

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121018\
 Data File : VF060960.D
 Acq On : 10 Dec 2018 18:20
 Operator : VA/AP
 Sample : J6290-01RE
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Dec 11 04:58:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	706	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.58	114	917	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.77	117	294	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.57

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	62	7.45	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	14.90%	
35) Dibromofluoromethane	4.11	113	142	19.52	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	39.04%	
50) Toluene-d8	7.56	98	537	25.06	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	50.12%	
62) 4-Bromofluorobenzene	11.23	95	68	6.98	ug/l	-0.21
Spiked Amount	50.000		Recovery	=	13.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.82	85	69	6.536	ug/l #	41
3) Chloromethane	1.04	50	85	12.374	ug/l #	41
5) Bromomethane	1.33	94	507	112.217	ug/l #	2
6) Chloroethane	1.45	64	70	25.274	ug/l #	1
8) Diethyl Ether	1.65	74	147	74.360	ug/l	100
10) Methyl Iodide	2.02	142	81	7.668	ug/l #	26
11) Tert butyl alcohol	2.54	59	59	173.056	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	85	15.205	ug/l #	1
13) Acrolein	1.99	56	323	999.937	ug/l	89
14) Allyl chloride	2.11	41	365	52.385	ug/l #	85
15) Acrylonitrile	2.94	53	227	296.989	ug/l #	75
16) Acetone	2.24	43	540	352.093	ug/l #	65
17) Carbon Disulfide	1.92	76	152	10.141	ug/l #	68
18) Methyl Acetate	2.38	43	213	83.901	ug/l	97
19) Methyl tert-butyl Ether	2.45	73	166	13.184	ug/l #	1
20) Methylene Chloride	2.24	84	135	23.994	ug/l #	1
21) trans-1,2-Dichloroethene	2.28	96	76	14.102	ug/l #	1
22) Diisopropyl ether	2.83	45	554	29.210	ug/l #	31
23) Vinyl Acetate	3.16	43	543	62.634	ug/l #	80
24) 1,1-Dichloroethane	2.83	63	204	18.079	ug/l #	86
25) 2-Butanone	4.30	43	616	232.213	ug/l #	57
26) 2,2-Dichloropropane	3.59	77	162	22.145	ug/l #	60
27) cis-1,2-Dichloroethene	3.48	96	69	7.864	ug/l	1
29) Tetrahydrofuran	4.09	42	274	243.673	ug/l #	37
30) Chloroform	3.84	83	119	6.852	ug/l #	17
31) Cyclohexane	3.71	56	67	5.721	ug/l #	15
37) Ethyl Acetate	4.09	43	520	125.809	ug/l #	14
39) Methylcyclohexane	5.50	83	82	7.693	ug/l #	13
41) Methacrylonitrile	4.74	41	406	201.472	ug/l #	23
42) 1,2-Dichloroethane	4.87	62	83	10.118	ug/l	76
43) Isopropyl Acetate	6.93	43	418	83.805	ug/l #	49
48) Methyl methacrylate	6.64	41	1057	282.521	ug/l #	35
49) 1,4-Dioxane	6.92	88	60	2191.260	ug/l #	17
51) 4-Methyl-2-Pentanone	8.21	43	394	103.371	ug/l #	38

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QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

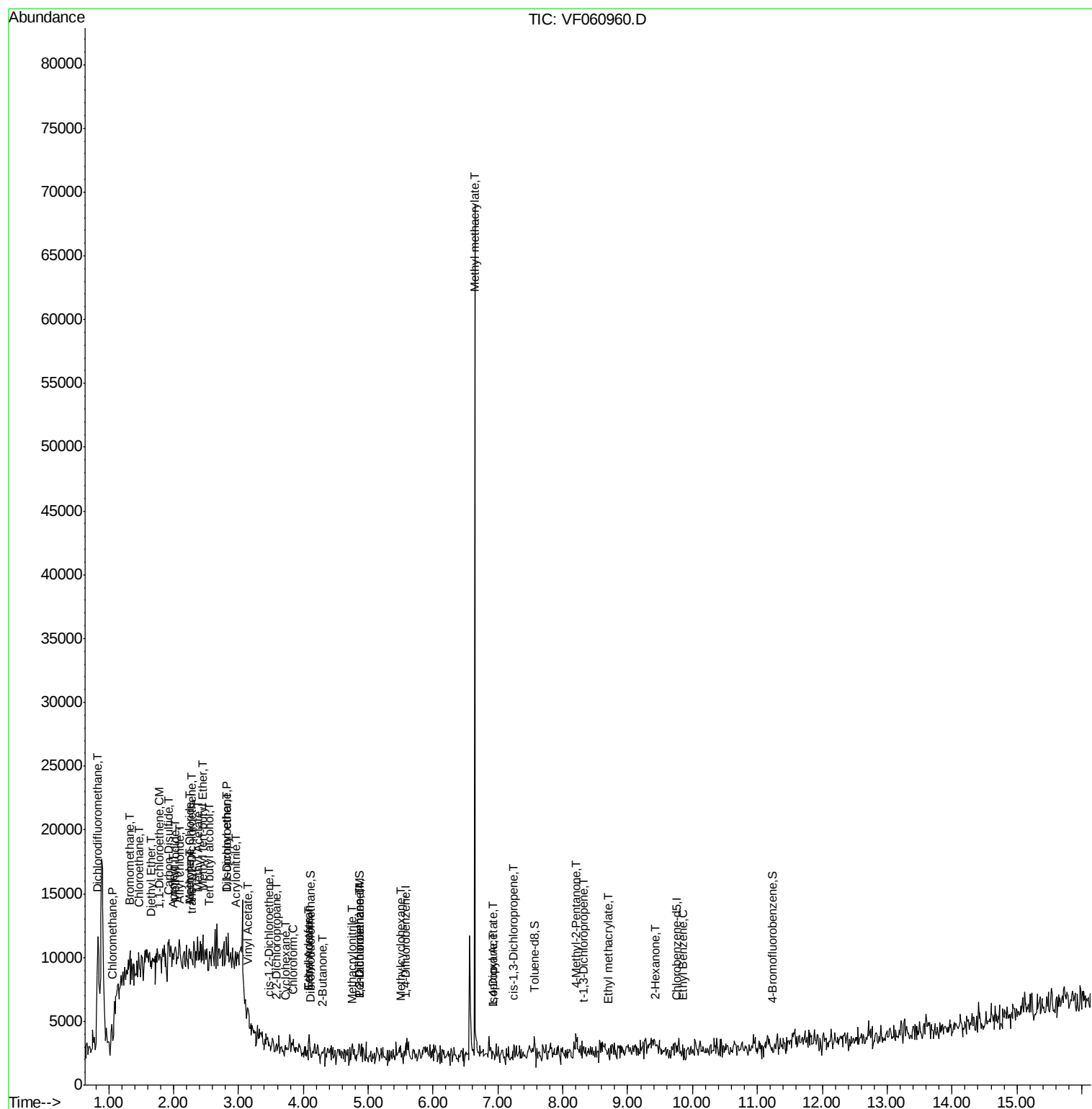
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) t-1,3-Dichloropropene	8.33	75	67	7.834	ug/l #	40
54) cis-1,3-Dichloropropene	7.25	75	62	5.856	ug/l #	26
56) Ethyl methacrylate	8.71	69	72	14.093	ug/l #	47
59) 2-Hexanone	9.44	43	114	42.633	ug/l #	27
67) Ethyl Benzene	9.85	91	64	6.011	ug/l #	47

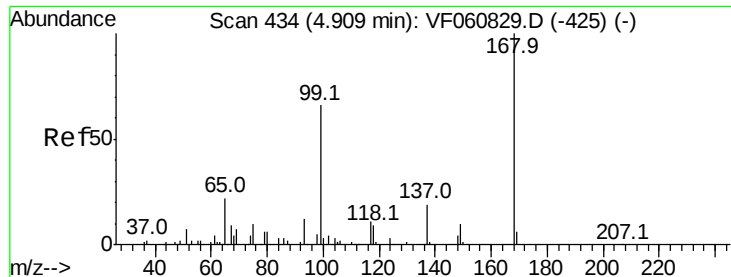
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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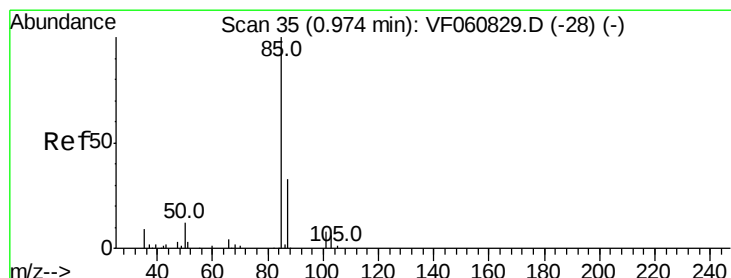
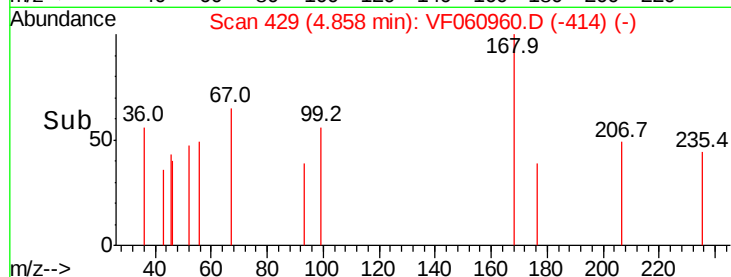
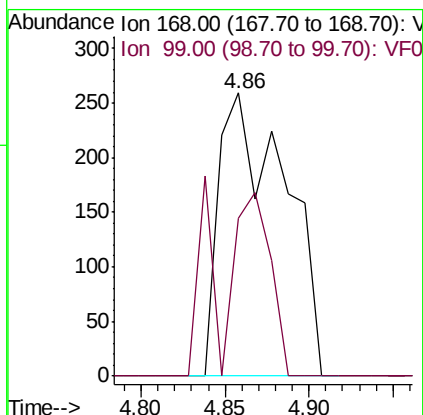
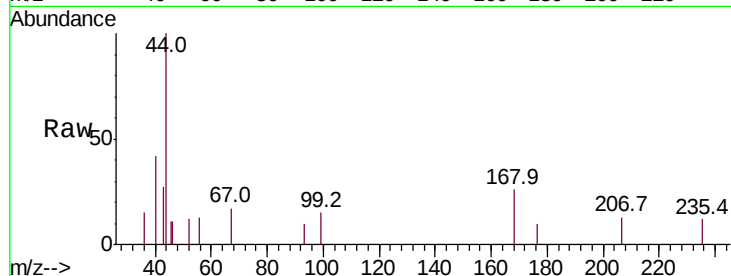




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

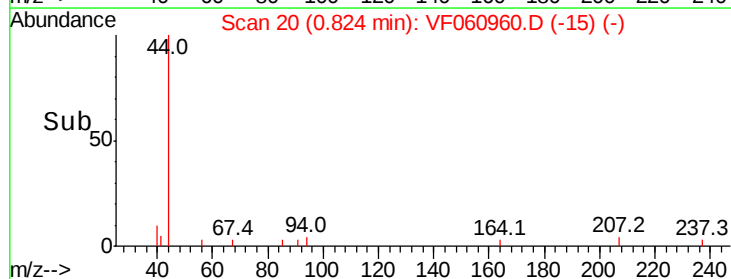
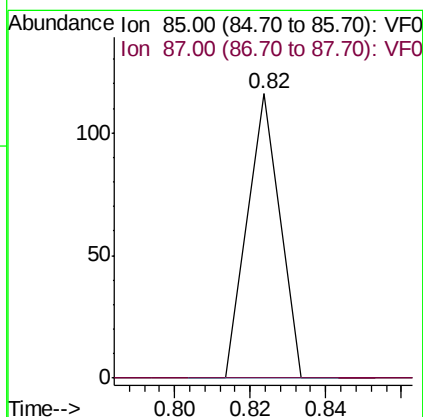
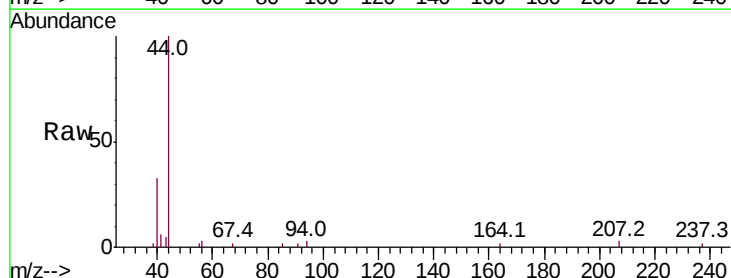
Instrument :
MSVOA_F
ClientSampleId :

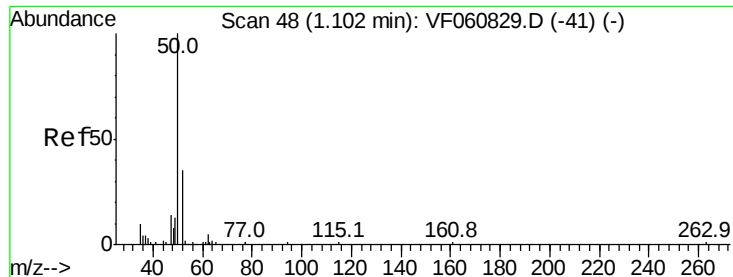
Tot Ion:168 Resp: 706
Ion Ratio Lower Upper
168 100
99 55.6 52.6 79.0



#2
Dichlorodifluoromethane
Concen: 6.536 ug/l
RT: 0.82 min Scan# 20
Delta R.T. -0.15 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

Tgt Ion: 85 Resp: 69
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.0#





#3

Chloromethane

Concen: 12.374 ug/l

RT: 1.04 min Scan# 42

Delta R.T. -0.06 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

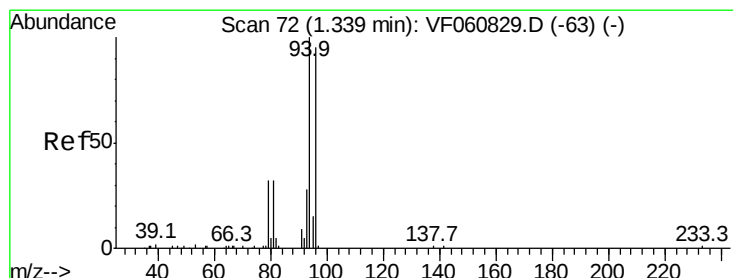
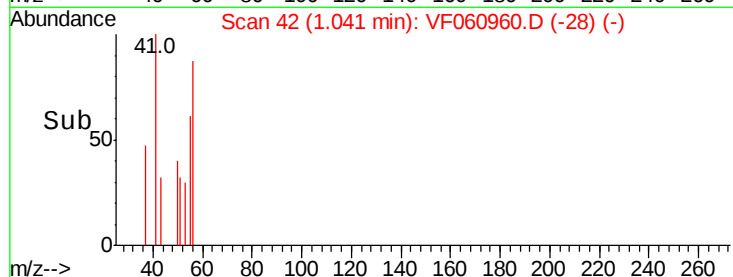
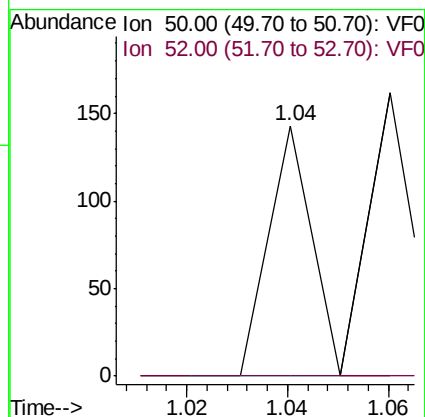
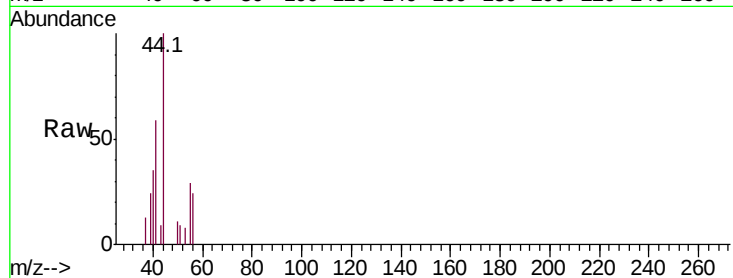
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 85

