

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061448.D
 Acq On : 18 May 2020 20:34
 Operator : JC/MD
 Sample : L2665-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: May 19 03:33:05 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	274502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	508019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228401	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	199973	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
35) Dibromofluoromethane	7.54	113	20640	7.76	ug/l	0.00
Spiked Amount			Recovery	=	15.52%	
50) Toluene-d8	10.06	98	652794	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.38	95	251636	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	682	Below Cal	#	60
11) Tert butyl alcohol	4.72	59	2682	5.682	ug/l #	78
13) Acrolein	3.56	56	30	Below Cal	#	16
16) Acetone	3.78	43	37606	25.611	ug/l	99
17) Carbon Disulfide	4.01	76	1886	Below Cal	#	75
18) Methyl Acetate	4.27	43	149	Below Cal	#	49
19) Methyl tert-butyl Ether	4.99	73	13218	1.238	ug/l #	79
20) Methylene Chloride	4.50	84	5156	1.531	ug/l	92
25) 2-Butanone	6.80	43	12733	6.826	ug/l	94
29) Tetrahydrofuran	7.18	42	301	0.244	ug/l #	29
31) Cyclohexane	7.62	56	21923	1.247	ug/l #	83
36) 1,1-Dichloropropene	7.63	75	23776	5.005	ug/l #	51
37) Ethyl Acetate	6.80	43	12733	2.956	ug/l #	67
38) Carbon Tetrachloride	7.63	117	29685	6.787	ug/l #	15
39) Methylcyclohexane	9.05	83	20596	3.550	ug/l	96
40) Benzene	8.00	78	11780	0.823	ug/l	98
43) Isopropyl Acetate	8.10	43	1914	0.255	ug/l #	52
48) Methyl methacrylate	9.13	41	1829	0.527	ug/l #	41
51) 4-Methyl-2-Pentanone	9.96	43	2922	0.714	ug/l #	82
53) t-1,3-Dichloropropene	10.51	75	1828	0.315	ug/l	95
55) 1,1,2-Trichloroethane	10.50	97	1950	0.561	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.78	63	1415	0.593	ug/l #	67
59) 2-Hexanone	10.73	43	598	0.202	ug/l #	50
67) Ethyl Benzene	11.48	91	33605	1.790	ug/l	100
68) m/p-Xylenes	11.59	106	12684	1.780	ug/l	100
69) o-Xylene	11.92	106	13276	1.925	ug/l	99
71) Bromoform	12.38	173	1788	2.619	ug/l #	1
73) Isopropylbenzene	12.22	105	19282	1.052	ug/l	97
74) N-amyl acetate	12.01	43	3603	0.537	ug/l #	79
76) 1,2,3-Trichloropropane	12.38	75	137226	28.000	ug/l #	100
78) n-propylbenzene	12.57	91	18678	0.894	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	24623	1.640	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	137226	74.278	ug/l #	12
82) 4-Chlorotoluene	12.71	91	2809	0.220	ug/l #	43

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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

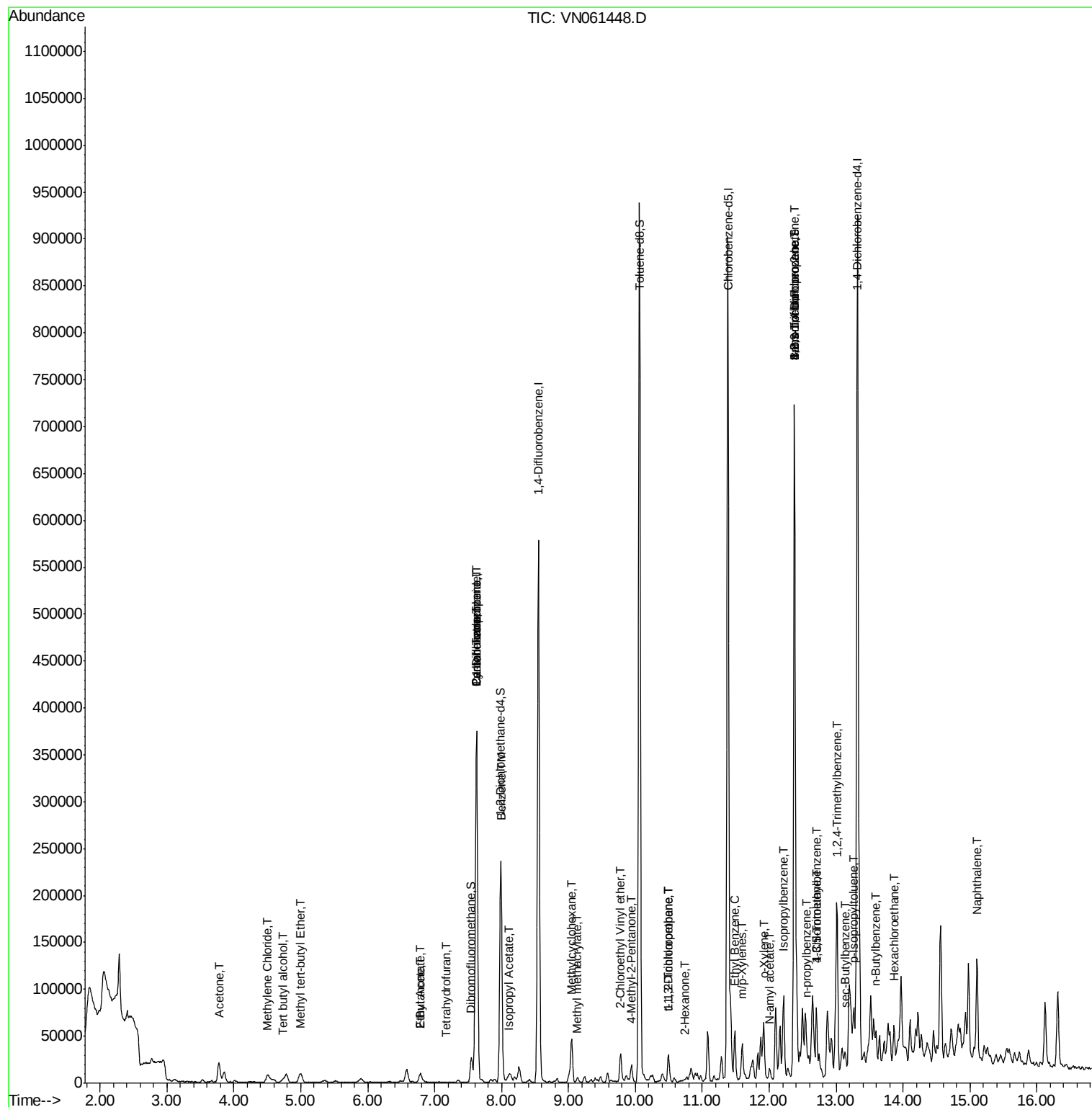
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.01	105	75622	5.033	ug/l	99
85) sec-Butylbenzene	13.15	105	6940	0.399	ug/l	84
86) p-Isopropyltoluene	13.26	119	9100	0.589	ug/l	93
89) n-Butylbenzene	13.58	91	3042	0.217	ug/l #	68
90) Hexachloroethane	13.87	117	1698	0.811	ug/l #	17
95) Naphthalene	15.10	128	87980	7.306	ug/l	97

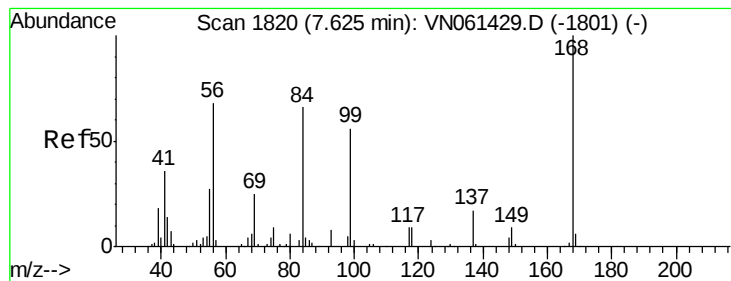
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

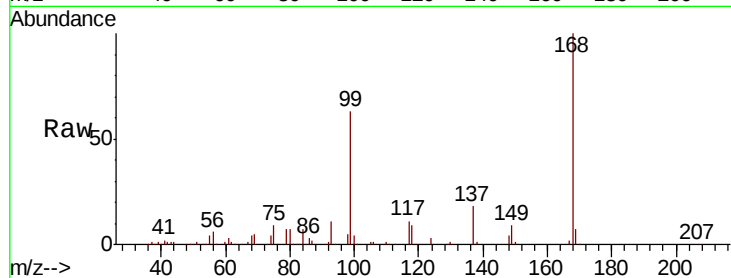
AMENDED-COMP-SPLP-LEACHATE

Tot Ion:168 Resp: 274502

Ion Ratio Lower Upper

168 100

99 62.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): VN061429.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061429.D (-1801) (-)

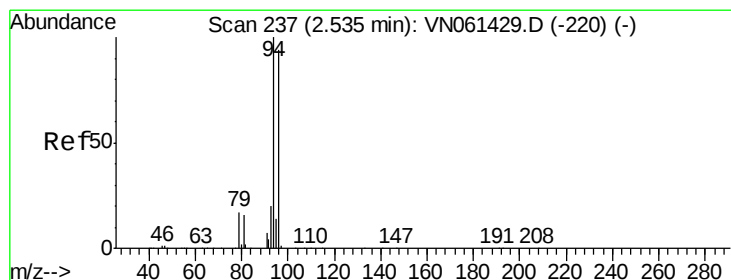
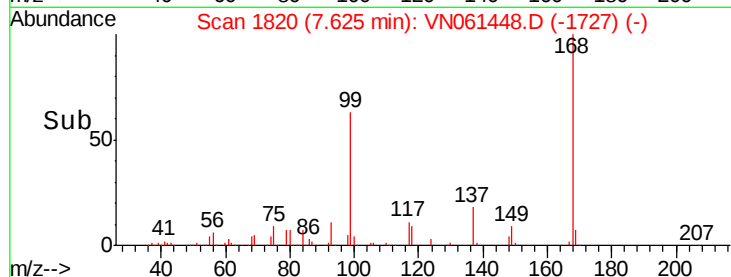
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN061448.D

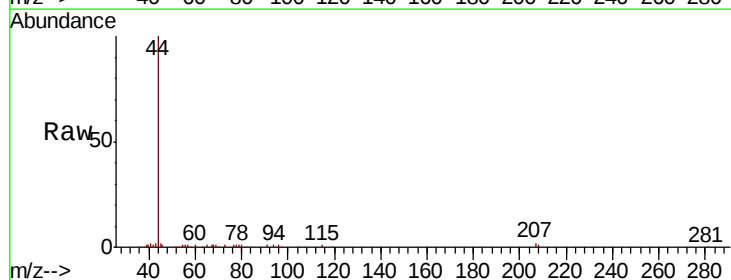
Acq: 18 May 2020 20:34

Tgt Ion: 94 Resp: 682

Ion Ratio Lower Upper

94 100

96 55.3 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VN061429.D (-220) (-)

Ion 95.90 (95.60 to 96.60): VN061429.D (-220) (-)

2.55

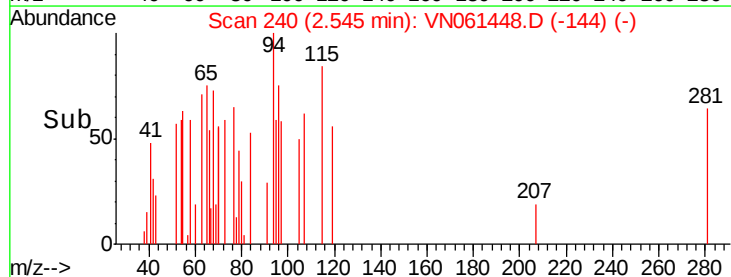
600

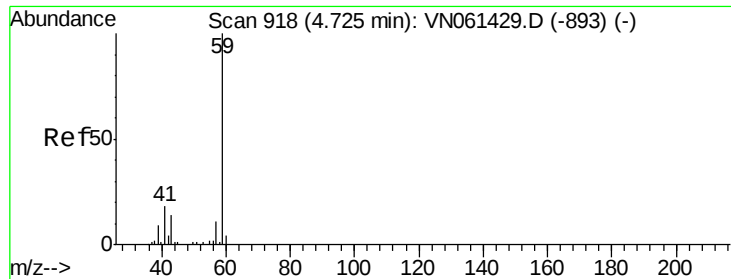
400

200

0

Time--> 2.50 2.52 2.54 2.56 2.58

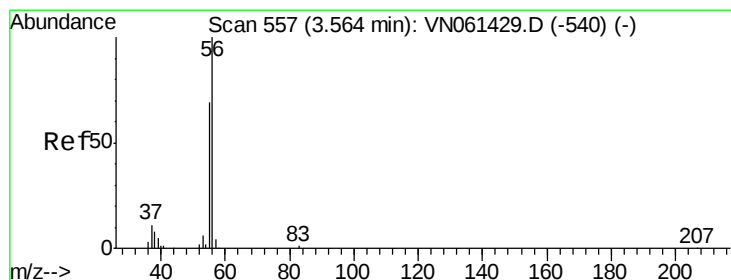
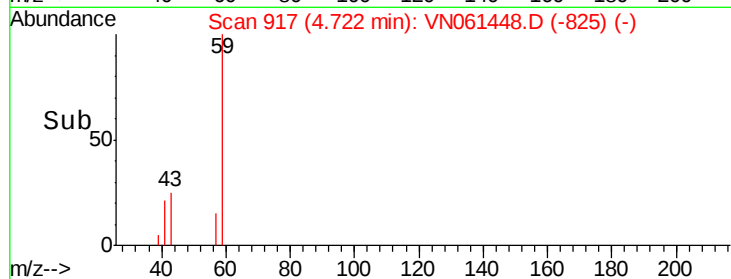
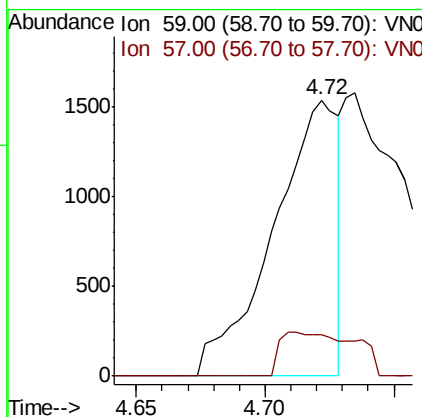
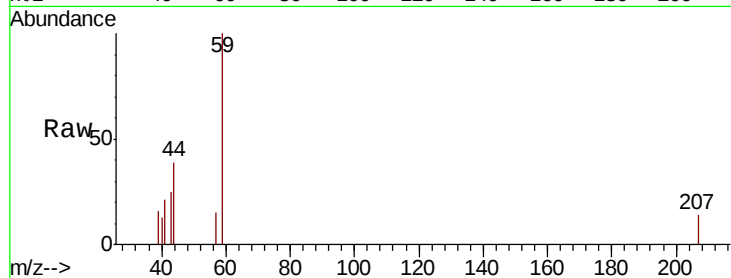




#11
Tert butyl alcohol
Concen: 5.682 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

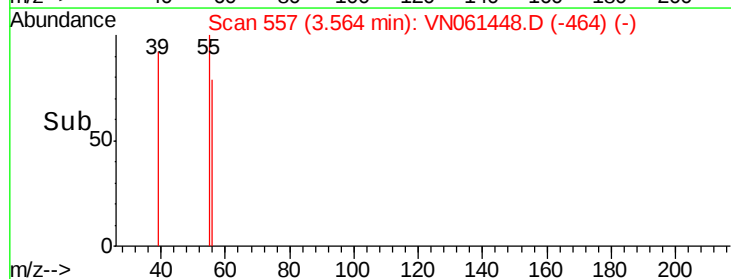
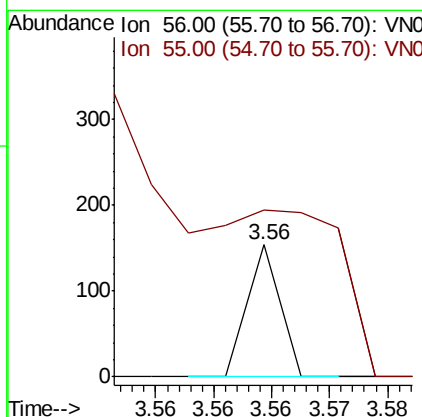
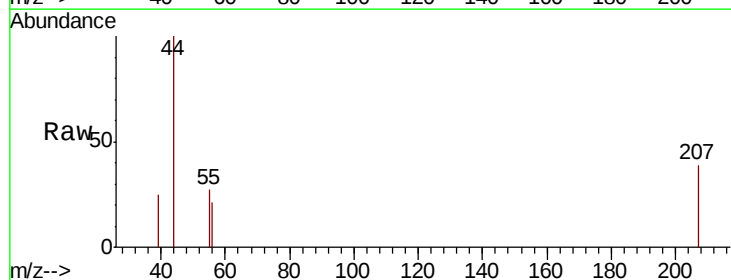
Instrument :
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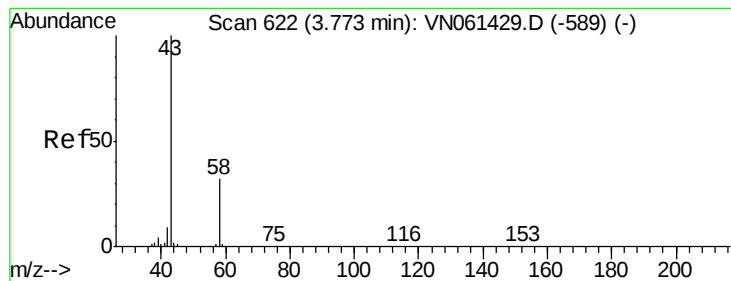
Tot Ion: 59 Resp: 2682
Ion Ratio Lower Upper
59 100
57 18.4 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 3.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#





