

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081019\
 Data File : VN057174.D
 Acq On : 10 Aug 2019 14:15
 Operator : JC/SP
 Sample : K4271-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Aug 12 01:12:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.59	128	178852	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	970500	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	821717	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.44	65	346041	29.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.93%
60) 4-Bromofluorobenzene	11.92	95	328781	26.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.57%
63) Toluene-d8	9.56	98	1152292	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

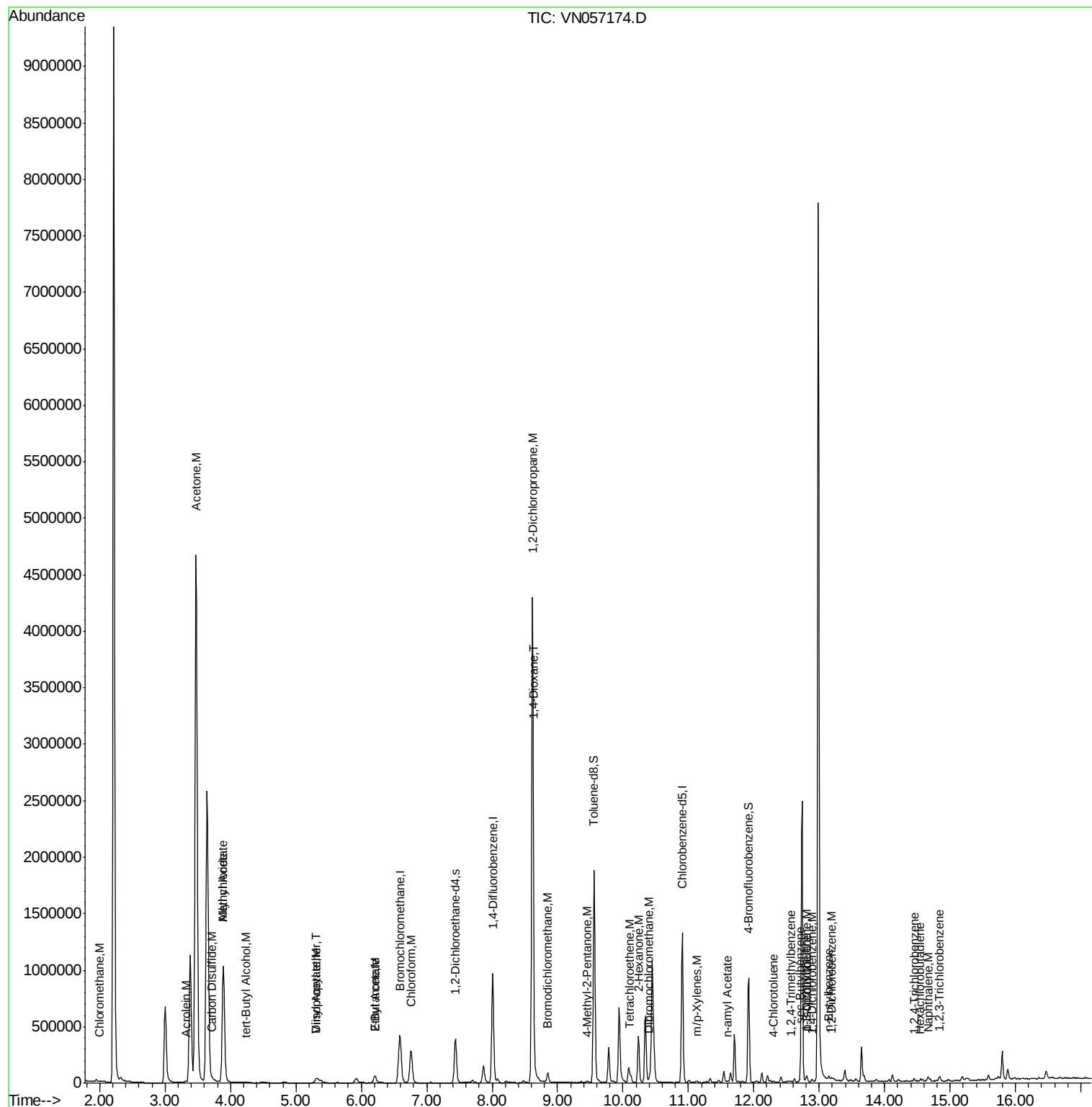
					Qvalue	
3) Chloromethane	2.00	50	3107	0.275	ug/l	# 74
12) Methyl Acetate	3.89	43	1721676	161.213	ug/l	99
13) Acrolein	3.32	56	10188	8.650	ug/l	84
15) Acetone	3.47	58	2462599	1665.322	ug/l	96
16) Carbon Disulfide	3.72	76	11997	0.434	ug/l	97
17) Allyl chloride	3.89	41	21410	1.417	ug/l	# 33
20) Diisopropyl ether	5.31	45	34694	1.126	ug/l	# 81
23) tert-Butyl Alcohol	4.24	59	431	0.293	ug/l	# 100
25) Chloroform	6.76	83	299713	15.183	ug/l	99
30) 2-Butanone	6.21	43	114411	19.912	ug/l	97
39) 1,2-Dichloropropane	8.62	63	4932	0.429	ug/l	99
41) Bromodichloromethane	8.85	83	42466	2.889	ug/l	# 90
42) Vinyl Acetate	5.31	43	17723	0.742	ug/l	# 73
43) Ethyl Acetate	6.21	43	114411	10.796	ug/l	# 69
45) 1,4-Dioxane	8.64	88	12670	70.563	ug/l	# 1
47) n-amyl Acetate	11.58	43	3892	0.275	ug/l	# 75
53) Dibromochloromethane	10.39	129	6400	0.538	ug/l	99
58) 4-Methyl-2-Pentanone	9.45	43	11510	1.090	ug/l	# 53
59) 2-Hexanone	10.24	43	270869	35.691	ug/l	98
61) Tetrachloroethene	10.11	164	7770	0.616	ug/l	94
67) m/p-Xylenes	11.13	106	4729	0.250	ug/l	89
78) 4-Chlorotoluene	12.30	91	7161	0.240	ug/l	99
80) 1,2,4-Trimethylbenzene	12.57	105	8836	0.225	ug/l	97
81) sec-Butylbenzene	12.70	105	9820	0.212	ug/l	92
82) p-Isopropyltoluene	12.82	119	14625	0.355	ug/l	92
83) 1,3-Dichlorobenzene	12.81	146	6113	0.313	ug/l	94
84) 1,4-Dichlorobenzene	12.90	146	8497	0.468	ug/l	94
85) n-Butylbenzene	13.15	91	16221	0.545	ug/l	96
87) 1,2-Dichlorobenzene	13.19	146	7040	0.364	ug/l	96
89) 1,2,4-Trichlorobenzene	14.45	180	9936	9.909	ug/l	96
90) Hexachlorobutadiene	14.55	225	4131	0.495	ug/l	90
91) Naphthalene	14.67	128	19883	1.354	ug/l	# 95
92) 1,2,3-Trichlorobenzene	14.84	180	13086	9.627	ug/l	91

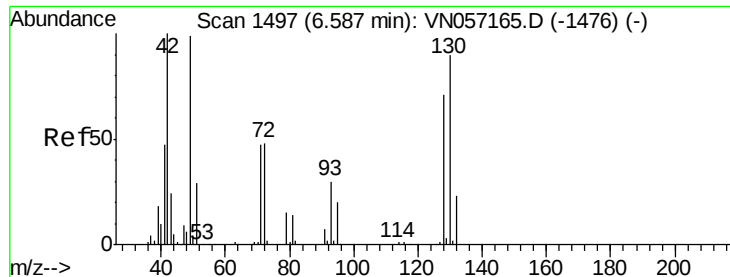
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Aug 11 03:53:25 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 6.59 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

EFF-WW

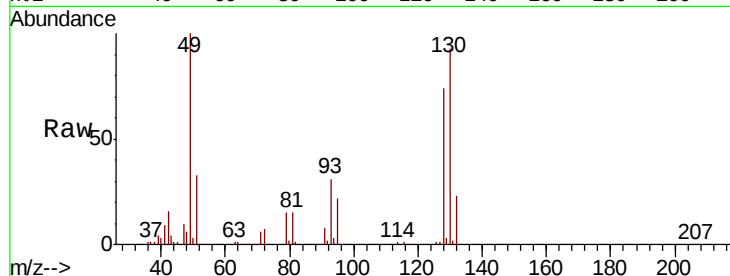
Tgt Ion:128 Resp: 178852

Ion Ratio Lower Upper

128 100

49 134.8 0.0 361.0

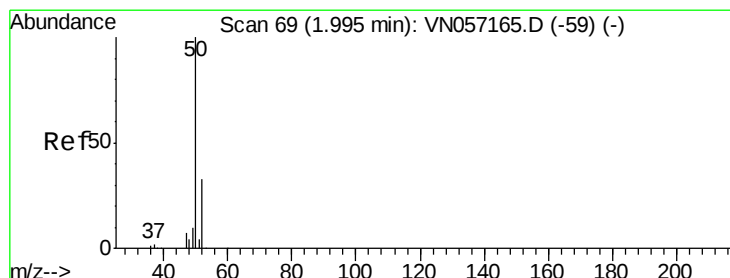
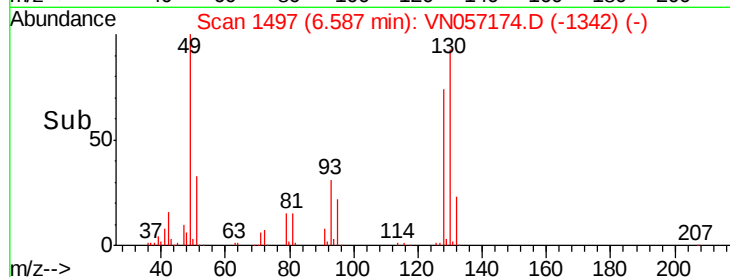
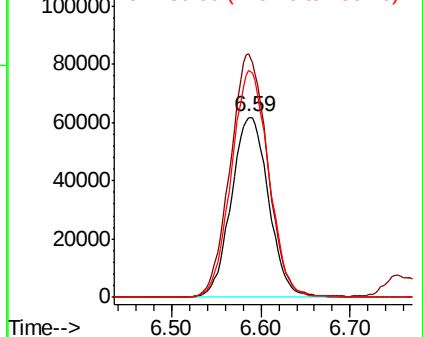
130 126.2 0.0 329.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#3

Chloromethane

Concen: 0.275 ug/l

RT: 2.00 min Scan# 69

Delta R.T. -0.00 min

Lab File: VN057174.D

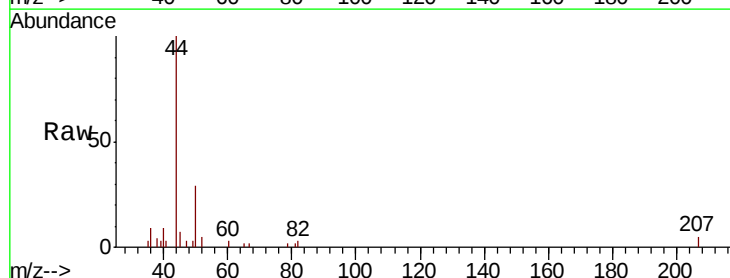
Acq: 10 Aug 2019 14:15

Tgt Ion: 50 Resp: 3107

Ion Ratio Lower Upper

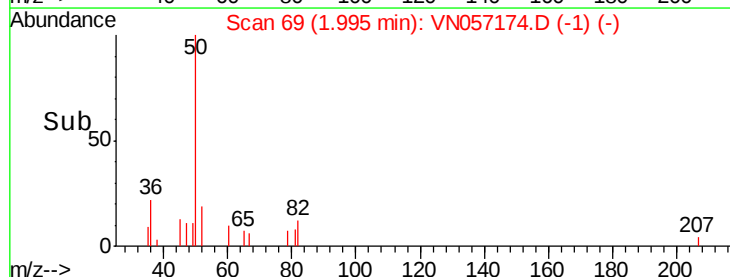
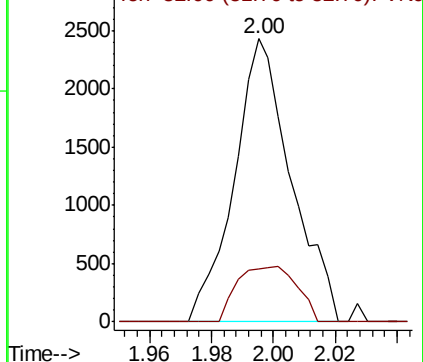
50 100

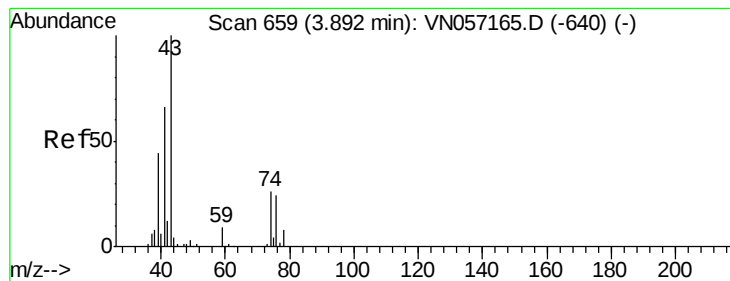
52 18.5 26.5 39.7#



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#12

Methyl Acetate

Concen: 161.213 ug/l

RT: 3.89 min Scan# 658

Delta R.T. -0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

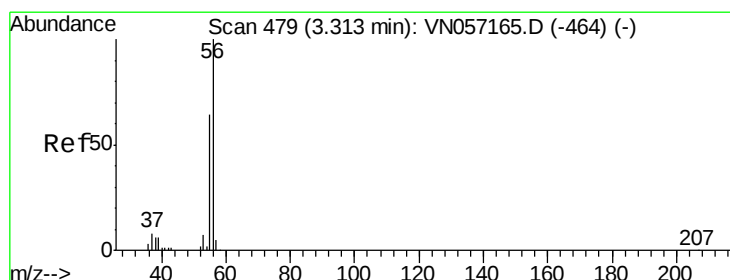
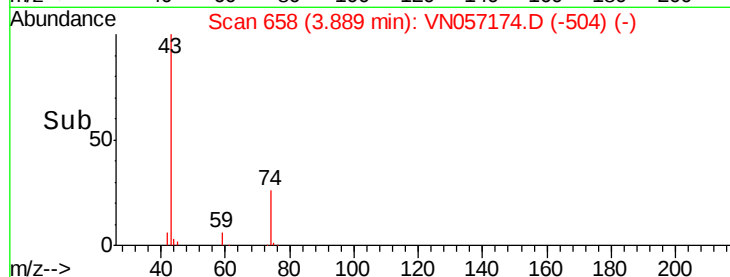
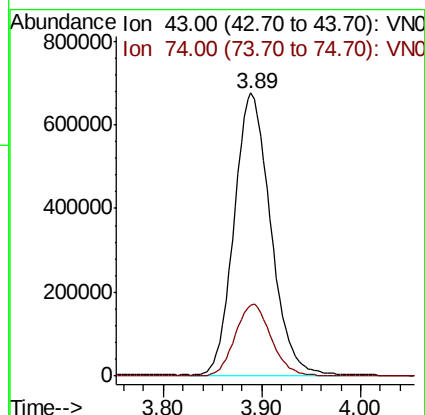
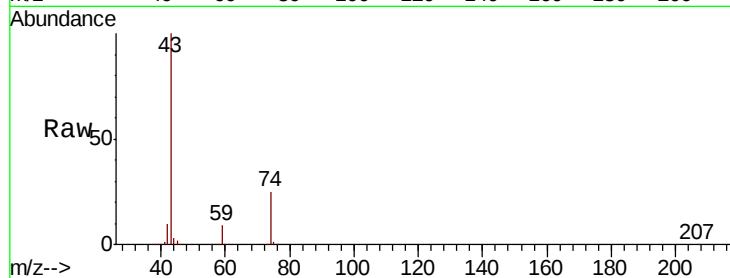
EFF-WW

