

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059553.D
 Acq On : 19 Jul 2018 11:35
 Operator : VA/AP
 Sample : J4036-03
 Misc : 14.72g/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-03-0-2

Quant Time: Jul 19 14:41:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	82	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.78
63) Chlorobenzene-d5	9.93	117	78	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.66	152	62	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	117	91.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.48%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.10	50	398	719.97	ug/l #	44
4) Vinyl Chloride	1.11	62	131	234.86	ug/l #	43
5) Bromomethane	1.27	94	85	219.89	ug/l #	3
6) Chloroethane	1.42	64	62	220.44	ug/l #	46
7) Trichlorofluoromethane	1.61	101	63	46.15	ug/l #	20
8) Diethyl Ether	1.86	74	83	315.97	ug/l #	1
11) Tert butyl alcohol	2.74	59	72	1402.39	ug/l #	74
12) 1,1-Dichloroethene	1.96	96	68	110.92	ug/l #	1
13) Acrolein	2.02	56	62	3395.72	ug/l #	12
14) Allyl chloride	2.23	41	78	101.95	ug/l #	73
15) Acrylonitrile	3.00	53	74	691.60	ug/l #	13
16) Acetone	2.33	43	362	2104.97	ug/l #	64
17) Carbon Disulfide	1.98	76	72	45.83	ug/l #	74
18) Methyl Acetate	2.39	43	262	712.64	ug/l #	67
19) Methyl tert-butyl Ether	2.53	73	93	48.36	ug/l #	1
20) Methylene Chloride	2.25	84	61	111.67	ug/l #	3
21) trans-1,2-Dichloroethene	2.47	96	74	130.55	ug/l #	1
22) Diisopropyl ether	3.02	45	159	73.94	ug/l #	37
23) Vinyl Acetate	3.38	43	89	70.83	ug/l #	84
24) 1,1-Dichloroethane	3.13	63	82	61.75	ug/l #	91
25) 2-Butanone	4.52	43	106	358.00	ug/l #	60
26) 2,2-Dichloropropane	3.70	77	60	68.30	ug/l #	62
27) cis-1,2-Dichloroethene	3.57	96	75	113.69	ug/l	1
28) Bromochloromethane	3.97	49	94	160.82	ug/l #	6
29) Tetrahydrofuran	4.28	42	132	1174.63	ug/l #	38
30) Chloroform	3.97	83	79	41.18	ug/l #	17
31) Cyclohexane	3.92	56	95	138.12	ug/l #	15
67) Ethyl Benzene	9.89	91	73	28.04	ug/l #	45
69) o-Xylene	10.69	106	104	106.27	ug/l #	1
73) Isopropylbenzene	11.23	105	70	17.89	ug/l #	51
74) N-amyl acetate	11.45	43	168	134.08	ug/l #	48
76) 1,2,3-Trichloropropane	11.79	75	68	97.59	ug/l #	38
81) trans-1,4-Dichloro-2-buten	12.02	75	60	188.50	ug/l #	6
84) 1,2,4-Trimethylbenzene	12.20	105	78	23.13	ug/l #	31

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QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

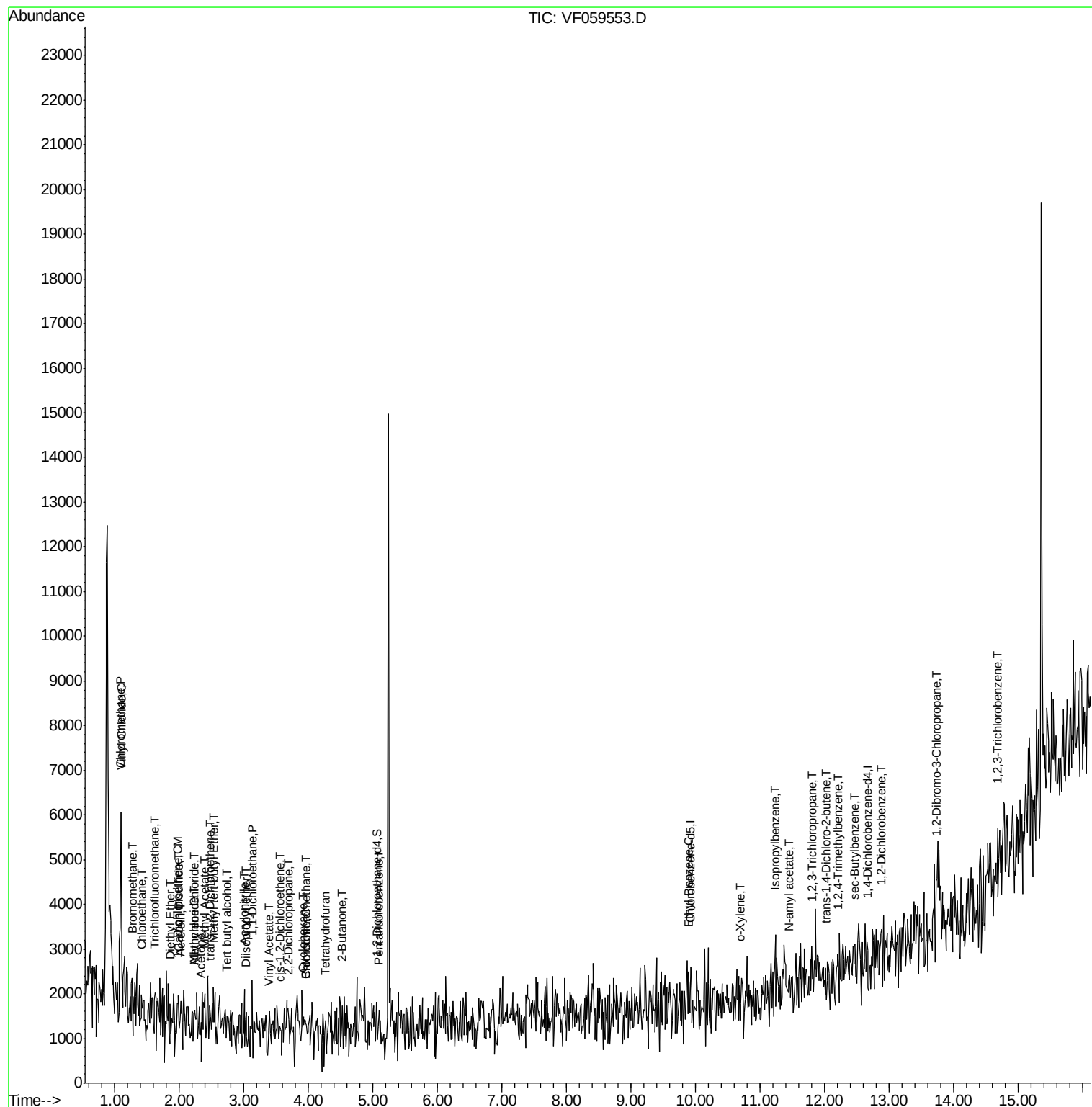
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	12.47	105	66	16.49	ug/l #	56
91) 1,2-Dichlorobenzene	12.89	146	60	33.35	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.72	75	122	631.08	ug/l #	8
96) 1,2,3-Trichlorobenzene	14.67	180	60	60.74	ug/l #	11

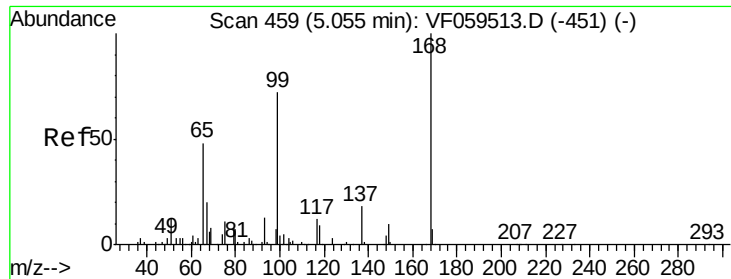
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

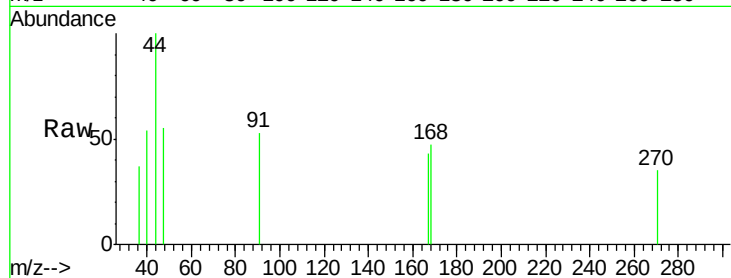
CON-SB-03-0-2

Tot Ion:168 Resp: 82

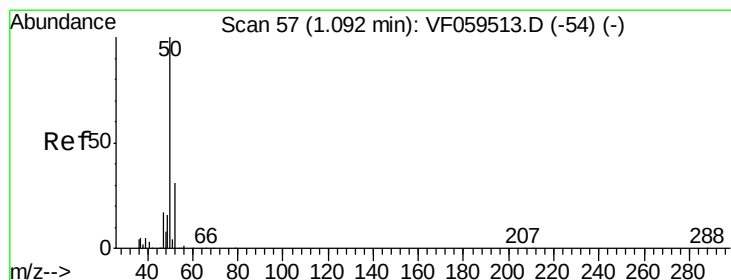
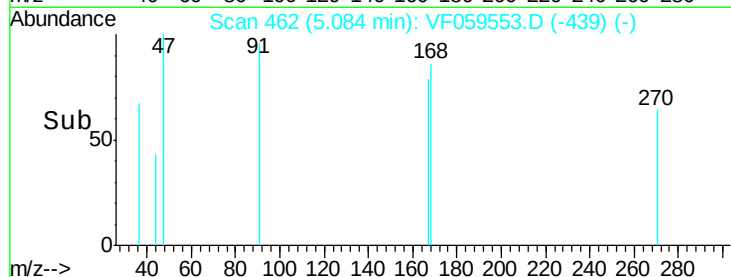
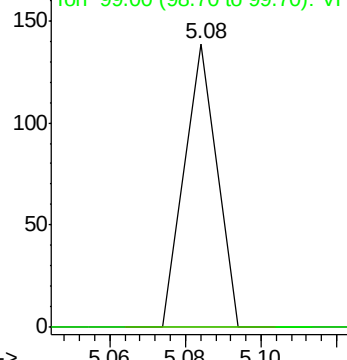
Ion Ratio Lower Upper

168 100

99 0.0 57.6 86.4#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 719.97 ug/l

RT: 1.10 min Scan# 58

Delta R.T. 0.01 min

Lab File: VF059553.D

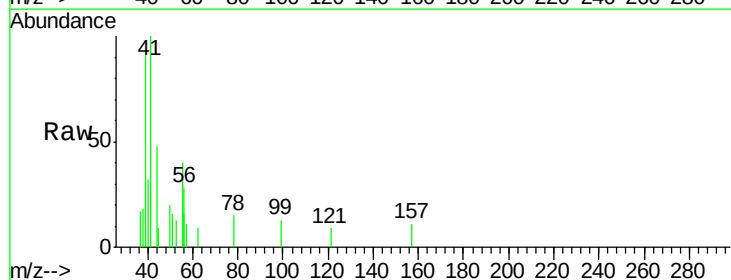
Acq: 19 Jul 2018 11:35

Tgt Ion: 50 Resp: 398

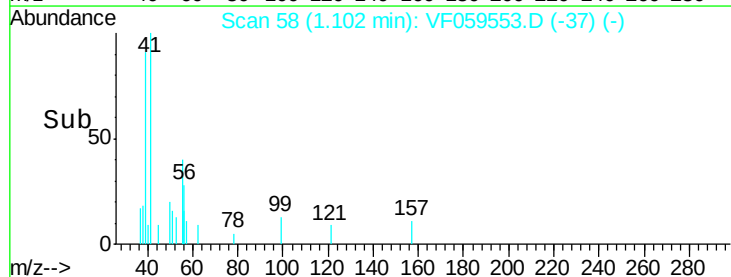
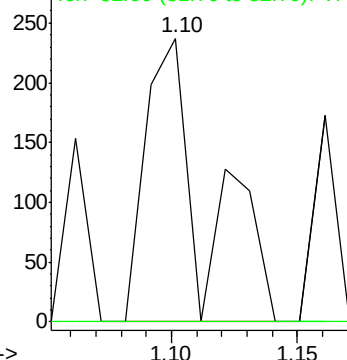
Ion Ratio Lower Upper

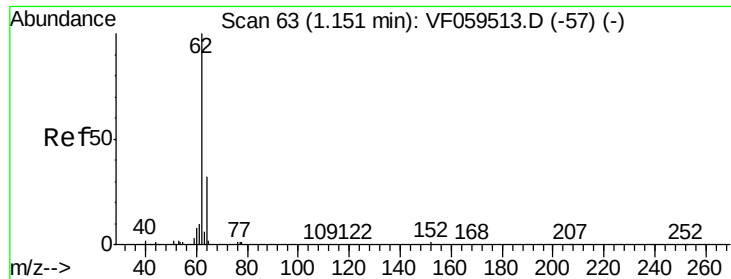
50 100

52 0.0 24.6 37.0#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#4

Vinyl Chloride

Concen: 234.86 ug/l

RT: 1.11 min Scan# 59

Delta R.T. -0.04 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

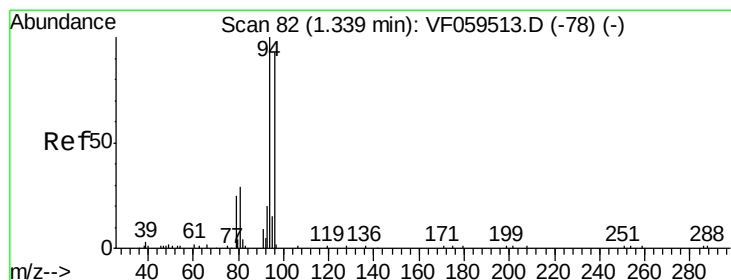
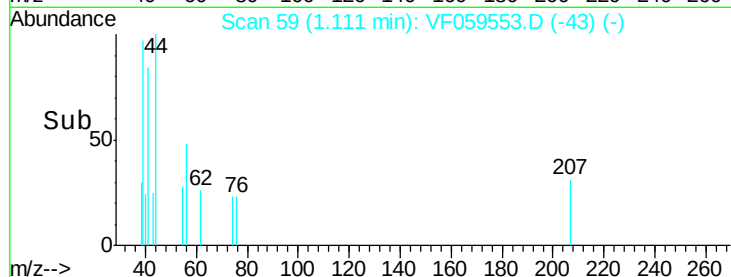
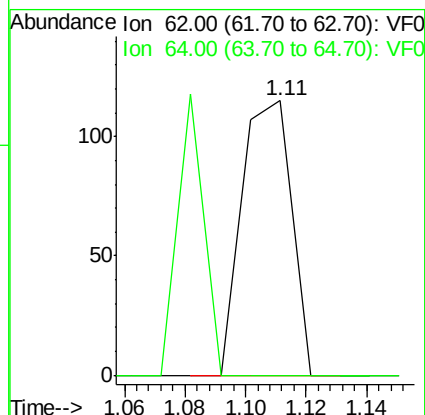
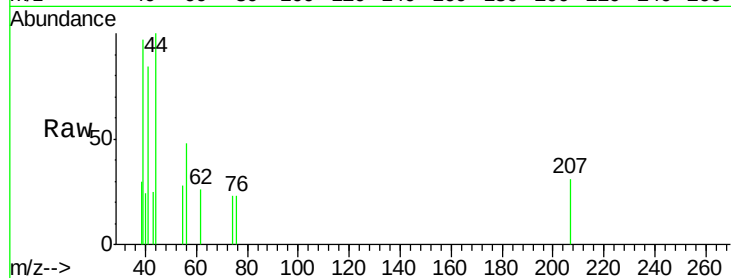
CON-SB-03-0-2

