

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
 Data File : VF060550.D
 Acq On : 30 Oct 2018 17:45
 Operator : VA/AP
 Sample : J5711-03
 Misc : 6.18/5mL/MSVOA_F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3

Quant Time: Oct 31 04:52:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 05:31:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	82	50.00	ug/l	-0.11
34) 1,4-Difluorobenzene	5.84	114	88	50.00	ug/l	0.07
63) Chlorobenzene-d5	9.95	117	131	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.72	152	102	50.00	ug/l	0.09

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.94	65	70	55.34	ug/l	-0.10
Spiked Amount	50.000		Recovery	=	110.68%	
35) Dibromofluoromethane	4.23	113	79	93.55	ug/l	-0.08
Spiked Amount	50.000		Recovery	=	187.10%	
50) Toluene-d8	7.82	98	60	29.09	ug/l	0.09
Spiked Amount	50.000		Recovery	=	58.18%	
62) 4-Bromofluorobenzene	11.72	95	62	65.25	ug/l	0.20
Spiked Amount	50.000		Recovery	=	130.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.93	85	60	42.37	ug/l #	41
3) Chloromethane	1.08	50	302	373.59	ug/l #	46
4) Vinyl Chloride	1.21	62	81	82.39	ug/l #	43
5) Bromomethane	1.38	94	140	181.20	ug/l #	4
6) Chloroethane	1.45	64	80	156.29	ug/l #	41
7) Trichlorofluoromethane	1.51	101	62	26.18	ug/l #	18
8) Diethyl Ether	1.50	74	75	252.47	ug/l	60
9) 1,1,2-Trichlorotrifluoroet	1.89	101	69	66.30	ug/l #	22
10) Methyl Iodide	2.06	142	137	76.47	ug/l #	20
11) Tert butyl alcohol	2.60	59	72	1044.05	ug/l #	71
12) 1,1-Dichloroethene	1.80	96	73	79.22	ug/l #	1
13) Acrolein	2.09	56	85	1867.84	ug/l #	12
14) Allyl chloride	2.15	41	201	137.18	ug/l #	69
15) Acrylonitrile	3.02	53	88	695.79	ug/l #	13
16) Acetone	2.27	43	125	524.41	ug/l #	62
17) Carbon Disulfide	1.80	76	85	32.82	ug/l #	73
18) Methyl Acetate	2.41	43	97	238.12	ug/l #	61
19) Methyl tert-butyl Ether	2.50	73	137	66.35	ug/l #	59
20) Methylene Chloride	2.36	84	74	89.48	ug/l #	1
21) trans-1,2-Dichloroethene	2.38	96	66	70.03	ug/l #	34
22) Diisopropyl ether	2.86	45	156	58.61	ug/l #	53
23) Vinyl Acetate	3.23	43	173	175.23	ug/l #	78
24) 1,1-Dichloroethane	3.01	63	66	34.36	ug/l #	90
25) 2-Butanone	4.41	43	74	249.97	ug/l #	54
26) 2,2-Dichloropropane	3.65	77	94	78.76	ug/l #	61
27) cis-1,2-Dichloroethene	3.57	96	168	147.83	ug/l	1
28) Bromochloromethane	3.91	49	67	96.85	ug/l #	1
29) Tetrahydrofuran	4.17	42	80	786.45	ug/l #	37
30) Chloroform	3.95	83	61	25.15	ug/l #	15
31) Cyclohexane	3.82	56	64	46.67	ug/l #	14
32) 1,1,1-Trichloroethane	4.15	97	206	102.73	ug/l #	23
37) Ethyl Acetate	4.38	43	131	369.06	ug/l #	1
38) Carbon Tetrachloride	4.08	117	149	113.50	ug/l #	12
39) Methylcyclohexane	5.72	83	85	76.77	ug/l #	15

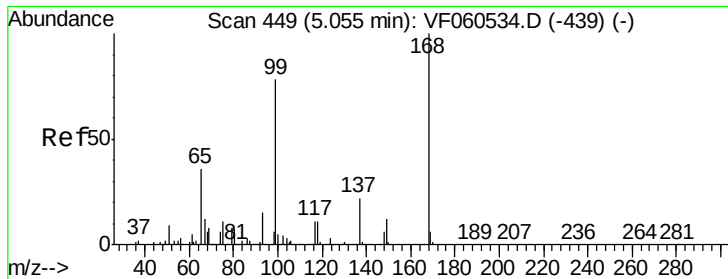
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
 Data File : VF060550.D
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 05:31:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.93	41	108	532.28	ug/l #	24
42) 1,2-Dichloroethane	5.12	62	65	64.37	ug/l	78
43) Isopropyl Acetate	7.21	43	73	169.91	ug/l #	43
45) 1,2-Dichloropropane	6.56	63	61	112.41	ug/l #	42
46) Dibromomethane	6.28	93	64	150.18	ug/l #	9
47) Bromodichloromethane	6.79	83	163	149.07	ug/l #	24
48) Methyl methacrylate	6.97	41	223	752.49	ug/l #	14
49) 1,4-Dioxane	6.81	88	75	27205.55	ug/l #	12
51) 4-Methyl-2-Pentanone	8.53	43	529	1699.77	ug/l #	84
52) Toluene	7.97	92	68	48.17	ug/l #	1
53) t-1,3-Dichloropropene	8.56	75	115	134.63	ug/l #	44
54) cis-1,3-Dichloropropene	7.59	75	95	93.85	ug/l #	79
56) Ethyl methacrylate	8.82	69	89	187.51	ug/l #	5
57) 1,3-Dichloropropane	9.13	76	81	113.16	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.84	63	83	1696.74	ug/l	100
59) 2-Hexanone	9.75	43	110	543.53	ug/l #	29
64) Tetrachloroethene	8.39	164	63	56.89	ug/l #	37
65) Chlorobenzene	9.92	112	65	24.66	ug/l #	43
67) Ethyl Benzene	10.00	91	64	12.71	ug/l #	47
70) Styrene	10.85	104	73	26.73	ug/l #	27
71) Bromoform	11.05	173	67	108.16	ug/l #	34
73) Isopropylbenzene	11.28	105	76	9.75	ug/l #	51
74) N-amyl acetate	11.42	43	80	51.23	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.92	83	66	50.73	ug/l #	25
76) 1,2,3-Trichloropropane	11.83	75	147	150.19	ug/l #	41
79) 2-Chlorotoluene	11.89	91	60	10.84	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.99	105	172	25.53	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.97	75	237	554.38	ug/l #	15
82) 4-Chlorotoluene	11.89	91	60	10.45	ug/l #	44
83) tert-Butylbenzene	12.19	119	62	9.50	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.32	105	114	16.66	ug/l #	32
85) sec-Butylbenzene	12.32	105	114	12.46	ug/l #	58
87) 1,3-Dichlorobenzene	12.45	146	66	19.27	ug/l #	23
89) n-Butylbenzene	12.90	91	67	3.47	ug/l #	28
90) Hexachloroethane	13.08	117	67	34.57	ug/l #	23
91) 1,2-Dichlorobenzene	13.15	146	69	21.39	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.73	75	84	311.38	ug/l #	6
95) Naphthalene	14.52	128	83	19.42	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.95 min Scan# 438

Delta R.T. -0.11 min

Lab File: VF060550.D

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Instrument :

MSVOA_F

ClientSampleId :

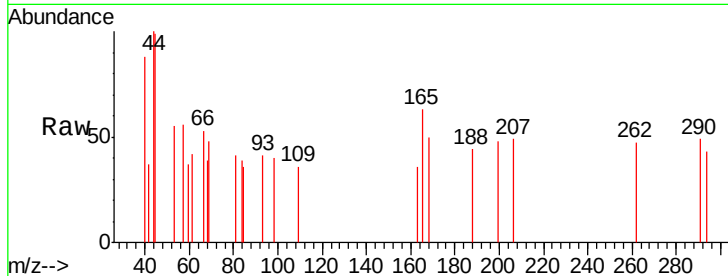
SB-3

Tgt Ion:168 Resp: 82

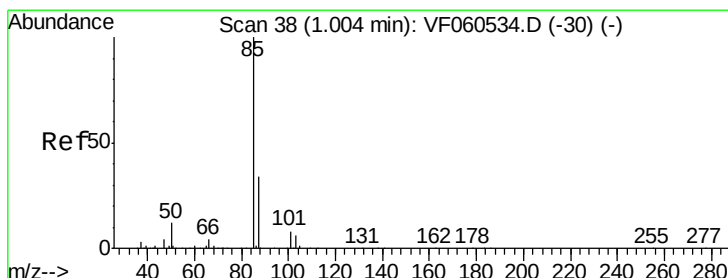
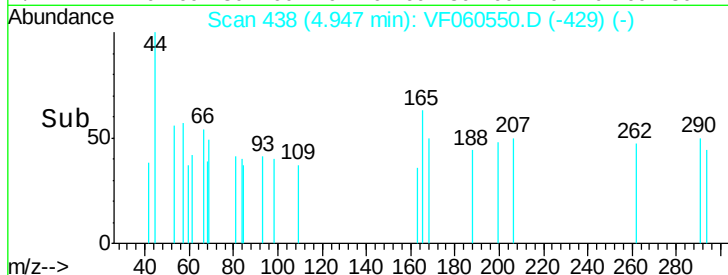
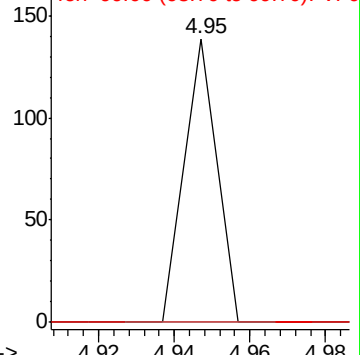
Ion Ratio Lower Upper

