

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060449.D
 Acq On : 4 Oct 2018 21:23
 Operator : VA/AP
 Sample : J5206-02
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Oct 05 01:13:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.01
34) 1,4-Difluorobenzene	5.76	114	167	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.95	117	59	50.00	ug/l	0.06
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.62

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	248	0.00	ug/l	0.05
Spiked Amount						
			Recovery	=	0.00%	
35) Dibromofluoromethane	4.30	113	124	79.04	ug/l	0.04
Spiked Amount						
			Recovery	=	158.08%	
50) Toluene-d8	7.70	98	60	15.53	ug/l	0.02
Spiked Amount						
			Recovery	=	31.06%	
62) 4-Bromofluorobenzene	11.49	95	73	41.38	ug/l	0.00
Spiked Amount						
			Recovery	=	82.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	4.39	75	99	48.082	ug/l #	45
37) Ethyl Acetate	4.31	43	590	748.289	ug/l #	1
38) Carbon Tetrachloride	4.12	117	114	45.486	ug/l #	13
39) Methylcyclohexane	5.52	83	101	50.037	ug/l #	10
40) Benzene	4.75	78	88	21.529	ug/l #	51
41) Methacrylonitrile	4.91	41	61	145.912	ug/l #	20
42) 1,2-Dichloroethane	4.97	62	61	31.282	ug/l	83
43) Isopropyl Acetate	7.12	43	206	216.195	ug/l #	44
44) Trichloroethene	5.67	130	71	54.136	ug/l	1
45) 1,2-Dichloropropane	6.37	63	64	58.795	ug/l #	46
46) Dibromomethane	6.32	93	93	106.263	ug/l #	9
47) Bromodichloromethane	6.52	83	59	27.220	ug/l #	23
48) Methyl methacrylate	6.69	41	184	269.013	ug/l	91
49) 1,4-Dioxane	6.84	88	127	21534.793	ug/l #	2
51) 4-Methyl-2-Pentanone	8.42	43	597	880.174	ug/l #	39
52) Toluene	7.64	92	95	34.218	ug/l #	1
53) t-1,3-Dichloropropene	8.43	75	132	77.707	ug/l #	1
54) cis-1,3-Dichloropropene	7.42	75	94	47.348	ug/l #	57
55) 1,1,2-Trichloroethane	8.68	97	70	79.545	ug/l #	18
56) Ethyl methacrylate	8.72	69	191	191.005	ug/l #	53
57) 1,3-Dichloropropane	8.96	76	176	118.221	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.73	63	63	616.785	ug/l	100
59) 2-Hexanone	9.50	43	442	888.433	ug/l	75
60) Dibromochloromethane	8.97	129	61	46.038	ug/l #	11
61) 1,2-Dibromoethane	9.12	107	78	81.004	ug/l #	4
64) Tetrachloroethene	8.22	164	130	277.177	ug/l #	1
65) Chlorobenzene	9.83	112	62	51.156	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.19	131	72	136.057	ug/l #	9
67) Ethyl Benzene	10.08	91	62	26.905	ug/l #	47
68) m/p-Xylenes	10.37	106	70	88.363	ug/l #	1
69) o-Xylene	10.79	106	189	218.879	ug/l #	1
70) Styrene	10.88	104	72	58.621	ug/l #	29

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ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Oct 05 01:13:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

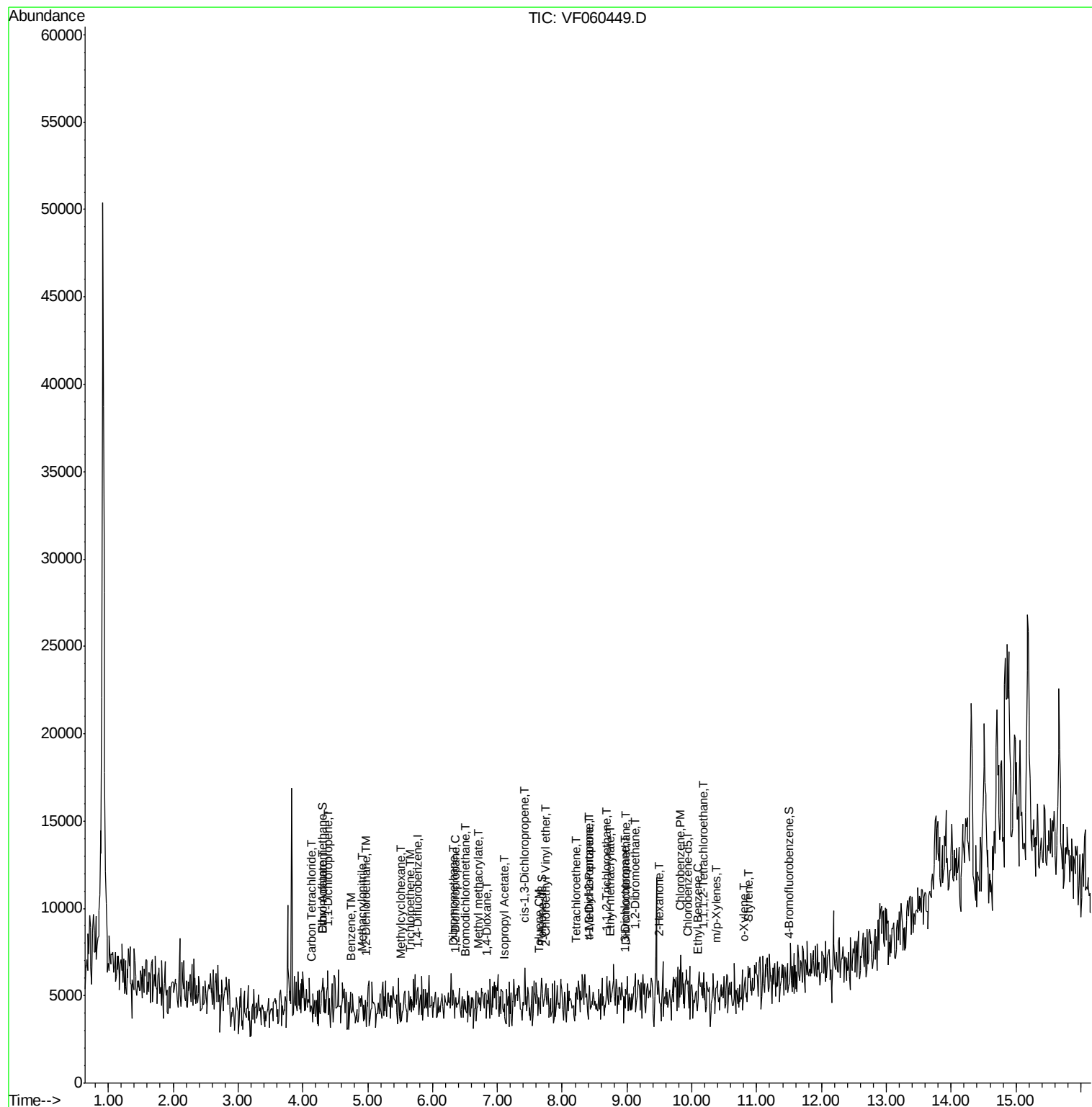
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

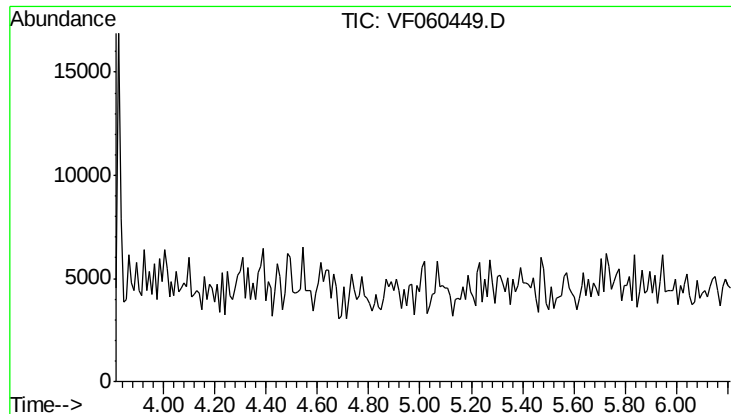
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060449.D
Acq On : 4 Oct 2018 21:23
Operator : VA/AP
Sample : J5206-02
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Oct 05 01:13:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
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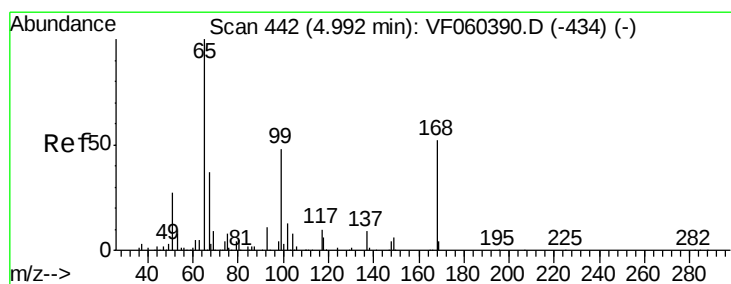
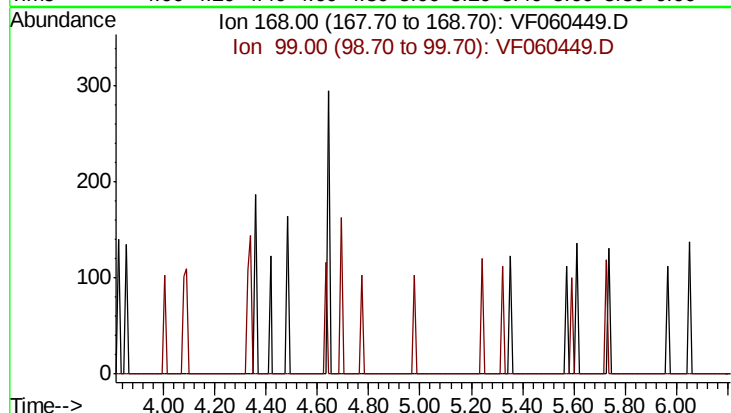


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 5.01 min

Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

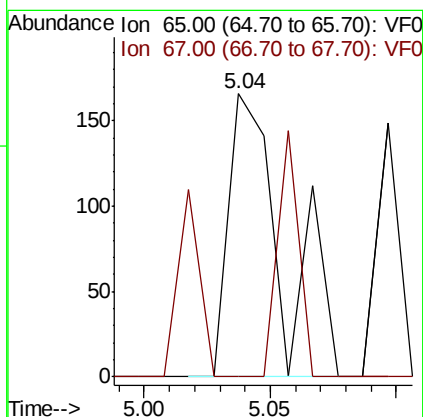
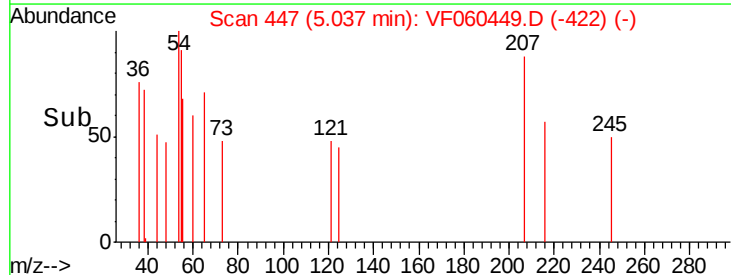
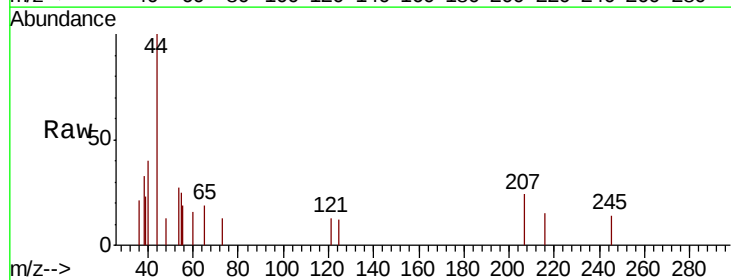
Instrument :
MSVOA_F
ClientSampleId :

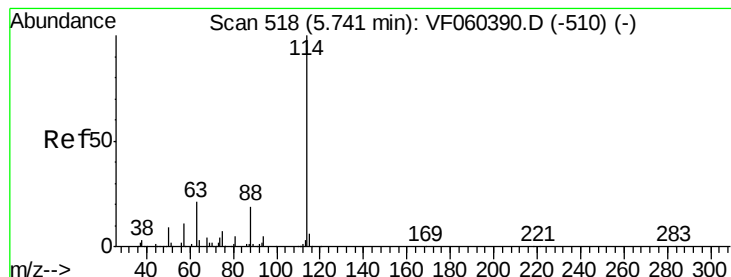
Tot Ion: 168
Sig Exp Ratio
168 100
99 81.6



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 5.04 min Scan# 447
Delta R.T. 0.05 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion: 65 Resp: 248
Ion Ratio Lower Upper
65 100
67 0.0 0.0 89.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 520

Delta R.T. 0.02 min

Lab File: VF060449.D

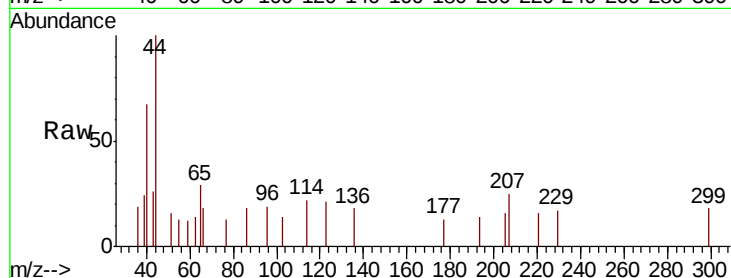
Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	114	Resp:	167
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	42.2
88	0.0	0.0	38.8