Tot Ion: 62 Resp: 131

Ion Ratio Lower Upper

62 100

64 0.0 25.7 38.5#



#5

Bromomethane

Concen: 219.89 ug/l

RT: 1.27 min Scan# 75

Delta R.T. -0.07 min

Lab File: VF059553.D

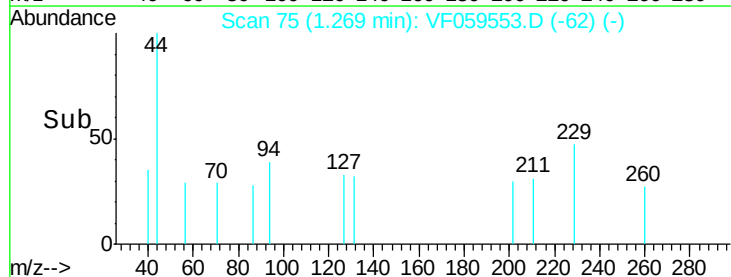
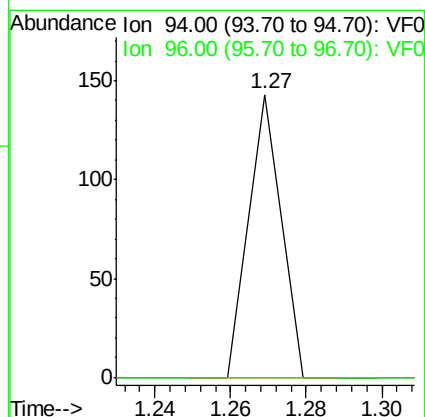
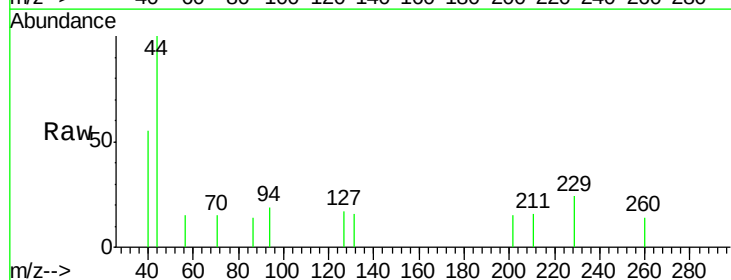
Acq: 19 Jul 2018 11:35

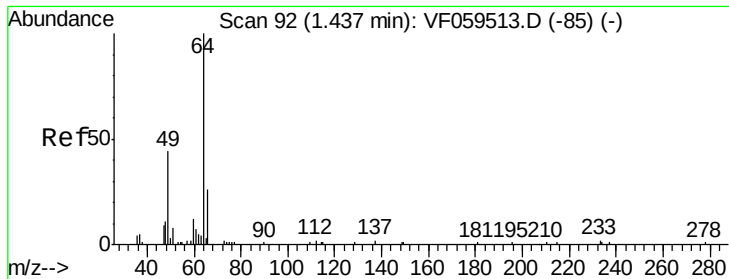
Tgt Ion: 94 Resp: 85

Ion Ratio Lower Upper

94 100

96 0.0 74.2 111.2#





#6

Chloroethane

Concen: 220.44 ug/l

RT: 1.42 min Scan# 90

Delta R.T. -0.02 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

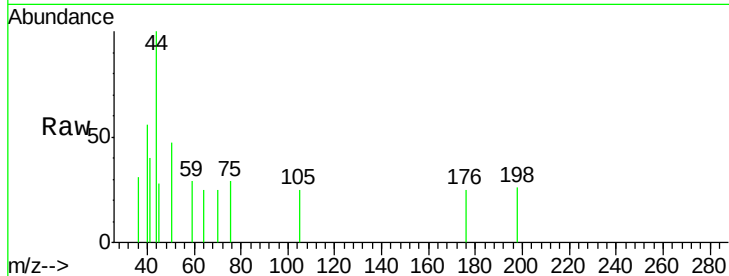
CON-SB-03-0-2

Tot Ion: 64 Resp: 62

Ion Ratio Lower Upper

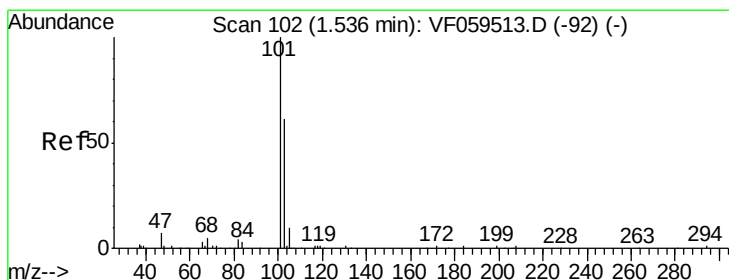
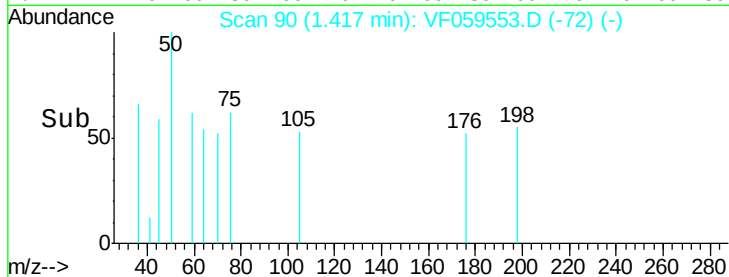
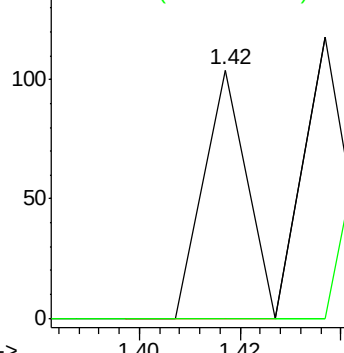
64 100

66 0.0 22.9 34.3#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#7

Trichlorofluoromethane

Concen: 46.15 ug/l

RT: 1.61 min Scan# 110

Delta R.T. 0.08 min

Lab File: VF059553.D

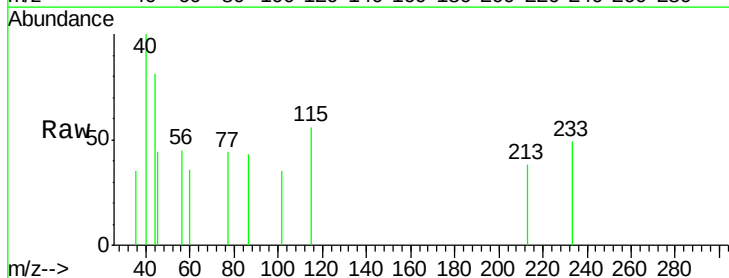
Acq: 19 Jul 2018 11:35

Tgt Ion: 101 Resp: 63

Ion Ratio Lower Upper

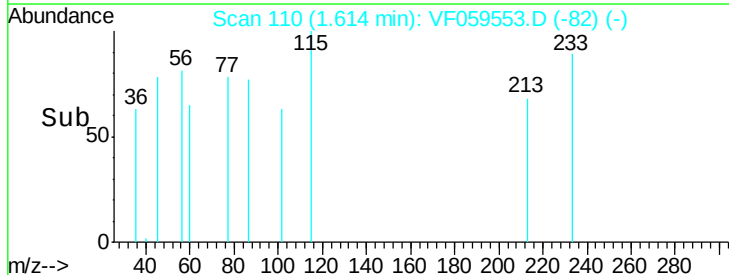
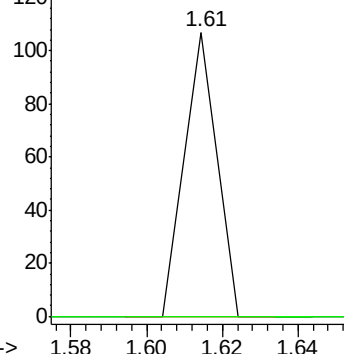
101 100

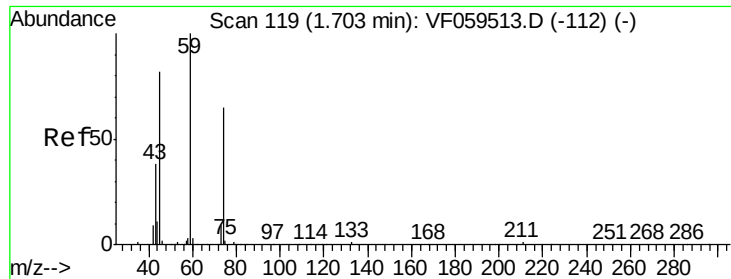
103 0.0 48.6 72.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#8

Diethyl Ether

Concen: 315.97 ug/l

RT: 1.86 min Scan# 135

Delta R.T. 0.16 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

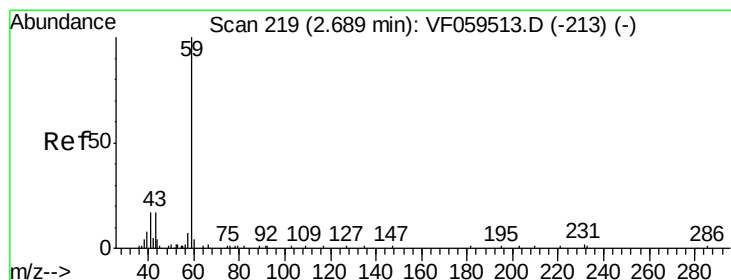
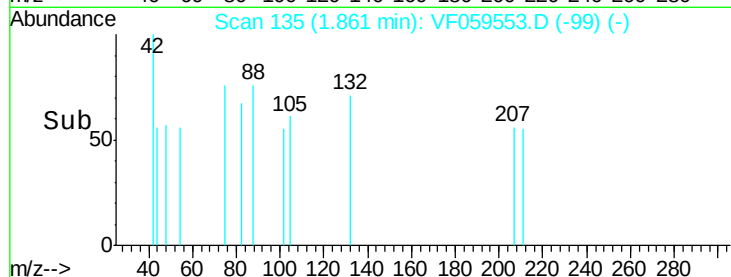
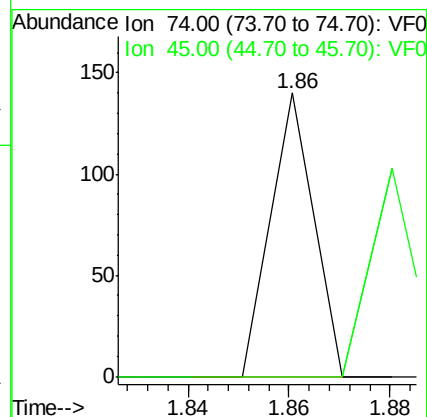
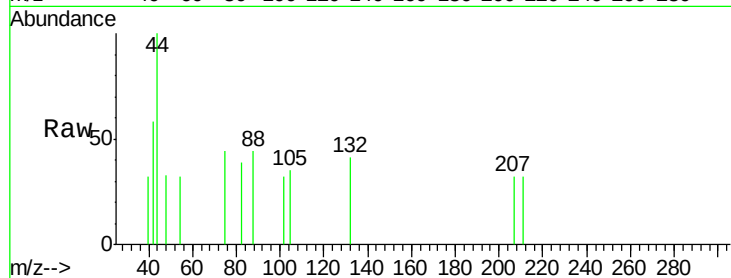
CON-SB-03-0-2

Tot Ion: 74 Resp: 83

Ion Ratio Lower Upper

74 100

45 0.0 63.6 190.9#



#11

Tert butyl alcohol

Concen: 1402.39 ug/l

RT: 2.74 min Scan# 224

Delta R.T. 0.05 min

Lab File: VF059553.D

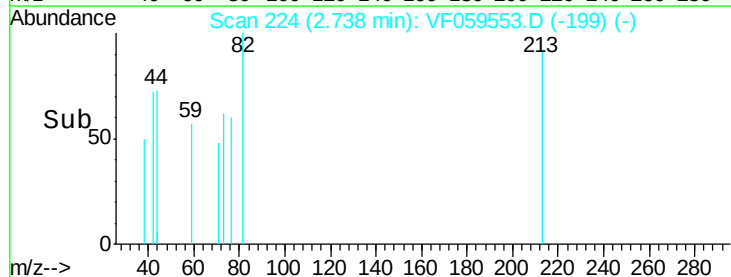
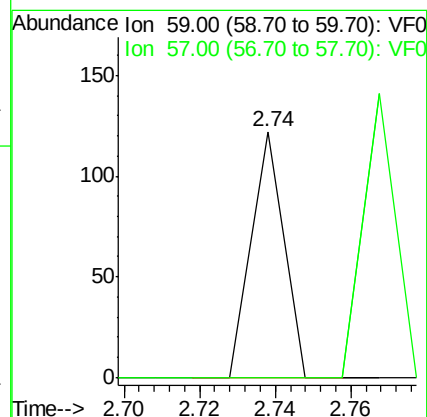
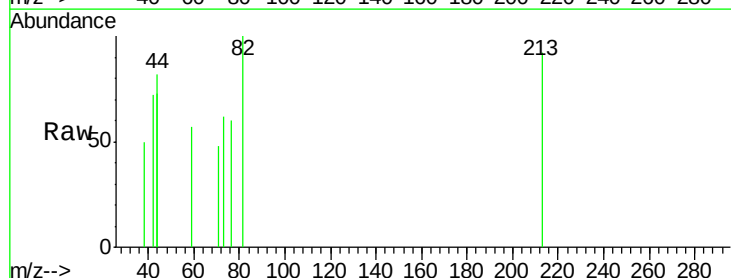
Acq: 19 Jul 2018 11:35

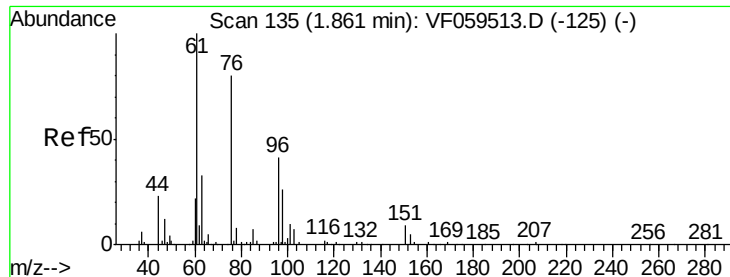
Tgt Ion: 59 Resp: 72

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#





#12

1,1-Dichloroethene

Concen: 110.92 ug/l

RT: 1.96 min Scan# 145

Delta R.T. 0.10 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-03-0-2

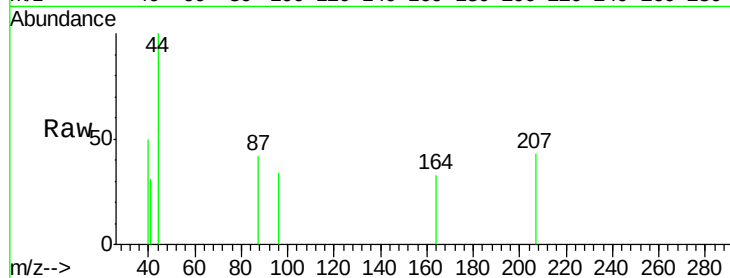
Tot Ion: 96 Resp: 68

Ion Ratio Lower Upper

96 100

61 0.0 194.3 291.5#

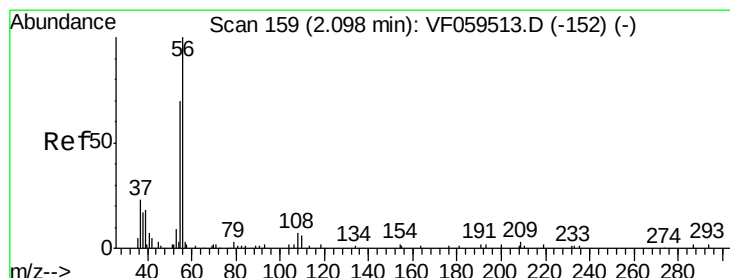
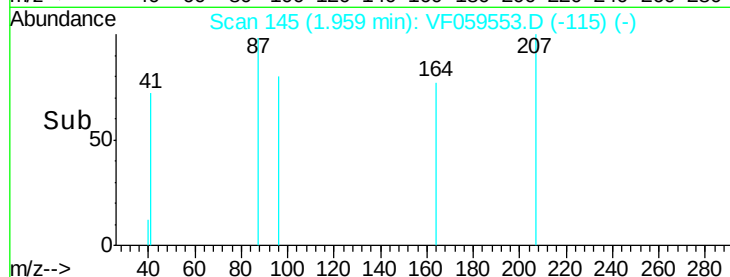
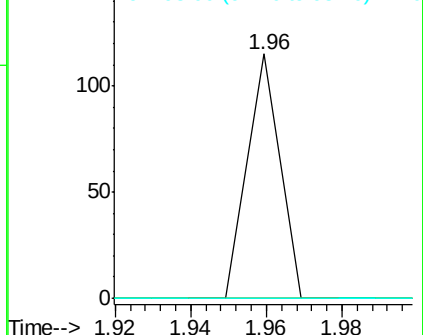
98 0.0 50.3 75.5#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#13