Tgt Ion: 43 Resp: 1721676

Ion Ratio Lower Upper

43 100

74 25.3 20.5 30.7



#13

Acrolein

Concen: 8.650 ug/l

RT: 3.32 min Scan# 481

Delta R.T. 0.01 min

Lab File: VN057174.D

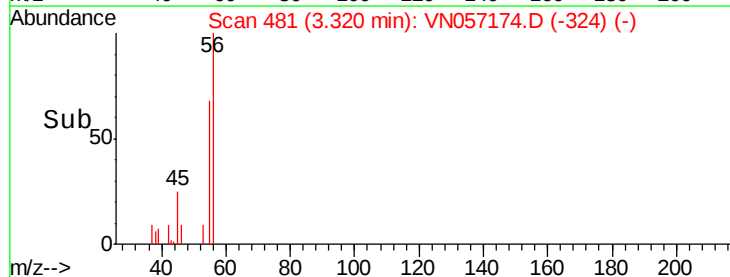
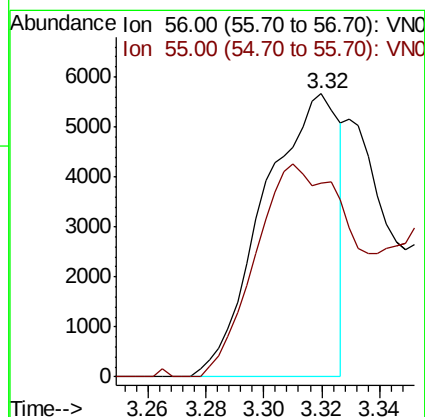
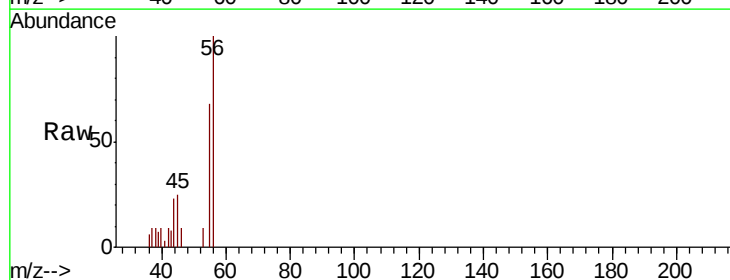
Acq: 10 Aug 2019 14:15

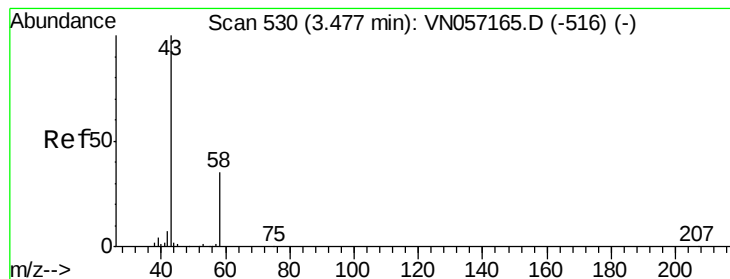
Tgt Ion: 56 Resp: 10188

Ion Ratio Lower Upper

56 100

55 57.0 56.5 84.7





#15

Acetone

Concen: 1665.322 ug/l

RT: 3.47 min Scan# 529

Delta R.T. -0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

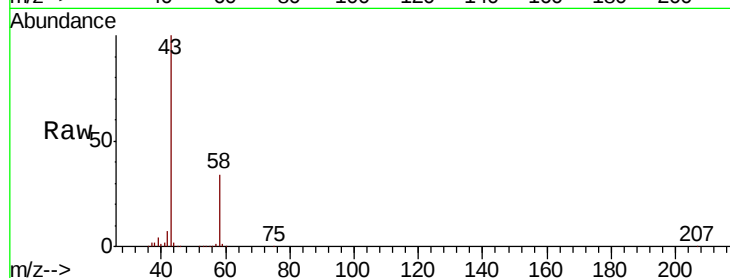
EFF-WW

Tgt Ion: 58 Resp: 2462599

Ion Ratio Lower Upper

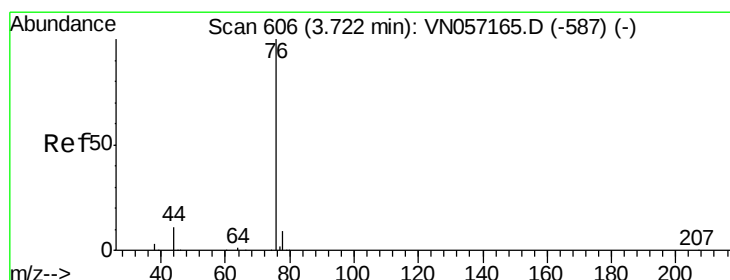
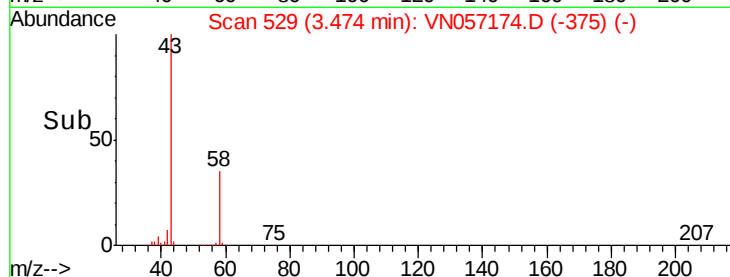
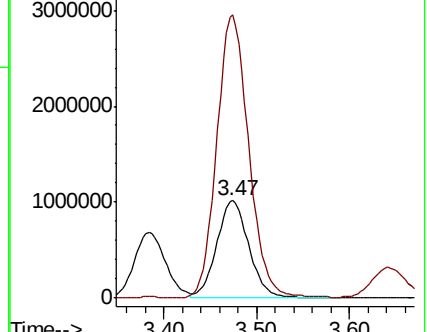
58 100

43 290.0 226.2 339.2



Abundance Ion 58.00 (57.70 to 58.70): VN057174.D (-529) (-)

Ion 43.00 (42.70 to 43.70): VN057174.D (-529) (-)



#16

Carbon Disulfide

Concen: 0.434 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN057174.D

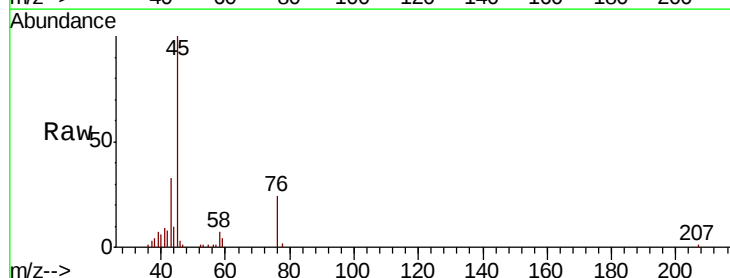
Acq: 10 Aug 2019 14:15

Tgt Ion: 76 Resp: 11997

Ion Ratio Lower Upper

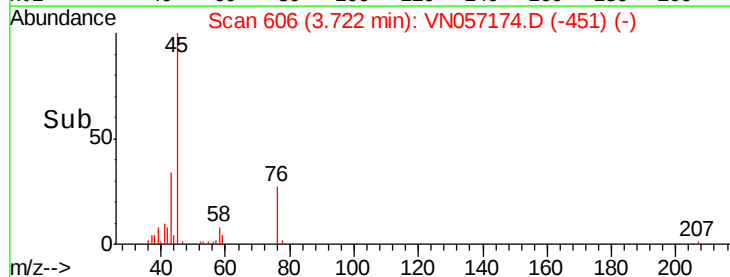
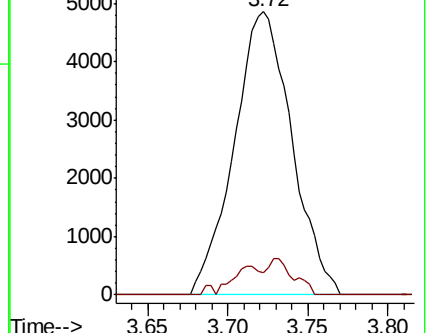
76 100

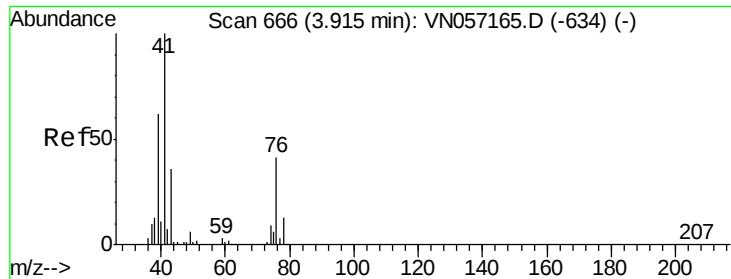
78 7.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN057174.D (-606) (-)

Ion 78.00 (77.70 to 78.70): VN057174.D (-606) (-)

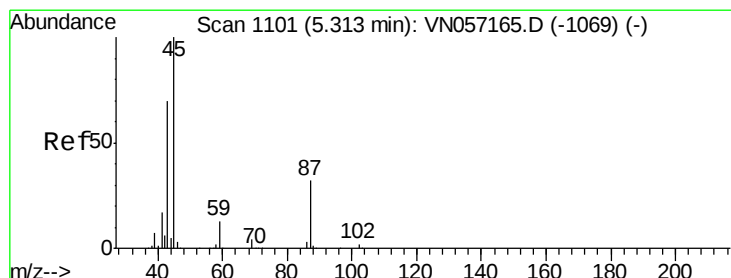
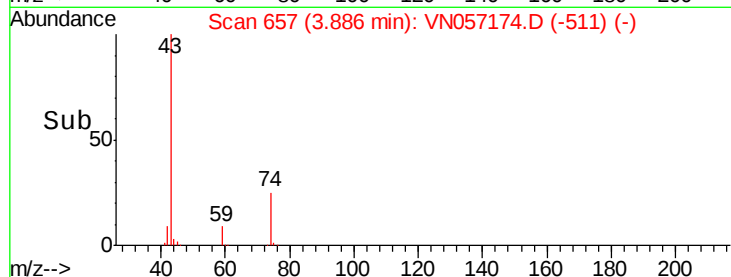
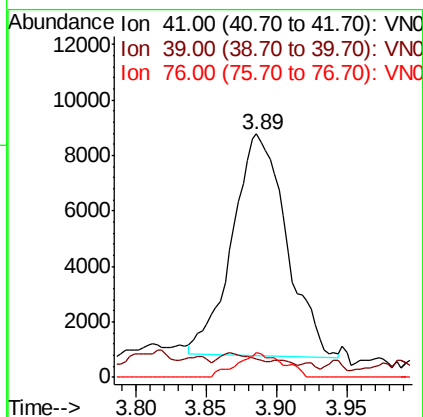
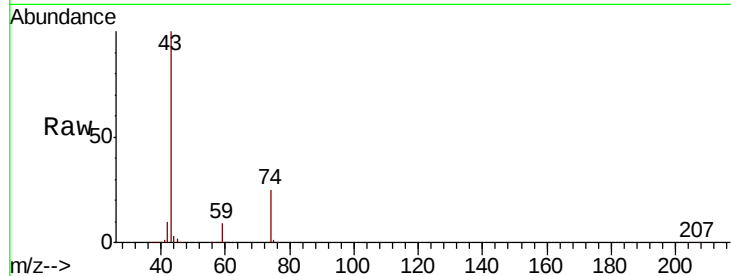




#17
 Allyl chloride
 Concen: 1.417 ug/l
 RT: 3.89 min Scan# 657
 Delta R.T. -0.03 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

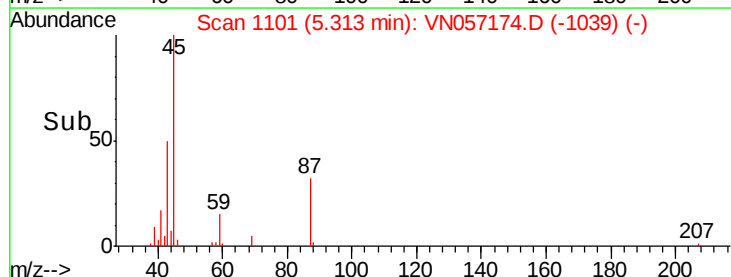
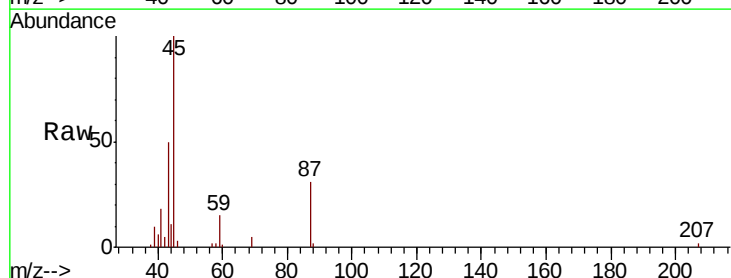
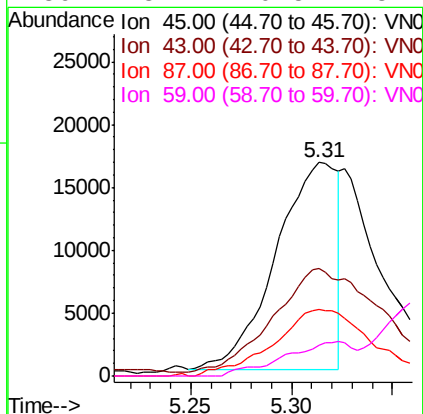
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