168 100

99 0.0 62.6 93.8#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 42.37 ug/l

RT: 0.93 min Scan# 31

Delta R.T. -0.07 min

Lab File: VF060550.D

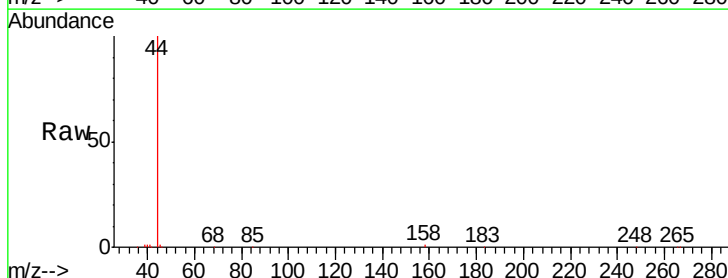
Acq: 30 Oct 2018 17:45

Tgt Ion: 85 Resp: 60

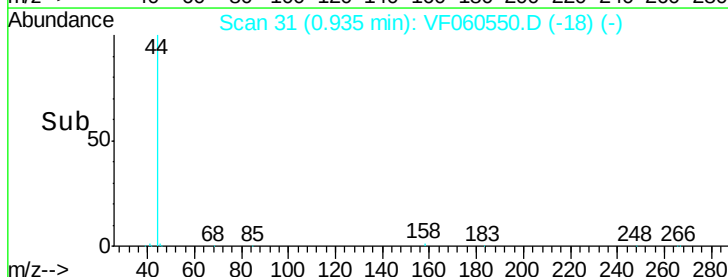
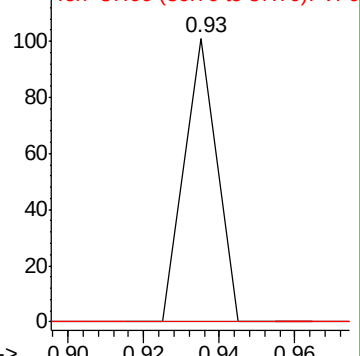
Ion Ratio Lower Upper

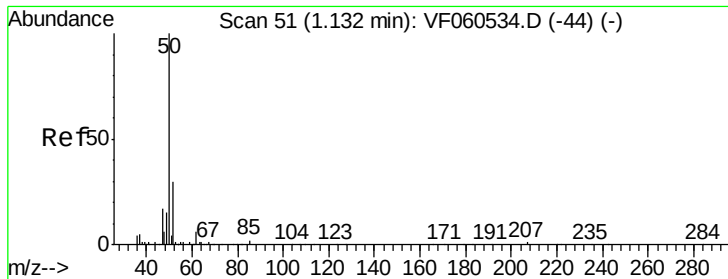
85 100

87 0.0 16.9 50.7#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 373.59 ug/l

RT: 1.08 min Scan# 46

Delta R.T. -0.05 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampled :

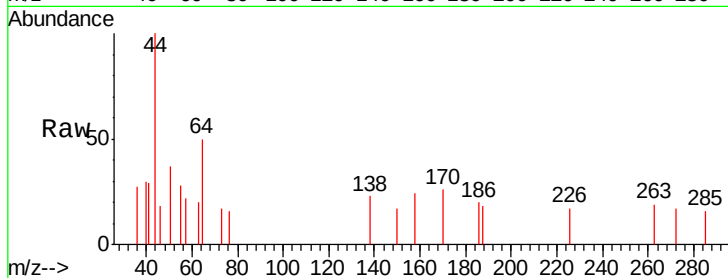
SB-3

Tgt Ion: 50 Resp: 302

Ion Ratio Lower Upper

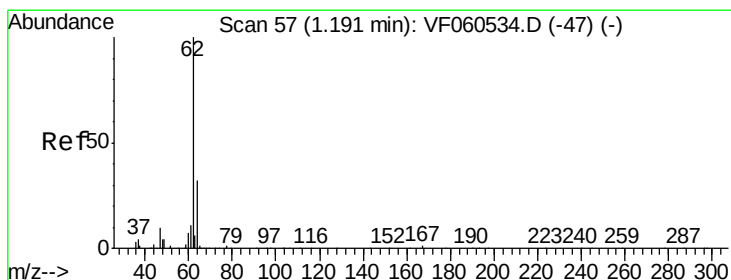
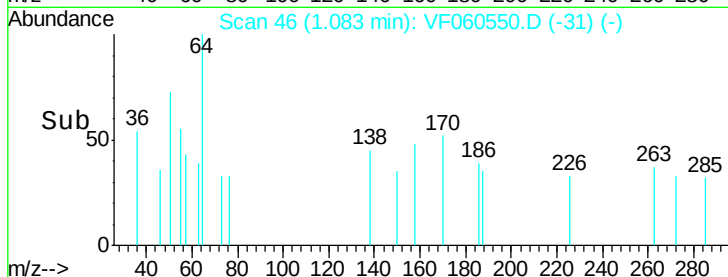
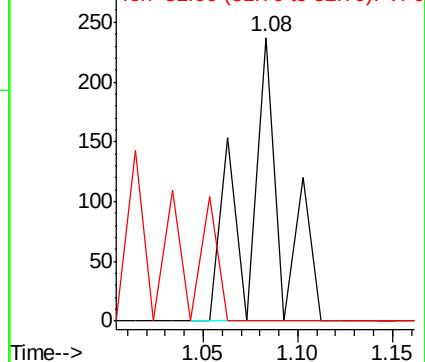
50 100

52 0.0 22.8 34.2#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 82.39 ug/l

RT: 1.21 min Scan# 59

Delta R.T. 0.02 min

Lab File: VF060550.D

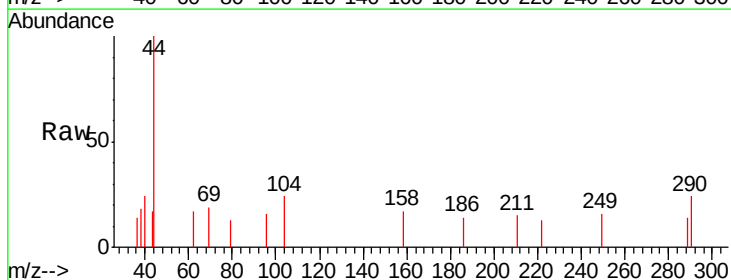
Acq: 30 Oct 2018 17:45

Tgt Ion: 62 Resp: 81

Ion Ratio Lower Upper

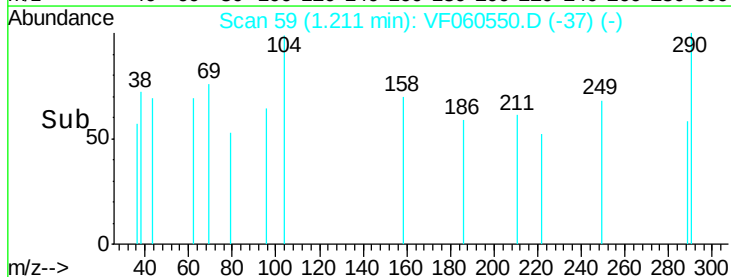
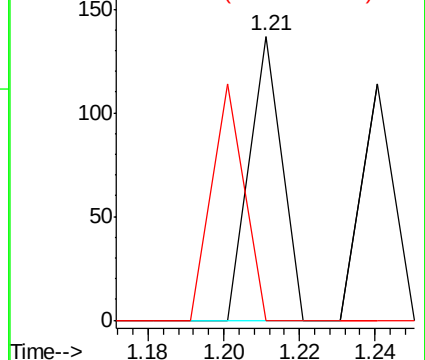
62 100

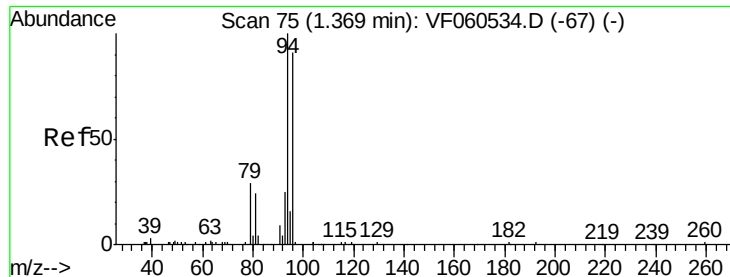
64 0.0 25.3 37.9#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 181.20 ug/l