#16

Acetone

Concen: 25.611 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

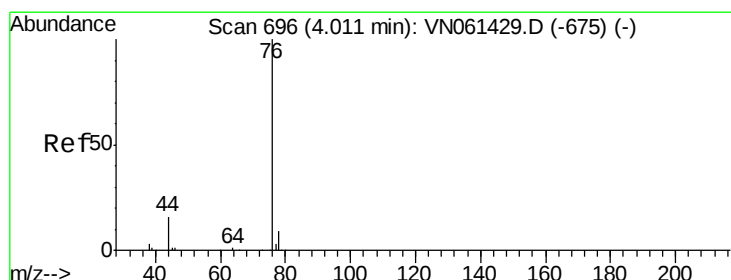
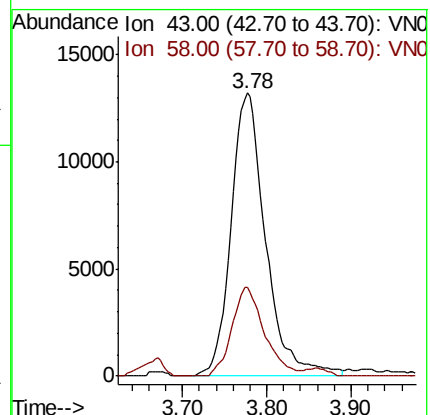
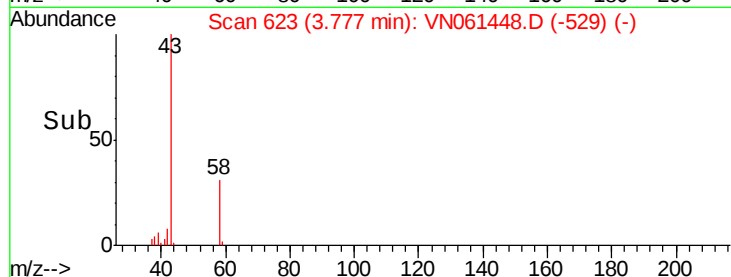
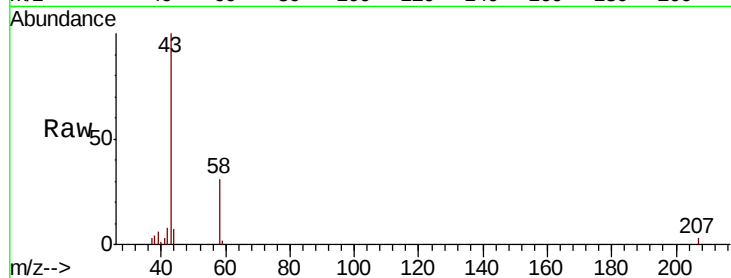
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 43 Resp: 37606

Ion Ratio Lower Upper

43 100

58 31.4 25.6 38.4



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061448.D

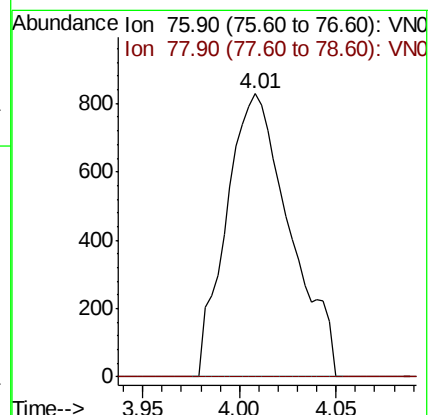
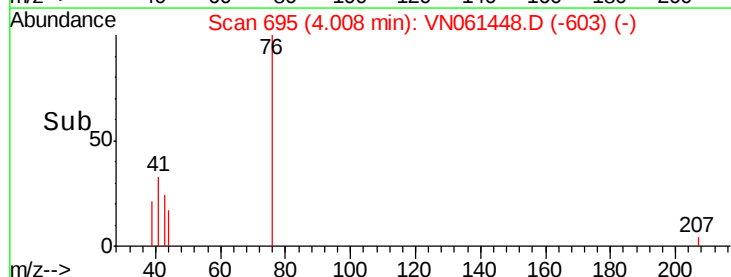
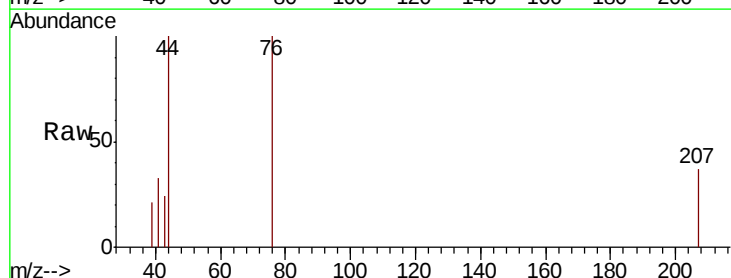
Acq: 18 May 2020 20:34

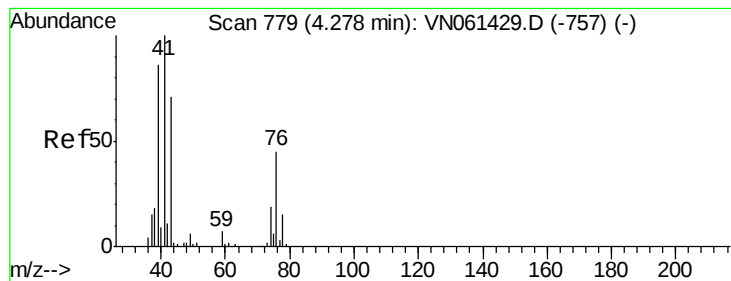
Tgt Ion: 76 Resp: 1886

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

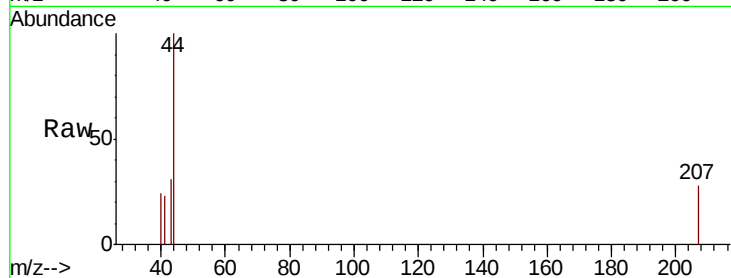
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 43 Resp: 149

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.27

250

200

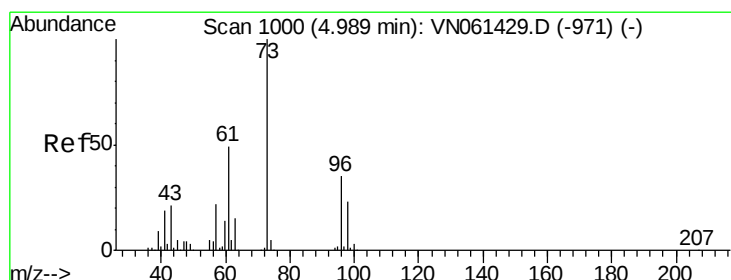
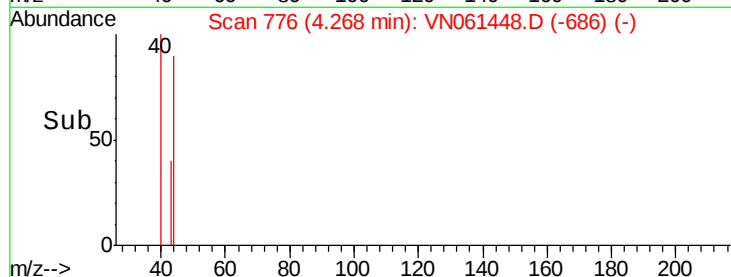
150

100

50

0

Time--> 4.25 4.26 4.27 4.28



#19

Methyl tert-butyl Ether

Concen: 1.238 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061448.D

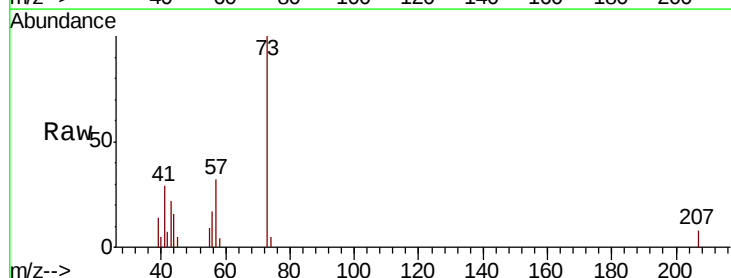
Acq: 18 May 2020 20:34

Tgt Ion: 73 Resp: 13218

Ion Ratio Lower Upper

73 100

57 31.9 17.4 26.0#



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.99

4000

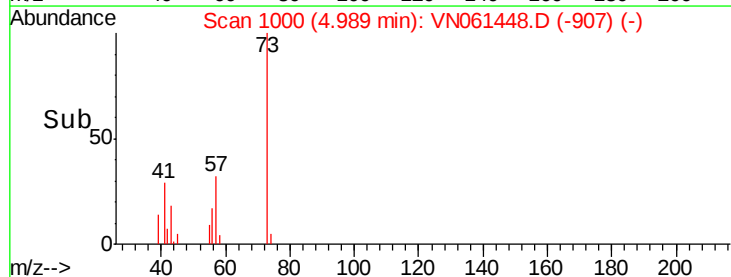
3000

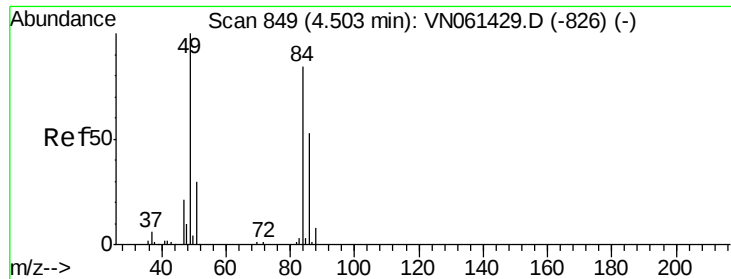
2000

1000

0

Time--> 4.90 5.00 5.10

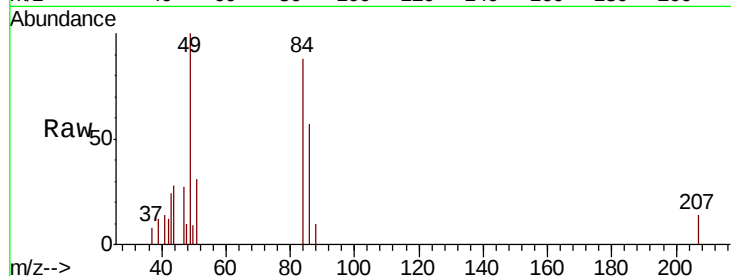




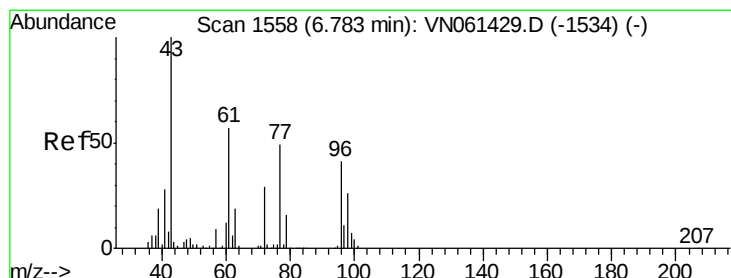
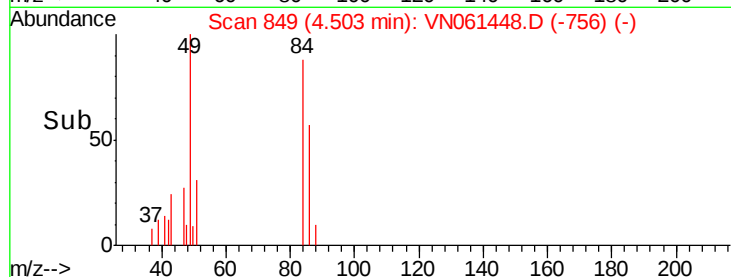
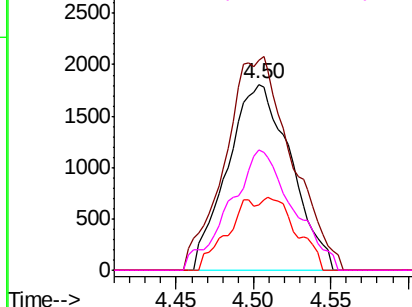
#20
Methvlene Chloride
Concen: 1.531 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

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

Tot Ion: 84 Resp: 5156
Ion Ratio Lower Upper
84 100
49 104.6 95.3 142.9
51 35.0 29.0 43.6
86 64.7 50.2 75.2

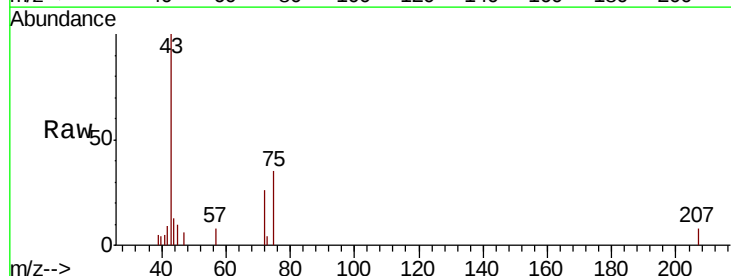


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

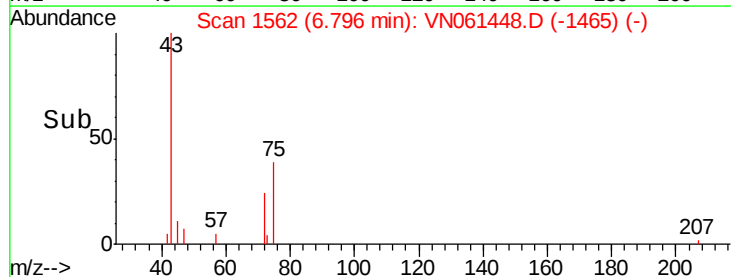
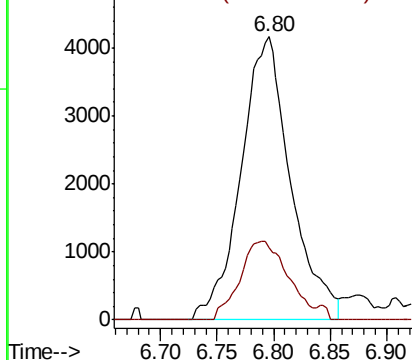


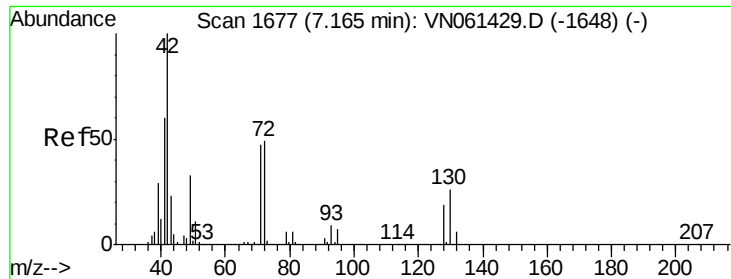
#25
2-Butanone
Concen: 6.826 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion: 43 Resp: 12733
Ion Ratio Lower Upper
43 100
72 25.7 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.244 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