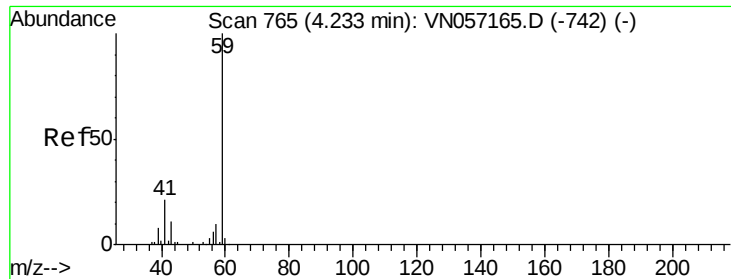
Tgt Ion: 41 Resp: 21410
 Ion Ratio Lower Upper
 41 100
 39 0.7 31.2 93.6#
 76 10.9 20.5 61.6#



#20
 Diisopropyl ether
 Concen: 1.126 ug/l
 RT: 5.31 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

Tgt Ion: 45 Resp: 34694
 Ion Ratio Lower Upper
 45 100
 43 50.0 60.0 90.0#
 87 32.2 25.9 38.9
 59 15.1 10.5 15.7





#23

tert-Butyl Alcohol

Concen: 0.293 ug/l

RT: 4.24 min Scan# 768

Delta R.T. 0.01 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

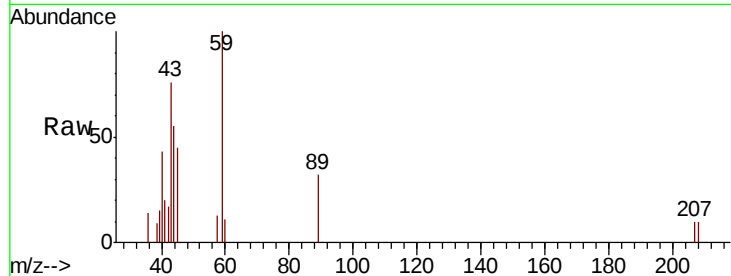
EFF-WW

Tgt Ion: 59 Resp: 431

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

4.24

1500

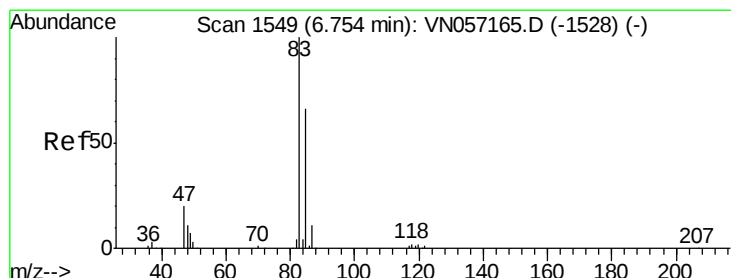
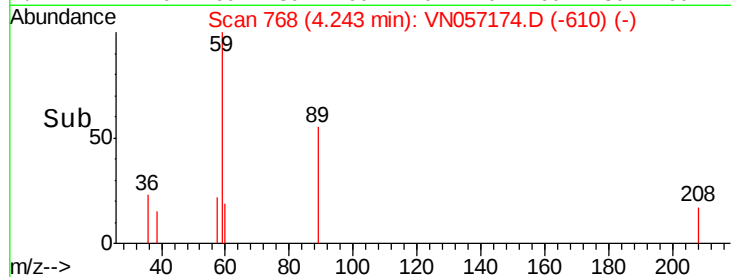
1000

500

0

Time-->

4.23 4.24 4.25



#25

Chloroform

Concen: 15.183 ug/l

RT: 6.76 min Scan# 1550

Delta R.T. 0.00 min

Lab File: VN057174.D

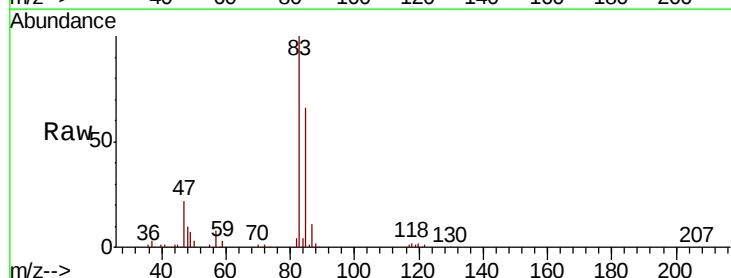
Acq: 10 Aug 2019 14:15

Tgt Ion: 83 Resp: 299713

Ion Ratio Lower Upper

83 100

85 66.3 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

6.76

120000

100000

80000

60000

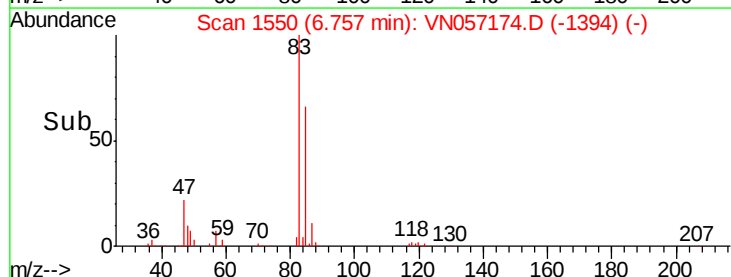
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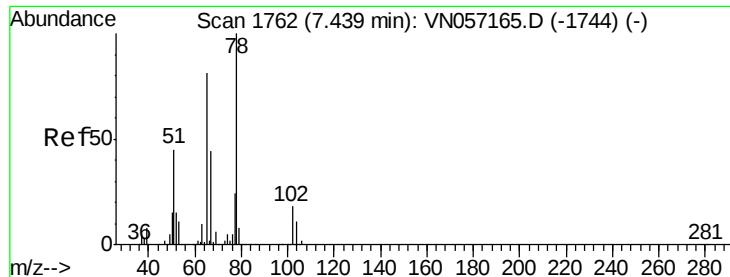
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0

Time-->

6.70 6.80

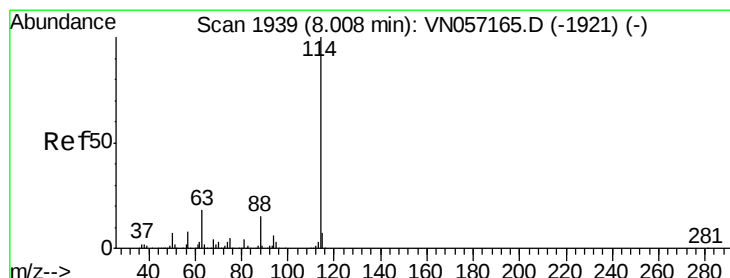
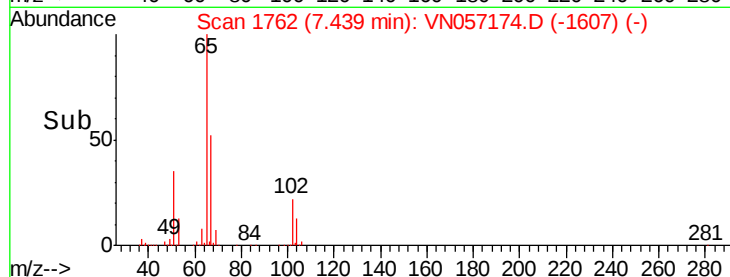
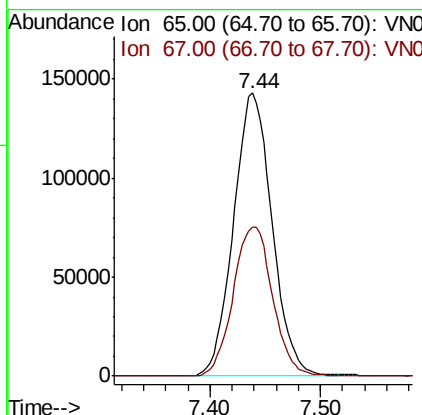
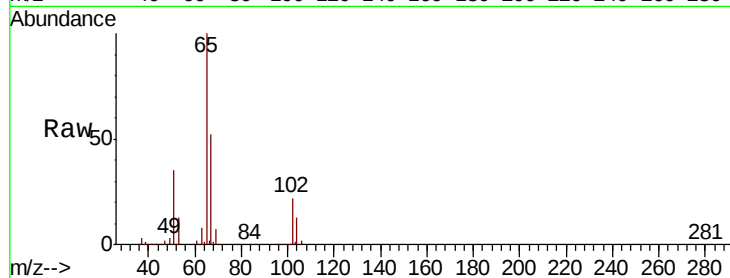




#27
 1,2-Dichloroethane-d4
 Concen: 29.681 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

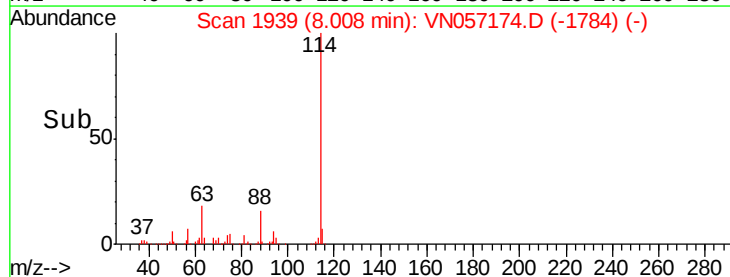
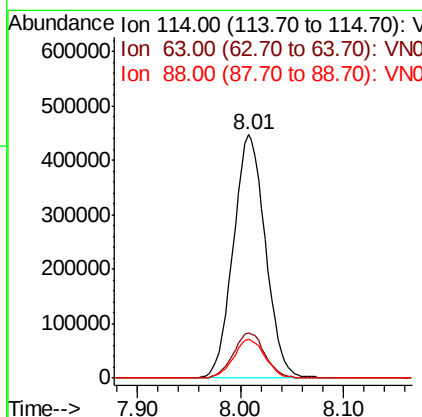
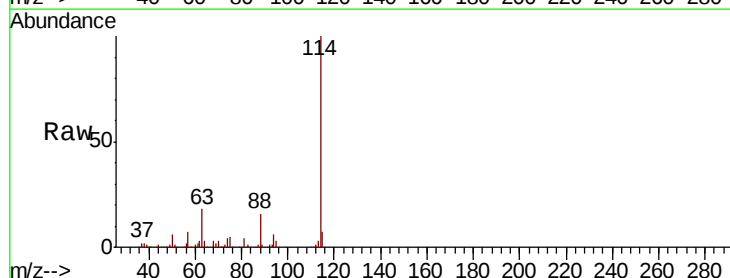
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

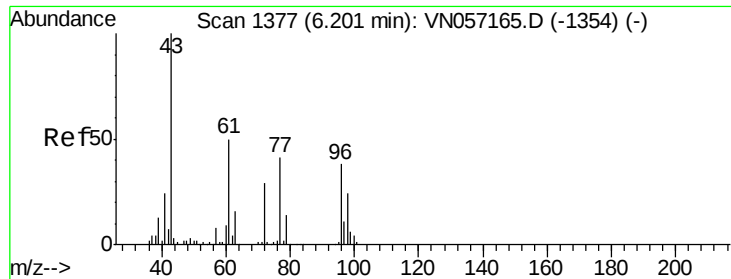
Tgt Ion: 65 Resp: 346041
 Ion Ratio Lower Upper
 65 100
 67 53.8 42.4 63.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

Tgt Ion: 114 Resp: 970500
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.6 21.8
 88 15.7 12.2 18.2

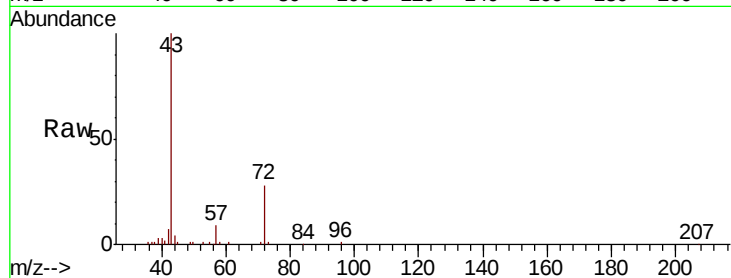




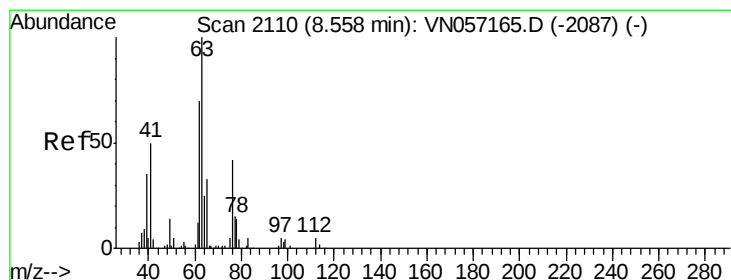
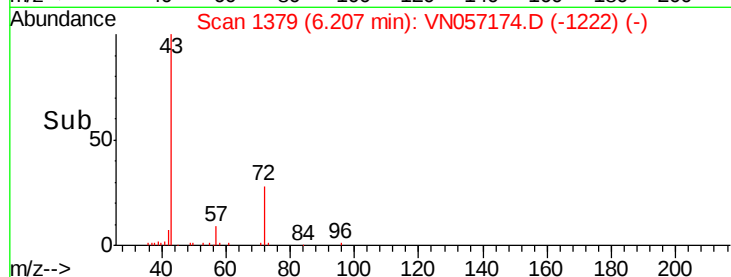
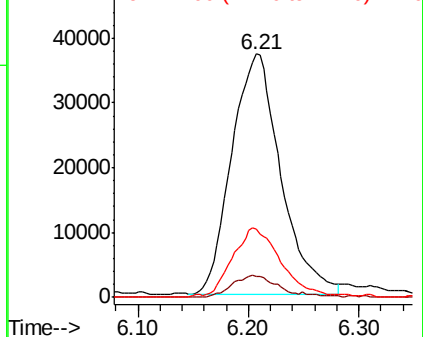
#30
2-Butanone
Concen: 19.912 ug/l
RT: 6.21 min Scan# 1379
Delta R.T. 0.01 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 43 Resp: 114411
Ion Ratio Lower Upper
43 100
57 8.1 6.8 10.2
72 27.1 23.0 34.6