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.4#



#5

Bromomethane

Concen: 112.217 ug/l

RT: 1.33 min Scan# 71

Delta R.T. -0.01 min

Lab File: VF060960.D

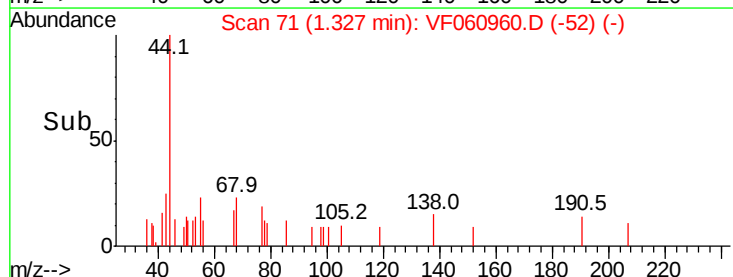
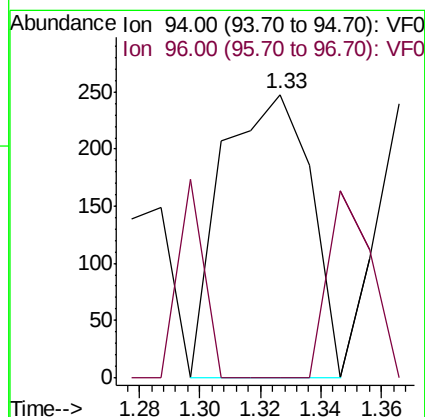
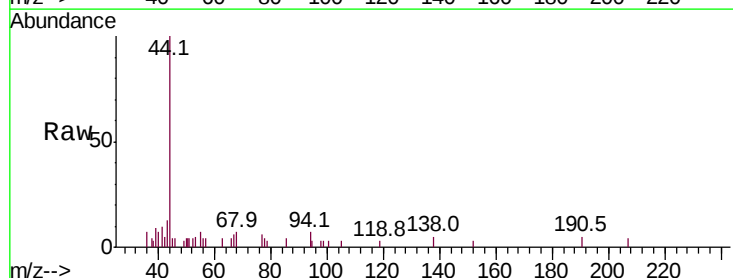
Acq: 10 Dec 2018 18:20

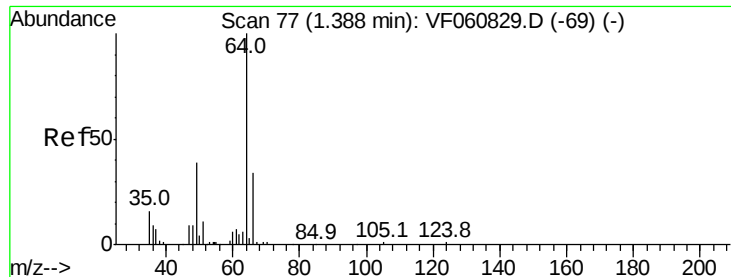
Tgt Ion: 94 Resp: 507

Ion Ratio Lower Upper

94 100

96 0.0 75.9 113.9#





#6

Chloroethane

Concen: 25.274 ug/l

RT: 1.45 min Scan# 84

Delta R.T. 0.07 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

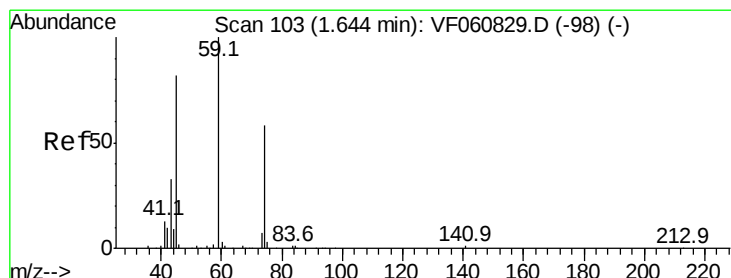
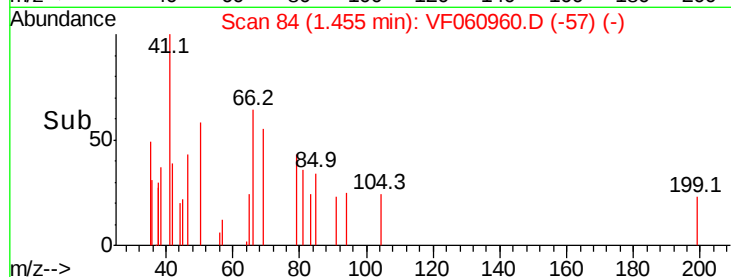
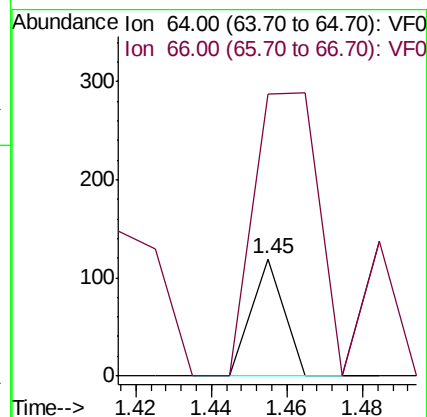
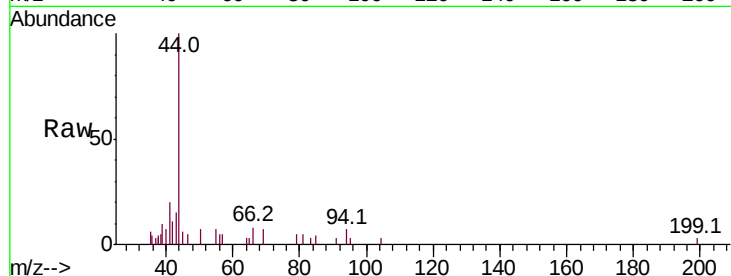
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 64 Resp: 70

Ion Ratio Lower Upper

64 100

66 241.2 28.1 42.1#



#8

Diethyl Ether

Concen: 74.360 ug/l

RT: 1.65 min Scan# 104

Delta R.T. 0.01 min

Lab File: VF060960.D

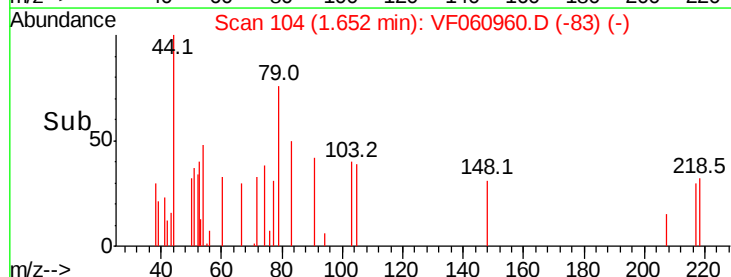
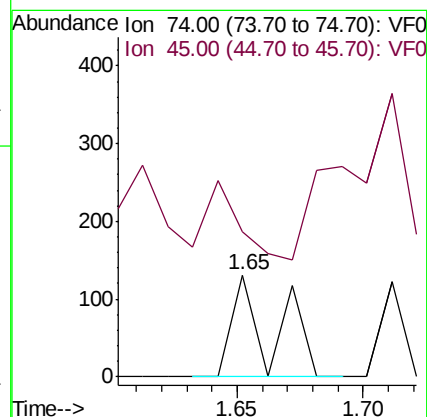
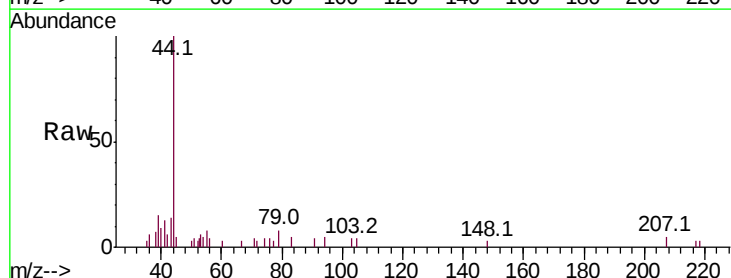
Acq: 10 Dec 2018 18:20

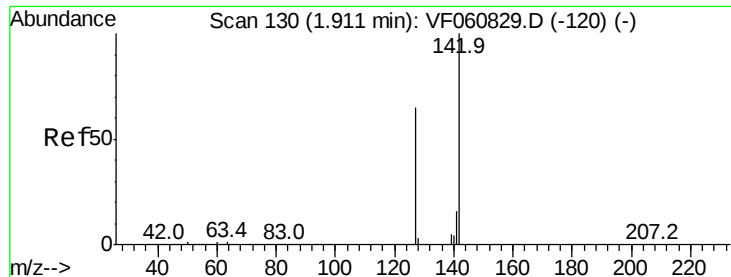
Tgt Ion: 74 Resp: 147

Ion Ratio Lower Upper

74 100

45 142.0 71.0 212.8





#10

Methyl Iodide

Concen: 7.668 ug/l

RT: 2.02 min Scan# 141

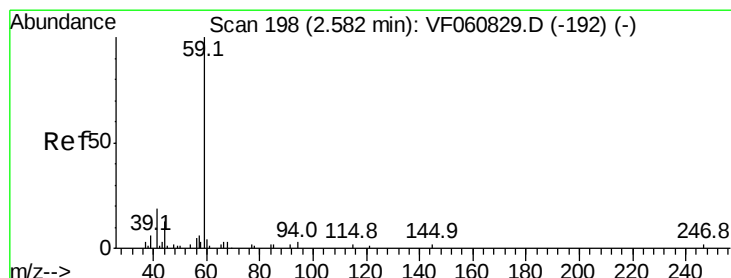
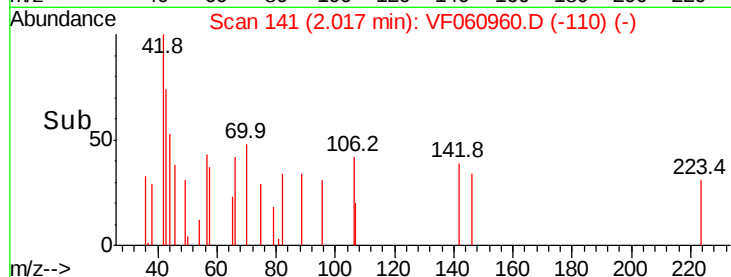
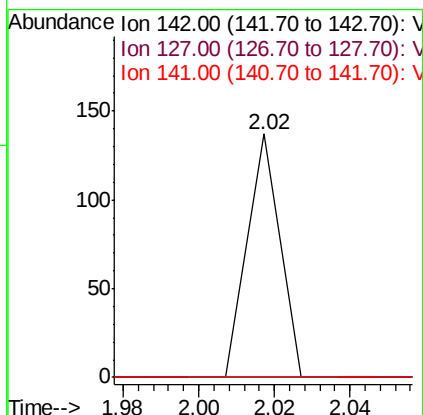
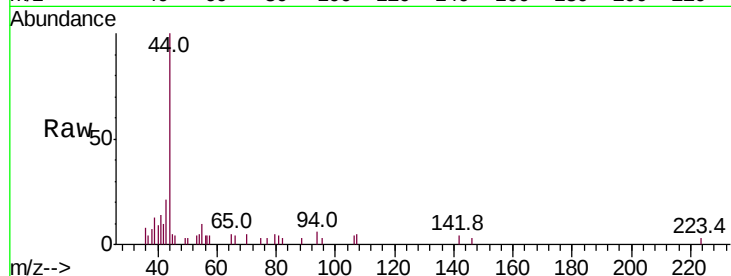
Delta R.T. 0.11 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	51.9	77.9#
141	0.0	12.7	19.1#



#11

Tert butyl alcohol

Concen: 173.056 ug/l

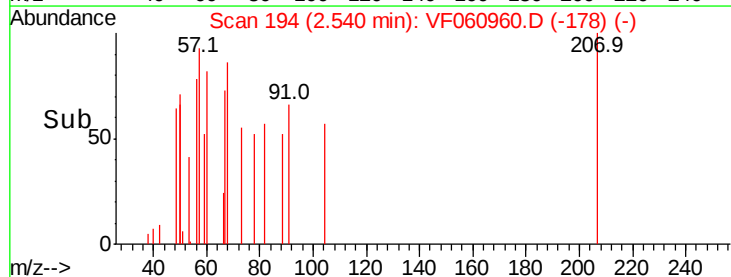
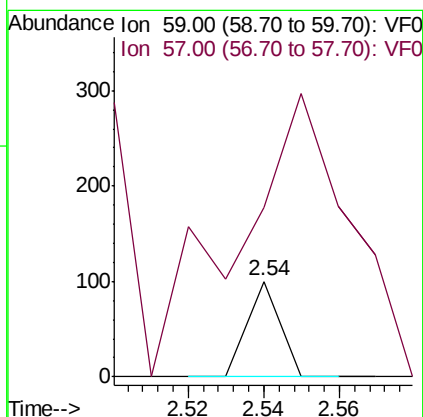
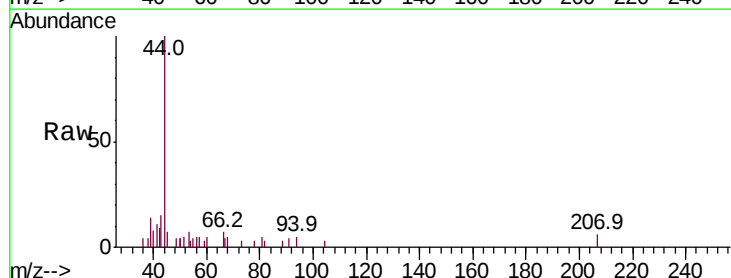
RT: 2.54 min Scan# 194

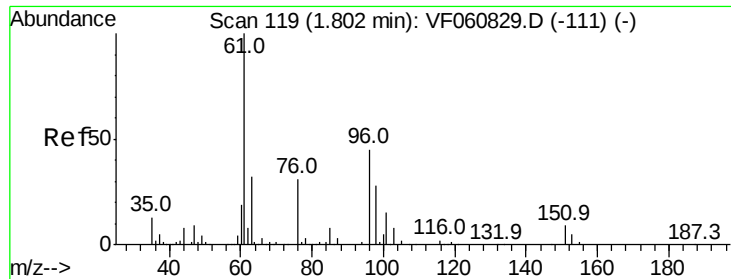
Delta R.T. -0.04 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Tgt Ion	Ratio	Lower	Upper
59	100		
57	178.0	12.7	19.1#





#12

1,1-Dichloroethene

Concen: 15.205 ug/l

RT: 1.79 min Scan# 118

Delta R.T. -0.01 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :
MSVOA_F
ClientSampled :

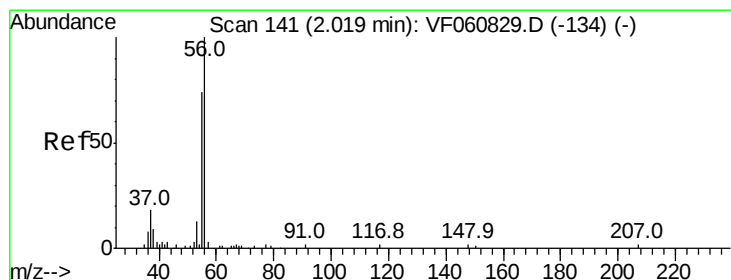
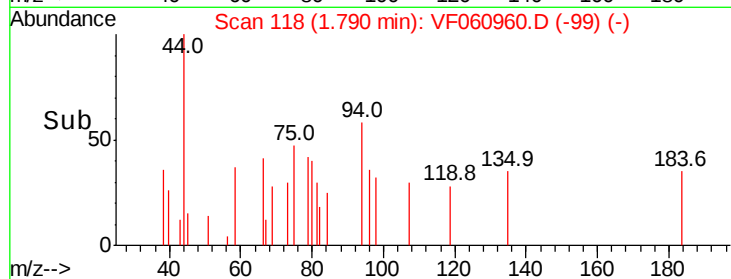
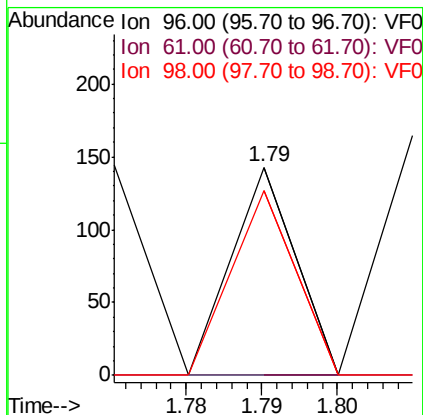
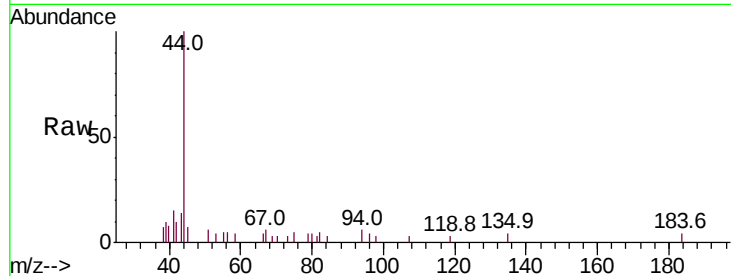
Tot Ion: 96 Resp: 85