RT: 1.38 min Scan# 76

Delta R.T. 0.01 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

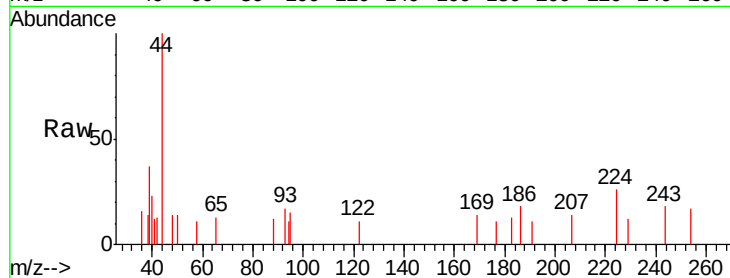
SB-3

Tgt Ion: 94 Resp: 140

Ion Ratio Lower Upper

94 100

96 0.0 73.2 109.8#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

1.38

250

200

150

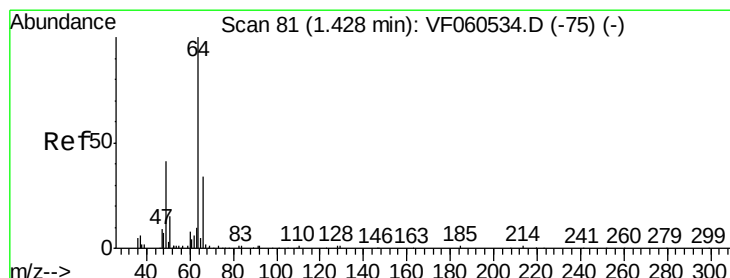
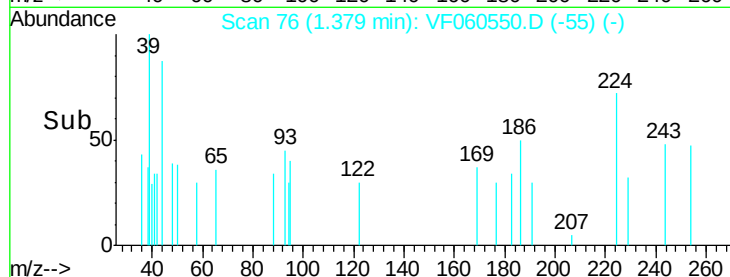
100

50

0

1.34 1.36 1.38 1.40

Time-->



#6

Chloroethane

Concen: 156.29 ug/l

RT: 1.45 min Scan# 83

Delta R.T. 0.02 min

Lab File: VF060550.D

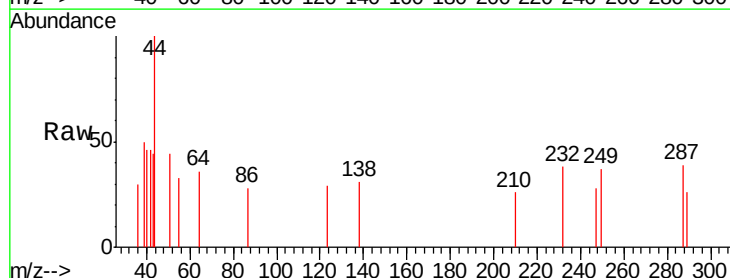
Acq: 30 Oct 2018 17:45

Tgt Ion: 64 Resp: 80

Ion Ratio Lower Upper

64 100

66 0.0 27.1 40.7#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1.45

150

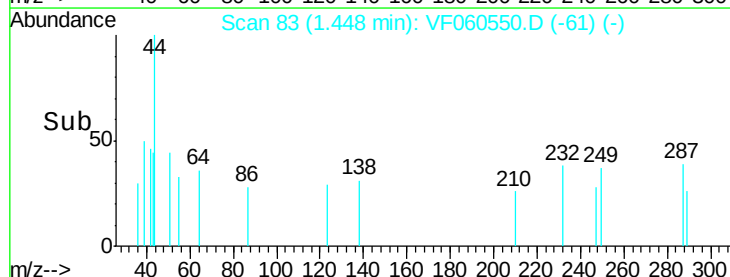
100

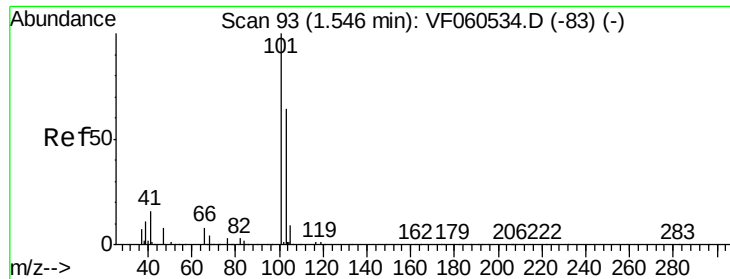
50

0

1.42 1.44 1.46 1.48

Time-->





#7

Trichlorofluoromethane

Concen: 26.18 ug/l

RT: 1.51 min Scan# 89

Delta R.T. -0.04 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

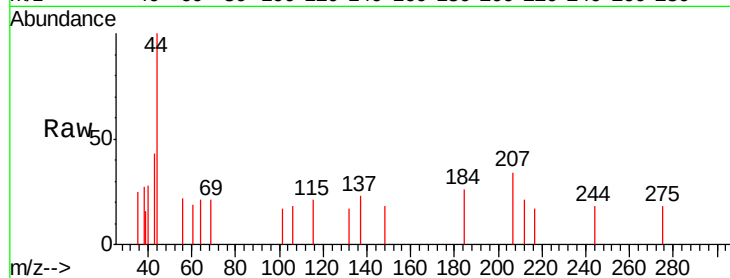
SB-3

Tgt Ion:101 Resp: 62

Ion Ratio Lower Upper

101 100

103 0.0 51.6 77.4#

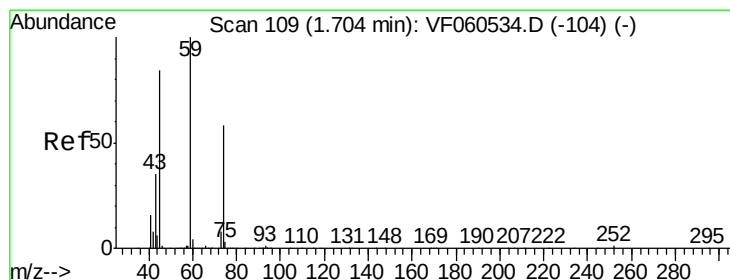
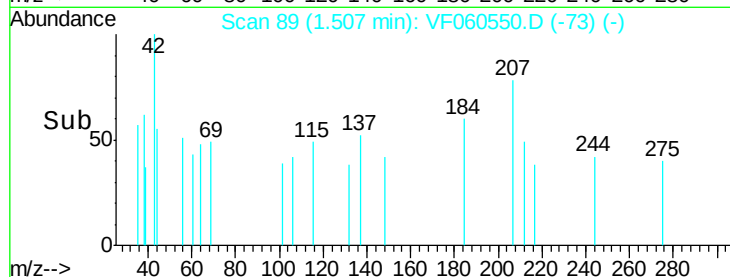


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.51

Time-->



#8

Diethyl Ether

Concen: 252.47 ug/l

RT: 1.50 min Scan# 88

Delta R.T. -0.21 min

Lab File: VF060550.D

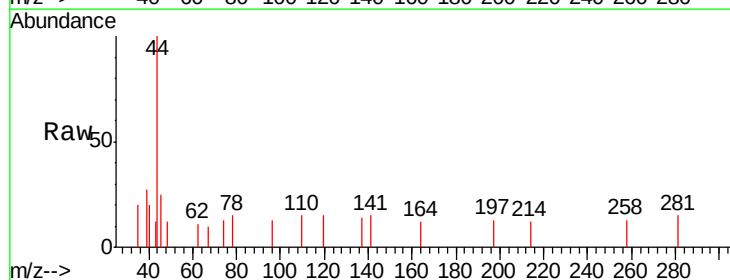
Acq: 30 Oct 2018 17:45

Tgt Ion: 74 Resp: 75

Ion Ratio Lower Upper

74 100

45 196.1 72.9 218.6

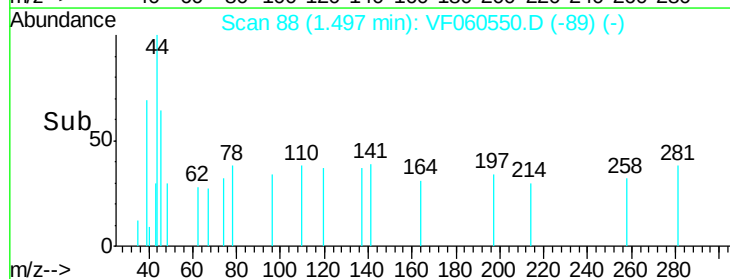


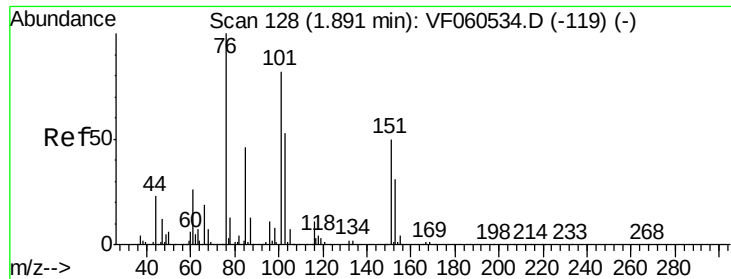
Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.50