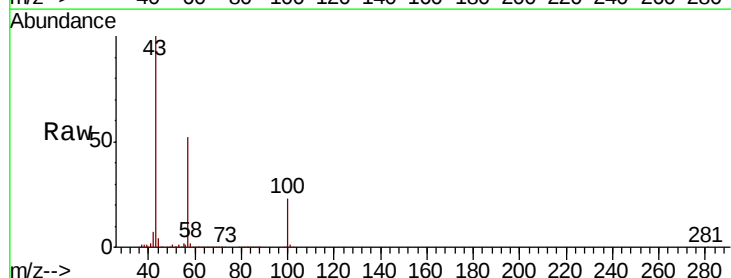


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 57.00 (56.70 to 57.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

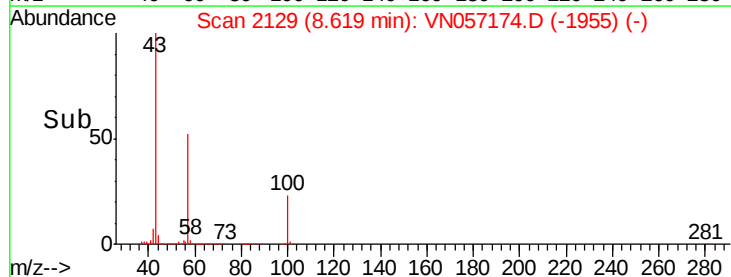
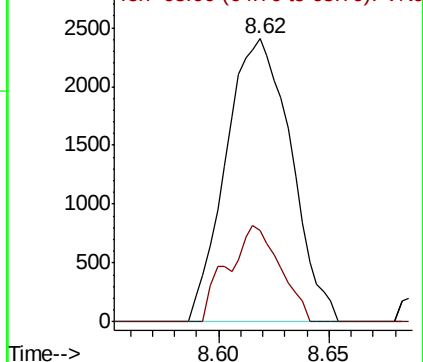


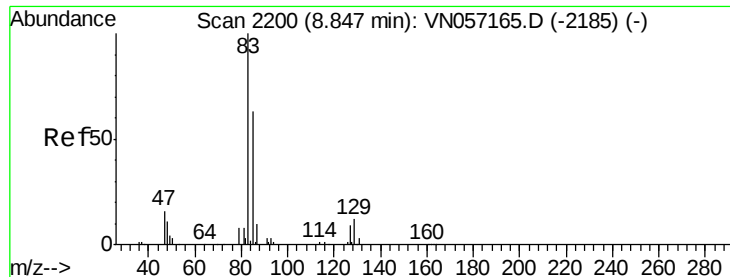
#39
1,2-Dichloropropane
Concen: 0.429 ug/l
RT: 8.62 min Scan# 2129
Delta R.T. 0.06 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

Tgt Ion: 63 Resp: 4932
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.4



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 65.00 (64.70 to 65.70): VN0





#41

Bromodichloromethane

Concen: 2.889 ug/l

RT: 8.85 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

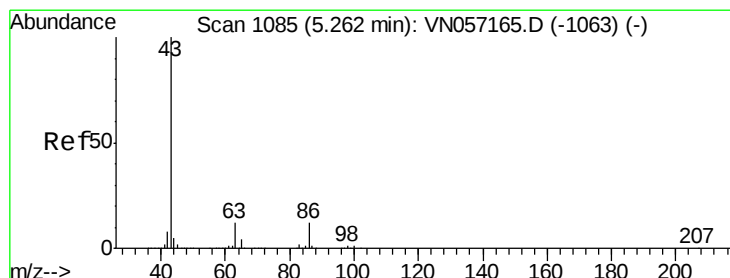
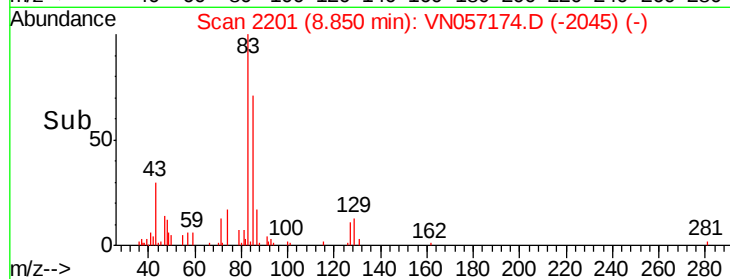
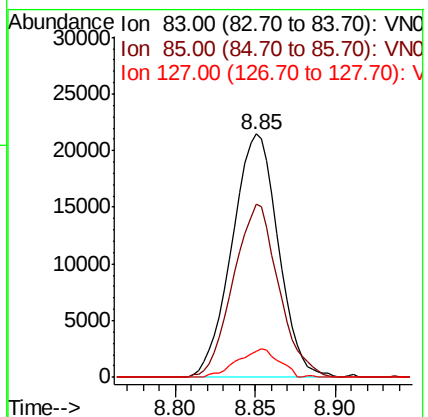
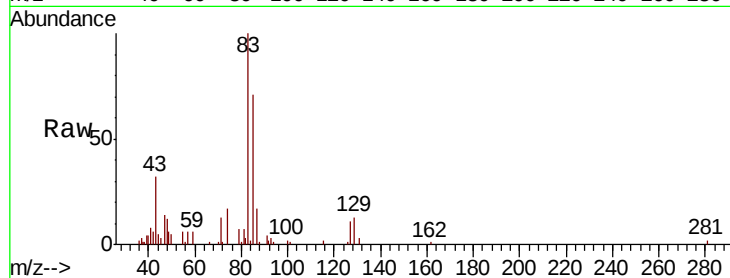
Tgt Ion: 83 Resp: 42466

Ion Ratio Lower Upper

83 100

85 71.2 50.6 76.0

127 10.9 7.0 10.6#



#42

Vinyl Acetate

Concen: 0.742 ug/l

RT: 5.31 min Scan# 1101

Delta R.T. 0.05 min

Lab File: VN057174.D

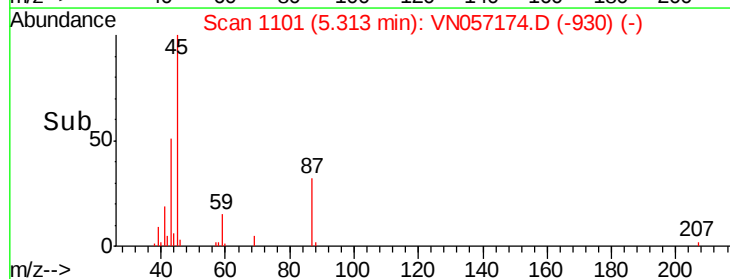
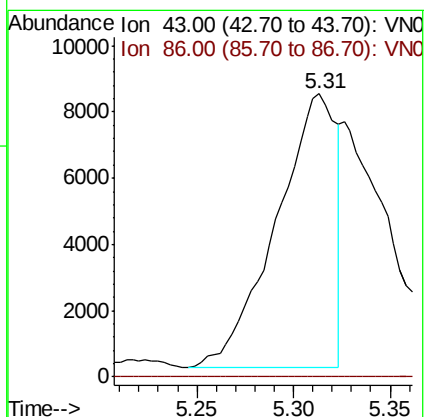
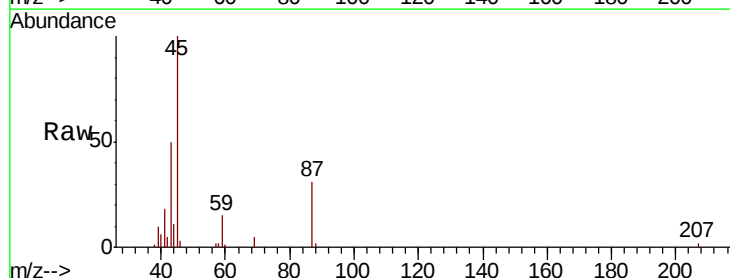
Acq: 10 Aug 2019 14:15

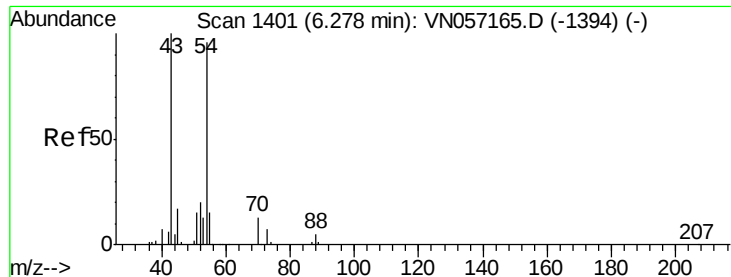
Tgt Ion: 43 Resp: 17723

Ion Ratio Lower Upper

43 100

86 0.0 8.0 12.0#





#43

Ethyl Acetate

Concen: 10.796 ug/l

RT: 6.21 min Scan# 1379

Delta R.T. -0.07 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

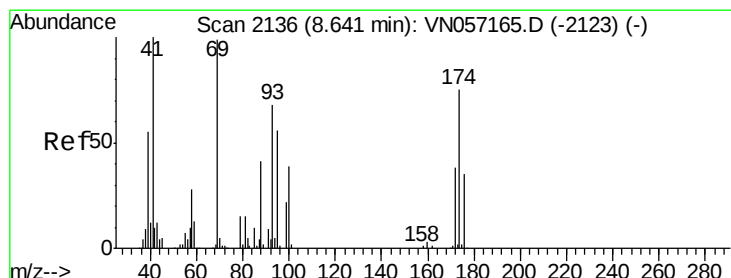
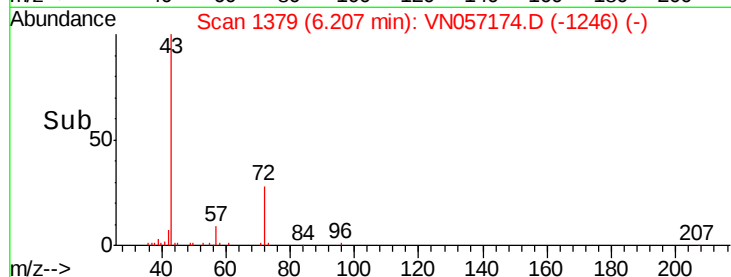
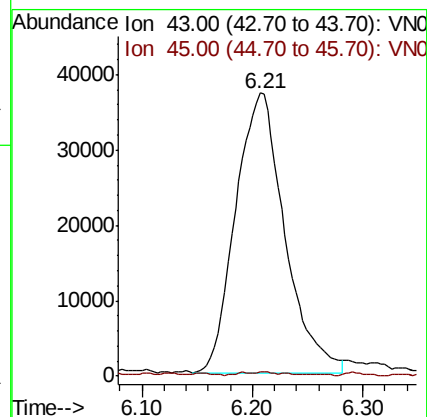
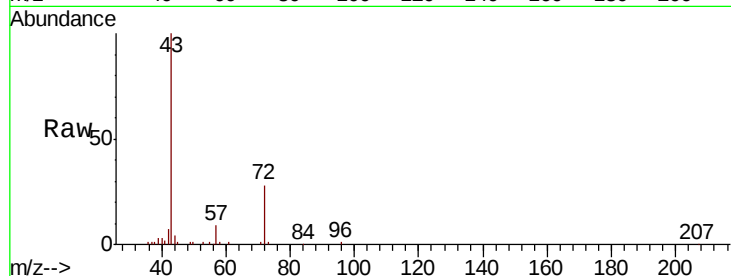
EFF-WW

Tgt Ion: 43 Resp: 114411

Ion Ratio Lower Upper

43 100

45 0.2 10.1 15.1#



#45

1,4-Dioxane

Concen: 70.563 ug/l

RT: 8.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

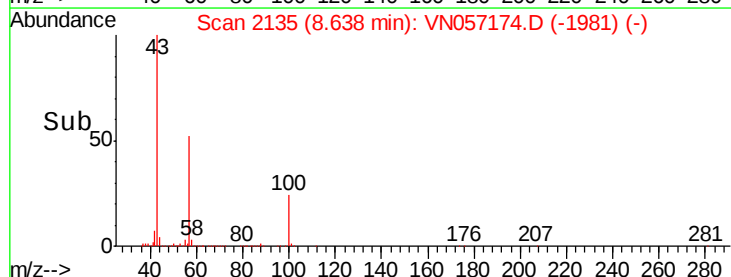
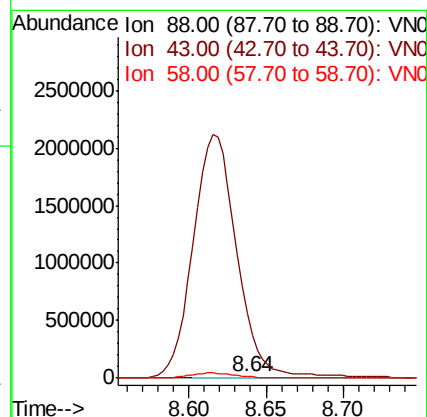
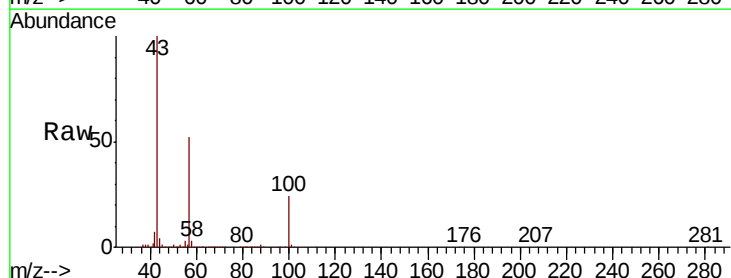
Tgt Ion: 88 Resp: 12670