Ion Ratio Lower Upper

96 100

61 0.0 177.3 265.9#

98 88.8 49.6 74.4#



#13

Acrolein

Concen: 999.937 ug/l

RT: 1.99 min Scan# 138

Delta R.T. -0.03 min

Lab File: VF060960.D

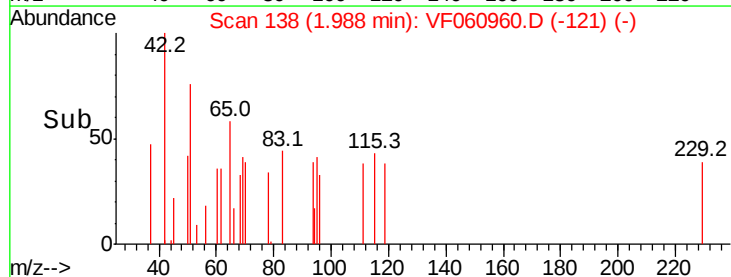
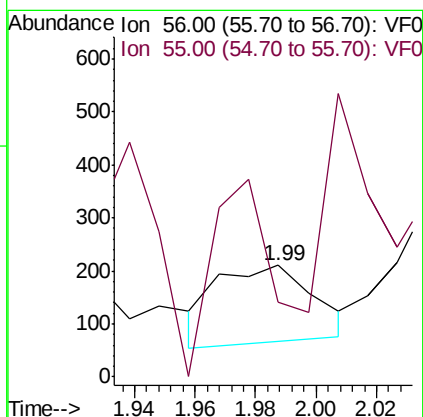
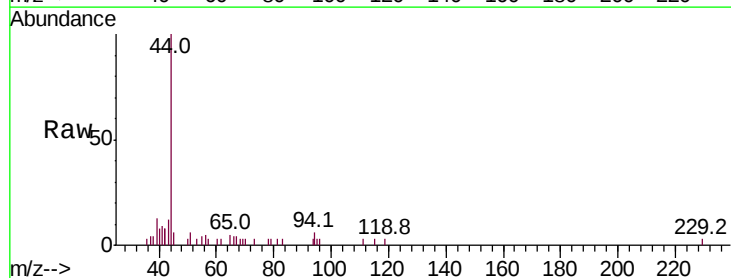
Acq: 10 Dec 2018 18:20

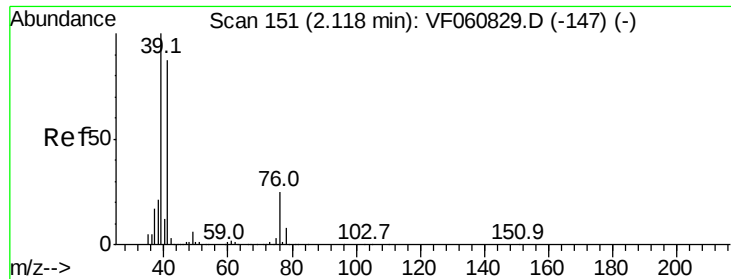
Tgt Ion: 56 Resp: 323

Ion Ratio Lower Upper

56 100

55 66.8 61.2 91.8





#14

Allvl chloride

Concen: 52.385 ug/l

RT: 2.11 min Scan# 150

Delta R.T. -0.01 min

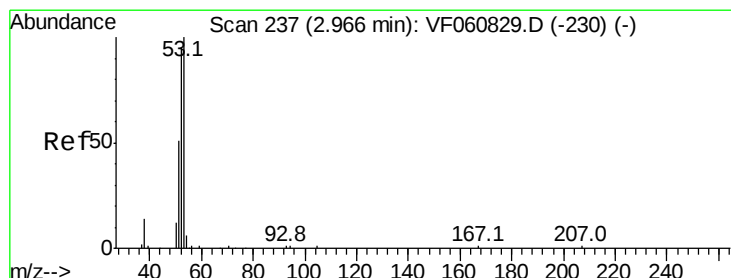
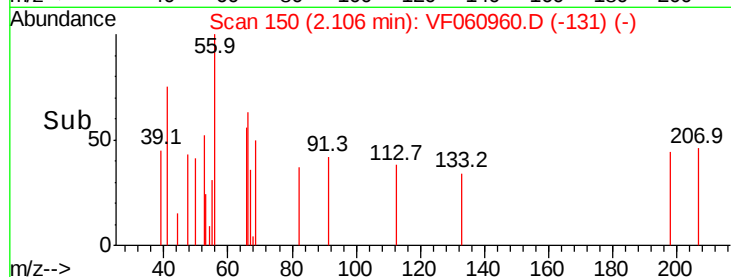
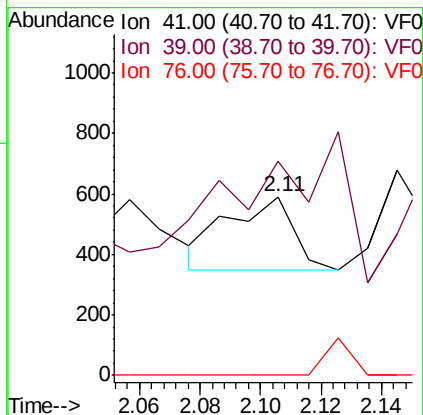
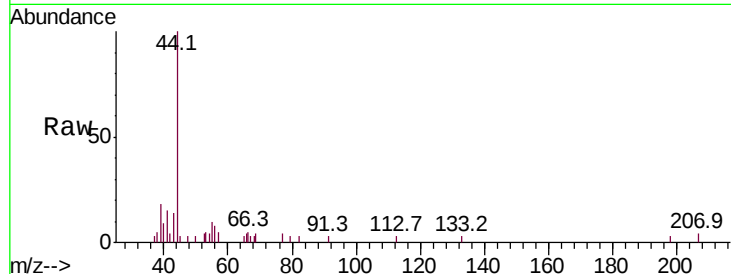
Lab File: VF060960.D

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MSVOA_F
ClientSampled :

Tot Ion: 41 Resp: 365

Ion	Ratio	Lower	Upper
41	100		
39	120.1	91.7	137.5
76	0.0	23.5	35.3#



#15

Acrylonitrile

Concen: 296.989 ug/l

RT: 2.94 min Scan# 235

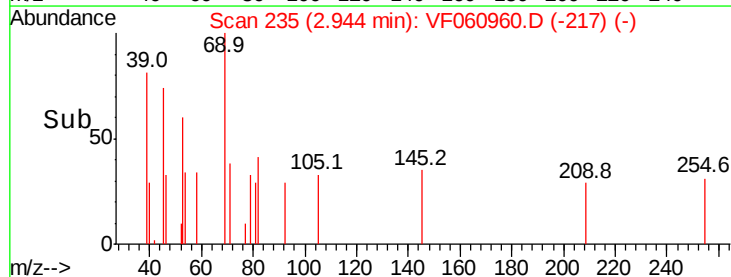
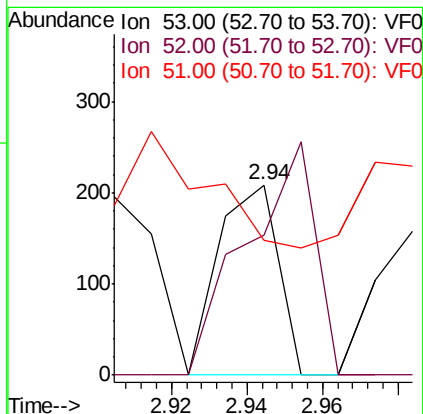
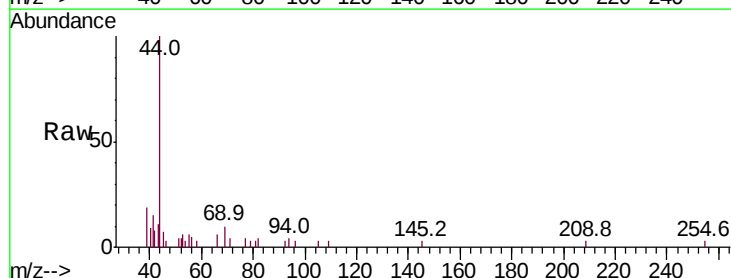
Delta R.T. -0.02 min

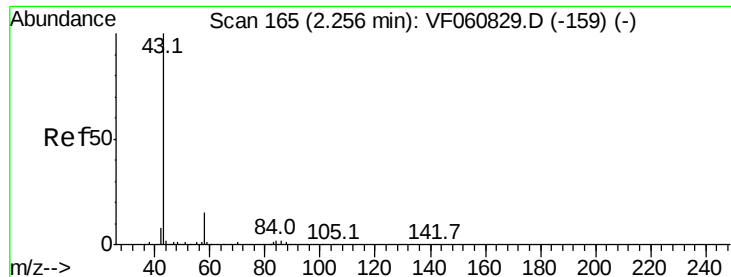
Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Tgt Ion: 53 Resp: 227

Ion	Ratio	Lower	Upper
53	100		
52	73.7	76.5	114.7#
51	70.8	40.7	61.1#





#16

Acetone

Concen: 352.093 ug/l

RT: 2.24 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

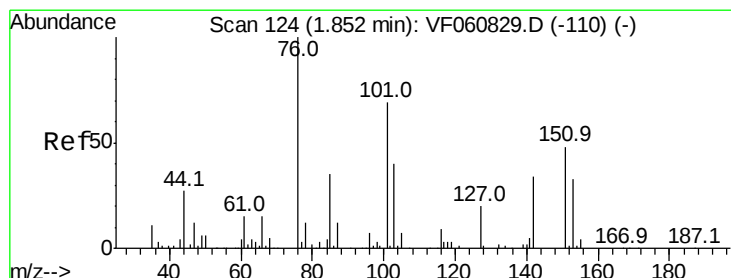
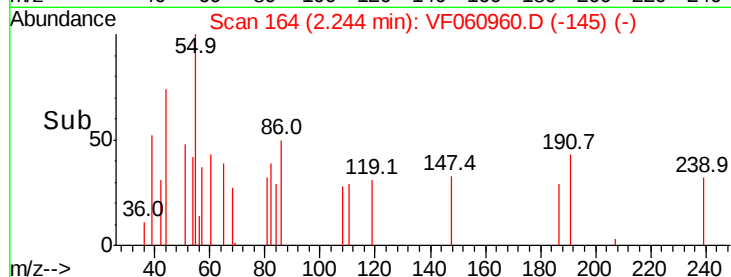
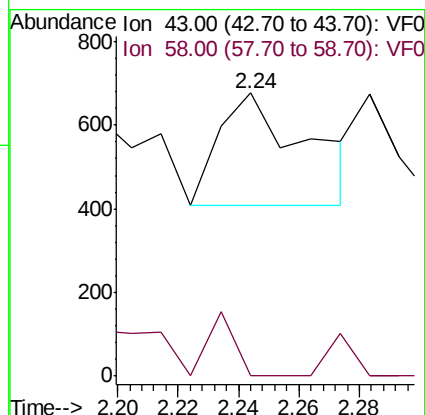
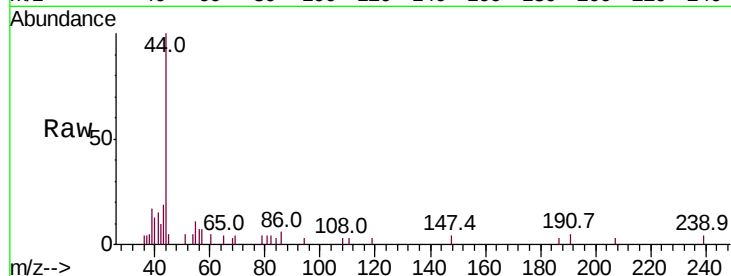
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.2#



#17

Carbon Disulfide

Concen: 10.141 ug/l

RT: 1.92 min Scan# 131

Delta R.T. 0.07 min

Lab File: VF060960.D

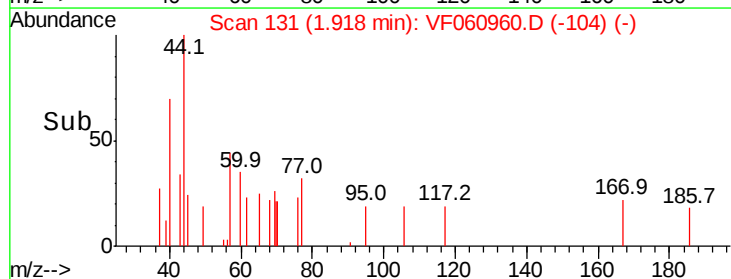
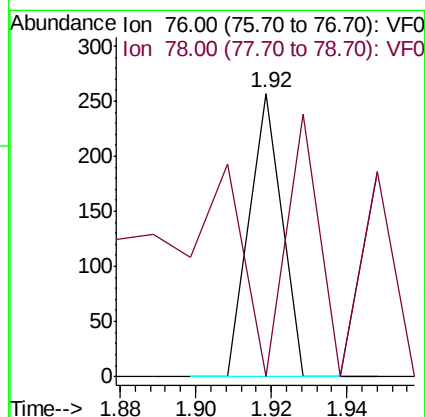
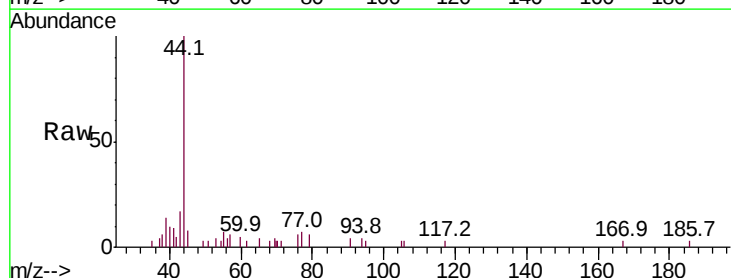
Acq: 10 Dec 2018 18:20

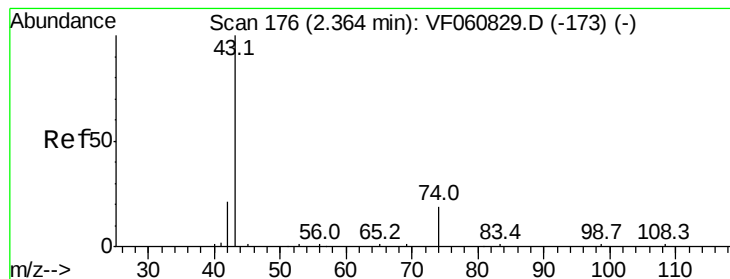
Tgt Ion: 76 Resp: 152

Ion Ratio Lower Upper

76 100

78 0.0 10.2 15.2#





#18

Methyl Acetate

Concen: 83.901 ug/l

RT: 2.38 min Scan# 178

Delta R.T. 0.02 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :

MSVOA_F

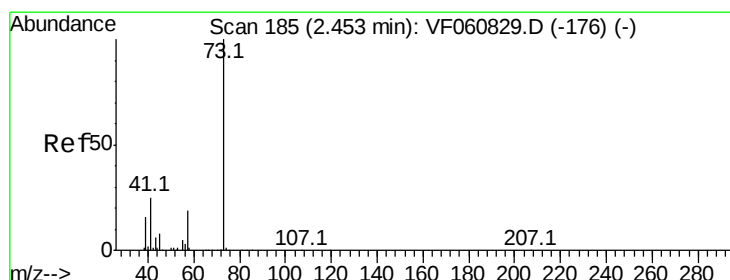
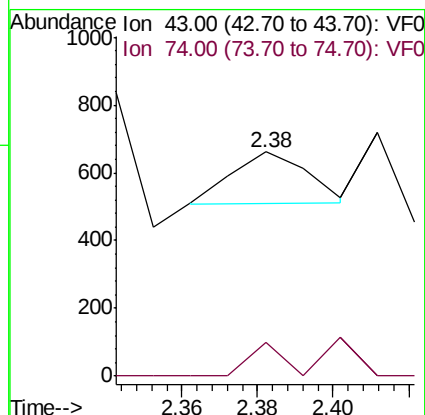
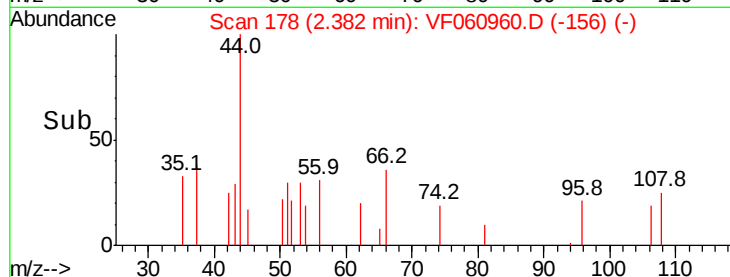
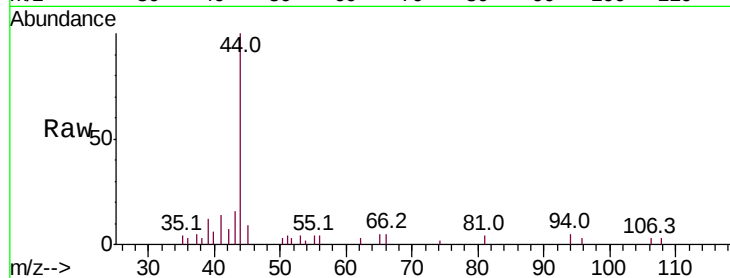
ClientSampleId :