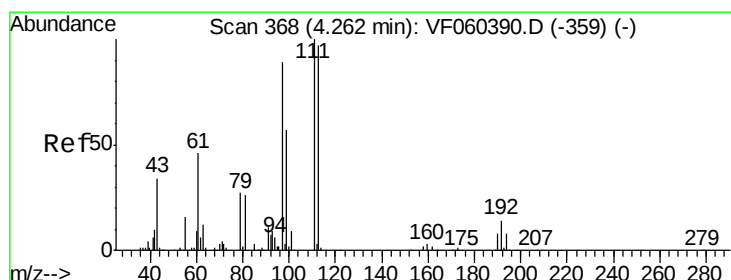
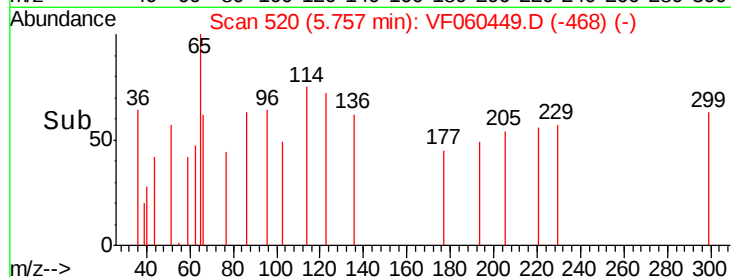
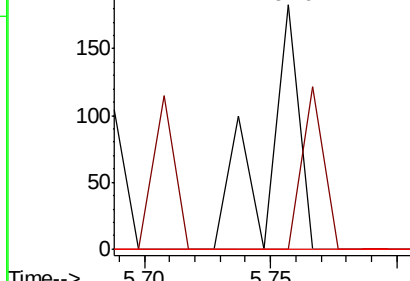


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

5.76



#35

Dibromofluoromethane

Concen: 79.038 ug/l

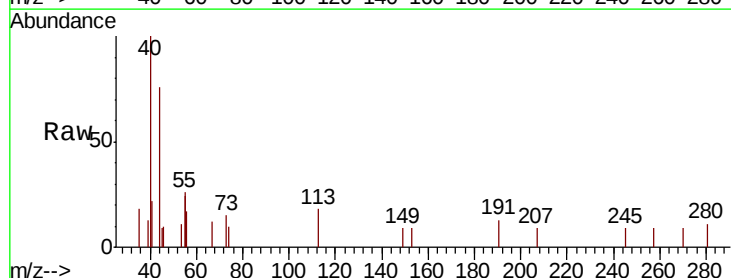
RT: 4.30 min Scan# 372

Delta R.T. 0.04 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Tgt Ion:	113	Resp:	124
Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.3	123.5#
192	0.0	11.8	17.6#

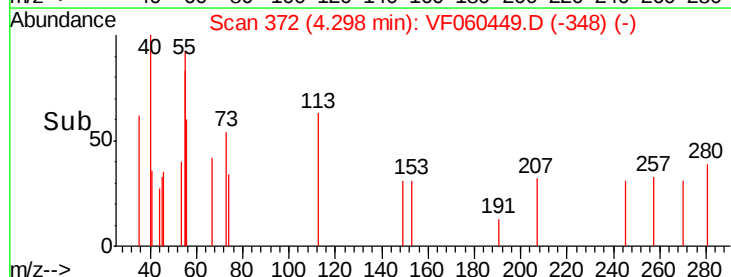
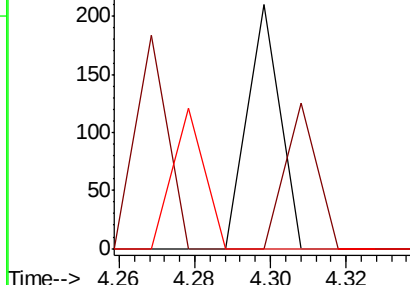


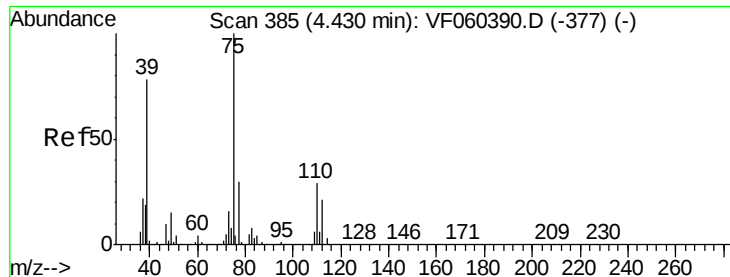
Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

4.30





#36

1,1-Dichloropropene

Concen: 48.082 ug/l

RT: 4.39 min Scan# 381

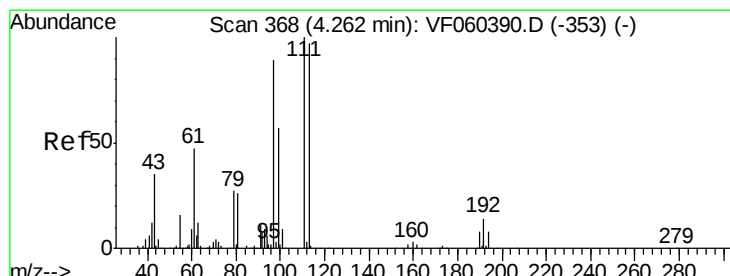
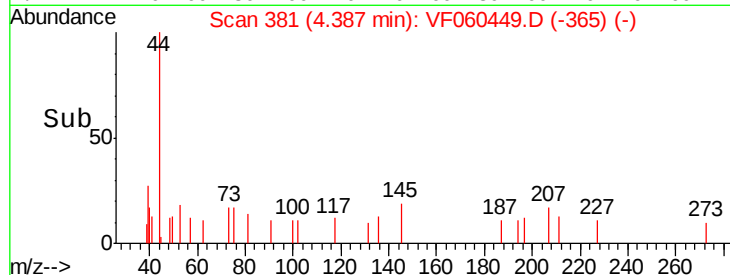
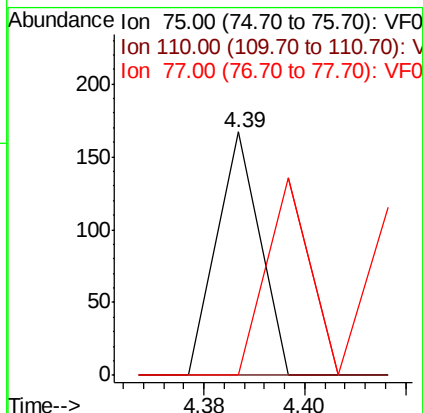
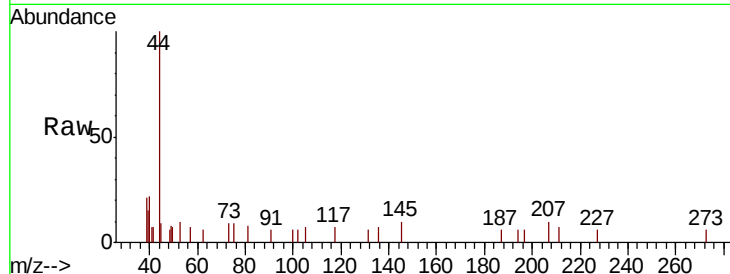
Delta R.T. -0.04 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	75	Resp:	99
Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.5	43.6#
77	0.0	24.3	36.5#



#37

Ethyl Acetate

Concen: 748.289 ug/l

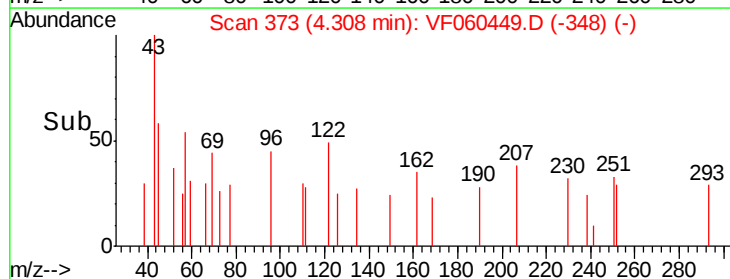
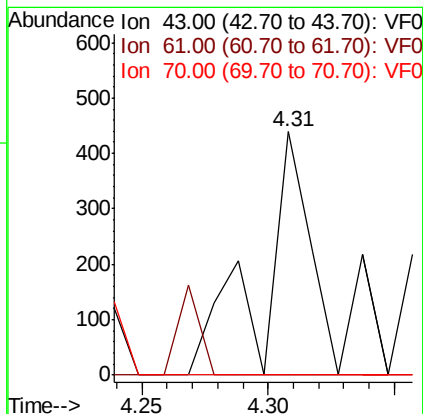
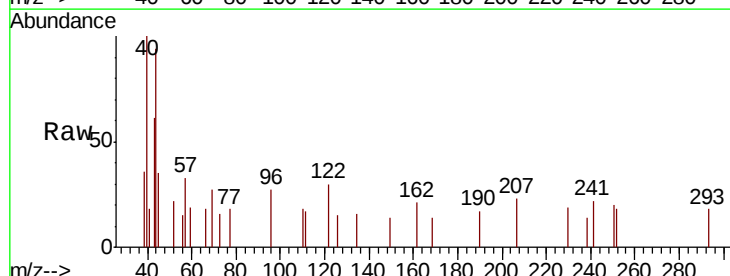
RT: 4.31 min Scan# 373

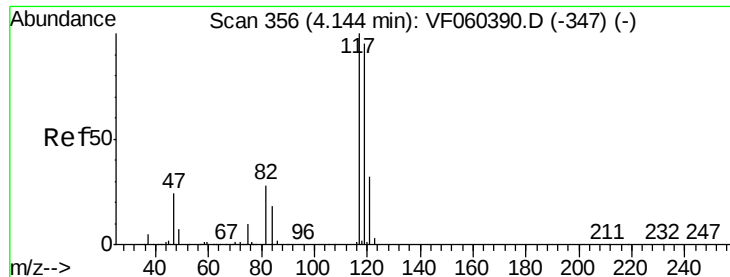
Delta R.T. 0.05 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Tgt Ion:	43	Resp:	590
Ion	Ratio	Lower	Upper
43	100		
61	0.0	105.1	157.7#
70	0.0	8.0	12.0#





#38

Carbon Tetrachloride

Concen: 45.486 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.02 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampled :

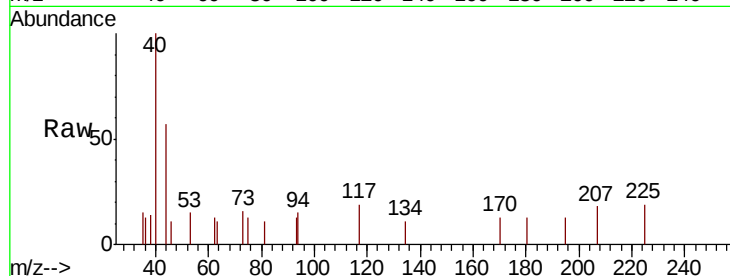
Tot Ion:117 Resp: 114

Ion Ratio Lower Upper

117 100

119 0.0 75.5 113.3#

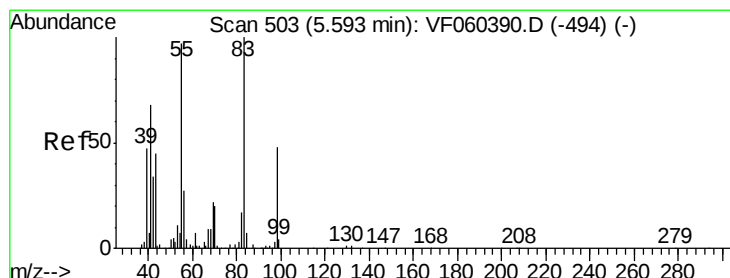
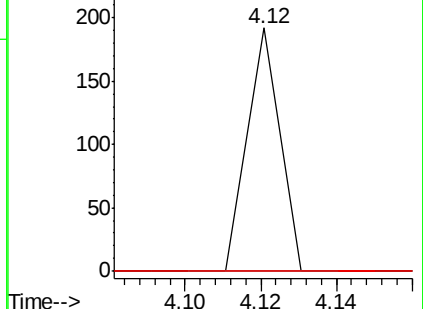
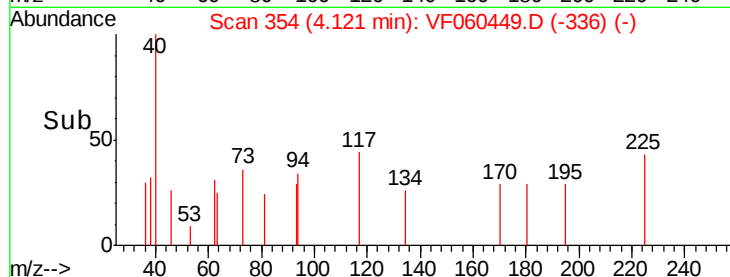
121 0.0 25.4 38.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#39

Methylcyclohexane

Concen: 50.037 ug/l

RT: 5.52 min Scan# 496

Delta R.T. -0.07 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

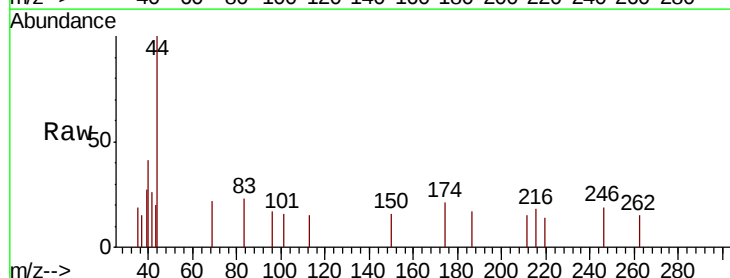
Tgt Ion: 83 Resp: 101

Ion Ratio Lower Upper

83 100

55 0.0 77.5 116.3#

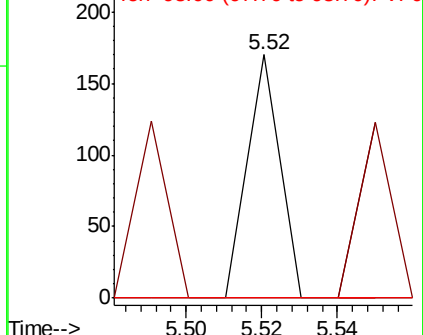
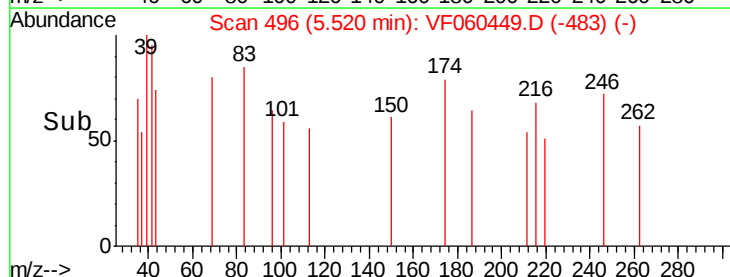
98 0.0 38.7 58.1#