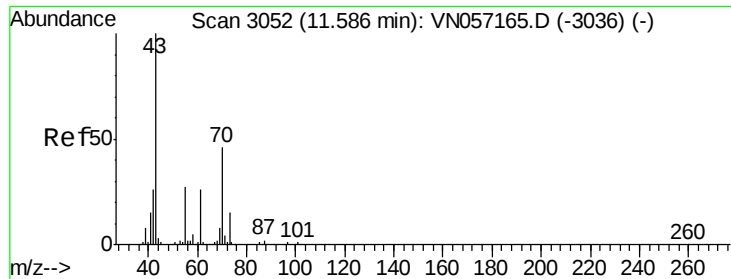
Ion Ratio Lower Upper

88 100

43 33325.1 20.5 30.7#

58 774.3 53.8 80.8#





#47

n-amy1 Acetate

Concen: 0.275 ug/l

RT: 11.58 min Scan# 3051

Delta R.T. -0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

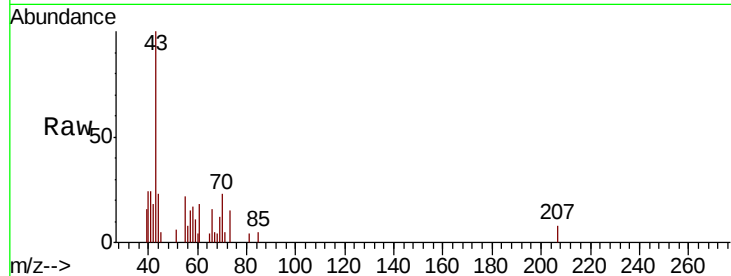
EFF-WW

Tgt Ion: 43 Resp: 3892

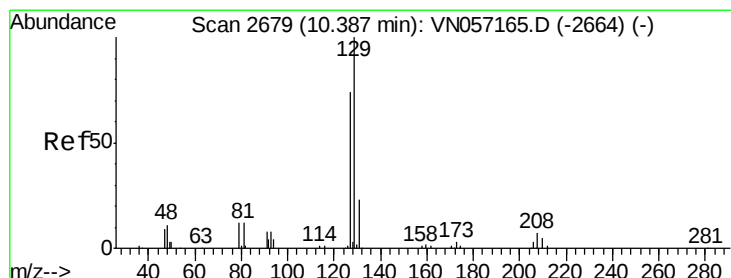
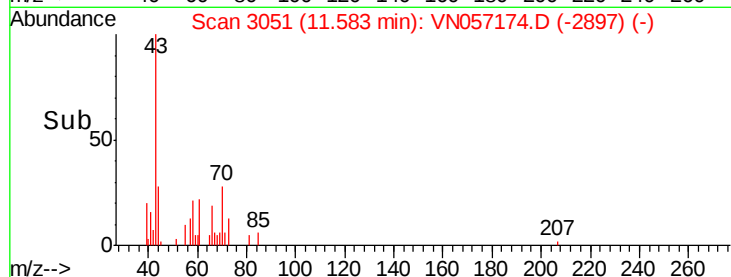
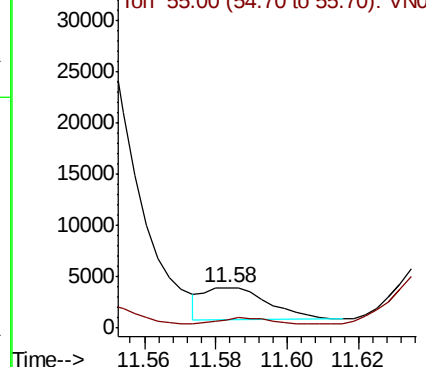
Ion Ratio Lower Upper

43 100

55 13.3 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057165.D (-3036) (-)



#53

Dibromochloromethane

Concen: 0.538 ug/l

RT: 10.39 min Scan# 2680

Delta R.T. 0.00 min

Lab File: VN057174.D

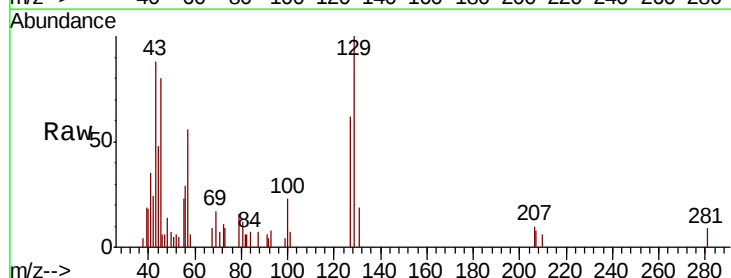
Acq: 10 Aug 2019 14:15

Tgt Ion: 129 Resp: 6400

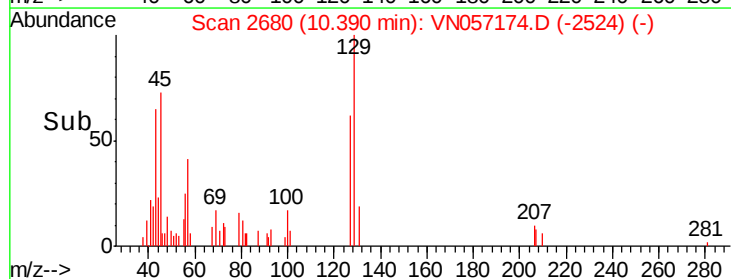
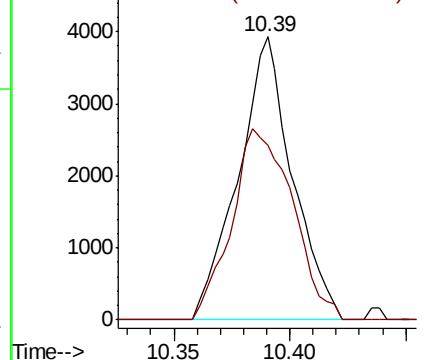
Ion Ratio Lower Upper

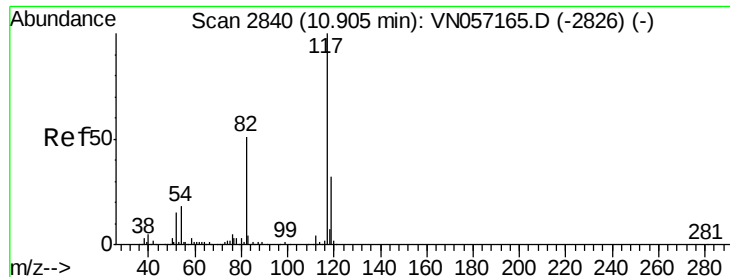
129 100

127 75.5 38.2 114.6



Abundance Ion 129.00 (128.70 to 129.70): VN057165.D (-2664) (-)

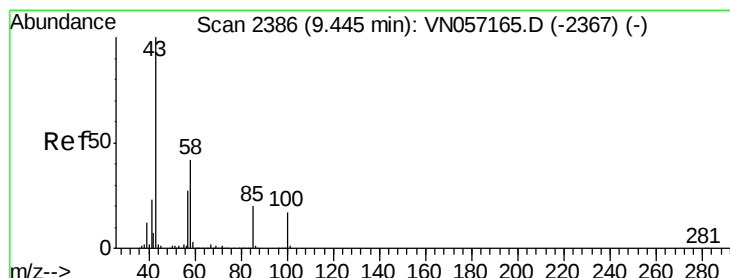
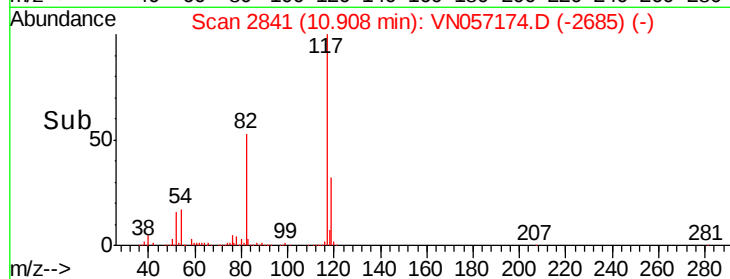
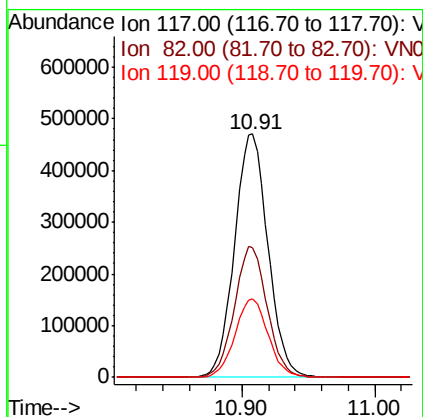
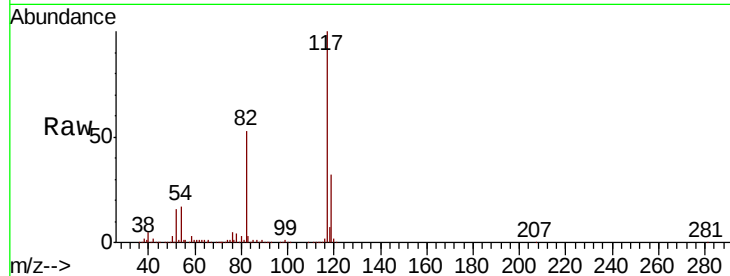




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

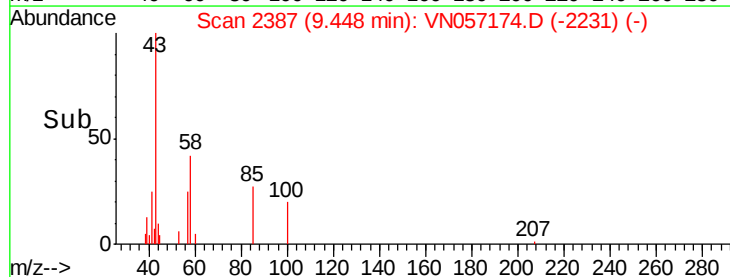
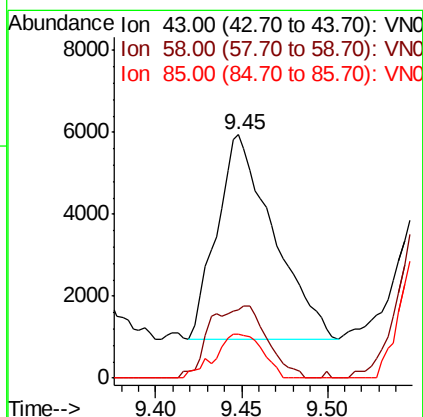
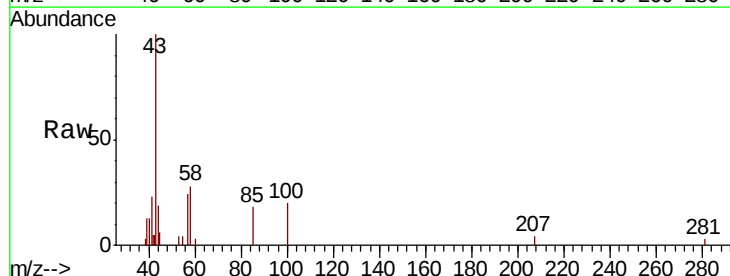
Instrument :
MSVOA_N
ClientSampled :
EFF-WW

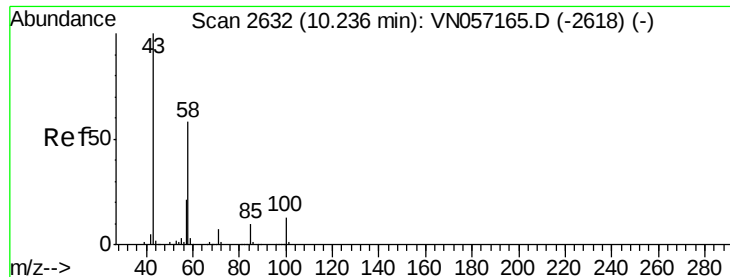
Tgt Ion: 117 Resp: 821717
Ion Ratio Lower Upper
117 100
82 52.8 41.5 62.3
119 32.1 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 1.090 ug/l
RT: 9.45 min Scan# 2387
Delta R.T. 0.00 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

Tgt Ion: 43 Resp: 11510
Ion Ratio Lower Upper
43 100
58 0.6 32.8 49.2#
85 15.6 16.4 24.6#

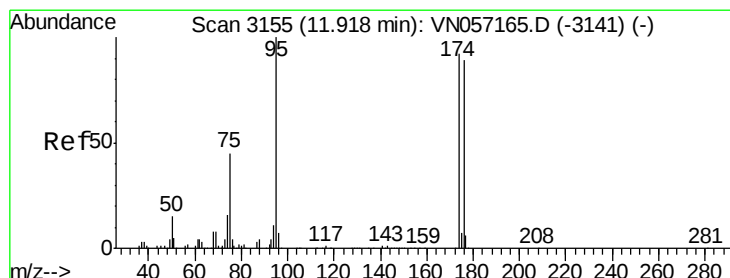
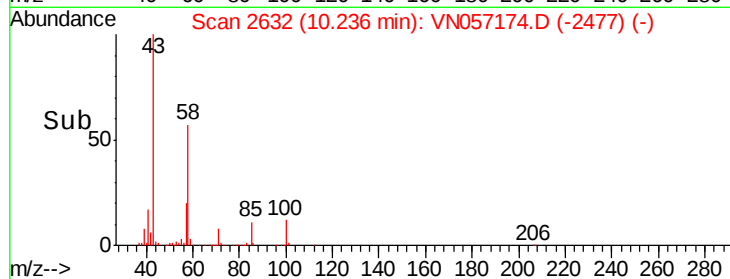
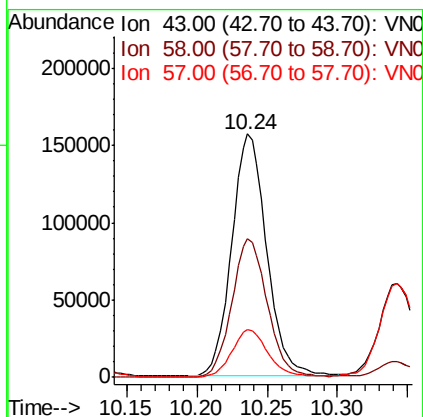
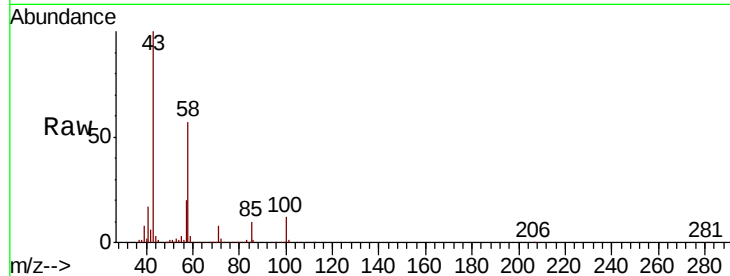