Tot Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

74 15.3 13.3 19.9



#19

Methyl tert-butyl Ether

Concen: 13.184 ug/l

RT: 2.45 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF060960.D

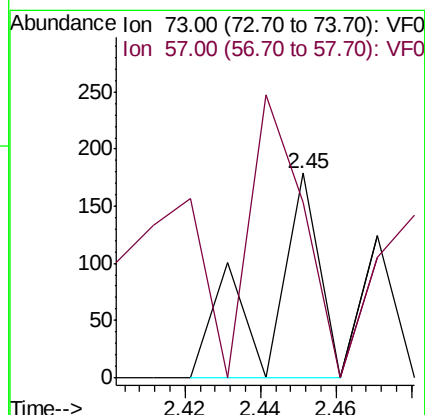
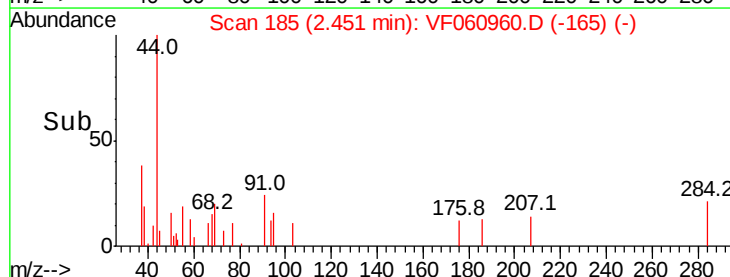
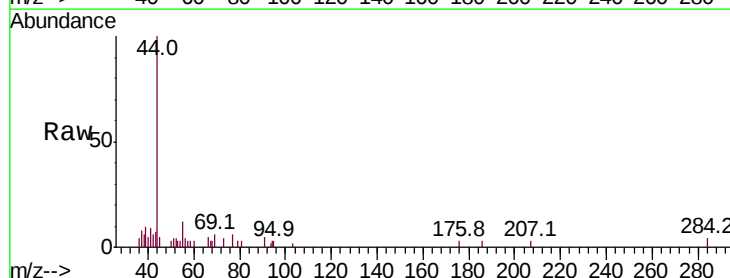
Acq: 10 Dec 2018 18:20

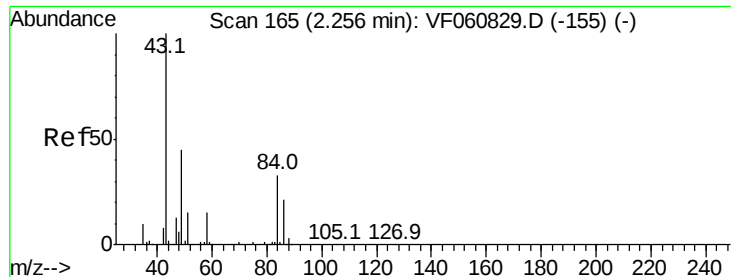
Tgt Ion: 73 Resp: 166

Ion Ratio Lower Upper

73 100

57 85.5 15.3 22.9#





#20

Methvlene Chloride

Concen: 23.994 ug/l

RT: 2.24 min Scan# 164

Delta R.T. -0.01 min

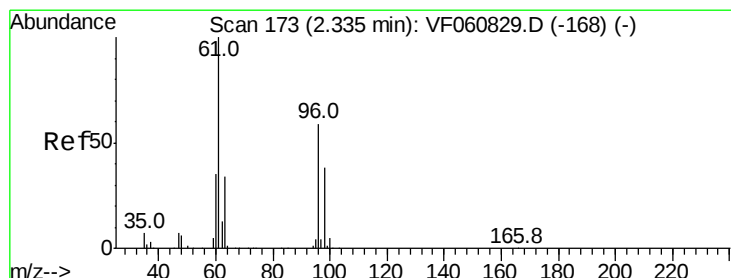
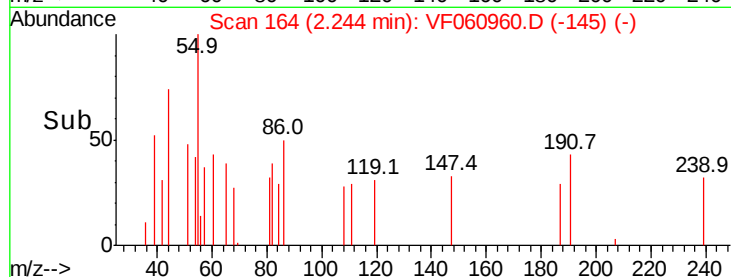
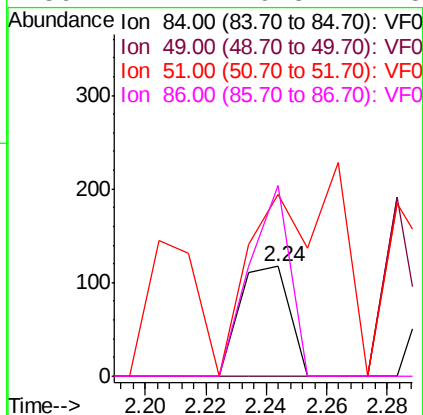
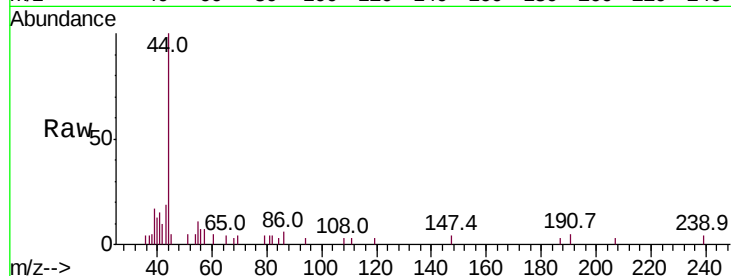
Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 84 Resp: 135

Ion	Ratio	Lower	Upper
84	100		
49	0.0	111.3	166.9#
51	165.8	38.0	57.0#
86	174.4	49.8	74.8#



#21

trans-1,2-Dichloroethene

Concen: 14.102 ug/l

RT: 2.28 min Scan# 168

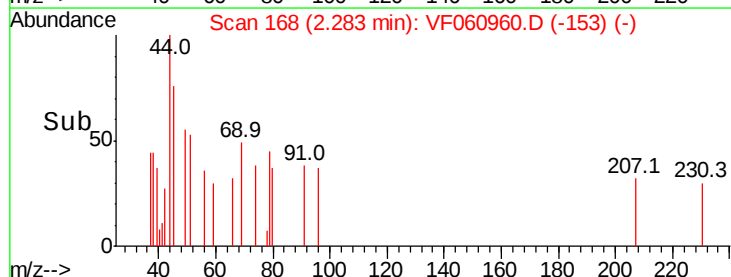
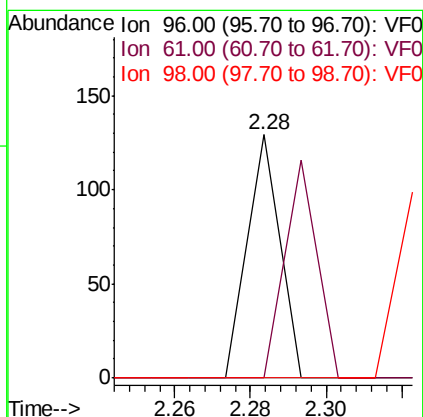
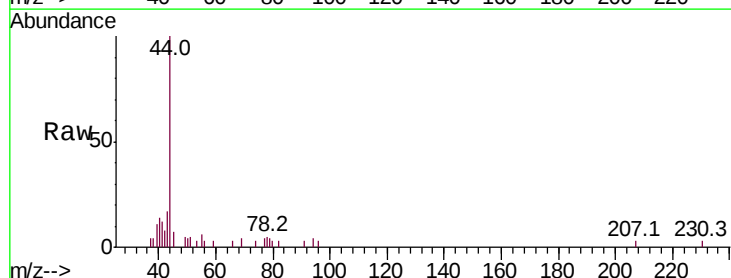
Delta R.T. -0.05 min

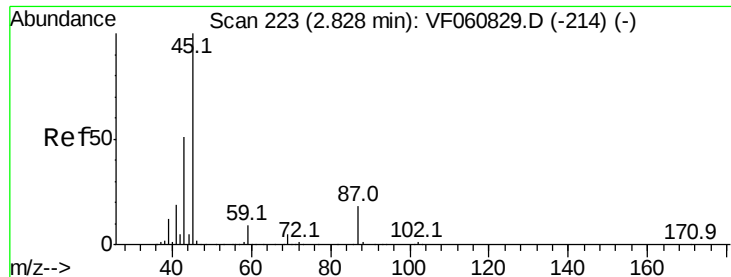
Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Tgt Ion: 96 Resp: 76

Ion	Ratio	Lower	Upper
96	100		
61	0.0	134.5	201.7#
98	0.0	51.6	77.4#





#22

Diisopropyl ether

Concen: 29.210 ug/l

RT: 2.83 min Scan# 223

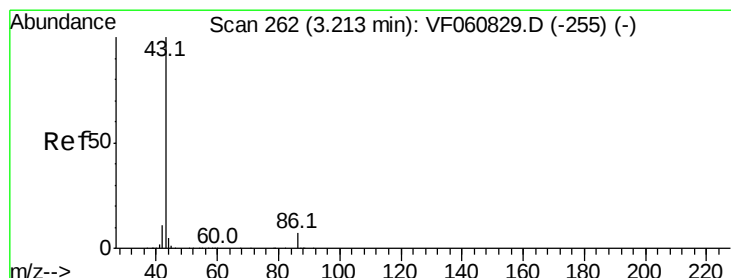
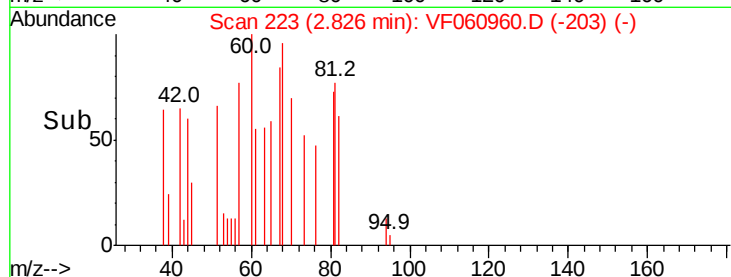
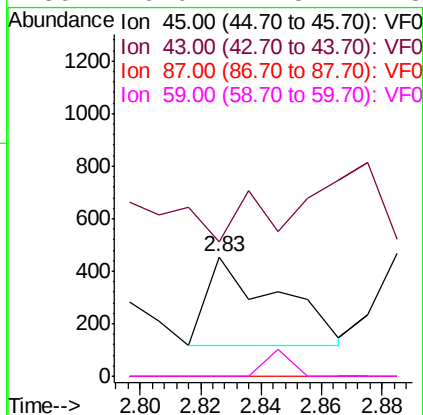
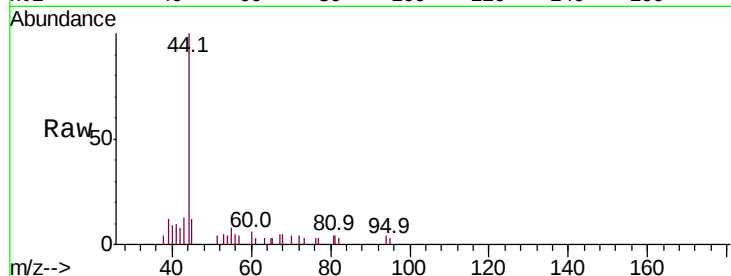
Delta R.T. -0.00 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	45	Resp:	554
Ion	Ratio	Lower	Upper
45	100		
43	112.3	41.0	61.6#
87	0.0	14.6	22.0#
59	0.0	7.5	11.3#



#23

Vinyl Acetate

Concen: 62.634 ug/l

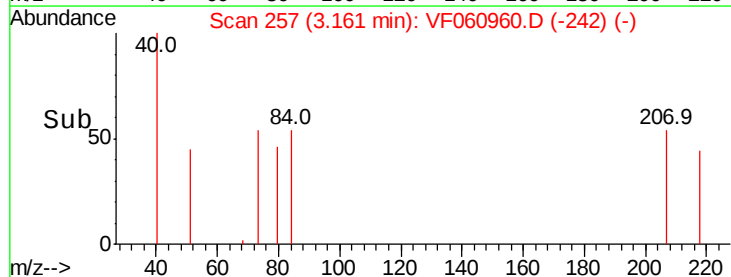
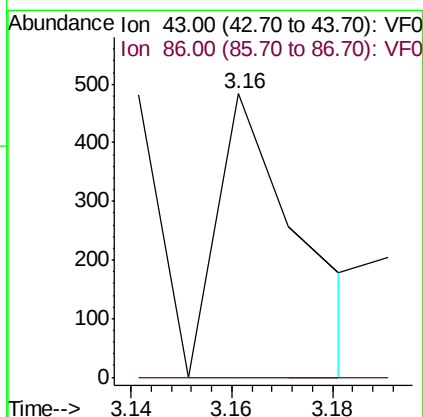
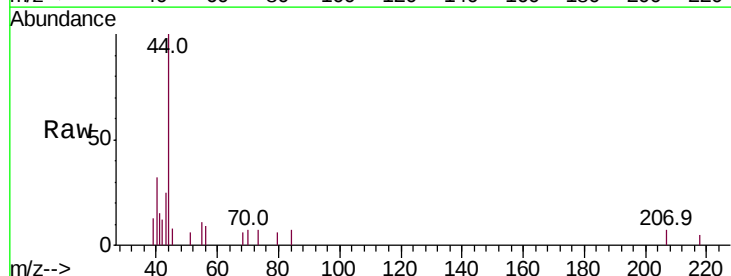
RT: 3.16 min Scan# 257

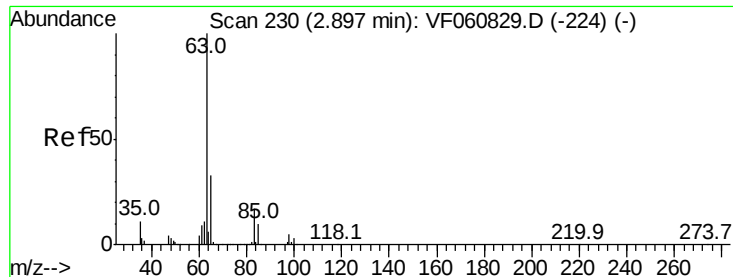
Delta R.T. -0.05 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Tgt Ion:	43	Resp:	543
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.0#





#24

1,1-Dichloroethane

Concen: 18.079 ug/l

RT: 2.83 min Scan# 223

Delta R.T. -0.07 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :

MSVOA_F

ClientSampled :

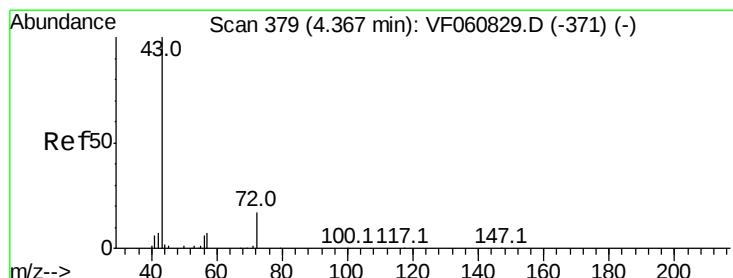
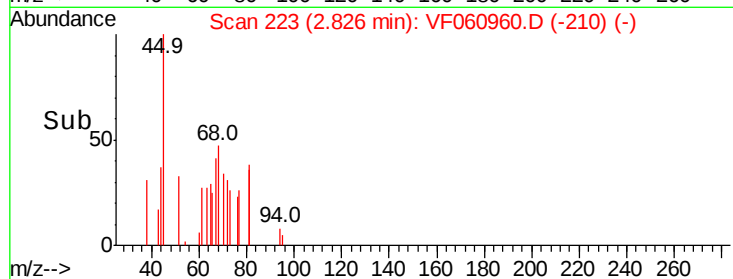
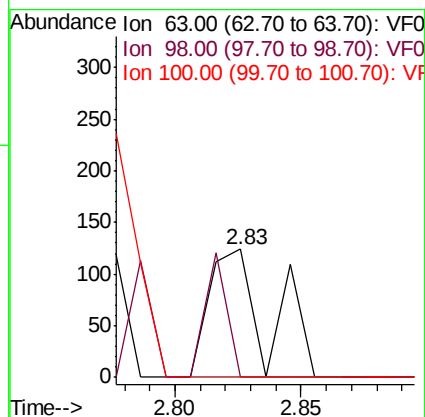
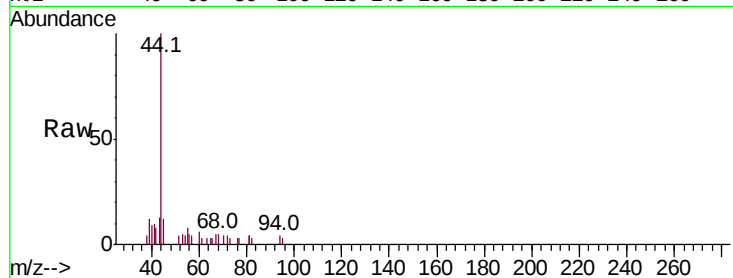
Tot Ion: 63 Resp: 204