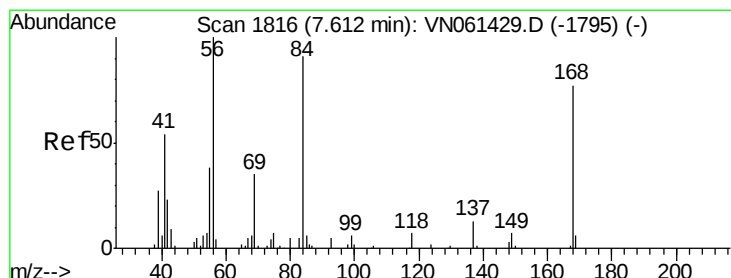
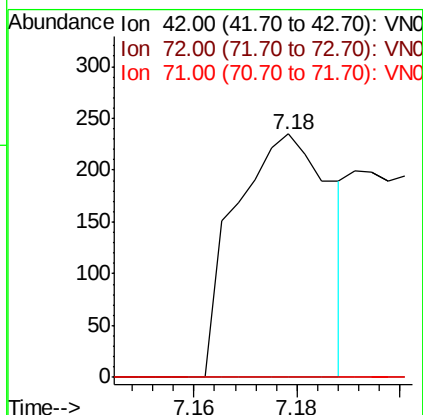
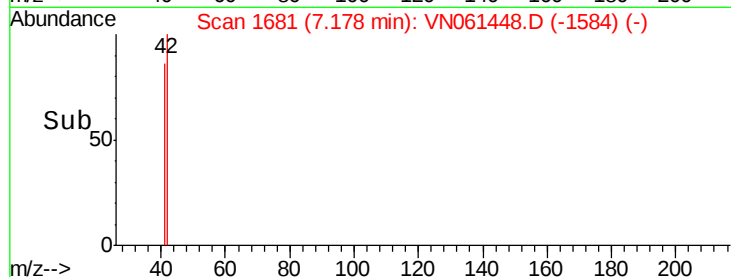
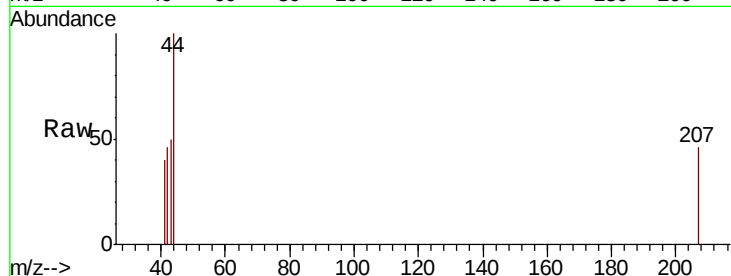
Tot Ion: 42 Resp: 301

Ion Ratio Lower Upper

42 100

72 0.0 39.0 58.6#

71 0.0 36.9 55.3#



#31

Cyclohexane

Concen: 1.247 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

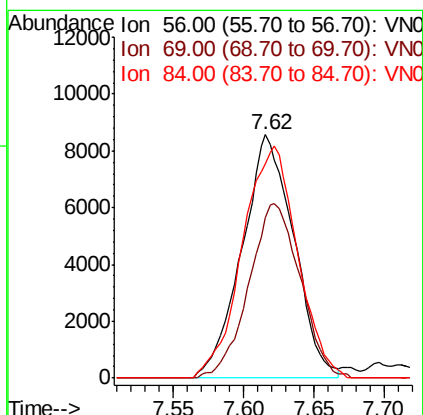
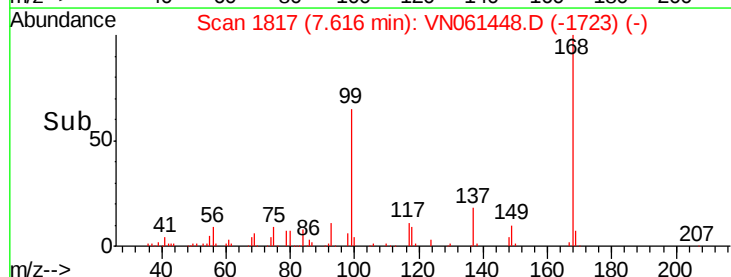
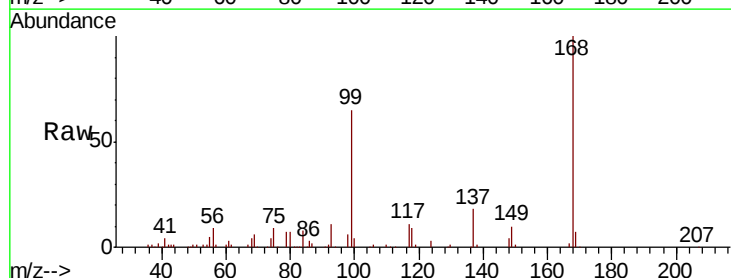
Tgt Ion: 56 Resp: 21923

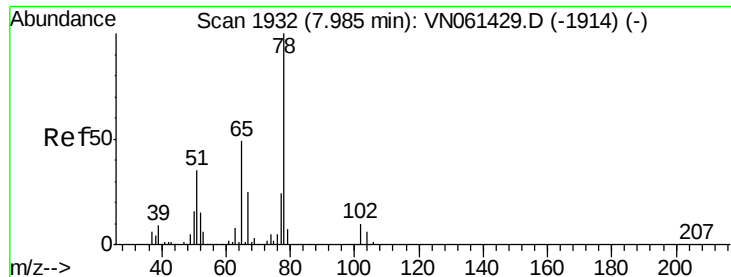
Ion Ratio Lower Upper

56 100

69 65.7 27.8 41.6#

84 88.2 72.7 109.1

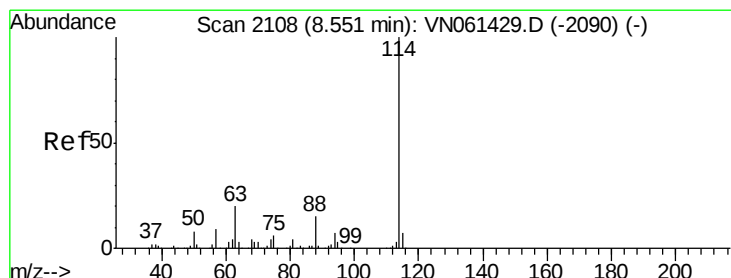
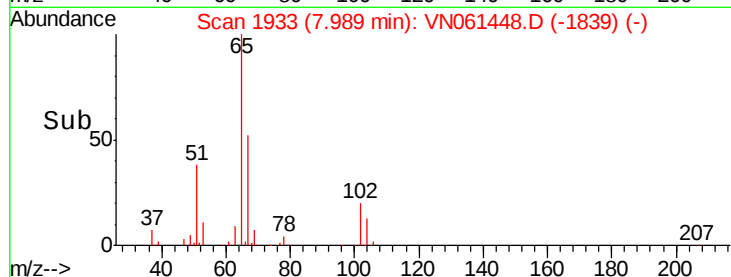
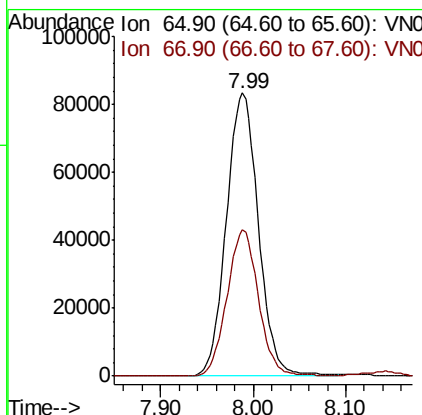
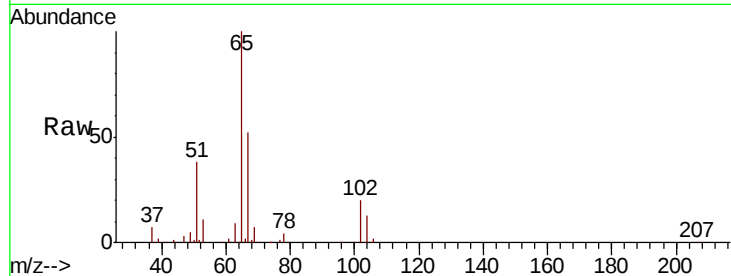




#33
 1,2-Dichloroethane-d4
 Concen: 48.812 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

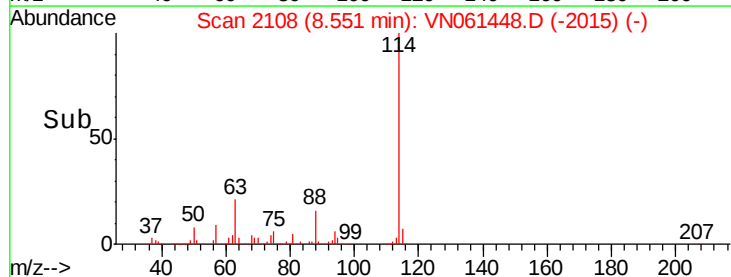
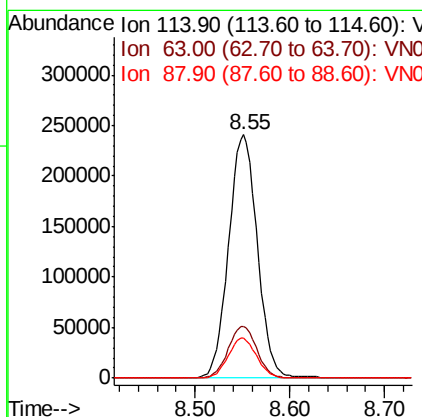
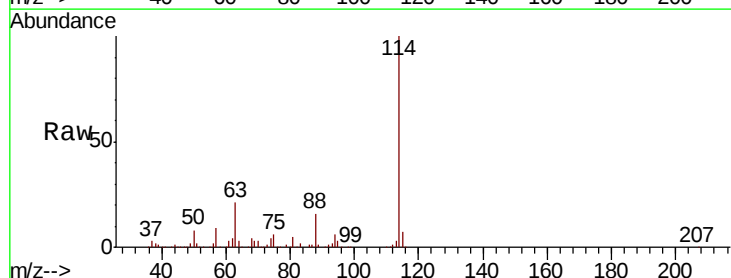
Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

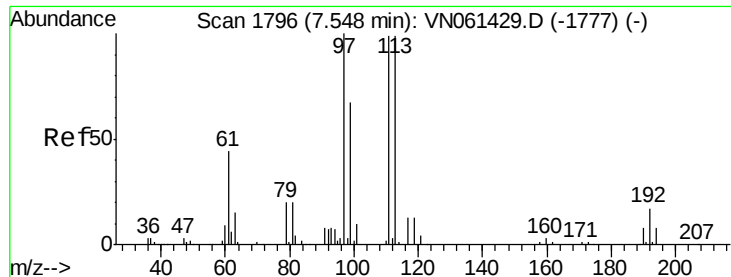
Tot Ion: 65 Resp: 199973
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

Tgt Ion: 114 Resp: 508019
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 16.4 0.0 30.8

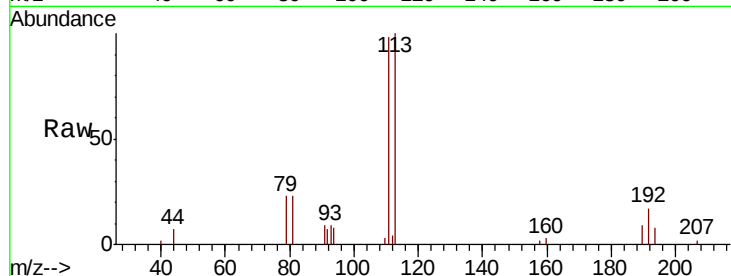




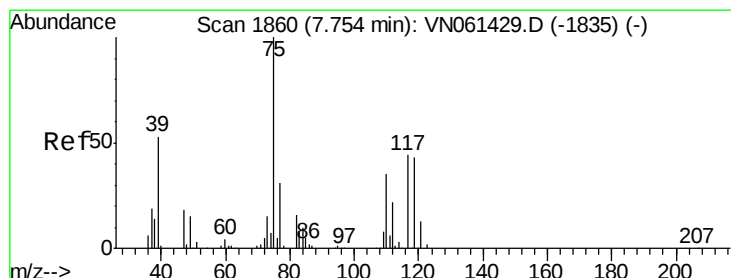
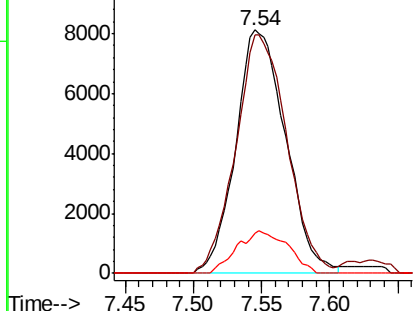
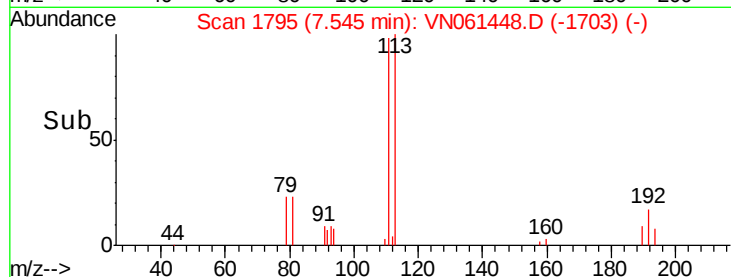
#35
 Dibromofluoromethane
 Concen: 7.755 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

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

Tot Ion:113 Resp: 20640
 Ion Ratio Lower Upper
 113 100
 111 100.4 80.6 121.0
 192 17.7 13.2 19.8

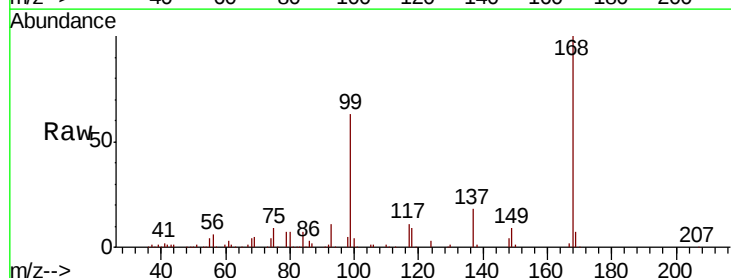


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

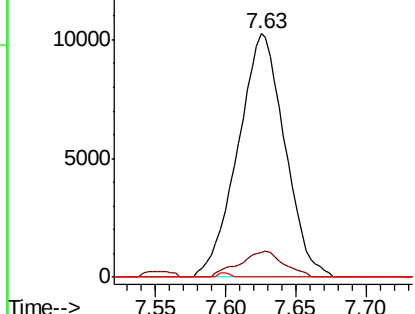
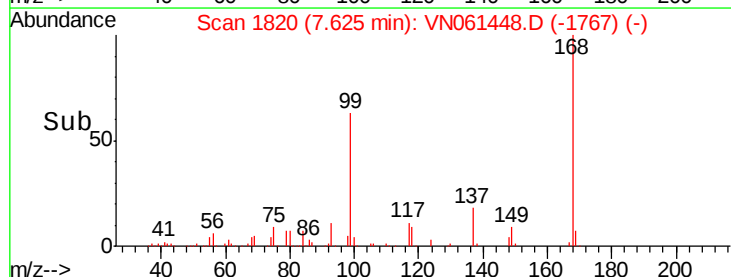


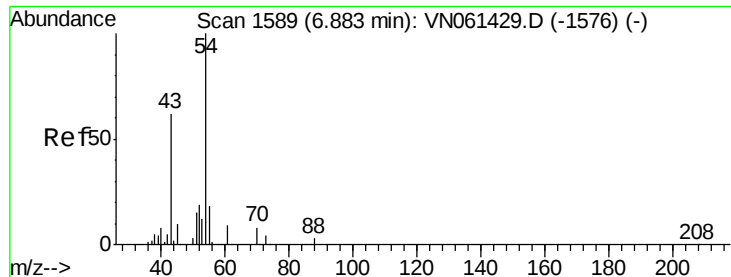
#36
 1,1-Dichloropropene
 Concen: 5.005 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

Tgt Ion: 75 Resp: 23776
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.3 51.9#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