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 66.30 ug/l

RT: 1.89 min Scan# 128

Delta R.T. 0.00 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

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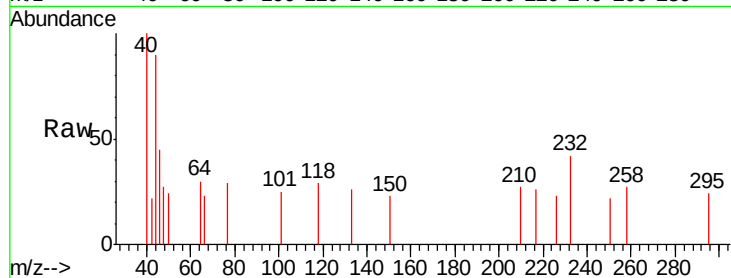
Tgt Ion:101 Resp: 69

Ion Ratio Lower Upper

101 100

85 0.0 44.6 67.0#

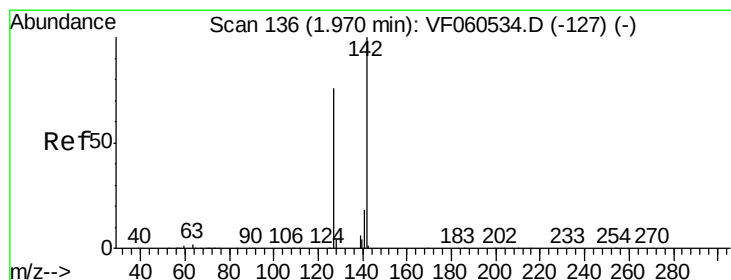
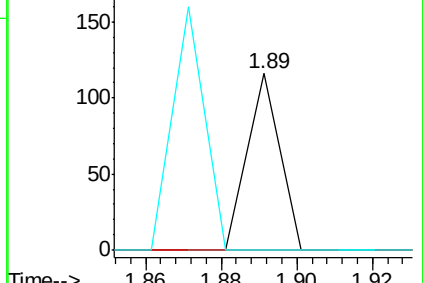
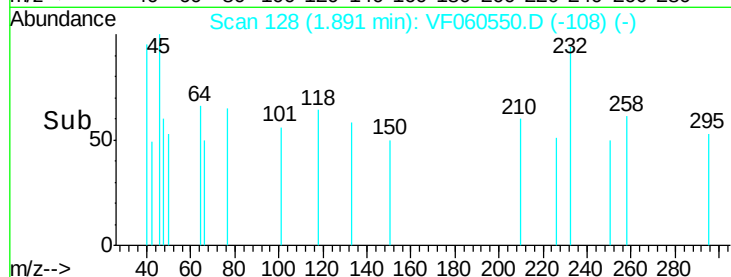
151 0.0 48.4 72.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 76.47 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.09 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

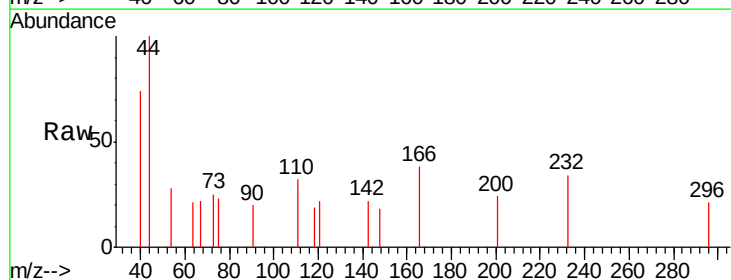
Tgt Ion:142 Resp: 137

Ion Ratio Lower Upper

142 100

127 0.0 61.2 91.8#

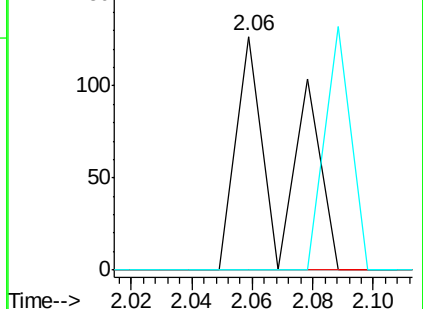
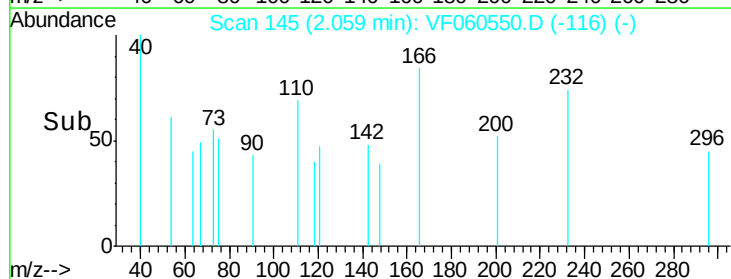
141 0.0 14.0 21.0#

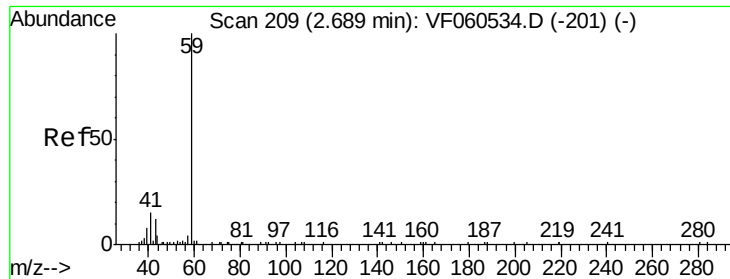


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



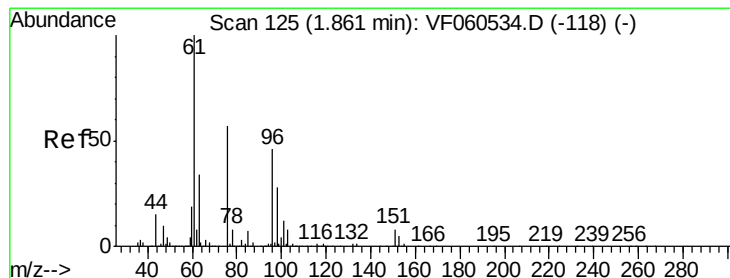
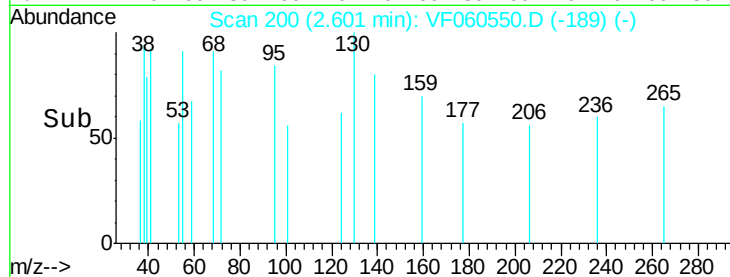
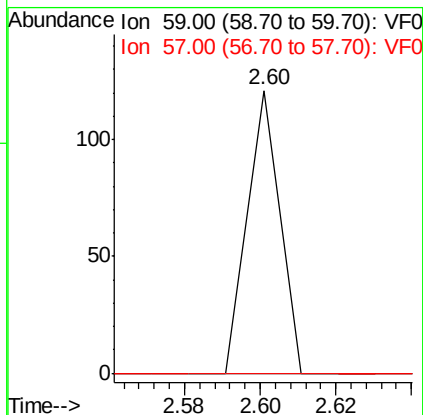
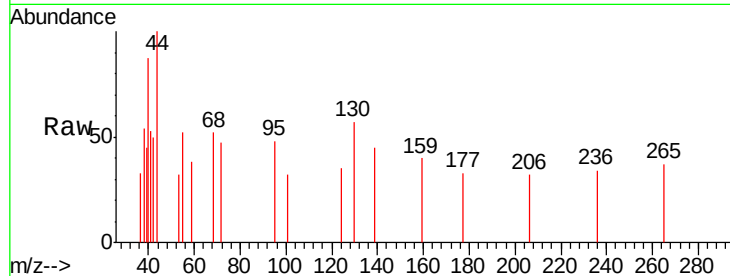


