

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062118\
 Data File : VF059276.D
 Acq On : 21 Jun 2018 22:46
 Operator : VA/AP
 Sample : J3570-03RE
 Misc : 5.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 22 07:08:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	32147	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	46144	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	38729	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	18993	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	15408	33.39	ug/l	-0.01
Spiked Amount 50.000			Recovery =	66.78%		
35) Dibromofluoromethane	4.28	113	84	0.22	ug/l	-0.01
Spiked Amount 50.000			Recovery =	0.44%		
50) Toluene-d8	7.69	98	42390	42.93	ug/l	-0.01
Spiked Amount 50.000			Recovery =	85.86%		
62) 4-Bromofluorobenzene	11.50	95	21644	39.53	ug/l	-0.01
Spiked Amount 50.000			Recovery =	79.06%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	383	1.62	ug/l #	40
5) Bromomethane	1.31	94	504	4.43	ug/l	85
8) Diethyl Ether	1.75	74	138	1.34	ug/l	80
11) Tert butyl alcohol	2.68	59	96	3.57	ug/l #	70
13) Acrolein	1.99	56	211	2.59	ug/l	97
15) Acrylonitrile	3.15	53	62	Below Cal	#	10
16) Acetone	2.32	43	8689	79.67	ug/l	94
17) Carbon Disulfide	1.84	76	25104	45.36	ug/l	98
18) Methyl Acetate	2.47	43	1395	6.78	ug/l #	66
20) Methylene Chloride	2.32	84	121	Below Cal	#	24
21) trans-1,2-Dichloroethene	2.38	96	238	1.00	ug/l #	1
25) 2-Butanone	4.51	43	1722	11.84	ug/l #	58
29) Tetrahydrofuran	4.26	42	501	7.67	ug/l #	37
41) Methacrylonitrile	4.90	41	255	1.72	ug/l #	23
43) Isopropyl Acetate	7.09	43	518	1.36	ug/l #	71
48) Methyl methacrylate	6.85	41	433	1.80	ug/l #	50
49) 1,4-Dioxane	6.58	88	76	54.52	ug/l #	1
51) 4-Methyl-2-Pentanone	8.39	43	2682	9.90	ug/l	90
56) Ethyl methacrylate	8.76	69	2452	7.00	ug/l	90
58) 2-Chloroethyl Vinyl ether	7.79	63	68	2.43	ug/l	100
59) 2-Hexanone	9.62	43	4707	21.93	ug/l	100
74) N-amyl acetate	11.46	43	3407	7.98	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.75	83	2197	7.16	ug/l #	48
76) 1,2,3-Trichloropropane	11.98	75	473	2.10	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.98	75	473	3.29	ug/l #	49
87) 1,3-Dichlorobenzene	12.55	146	638	1.01	ug/l #	31
88) 1,4-Dichlorobenzene	12.64	146	787	1.26	ug/l #	47
89) n-Butylbenzene	12.92	91	1648	1.31	ug/l #	57
91) 1,2-Dichlorobenzene	13.01	146	670	1.07	ug/l #	53
92) 1,2-Dibromo-3-Chloropropan	13.71	75	342	5.16	ug/l #	40
93) 1,2,4-Trichlorobenzene	14.27	180	626	1.36	ug/l #	81
95) Naphthalene	14.51	128	3407	3.61	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.66	180	1283	2.97	ug/l	72

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Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration

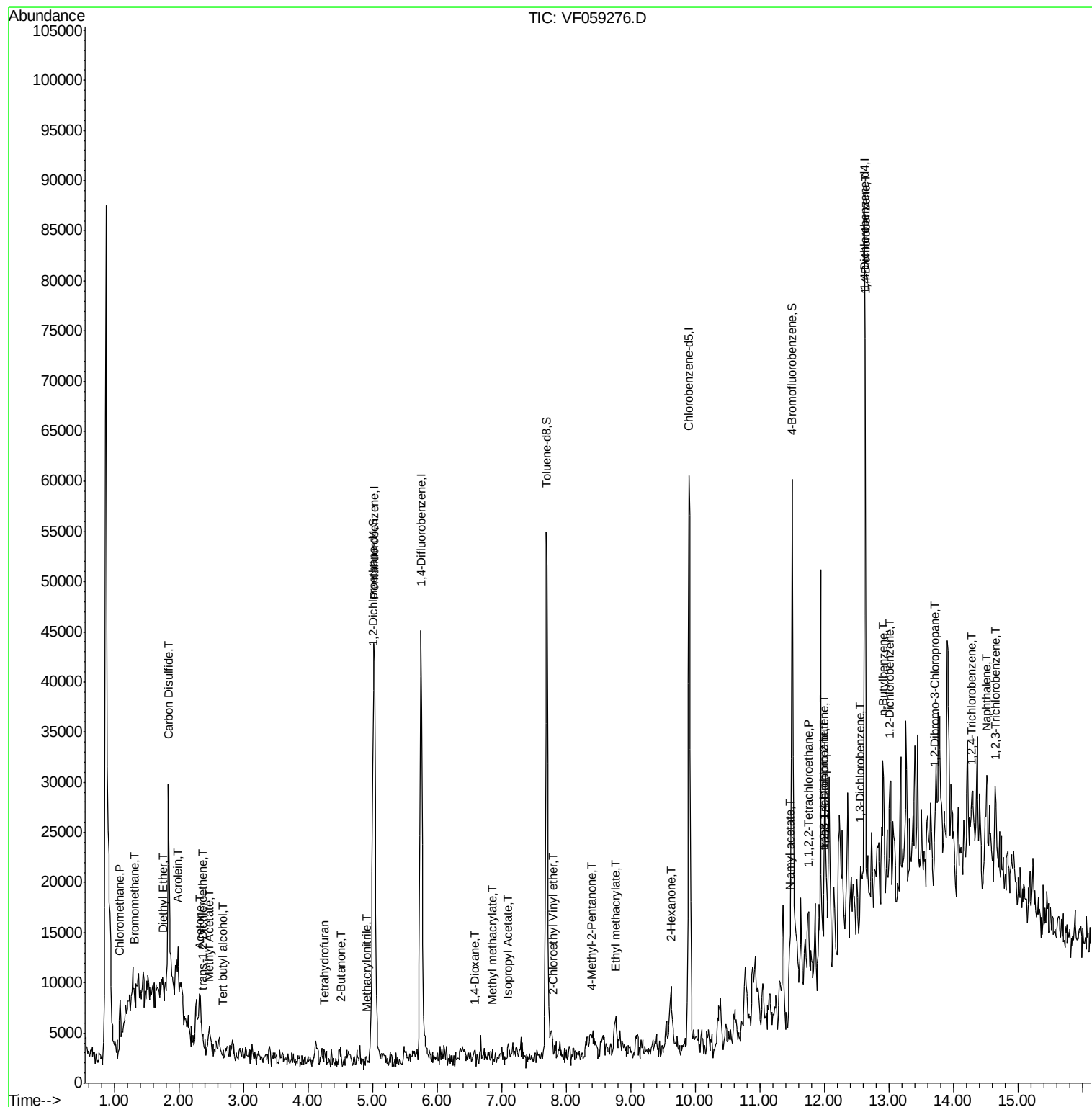
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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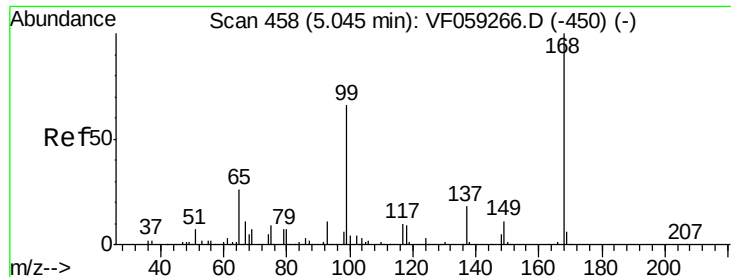
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

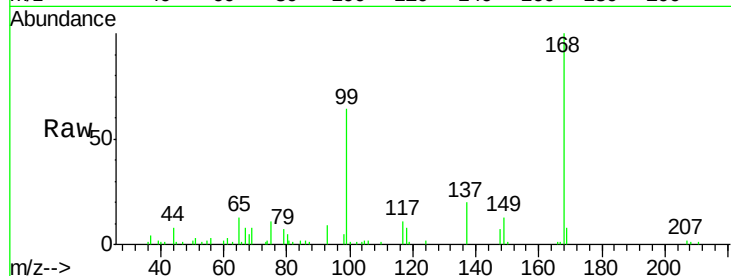
ClientSampleId :

Tot Ion:168 Resp: 32147

Ion Ratio Lower Upper

168 100

99 63.8 52.6 78.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

12000

10000

8000

6000

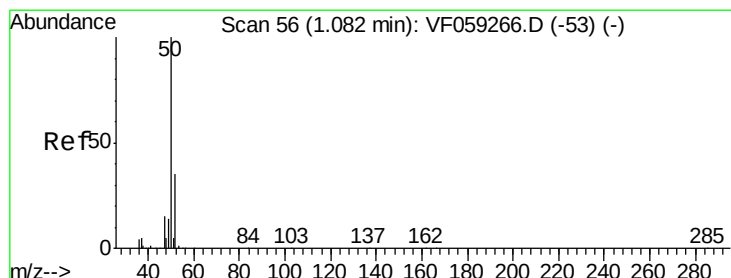
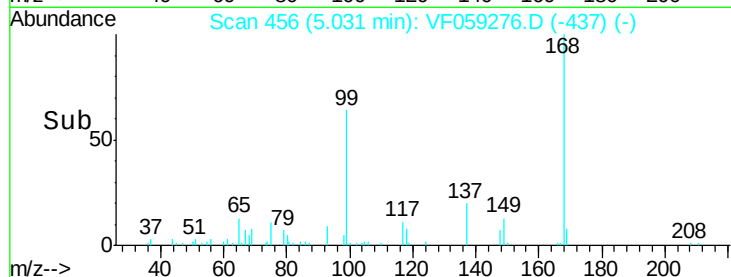
4000

2000

0

Time-->

4.90 5.00 5.10 5.20



#3

Chloromethane

Concen: 1.62 ug/l

RT: 1.09 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF059276.D

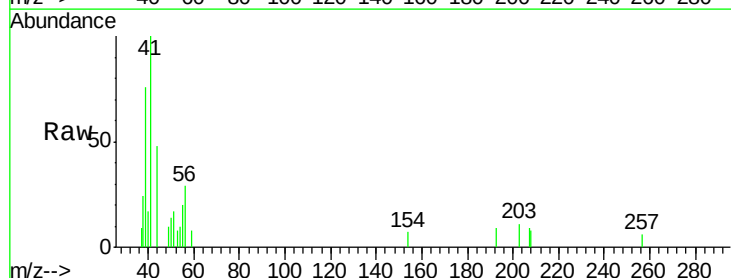
Acq: 21 Jun 2018 22:46

Tgt Ion: 50 Resp: 383

Ion Ratio Lower Upper

50 100

52 0.0 27.7 41.5#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.09

300

250

200

150

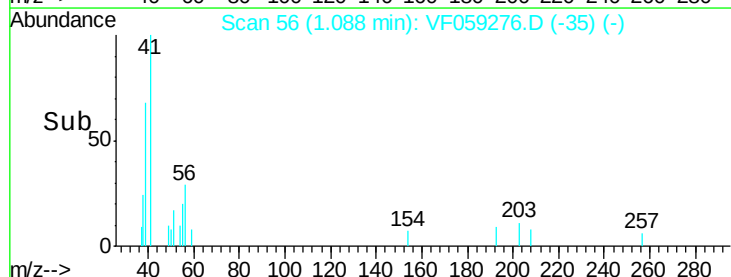
100

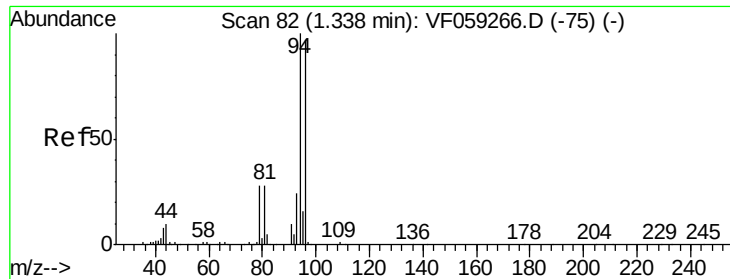
50

0

Time-->

1.05 1.10





#5

Bromomethane

Concen: 4.43 ug/l

RT: 1.31 min Scan# 79

Delta R.T. -0.02 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

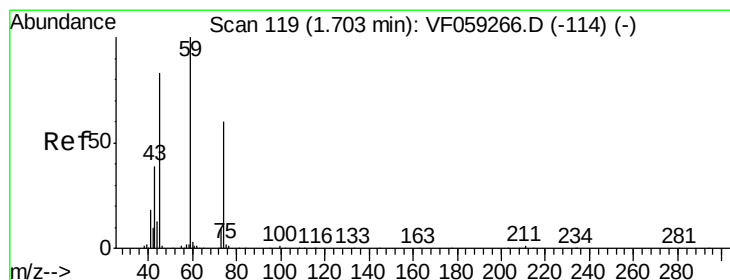
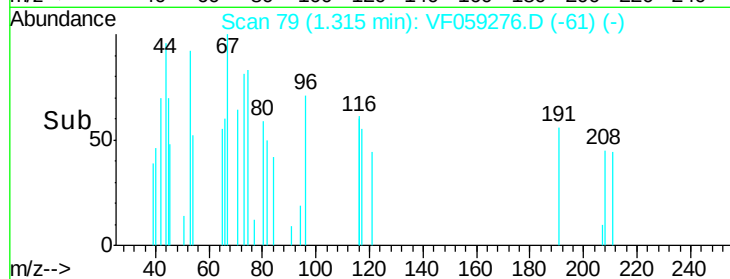
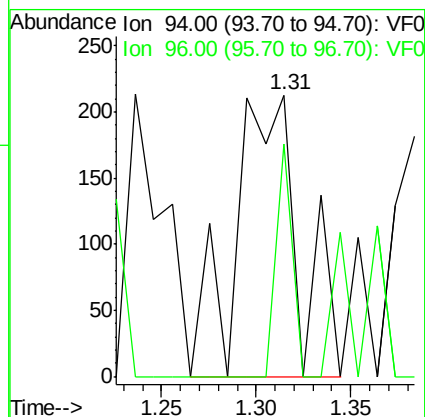
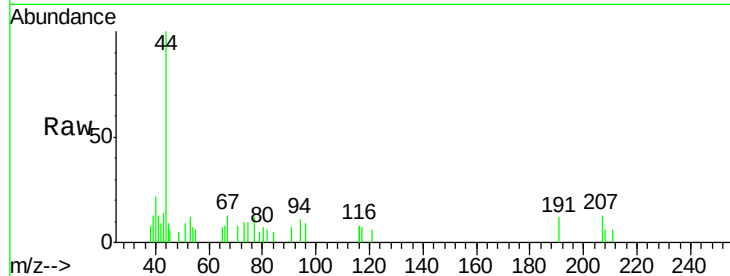
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 504