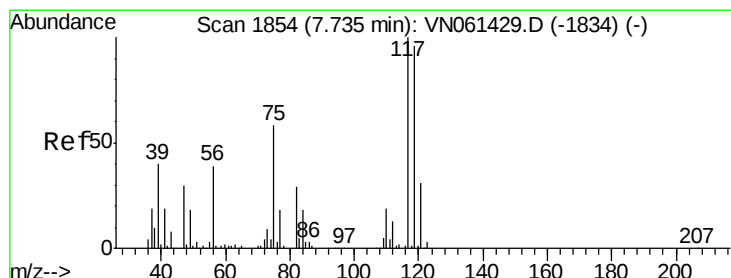
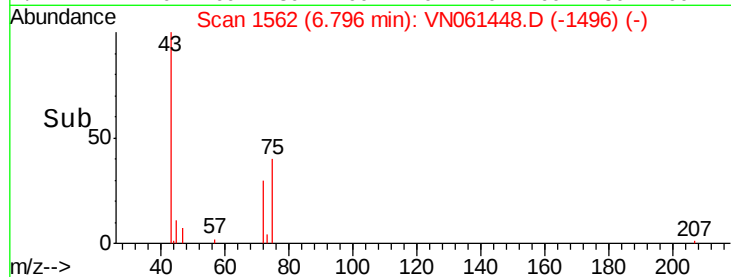
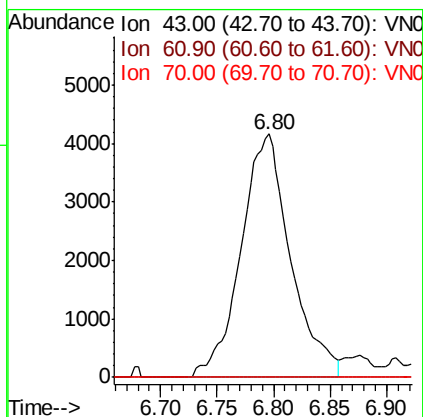
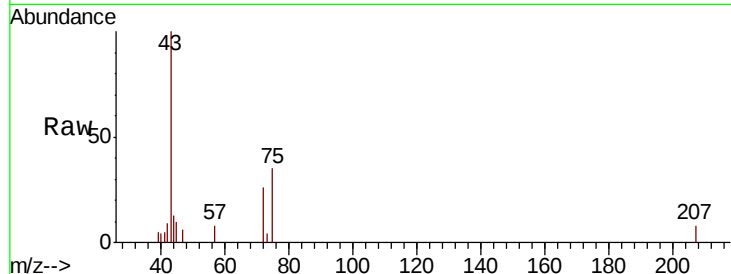




#37
Ethyl Acetate
Concen: 2.956 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.09 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

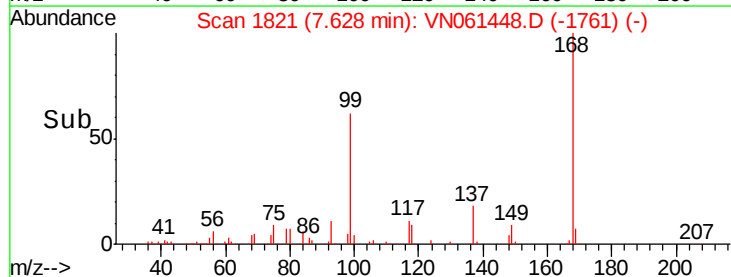
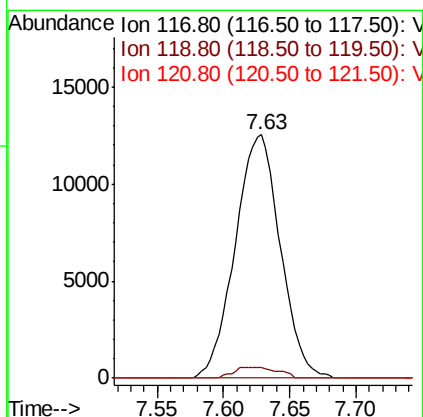
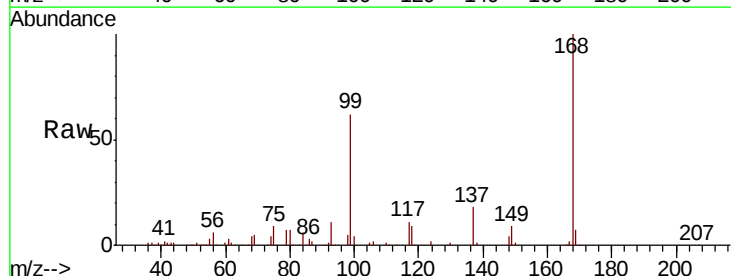
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

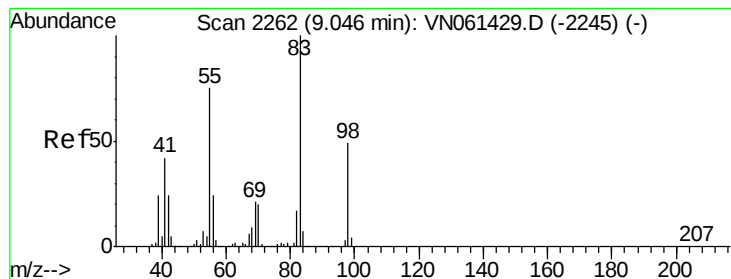
Tot Ion: 43 Resp: 12733
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.787 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion: 117 Resp: 29685
Ion Ratio Lower Upper
117 100
119 4.2 77.0 115.6#
121 0.0 24.7 37.1#





#39

Methvlcvclohexane

Concen: 3.550 ug/l

RT: 9.05 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

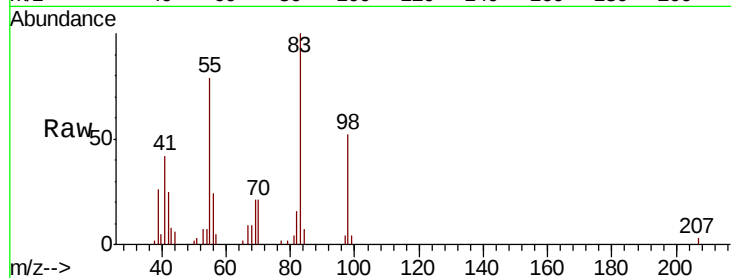
Tot Ion: 83 Resp: 20596

Ion Ratio Lower Upper

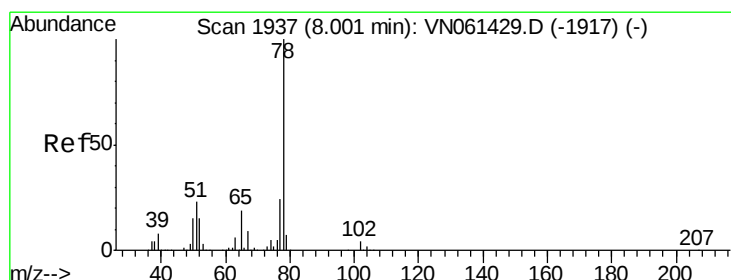
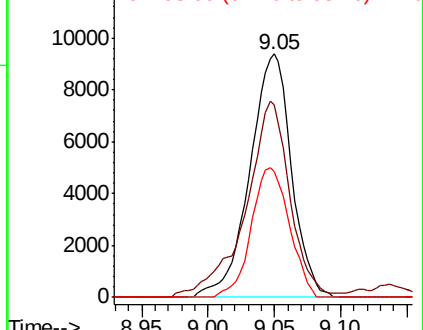
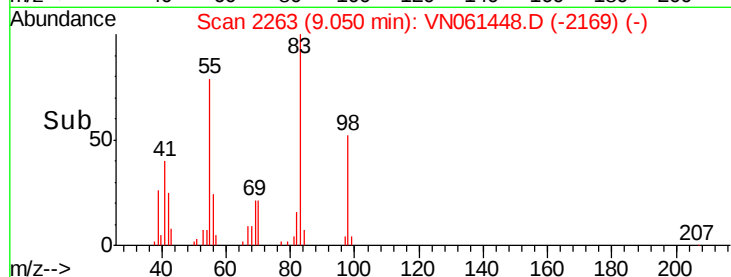
83 100

55 77.1 59.7 89.5

98 51.7 38.9 58.3



Abundance Ion 83.00 (82.70 to 83.70): VN061448.D (-2169) (-)



#40

Benzene

Concen: 0.823 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061448.D

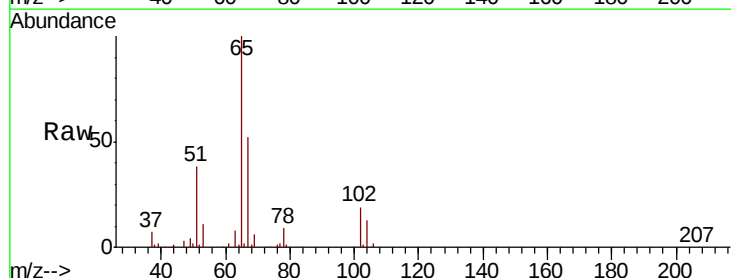
Acq: 18 May 2020 20:34

Tgt Ion: 78 Resp: 11780

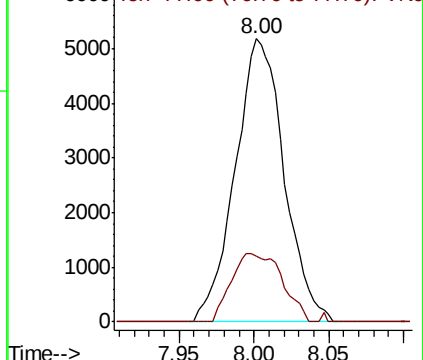
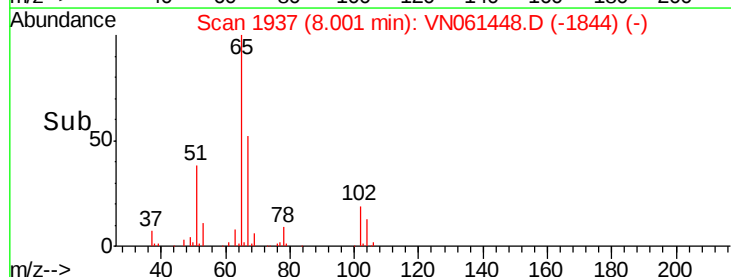
Ion Ratio Lower Upper

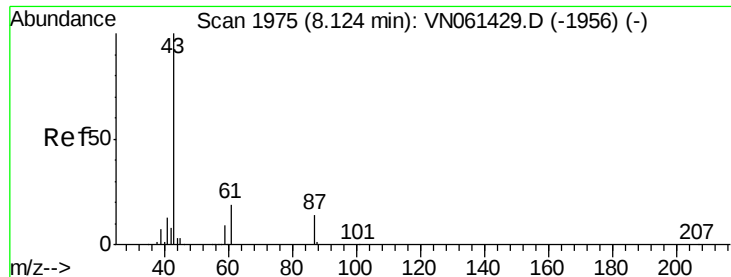
78 100

77 23.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN061448.D (-1844) (-)





#43

Isopropyl Acetate

Concen: 0.255 ug/l

RT: 8.10 min Scan# 1967

Delta R.T. -0.03 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

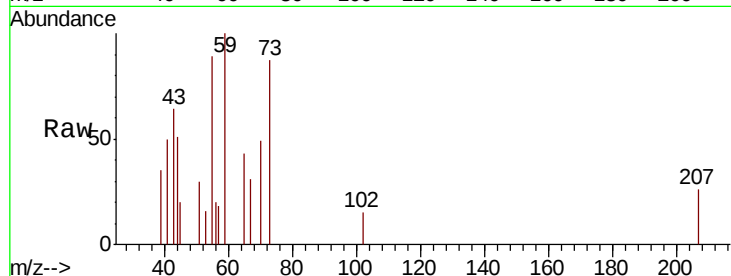
Tot Ion: 43 Resp: 1914

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.4#

87 0.0 11.6 17.4#

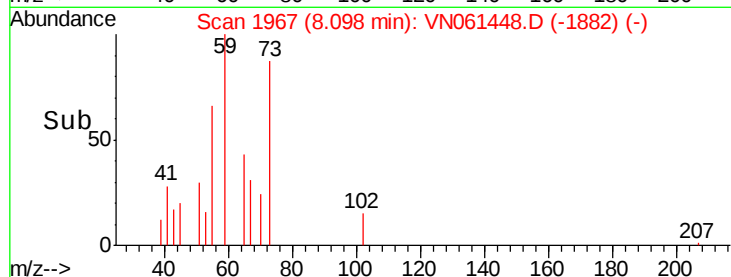


Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)

Time-->

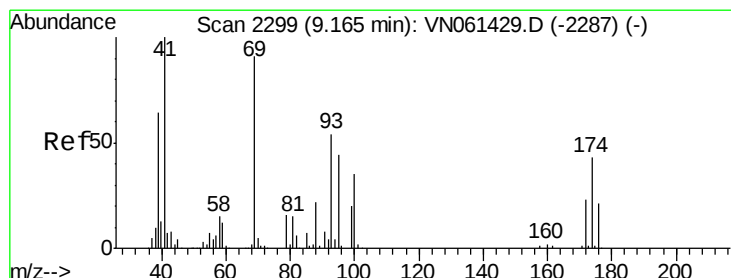


Abundance Ion 43.00 (42.70 to 43.70): VN061448.D (-1882) (-)

Ion 61.00 (60.70 to 61.70): VN061448.D (-1882) (-)

Ion 87.00 (86.70 to 87.70): VN061448.D (-1882) (-)

Time-->



#48

Methyl methacrylate

Concen: 0.527 ug/l

RT: 9.13 min Scan# 2289

Delta R.T. -0.03 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

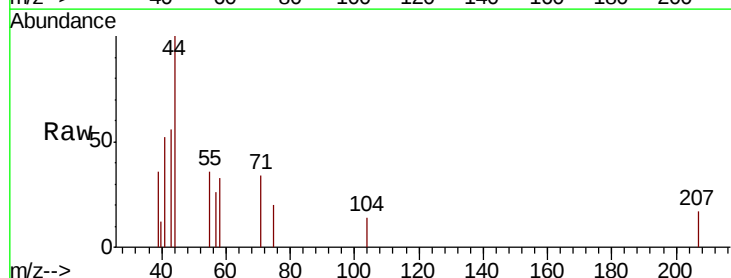
Tgt Ion: 41 Resp: 1829

Ion Ratio Lower Upper

41 100

69 0.0 75.3 112.9#

39 61.9 52.6 79.0

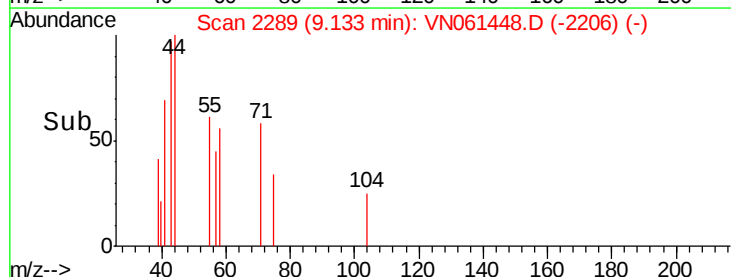


Abundance Ion 41.00 (40.70 to 41.70): VN061429.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061429.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061429.D (-2287) (-)

Time-->

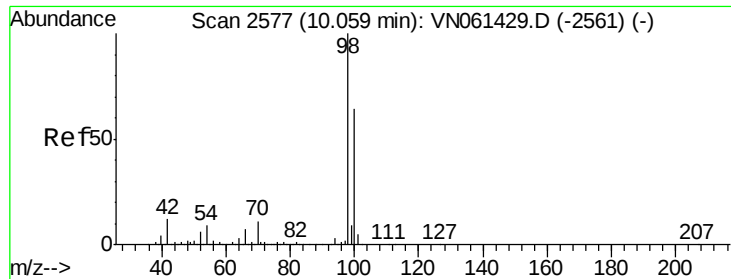


Abundance Ion 41.00 (40.70 to 41.70): VN061448.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061448.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061448.D (-2206) (-)

Time-->



#50

Toluene-d8

Concen: 52.883 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

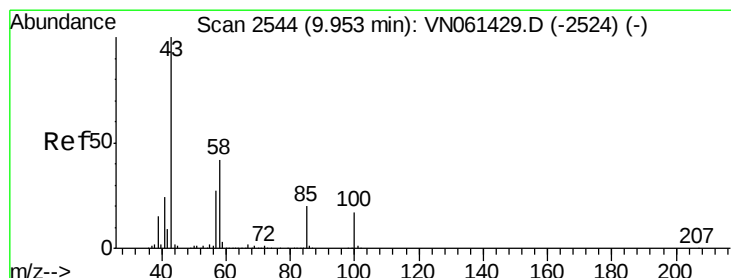
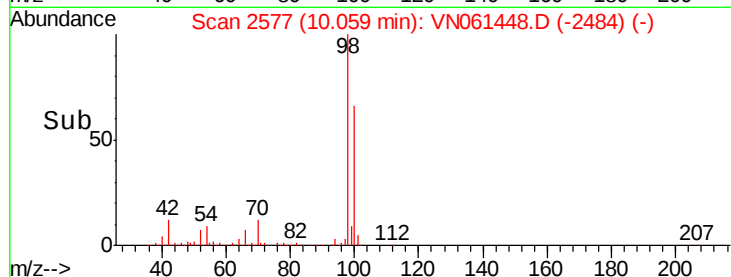
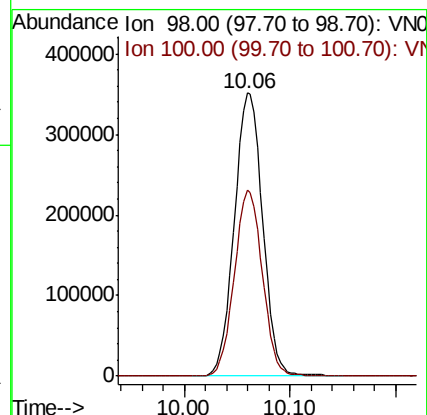
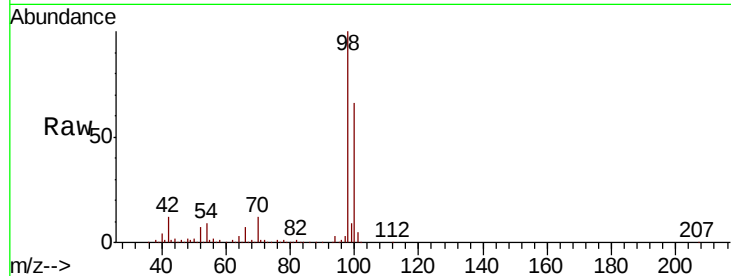
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 98 Resp: 652794