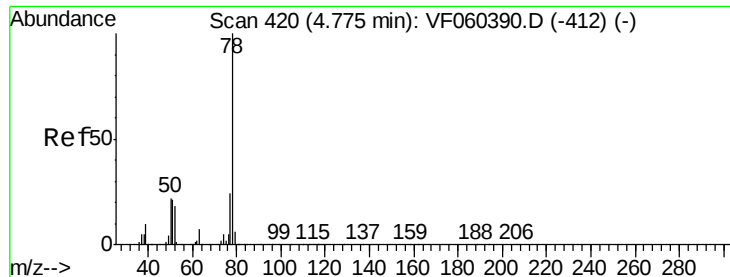


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 21.529 ug/l

RT: 4.75 min Scan# 418

Delta R.T. -0.02 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

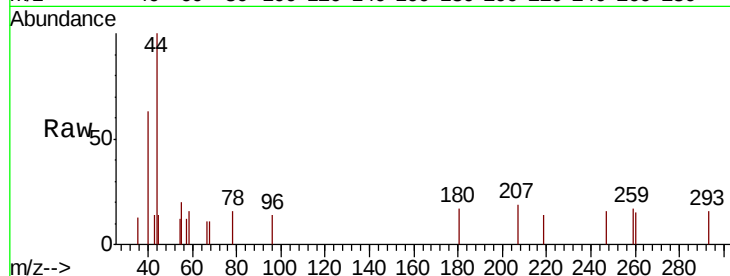
ClientSampleId :

Tot Ion: 78 Resp: 88

Ion Ratio Lower Upper

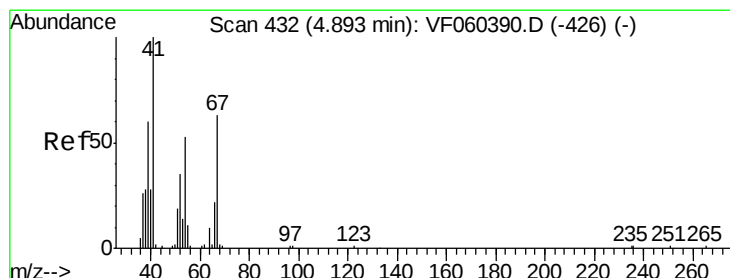
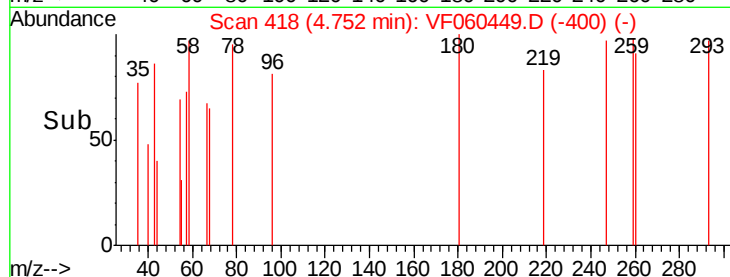
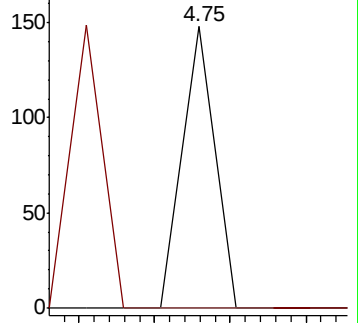
78 100

77 0.0 19.2 28.8#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 145.912 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.02 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Tgt Ion: 41 Resp: 61

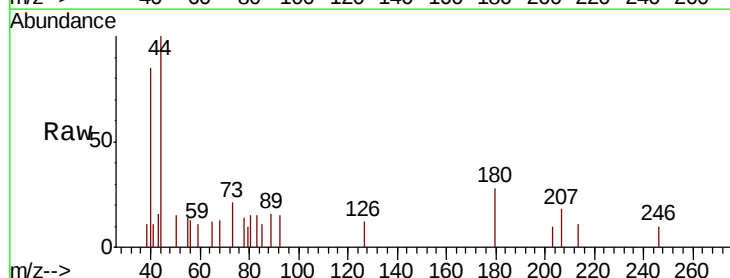
Ion Ratio Lower Upper

41 100

39 0.0 55.0 82.4#

67 0.0 49.6 74.4#

52 0.0 38.8 58.2#

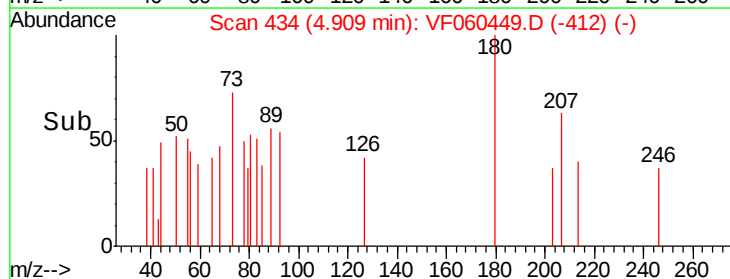
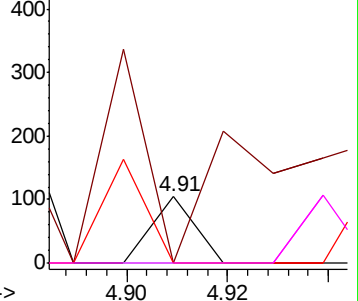


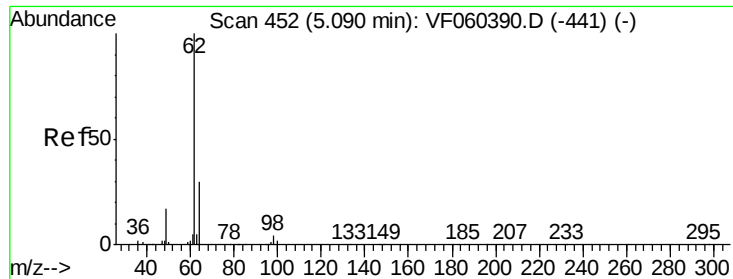
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#42

1,2-Dichloroethane

Concen: 31.282 ug/l

RT: 4.97 min Scan# 440

Delta R.T. -0.12 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

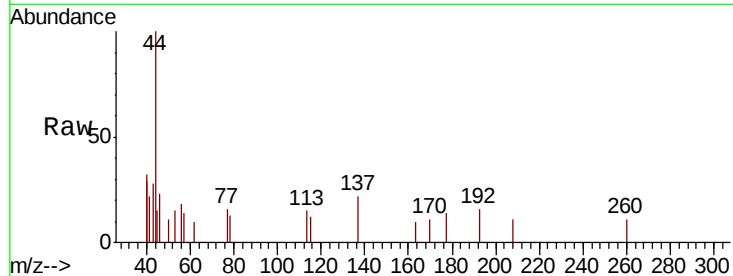
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 62 Resp: 61

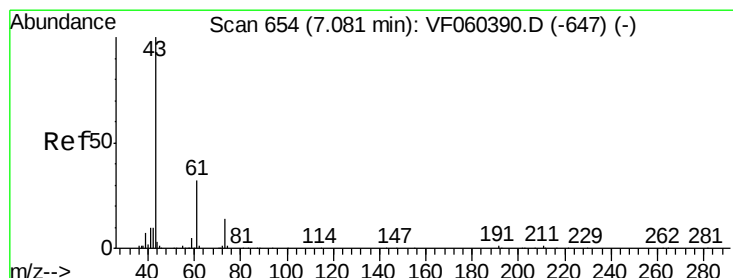
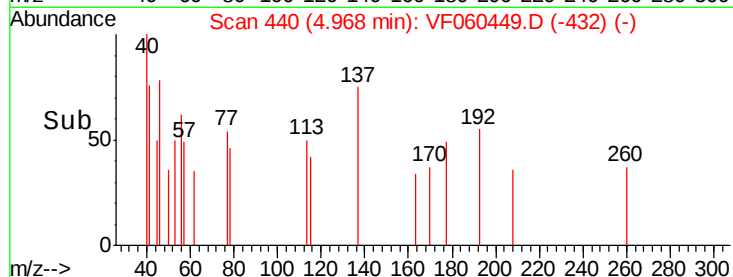
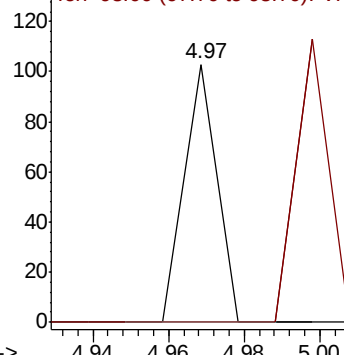
Ion Ratio Lower Upper

62 100

98 0.0 0.0 11.2



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



#43

Isopropyl Acetate

Concen: 216.195 ug/l

RT: 7.12 min Scan# 658

Delta R.T. 0.04 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

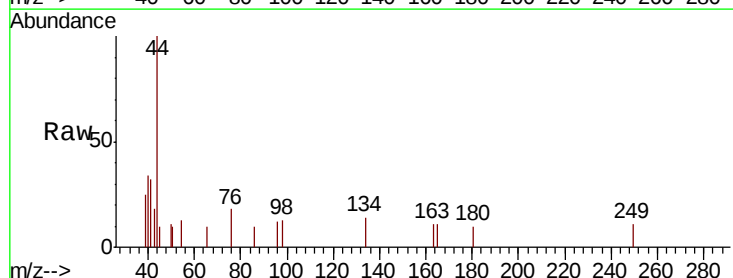
Tgt Ion: 43 Resp: 206

Ion Ratio Lower Upper

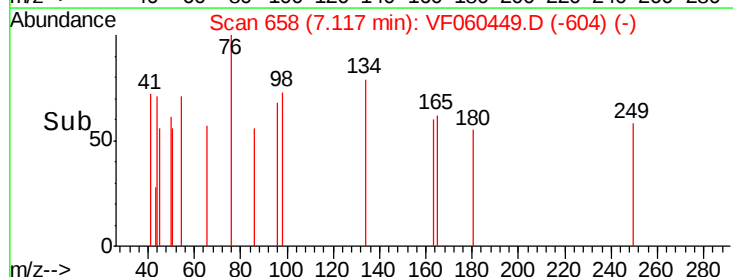
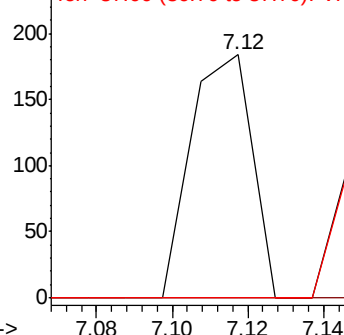
43 100

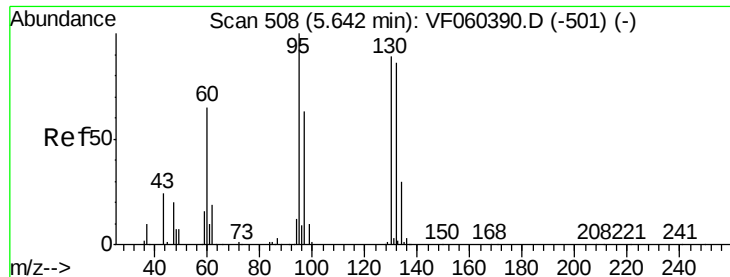
61 0.0 25.4 38.2#

87 0.0 0.3 0.5#



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

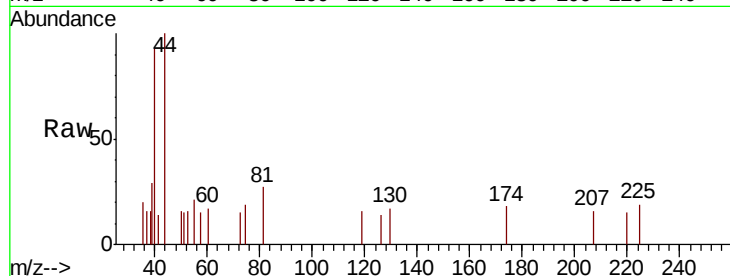




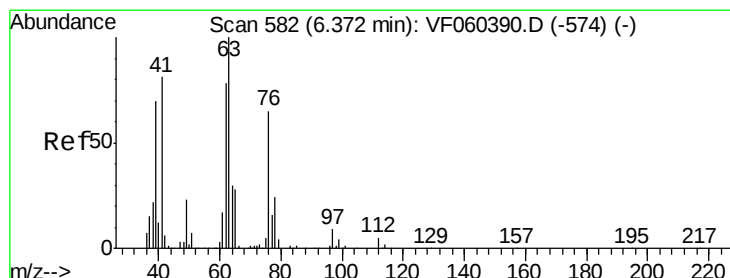
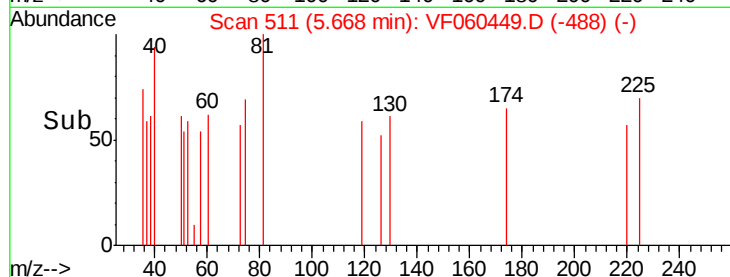
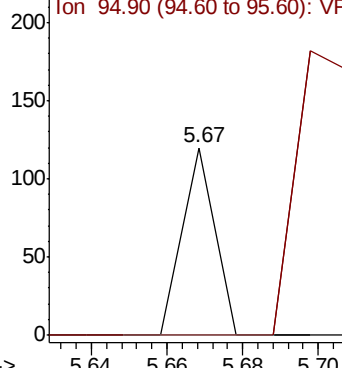
#44
 Trichloroethene
 Concen: 54.136 ug/l
 RT: 5.67 min Scan# 511
 Delta R.T. 0.03 min
 Lab File: VF060449.D
 Acq: 4 Oct 2018 21:23

Instrument :
 MSVOA_F
 ClientSampled :