Ion Ratio Lower Upper

63 100

98 0.0 2.7 8.1#

100 0.0 1.5 4.5#



#25

2-Butanone

Concen: 232.213 ug/l

RT: 4.30 min Scan# 372

Delta R.T. -0.07 min

Lab File: VF060960.D

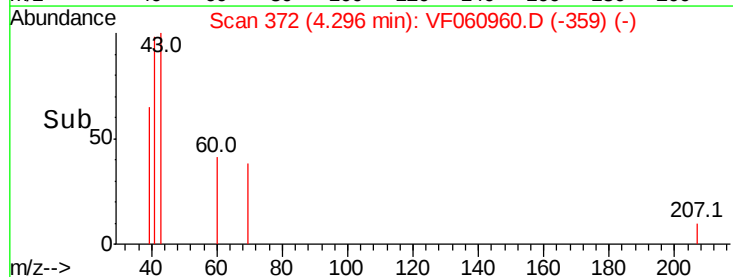
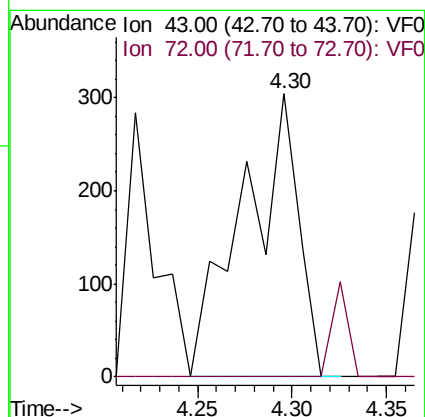
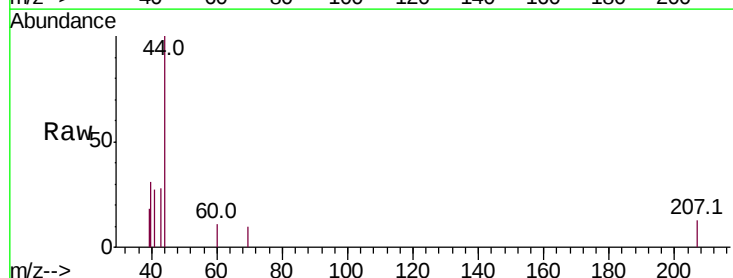
Acq: 10 Dec 2018 18:20

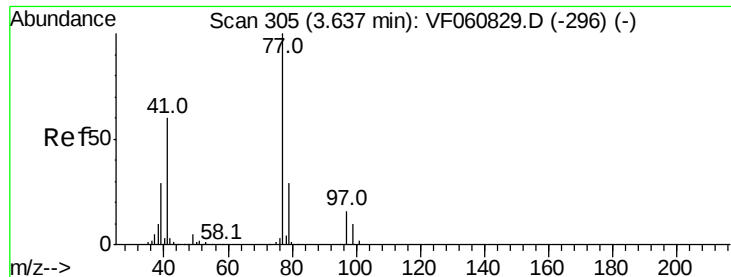
Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

43 100

72 0.0 15.4 23.2#





#26

2,2-Dichloropropane

Concen: 22.145 ug/l

RT: 3.59 min Scan# 300

Delta R.T. -0.05 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :

MSVOA_F

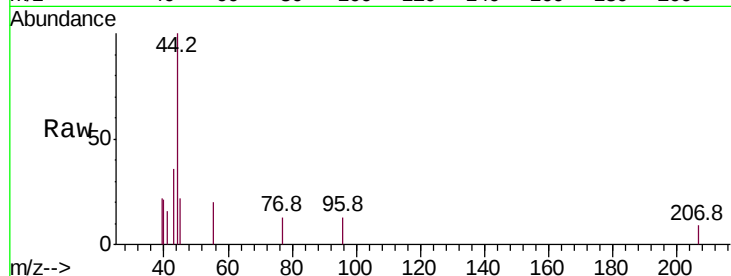
ClientSampleId :

Tot Ion: 77 Resp: 162

Ion Ratio Lower Upper

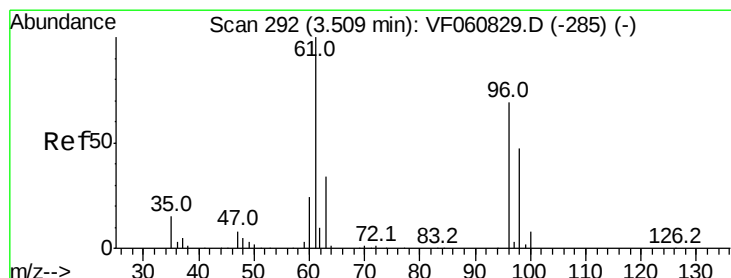
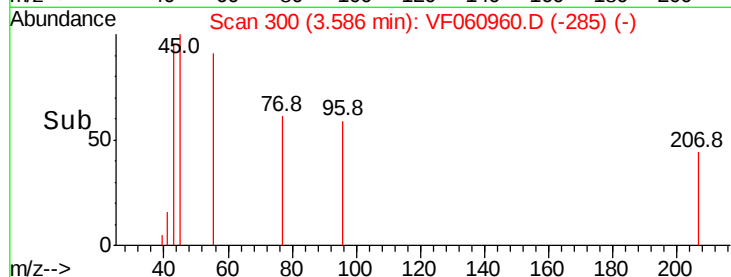
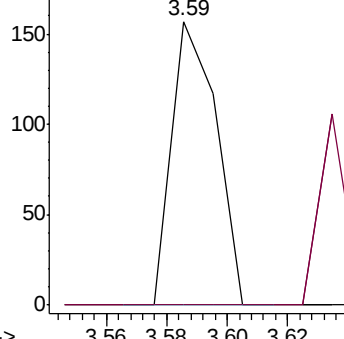
77 100

97 0.0 8.6 25.8#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#27

cis-1,2-Dichloroethene

Concen: 7.864 ug/l

RT: 3.48 min Scan# 289

Delta R.T. -0.03 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

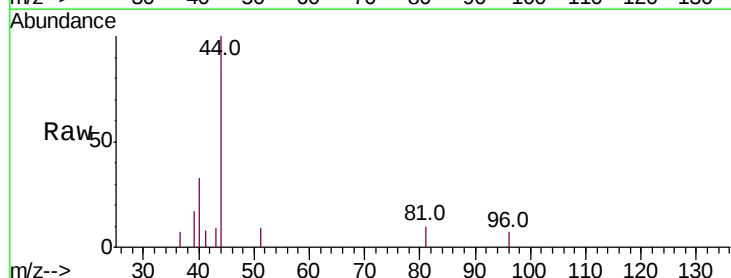
Tgt Ion: 96 Resp: 69

Ion Ratio Lower Upper

96 100

61 0.0 0.0 290.6

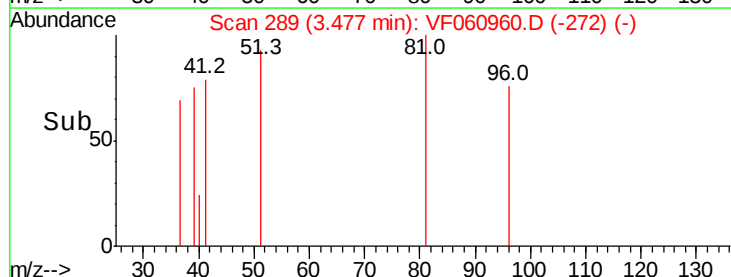
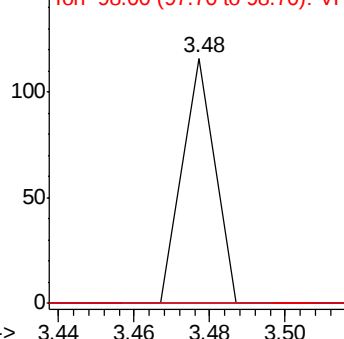
98 0.0 0.0 137.8

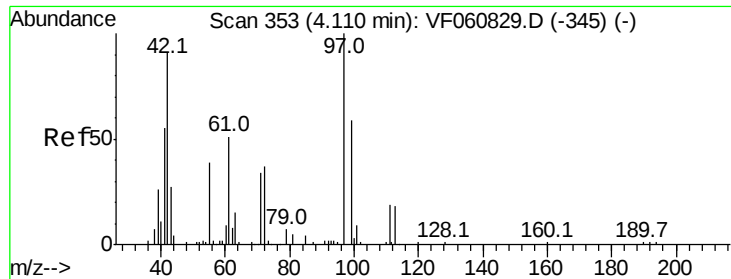


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

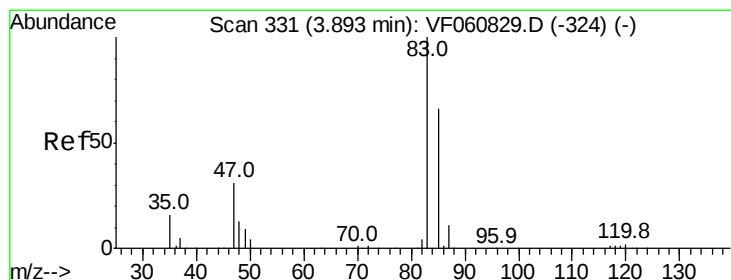
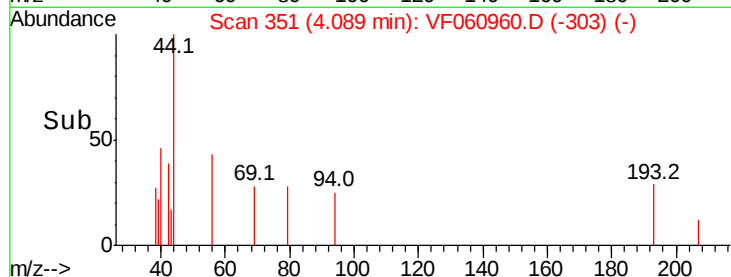
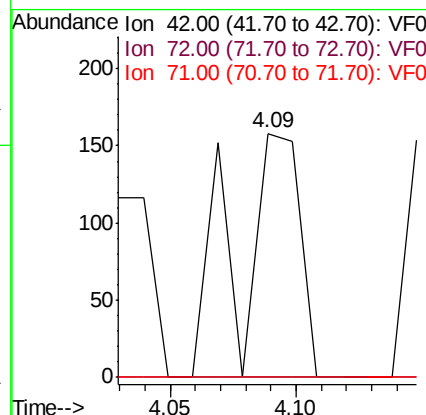
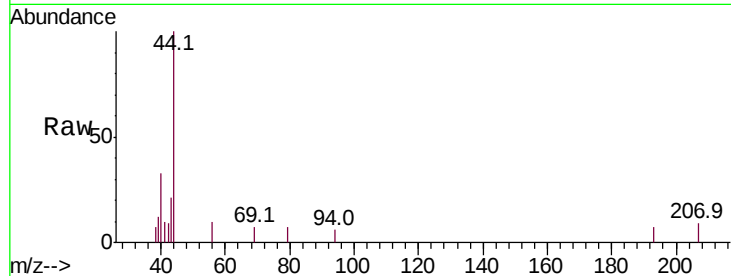




#29
Tetrahydrofuran
Concen: 243.673 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

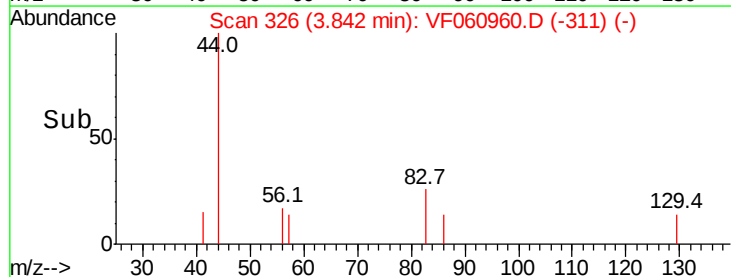
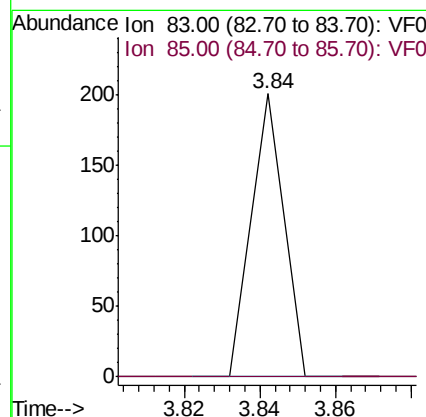
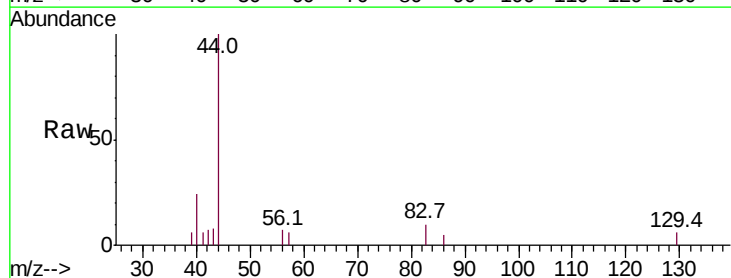
Instrument :
MSVOA_F
ClientSampled :

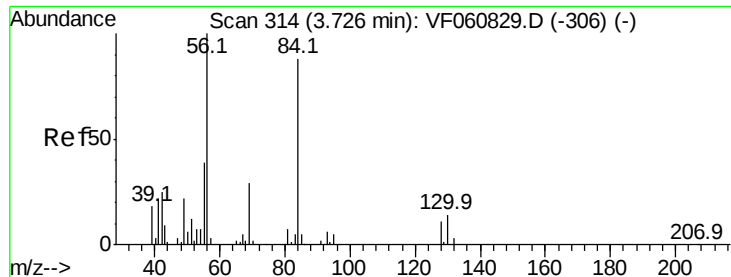
Tot Ion: 42 Resp: 274
Ion Ratio Lower Upper
42 100
72 0.0 31.9 47.9#
71 0.0 28.7 43.1#



#30
Chloroform
Concen: 6.852 ug/l
RT: 3.84 min Scan# 326
Delta R.T. -0.05 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

Tgt Ion: 83 Resp: 119
Ion Ratio Lower Upper
83 100
85 0.0 53.4 80.2#





#31

Cyclohexane

Concen: 5.721 ug/l

RT: 3.71 min Scan# 313

Delta R.T. -0.01 min

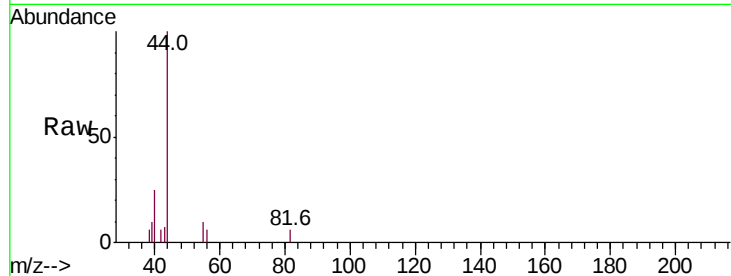
Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 67

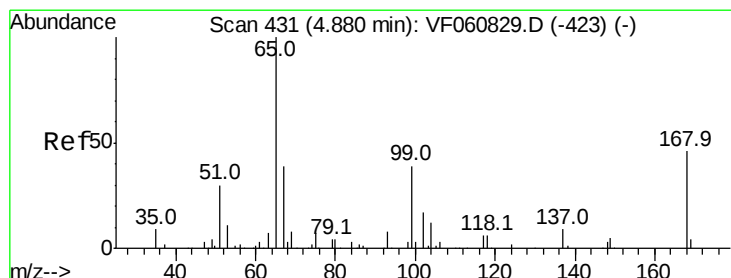
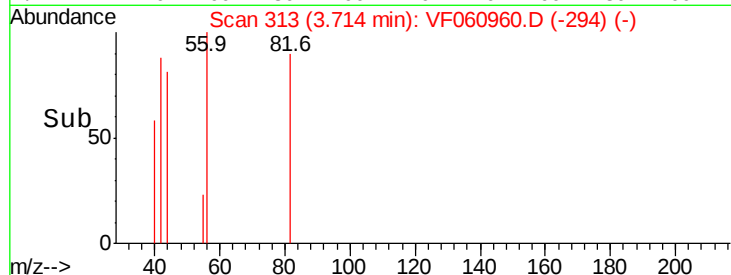
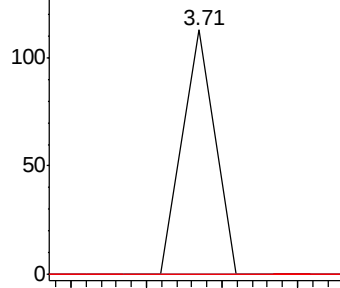
Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.0	34.4#
84	0.0	70.4	105.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 7.455 ug/l

RT: 4.85 min Scan# 428

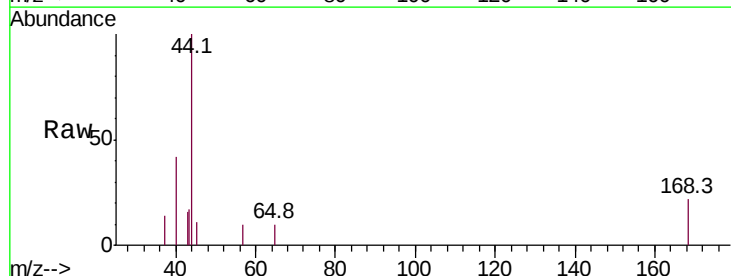
Delta R.T. -0.03 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