Acrolein

Concen: 3395.72 ug/l

RT: 2.02 min Scan# 151

Delta R.T. -0.08 min

Lab File: VF059553.D

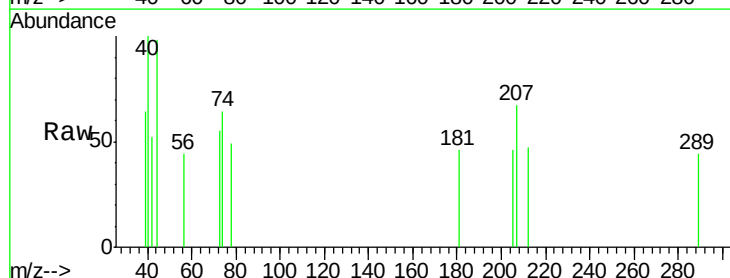
Acq: 19 Jul 2018 11:35

Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

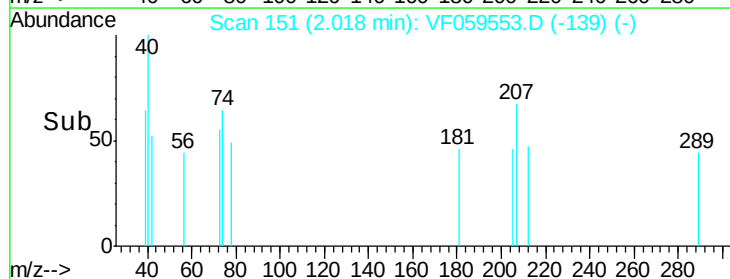
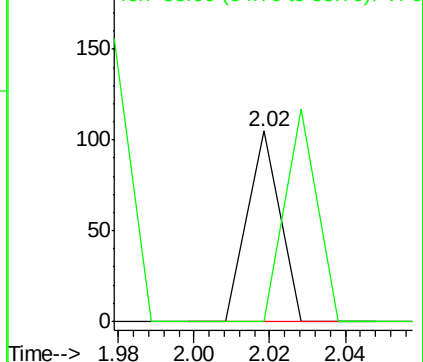
56 100

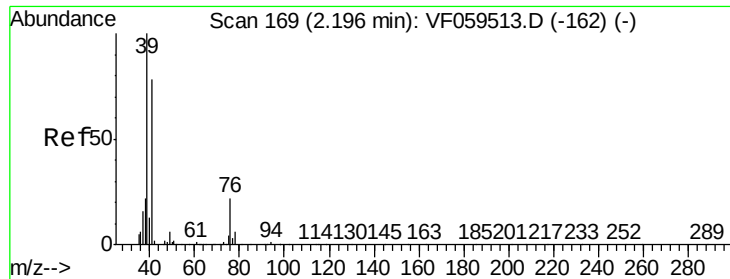
55 0.0 59.4 89.2#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

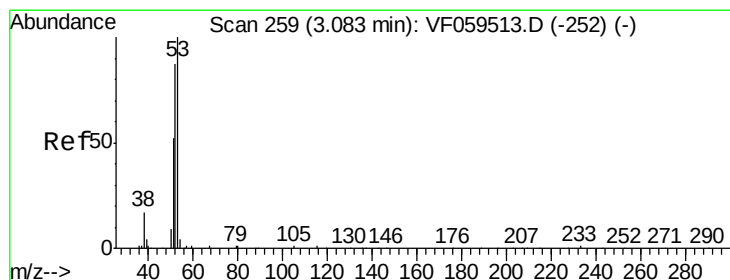
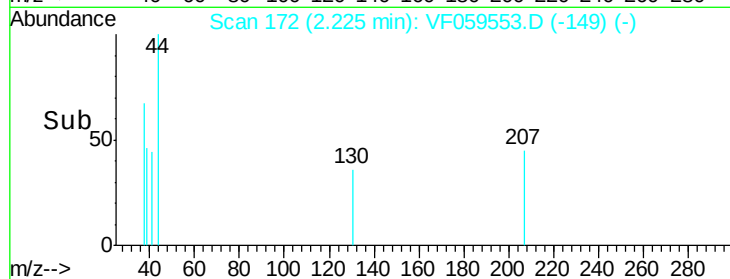
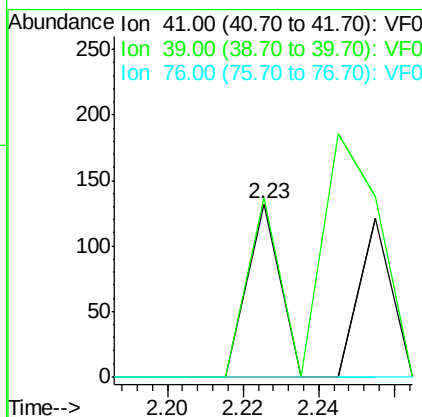
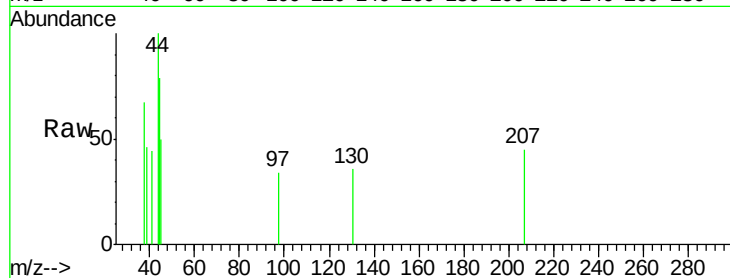




#14
 Allvl chloride
 Concen: 101.95 ug/l
 RT: 2.23 min Scan# 172
 Delta R.T. 0.03 min
 Lab File: VF059553.D
 Acq: 19 Jul 2018 11:35

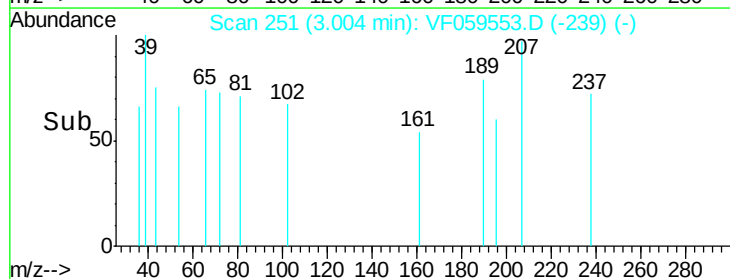
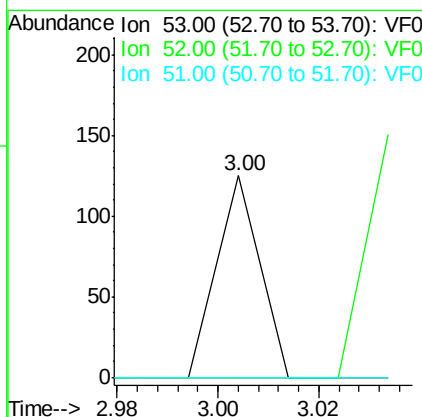
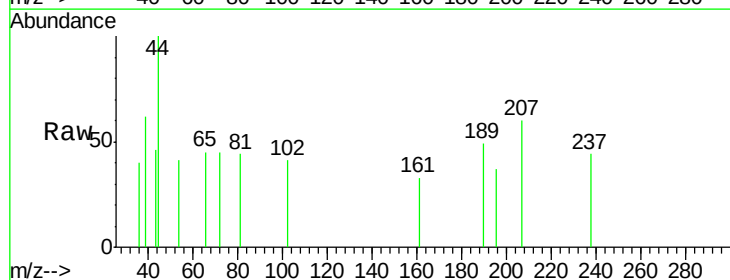
Instrument :
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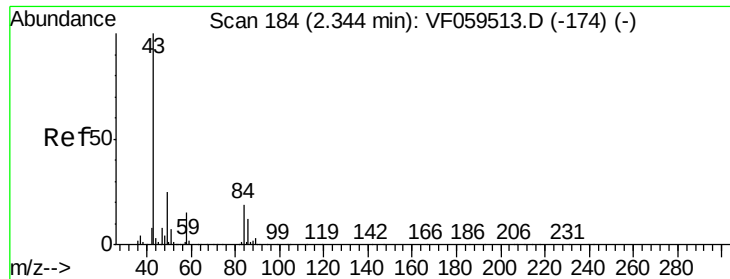
Tot Ion	Ratio	Lower	Upper
41	100		
39	103.8	103.0	154.4
76	0.0	22.6	34.0#



#15
 Acrylonitrile
 Concen: 691.60 ug/l
 RT: 3.00 min Scan# 251
 Delta R.T. -0.08 min
 Lab File: VF059553.D
 Acq: 19 Jul 2018 11:35

Tgt Ion	Ratio	Lower	Upper
53	100		
52	0.0	70.1	105.1#
51	0.0	42.5	63.7#

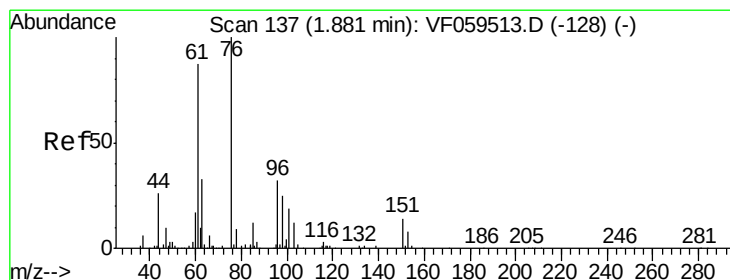
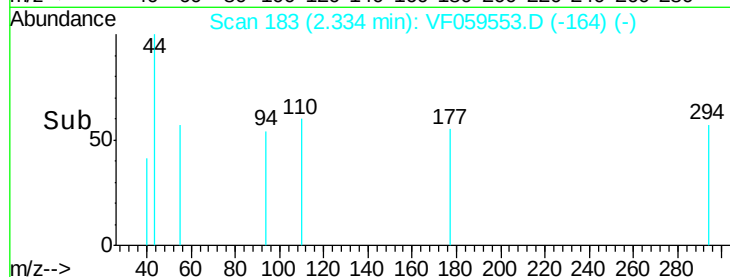
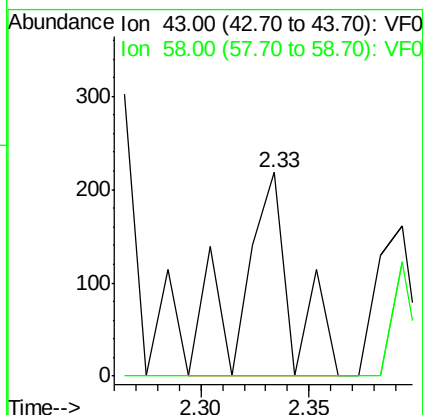
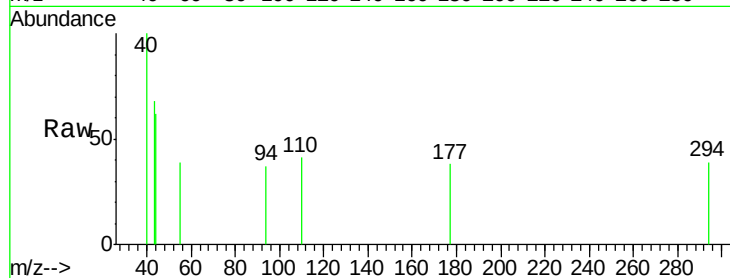




#16
Acetone
Concen: 2104.97 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

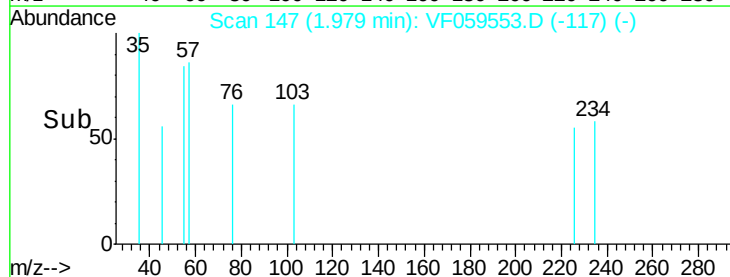
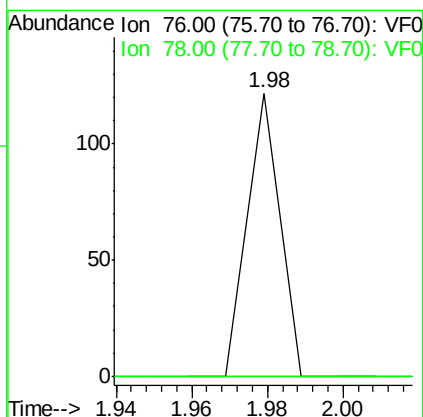
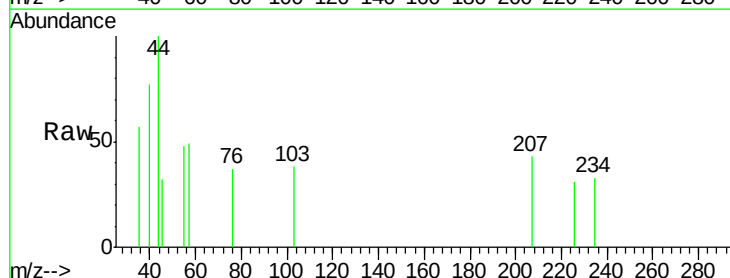
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-03-0-2

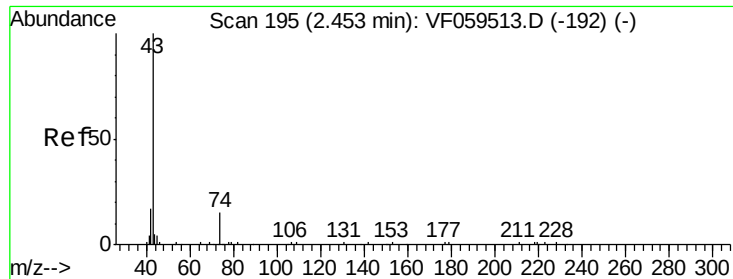
Tot Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
58 0.0 11.8 17.6#



#17
Carbon Disulfide
Concen: 45.83 ug/l
RT: 1.98 min Scan# 147
Delta R.T. 0.10 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

Tgt Ion: 76 Resp: 72
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

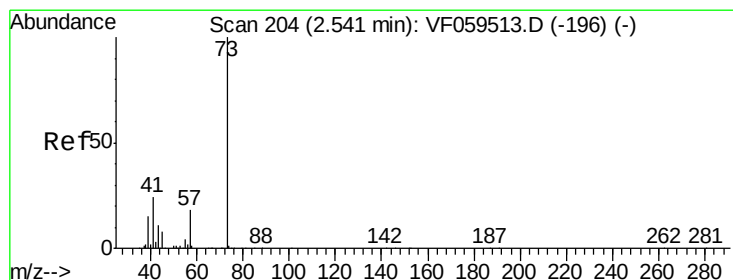
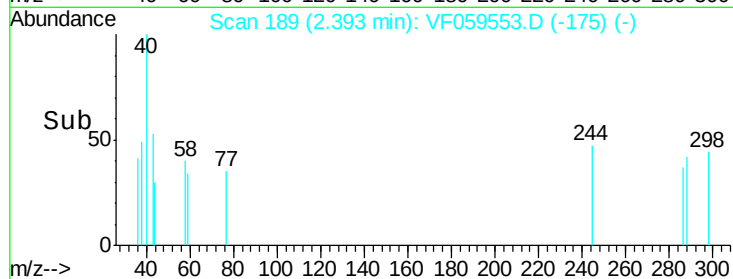
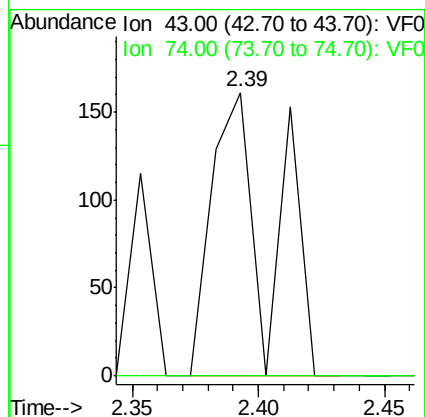
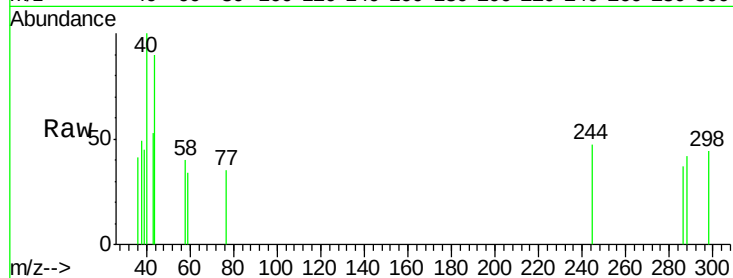