#59
2-Hexanone
Concen: 35.691 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

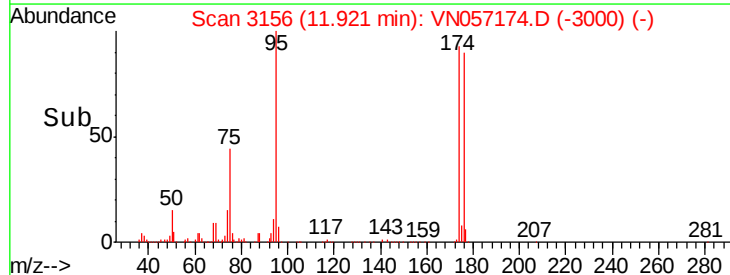
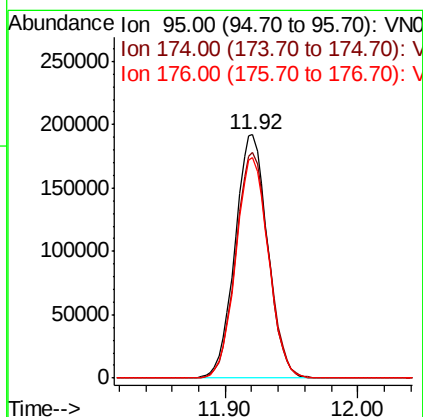
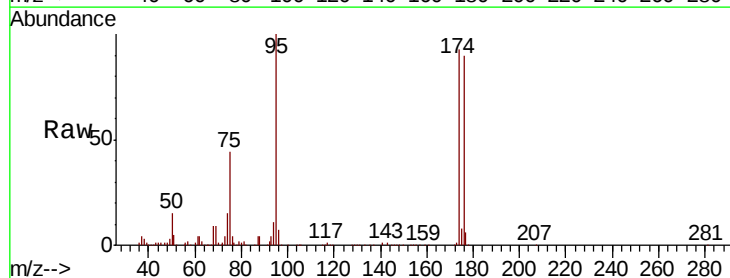
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

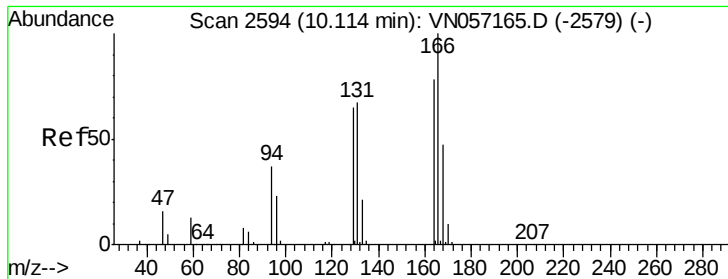
Tgt Ion: 43 Resp: 270869
Ion Ratio Lower Upper
43 100
58 58.4 45.4 68.2
57 19.8 16.1 24.1



#60
4-Bromofluorobenzene
Concen: 26.871 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

Tgt Ion: 95 Resp: 328781
Ion Ratio Lower Upper
95 100
174 93.3 74.9 112.3
176 90.3 72.1 108.1





#61

Tetrachloroethene

Concen: 0.616 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. -0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

Tgt Ion:164 Resp: 7770

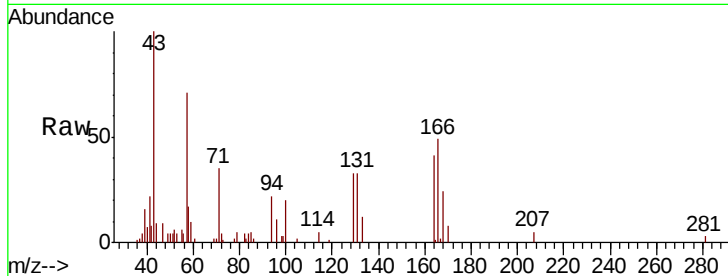
Ion Ratio Lower Upper

164 100

166 119.3 103.0 154.6

129 80.3 67.3 100.9

131 80.8 68.5 102.7

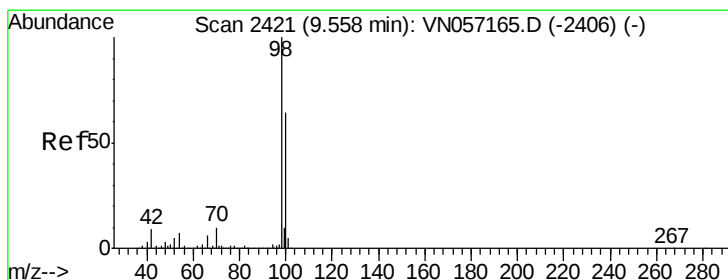
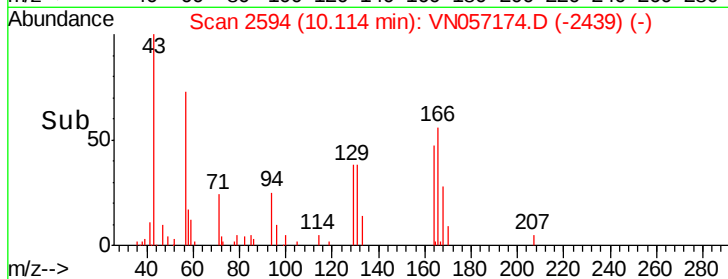
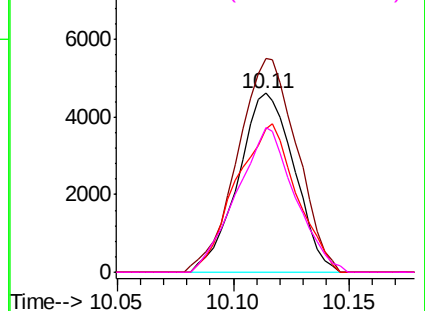


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#63

Toluene-d8

Concen: 30.377 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057174.D

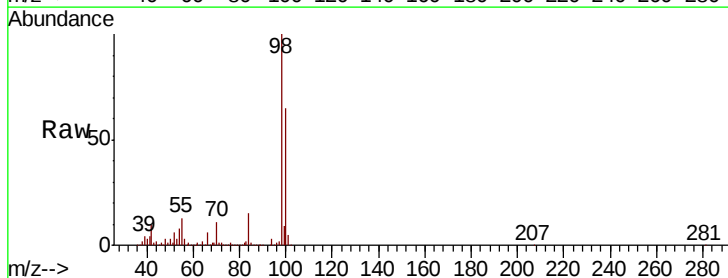
Acq: 10 Aug 2019 14:15

Tgt Ion: 98 Resp: 1152292

Ion Ratio Lower Upper

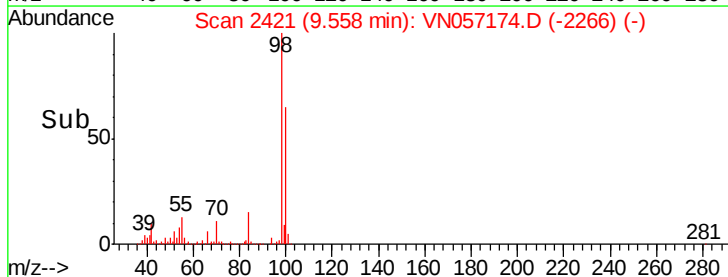
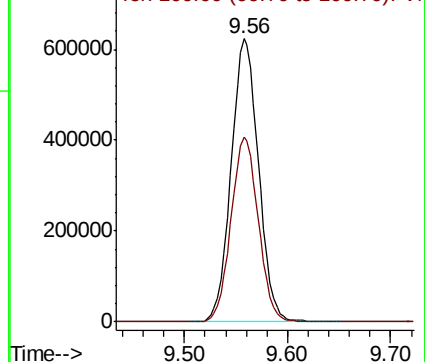
98 100

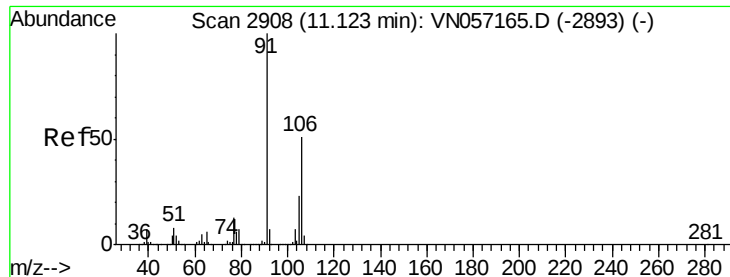
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

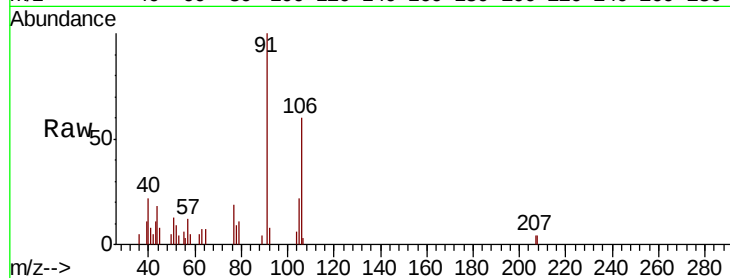




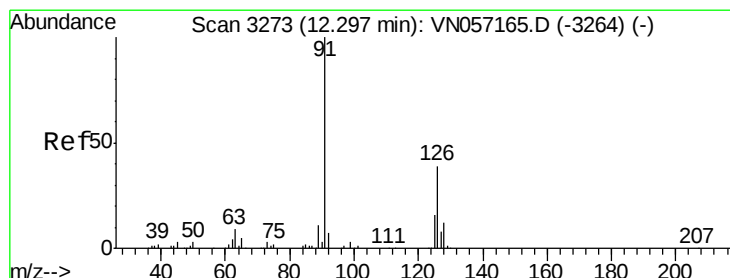
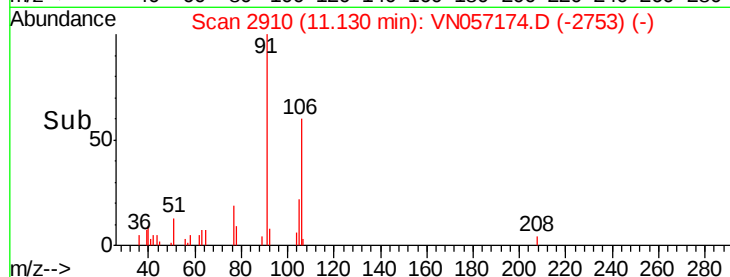
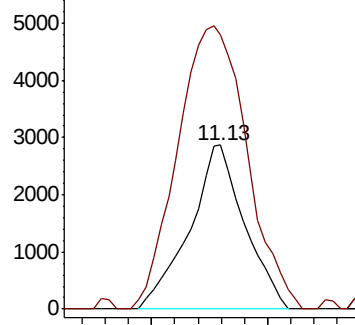
#67
m/p-Xylenes
Concen: 0.250 ug/l
RT: 11.13 min Scan# 2910
Delta R.T. 0.01 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 106 Resp: 4729
Ion Ratio Lower Upper
106 100
91 217.3 160.5 240.7

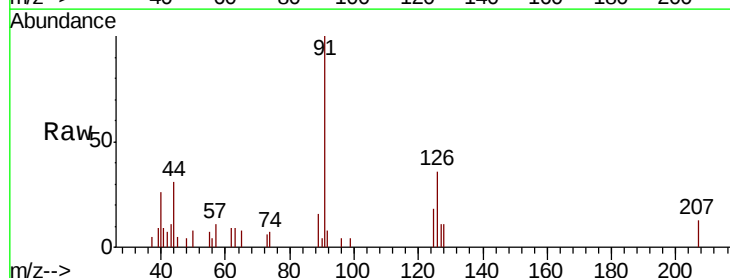


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

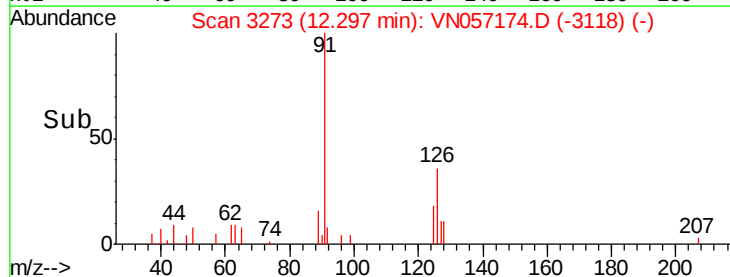
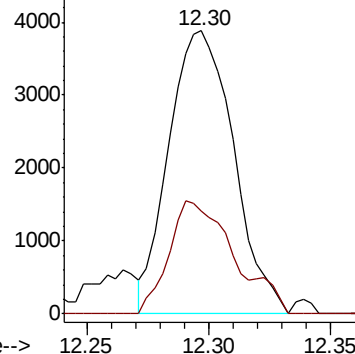


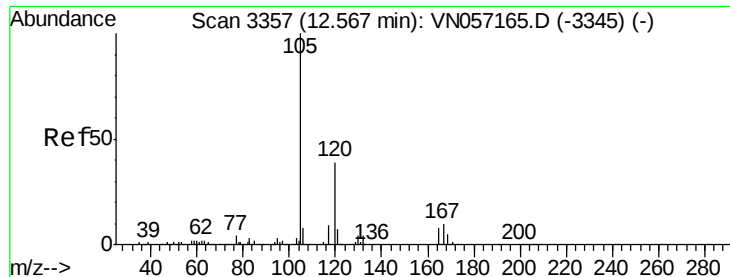
#78
4-Chlorotoluene
Concen: 0.240 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