Ion Ratio Lower Upper

94 100

96 82.6 77.7 116.5



#8

Diethyl Ether

Concen: 1.34 ug/l

RT: 1.75 min Scan# 123

Delta R.T. 0.05 min

Lab File: VF059276.D

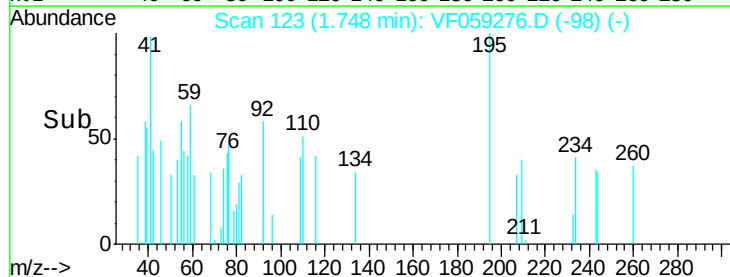
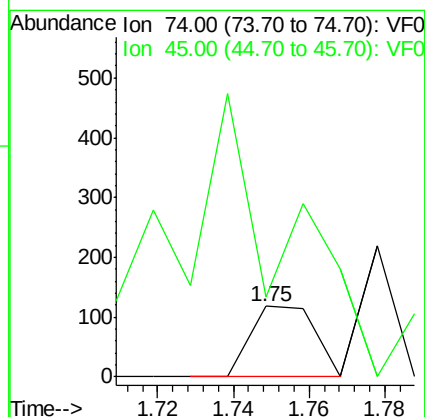
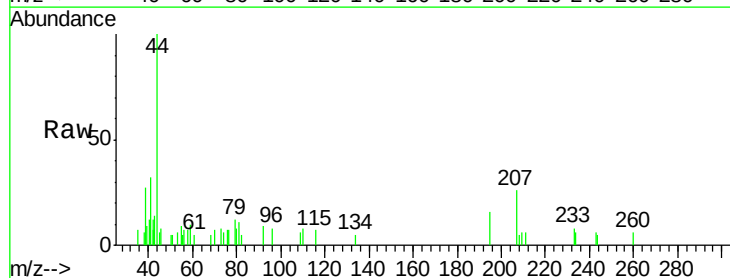
Acq: 21 Jun 2018 22:46

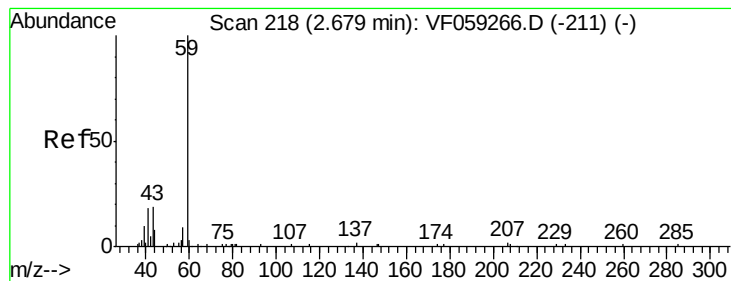
Tgt Ion: 74 Resp: 138

Ion Ratio Lower Upper

74 100

45 113.6 69.2 207.4



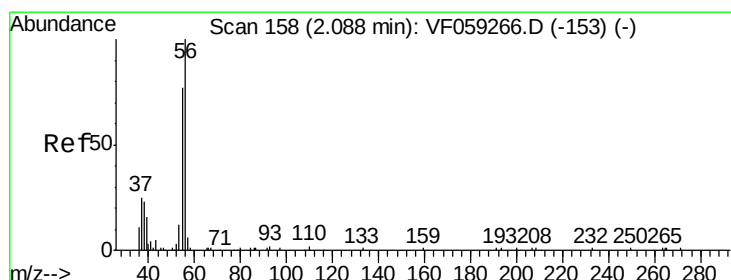
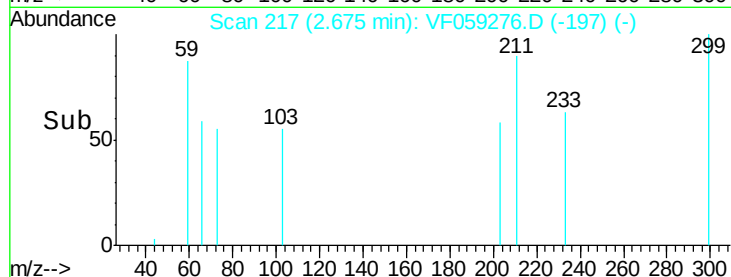
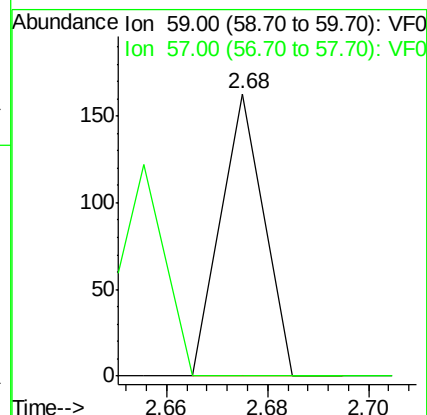
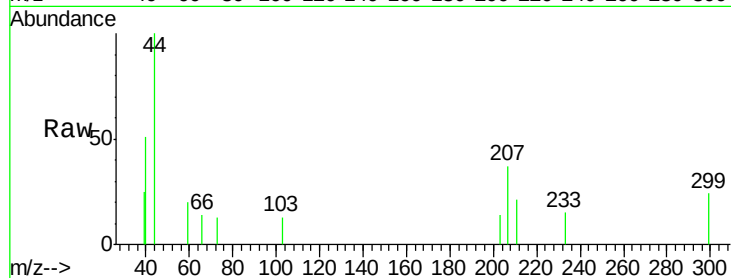


#11

Tert butyl alcohol
Concen: 3.57 ug/l
RT: 2.68 min Scan# 217
Delta R.T. -0.00 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Instrument :
MSVOA_F
ClientSampled :

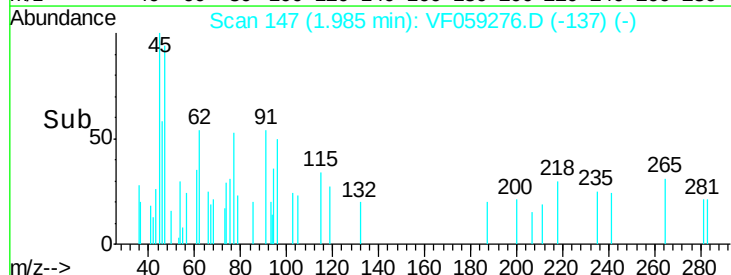
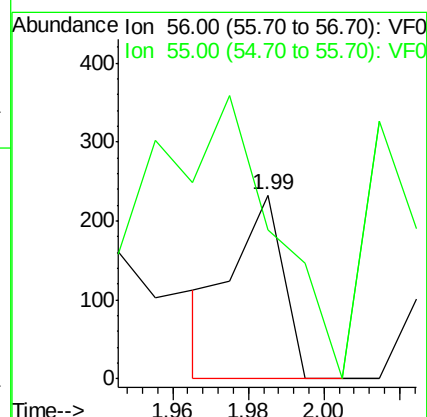
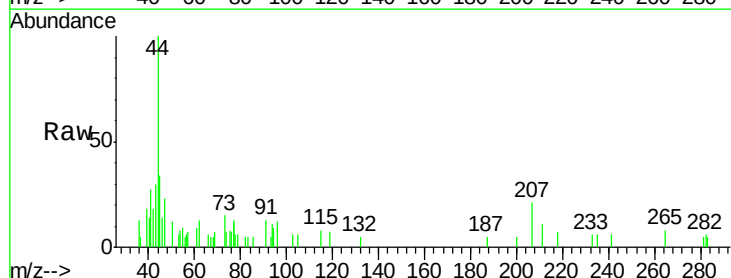
Tot Ion: 59 Resp: 96
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

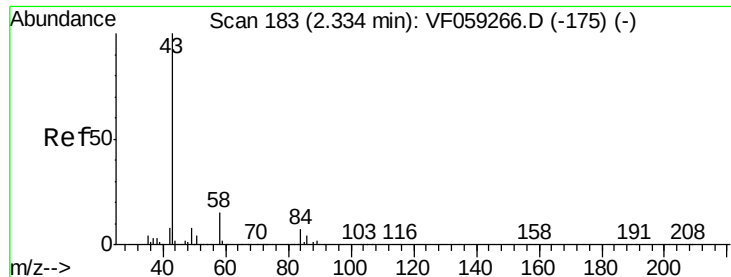


#13

Acrolein
Concen: 2.59 ug/l
RT: 1.99 min Scan# 147
Delta R.T. -0.10 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 81.1 63.0 94.6

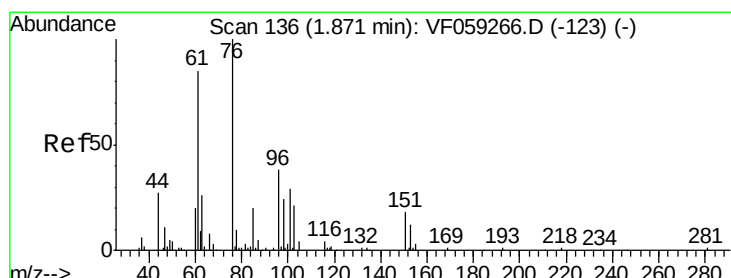
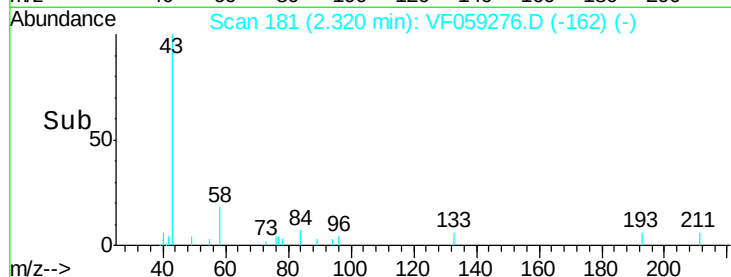
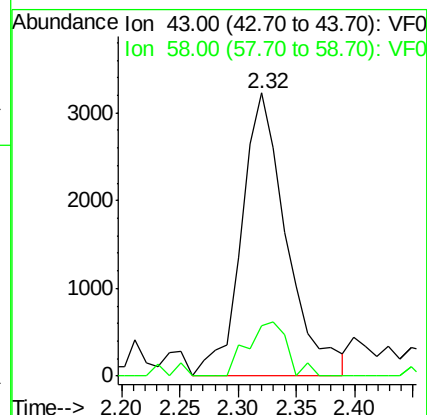
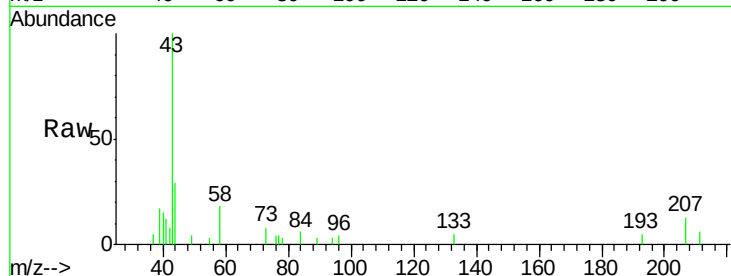




#16
Acetone
Concen: 79.67 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

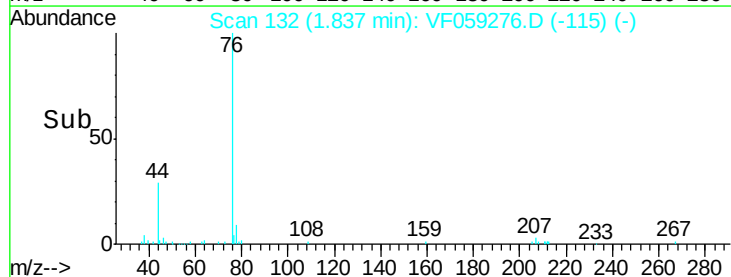
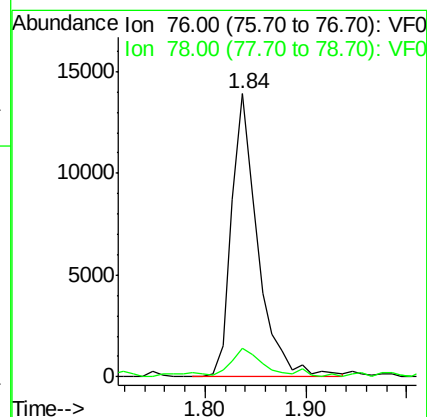
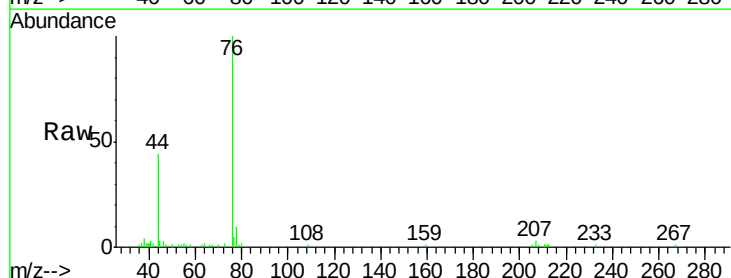
Instrument :
MSVOA_F
ClientSampleId :

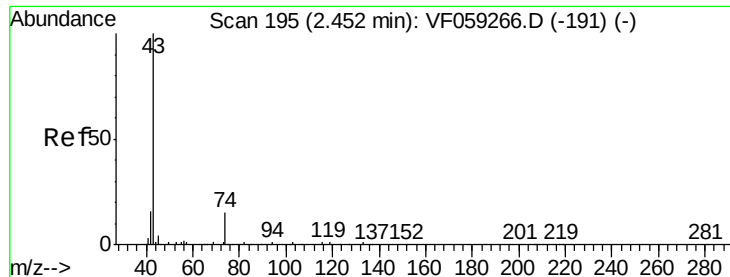
Tot Ion: 43 Resp: 8689
Ion Ratio Lower Upper
43 100
58 17.6 12.1 18.1