#18
Methyl Acetate
Concen: 712.64 ug/l
RT: 2.39 min Scan# 189
Delta R.T. -0.06 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

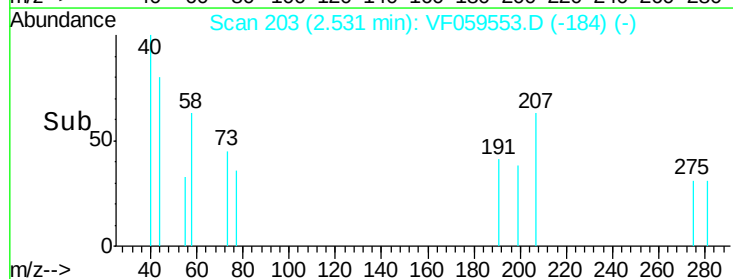
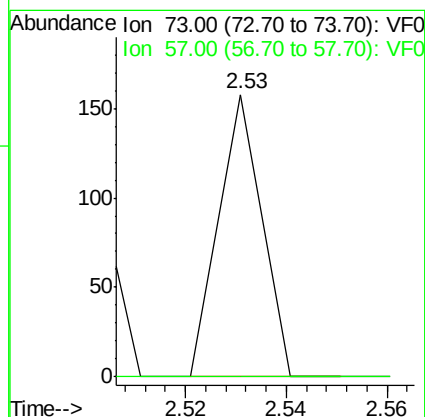
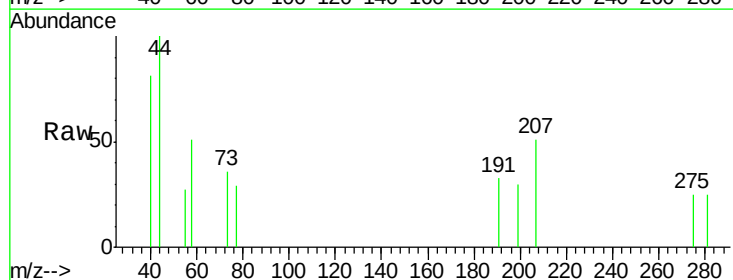
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-03-0-2

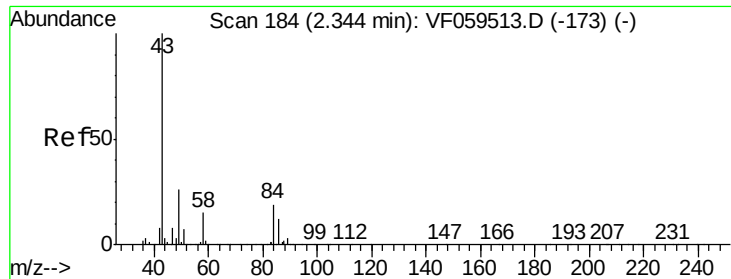
Tot Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
74 0.0 10.6 15.8#



#19
Methyl tert-butyl Ether
Concen: 48.36 ug/l
RT: 2.53 min Scan# 203
Delta R.T. -0.01 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

Tgt Ion: 73 Resp: 93
Ion Ratio Lower Upper
73 100
57 141.8 14.3 21.5#

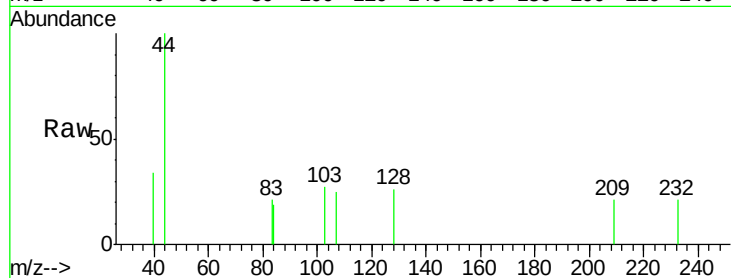




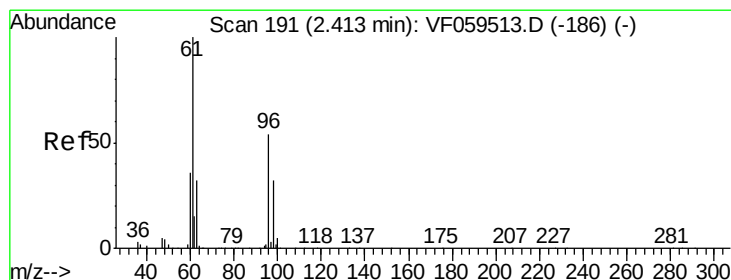
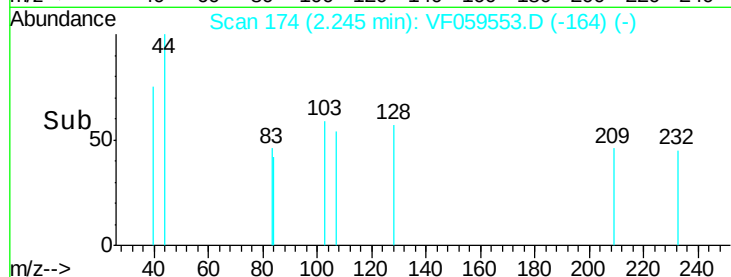
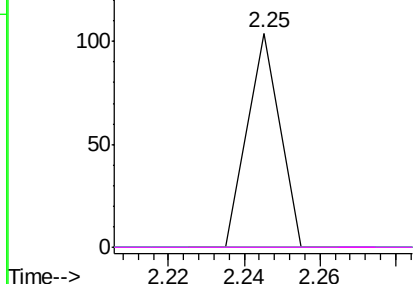
#20
Methylene Chloride
Concen: 111.67 ug/l
RT: 2.25 min Scan# 174
Delta R.T. -0.10 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-03-0-2

Tot Ion: 84 Resp: 61
Ion Ratio Lower Upper
84 100
49 0.0 109.4 164.2#
51 0.0 30.5 45.7#
86 0.0 47.6 71.4#

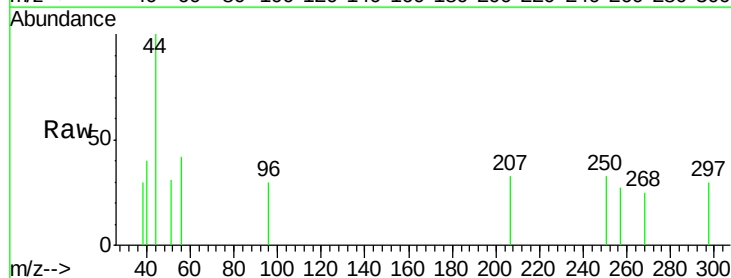


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

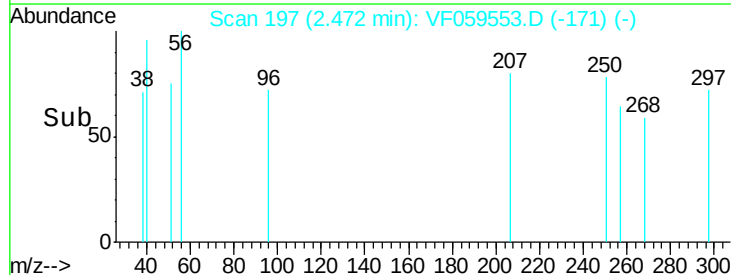
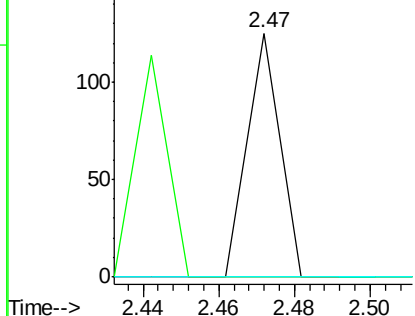


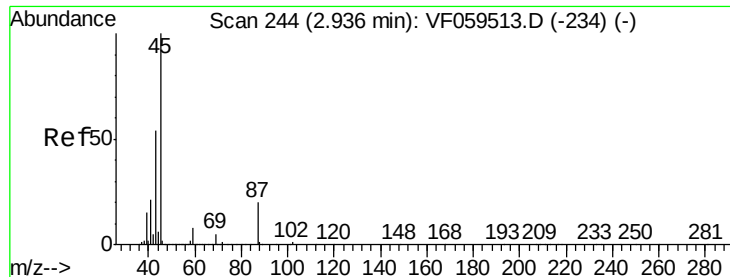
#21
trans-1,2-Dichloroethene
Concen: 130.55 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.06 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

Tgt Ion: 96 Resp: 74
Ion Ratio Lower Upper
96 100
61 0.0 149.8 224.8#
98 0.0 47.8 71.8#



Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0





#22

Diisopropyl ether

Concen: 73.94 ug/l

RT: 3.02 min Scan# 253

Delta R.T. 0.09 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-03-0-2

Tot Ion: 45 Resp: 159

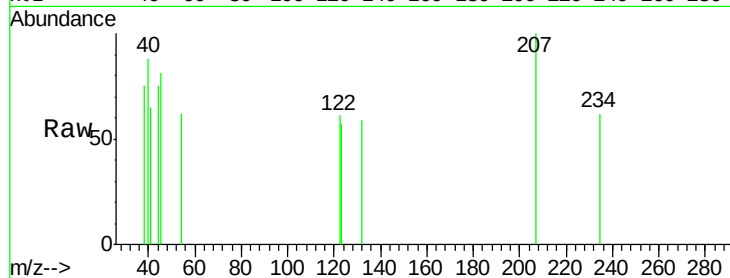
Ion Ratio Lower Upper

45 100

43 0.0 43.6 65.4#

87 0.0 15.6 23.4#

59 0.0 6.4 9.6#

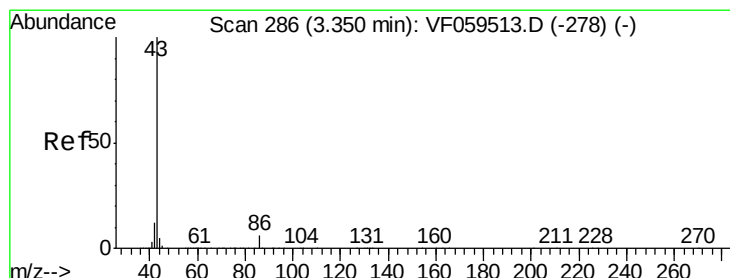
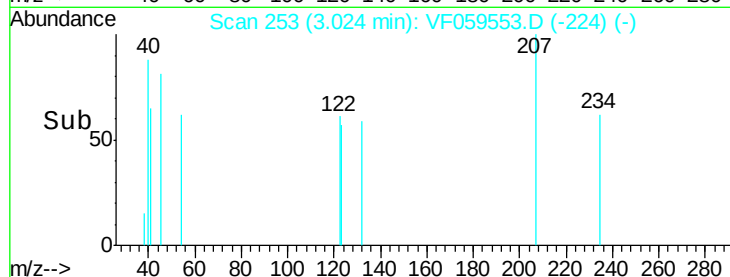
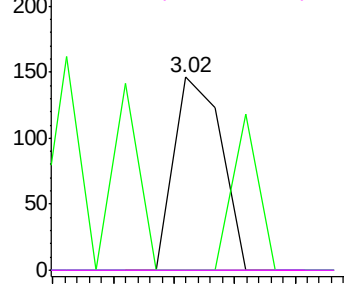


Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



#23

Vinyl Acetate

Concen: 70.83 ug/l

RT: 3.38 min Scan# 289

Delta R.T. 0.03 min

Lab File: VF059553.D

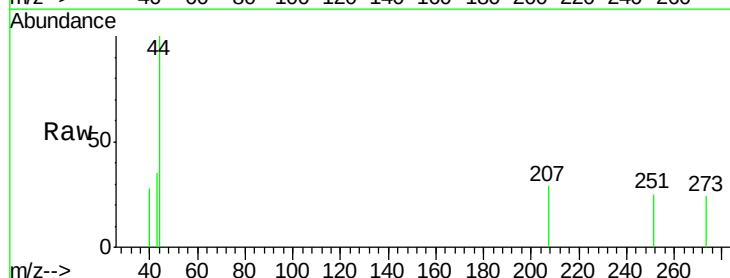
Acq: 19 Jul 2018 11:35

Tgt Ion: 43 Resp: 89

Ion Ratio Lower Upper

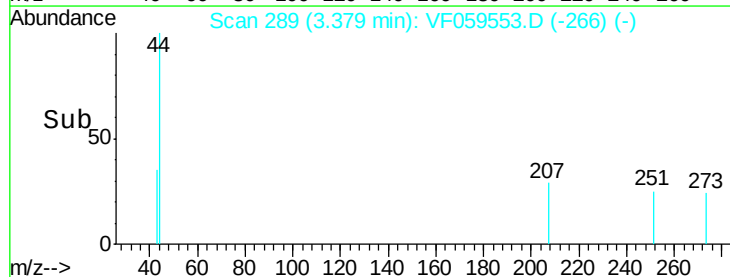
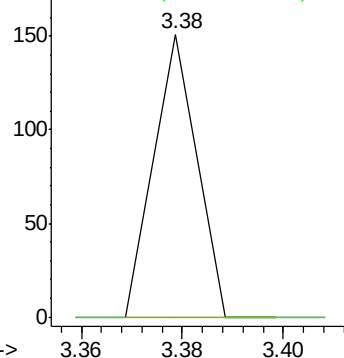
43 100

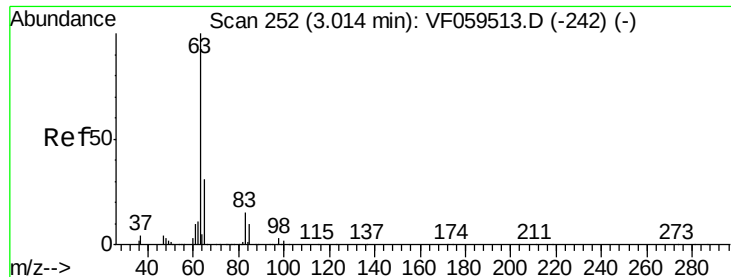
86 0.0 4.4 6.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#24