#11

Tert butyl alcohol
Concen: 1044.05 ug/l
RT: 2.60 min Scan# 200
Delta R.T. -0.09 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Instrument :
MSVOA_F
ClientSampled :
SB-3

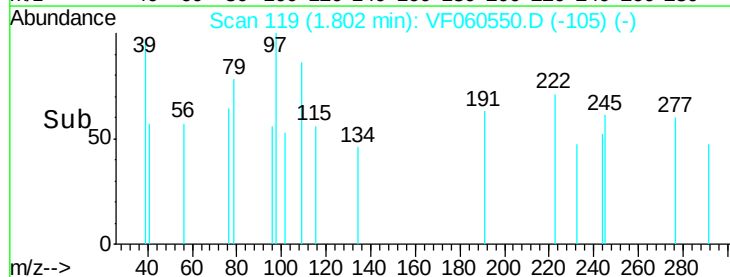
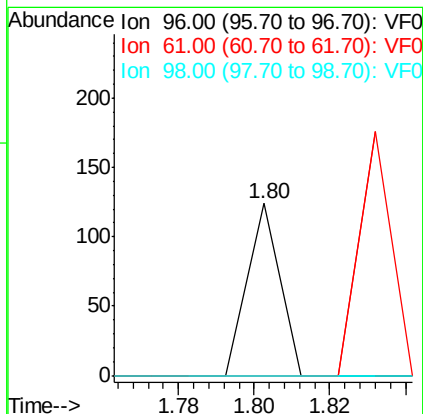
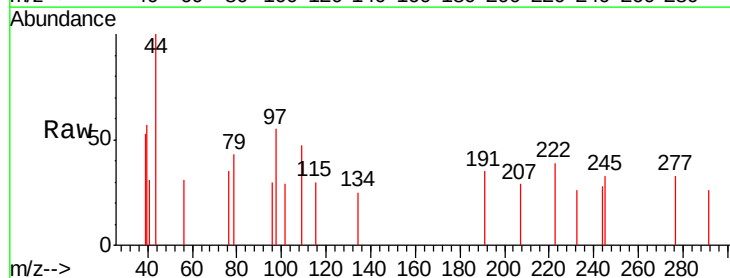
Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

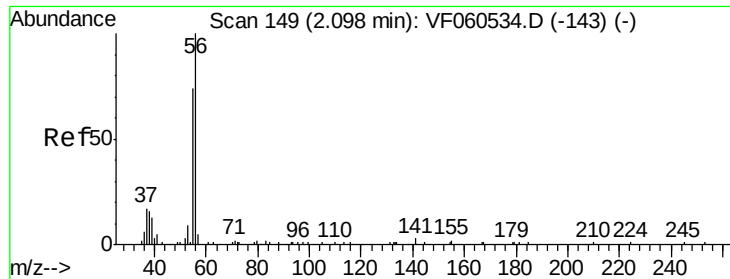


#12

1,1-Dichloroethene
Concen: 79.22 ug/l
RT: 1.80 min Scan# 119
Delta R.T. -0.06 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion: 96 Resp: 73
Ion Ratio Lower Upper
96 100
61 0.0 175.4 263.2#
98 0.0 48.9 73.3#

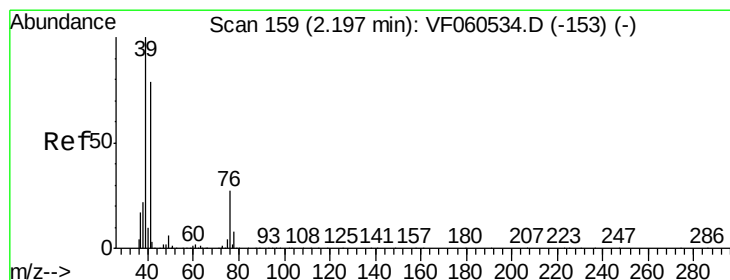
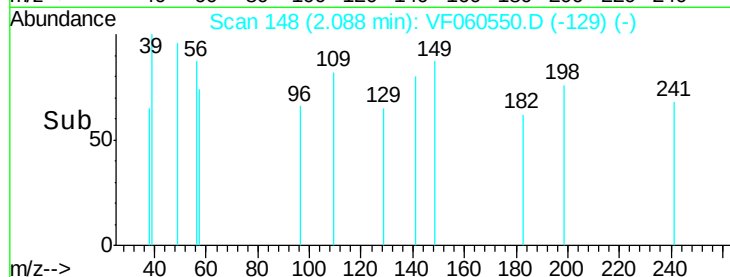
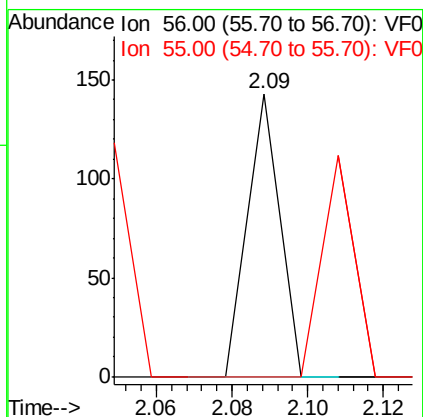
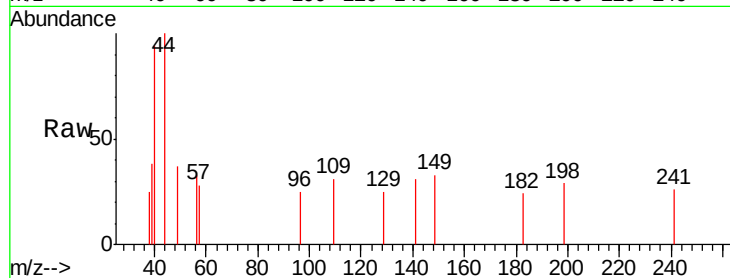




#13
Acrolein
Concen: 1867.84 ug/l
RT: 2.09 min Scan# 148
Delta R.T. -0.01 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

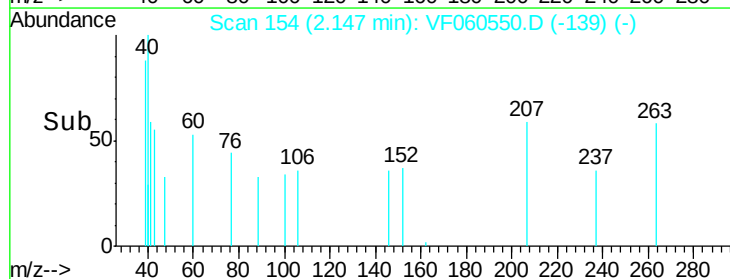
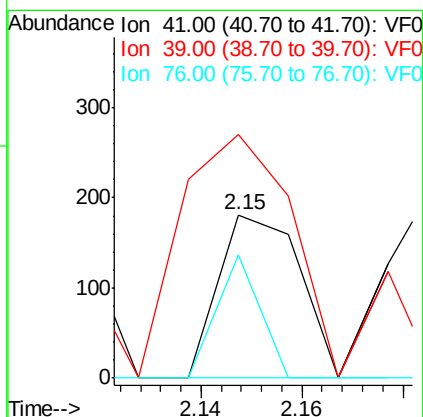
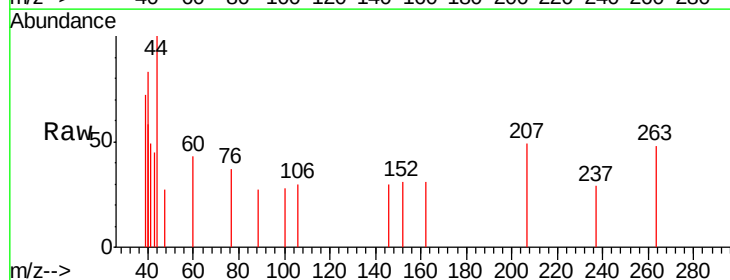
Instrument :
MSVOA_F
ClientSampled :
SB-3

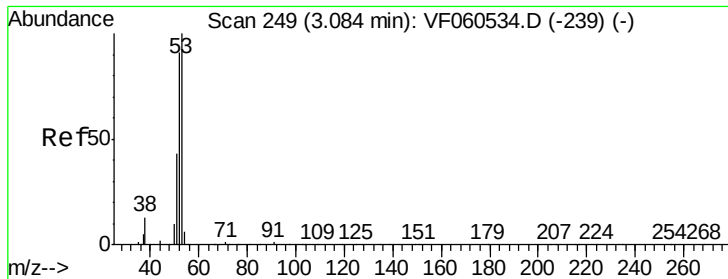
Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 0.0 60.4 90.6#



#14
Allyl chloride
Concen: 137.18 ug/l
RT: 2.15 min Scan# 154
Delta R.T. -0.05 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion: 41 Resp: 201
Ion Ratio Lower Upper
41 100
39 149.2 100.6 151.0
76 75.7 27.6 41.4#