#17
Carbon Disulfide
Concen: 45.36 ug/l
RT: 1.84 min Scan# 132
Delta R.T. -0.03 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion: 76 Resp: 25104
Ion Ratio Lower Upper
76 100
78 10.0 8.6 12.8

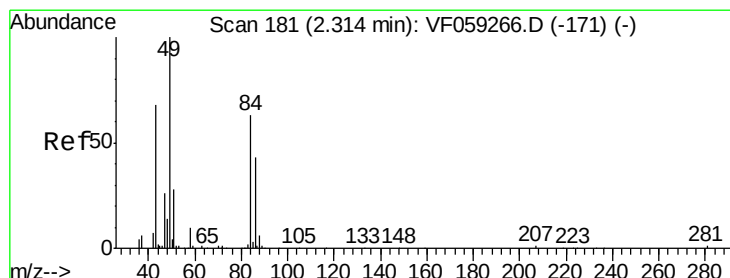
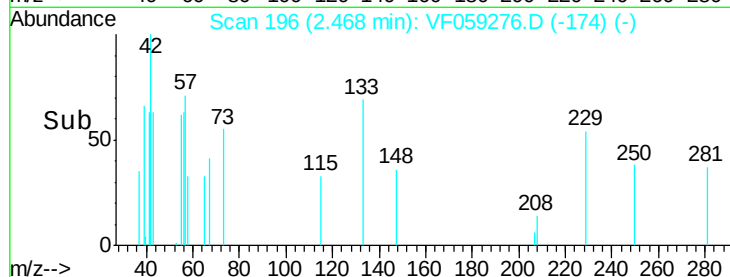
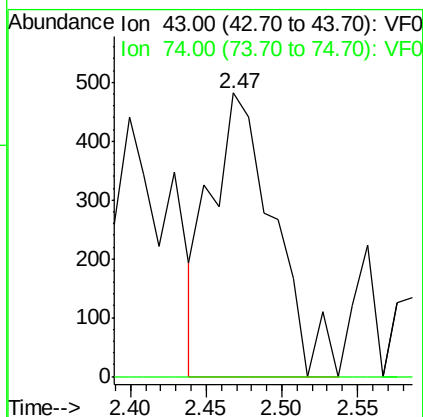
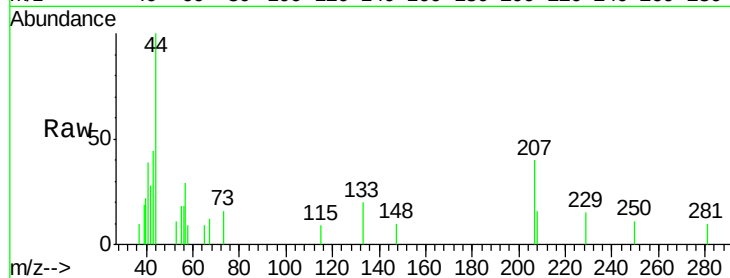




#18
Methyl Acetate
Concen: 6.78 ug/l
RT: 2.47 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

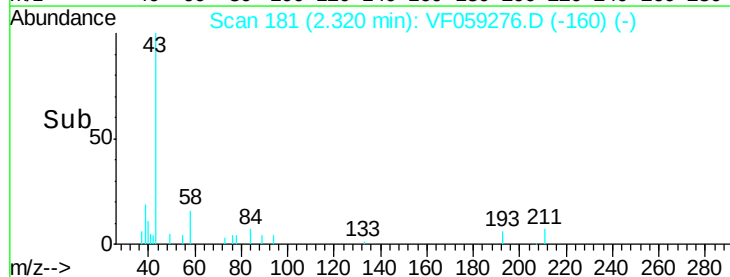
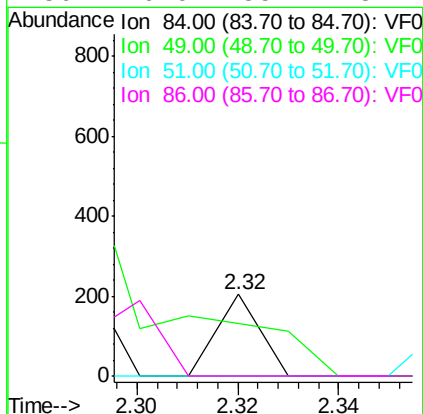
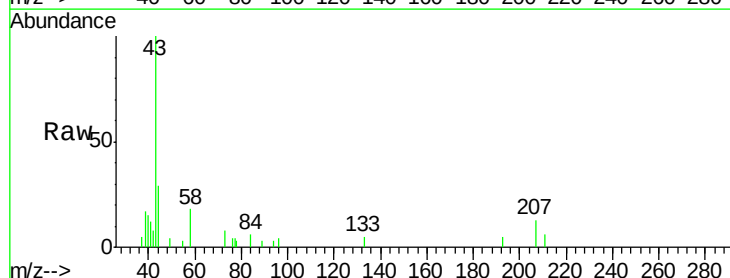
Instrument :
MSVOA_F
ClientSampleId :

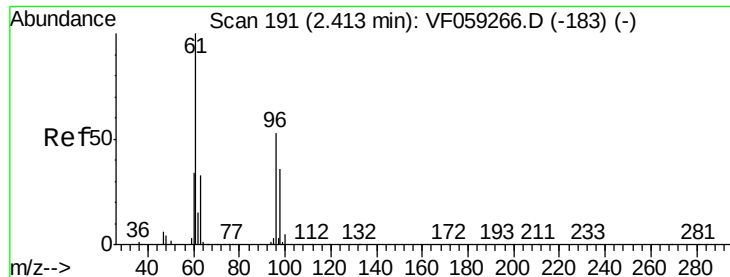
Tot Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
74 0.0 11.0 16.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.32 min Scan# 181
Delta R.T. 0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion: 84 Resp: 121
Ion Ratio Lower Upper
84 100
49 63.7 130.0 195.0#
51 0.0 36.6 55.0#
86 0.0 55.1 82.7#





#21

trans-1,2-Dichloroethene

Concen: 1.00 ug/l

RT: 2.38 min Scan# 187

Delta R.T. -0.03 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

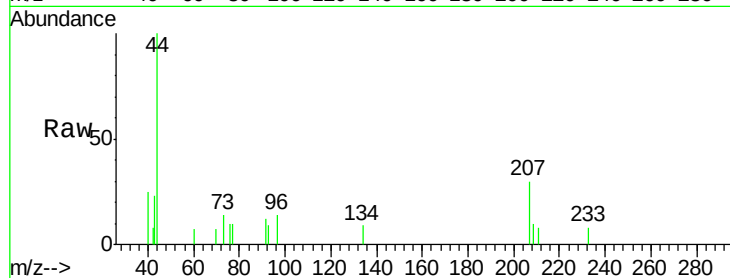
Tot Ion: 96 Resp: 238

Ion Ratio Lower Upper

96 100

61 0.0 151.2 226.8#

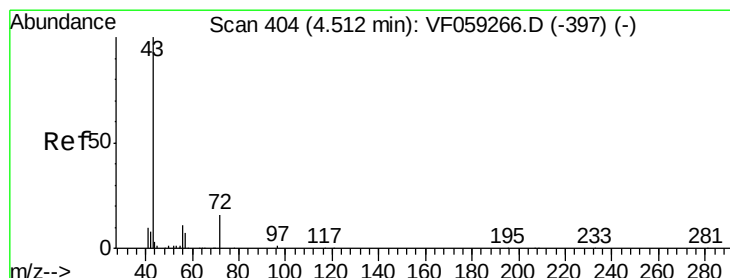
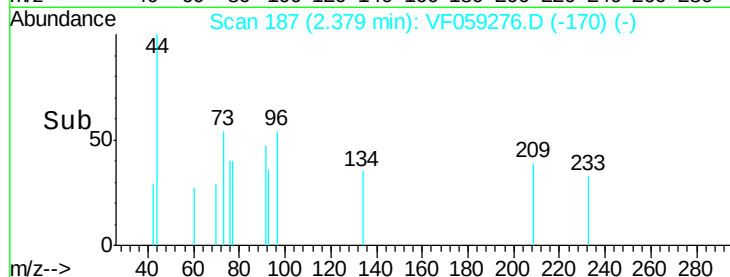
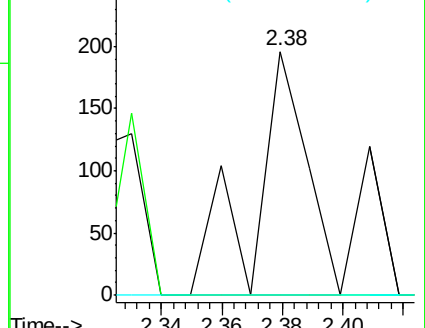
98 0.0 54.2 81.2#



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



#25

2-Butanone

Concen: 11.84 ug/l

RT: 4.51 min Scan# 403

Delta R.T. -0.00 min

Lab File: VF059276.D

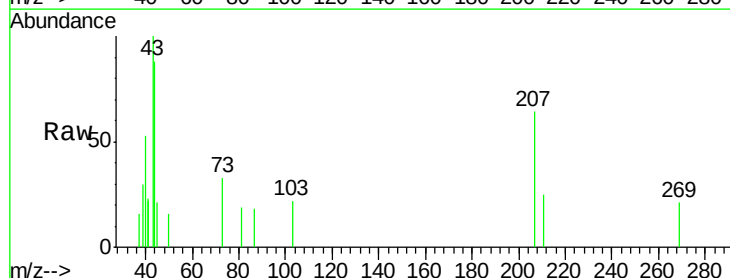
Acq: 21 Jun 2018 22:46

Tgt Ion: 43 Resp: 1722

Ion Ratio Lower Upper

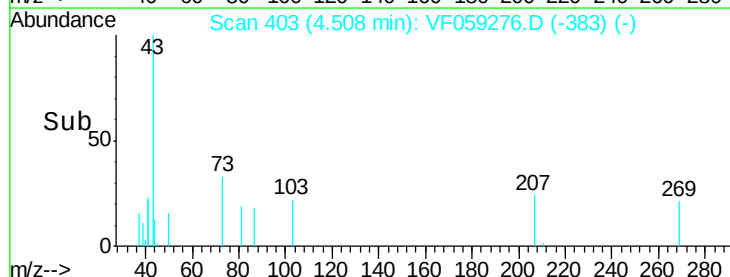
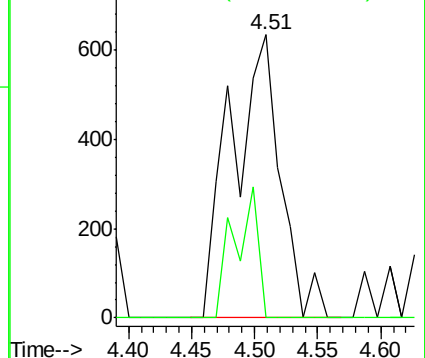
43 100

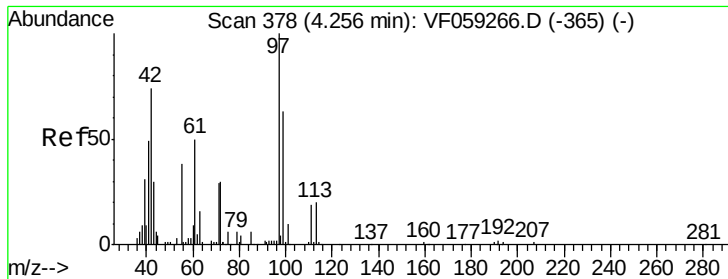
72 0.0 15.2 22.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#29

Tetrahydrofuran

Concen: 7.67 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.01 min

Lab File: VF059276.D

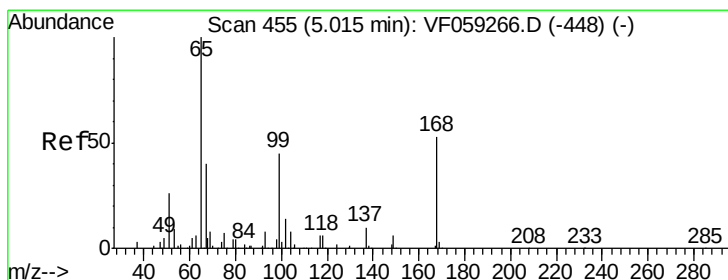
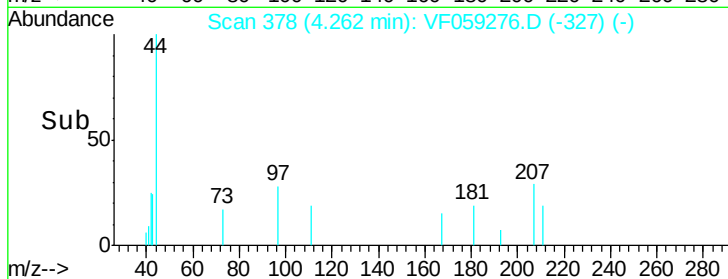
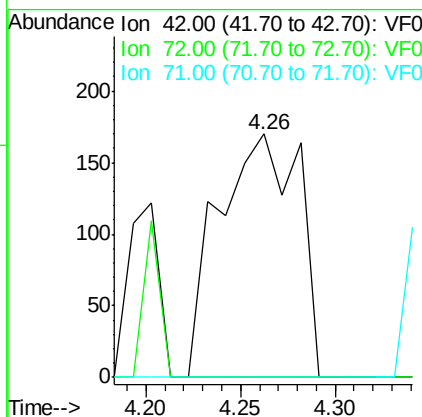
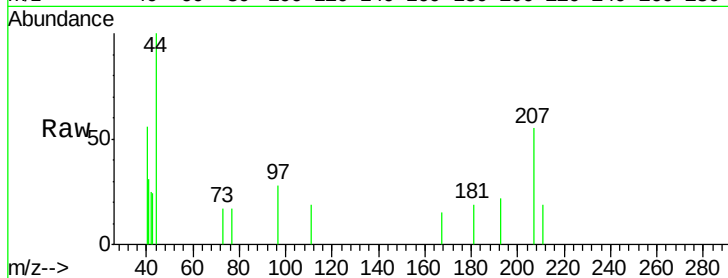
Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	42	Resp:	501
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.2	46.8#
71	0.0	30.2	45.2#