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 0.714 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN061448.D

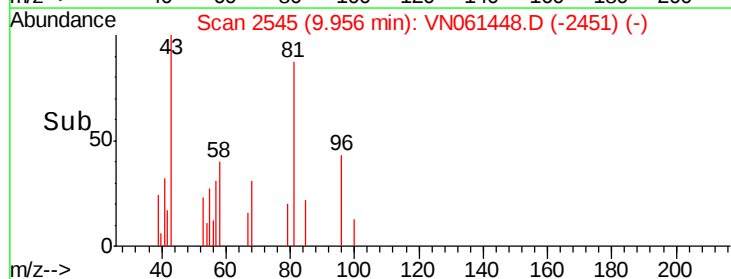
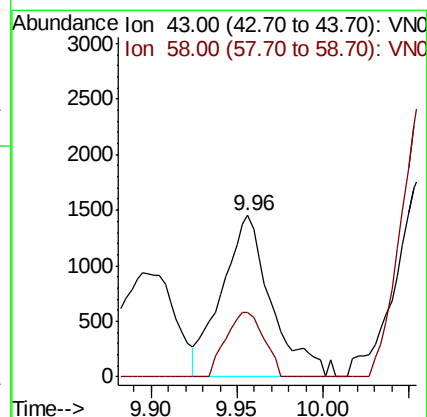
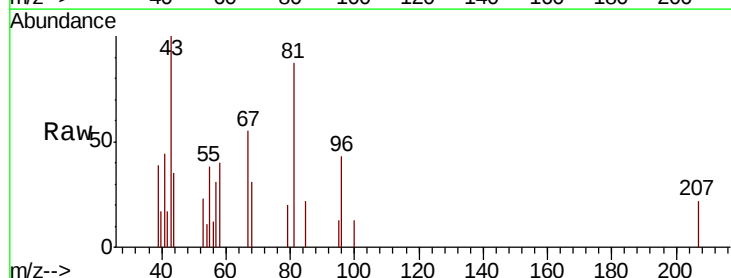
Acq: 18 May 2020 20:34

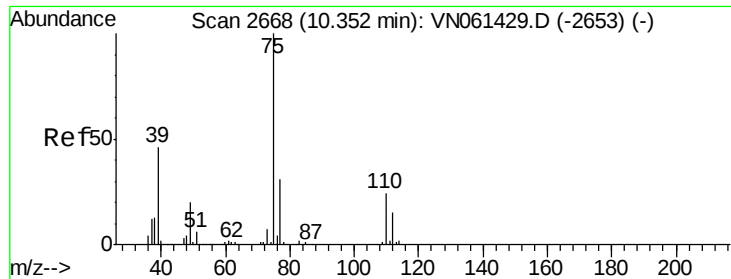
Tgt Ion: 43 Resp: 2922

Ion Ratio Lower Upper

43 100

58 30.5 33.4 50.2#





#53

t-1,3-Dichloropropene

Concen: 0.315 ug/l

RT: 10.51 min Scan# 2716

Delta R.T. 0.15 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

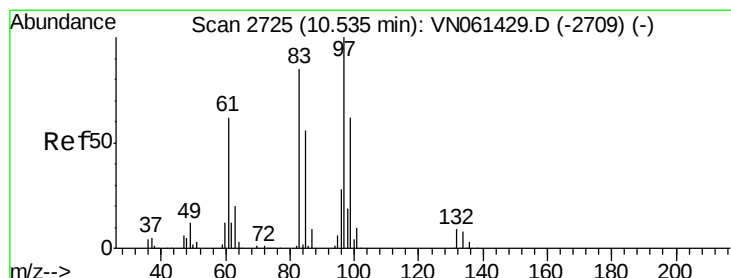
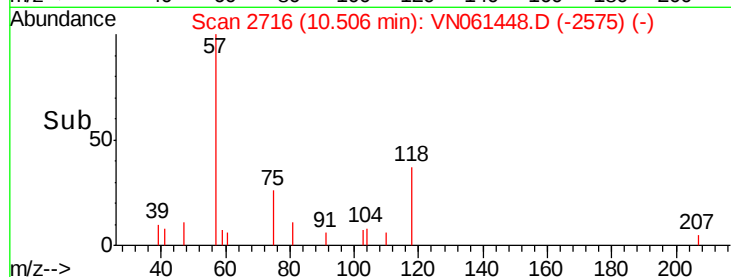
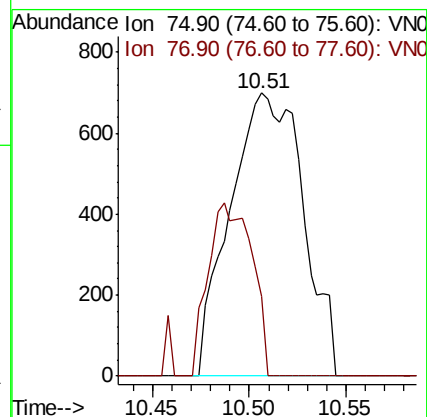
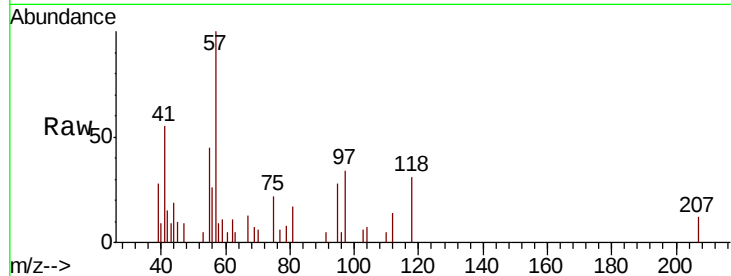
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 75 Resp: 1828

Ion Ratio Lower Upper

75 100

77 28.3 24.8 37.2



#55

1,1,2-Trichloroethane

Concen: 0.561 ug/l

RT: 10.50 min Scan# 2715

Delta R.T. -0.03 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Tgt Ion: 97 Resp: 1950

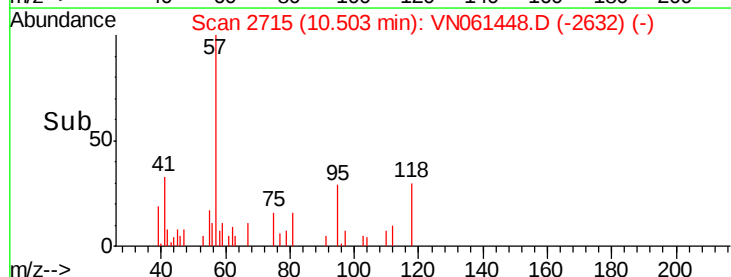
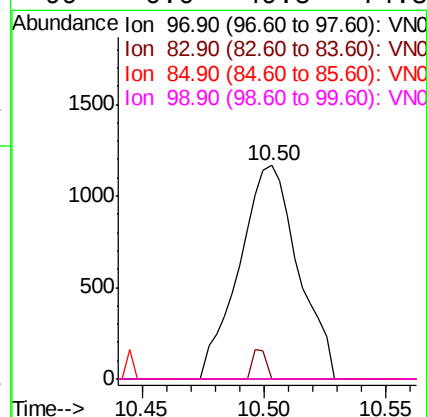
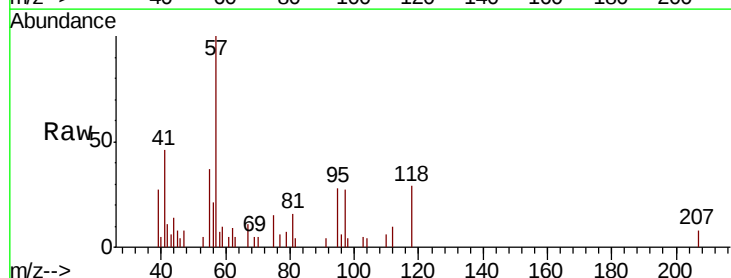
Ion Ratio Lower Upper

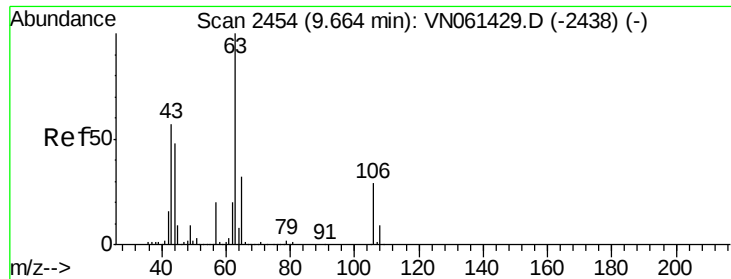
97 100

83 0.0 68.2 102.4#

85 0.0 44.6 67.0#

99 0.0 49.5 74.3#





#58

2-Chloroethyl Vinyl ether

Concen: 0.593 ug/l

RT: 9.78 min Scan# 2489

Delta R.T. 0.11 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

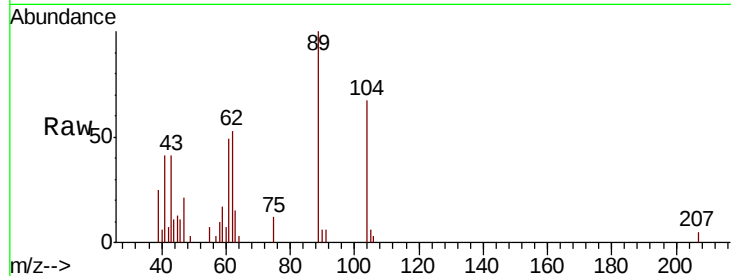
AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 63 Resp: 1415

Ion Ratio Lower Upper

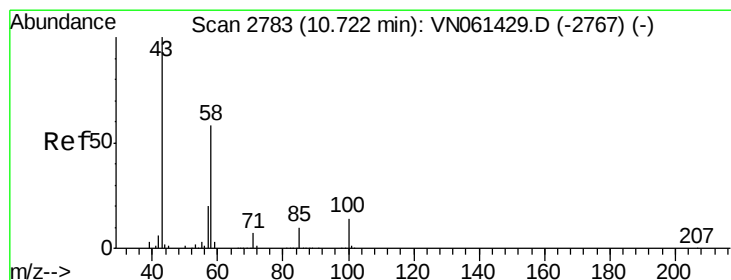
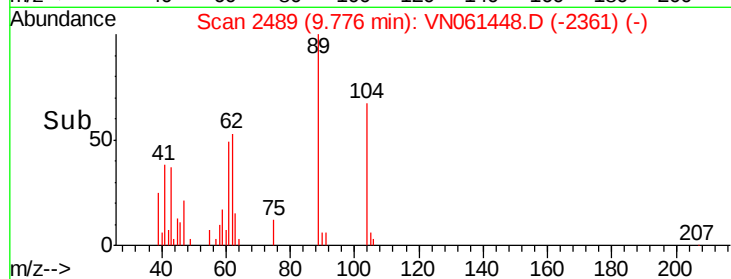
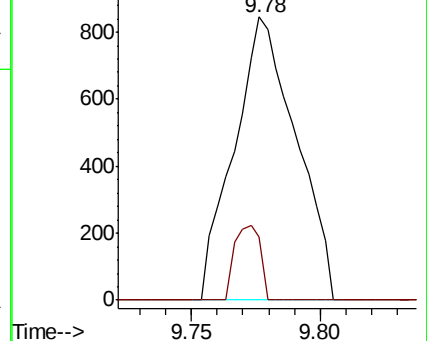
63 100

106 10.9 22.7 34.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.202 ug/l

RT: 10.73 min Scan# 2786

Delta R.T. 0.01 min

Lab File: VN061448.D

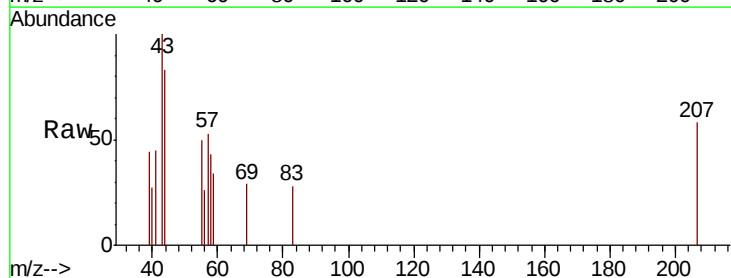
Acq: 18 May 2020 20:34

Tgt Ion: 43 Resp: 598

Ion Ratio Lower Upper

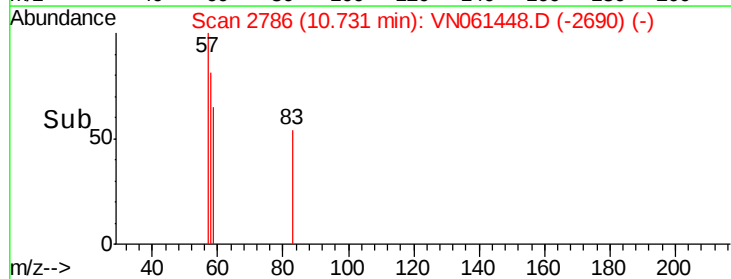
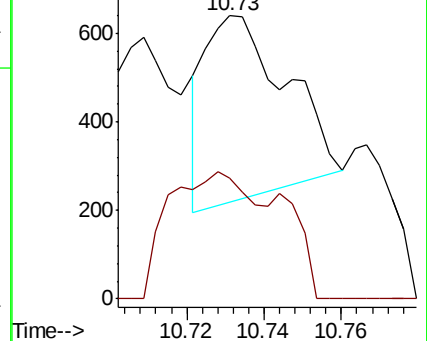
43 100

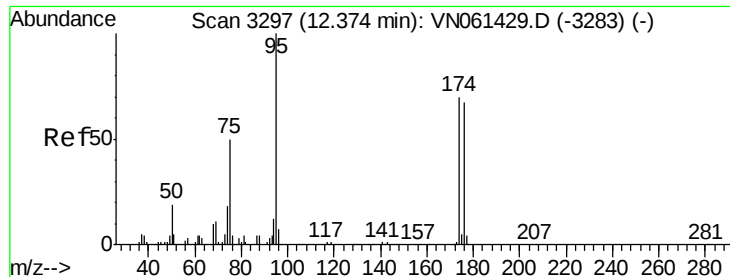
58 96.0 29.2 87.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 54.563 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

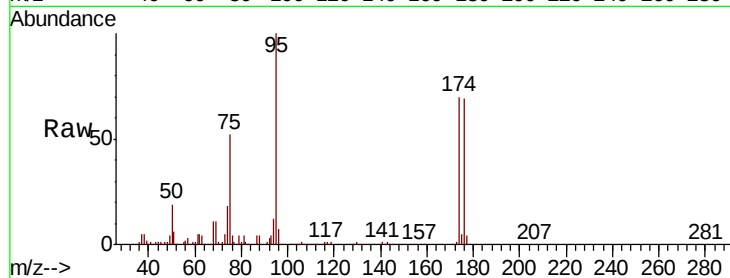
Tot Ion: 95 Resp: 251636

Ion Ratio Lower Upper

95 100

174 70.4 0.0 141.2

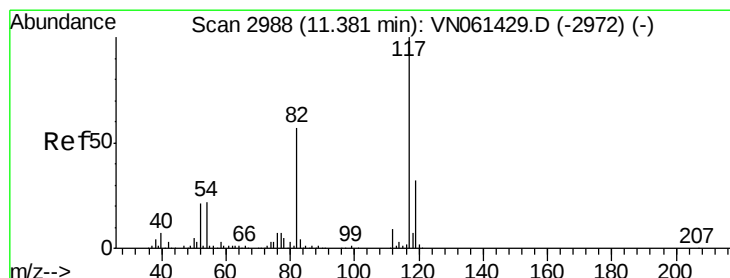
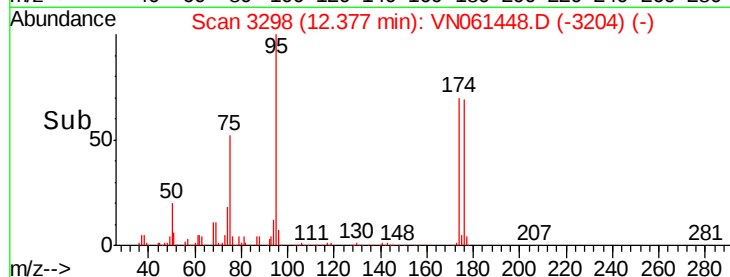
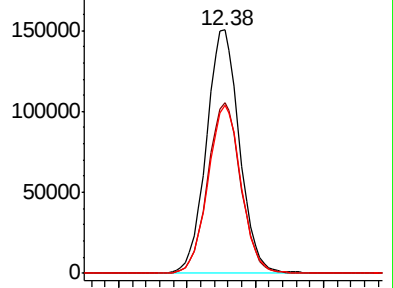
176 69.5 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