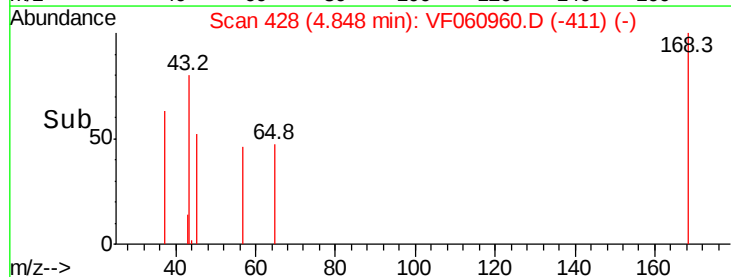
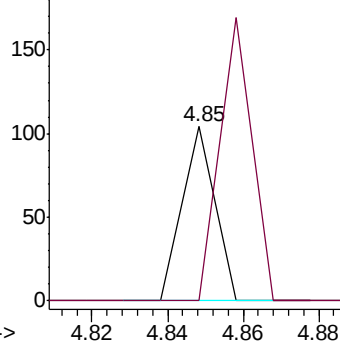
Tgt Ion: 65 Resp: 62

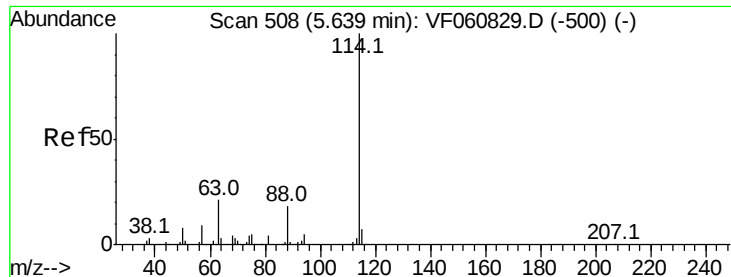
Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.06 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :

MSVOA_F

ClientSampled :

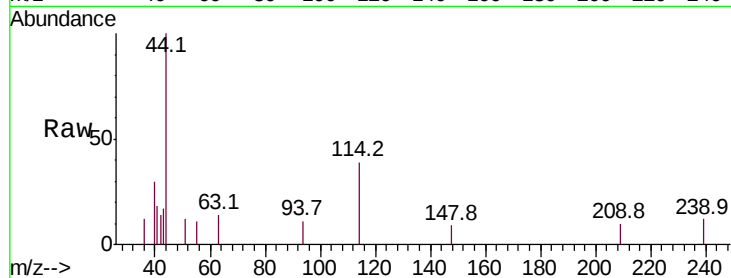
Tot Ion:114 Resp: 917

Ion Ratio Lower Upper

114 100

63 37.3 0.0 41.6

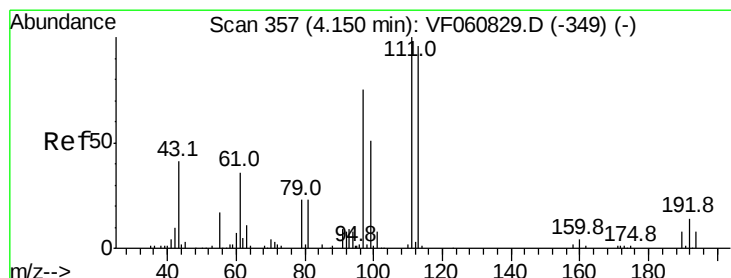
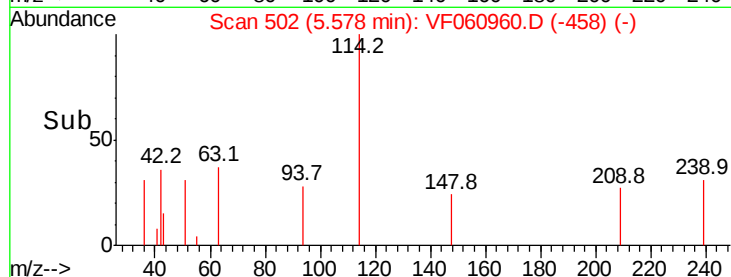
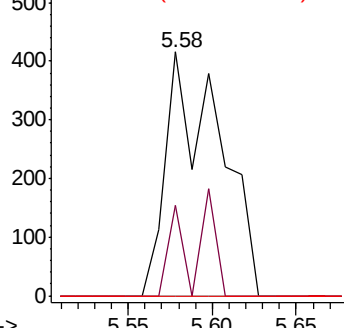
88 0.0 0.0 36.6



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: 19.519 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

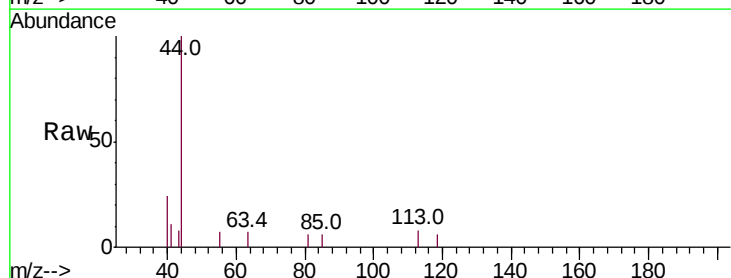
Tgt Ion:113 Resp: 142

Ion Ratio Lower Upper

113 100

111 0.0 83.0 124.6#

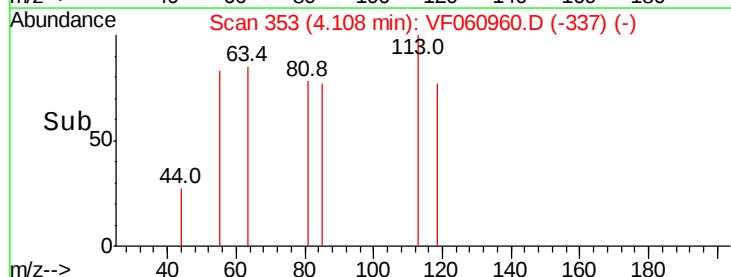
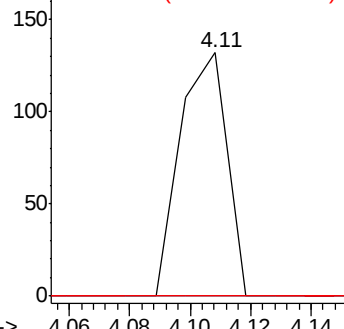
192 0.0 12.3 18.5#

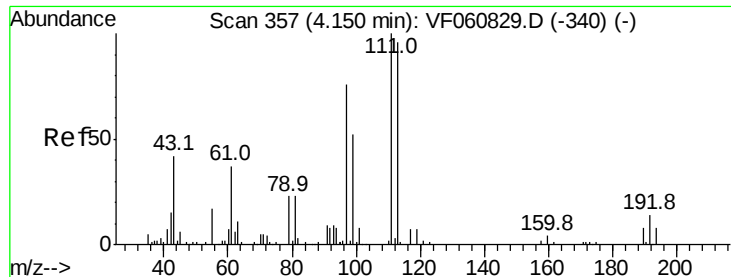


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

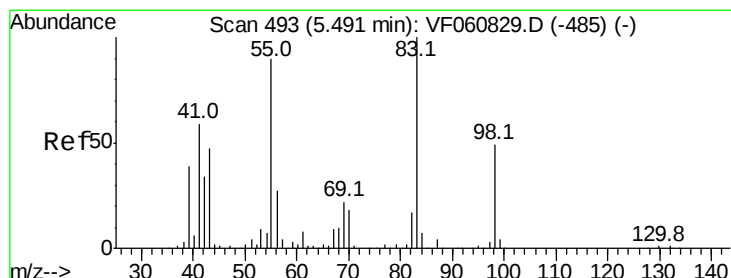
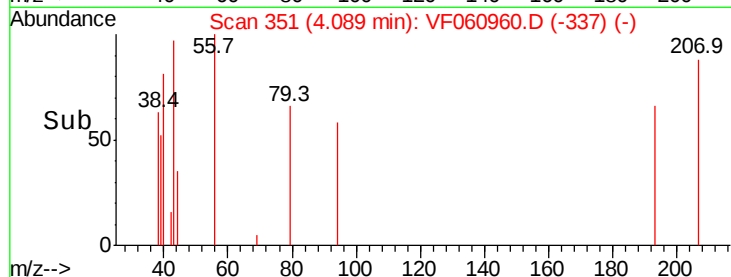
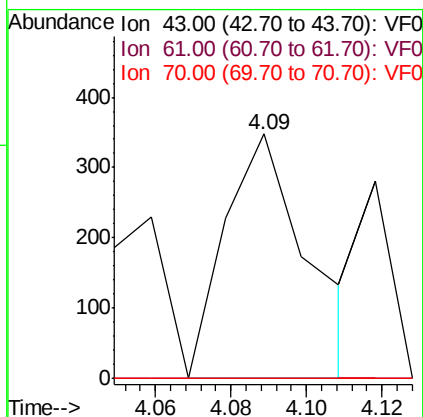
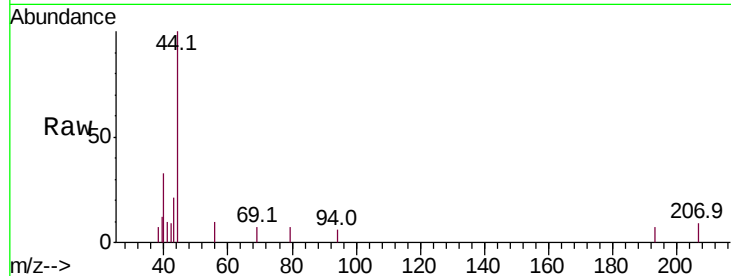




#37
Ethyl Acetate
Concen: 125.809 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.06 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

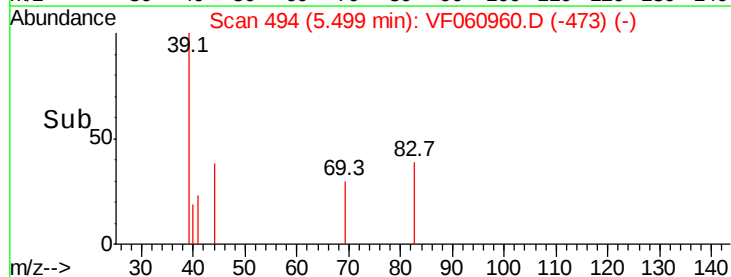
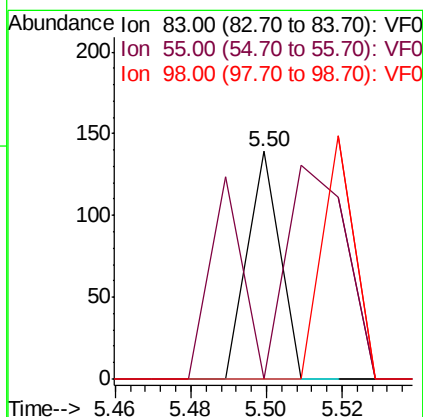
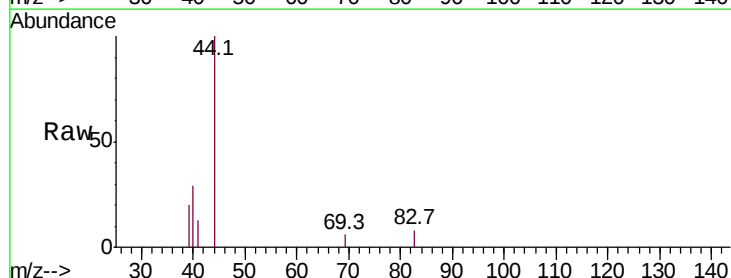
Instrument :
MSVOA_F
ClientSampled :

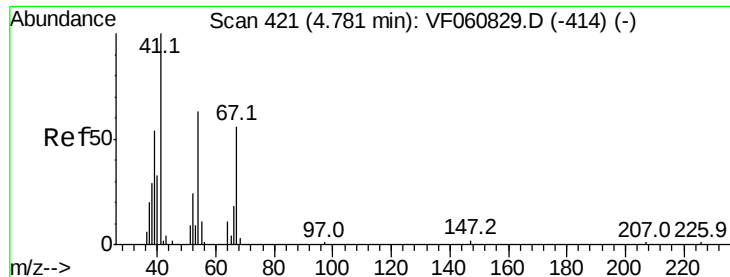
Tot Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
61 0.0 68.6 103.0#
70 0.0 9.0 13.4#



#39
Methylcyclohexane
Concen: 7.693 ug/l
RT: 5.50 min Scan# 494
Delta R.T. 0.01 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

Tgt Ion: 83 Resp: 82
Ion Ratio Lower Upper
83 100
55 0.0 72.1 108.1#
98 0.0 39.1 58.7#

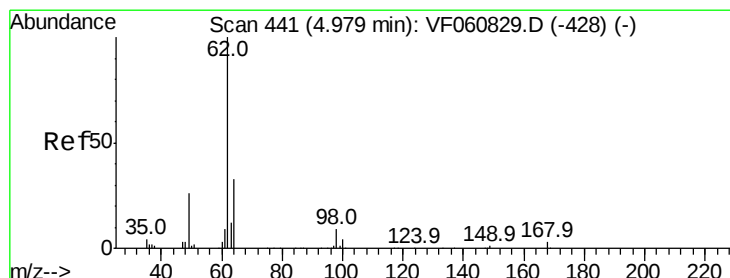
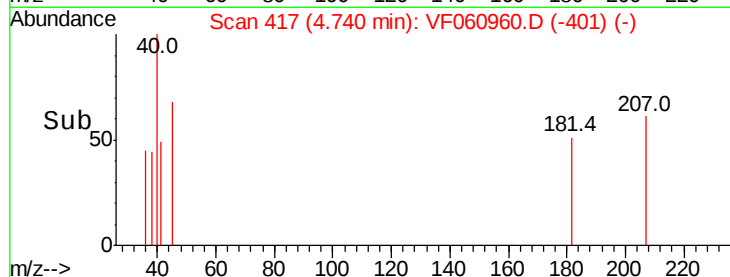
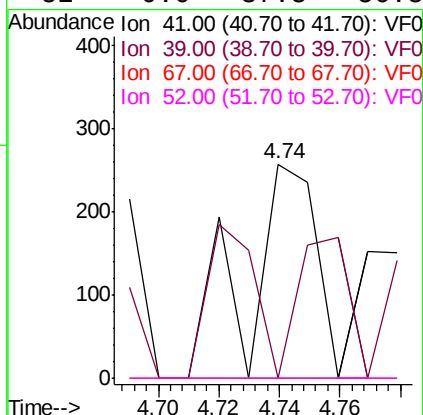
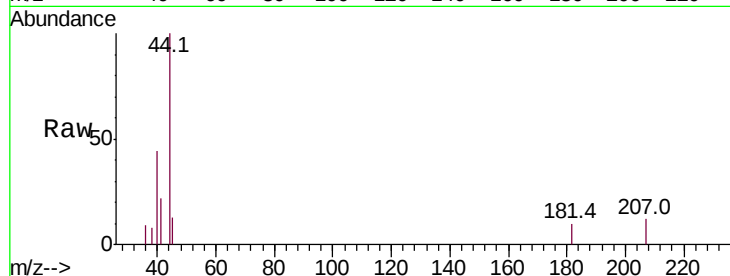




#41
Methacrylonitrile
Concen: 201.472 ug/l
RT: 4.74 min Scan# 417
Delta R.T. -0.04 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

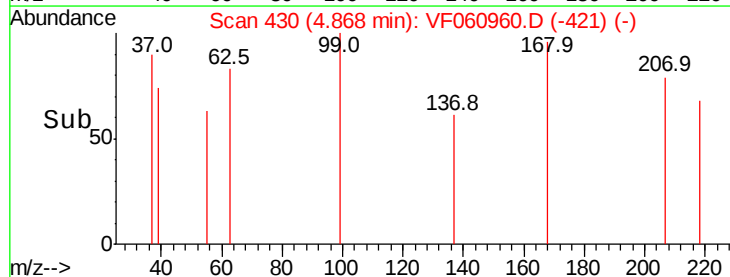
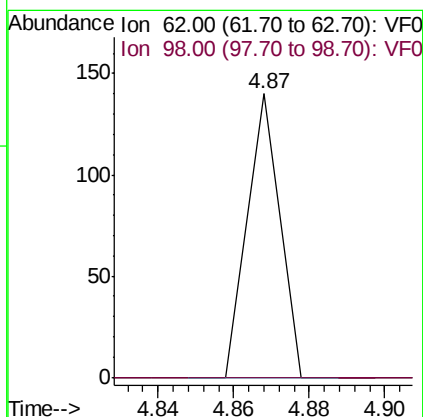
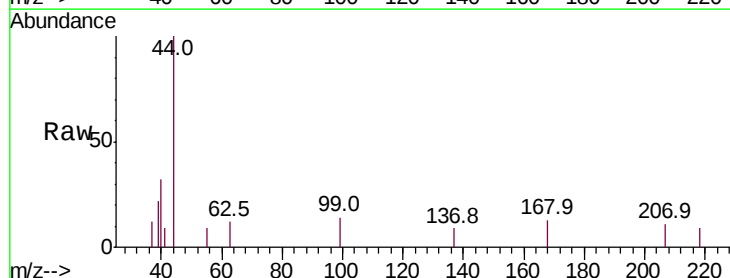
Instrument :
MSVOA_F
ClientSampleId :