#33

1,2-Dichloroethane-d4

Concen: 33.39 ug/l

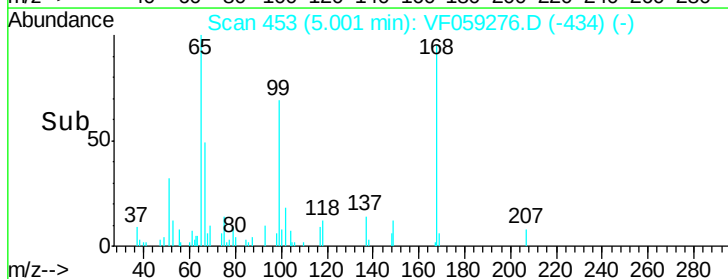
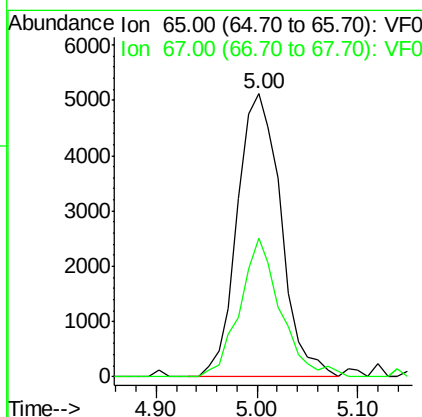
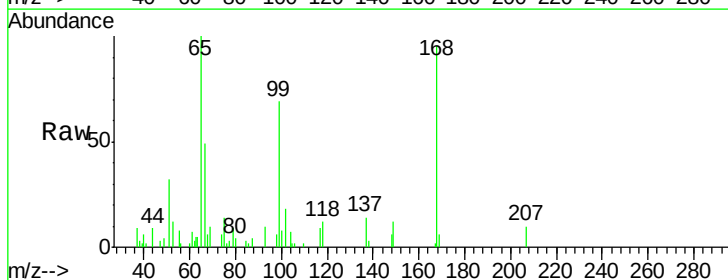
RT: 5.00 min Scan# 453

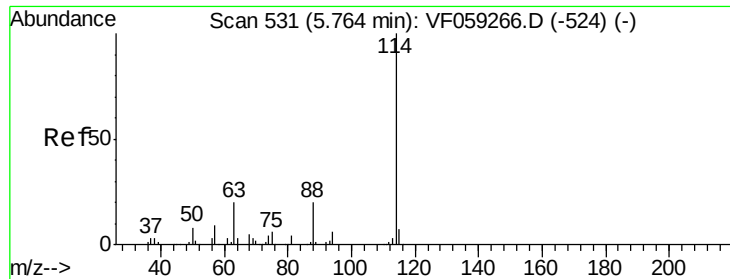
Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Tgt Ion:	65	Resp:	15408
Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	95.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

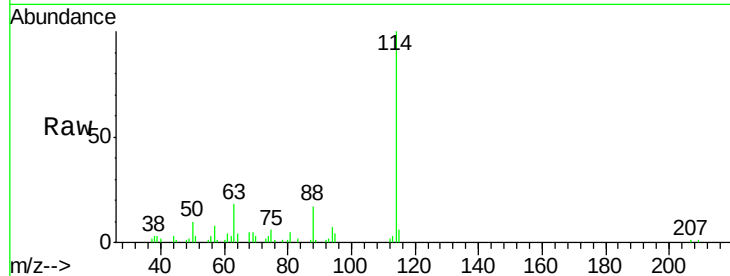
Tot Ion:114 Resp: 46144

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

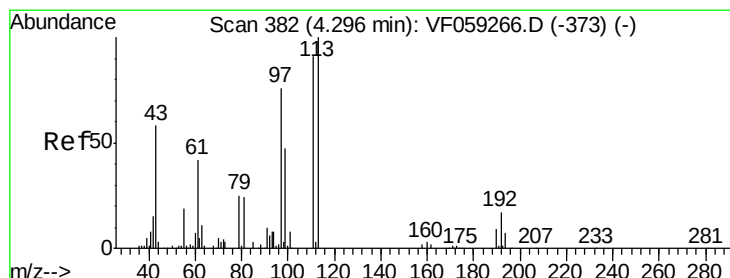
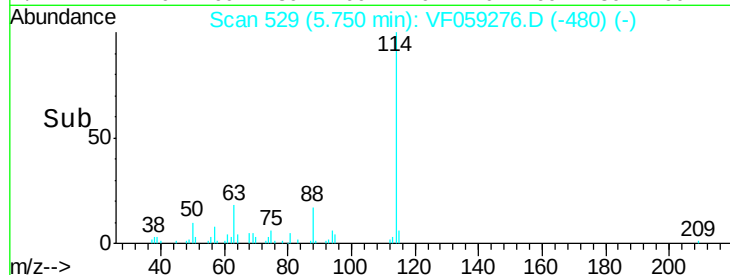
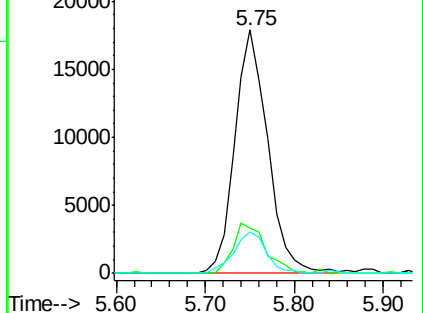
88 17.1 0.0 39.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 0.22 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

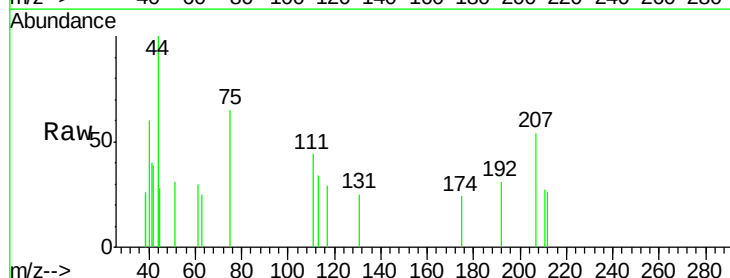
Tgt Ion:113 Resp: 84

Ion Ratio Lower Upper

113 100

111 132.4 73.1 109.7#

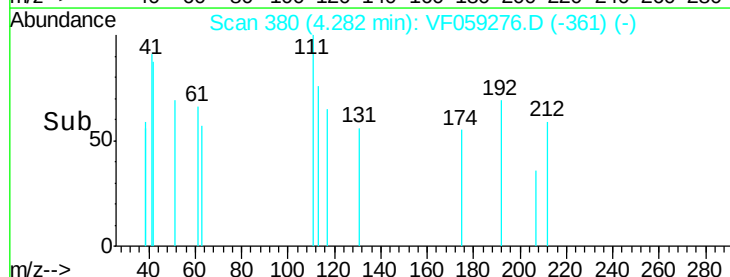
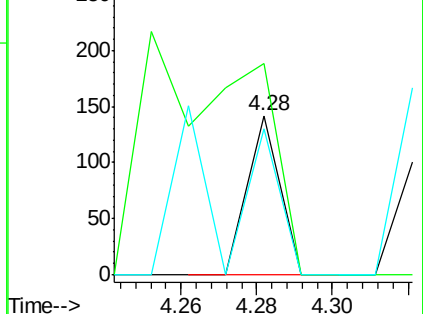
192 91.5 13.9 20.9#

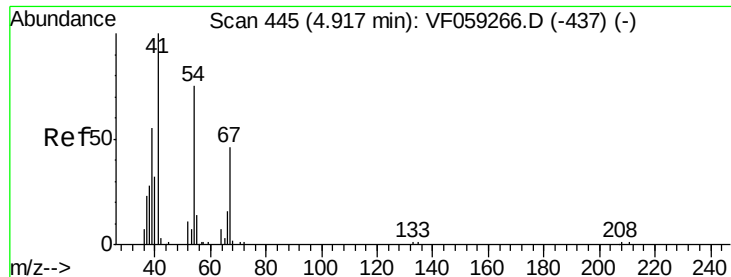


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

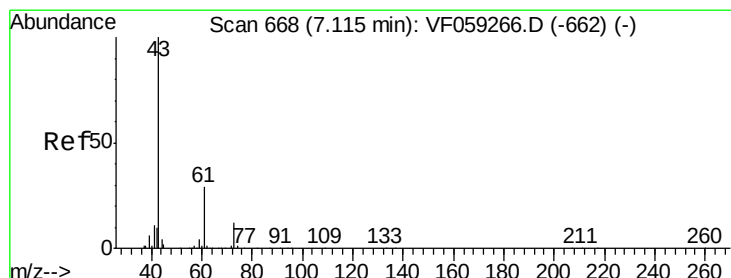
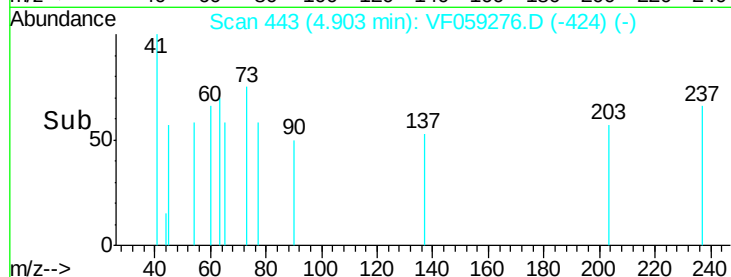
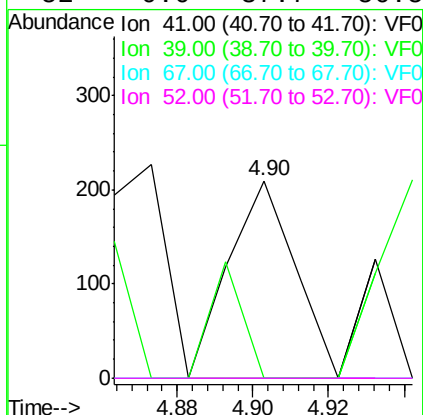
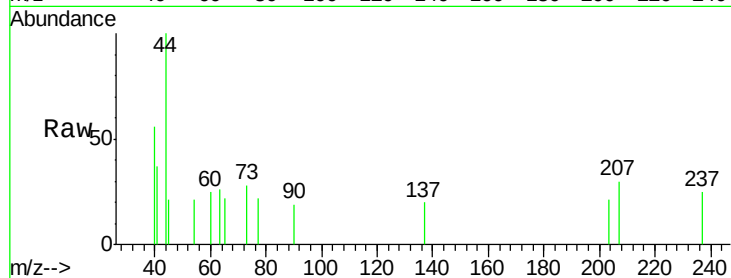




#41
Methacrylonitrile
Concen: 1.72 ug/l
RT: 4.90 min Scan# 443
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

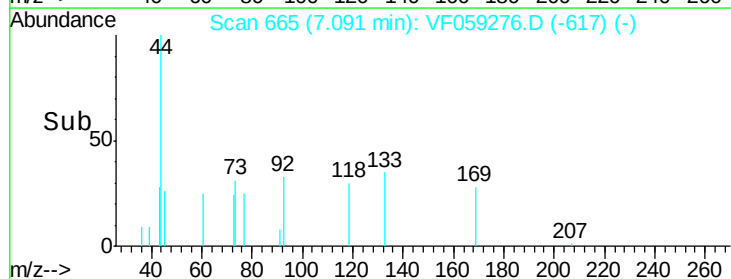
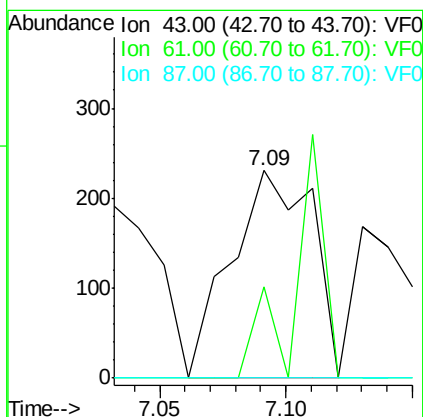
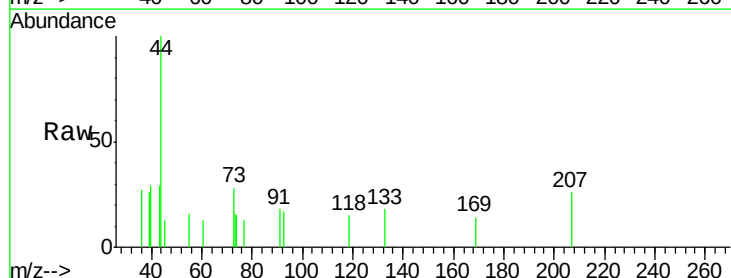
Instrument :
MSVOA_F
ClientSampled :

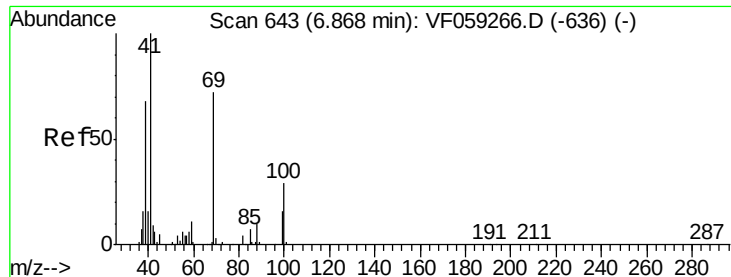
Tot Ion:	41	Resp:	255
Ion	Ratio	Lower	Upper
41	100		
39	0.0	57.0	85.6#
67	0.0	36.8	55.2#
52	0.0	37.7	56.5#



#43
Isopropyl Acetate
Concen: 1.36 ug/l
RT: 7.09 min Scan# 665
Delta R.T. -0.02 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion:	43	Resp:	518
Ion	Ratio	Lower	Upper
43	100		
61	44.2	22.8	34.2#
87	0.0	0.3	0.5#