Tgt Ion: 91 Resp: 7161
Ion Ratio Lower Upper
91 100
126 35.7 0.0 70.2



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V

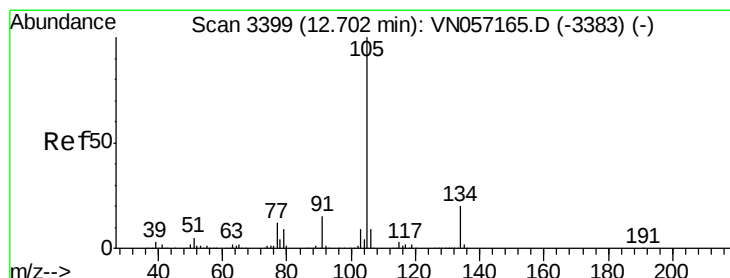
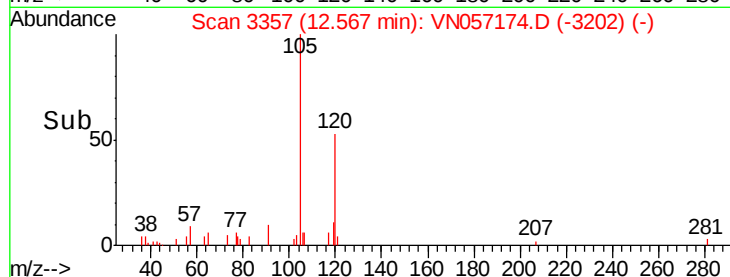
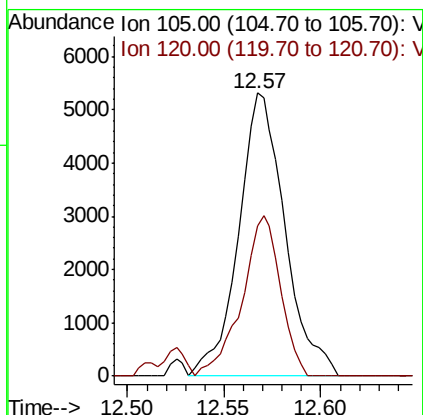
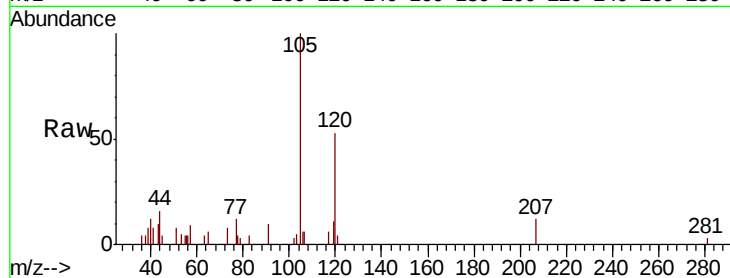




#80
 1,2,4-Trimethylbenzene
 Concen: 0.225 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. -0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

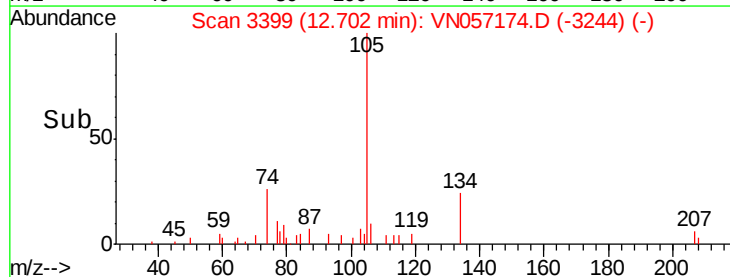
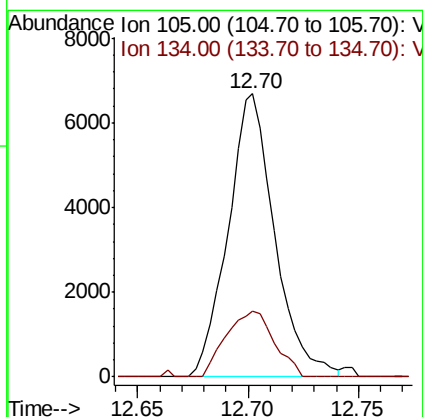
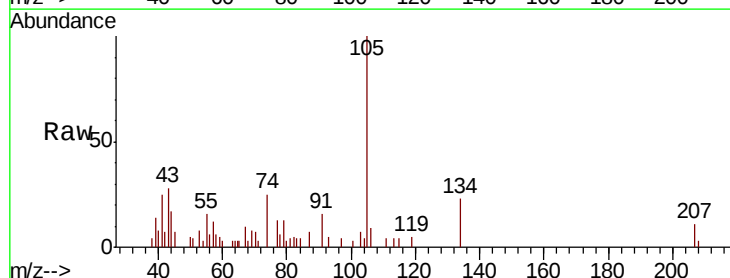
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

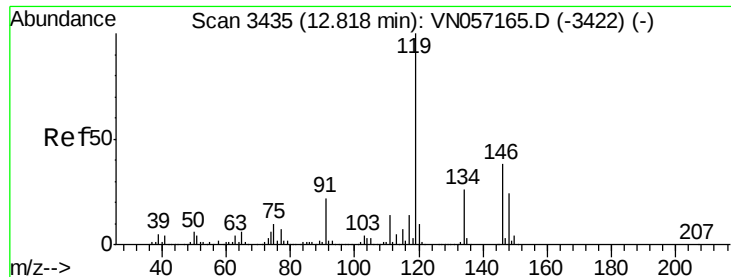
Tgt Ion:105 Resp: 8836
 Ion Ratio Lower Upper
 105 100
 120 47.3 0.0 91.2



#81
 sec-Butylbenzene
 Concen: 0.212 ug/l
 RT: 12.70 min Scan# 3399
 Delta R.T. -0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

Tgt Ion:105 Resp: 9820
 Ion Ratio Lower Upper
 105 100
 134 24.0 0.0 40.6

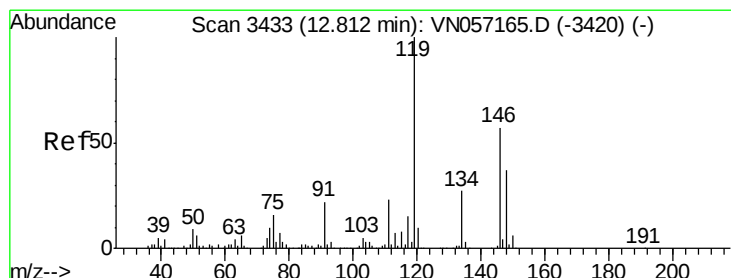
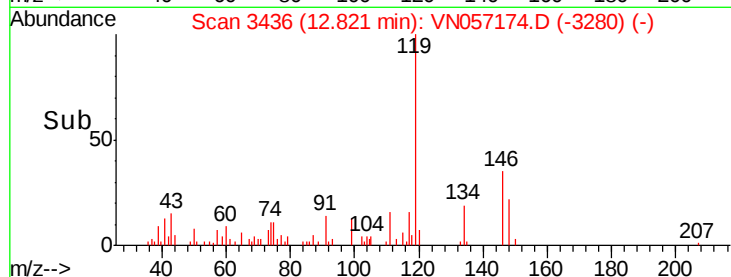
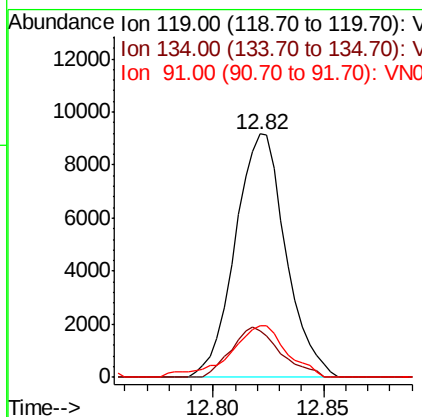
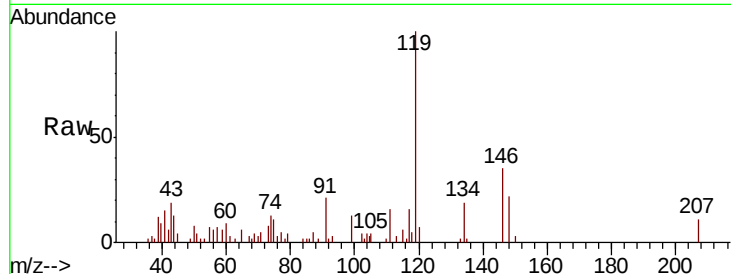




#82
p-Isopropyltoluene
Concen: 0.355 ug/l
RT: 12.82 min Scan# 3436
Delta R.T. 0.00 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

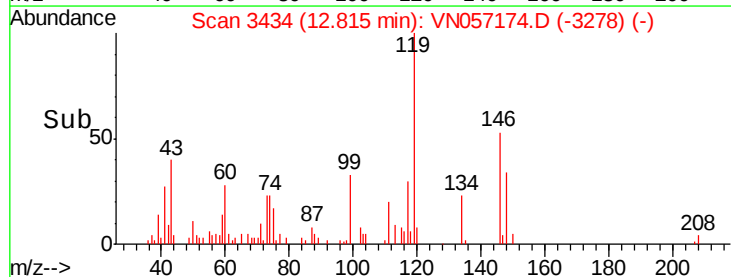
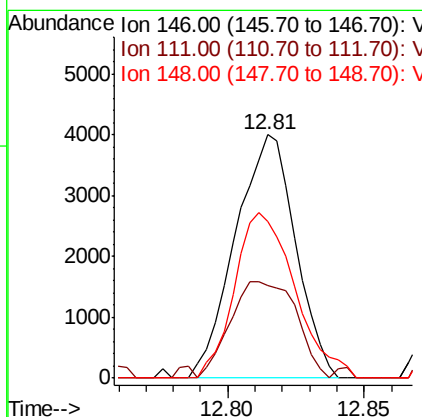
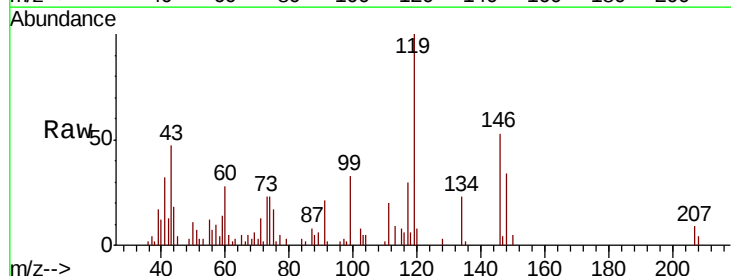
Instrument :
MSVOA_N
ClientSampled :
EFF-WW

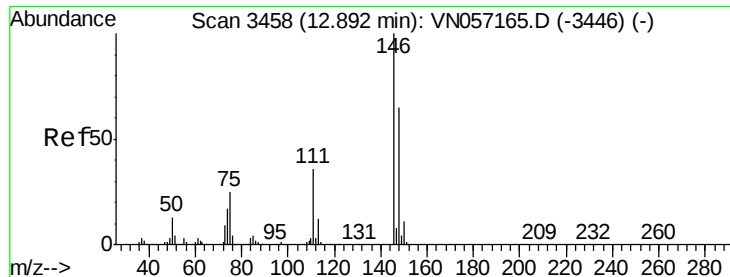
Tgt Ion:119 Resp: 14625
Ion Ratio Lower Upper
119 100
134 20.0 0.0 54.2
91 22.6 0.0 44.4



#83
1,3-Dichlorobenzene
Concen: 0.313 ug/l
RT: 12.81 min Scan# 3434
Delta R.T. 0.00 min
Lab File: VN057174.D
Acq: 10 Aug 2019 14:15

Tgt Ion:146 Resp: 6113
Ion Ratio Lower Upper
146 100
111 43.5 19.1 57.1
148 68.3 32.6 97.8





#84

1,4-Dichlorobenzene

Concen: 0.468 ug/l

RT: 12.90 min Scan# 3459

Delta R.T. 0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

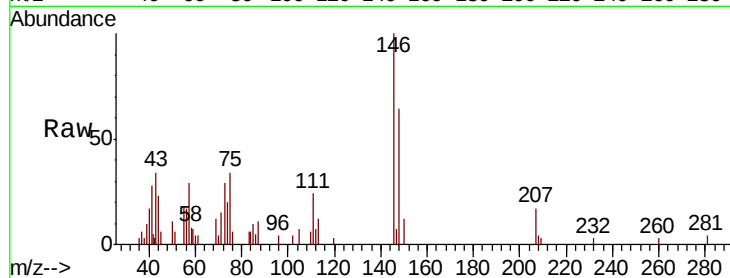
Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

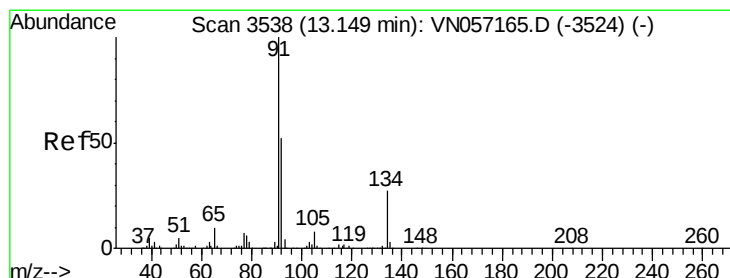
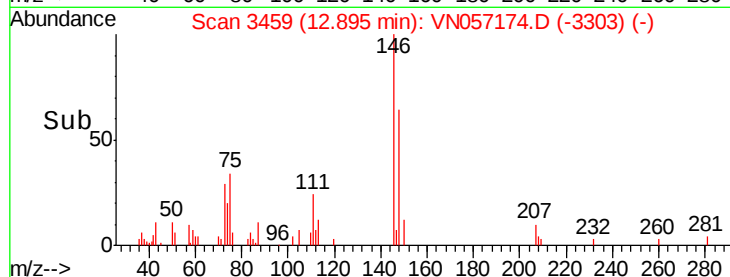
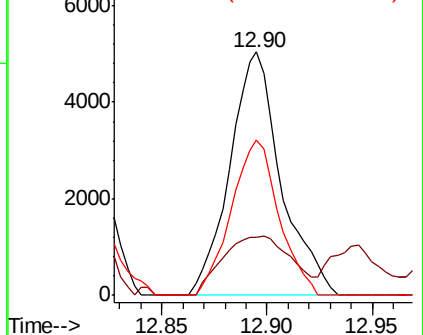
Tgt Ion:	146	Resp:	8497
Ion	Ratio	Lower	Upper
146	100		
111	33.4	18.0	54.0
148	59.2	32.3	96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 0.545 ug/l