Tot Ion:130 Resp: 71
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 224.4

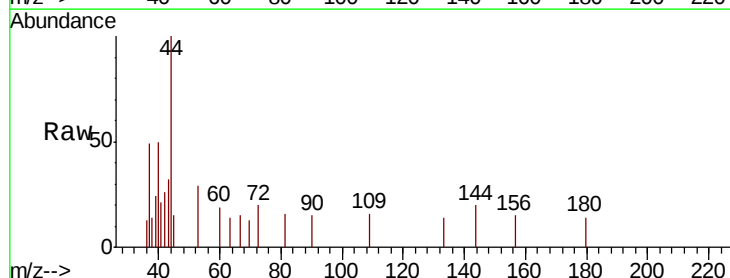


Abundance Ion 129.90 (129.60 to 130.60): VF0
 Ion 94.90 (94.60 to 95.60): VF0

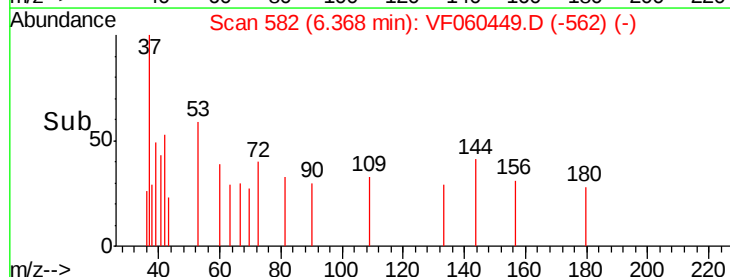
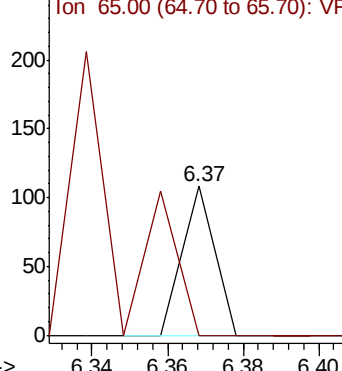


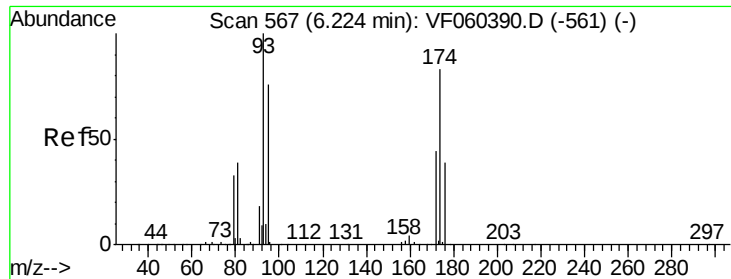
#45
 1,2-Dichloropropane
 Concen: 58.795 ug/l
 RT: 6.37 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VF060449.D
 Acq: 4 Oct 2018 21:23

Tgt Ion: 63 Resp: 64
 Ion Ratio Lower Upper
 63 100
 65 0.0 22.7 34.1#



Abundance Ion 63.00 (62.70 to 63.70): VF0
 Ion 65.00 (64.70 to 65.70): VF0

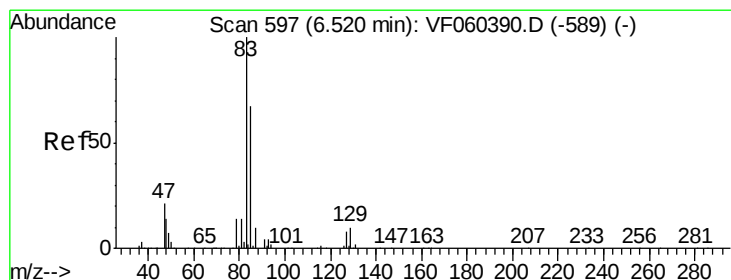
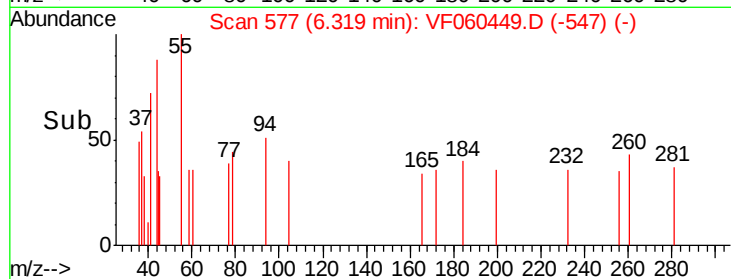
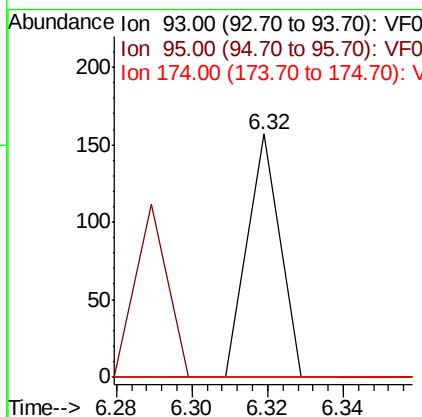
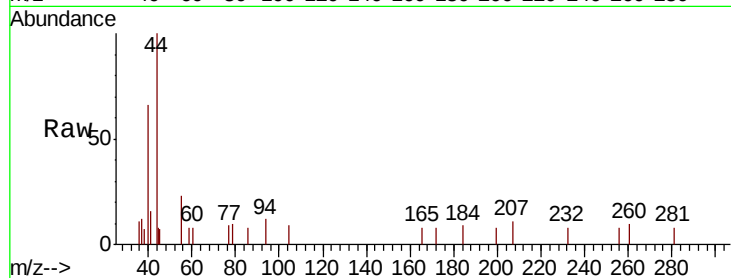




#46
Dibromomethane
Concen: 106.263 ug/l
RT: 6.32 min Scan# 577
Delta R.T. 0.10 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

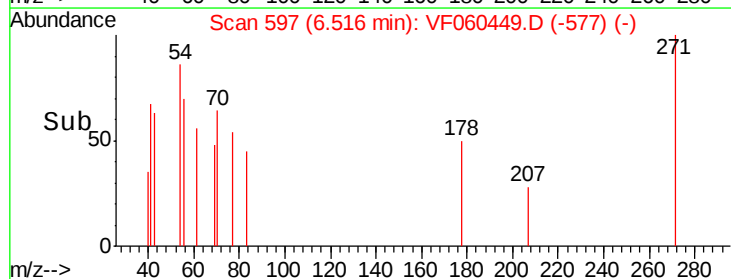
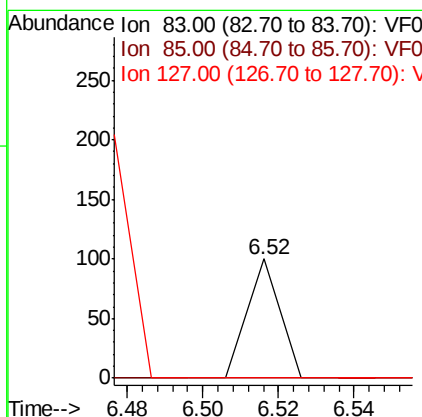
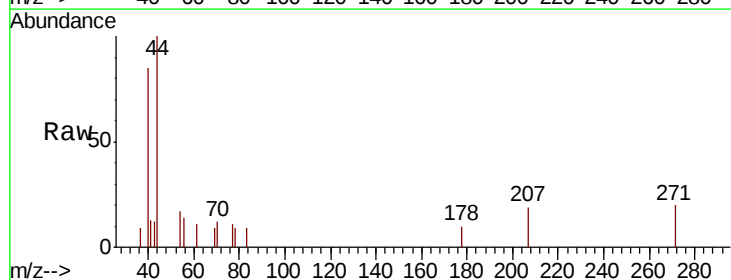
Instrument :
MSVOA_F
ClientSampleId :

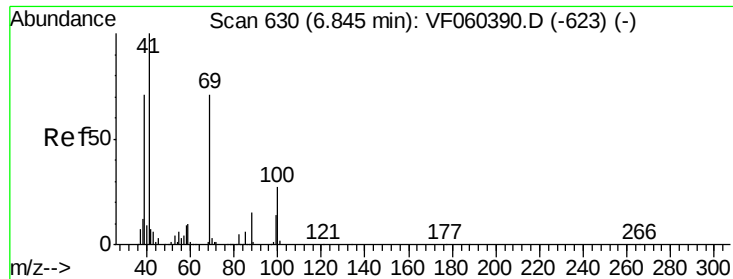
Tot Ion: 93 Resp: 93
Ion Ratio Lower Upper
93 100
95 0.0 61.1 91.7#
174 0.0 66.7 100.1#



#47
Bromodichloromethane
Concen: 27.220 ug/l
RT: 6.52 min Scan# 597
Delta R.T. -0.00 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion: 83 Resp: 59
Ion Ratio Lower Upper
83 100
85 0.0 53.2 79.8#
127 0.0 6.6 9.8#





#48

Methyl methacrylate

Concen: 269.013 ug/l

RT: 6.69 min Scan# 615

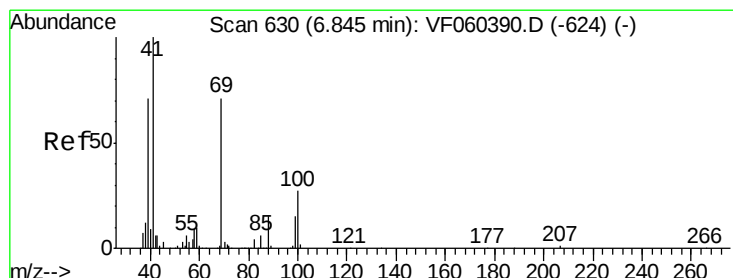
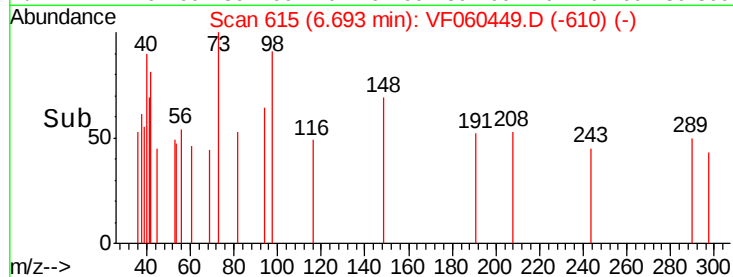
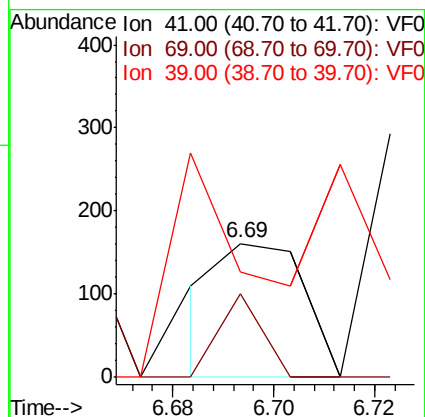
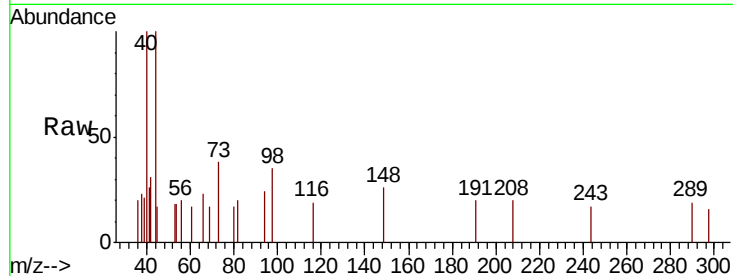
Delta R.T. -0.15 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	41	Resp:	184
Ion	Ratio	Lower	Upper
41	100		
69	62.7	56.3	84.5
39	78.9	56.9	85.3



#49

1,4-Dioxane

Concen: 21534.793 ug/l

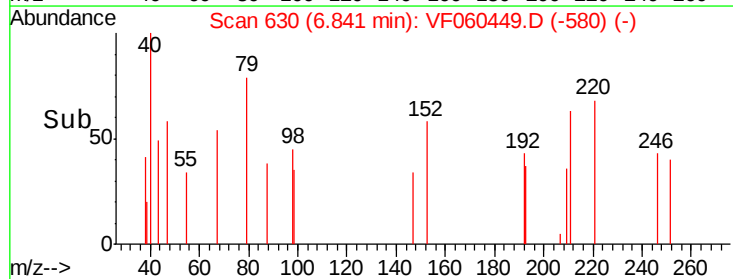
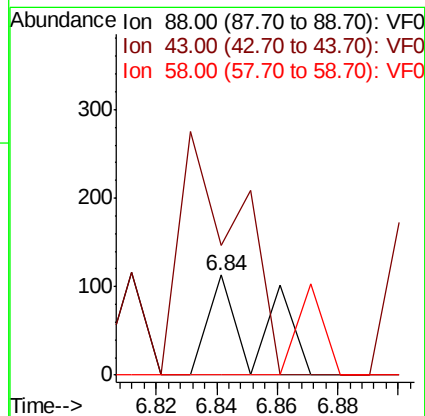
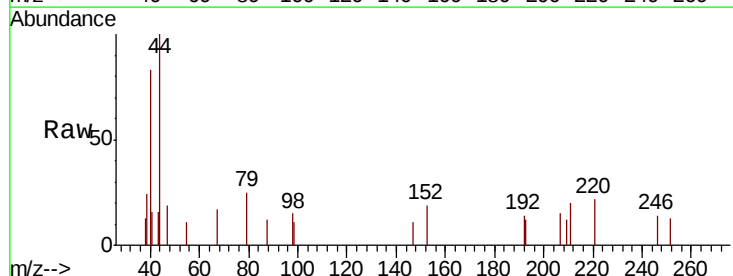
RT: 6.84 min Scan# 630

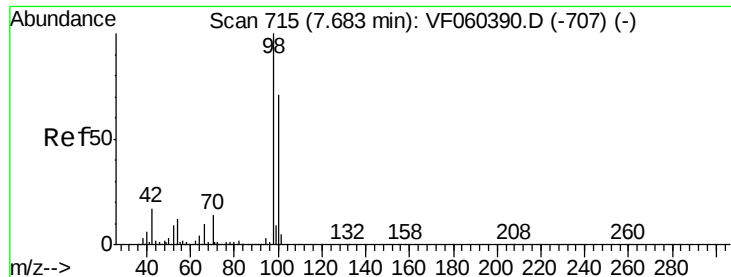
Delta R.T. -0.00 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Tgt Ion:	88	Resp:	127
Ion	Ratio	Lower	Upper
88	100		
43	129.2	38.3	57.5#
58	0.0	47.4	71.2#