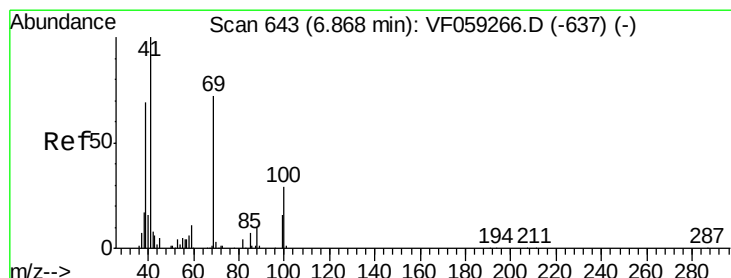
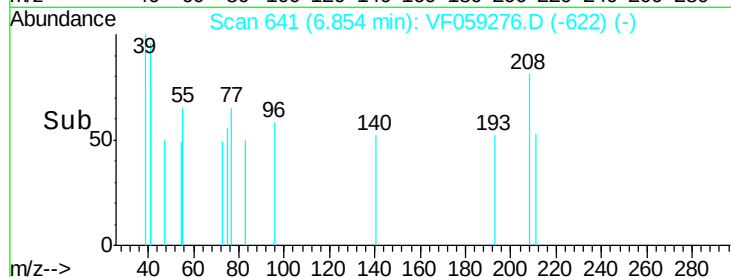
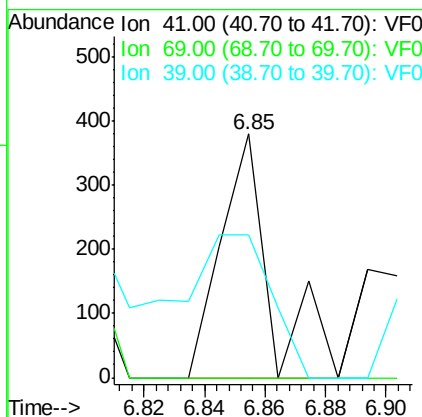
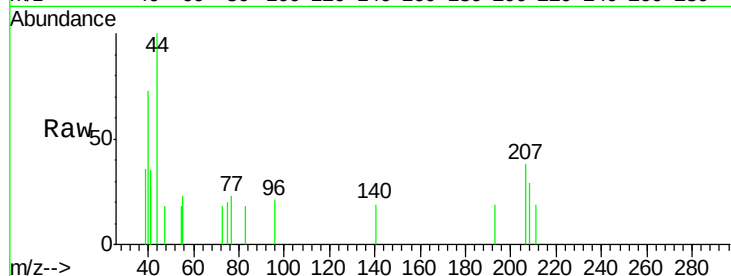




#48
Methvl methacrylate
Concen: 1.80 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

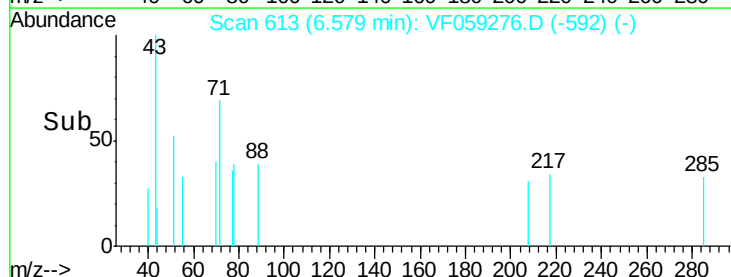
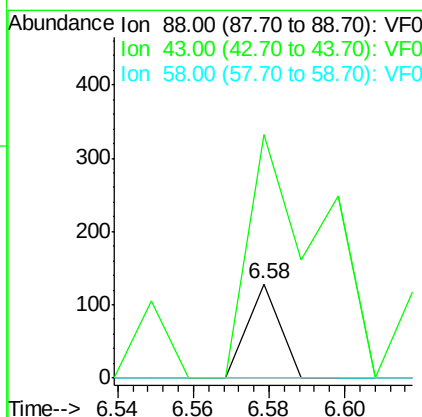
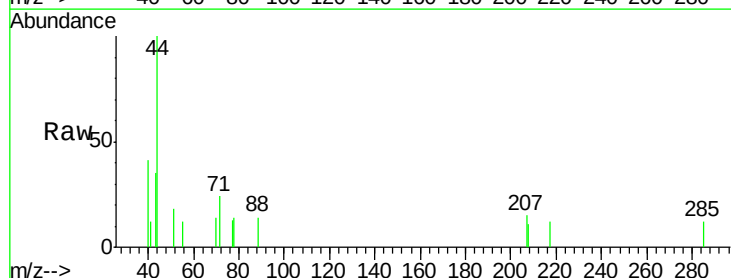
Instrument :
MSVOA_F
ClientSampleId :

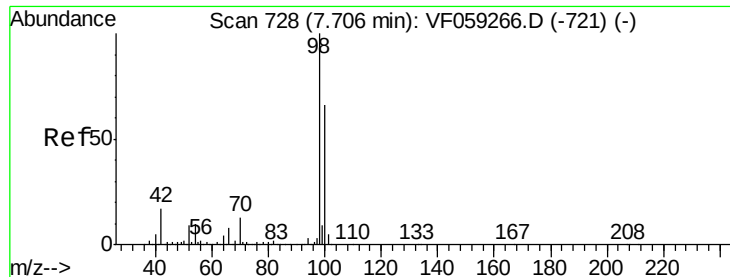
Tot Ion: 41 Resp: 433
Ion Ratio Lower Upper
41 100
69 0.0 57.4 86.2#
39 58.6 54.8 82.2



#49
1,4-Dioxane
Concen: 54.52 ug/l
RT: 6.58 min Scan# 613
Delta R.T. -0.29 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 259.4 55.5 83.3#
58 0.0 50.1 75.1#

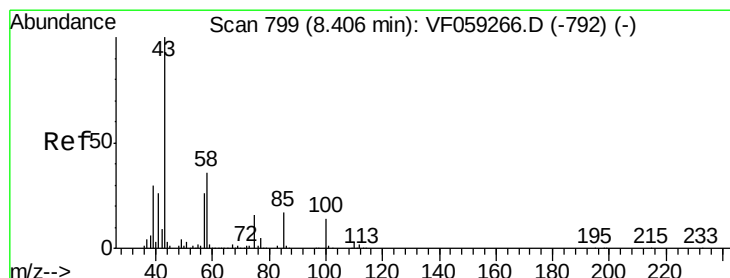
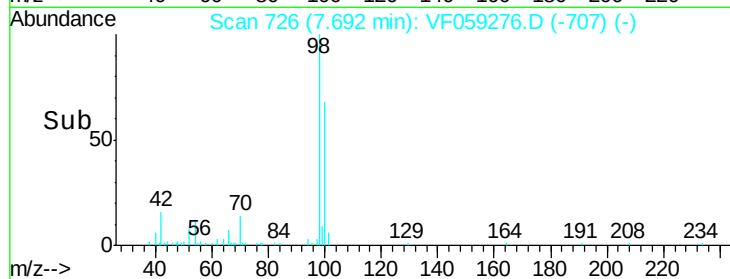
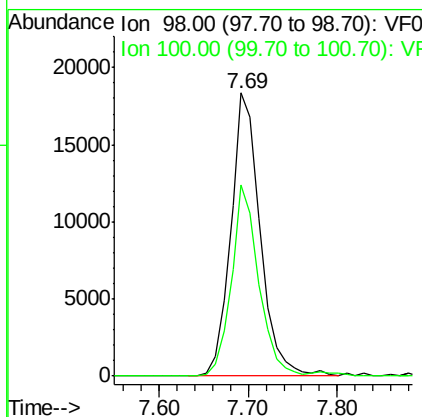
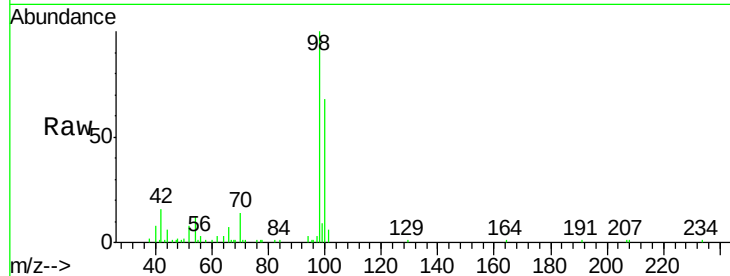




#50
Toluene-d8
Concen: 42.93 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

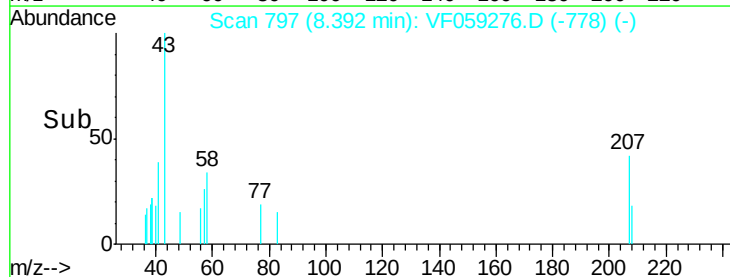
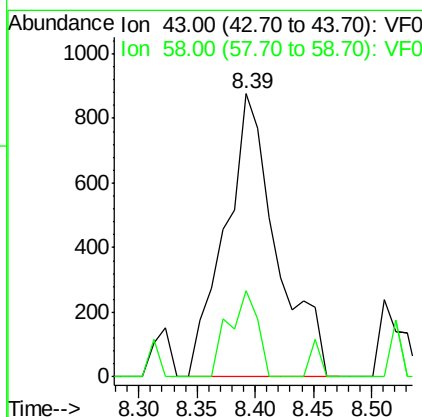
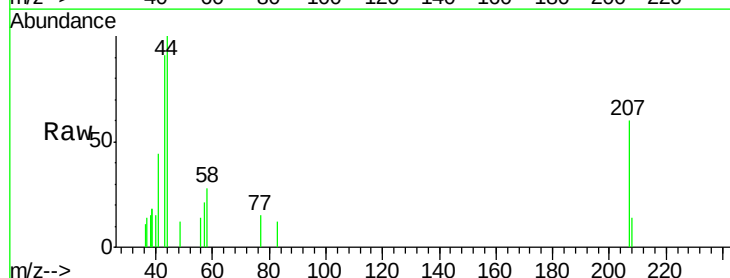
Instrument :
MSVOA_F
ClientSampled :

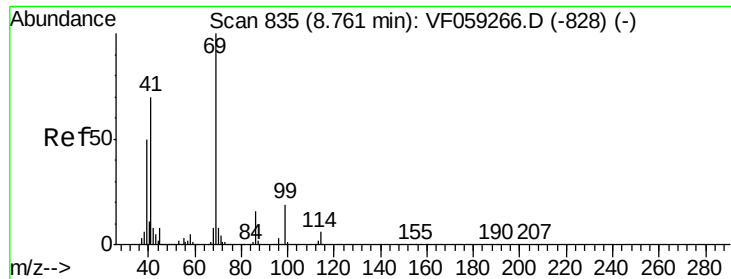
Tot Ion: 98 Resp: 42390
Ion Ratio Lower Upper
98 100
100 67.8 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 9.90 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion: 43 Resp: 2682
Ion Ratio Lower Upper
43 100
58 30.4 29.0 43.6





#56

Ethyl methacrylate

Concen: 7.00 ug/l

RT: 8.76 min Scan# 834

Delta R.T. -0.00 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :
MSVOA_F
ClientSampled :

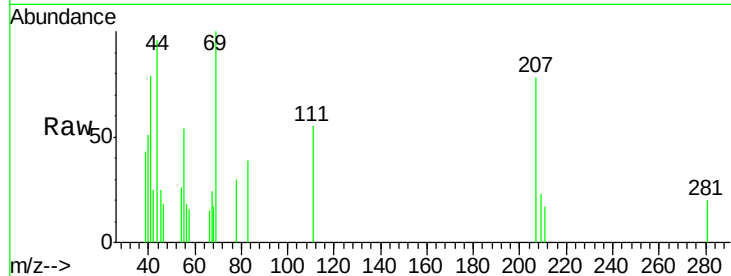
Tot Ion: 69.00 Resp: 2452

Ion Ratio Lower Upper

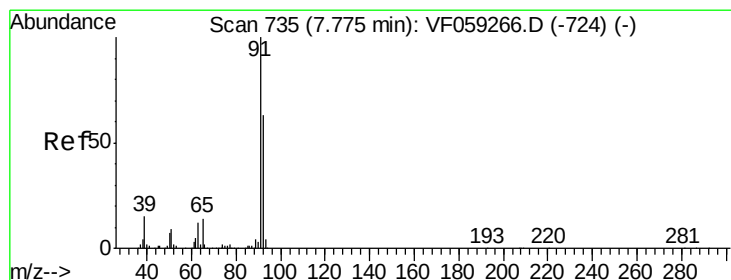
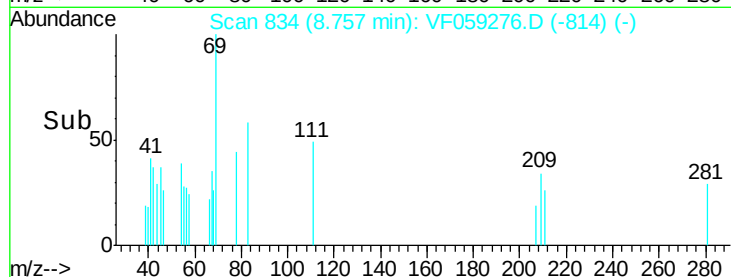
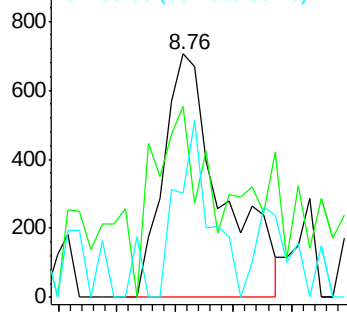
69 100

41 78.6 56.6 85.0

39 42.9 40.5 60.7



Abundance Ion 69.00 (68.70 to 69.70): VF0
Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 2.43 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.02 min