1,1-Dichloroethane

Concen: 61.75 ug/l

RT: 3.13 min Scan# 264

Delta R.T. 0.12 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

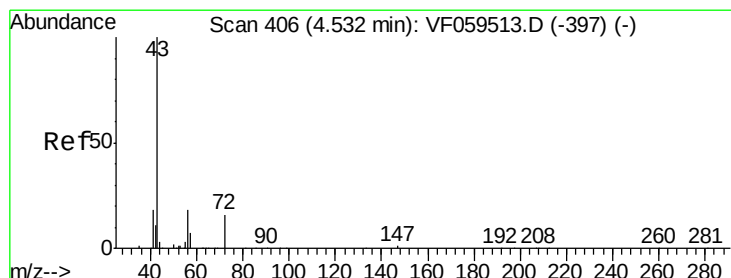
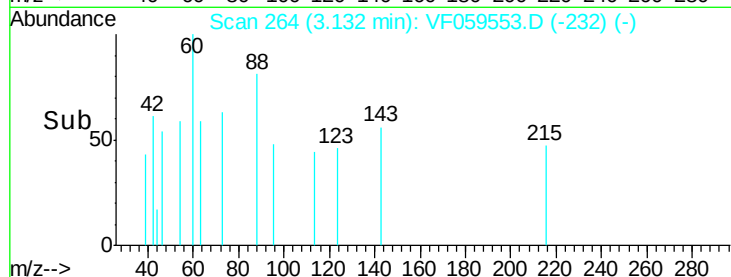
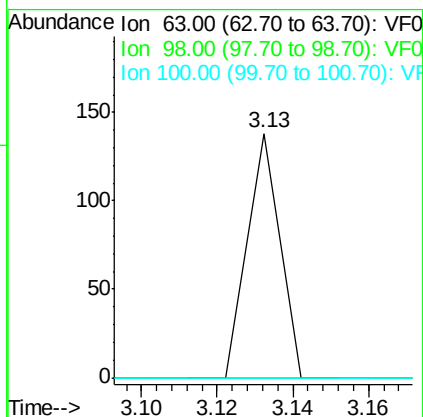
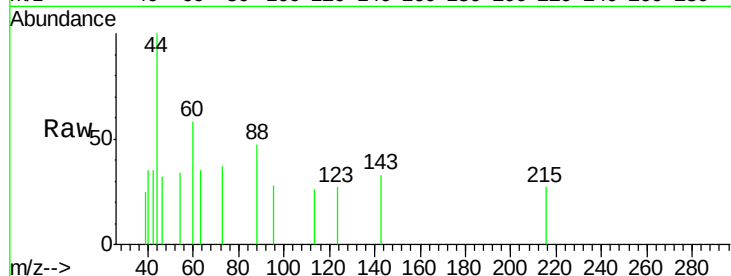
Instrument :

MSVOA_F

ClientSampleId :

CON-SB-03-0-2

Tot Ion:	63	Resp:	82
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.4#
100	0.0	1.3	3.8#



#25

2-Butanone

Concen: 358.00 ug/l

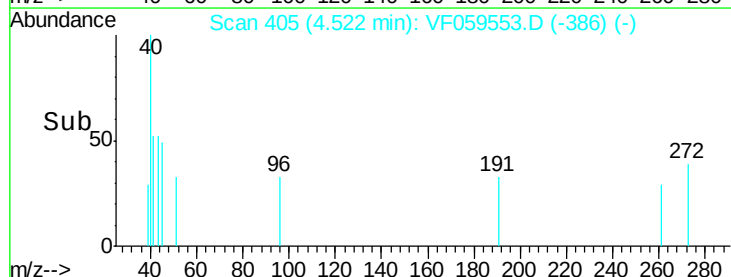
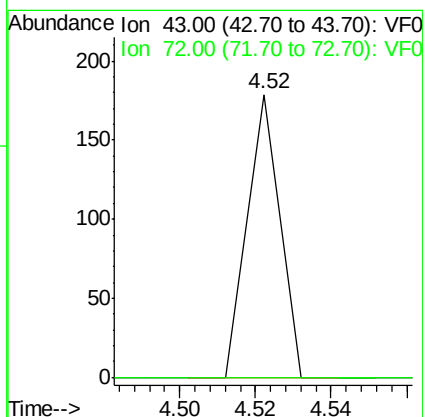
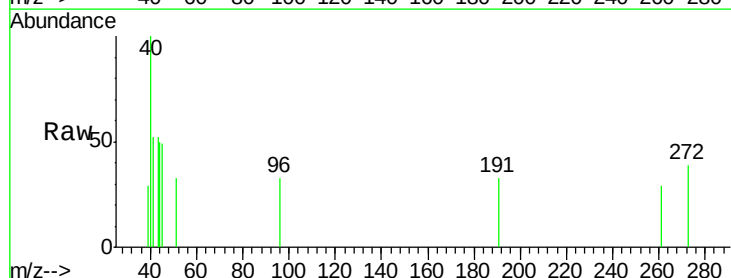
RT: 4.52 min Scan# 405

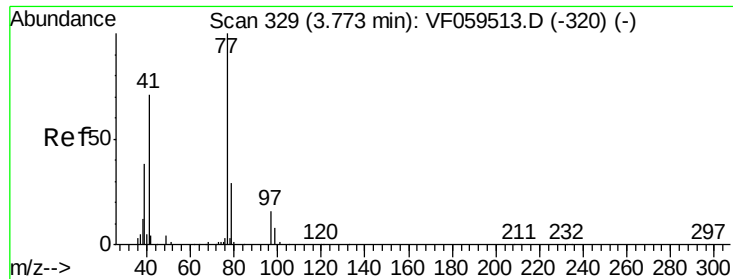
Delta R.T. -0.01 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Tgt Ion:	43	Resp:	106
Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#

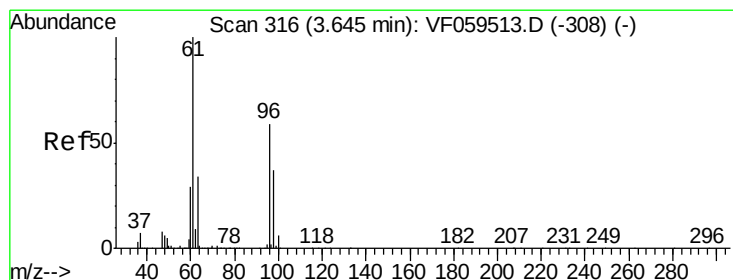
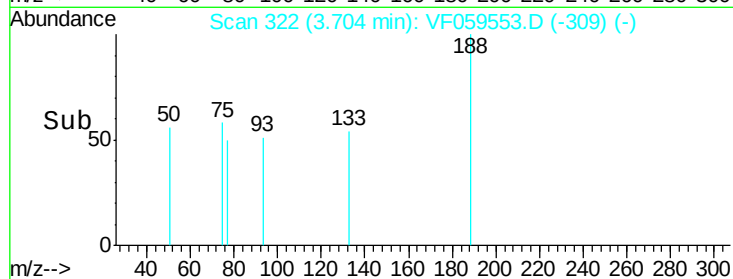
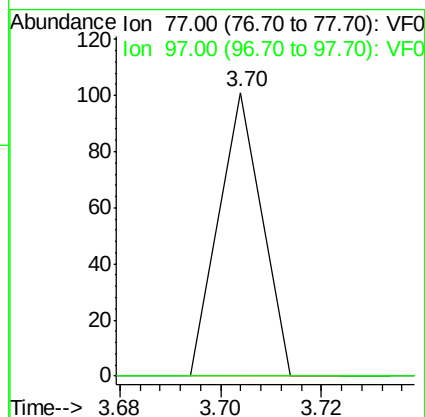
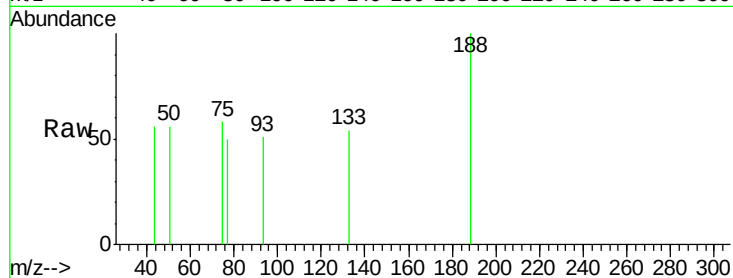




#26
2,2-Dichloropropane
Concen: 68.30 ug/l
RT: 3.70 min Scan# 322
Delta R.T. -0.07 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

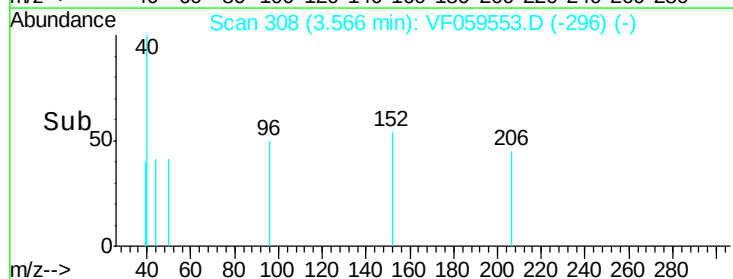
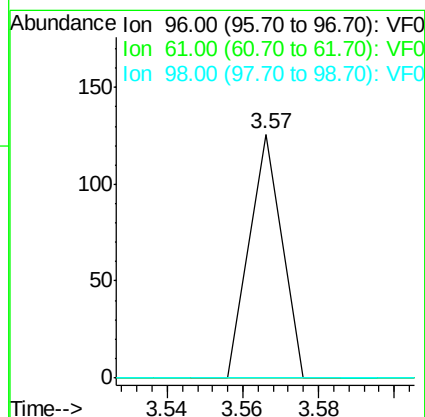
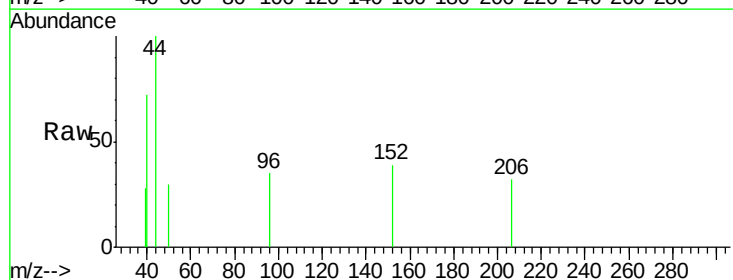
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-03-0-2

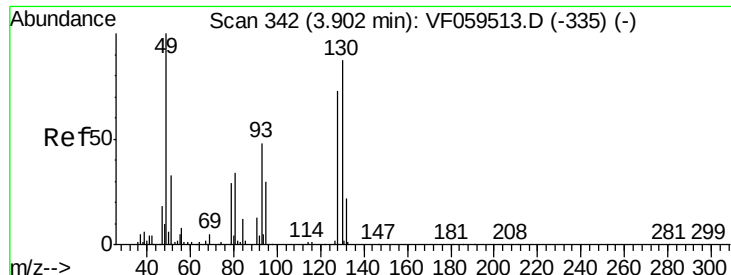
Tot Ion: 77 Resp: 60
Ion Ratio Lower Upper
77 100
97 0.0 8.1 24.3#



#27
cis-1,2-Dichloroethene
Concen: 113.69 ug/l
RT: 3.57 min Scan# 308
Delta R.T. -0.08 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

Tgt Ion: 96 Resp: 75
Ion Ratio Lower Upper
96 100
61 0.0 0.0 339.0
98 0.0 0.0 125.4





#28

Bromochloromethane

Concen: 160.82 ug/l

RT: 3.97 min Scan# 349

Delta R.T. 0.07 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-03-0-2

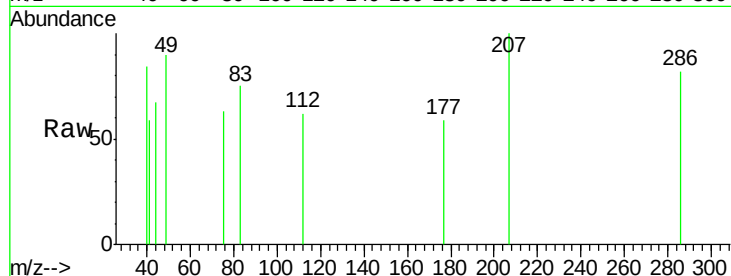
Tot Ion: 49 Resp: 94

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

130 0.0 69.8 104.6#



Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): VF0

Ion 130.00 (129.70 to 130.70): VF0

3.97

150

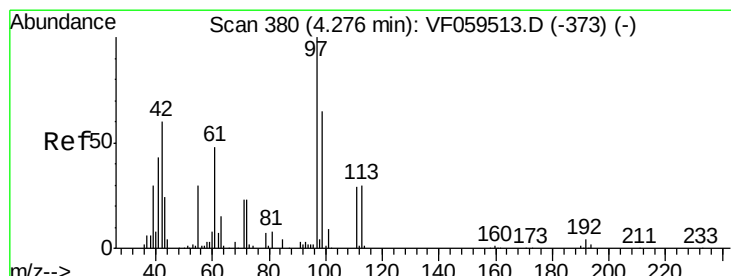
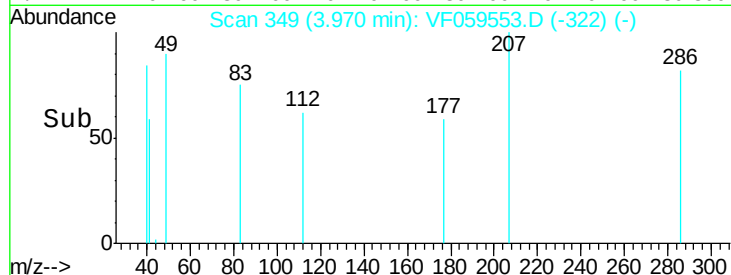
100

50

0

3.94 3.96 3.98 4.00

Time-->



#29

Tetrahydrofuran

Concen: 1174.63 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

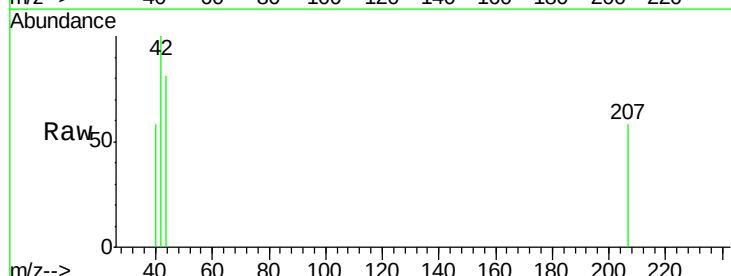
Tgt Ion: 42 Resp: 132

Ion Ratio Lower Upper

42 100

72 0.0 28.7 43.1#

71 0.0 30.8 46.2#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

4.28

300

250

200

150

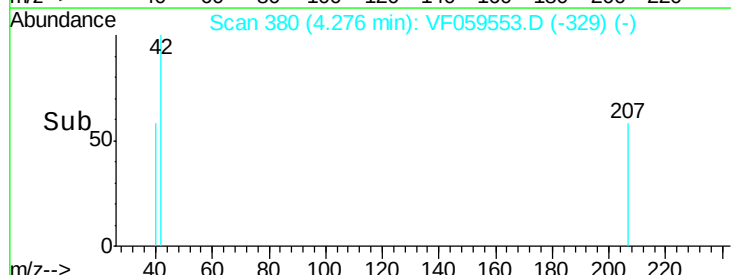
100

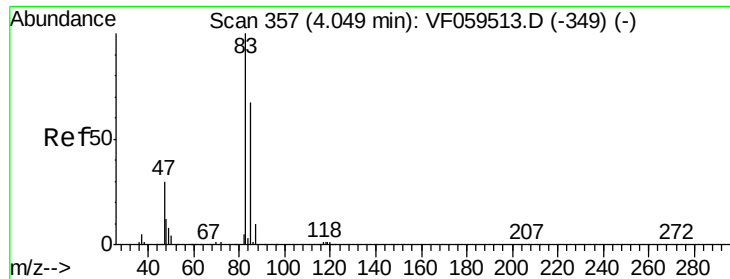
50

0

4.24 4.26 4.28 4.30

Time-->

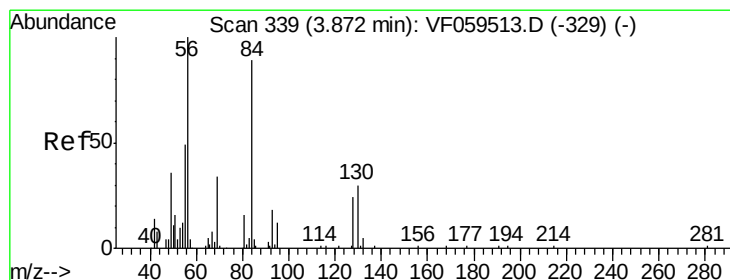
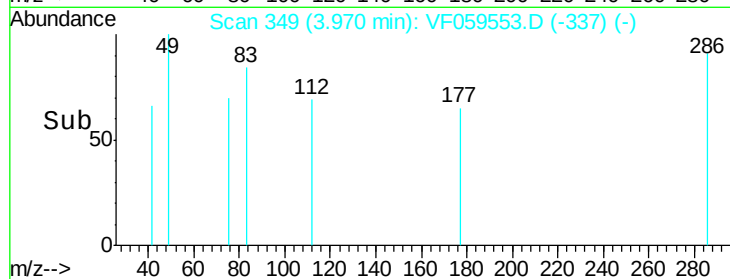
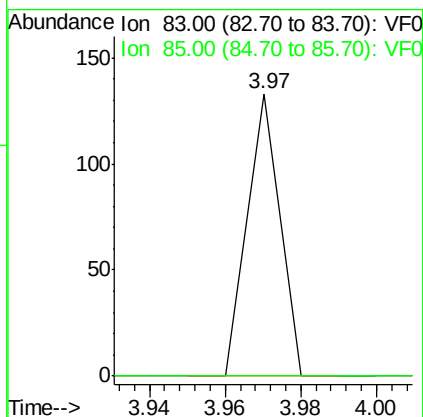
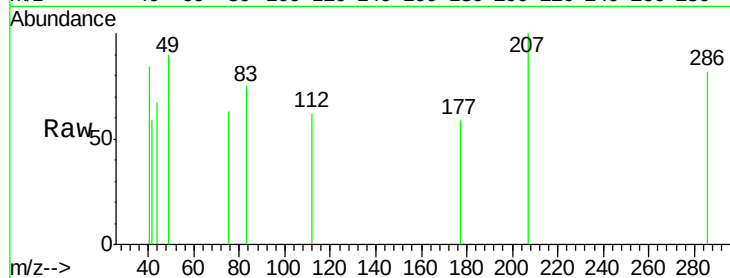