#50

Toluene-d8

Concen: 15.529 ug/l

RT: 7.70 min Scan# 717

Delta R.T. 0.02 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

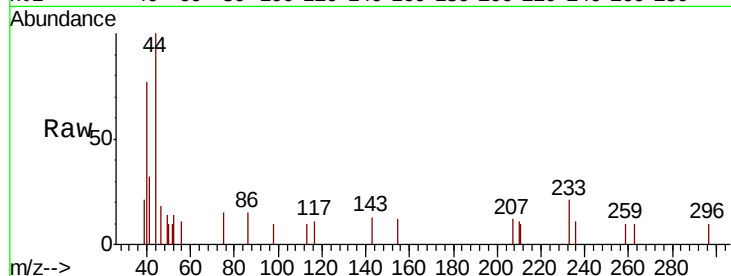
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 98 Resp: 60

Ion Ratio Lower Upper

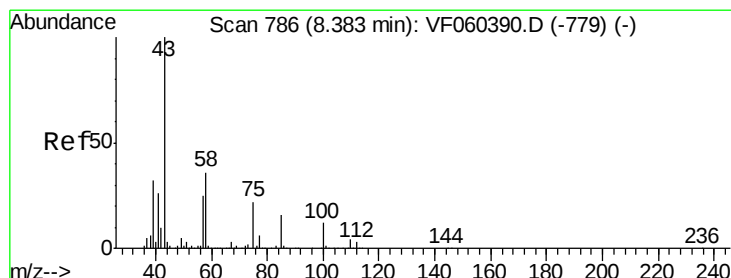
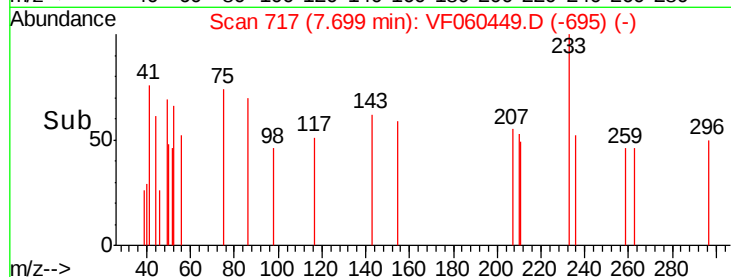
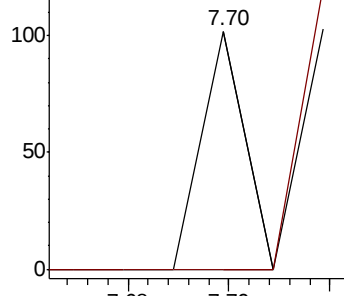
98 100

100 0.0 56.5 84.7#



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: 880.174 ug/l

RT: 8.42 min Scan# 790

Delta R.T. 0.04 min

Lab File: VF060449.D

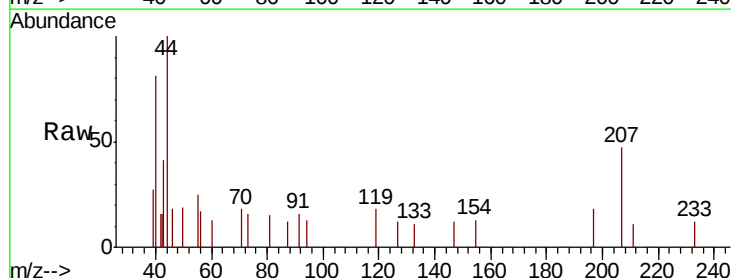
Acq: 4 Oct 2018 21:23

Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

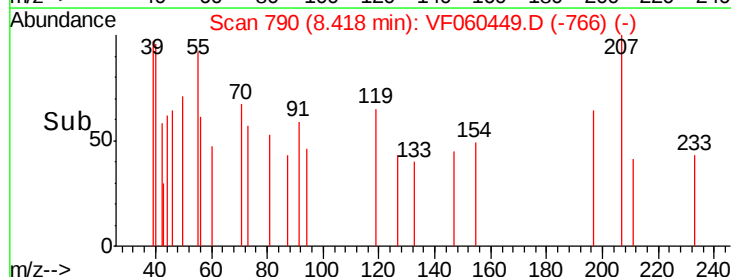
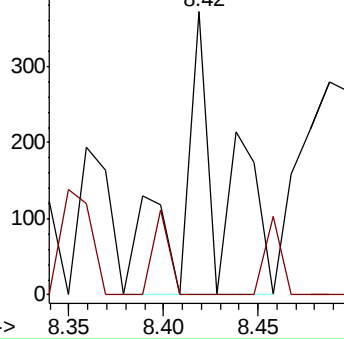
43 100

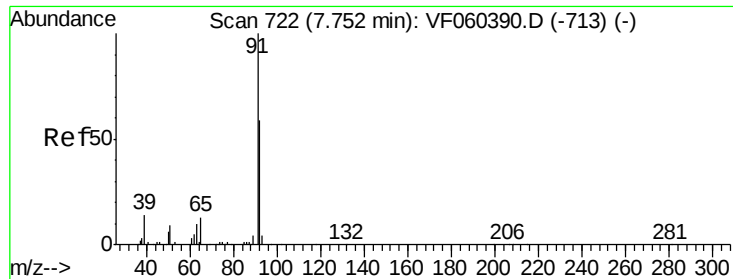
58 0.0 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 34.218 ug/l

RT: 7.64 min Scan# 711

Delta R.T. -0.11 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

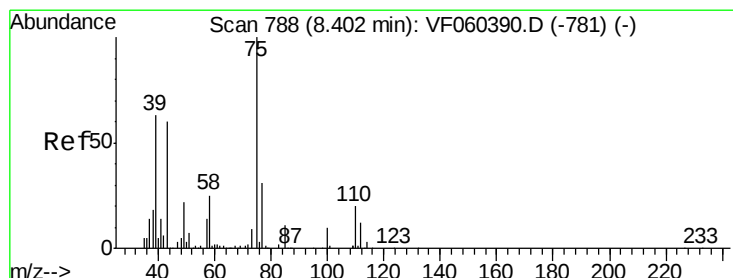
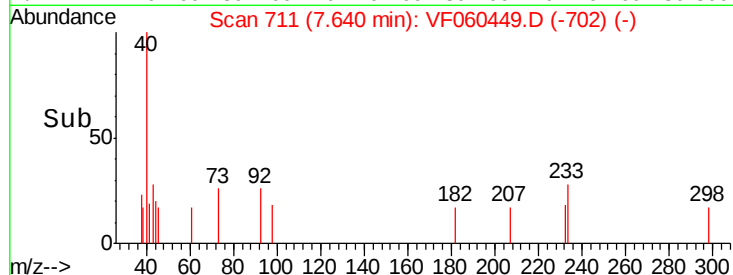
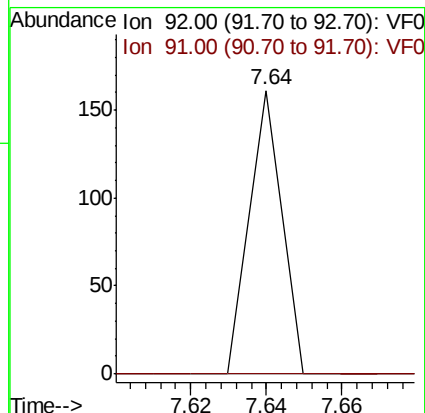
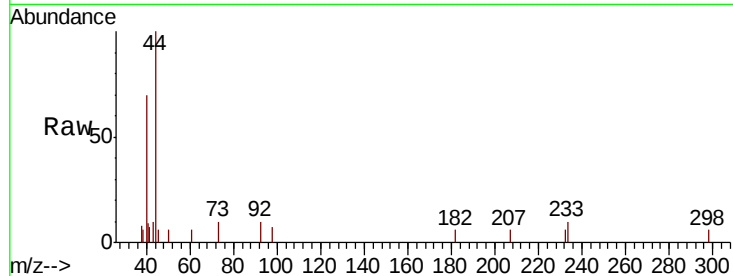
ClientSampleId :

Tot Ion: 92 Resp: 95

Ion Ratio Lower Upper

92 100

91 0.0 135.4 203.0#



#53

t-1,3-Dichloropropene

Concen: 77.707 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.03 min

Lab File: VF060449.D

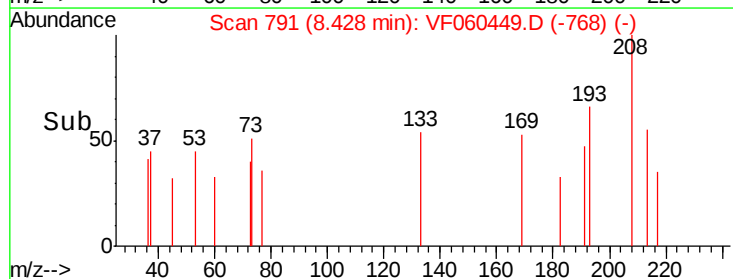
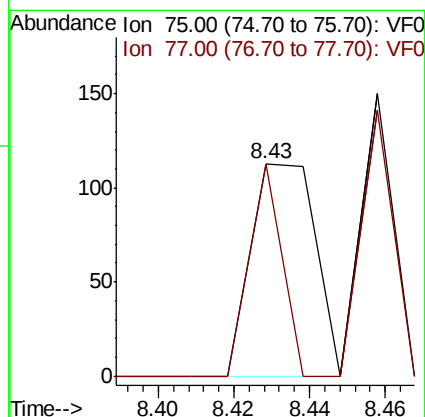
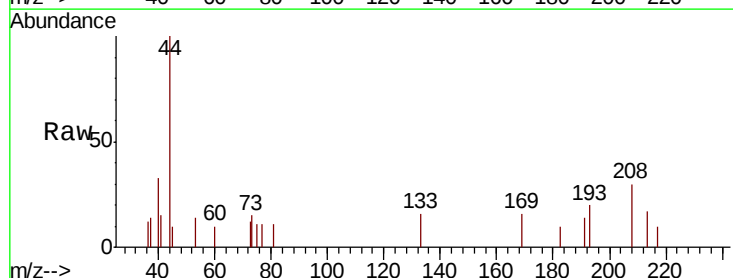
Acq: 4 Oct 2018 21:23

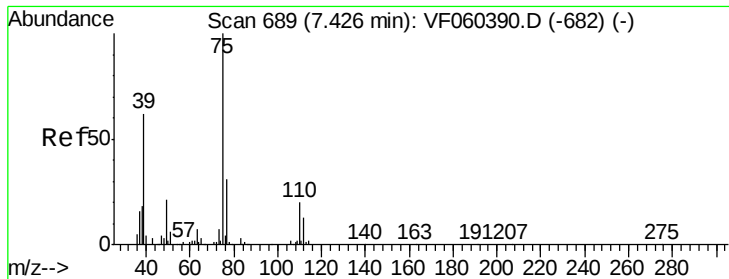
Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

77 100.0 24.6 36.8#





#54

cis-1,3-Dichloropropene

Concen: 47.348 ug/l

RT: 7.42 min Scan# 689

Delta R.T. -0.00 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

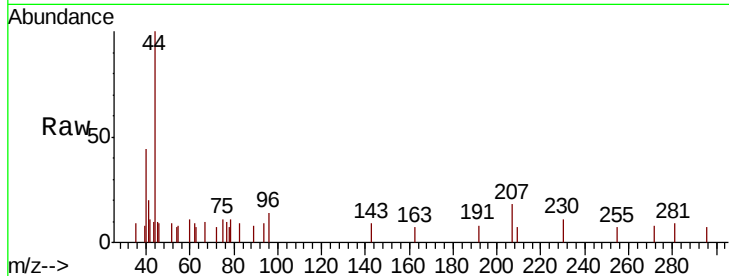
Tot Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

77 91.2 25.2 37.8#

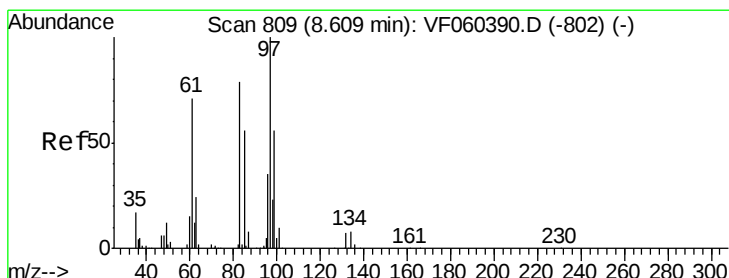
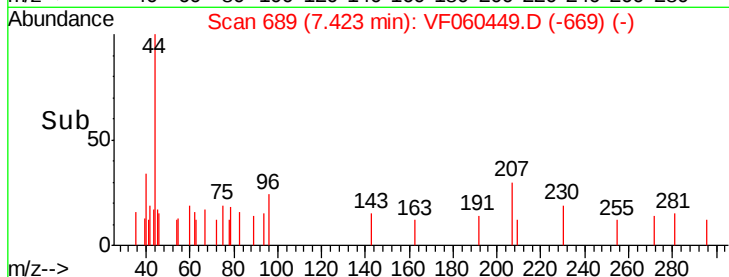
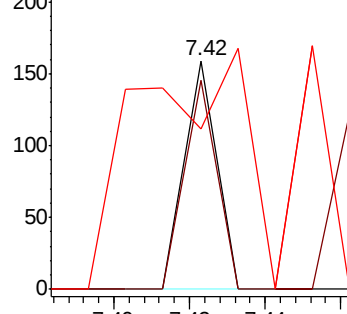
39 70.4 49.7 74.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#55

1,1,2-Trichloroethane

Concen: 79.545 ug/l

RT: 8.68 min Scan# 817

Delta R.T. 0.08 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Tgt Ion: 97 Resp: 70