Lab File: VF059276.D

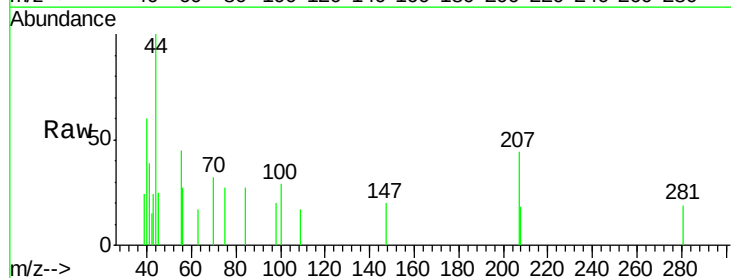
Acq: 21 Jun 2018 22:46

Tgt Ion: 63 Resp: 68

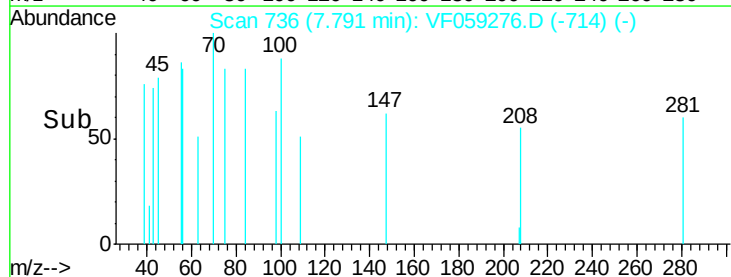
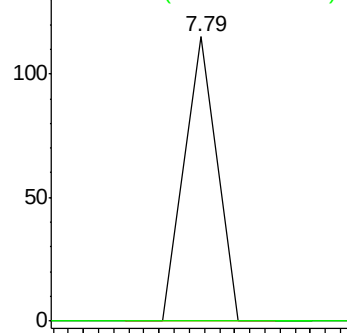
Ion Ratio Lower Upper

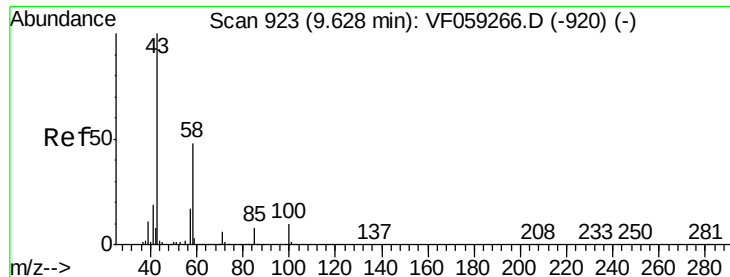
63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0
Ion 106.00 (105.70 to 106.70): V





#59

2-Hexanone

Concen: 21.93 ug/l

RT: 9.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

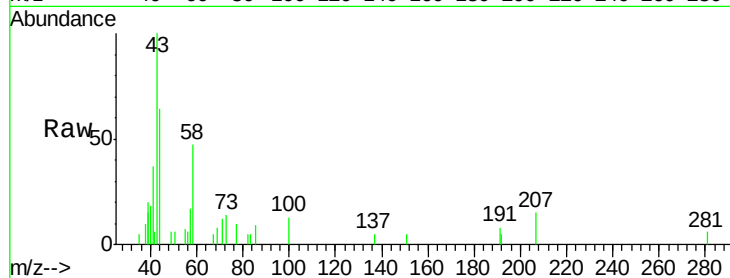
ClientSampled :

Tot Ion: 43 Resp: 4707

Ion Ratio Lower Upper

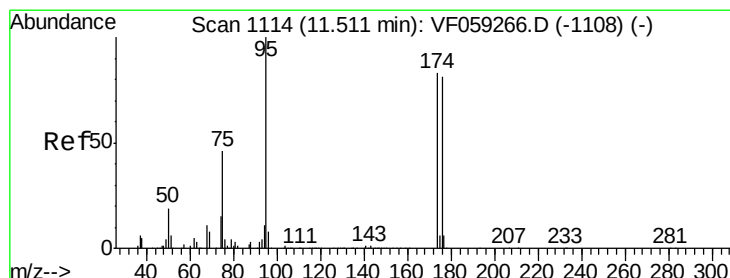
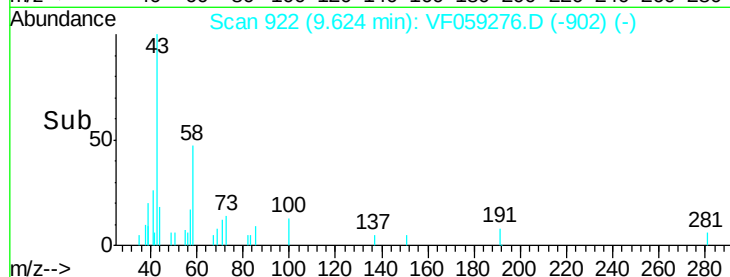
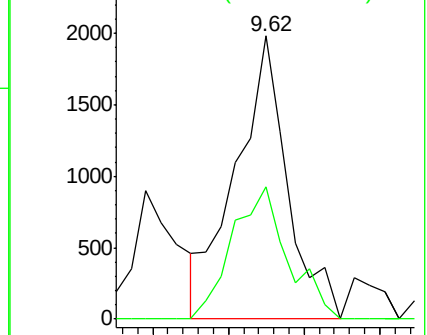
43 100

58 46.6 23.3 69.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#62

4-Bromofluorobenzene

Concen: 39.53 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

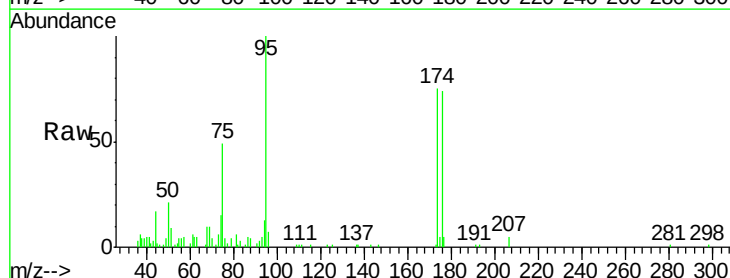
Tgt Ion: 95 Resp: 21644

Ion Ratio Lower Upper

95 100

174 74.7 0.0 166.2

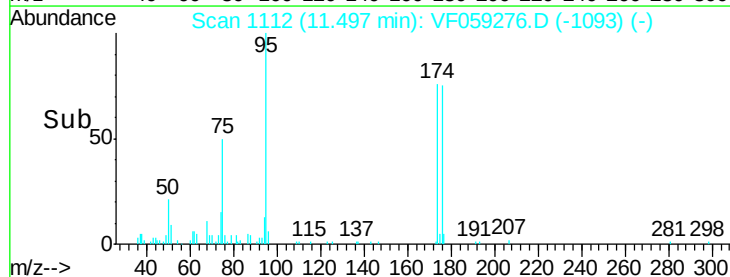
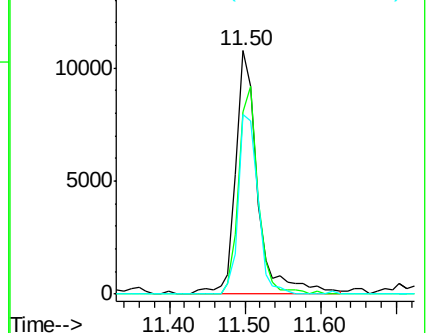
176 73.9 0.0 162.8

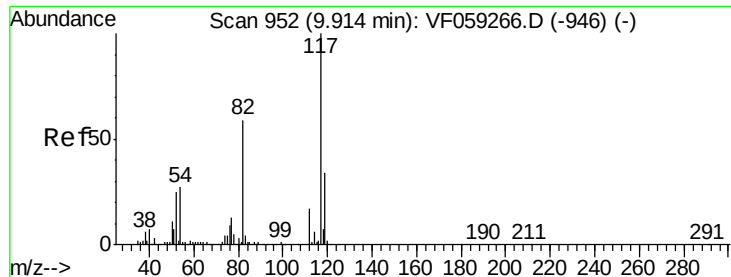


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

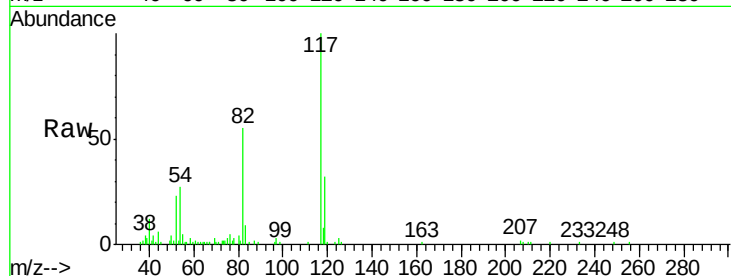
Tot Ion:117 Resp: 38729

Ion Ratio Lower Upper

117 100

82 54.5 47.1 70.7

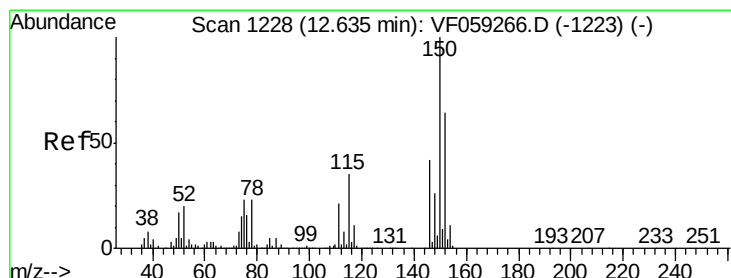
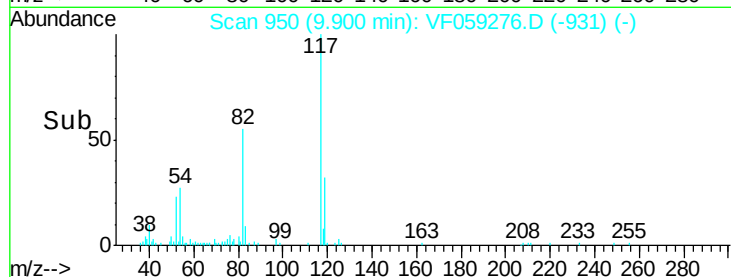
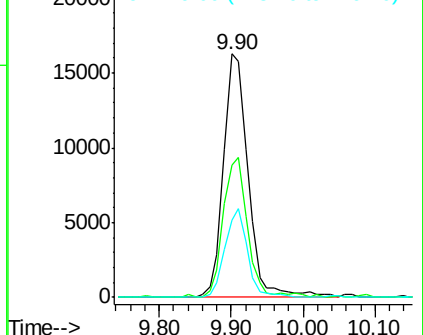
119 31.6 26.9 40.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

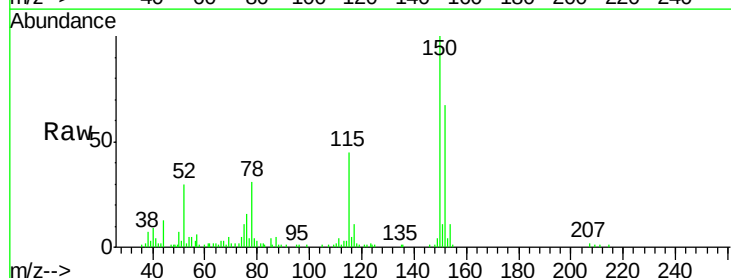
Tgt Ion:152 Resp: 18993

Ion Ratio Lower Upper

152 100

115 67.2 27.8 83.3

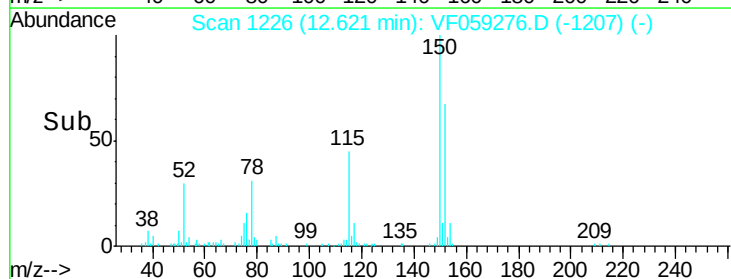
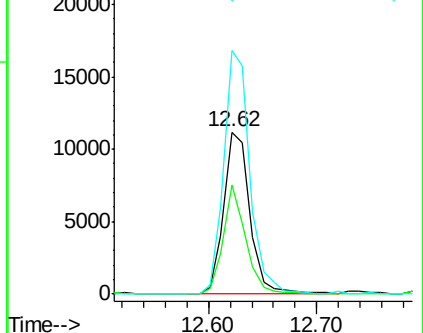
150 150.3 0.0 313.8

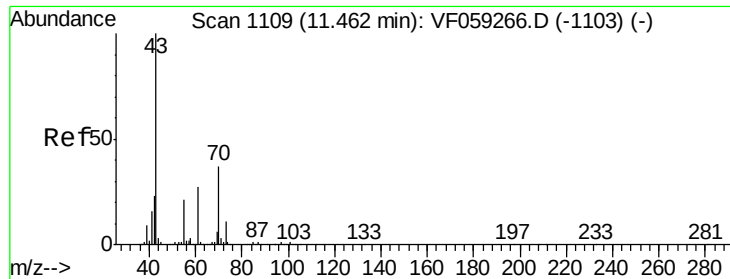


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#74

N-amvl acetate

Concen: 7.98 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059276.D

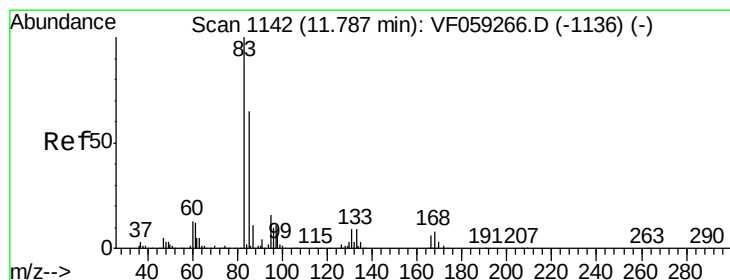
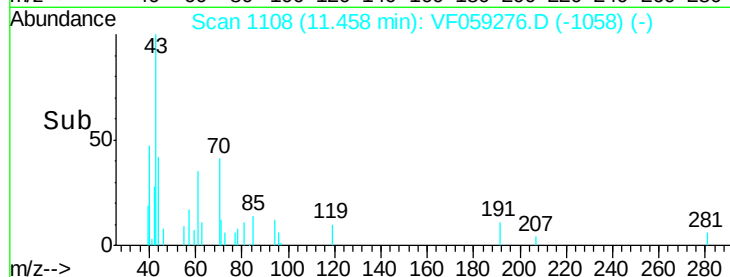
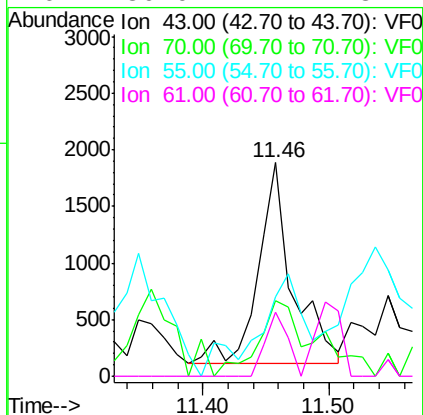
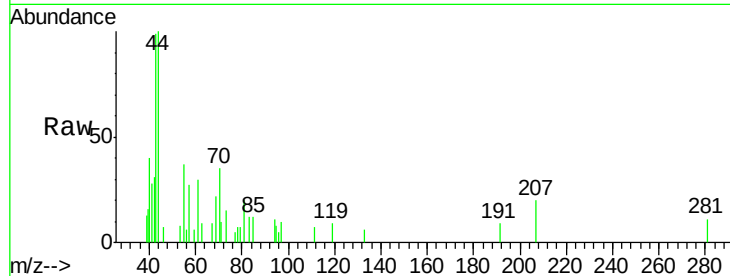
Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	43	Resp:	3407
Ion	Ratio	Lower	Upper
43	100		
70	35.2	29.6	44.4
55	36.9	17.0	25.4#
61	30.0	21.4	32.2