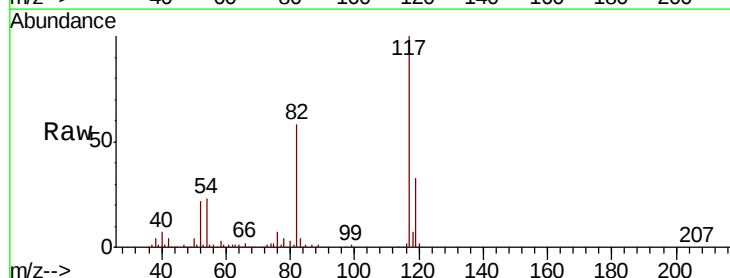
Tgt Ion: 117 Resp: 504288

Ion Ratio Lower Upper

117 100

82 58.4 45.2 67.8

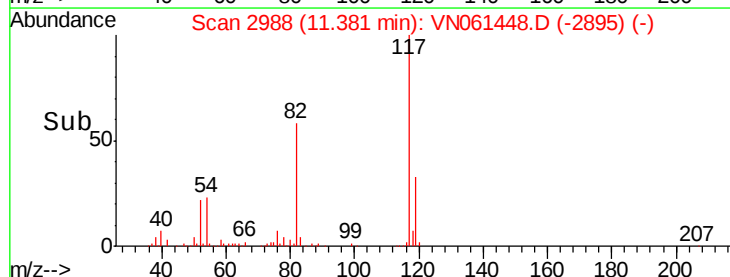
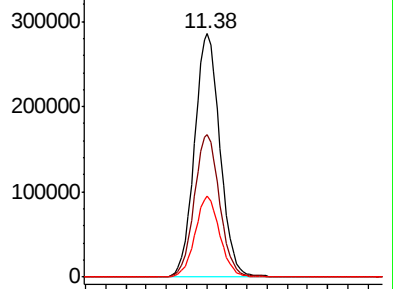
119 33.1 25.3 37.9

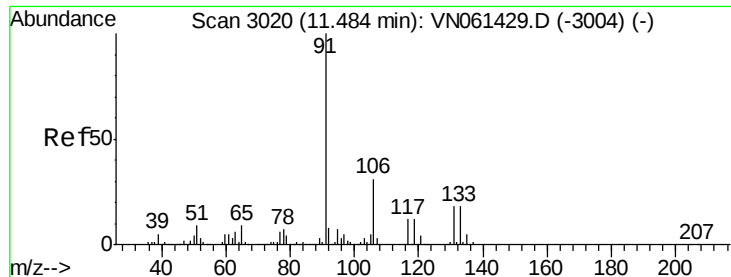


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)

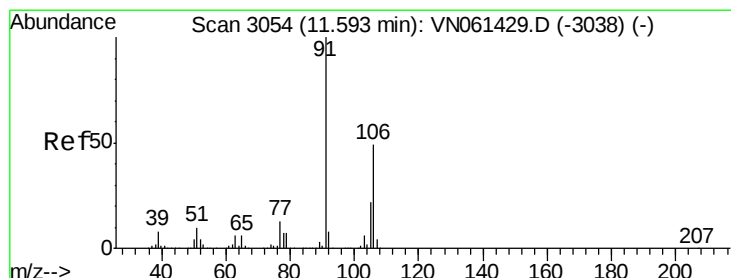
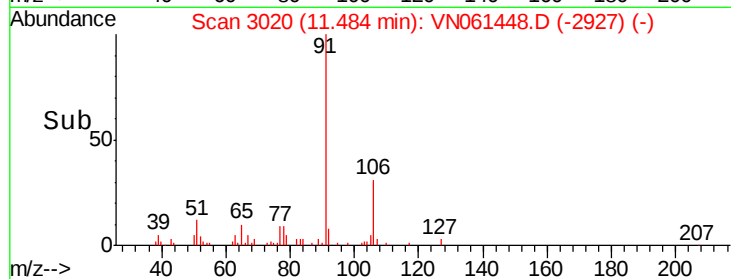
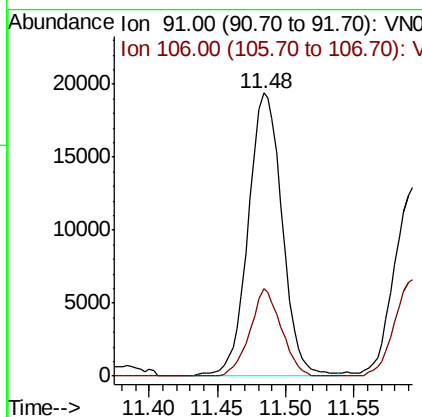
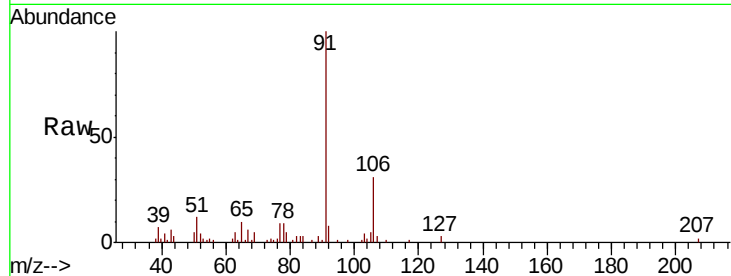




#67
Ethyl Benzene
Concen: 1.790 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

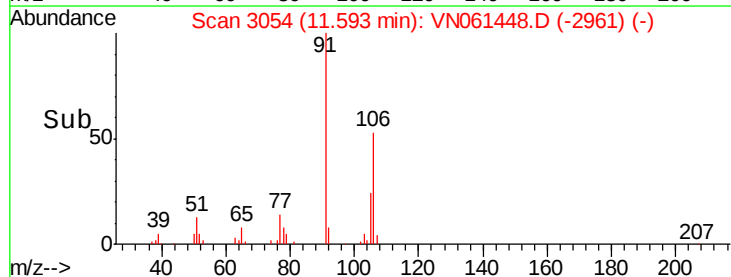
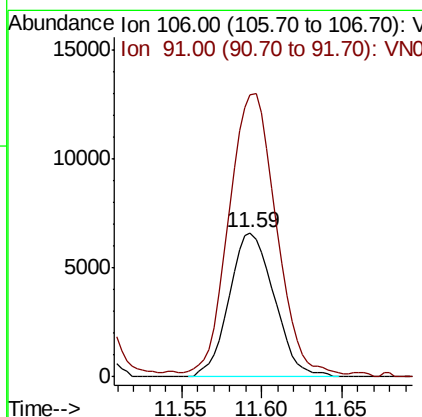
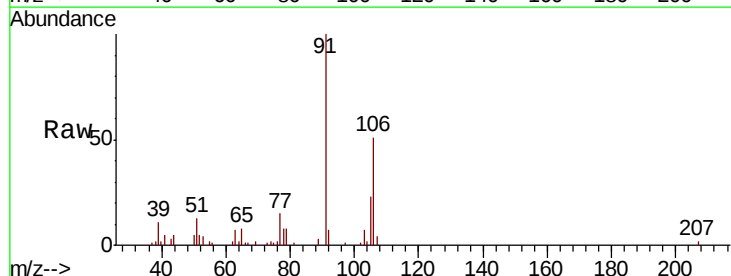
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

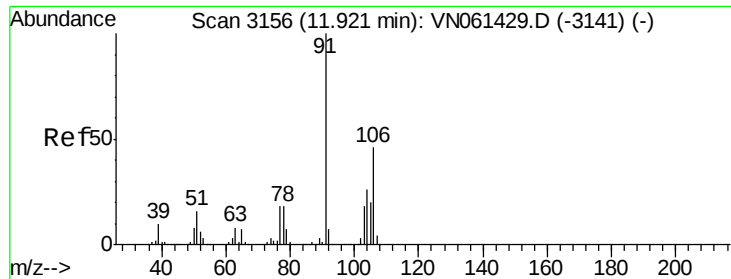
Tot Ion: 91 Resp: 33605
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 1.780 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion: 106 Resp: 12684
Ion Ratio Lower Upper
106 100
91 203.5 163.0 244.6

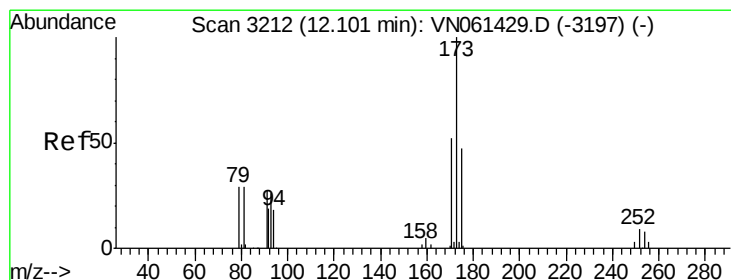
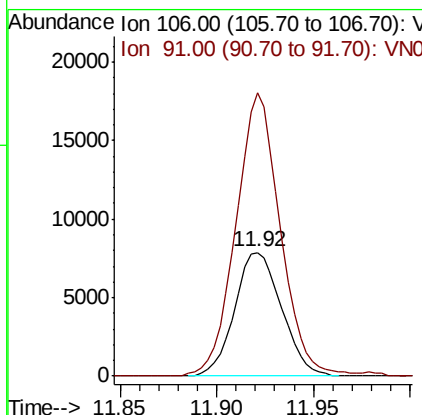
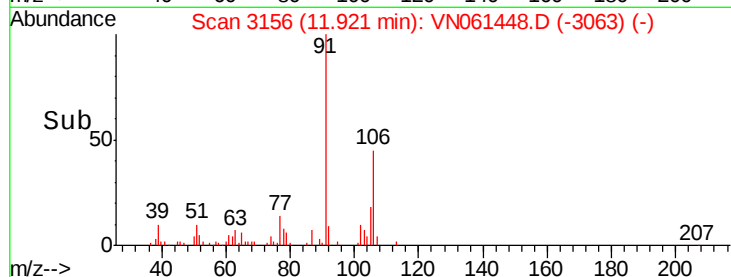
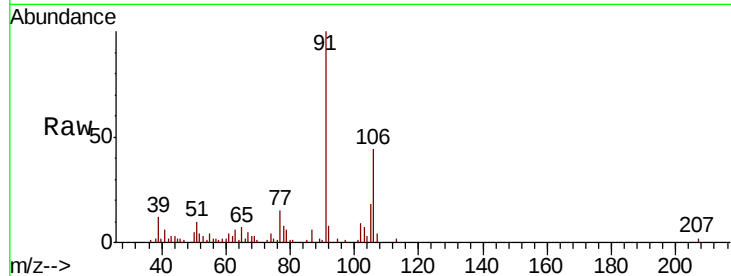




#69
o-Xylene
Concen: 1.925 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

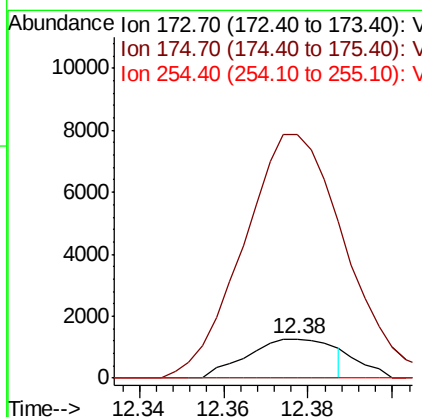
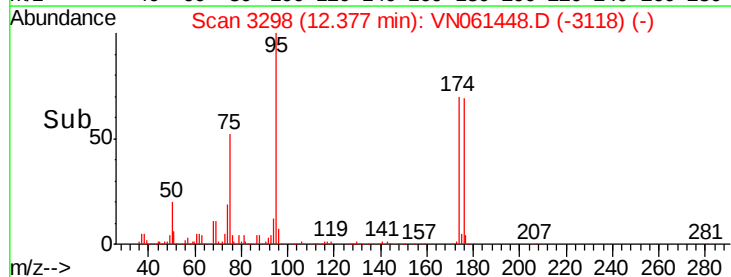
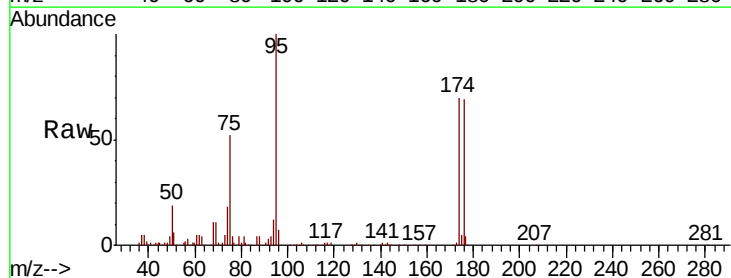
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

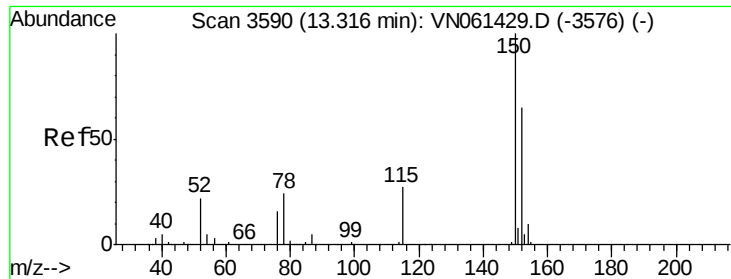
Tot Ion:106 Resp: 13276
Ion Ratio Lower Upper
106 100
91 216.9 107.9 323.7



#71
Bromoform
Concen: 2.619 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion:173 Resp: 1788
Ion Ratio Lower Upper
173 100
175 629.1 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: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

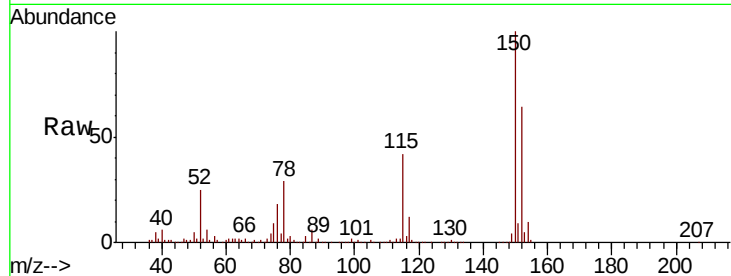
Tot Ion:152 Resp: 228401

Ion Ratio Lower Upper

152 100

115 69.3 30.9 92.5

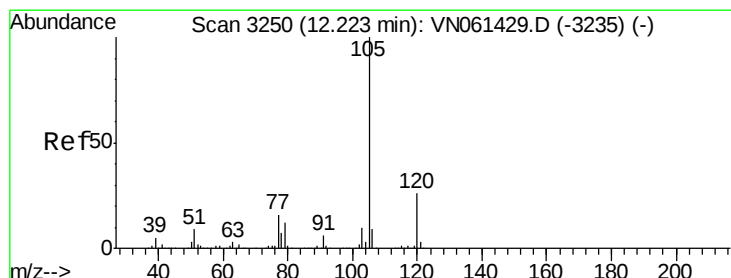
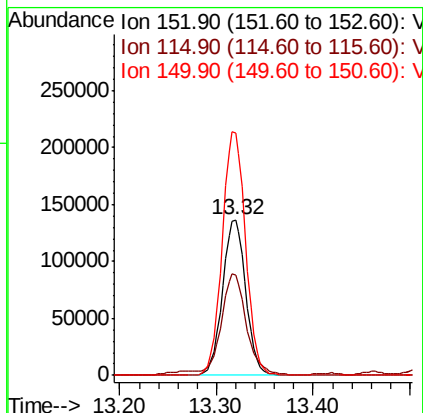
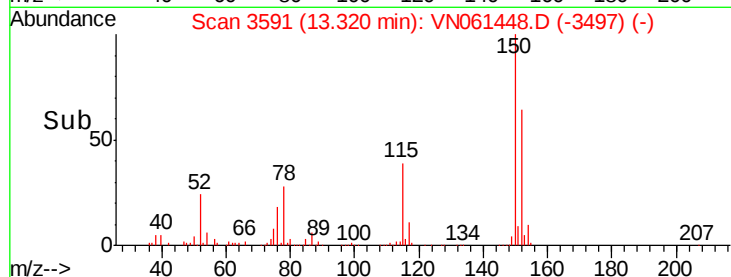
150 157.0 0.0 349.2