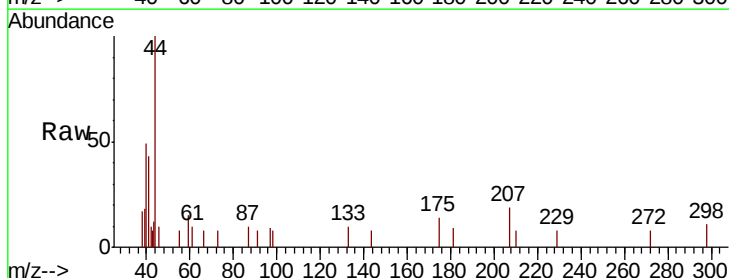
Ion Ratio Lower Upper

97 100

83 0.0 63.4 95.0#

85 0.0 44.5 66.7#

99 0.0 45.1 67.7#

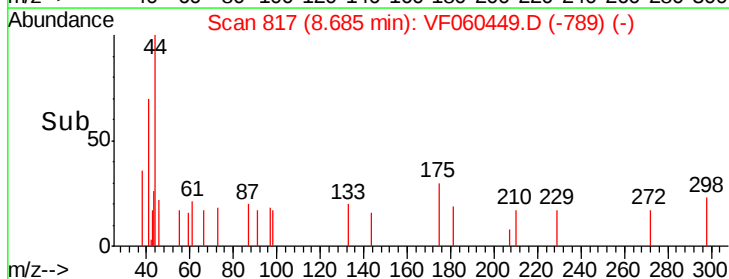
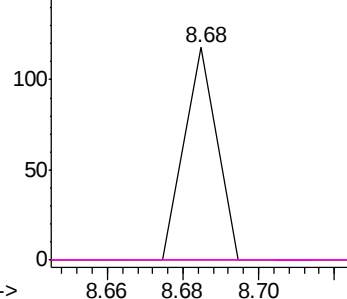


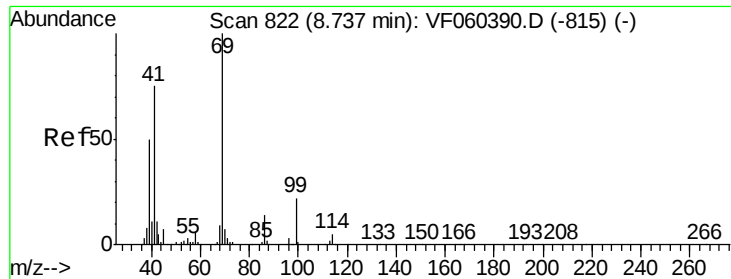
Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0





#56

Ethyl methacrylate

Concen: 191.005 ug/l

RT: 8.72 min Scan# 821

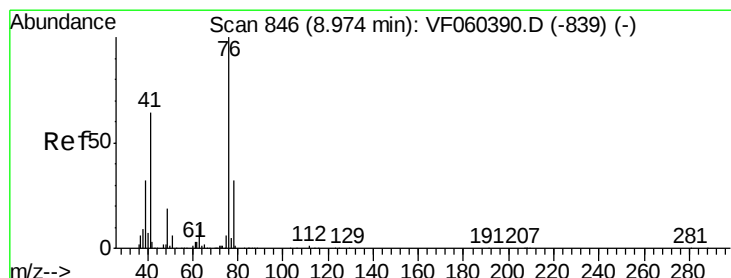
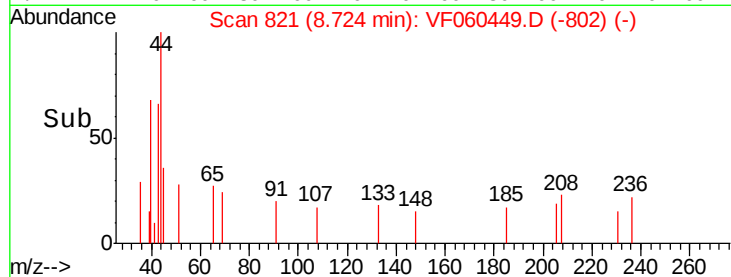
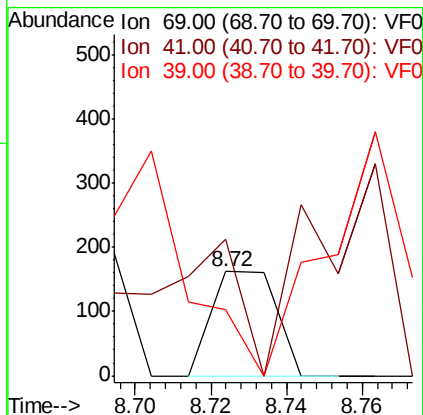
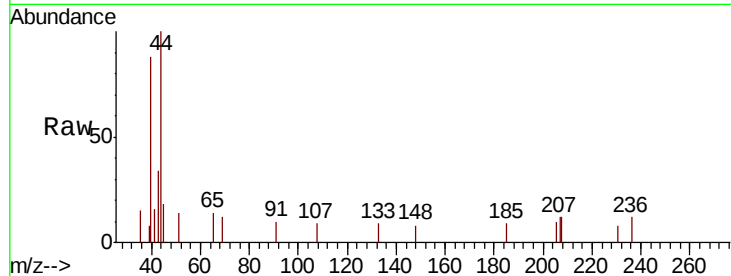
Delta R.T. -0.01 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	69	Resp:	191
Ion	Ratio	Lower	Upper
69	100		
41	131.5	60.2	90.4#
39	63.0	40.2	60.2#



#57

1,3-Dichloropropane

Concen: 118.221 ug/l

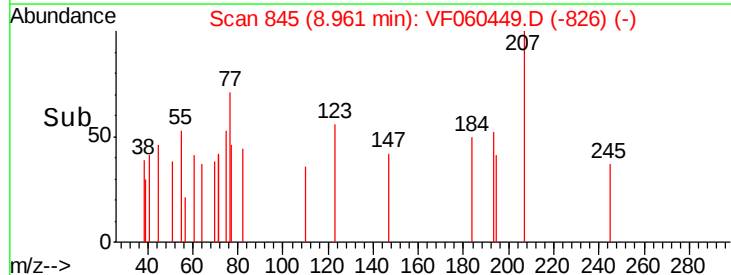
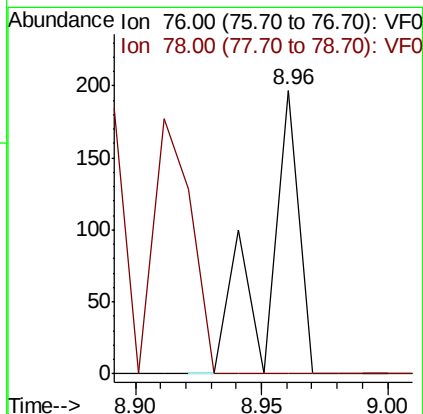
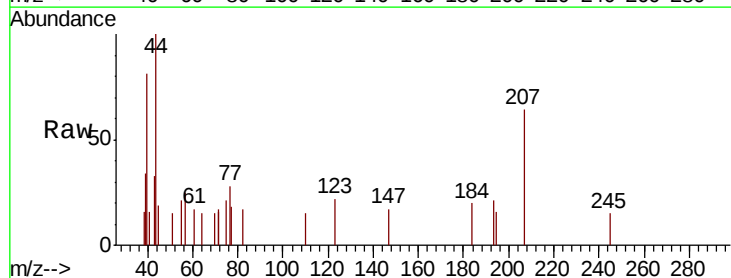
RT: 8.96 min Scan# 845

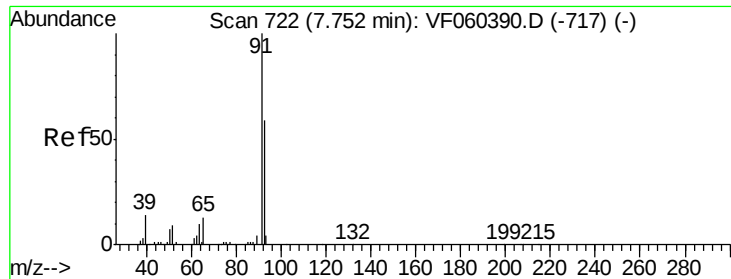
Delta R.T. -0.01 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Tgt Ion:	76	Resp:	176
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.3	37.9#

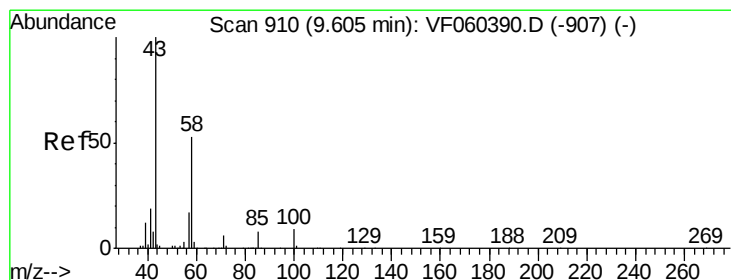
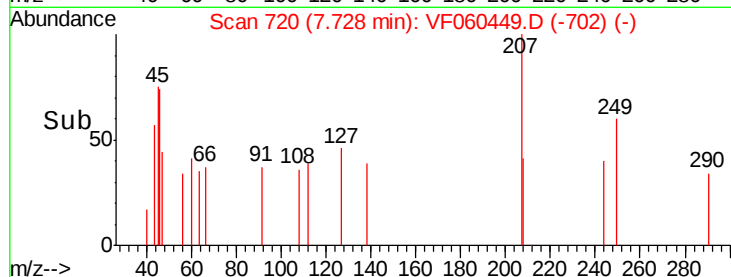
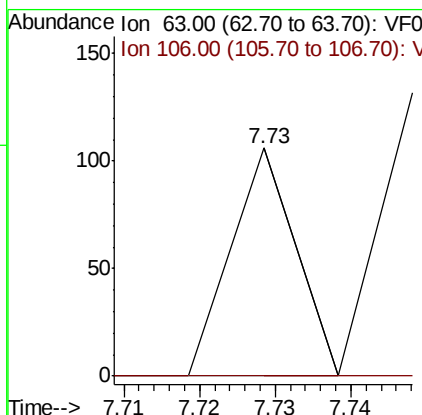
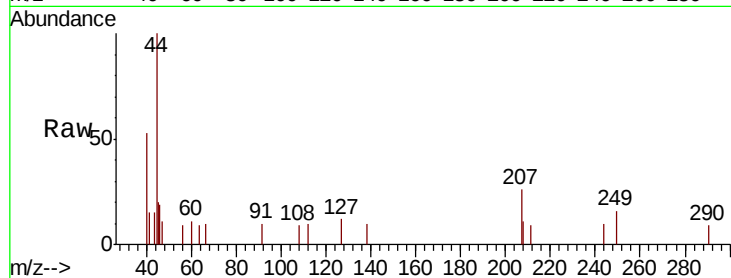




#58
 2-Chloroethyl Vinyl ether
 Concen: 616.785 ug/l
 RT: 7.73 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: VF060449.D
 Acq: 4 Oct 2018 21:23

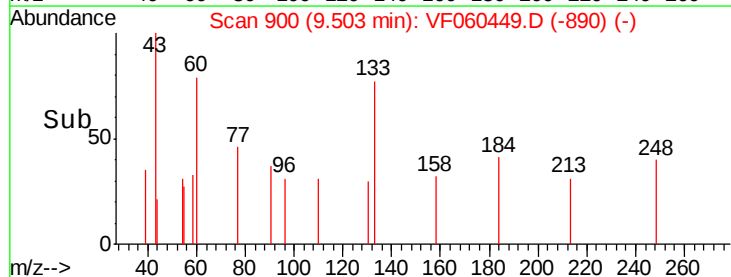
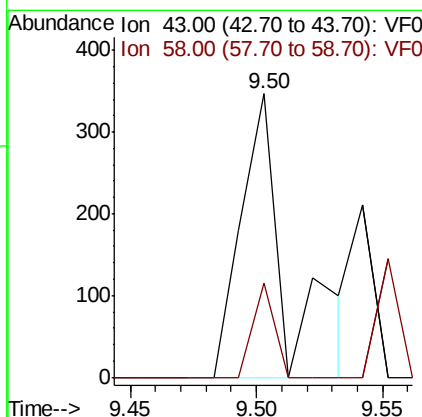
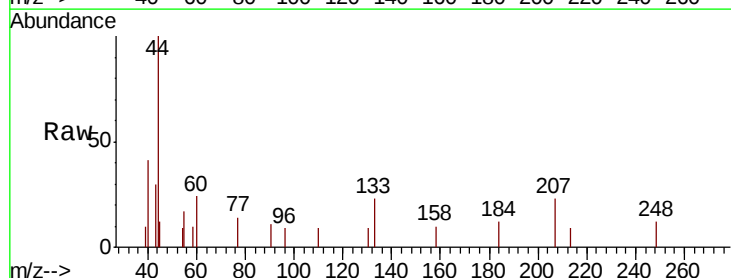
Instrument :
 MSVOA_F
 ClientSampled :

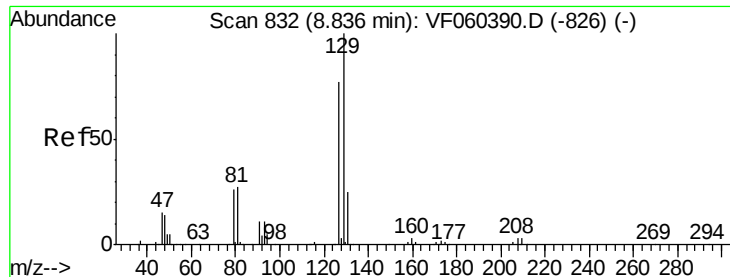
Tot Ion: 63 Resp: 63
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 888.433 ug/l
 RT: 9.50 min Scan# 900
 Delta R.T. -0.10 min
 Lab File: VF060449.D
 Acq: 4 Oct 2018 21:23

Tgt Ion: 43 Resp: 442
 Ion Ratio Lower Upper
 43 100
 58 33.4 25.6 76.6





#60

Dibromochloromethane

Concen: 46.038 ug/l

RT: 8.97 min Scan# 846

Delta R.T. 0.13 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

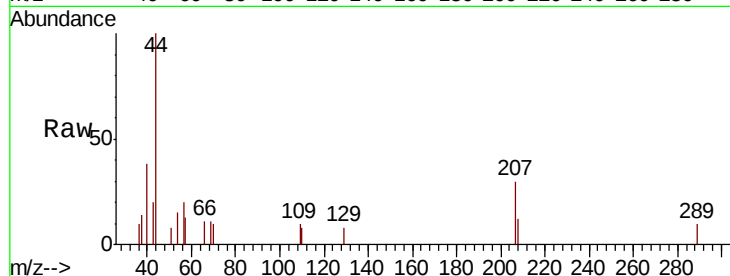
ClientSampleId :