#30
Chloroform
Concen: 41.18 ug/l
RT: 3.97 min Scan# 349
Delta R.T. -0.08 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

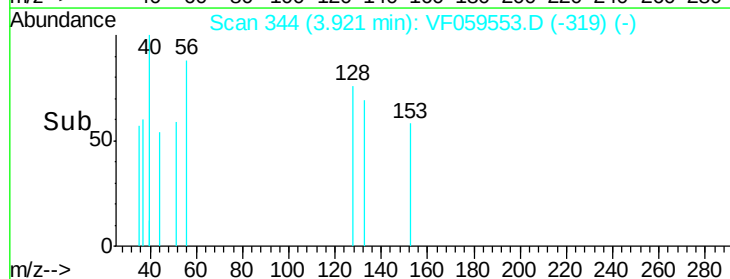
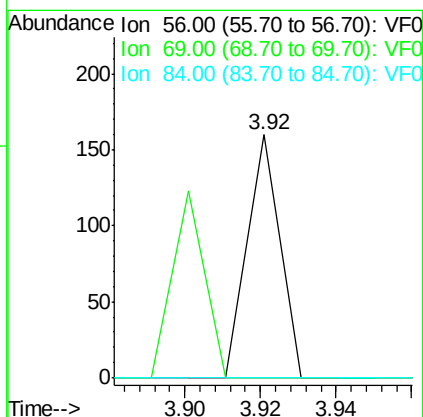
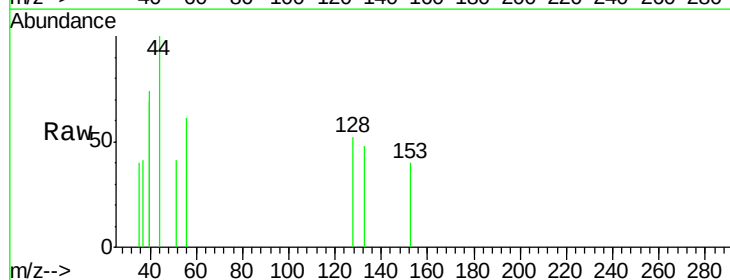
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-03-0-2

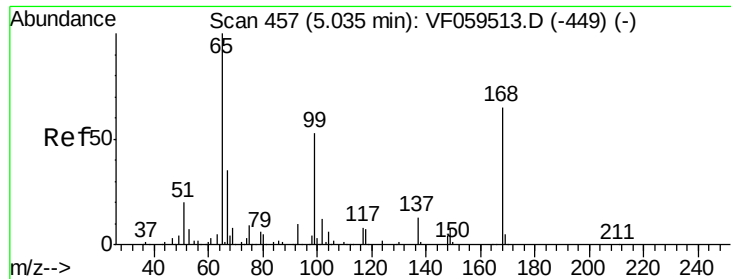
Tot Ion: 83 Resp: 79
Ion Ratio Lower Upper
83 100
85 0.0 53.2 79.8#



#31
Cyclohexane
Concen: 138.12 ug/l
RT: 3.92 min Scan# 344
Delta R.T. 0.05 min
Lab File: VF059553.D
Acq: 19 Jul 2018 11:35

Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
69 0.0 27.6 41.4#
84 0.0 71.4 107.2#

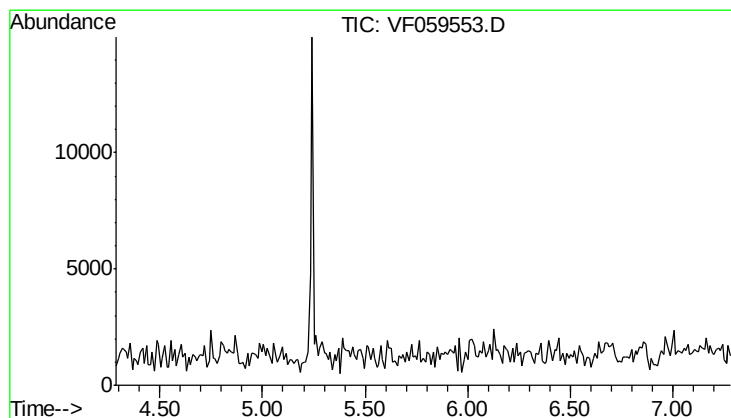
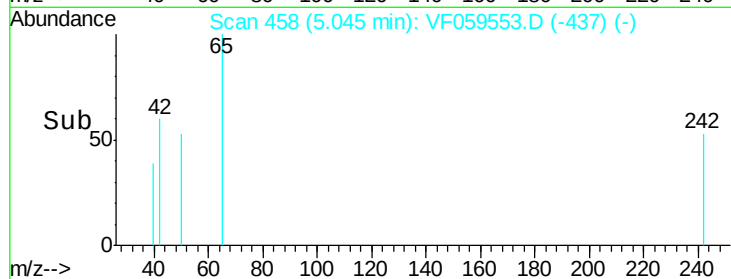
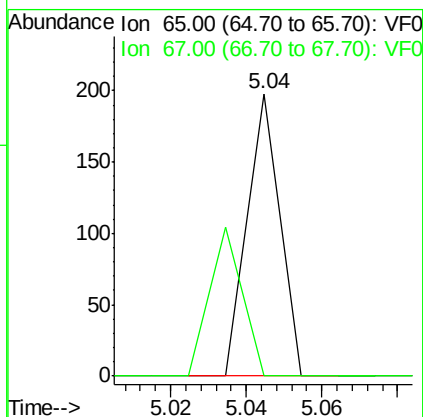
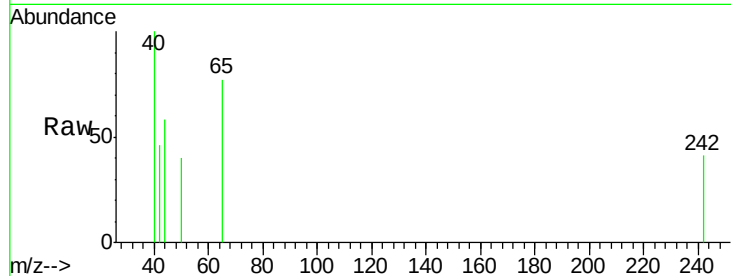




#33
 1,2-Dichloroethane-d4
 Concen: 91.74 ug/l
 RT: 5.04 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: VF059553.D
 Acq: 19 Jul 2018 11:35

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-03-0-2

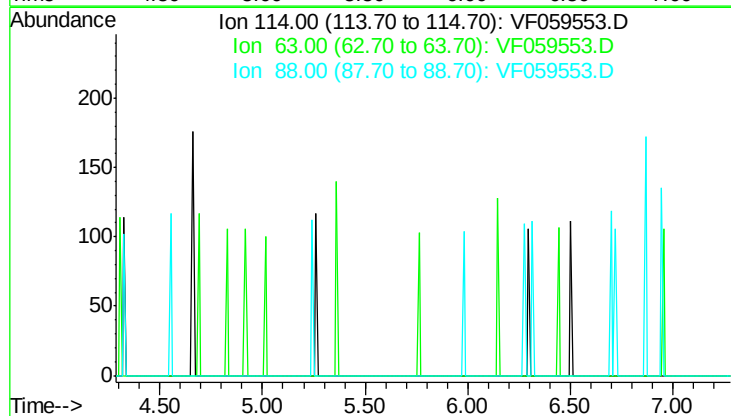
Tot Ion: 65 Resp: 117
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 91.2

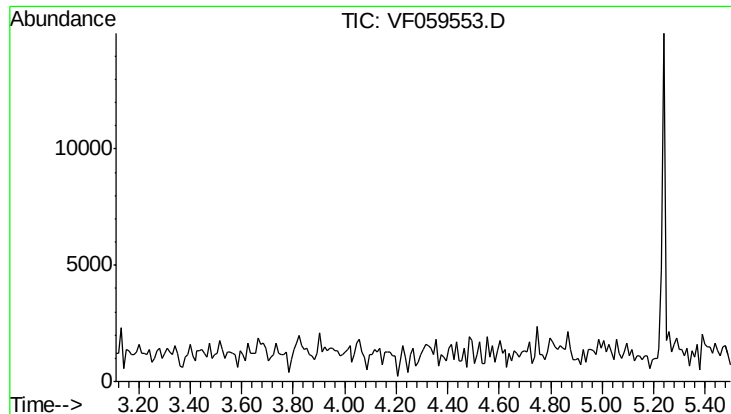


#34
 1,4-Difluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 5.78 min

Lab File: VF059553.D
 Acq: 19 Jul 2018 11:35

Tgt Ion: 114
 Sig Exp Ratio
 114 100
 63 22.4
 88 21.3

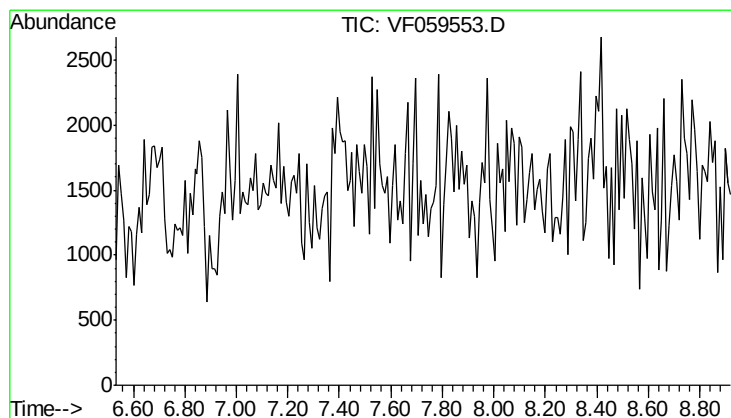
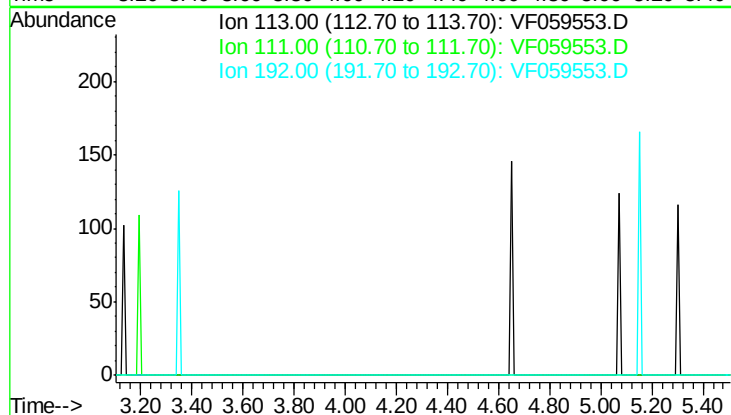




#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 4.31 min
 Lab File: VF059553.D
 Acq: 19 Jul 2018 11:35

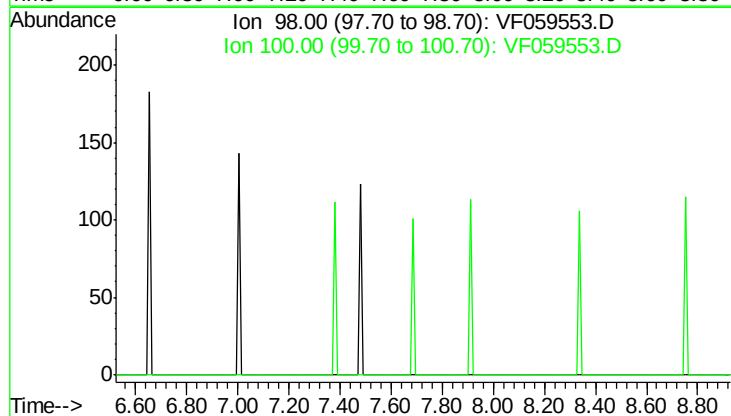
Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-03-0-2

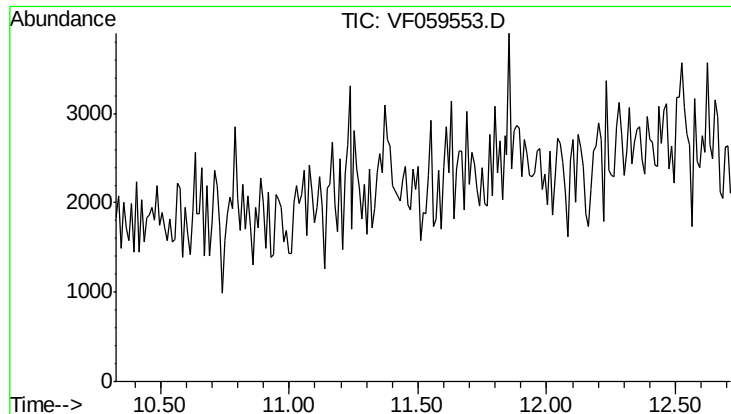
Tot Ion	113
Sig	Exp Ratio
113	100
111	100.4
192	16.4



#50
 Toluene-d8
 Concen: 0.00 ug/l
 Expected RT: 7.73 min
 Lab File: VF059553.D
 Acq: 19 Jul 2018 11:35

Tgt Ion	98
Sig	Exp Ratio
98	100
100	63.6

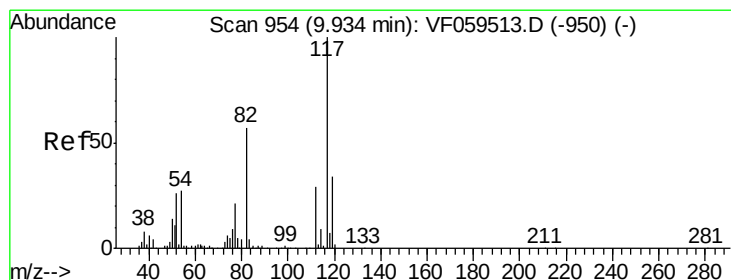
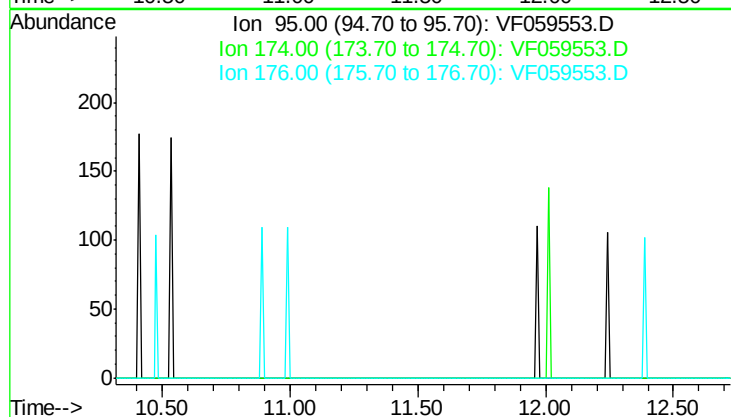




#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 11.52 min
 Lab File: VF059553.D
 Acq: 19 Jul 2018 11:35

