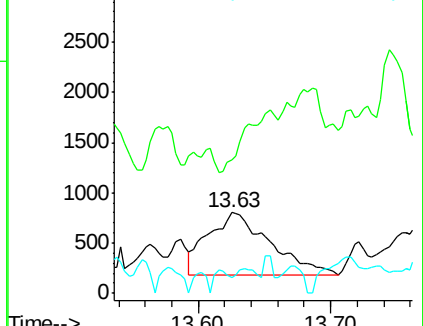
148 3.8 31.6 94.7#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.227 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN061488.D

Acq: 19 May 2020 17:07

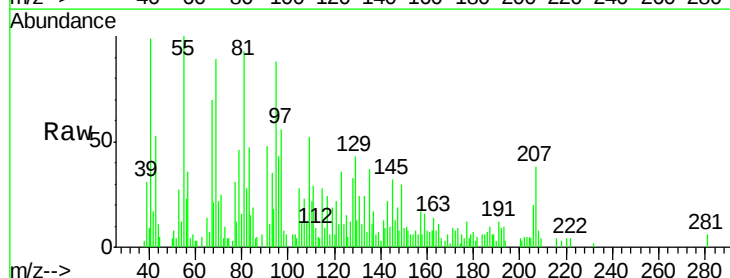
Tgt Ion:180 Resp: 898

Ion Ratio Lower Upper

180 100

182 71.6 47.0 141.0

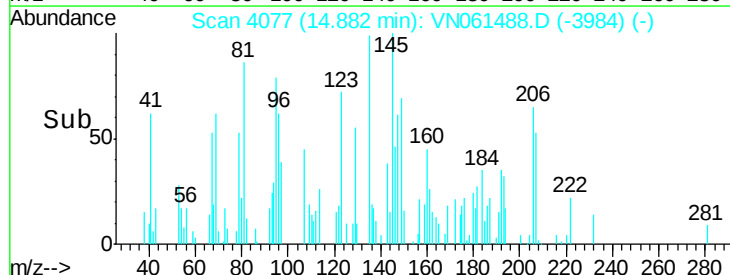
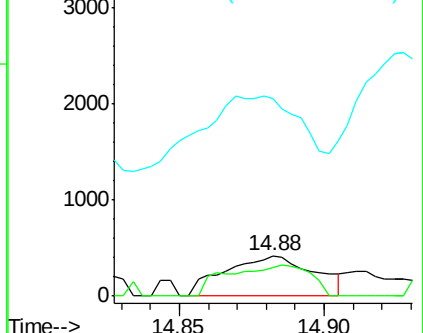
145 232.9 16.7 50.0#

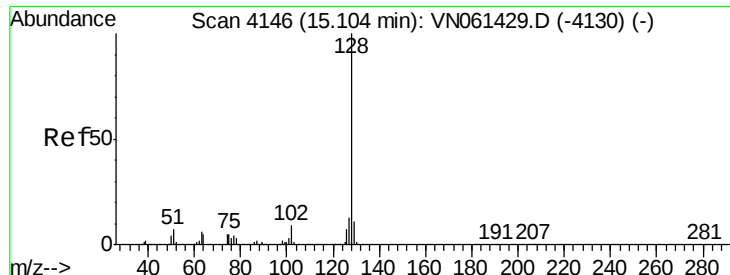


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

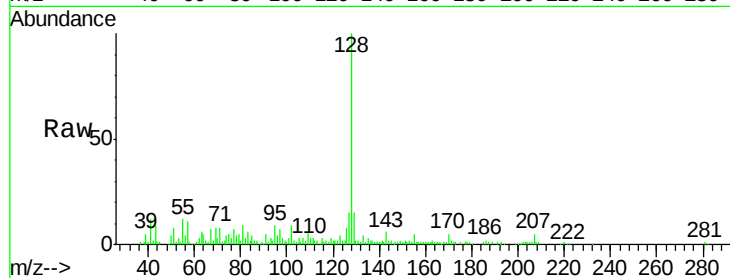




#95
Naphthalene
Concen: 6.914 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061488.D
Acq: 19 May 2020 17:07

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.1	15.1
129	13.3	8.6	13.0



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