Tot Ion:129 Resp: 61

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.97

100

80

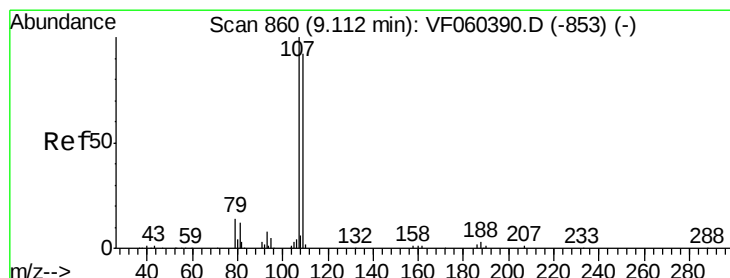
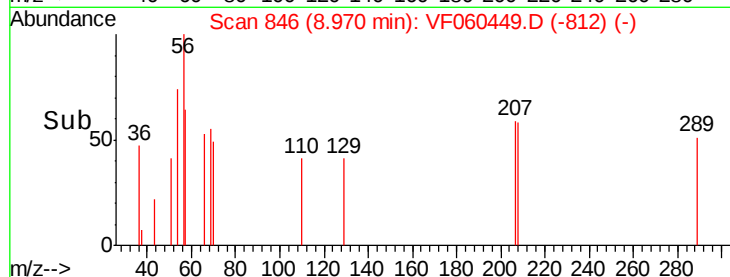
60

40

20

0

Time-->



#61

1,2-Dibromoethane

Concen: 81.004 ug/l

RT: 9.12 min Scan# 861

Delta R.T. 0.01 min

Lab File: VF060449.D

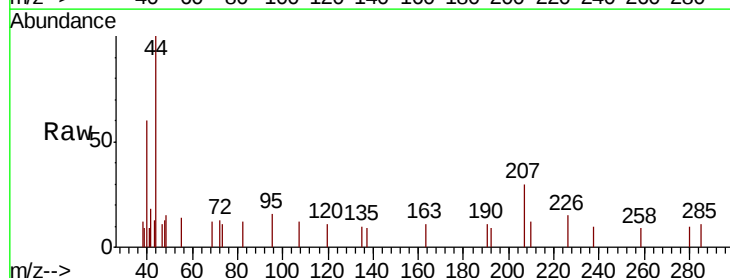
Acq: 4 Oct 2018 21:23

Tgt Ion:107 Resp: 78

Ion Ratio Lower Upper

107 100

109 0.0 73.7 110.5#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

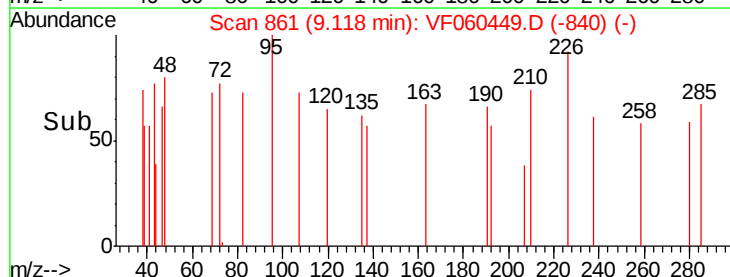
150

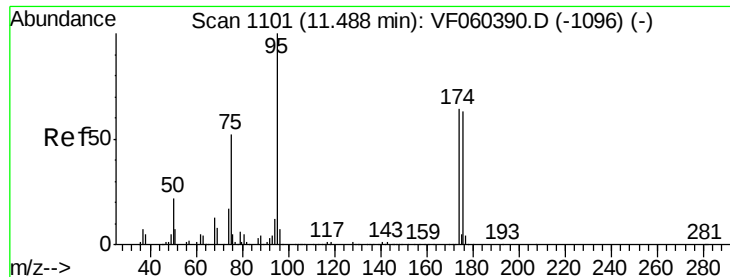
100

50

0

Time-->





#62

4-Bromofluorobenzene

Concen: 41.379 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060449.D

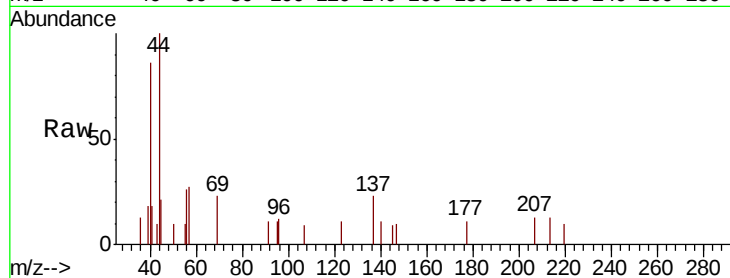
Acq: 4 Oct 2018 21:23

Instrument :

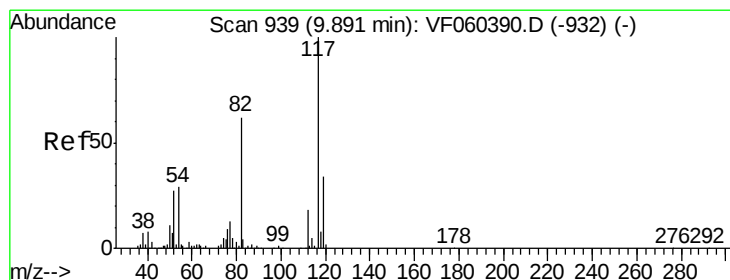
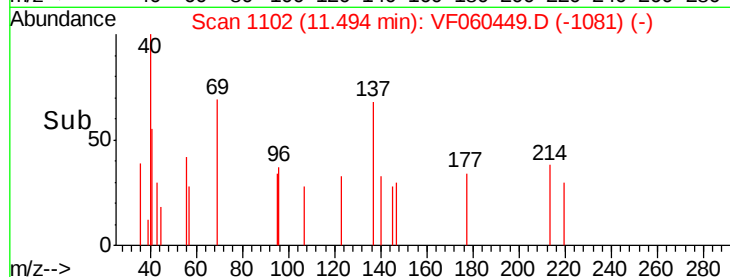
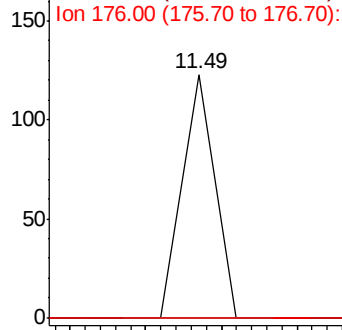
MSVOA_F

ClientSampleId :

Tot Ion:	95	Resp:	73
Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	129.0
176	0.0	0.0	125.6



Abundance Ion 95.00 (94.70 to 95.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

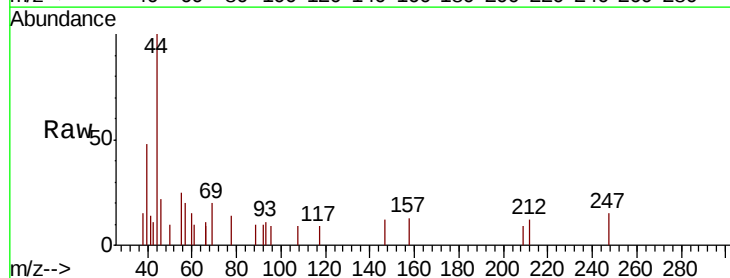
RT: 9.95 min Scan# 945

Delta R.T. 0.06 min

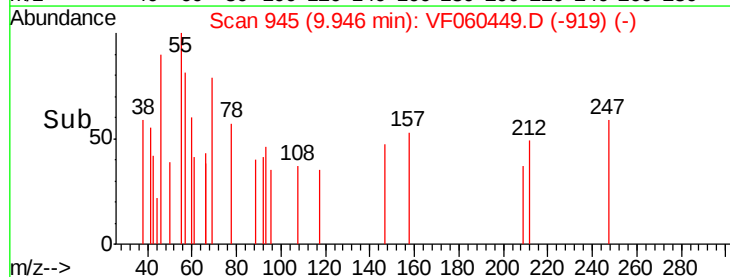
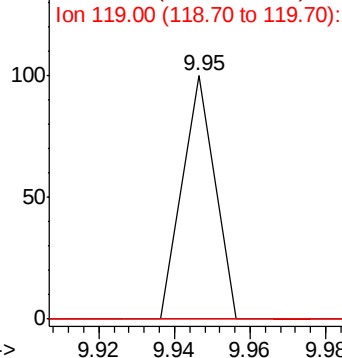
Lab File: VF060449.D

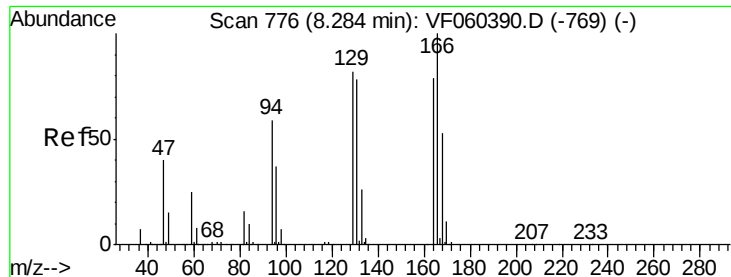
Acq: 4 Oct 2018 21:23

Tgt Ion:	117	Resp:	59
Ion	Ratio	Lower	Upper
117	100		
82	0.0	49.5	74.3#
119	0.0	27.0	40.6#



Abundance Ion 117.00 (116.70 to 117.70): V





#64

Tetrachloroethene

Concen: 277.177 ug/l

RT: 8.22 min Scan# 770

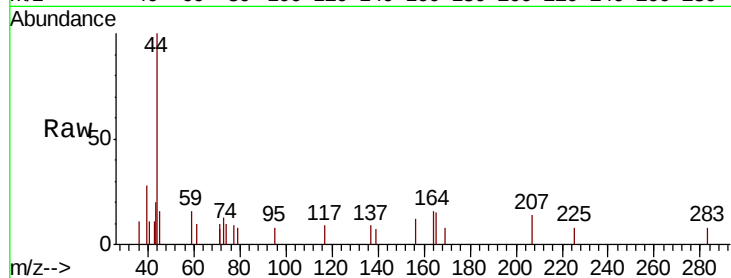
Delta R.T. -0.06 min

Lab File: VF060449.D

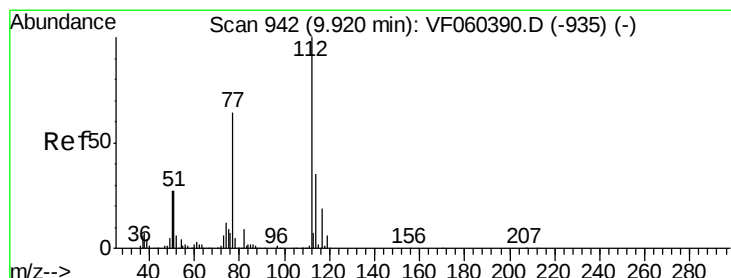
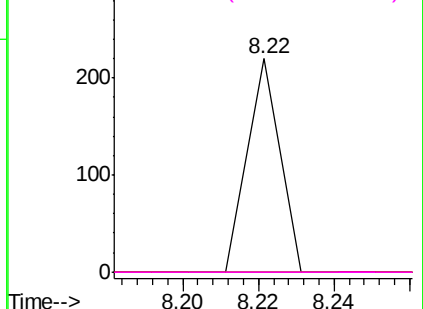
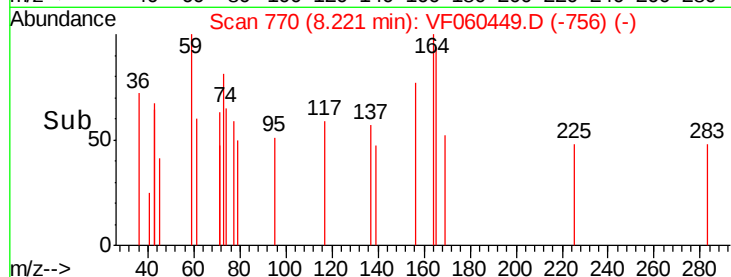
Acq: 4 Oct 2018 21:23

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	164	Resp:	130
Ion	Ratio	Lower	Upper
164	100		
166	0.0	101.0	151.6#
129	0.0	82.5	123.7#
131	0.0	79.2	118.8#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#65

Chlorobenzene

Concen: 51.156 ug/l

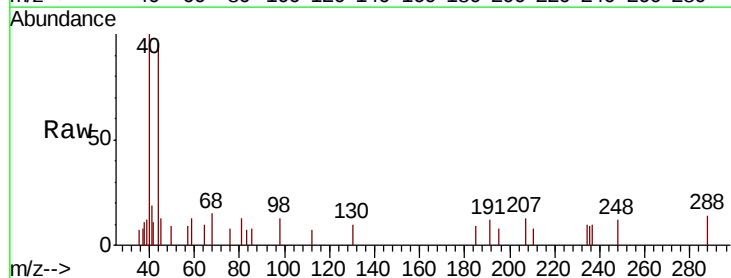
RT: 9.83 min Scan# 933

Delta R.T. -0.09 min

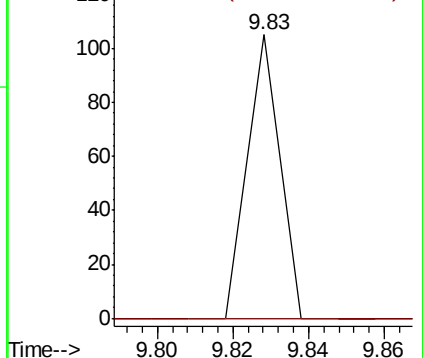
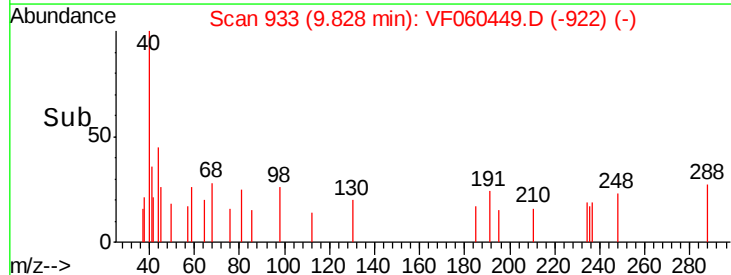
Lab File: VF060449.D