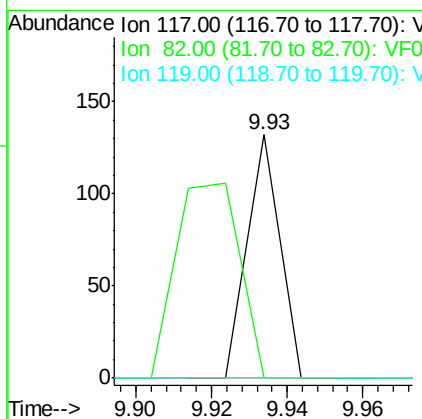
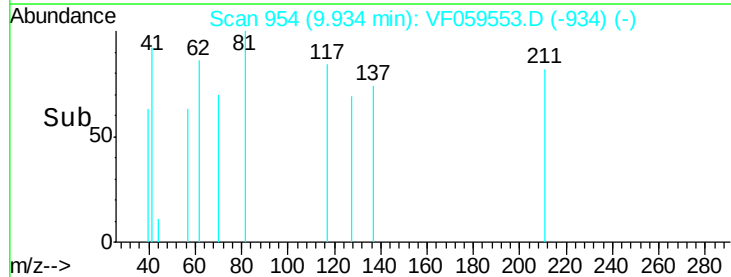
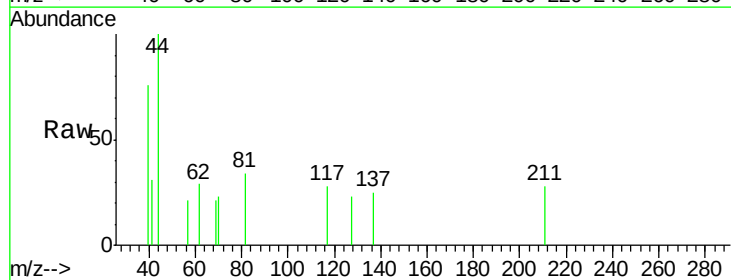
Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-03-0-2

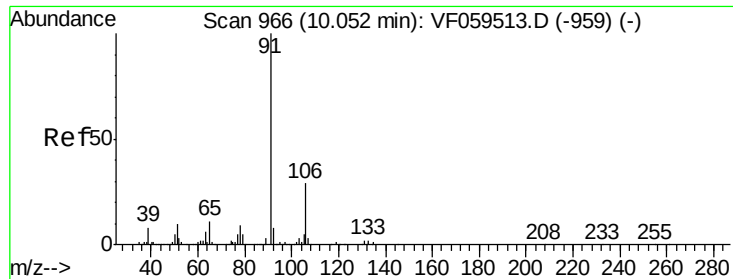
Tot Ion	95
Sig	Exp Ratio
95	100
174	87.2
176	84.7



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.93 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: VF059553.D
 Acq: 19 Jul 2018 11:35

Tgt Ion	117	Resp	78
Ion Ratio	Lower	Upper	
117	100		
82	0.0	46.1	69.1#
119	0.0	27.2	40.8#





#67

Ethyl Benzene

Concen: 28.04 ug/l

RT: 9.89 min Scan# 950

Delta R.T. -0.16 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

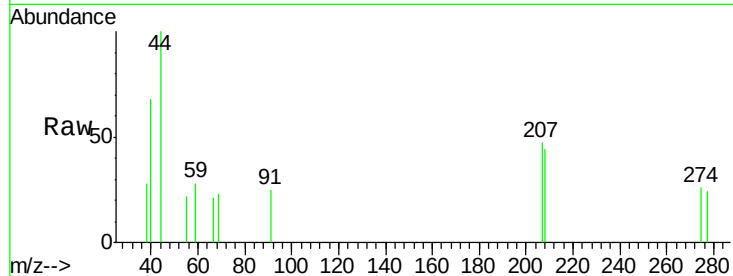
CON-SB-03-0-2

Tot Ion: 91.00 Resp: 73

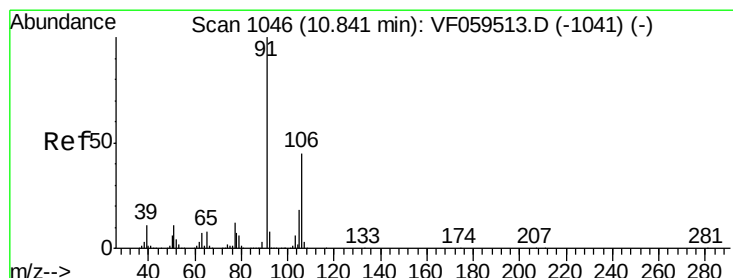
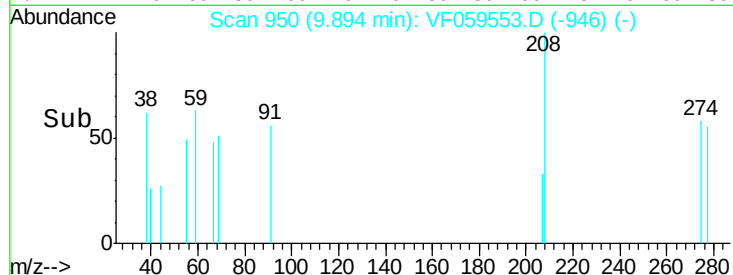
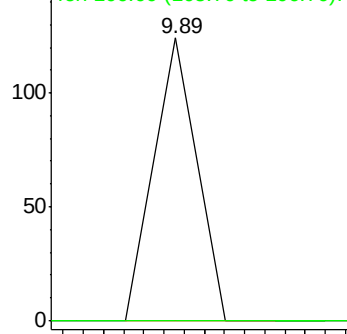
Ion Ratio Lower Upper

91 100

106 0.0 23.4 35.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 106.27 ug/l

RT: 10.69 min Scan# 1031

Delta R.T. -0.15 min

Lab File: VF059553.D

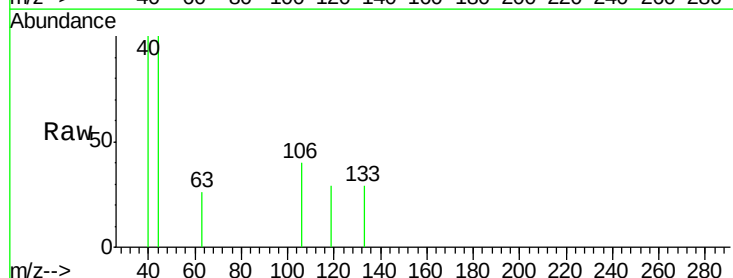
Acq: 19 Jul 2018 11:35

Tgt Ion: 106 Resp: 104

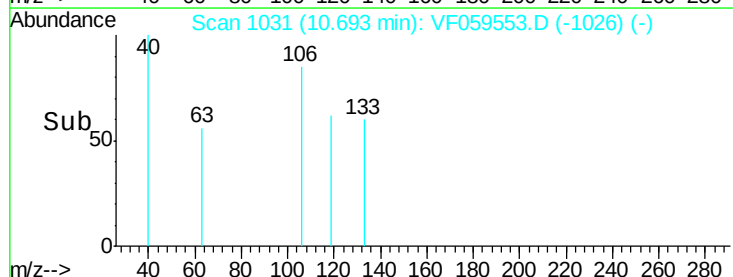
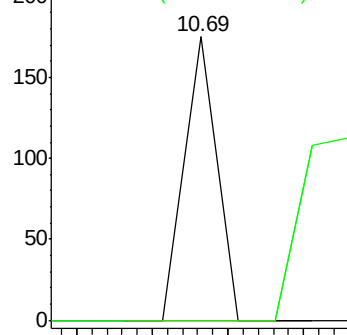
Ion Ratio Lower Upper

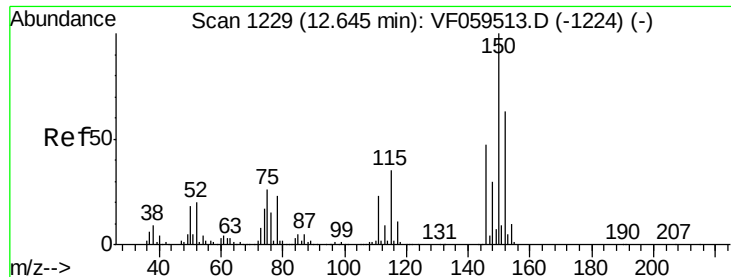
106 100

91 0.0 112.3 336.9#



Abundance Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.66 min Scan# 1231

Delta R.T. 0.02 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-03-0-2

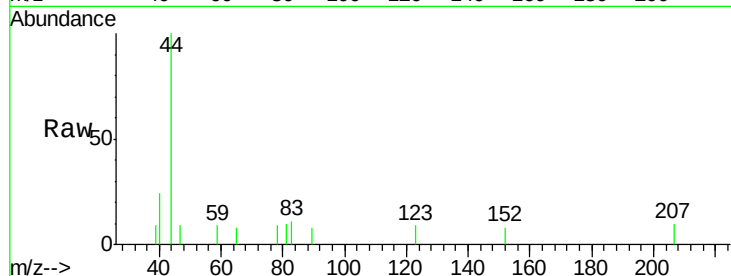
Tot Ion:152 Resp: 62

Ion Ratio Lower Upper

152 100

115 0.0 27.8 83.3#

150 0.0 0.0 318.4

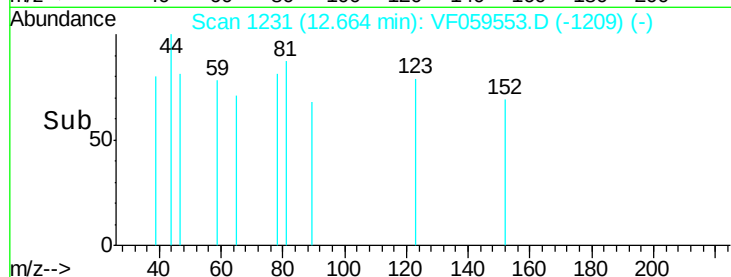


Abundance Ion 152.00 (151.70 to 152.70): V

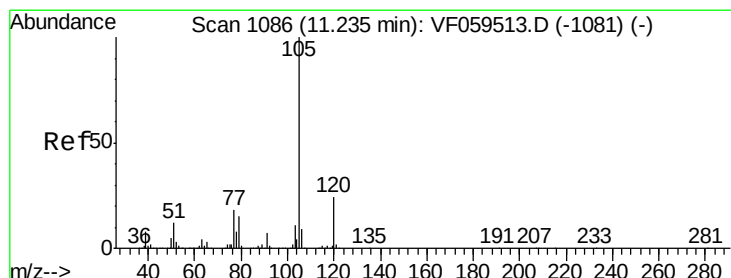
Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

12.66



Time-->



#73

Isopropylbenzene

Concen: 17.89 ug/l

RT: 11.23 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VF059553.D

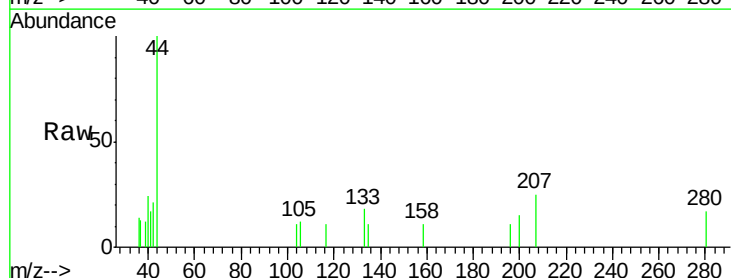
Acq: 19 Jul 2018 11:35

Tgt Ion:105 Resp: 70

Ion Ratio Lower Upper

105 100

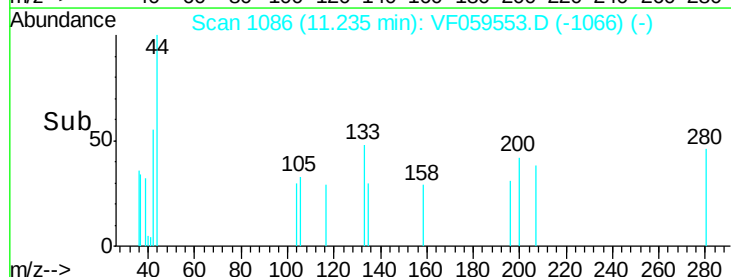
120 0.0 12.0 36.0#



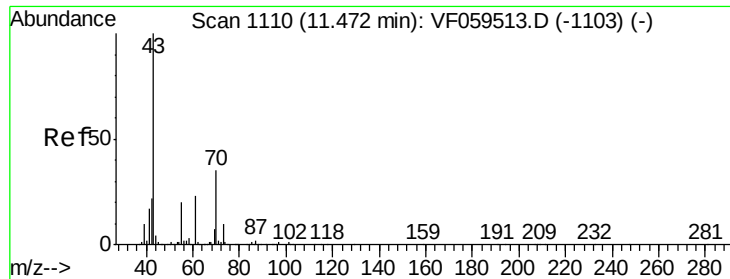
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.23



Time-->



#74

N-amvl acetate

Concen: 134.08 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-03-0-2

Tot Ion: 43 Resp: 168

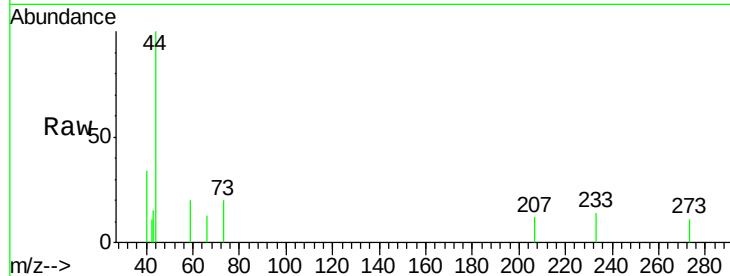
Ion Ratio Lower Upper

43 100

70 0.0 27.9 41.9#

55 0.0 16.2 24.2#

61 0.0 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

250

200

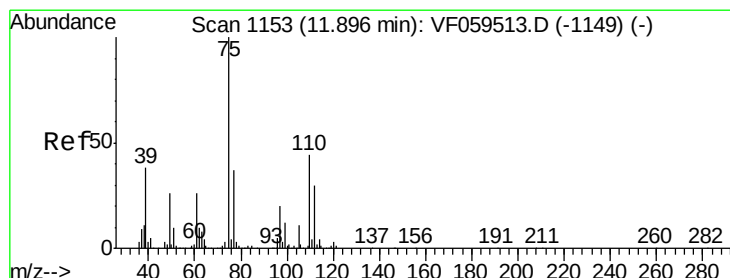
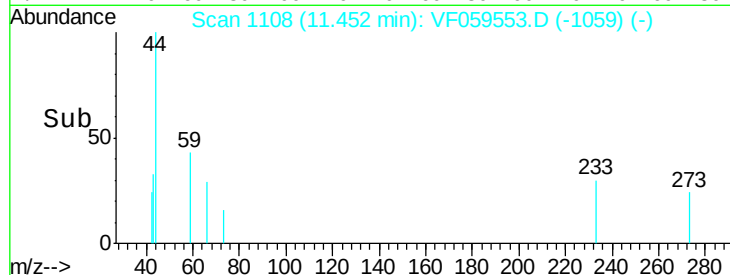
150

100

50

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 97.59 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.11 min