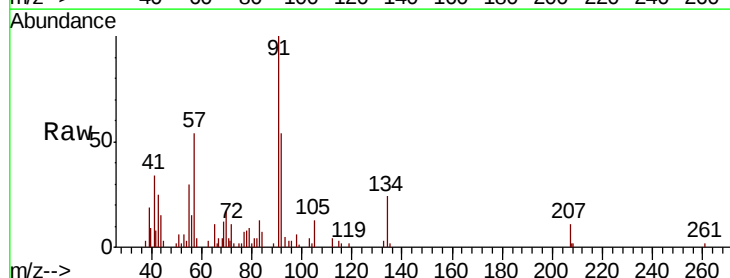
RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057174.D

Acq: 10 Aug 2019 14:15

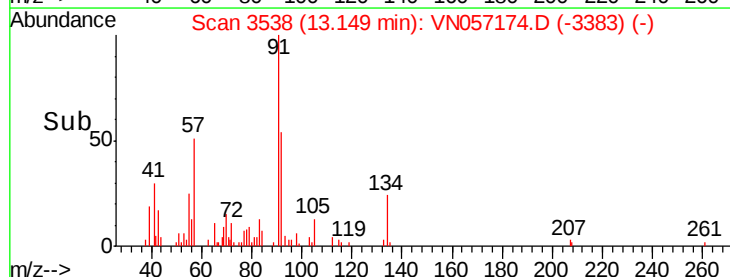
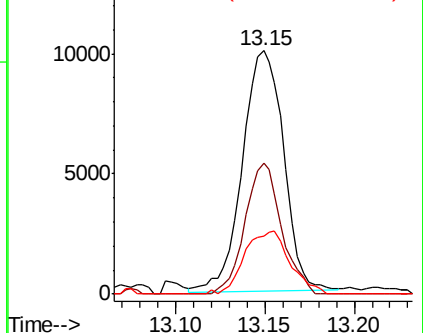
Tgt Ion:	91	Resp:	16221
Ion	Ratio	Lower	Upper
91	100		
92	48.3	0.0	104.4
134	28.5	0.0	55.0

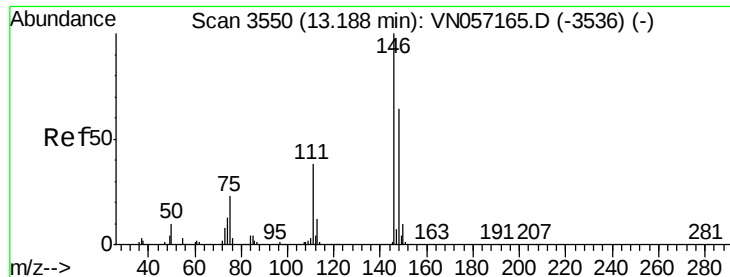


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

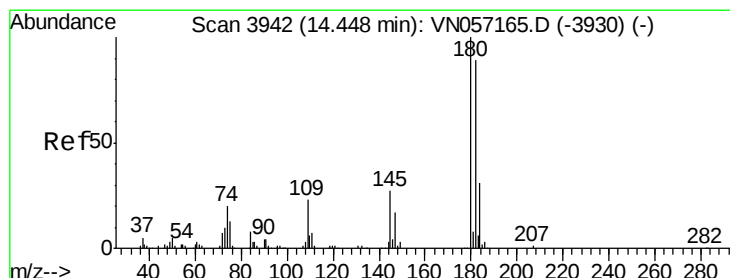
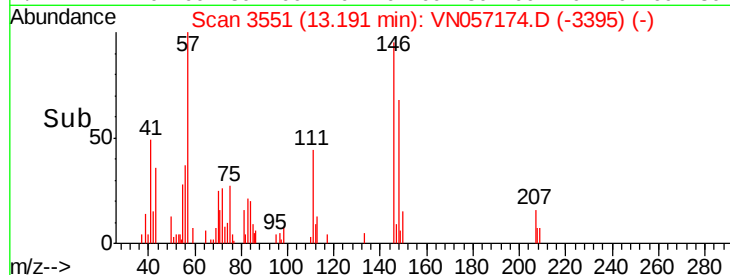
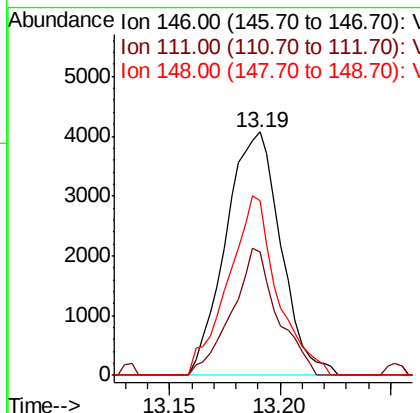
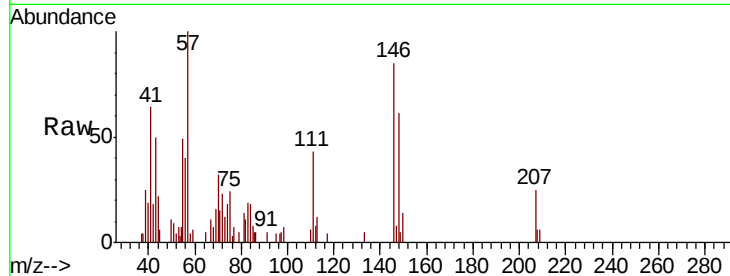




#87
 1,2-Dichlorobenzene
 Concen: 0.364 ug/l
 RT: 13.19 min Scan# 3551
 Delta R.T. 0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

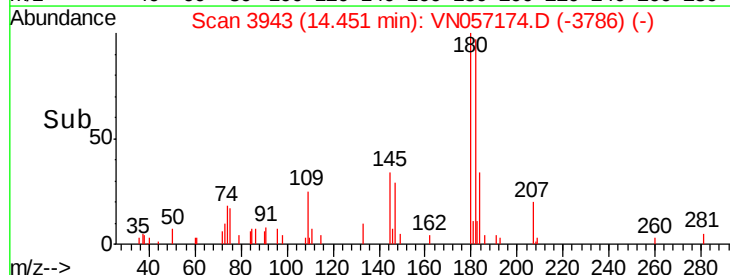
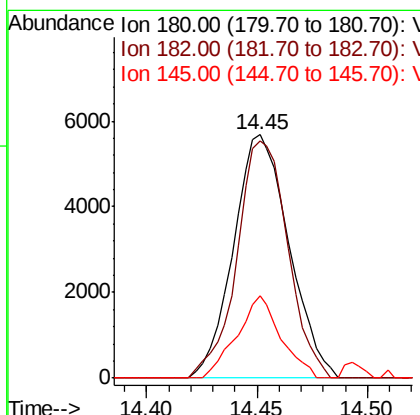
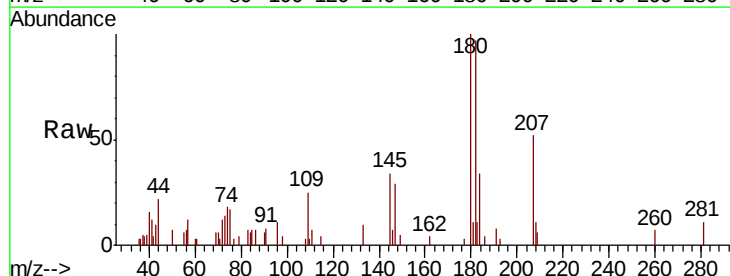
Instrument :
 MSVOA_N
 ClientSampled :
 EFF-WW

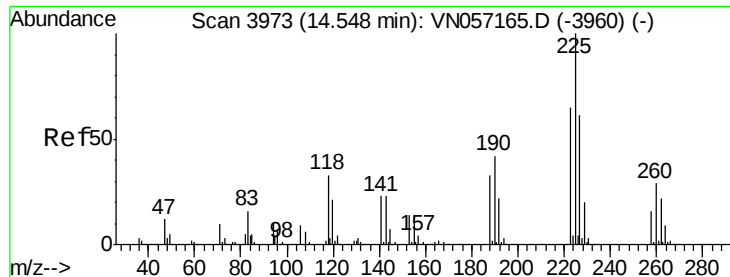
Tgt Ion:146 Resp: 7040
 Ion Ratio Lower Upper
 146 100
 111 43.4 18.9 56.5
 148 65.9 32.4 97.0



#89
 1,2,4-Trichlorobenzene
 Concen: 9.909 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

Tgt Ion:180 Resp: 9936
 Ion Ratio Lower Upper
 180 100
 182 89.3 75.0 112.6
 145 26.7 21.7 32.5

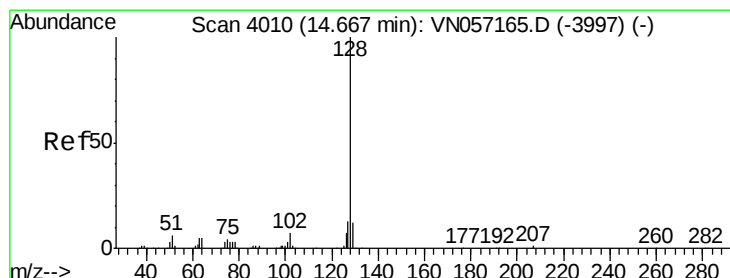
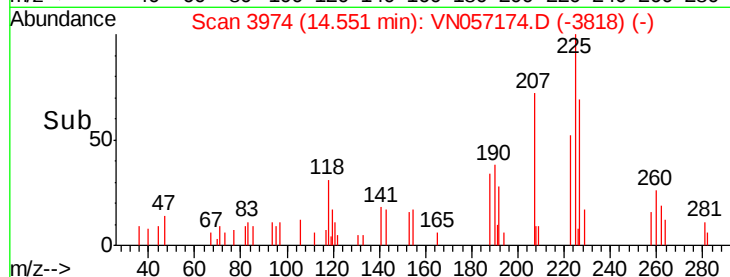
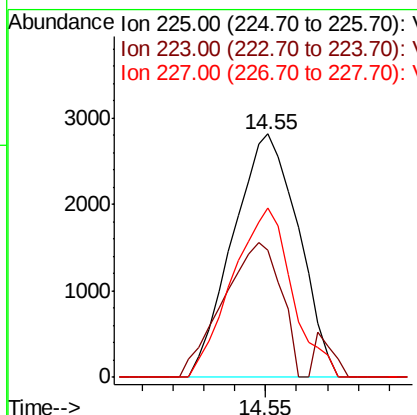
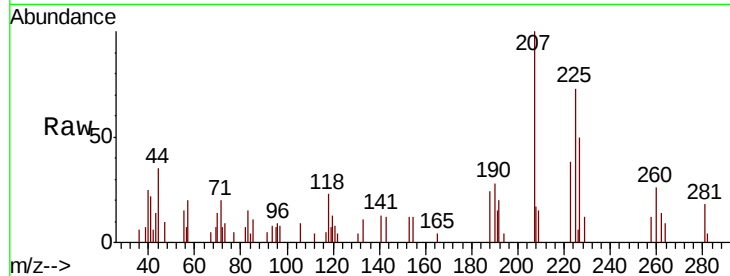




#90
 Hexachlorobutadiene
 Concen: 0.495 ug/l
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

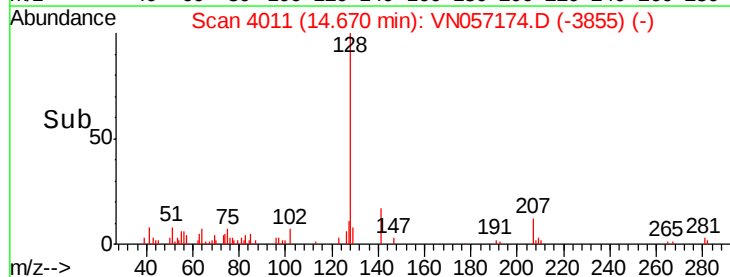
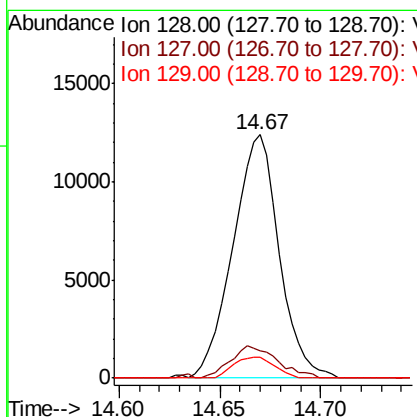
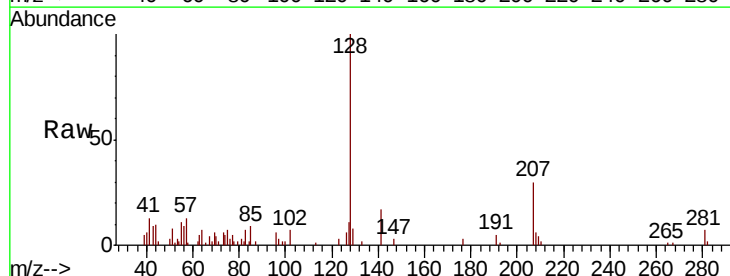
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

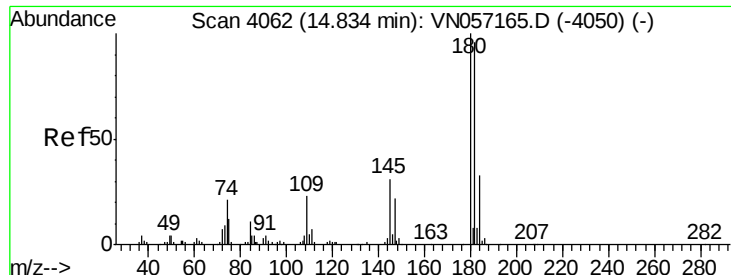
Tgt Ion:	225	Resp:	4131
Ion	Ratio	Lower	Upper
225	100		
223	49.1	0.0	128.0
227	63.6	0.0	125.6



#91
 Naphthalene
 Concen: 1.354 ug/l
 RT: 14.67 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

Tgt Ion:	128	Resp:	19883
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	7.7	8.6	13.0#





#92
 1,2,3-Trichlorobenzene
 Concen: 9.627 ug/l
 RT: 14.84 min Scan# 4063
 Delta R.T. 0.00 min
 Lab File: VN057174.D
 Acq: 10 Aug 2019 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.3	0.0	195.8
145	31.9	0.0	61.2