#75

1,1,2,2-Tetrachloroethane

Concen: 7.16 ug/l

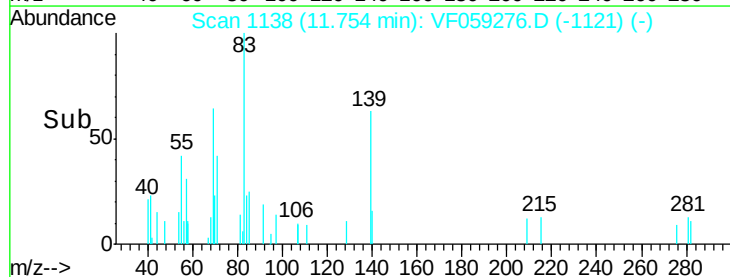
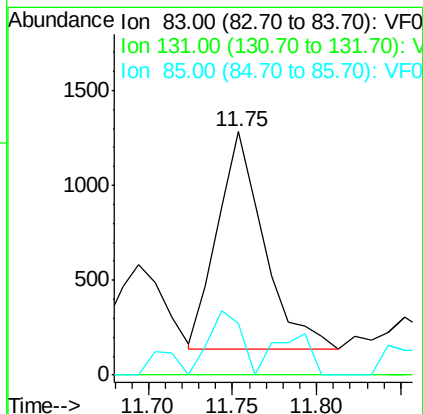
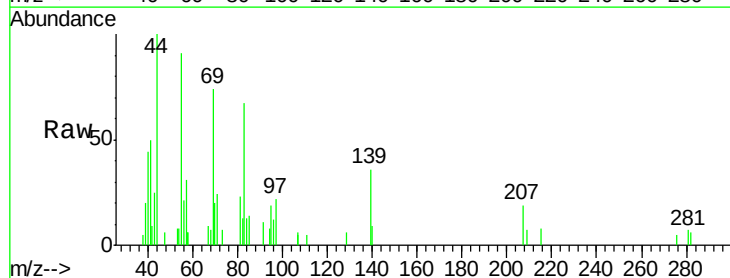
RT: 11.75 min Scan# 1138

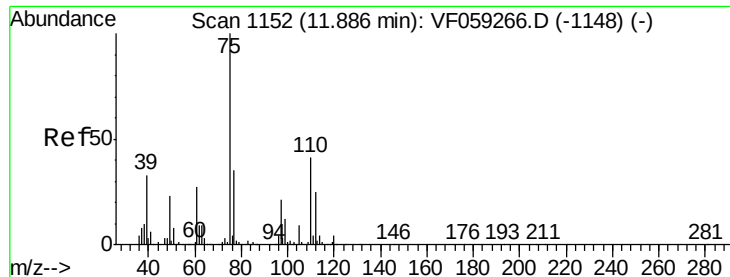
Delta R.T. -0.03 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Tgt Ion:	83	Resp:	2197
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	21.2	32.4	97.2#





#76

1,2,3-Trichloropropane

Concen: 2.10 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.09 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

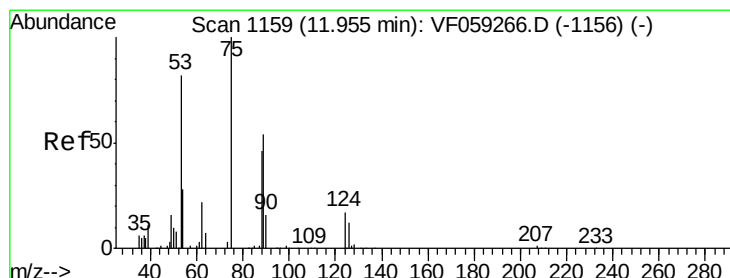
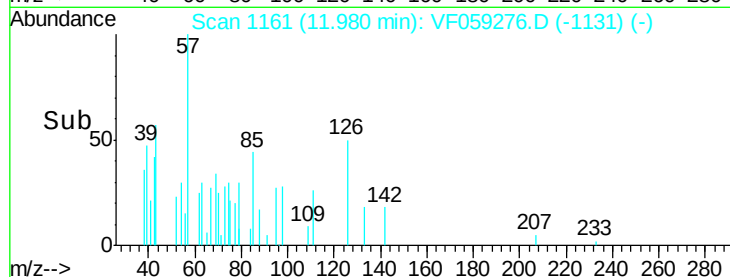
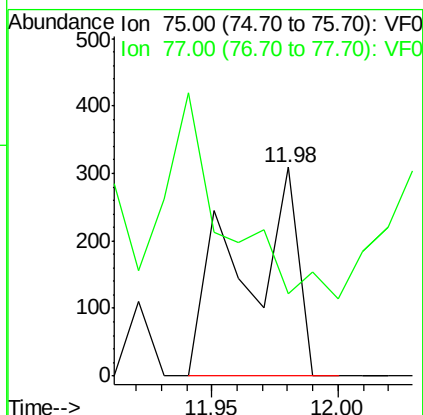
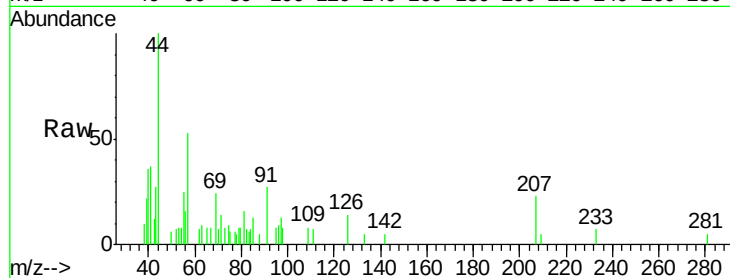
ClientSampled :

Tot Ion: 75 Resp: 473

Ion Ratio Lower Upper

75 100

77 39.2 17.4 52.2



#81

trans-1,4-Dichloro-2-butene

Concen: 3.29 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.03 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

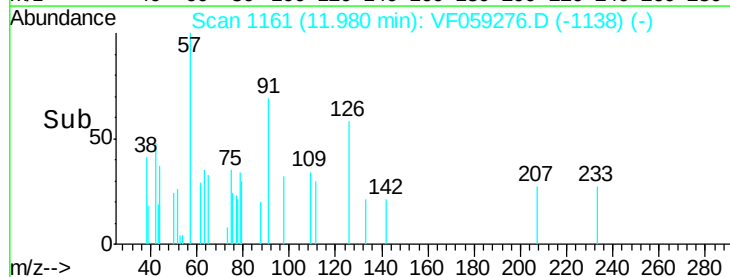
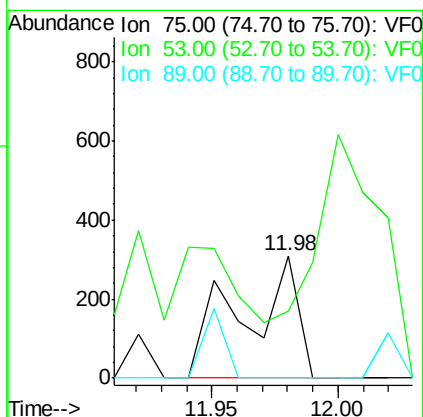
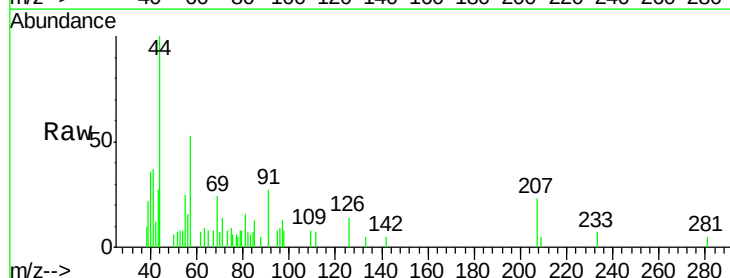
Tgt Ion: 75 Resp: 473

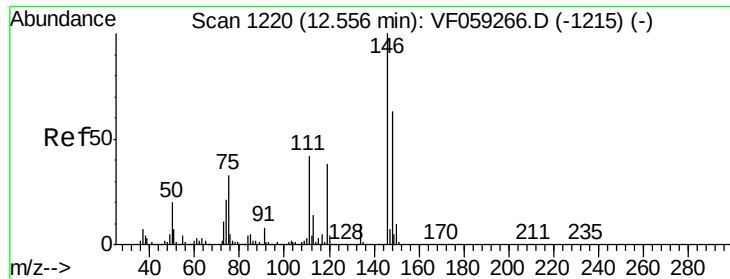
Ion Ratio Lower Upper

75 100

53 55.3 70.2 105.2#

89 0.0 45.3 67.9#

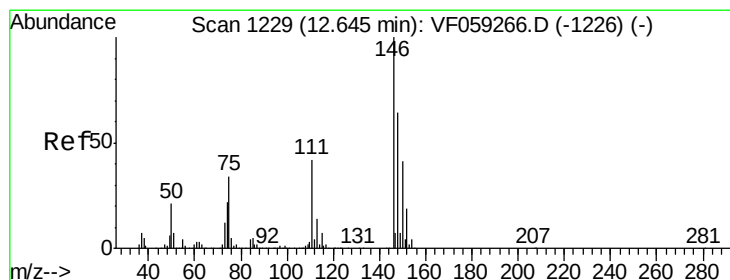
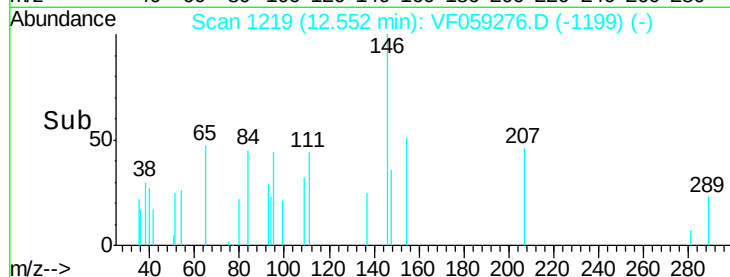
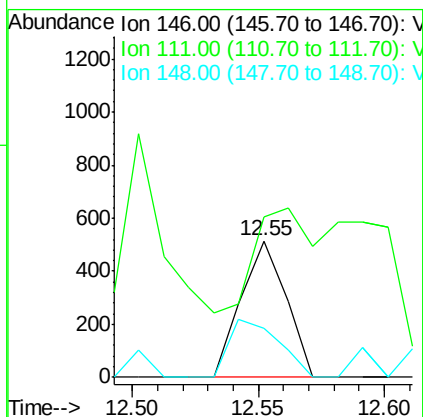
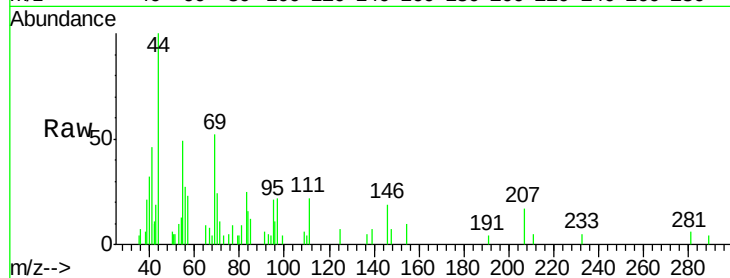




#87
 1,3-Dichlorobenzene
 Concen: 1.01 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VF059276.D
 Acq: 21 Jun 2018 22:46

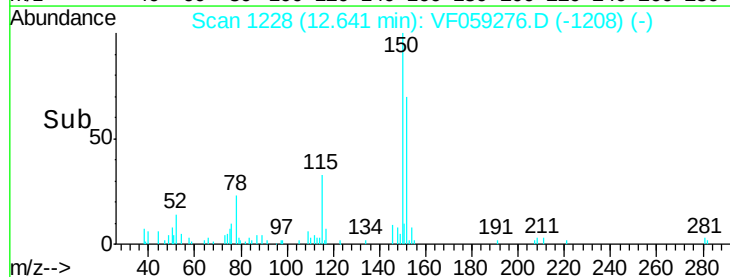
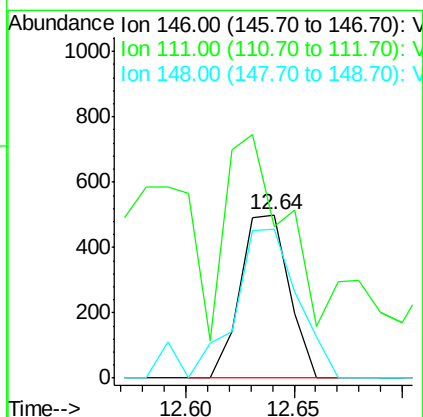
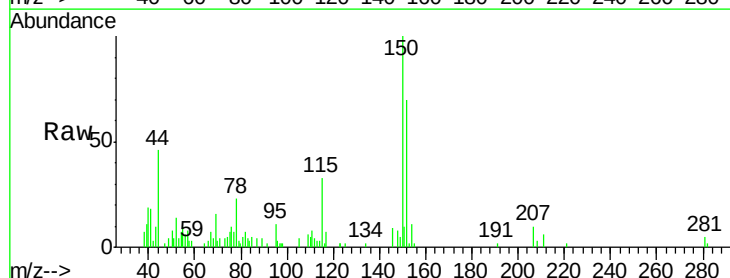
Instrument :
 MSVOA_F
 ClientSampled :

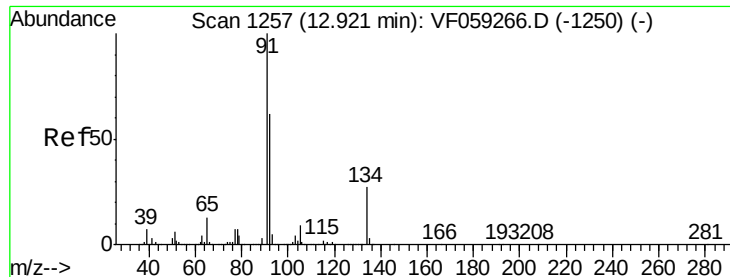
Tot Ion:146 Resp: 638
 Ion Ratio Lower Upper
 146 100
 111 117.7 21.0 63.0#
 148 35.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 1.26 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VF059276.D
 Acq: 21 Jun 2018 22:46