#15

Acrylonitrile

Concen: 695.79 ug/l

RT: 3.02 min Scan# 243

Delta R.T. -0.06 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

SB-3

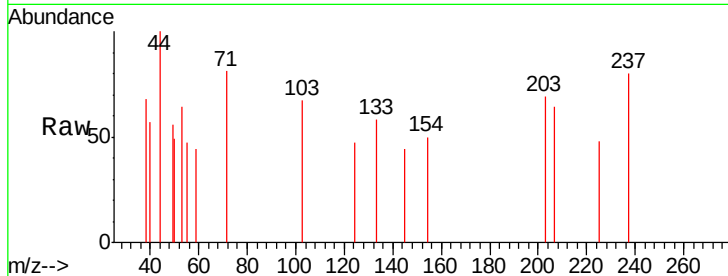
Tgt Ion: 53 Resp: 88

Ion Ratio Lower Upper

53 100

52 0.0 73.2 109.8#

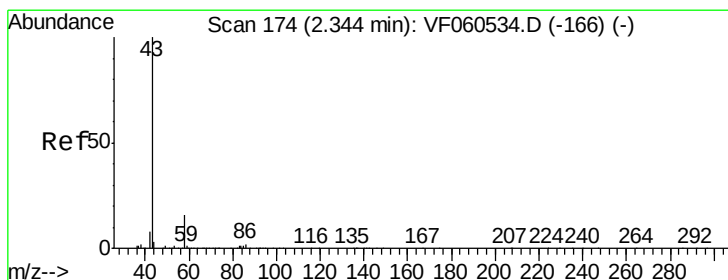
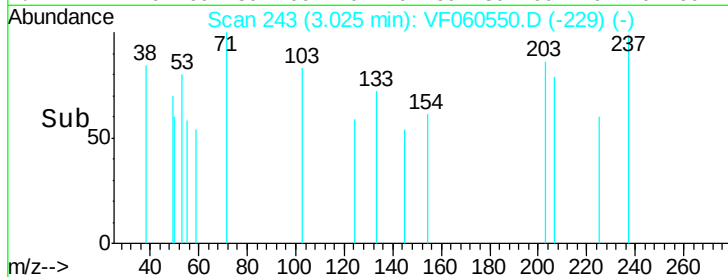
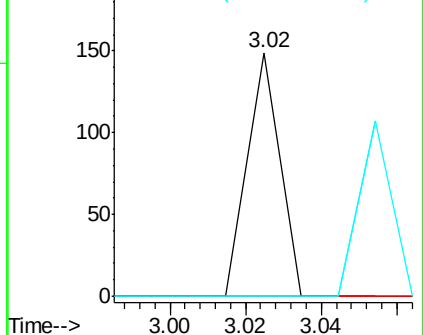
51 0.0 35.0 52.4#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 524.41 ug/l

RT: 2.27 min Scan# 166

Delta R.T. -0.08 min

Lab File: VF060550.D

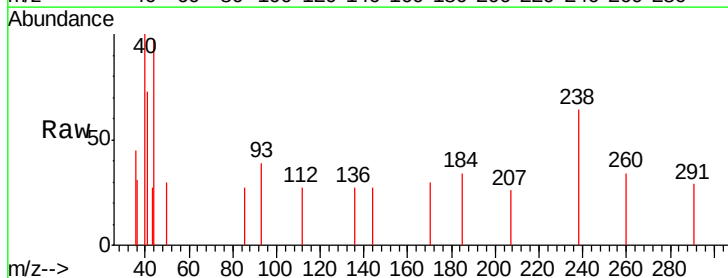
Acq: 30 Oct 2018 17:45

Tgt Ion: 43 Resp: 125

Ion Ratio Lower Upper

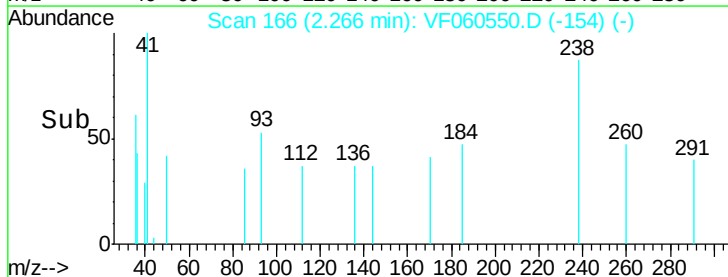
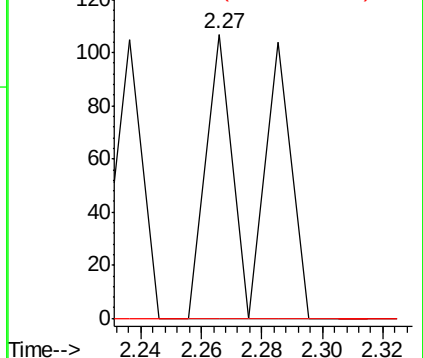
43 100

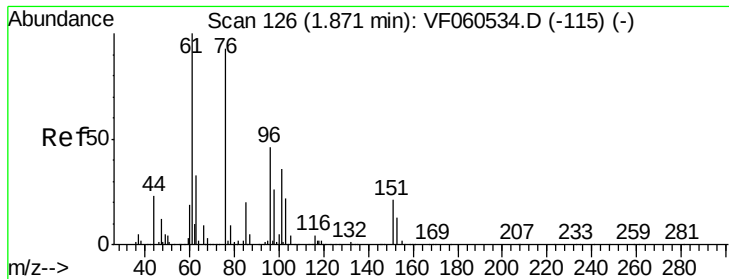
58 0.0 12.8 19.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 32.82 ug/l

RT: 1.80 min Scan# 119

Delta R.T. -0.07 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

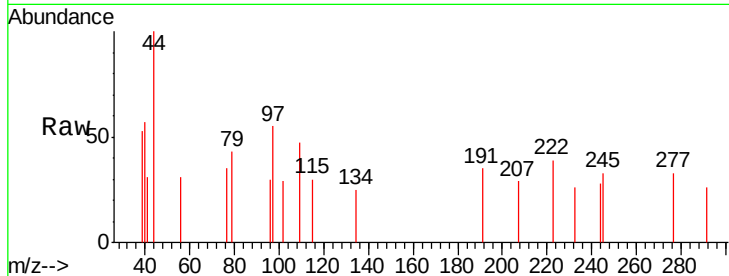
SB-3

Tgt Ion: 76 Resp: 85

Ion Ratio Lower Upper

76 100

78 0.0 8.0 12.0#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

150

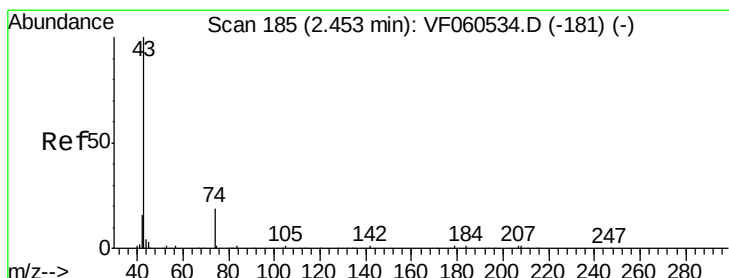
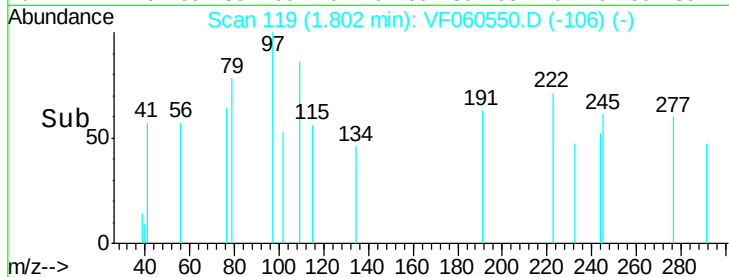
100