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: 1.052 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061448.D

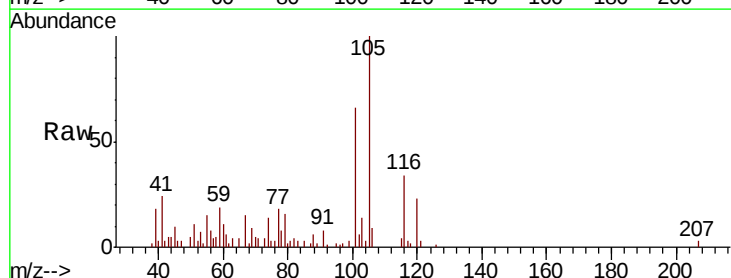
Acq: 18 May 2020 20:34

Tgt Ion:105 Resp: 19282

Ion Ratio Lower Upper

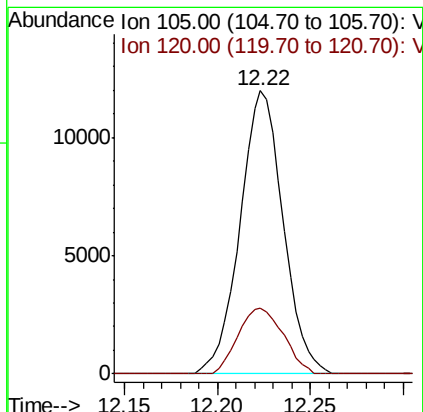
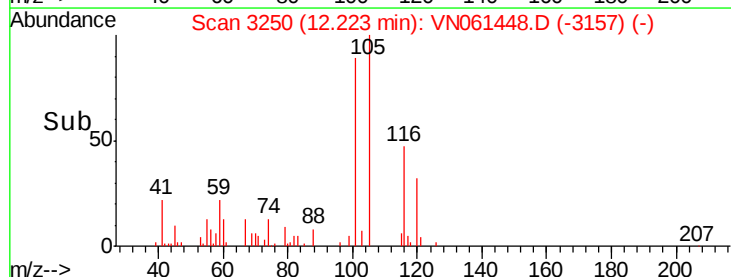
105 100

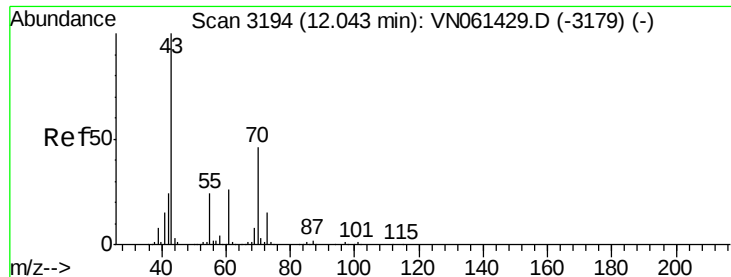
120 24.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.537 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.04 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 43 Resp: 3603

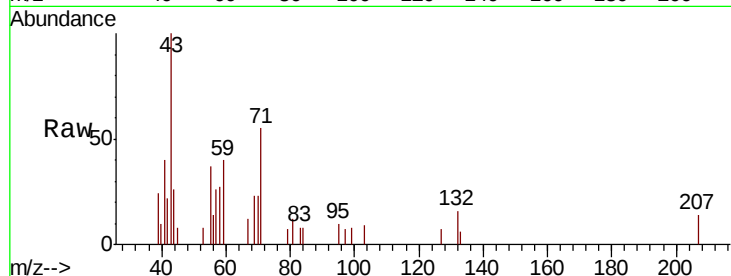
Ion Ratio Lower Upper

43 100

70 36.5 37.0 55.4#

55 25.9 19.5 29.3

61 0.0 20.8 31.2#

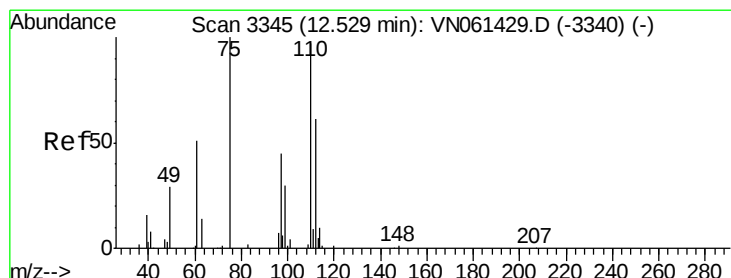
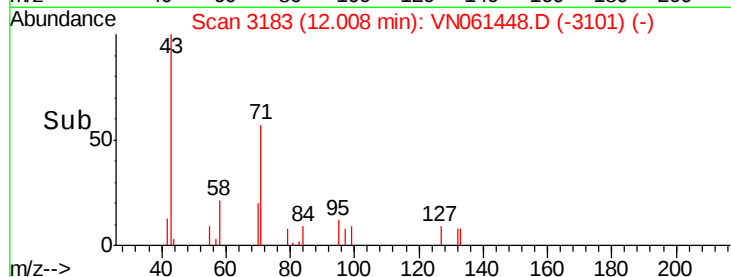
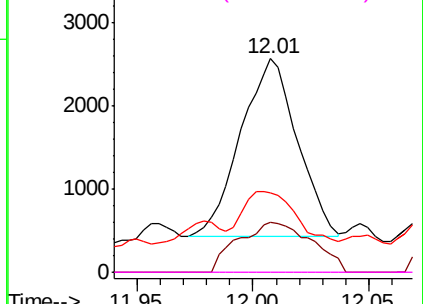


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 28.000 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061448.D

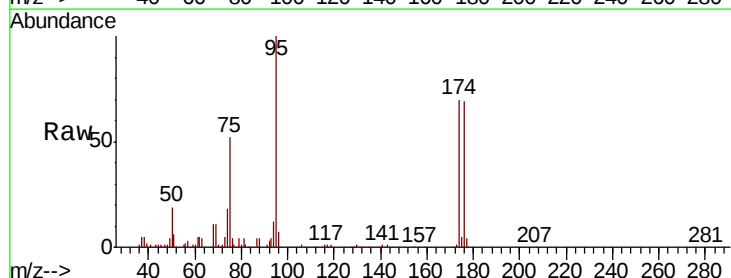
Acq: 18 May 2020 20:34

Tgt Ion: 75 Resp: 137226

Ion Ratio Lower Upper

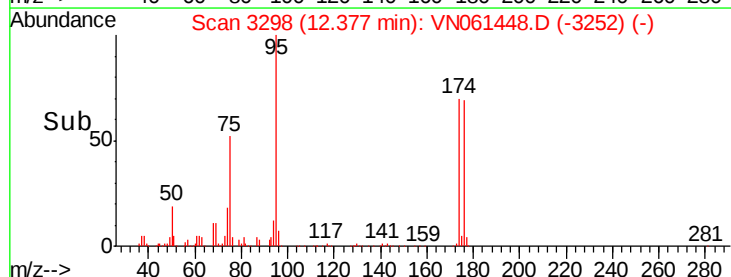
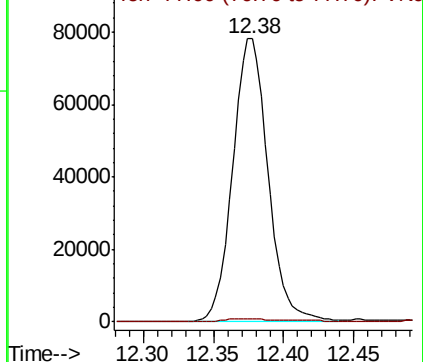
75 100

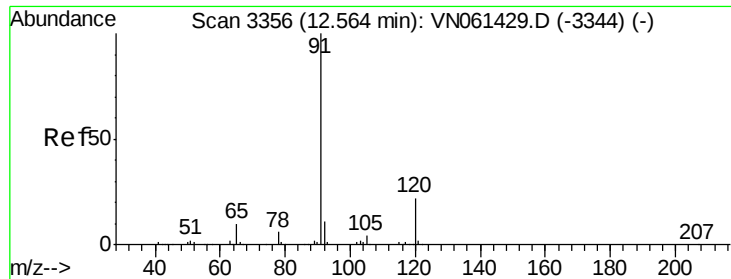
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

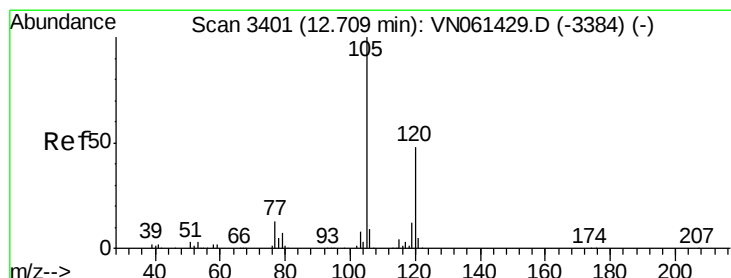
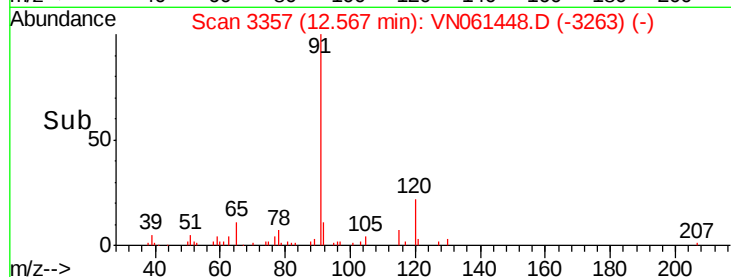
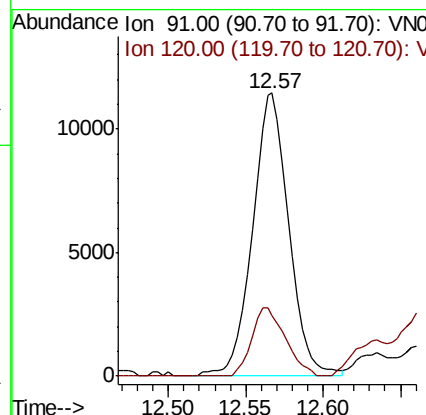
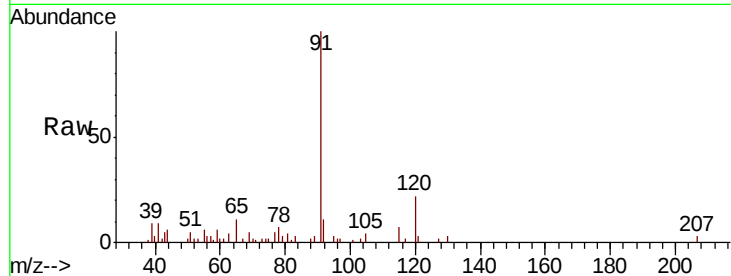




#78
n-propylbenzene
Concen: 0.894 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

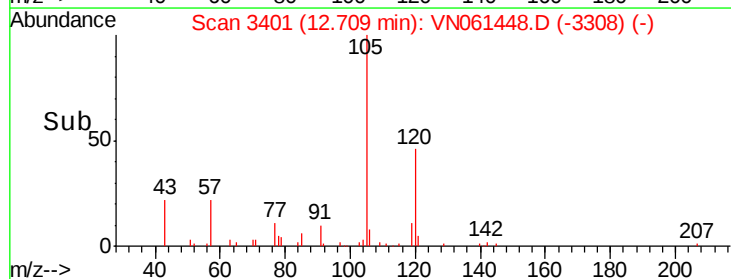
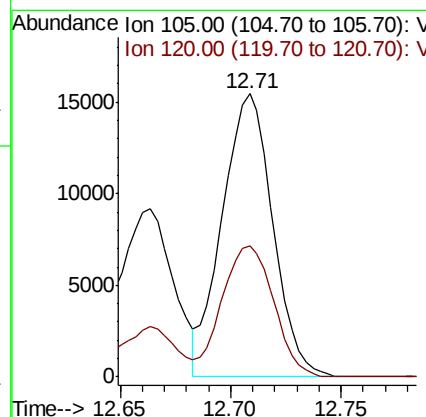
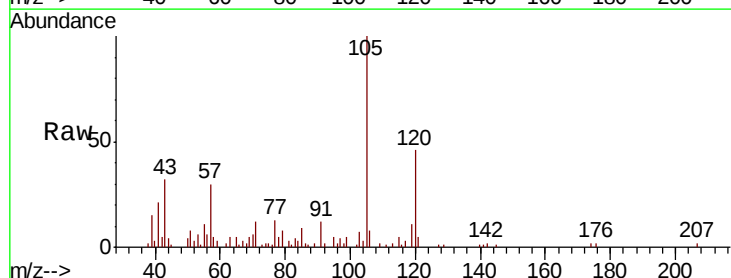
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

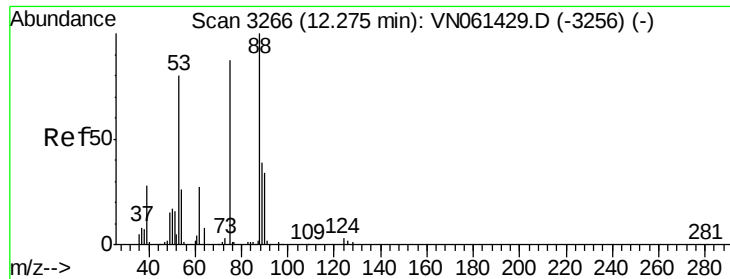
Tot Ion: 91 Resp: 18678
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 1.640 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion: 105 Resp: 24623
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 74.278 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

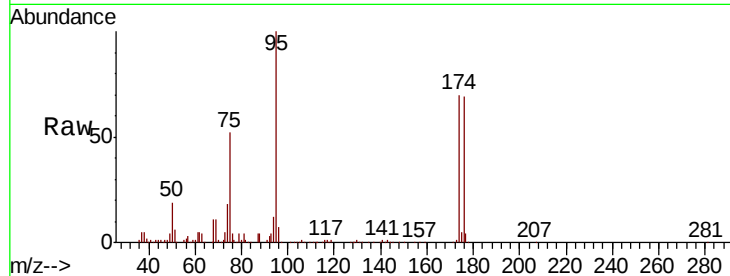
Tot Ion: 75 Resp: 137226

Ion Ratio Lower Upper

75 100

53 0.0 75.2 112.8#

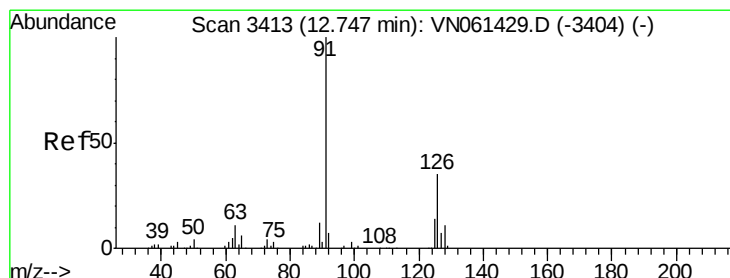
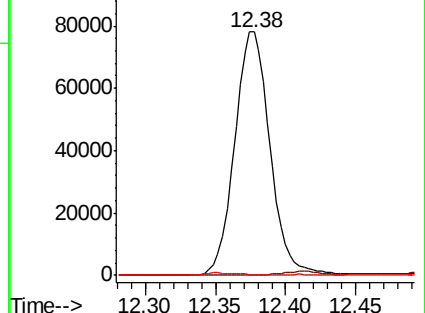
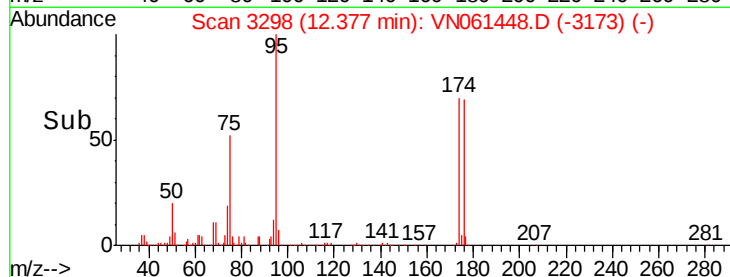
89 0.0 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VN061448.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061448.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061448.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 0.220 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.04 min