Lab File: VF059553.D

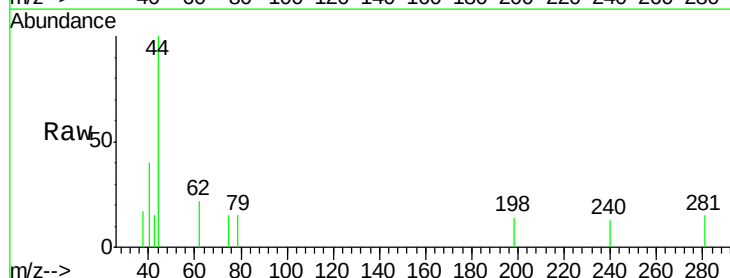
Acq: 19 Jul 2018 11:35

Tgt Ion: 75 Resp: 68

Ion Ratio Lower Upper

75 100

77 0.0 18.7 56.1#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

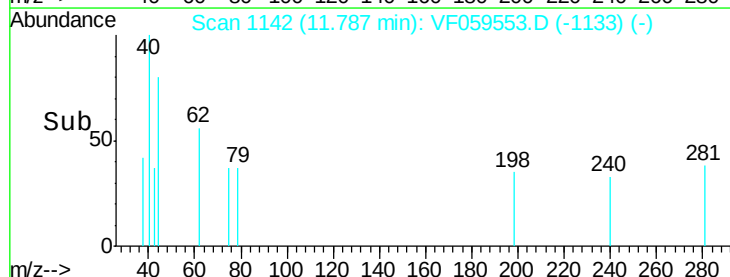
150

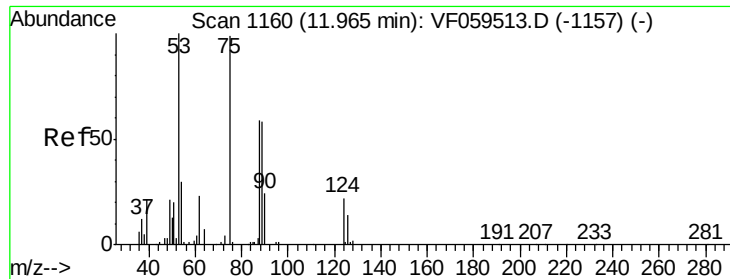
100

50

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 188.50 ug/l

RT: 12.02 min Scan# 1166

Delta R.T. 0.06 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-03-0-2

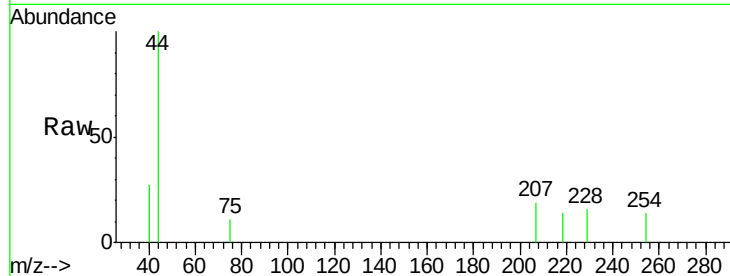
Tot Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

53 0.0 84.6 127.0#

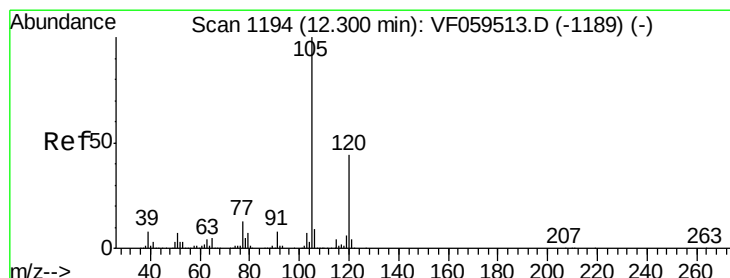
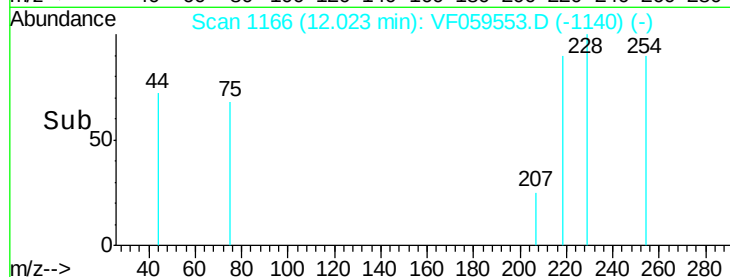
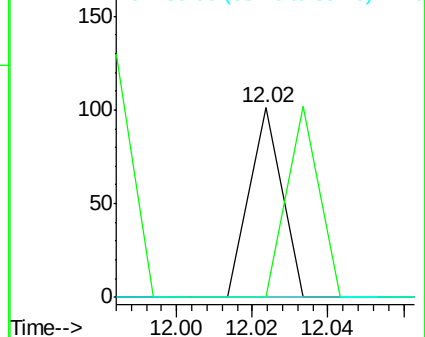
89 0.0 48.2 72.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#84

1,2,4-Trimethylbenzene

Concen: 23.13 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. -0.10 min

Lab File: VF059553.D

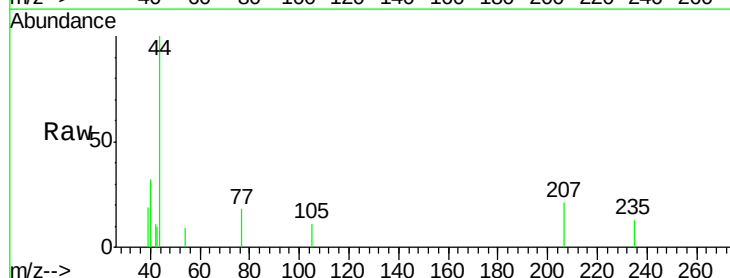
Acq: 19 Jul 2018 11:35

Tgt Ion:105 Resp: 78

Ion Ratio Lower Upper

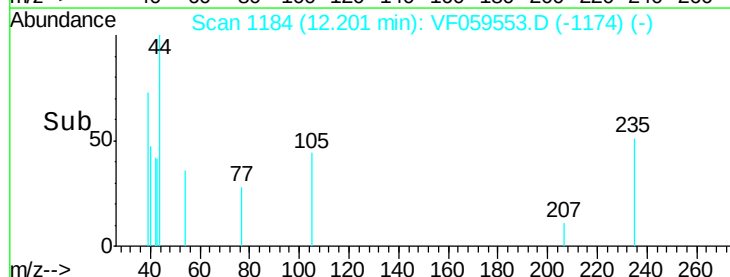
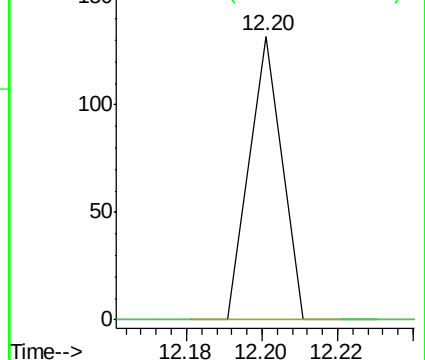
105 100

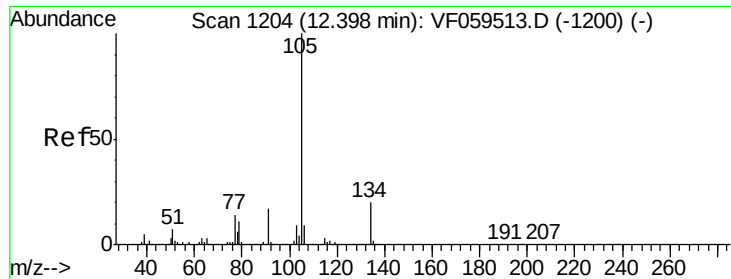
120 0.0 22.5 67.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.49 ug/l

RT: 12.47 min Scan# 1211

Delta R.T. 0.07 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

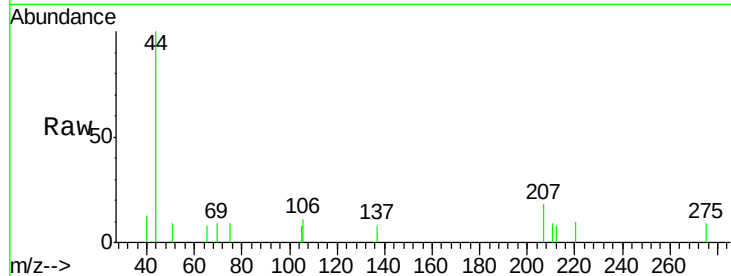
CON-SB-03-0-2

Tot Ion:105 Resp: 66

Ion Ratio Lower Upper

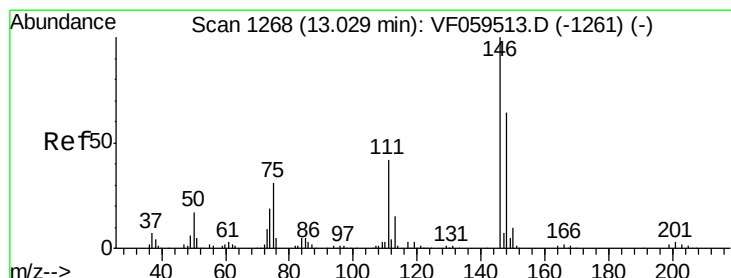
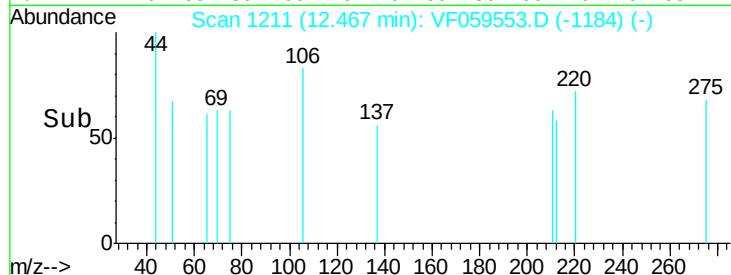
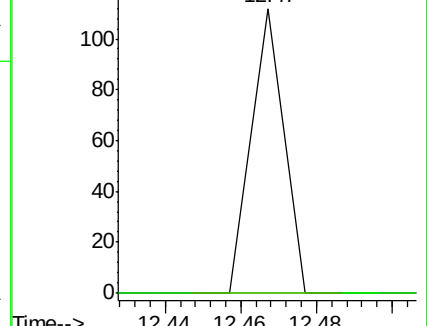
105 100

134 0.0 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 33.35 ug/l

RT: 12.89 min Scan# 1254

Delta R.T. -0.14 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

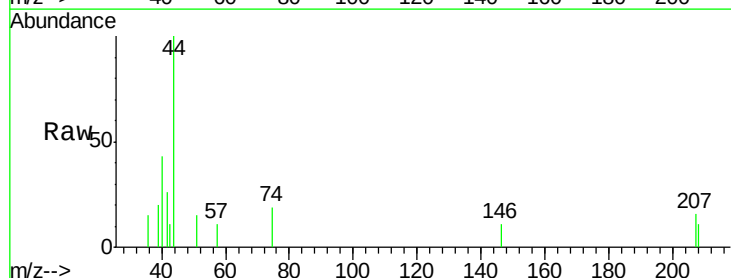
Tgt Ion:146 Resp: 60

Ion Ratio Lower Upper

146 100

111 0.0 21.1 63.1#

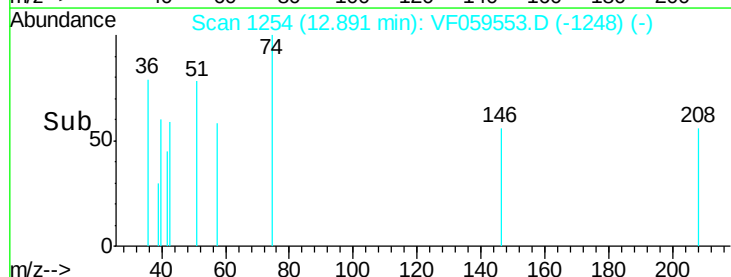
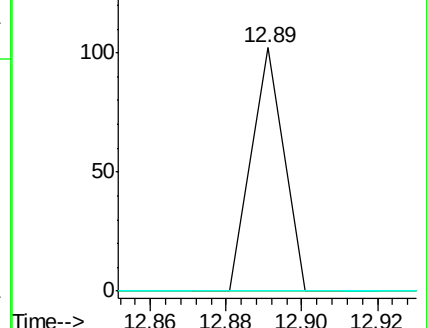
148 0.0 32.3 96.8#

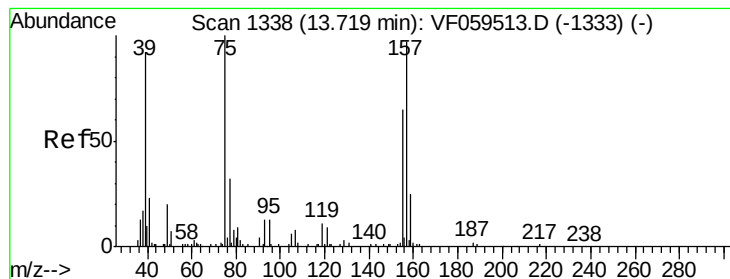


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 631.08 ug/l

RT: 13.72 min Scan# 1338

Delta R.T. -0.00 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-03-0-2

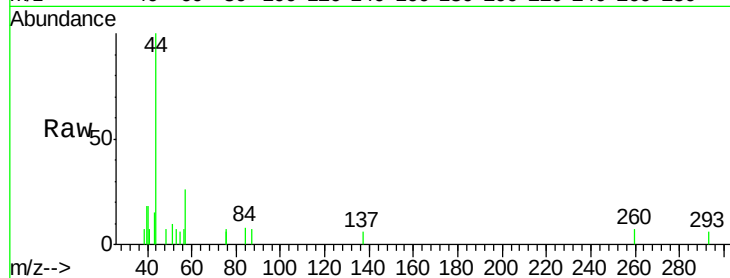
Tot Ion: 75 Resp: 122

Ion Ratio Lower Upper

75 100

155 0.0 32.8 98.3#

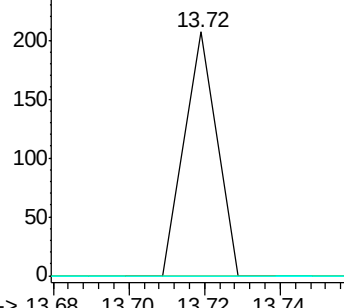
157 0.0 48.5 145.5#



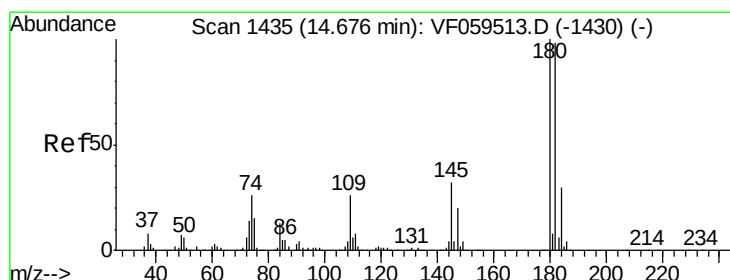
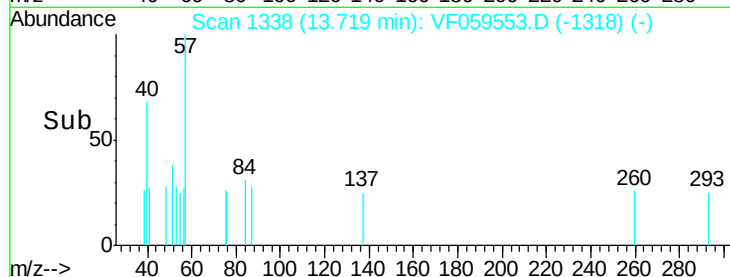
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



Time--> 13.68 13.70 13.72 13.74



#96

1,2,3-Trichlorobenzene

Concen: 60.74 ug/l

RT: 14.67 min Scan# 1434

Delta R.T. -0.01 min

Lab File: VF059553.D

Acq: 19 Jul 2018 11:35

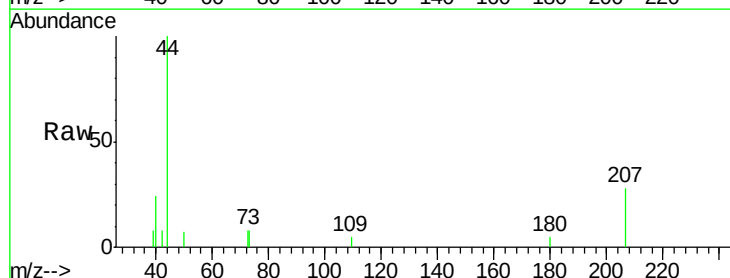
Tgt Ion: 180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 48.8 146.4#

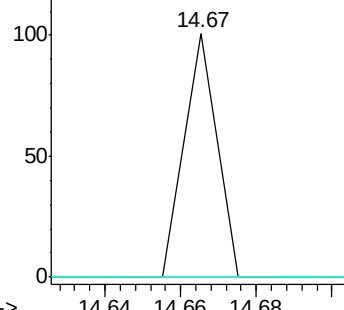
145 0.0 16.2 48.6#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



Time--> 14.64 14.66 14.68