50

0

1.78 1.80 1.82

Time-->



#18

Methyl Acetate

Concen: 238.12 ug/l

RT: 2.41 min Scan# 181

Delta R.T. -0.04 min

Lab File: VF060550.D

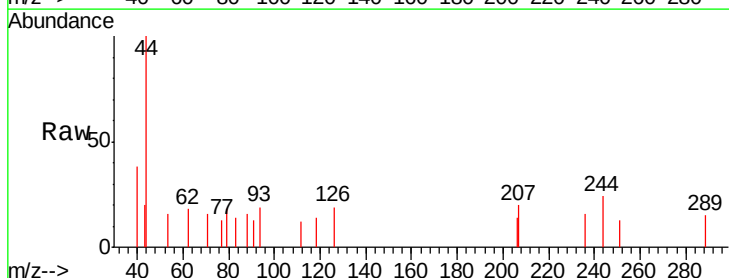
Acq: 30 Oct 2018 17:45

Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

43 100

74 0.0 13.5 20.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

150

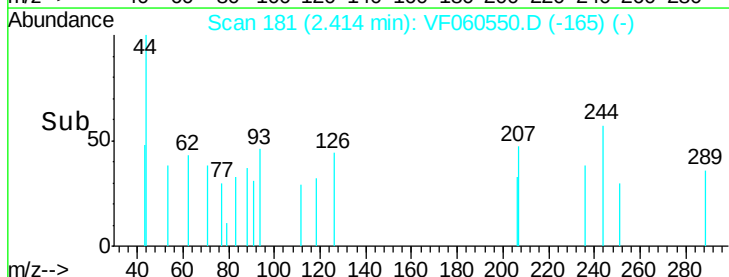
100

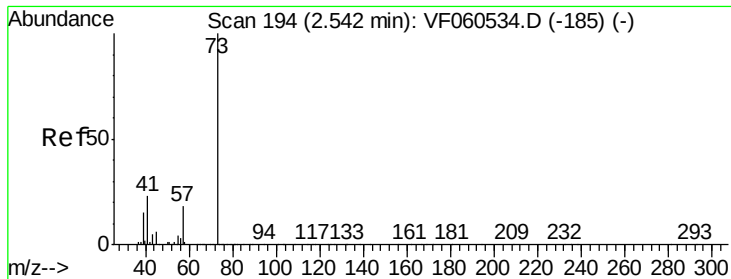
50

0

2.40 2.42 2.44

Time-->



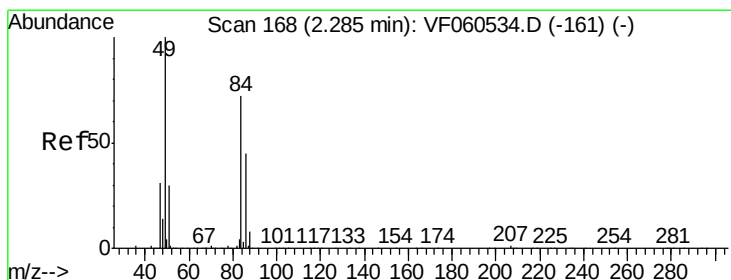
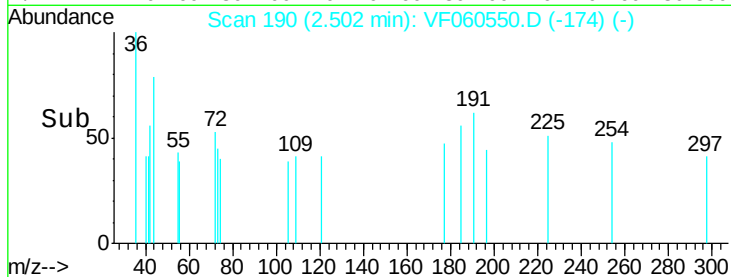
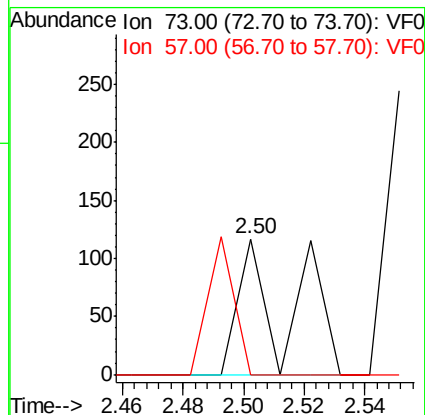
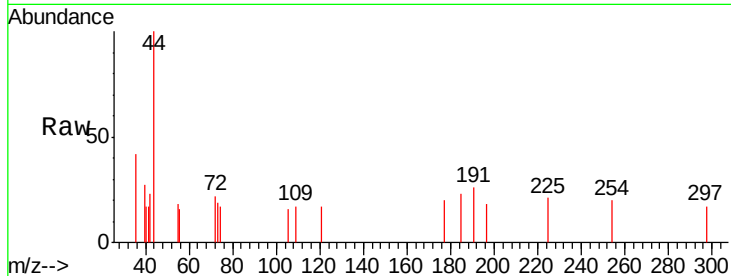


#19

Methyl tert-butyl Ether
Concen: 66.35 ug/l
RT: 2.50 min Scan# 190
Delta R.T. -0.04 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Instrument :
MSVOA_F
ClientSampled :
SB-3

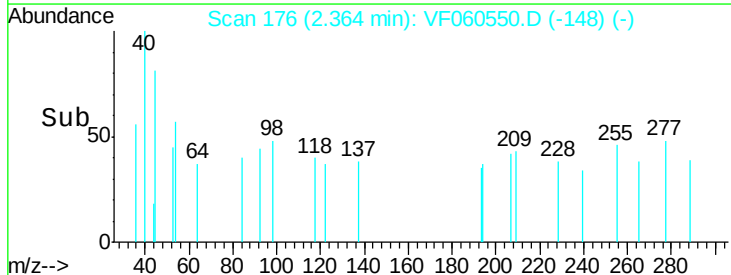
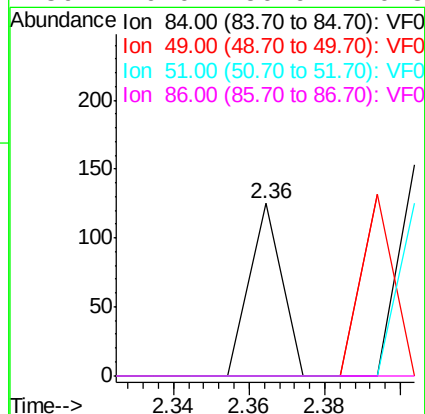
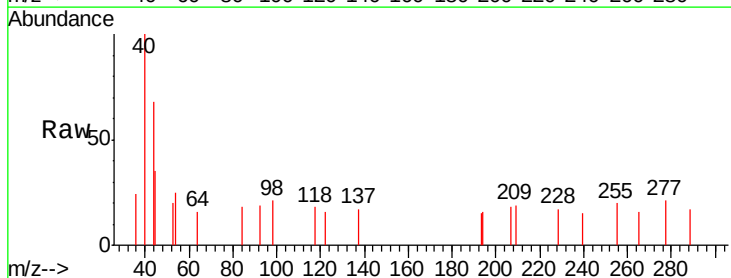
Tgt Ion: 73 Resp: 137
Ion Ratio Lower Upper
73 100
57 0.0 14.7 22.1#

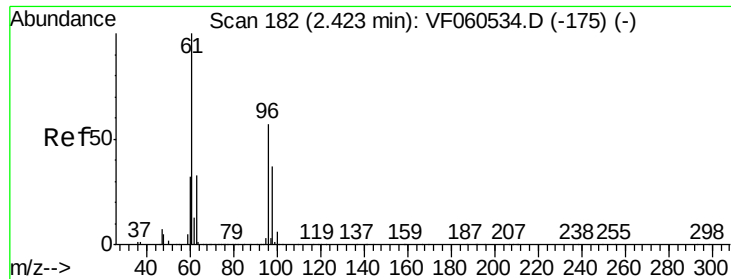


#20

Methylene Chloride
Concen: 89.48 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.08 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion: 84 Resp: 74
Ion Ratio Lower Upper
84 100
49 0.0 115.4 173.0#
51 0.0 35.4 53.2#
86 0.0 50.9 76.3#





#21

trans-1,2-Dichloroethene

Concen: 70.03 ug/l

RT: 2.38 min Scan# 178

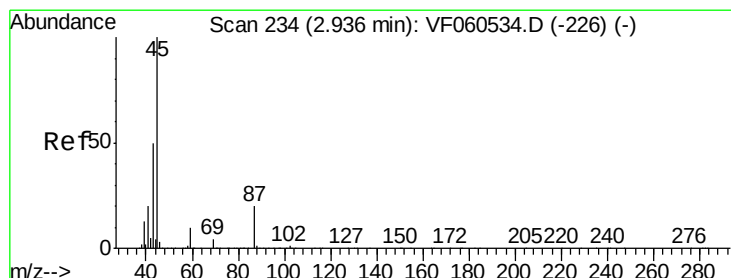
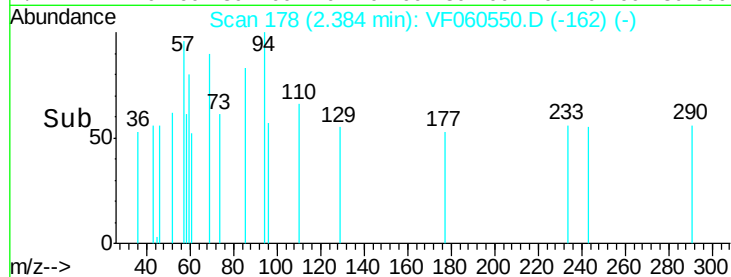
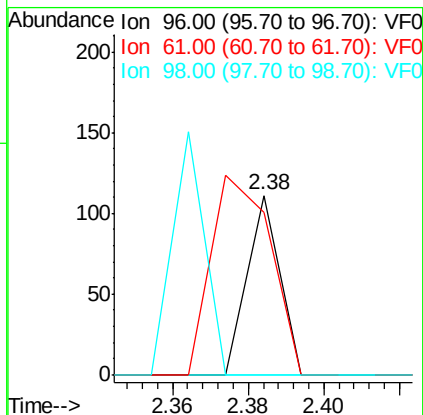
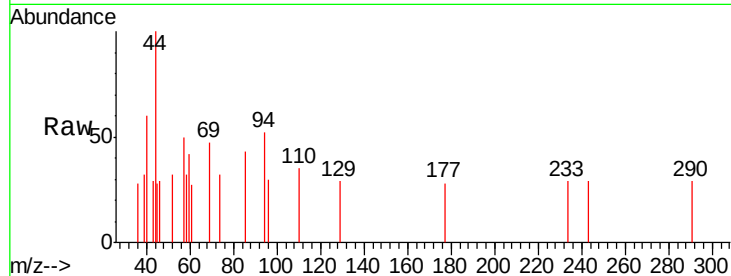
Delta R.T. -0.04 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :
MSVOA_F
ClientSampled :
SB-3