Tgt Ion:146 Resp: 787
 Ion Ratio Lower Upper
 146 100
 111 93.2 21.3 63.9#
 148 91.6 32.0 96.2





#89

n-Butylbenzene

Concen: 1.31 ug/l

RT: 12.92 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

ClientSampled :

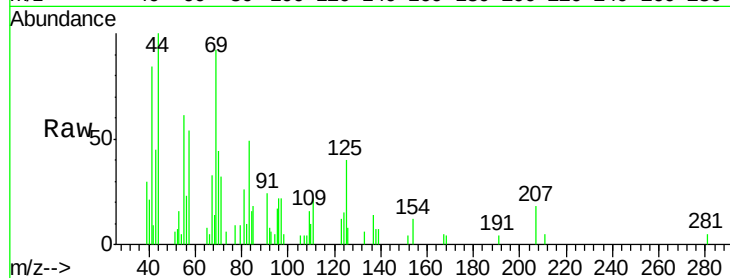
Tot Ion: 91 Resp: 1648

Ion Ratio Lower Upper

91 100

92 32.5 31.2 93.6

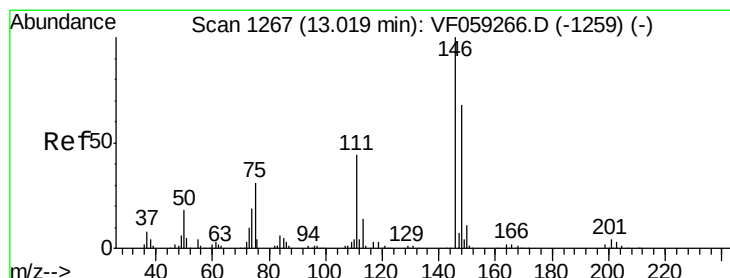
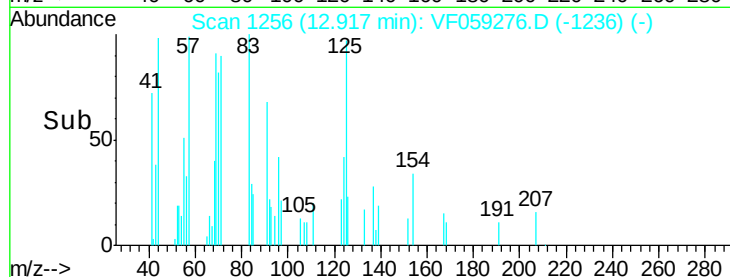
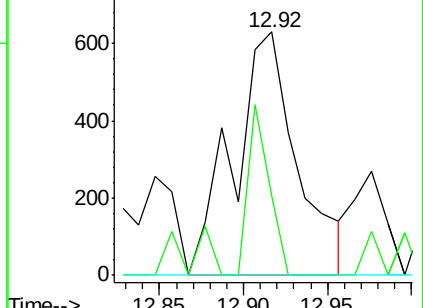
134 0.0 13.4 40.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 1.07 ug/l

RT: 13.01 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

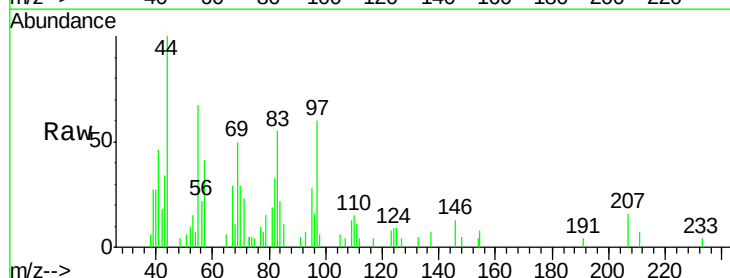
Tgt Ion: 146 Resp: 670

Ion Ratio Lower Upper

146 100

111 89.0 22.1 66.3#

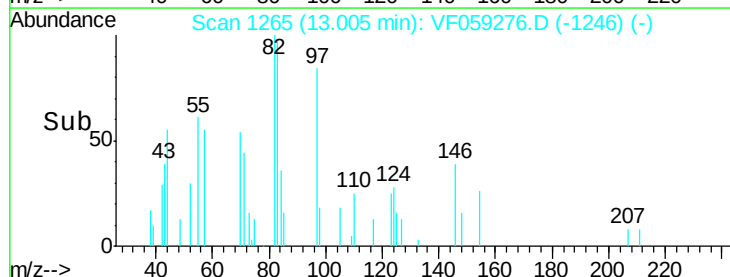
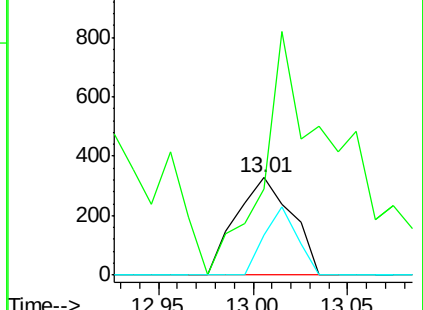
148 41.3 34.0 102.0

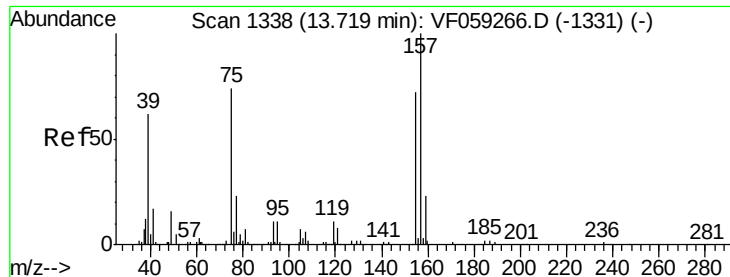


Abundance Ion 146.00 (145.70 to 146.70): V

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: 5.16 ug/l

RT: 13.71 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

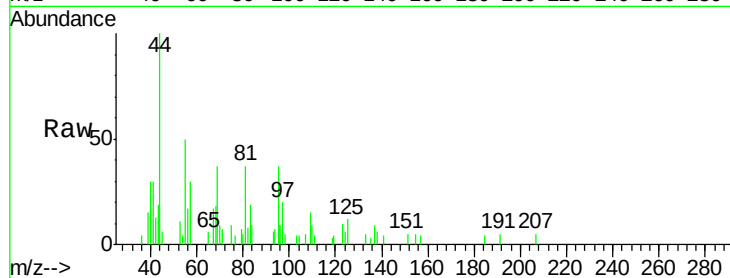
Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 75 Resp: 342

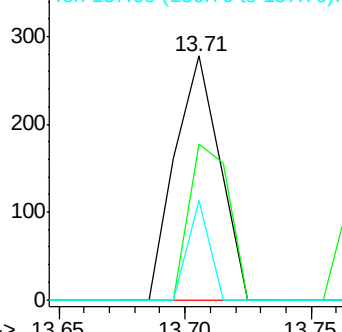
Ion	Ratio	Lower	Upper
75	100		
155	63.7	48.3	144.9
157	40.6	67.2	201.6#



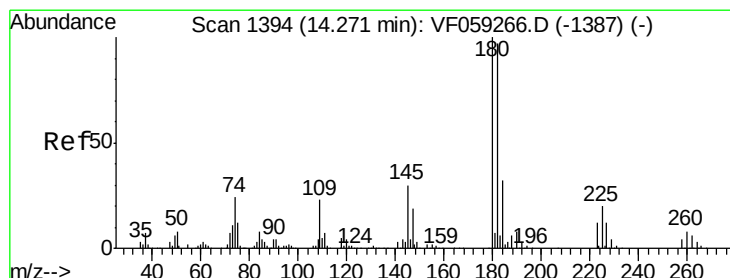
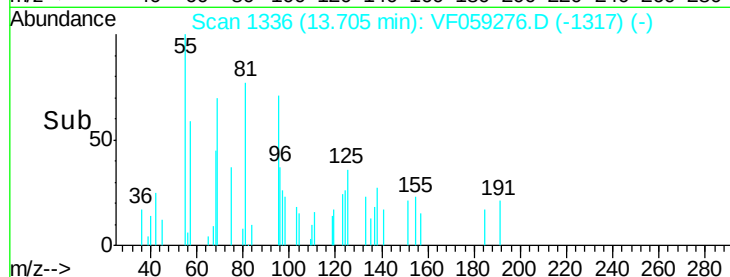
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.36 ug/l

RT: 14.27 min Scan# 1393

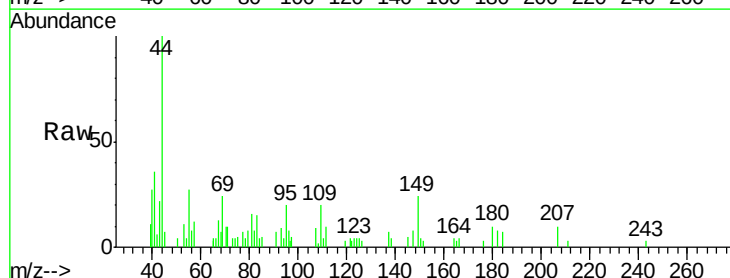
Delta R.T. -0.00 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Tgt Ion:180 Resp: 626

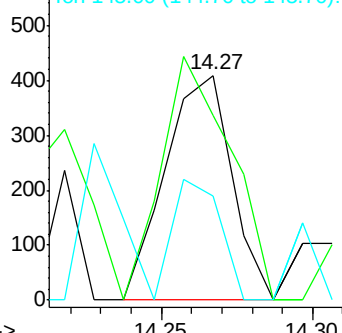
Ion	Ratio	Lower	Upper
180	100		
182	82.4	48.6	145.9
145	46.5	15.0	45.1#



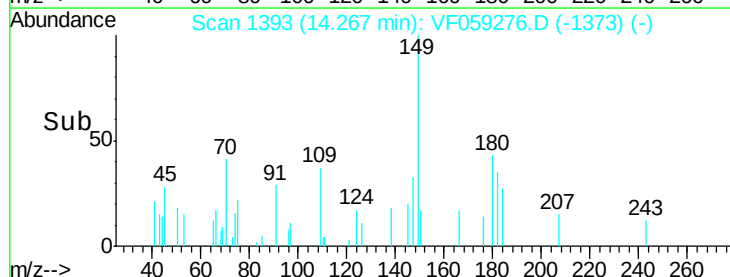
Abundance Ion 180.00 (179.70 to 180.70): V

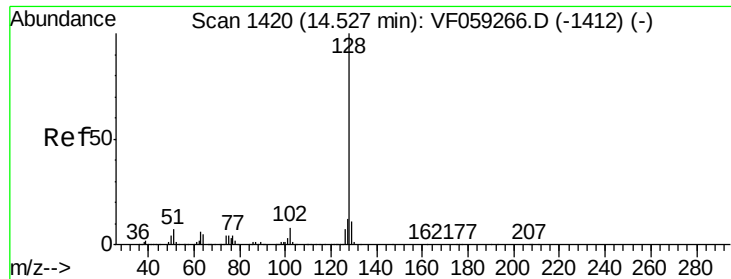
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



Time-->

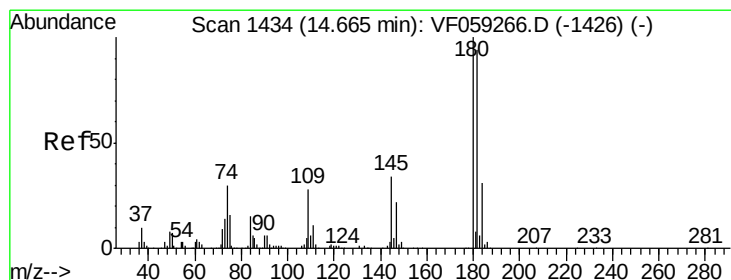
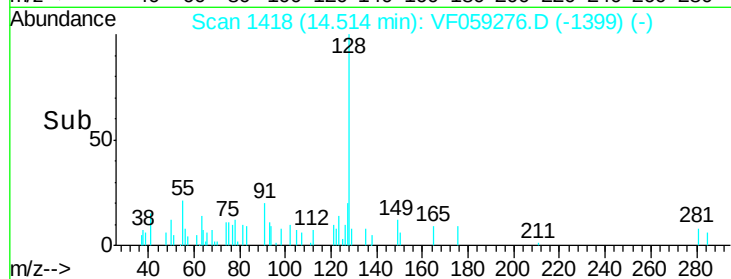
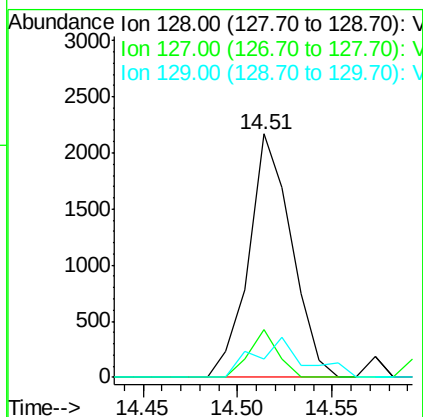
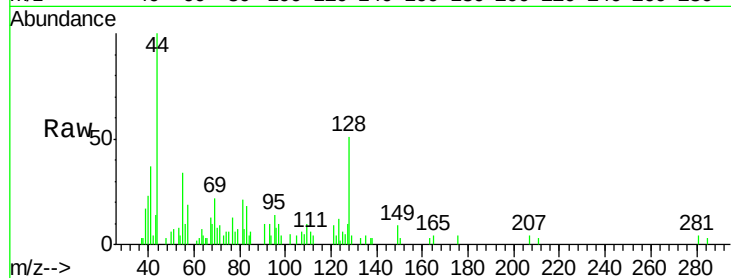




#95
Naphthalene
Concen: 3.61 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:128 Resp: 3407
Ion Ratio Lower Upper
128 100
127 19.8 9.6 14.4#
129 7.6 9.0 13.4#



#96
1,2,3-Trichlorobenzene
Concen: 2.97 ug/l
RT: 14.66 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion:180 Resp: 1283
Ion Ratio Lower Upper
180 100
182 59.2 46.9 140.7
145 29.7 17.0 50.9