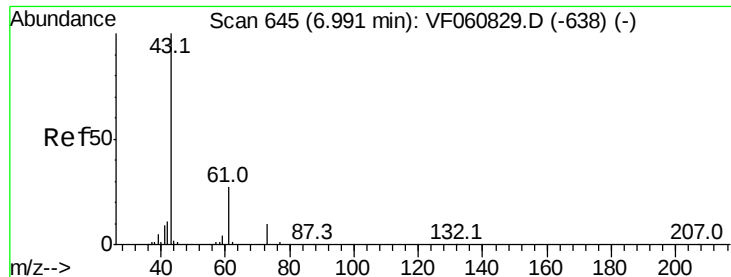
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



#42
1,2-Dichloroethane
Concen: 10.118 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.11 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.2



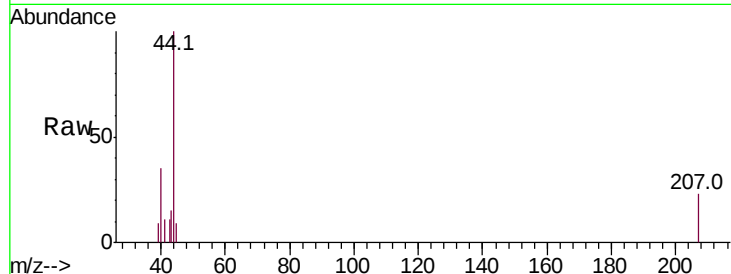


#43

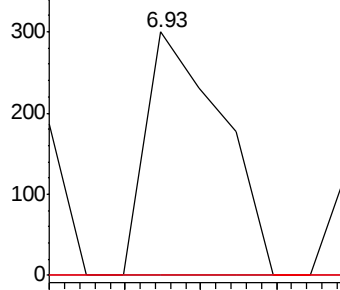
Isopropyl Acetate
 Concen: 83.805 ug/l
 RT: 6.93 min Scan# 639
 Delta R.T. -0.06 min
 Lab File: VF060960.D
 Acq: 10 Dec 2018 18:20

Instrument :
 MSVOA_F
 ClientSampleId :

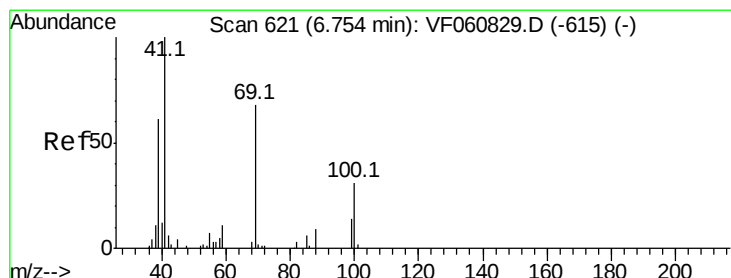
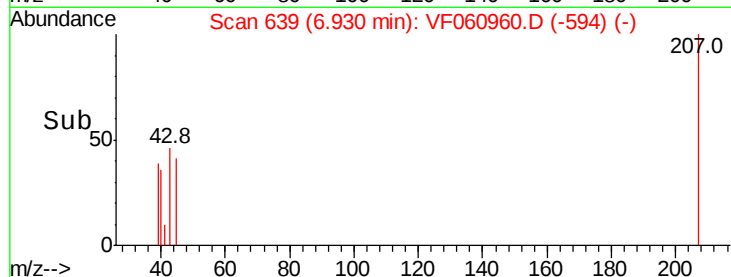
Tot Ion: 43 Resp: 418
 Ion Ratio Lower Upper
 43 100
 61 0.0 21.4 32.0#
 87 0.0 0.2 0.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



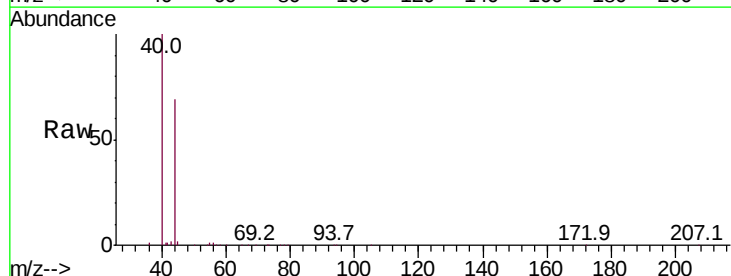
Time--> 6.90 6.92 6.94 6.96



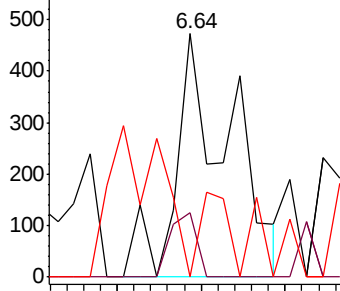
#48

Methyl methacrylate
 Concen: 282.521 ug/l
 RT: 6.64 min Scan# 610
 Delta R.T. -0.11 min
 Lab File: VF060960.D
 Acq: 10 Dec 2018 18:20

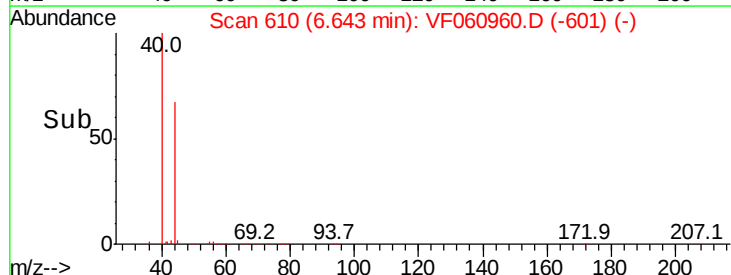
Tgt Ion: 41 Resp: 1057
 Ion Ratio Lower Upper
 41 100
 69 26.4 53.9 80.9#
 39 0.0 49.0 73.6#

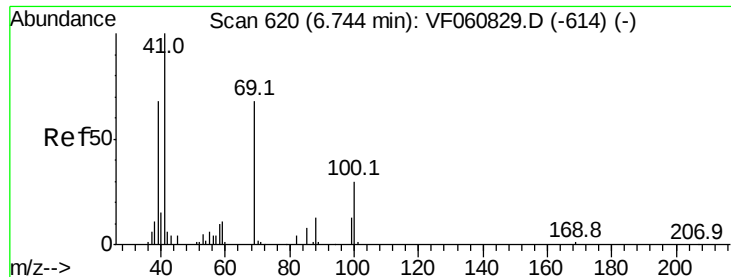


Abundance Ion 41.00 (40.70 to 41.70): VF0
 Ion 69.00 (68.70 to 69.70): VF0
 Ion 39.00 (38.70 to 39.70): VF0



Time--> 6.60 6.65 6.70





#49

1,4-Dioxane

Concen: 2191.260 ug/l

RT: 6.92 min Scan# 638

Delta R.T. 0.18 min

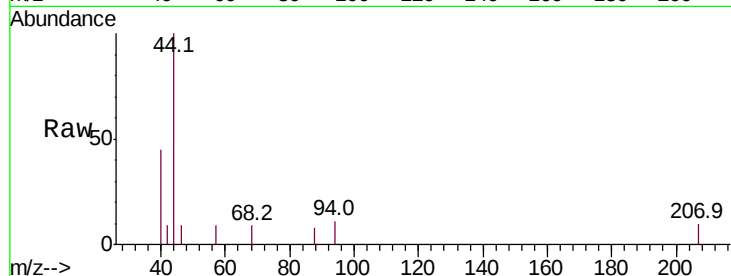
Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

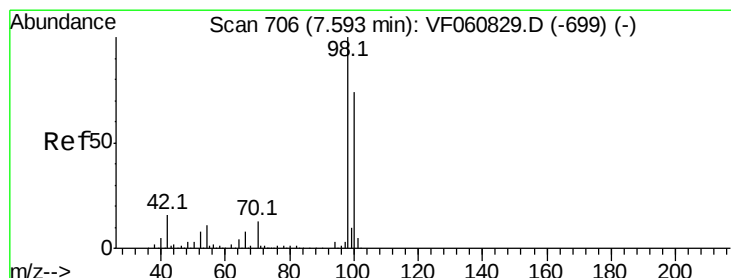
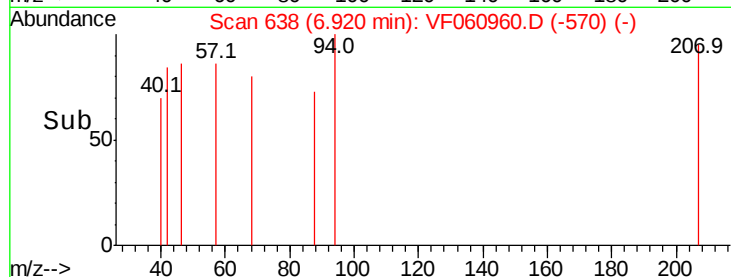
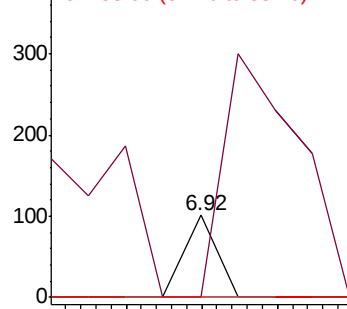
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	0.0	42.0	63.0#
58	0.0	61.8	92.8#



Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 25.059 ug/l

RT: 7.56 min Scan# 703

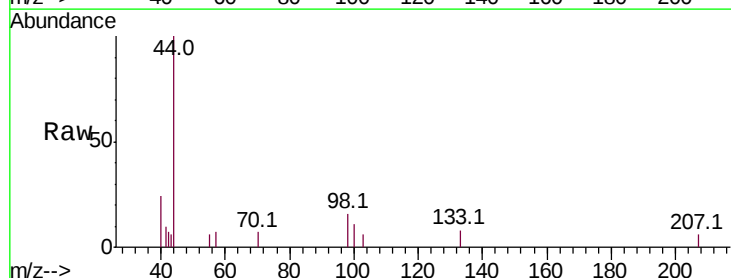
Delta R.T. -0.03 min

Lab File: VF060960.D

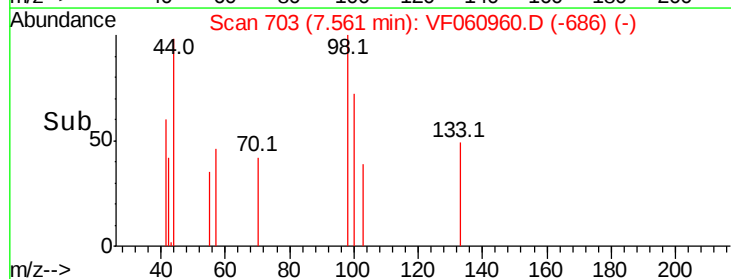
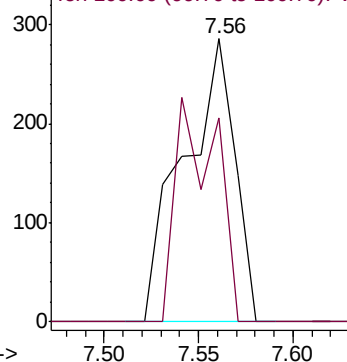
Acq: 10 Dec 2018 18:20

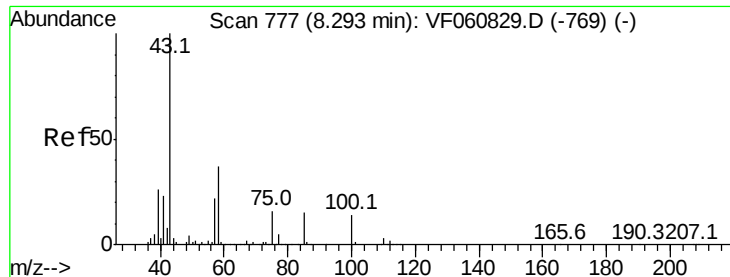
Tgt Ion: 98 Resp: 537

Ion	Ratio	Lower	Upper
98	100		
100	72.0	59.3	88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 103.371 ug/l

RT: 8.21 min Scan# 769

Delta R.T. -0.08 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :

MSVOA_F

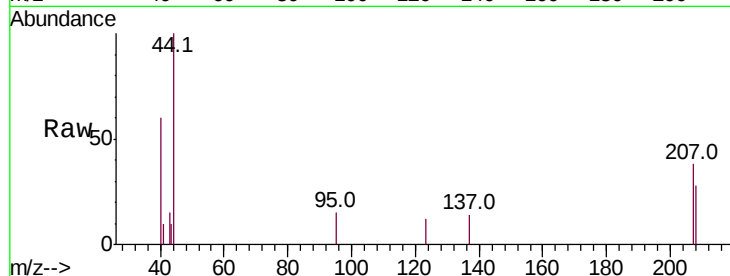
ClientSampleId :

Tot Ion: 43 Resp: 394

Ion Ratio Lower Upper

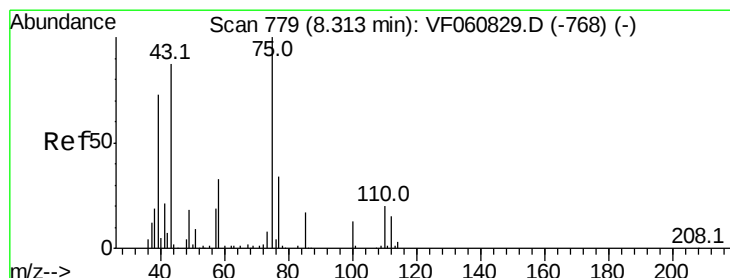
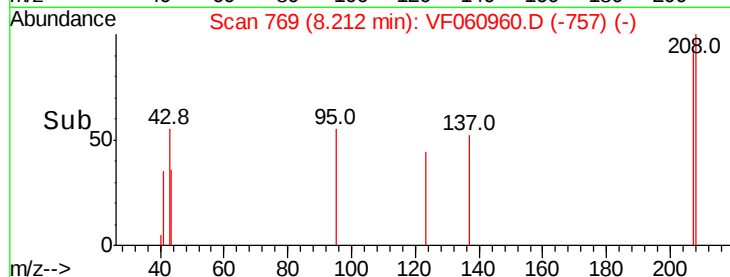
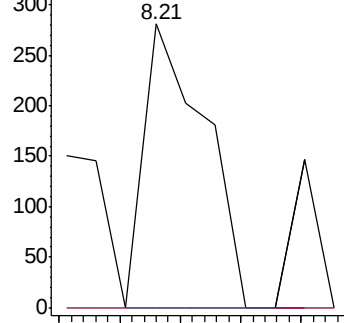
43 100

58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#53

t-1,3-Dichloropropene

Concen: 7.834 ug/l

RT: 8.33 min Scan# 781

Delta R.T. 0.02 min

Lab File: VF060960.D

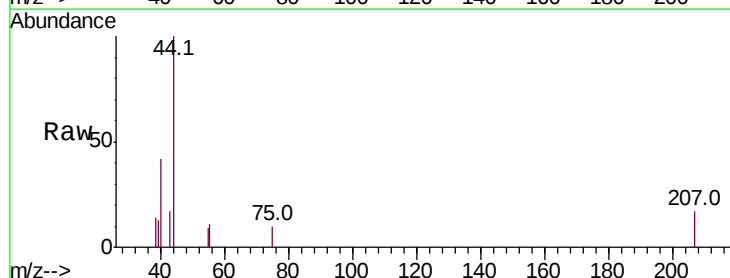
Acq: 10 Dec 2018 18:20

Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

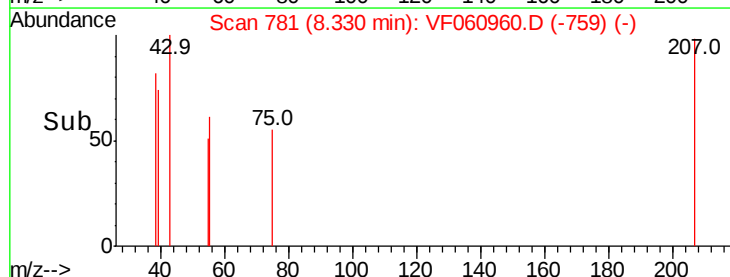
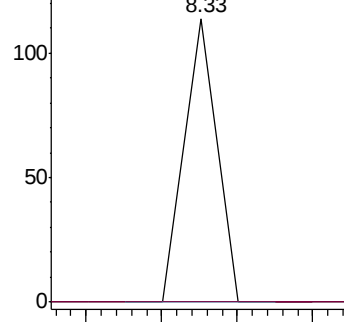
75 100