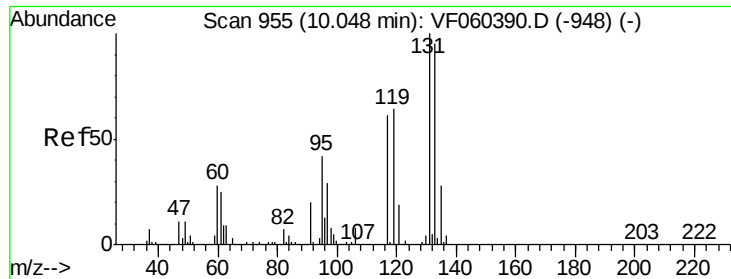
Acq: 4 Oct 2018 21:23

Tgt Ion:	112	Resp:	62
Ion	Ratio	Lower	Upper
112	100		
114	0.0	27.7	41.5#



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 136.057 ug/l

RT: 10.19 min Scan# 970

Delta R.T. 0.14 min

Lab File: VF060449.D

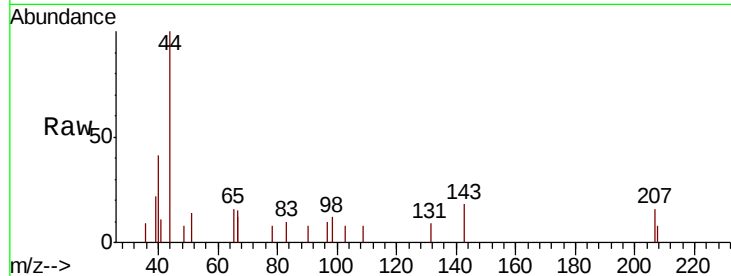
Acq: 4 Oct 2018 21:23

Instrument :

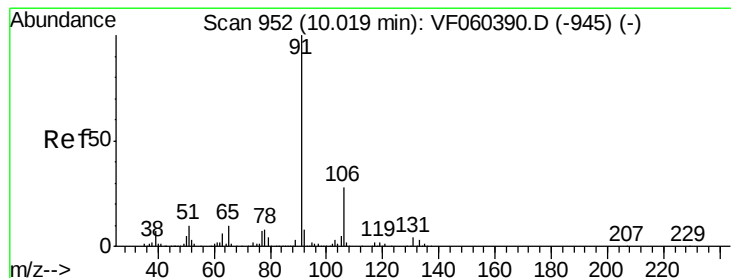
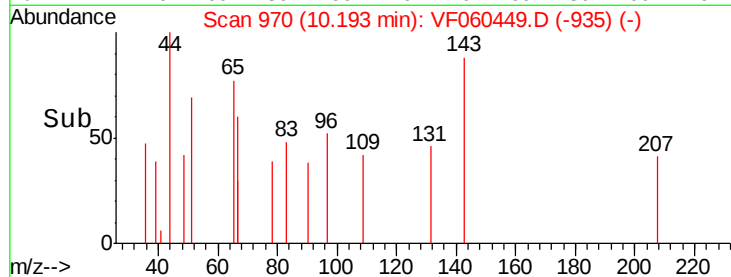
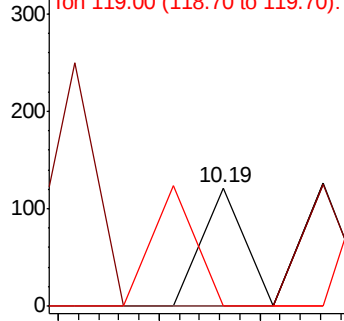
MSVOA_F

ClientSampleId :

Tot Ion:	131	Resp:	72
Ion	Ratio	Lower	Upper
131	100		
133	0.0	47.3	141.8#
119	0.0	32.3	96.9#



Abundance Ion 131.00 (130.70 to 131.70): V



#67

Ethyl Benzene

Concen: 26.905 ug/l

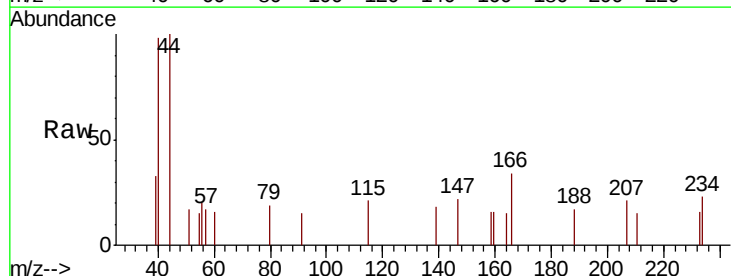
RT: 10.08 min Scan# 959

Delta R.T. 0.07 min

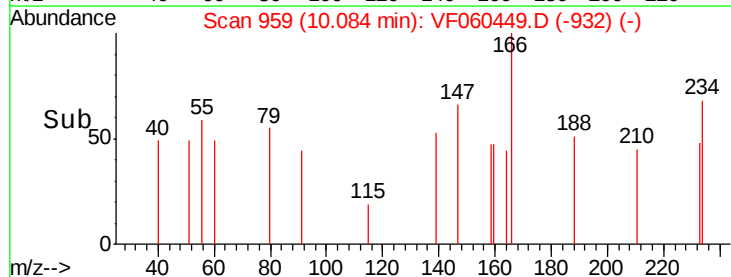
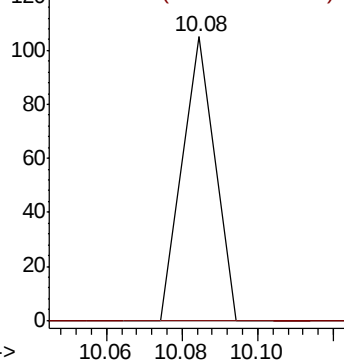
Lab File: VF060449.D

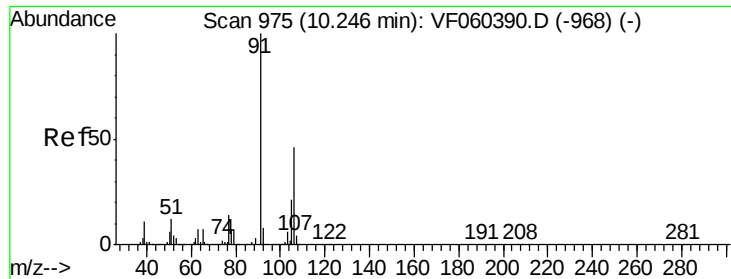
Acq: 4 Oct 2018 21:23

Tgt Ion:	91	Resp:	62
Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.5	33.7#



Abundance Ion 91.00 (90.70 to 91.70): VF0





#68

m/p-Xylenes

Concen: 88.363 ug/l

RT: 10.37 min Scan# 988

Delta R.T. 0.12 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

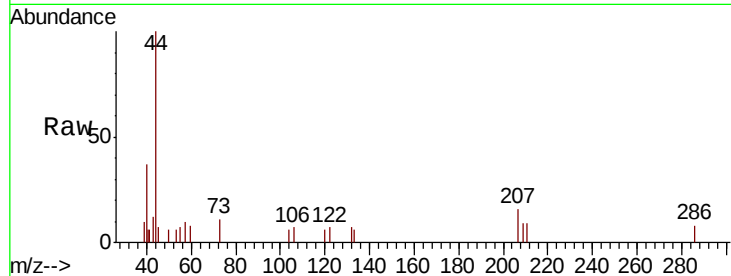
ClientSampled :

Tot Ion:106 Resp: 70

Ion Ratio Lower Upper

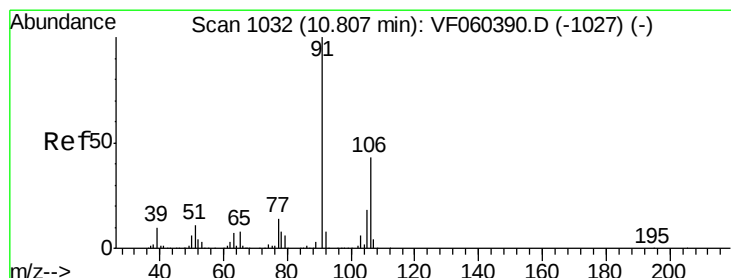
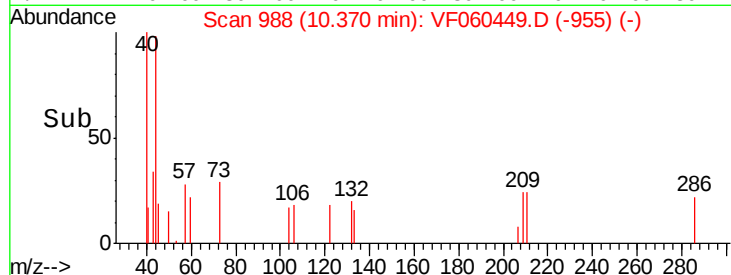
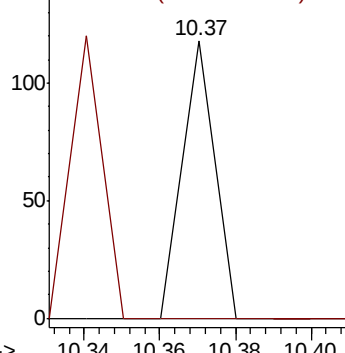
106 100

91 0.0 175.0 262.6#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 218.879 ug/l

RT: 10.79 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VF060449.D

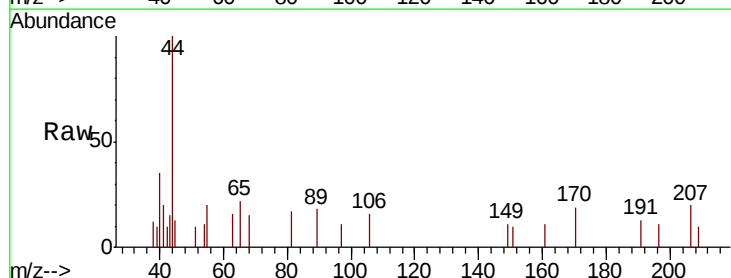
Acq: 4 Oct 2018 21:23

Tgt Ion:106 Resp: 189

Ion Ratio Lower Upper

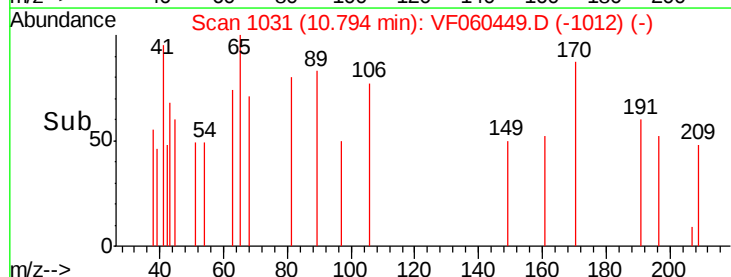
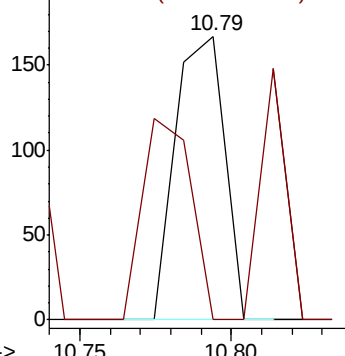
106 100

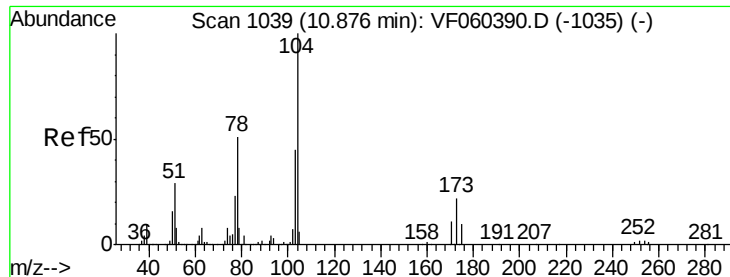
91 0.0 115.1 345.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

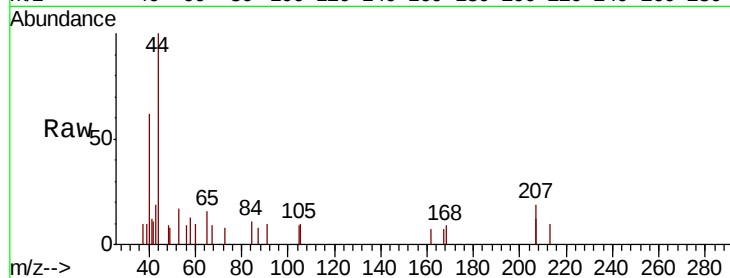




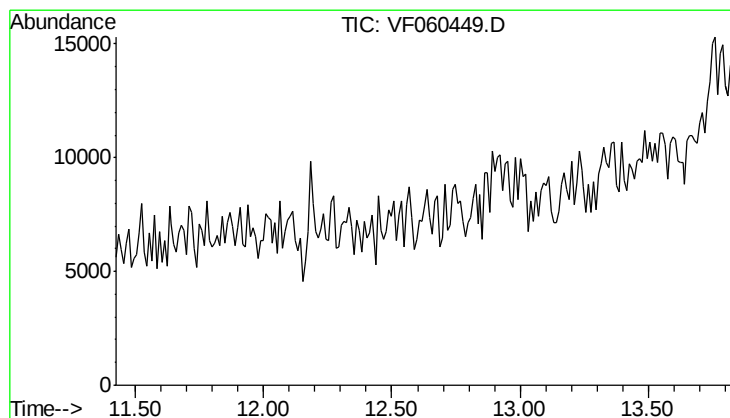
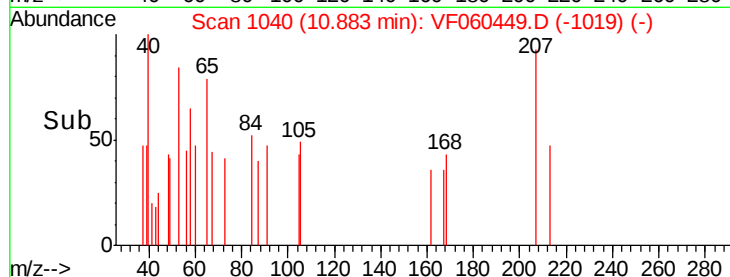
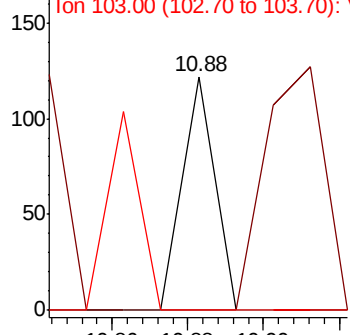
#70
Stvrene
Concen: 58.621 ug/l
RT: 10.88 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:104 Resp: 72
Ion Ratio Lower Upper
104 100
78 0.0 41.0 61.4#
103 0.0 36.4 54.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.62 min

Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.2
150 162.3