Lab File: VN061448.D

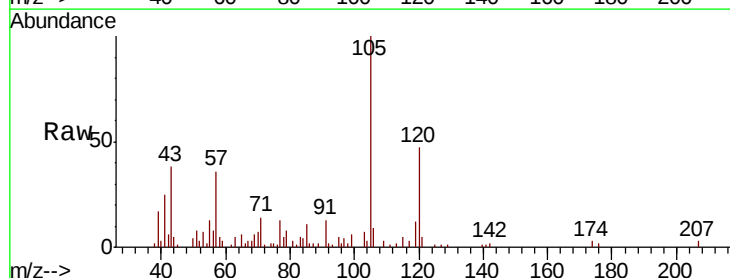
Acq: 18 May 2020 20:34

Tgt Ion: 91 Resp: 2809

Ion Ratio Lower Upper

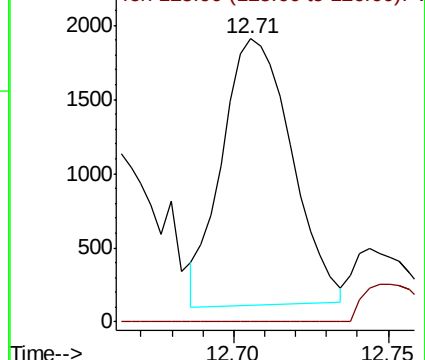
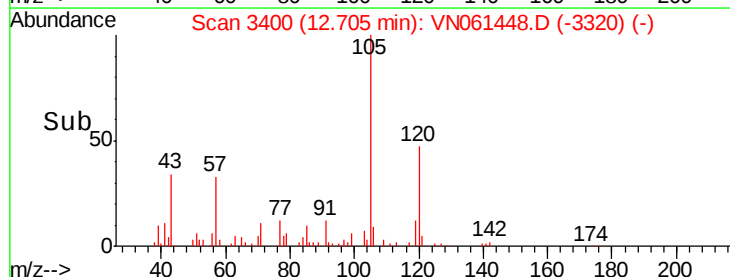
91 100

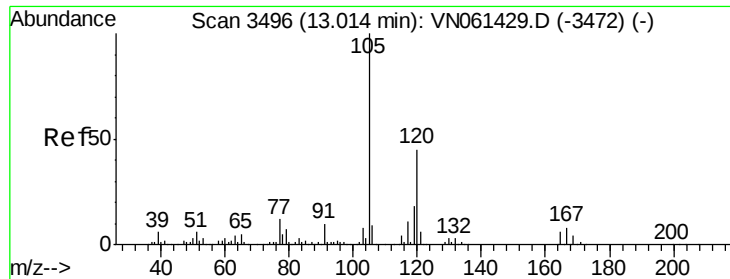
126 0.0 16.1 48.2#



Abundance Ion 91.00 (90.70 to 91.70): VN061448.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061448.D (-3320) (-)

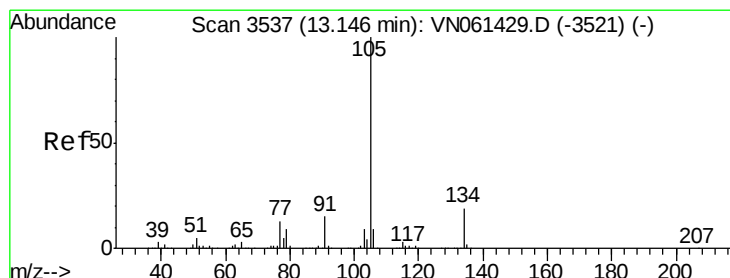
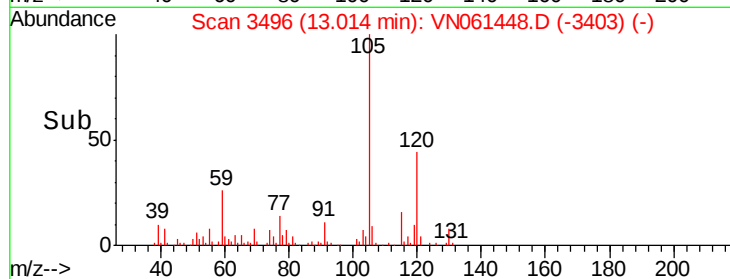
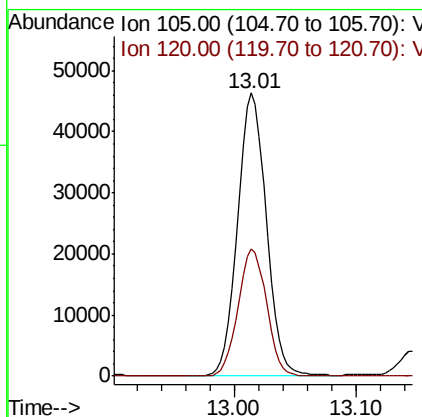
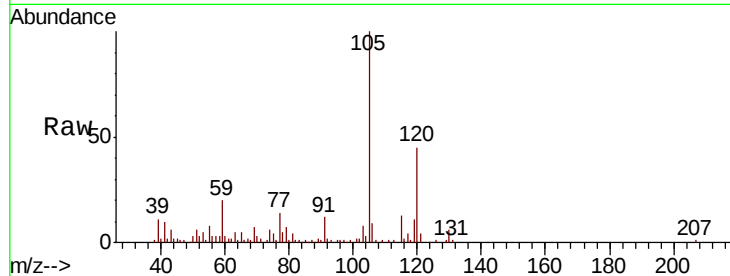




#84
 1,2,4-Trimethylbenzene
 Concen: 5.033 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

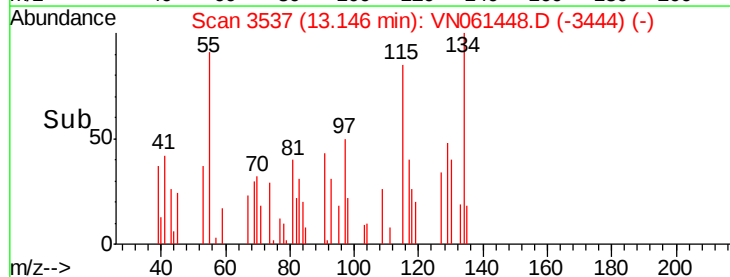
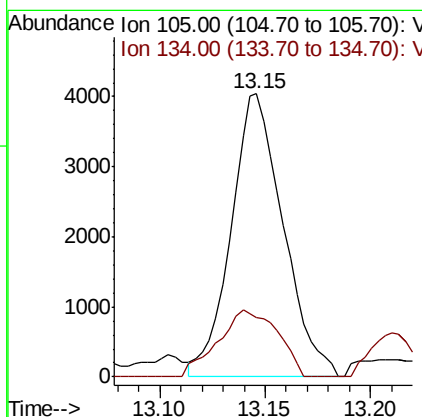
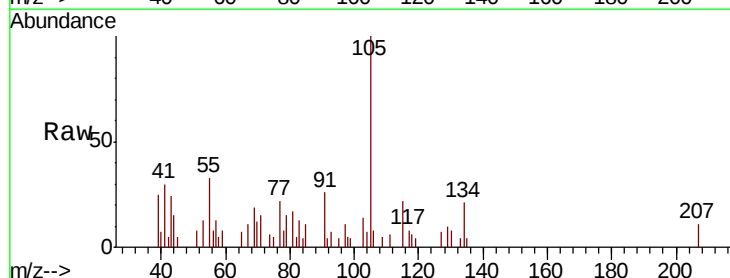
Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

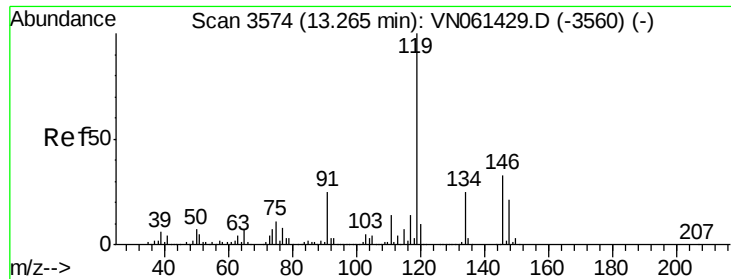
Tot Ion:105 Resp: 75622
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 0.399 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

Tgt Ion:105 Resp: 6940
 Ion Ratio Lower Upper
 105 100
 134 27.1 9.8 29.5

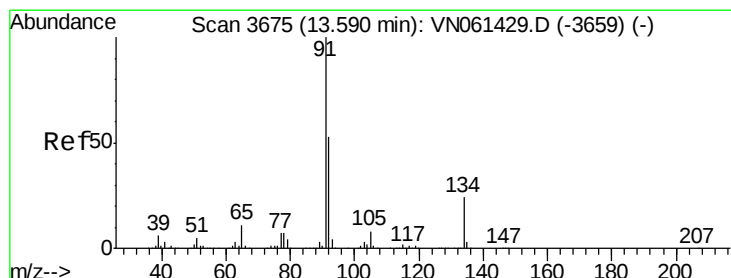
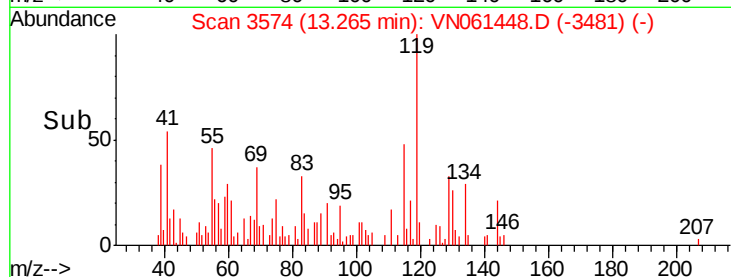
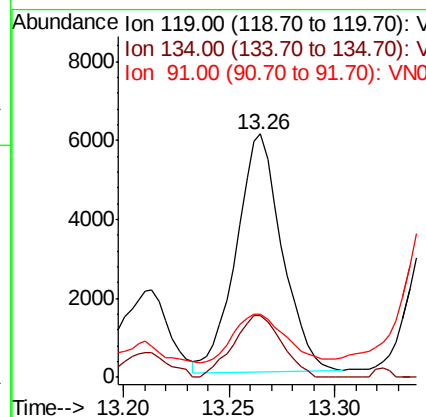
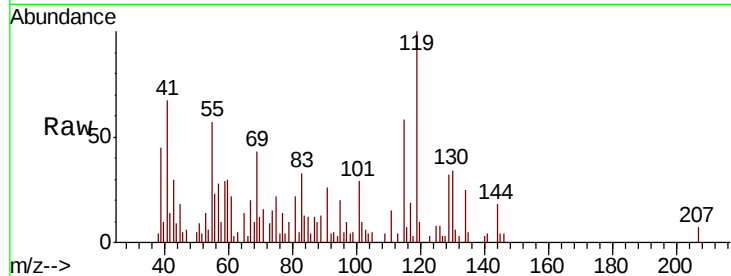




#86
p-Isopropyltoluene
Concen: 0.589 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

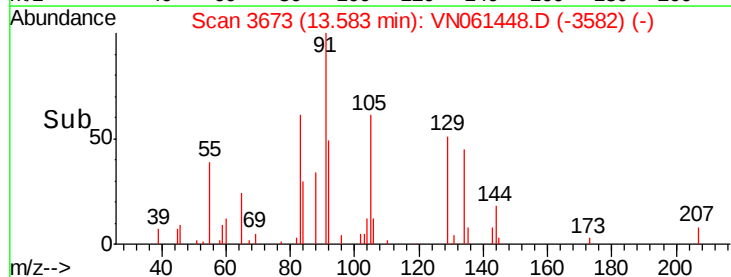
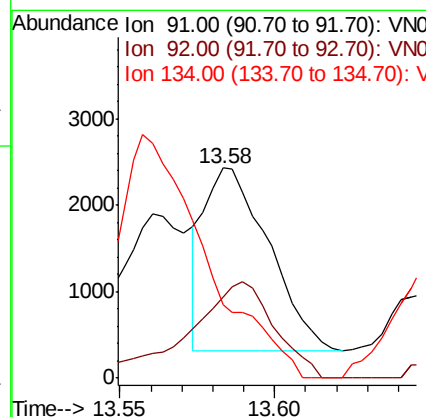
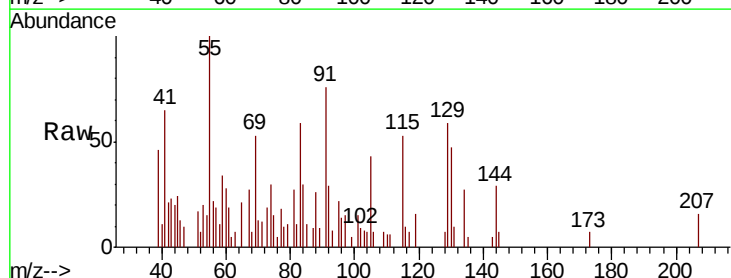
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

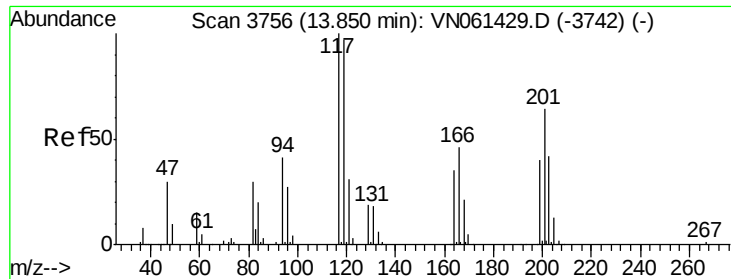
Tot Ion: 119 Resp: 9100
Ion Ratio Lower Upper
119 100
134 27.5 12.7 38.1
91 29.9 12.6 37.6



#89
n-Butylbenzene
Concen: 0.217 ug/l
RT: 13.58 min Scan# 3673
Delta R.T. -0.01 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion: 91 Resp: 3042
Ion Ratio Lower Upper
91 100
92 70.7 26.8 80.3
134 0.0 12.4 37.4#

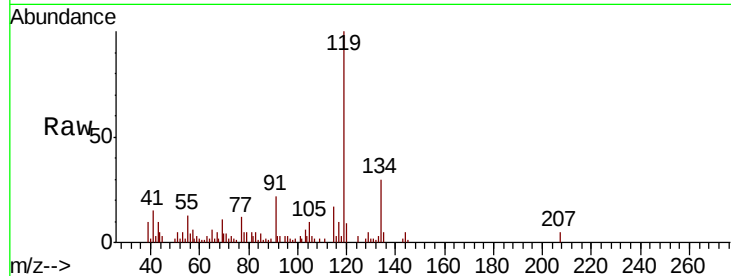




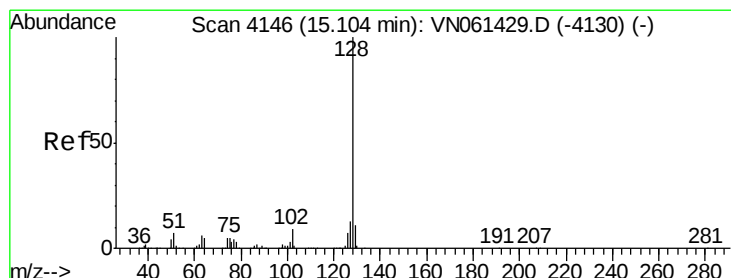
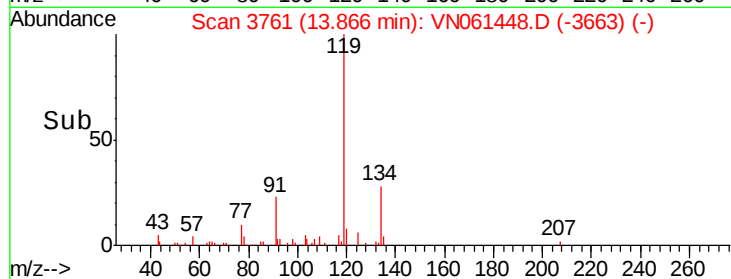
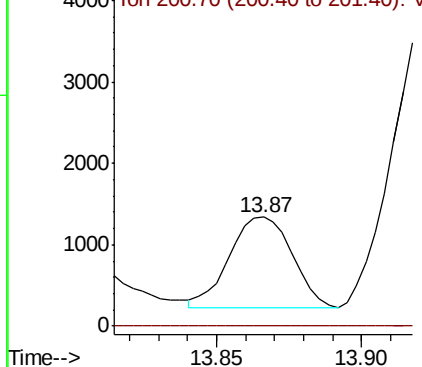
#90
Hexachloroethane
Concen: 0.811 ug/l
RT: 13.87 min Scan# 3761
Delta R.T. 0.02 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

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

Tot Ion:117 Resp: 1698
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.7#

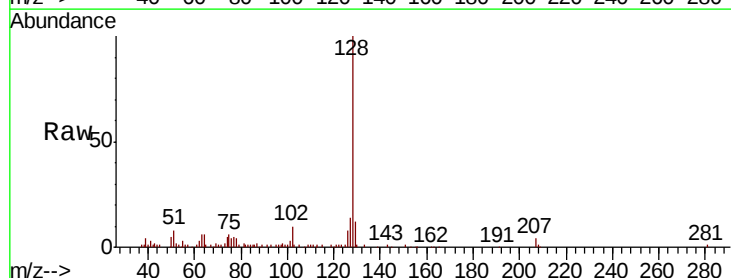


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



#95
Naphthalene
Concen: 7.306 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion:128 Resp: 87980
Ion Ratio Lower Upper
128 100
127 14.6 10.1 15.1
129 11.2 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