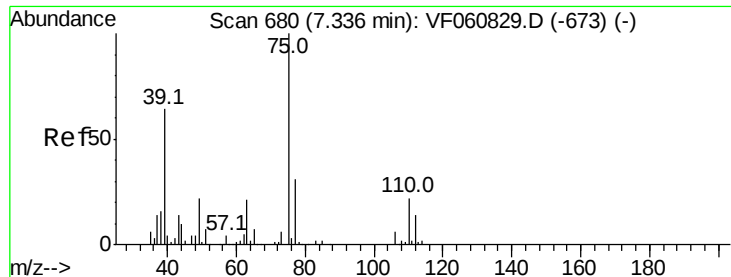
77 0.0 27.4 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#54

cis-1,3-Dichloropropene

Concen: 5.856 ug/l

RT: 7.25 min Scan# 671

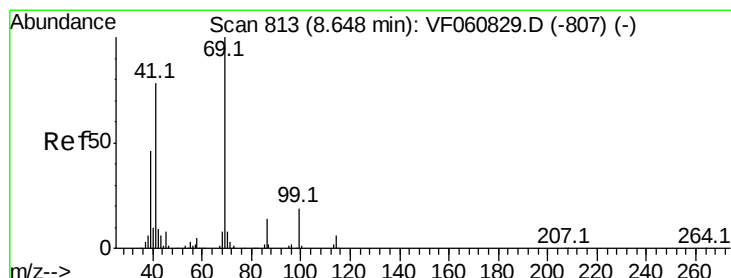
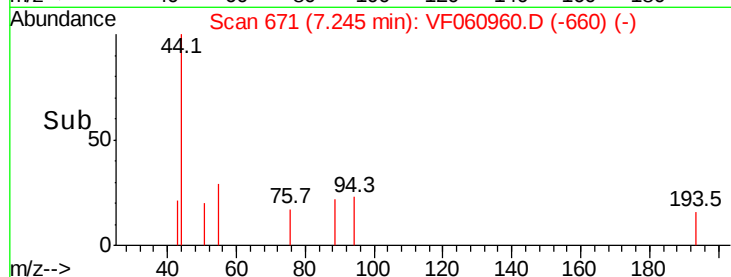
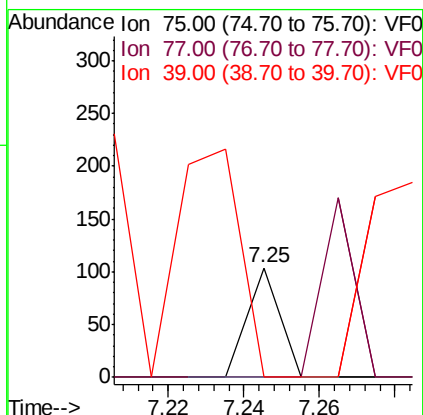
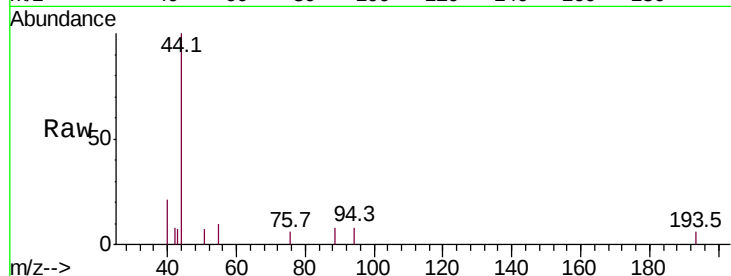
Delta R.T. -0.09 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	75	Resp:	62
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	0.0	51.1	76.7#



#56

Ethyl methacrylate

Concen: 14.093 ug/l

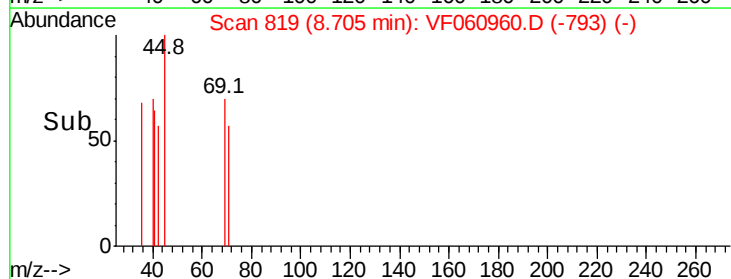
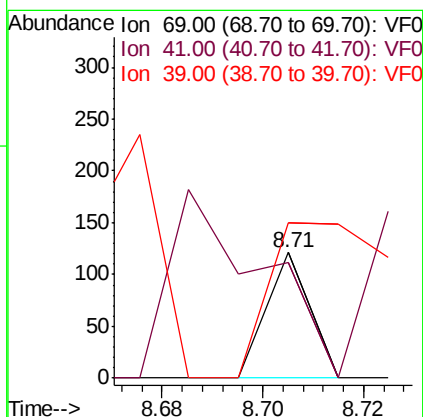
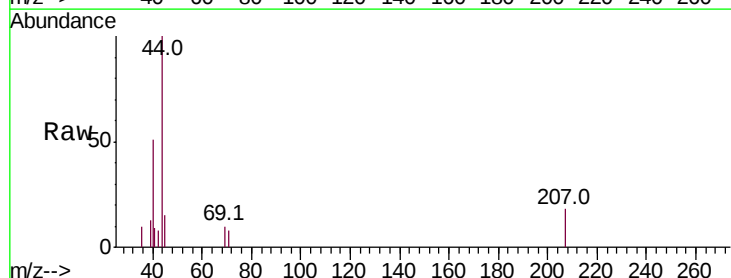
RT: 8.71 min Scan# 819

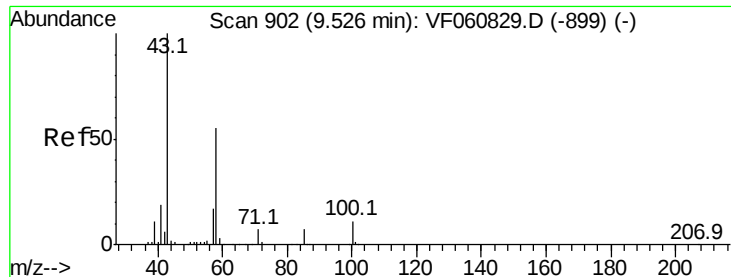
Delta R.T. 0.06 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Tgt Ion:	69	Resp:	72
Ion	Ratio	Lower	Upper
69	100		
41	92.6	62.6	94.0
39	124.0	37.8	56.6#

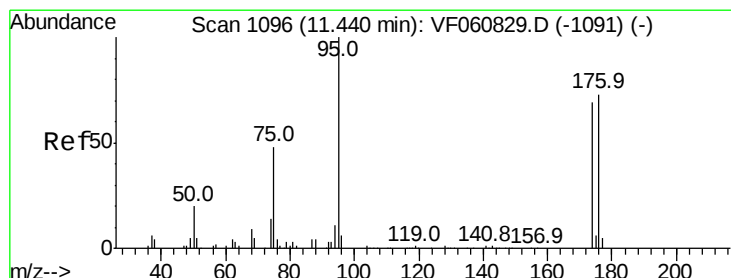
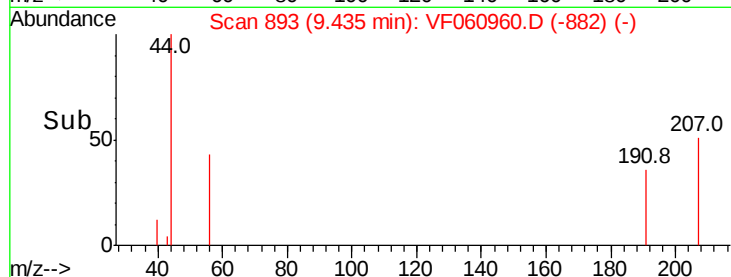
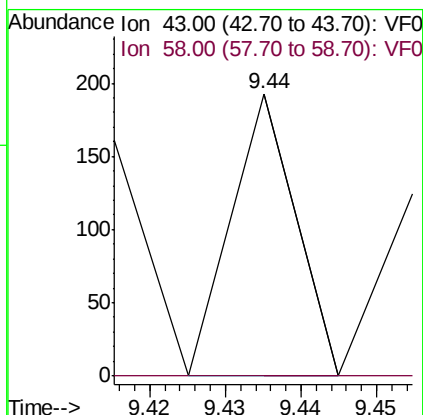
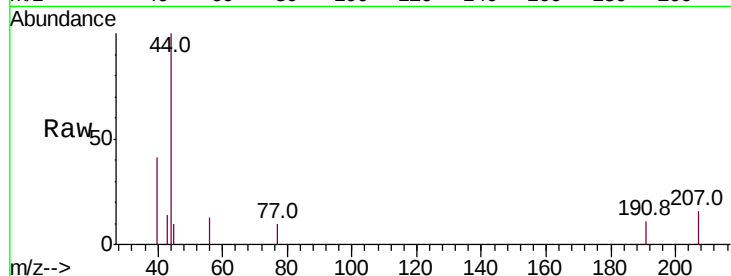




#59
2-Hexanone
Concen: 42.633 ug/l
RT: 9.44 min Scan# 893
Delta R.T. -0.09 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

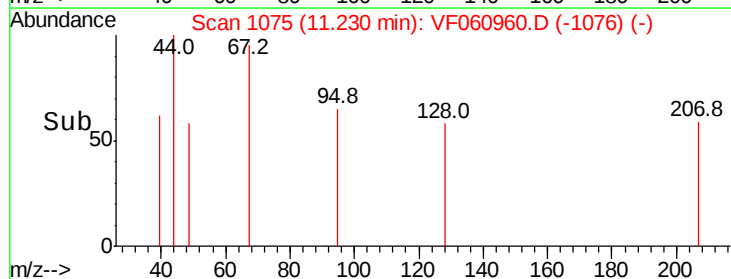
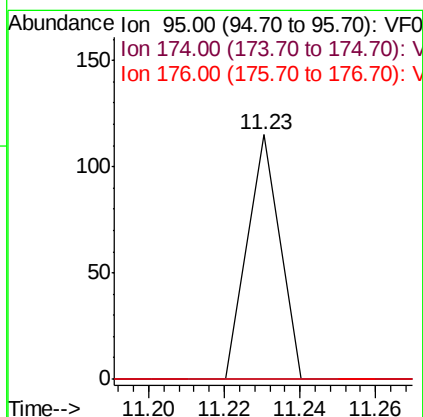
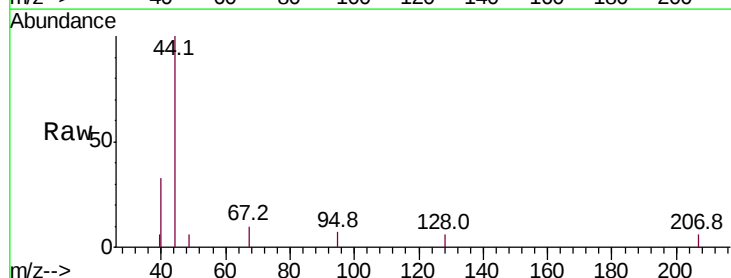
Instrument :
MSVOA_F
ClientSampleId :

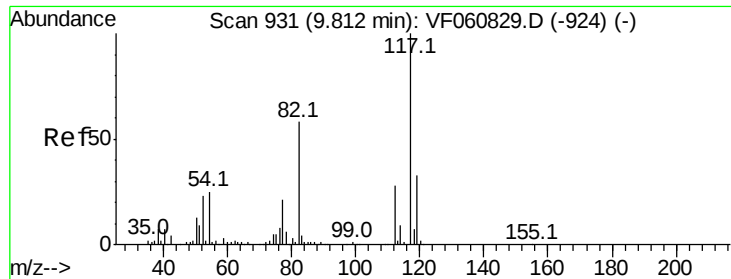
Tot Ion: 43 Resp: 114
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.6#



#62
4-Bromofluorobenzene
Concen: 6.982 ug/l
RT: 11.23 min Scan# 1075
Delta R.T. -0.21 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

Tgt Ion: 95 Resp: 68
Ion Ratio Lower Upper
95 100
174 0.0 0.0 138.2
176 0.0 0.0 146.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.04 min

Lab File: VF060960.D

Acq: 10 Dec 2018 18:20

Instrument :
MSVOA_F
ClientSampleId :

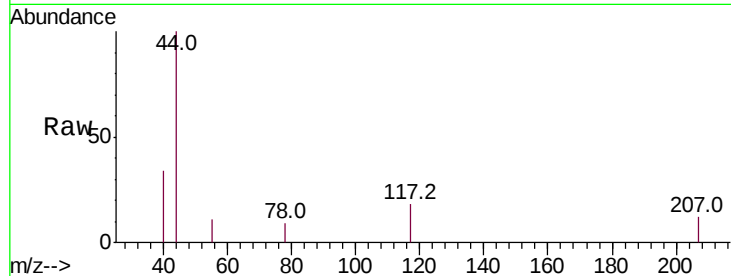
Tot Ion:117 Resp: 294

Ion Ratio Lower Upper

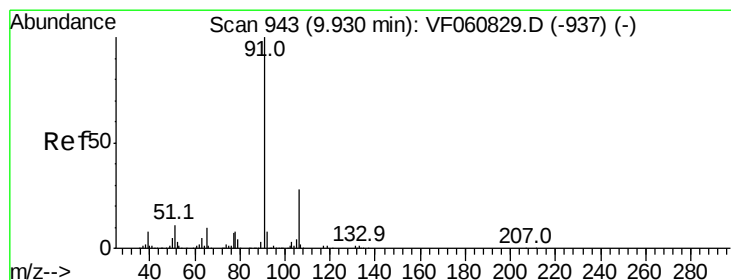
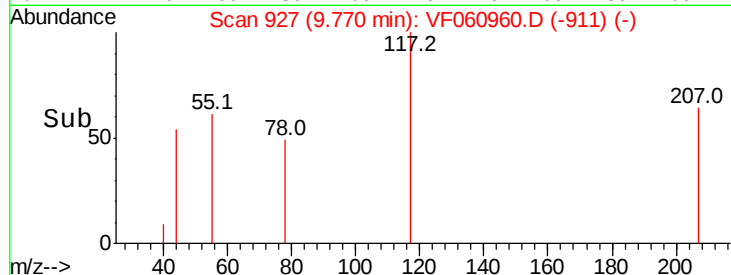
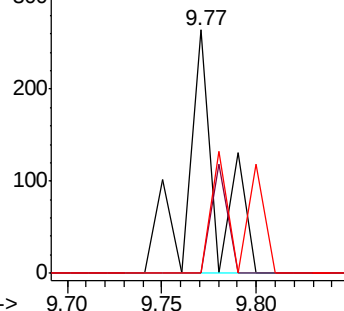
117 100

82 0.0 46.6 69.8#

119 0.0 26.4 39.6#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#67

Ethyl Benzene

Concen: 6.011 ug/l

RT: 9.85 min Scan# 935

Delta R.T. -0.08 min

Lab File: VF060960.D

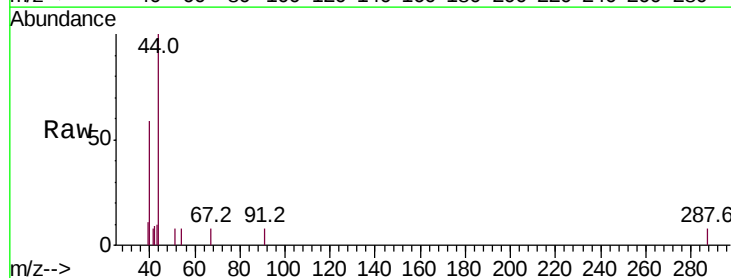
Acq: 10 Dec 2018 18:20

Tgt Ion: 91 Resp: 64

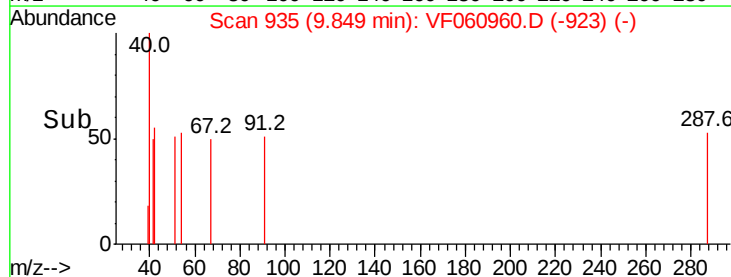
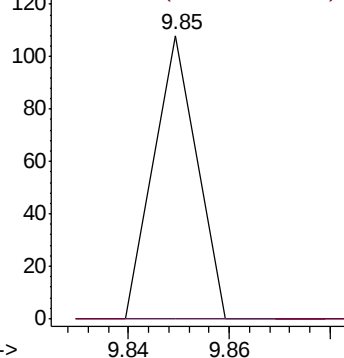
Ion Ratio Lower Upper

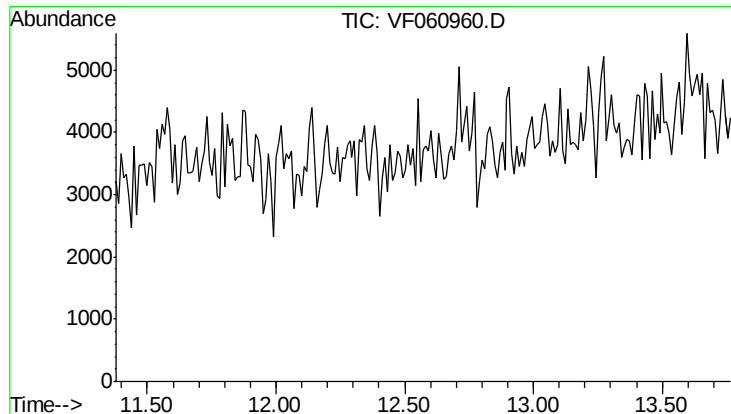
91 100

106 0.0 22.2 33.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 106.00 (105.70 to 106.70): V





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.57 min
Lab File: VF060960.D
Acq: 10 Dec 2018 18:20

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	152
Sig	Exp Ratio
152	100
115	60.3
150	163.8