Tgt Ion:	96	Resp:	66
Ion	Ratio	Lower	Upper
96	100		
61	91.0	139.8	209.6#
98	0.0	52.2	78.4#



#22

Diisopropyl ether

Concen: 58.61 ug/l

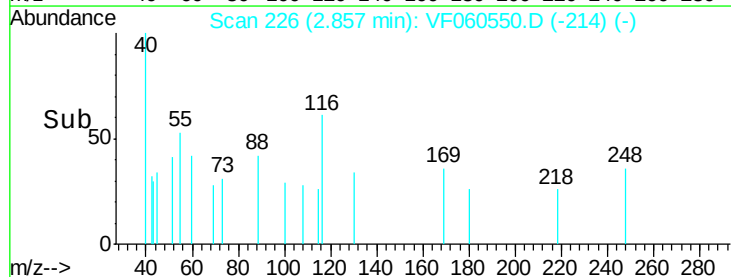
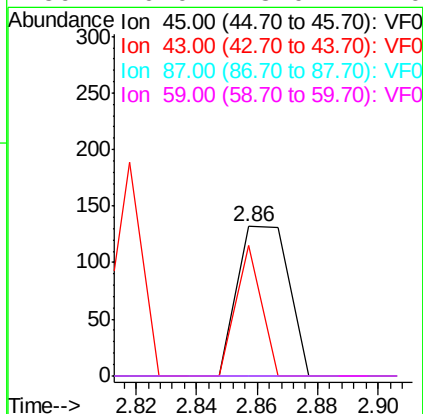
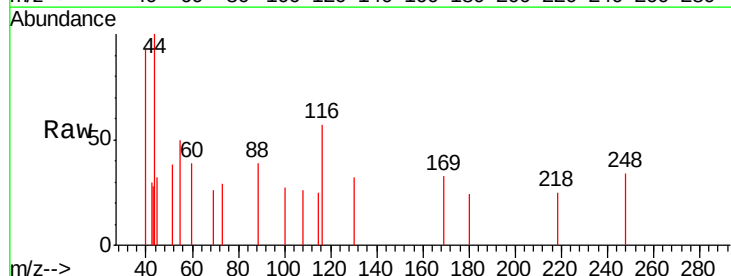
RT: 2.86 min Scan# 226

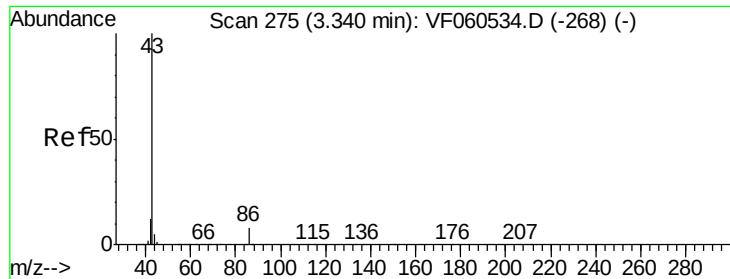
Delta R.T. -0.08 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Tgt Ion:	45	Resp:	156
Ion	Ratio	Lower	Upper
45	100		
43	87.1	40.6	60.8#
87	0.0	15.9	23.9#
59	0.0	8.0	12.0#





#23

Vinyl Acetate

Concen: 175.23 ug/l

RT: 3.23 min Scan# 264

Delta R.T. -0.11 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

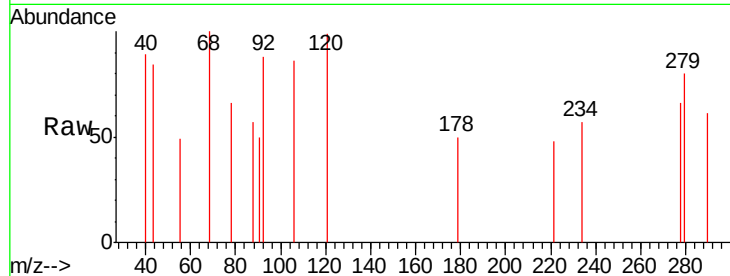
SB-3

Tgt Ion: 43 Resp: 173

Ion Ratio Lower Upper

43 100

86 0.0 6.2 9.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.23

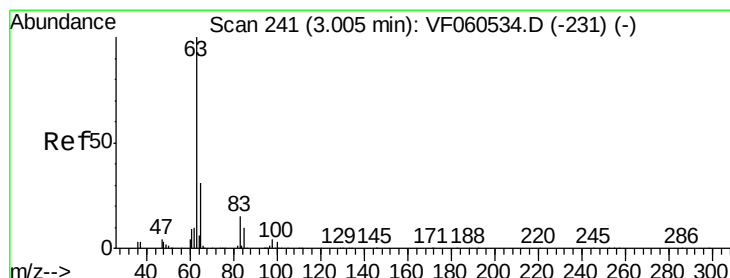
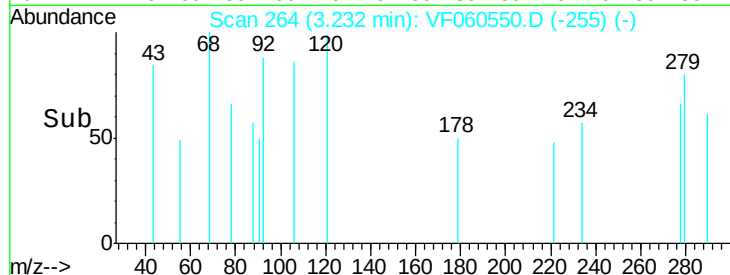
150

100

50

0

Time--> 3.18 3.20 3.22 3.24 3.26



#24

1,1-Dichloroethane

Concen: 34.36 ug/l

RT: 3.01 min Scan# 242

Delta R.T. 0.01 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

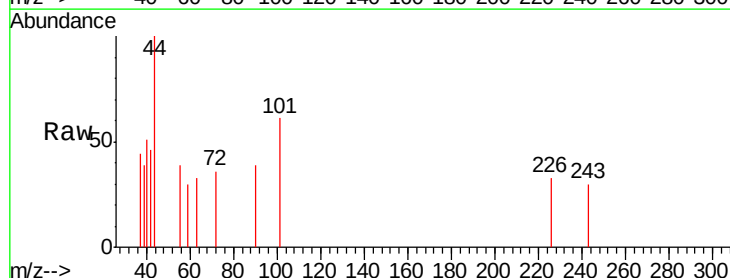
Tgt Ion: 63 Resp: 66

Ion Ratio Lower Upper

63 100

98 0.0 2.0 6.0#

100 0.0 1.4 4.0#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

250

200

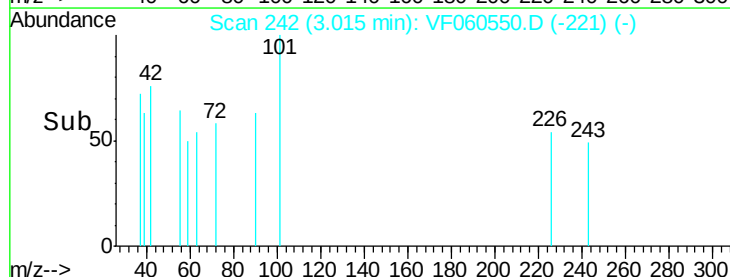
150

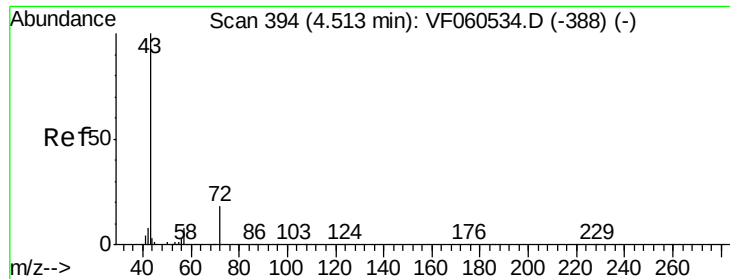
100

50

0

Time--> 2.98 3.00 3.02 3.04





#25

2-Butanone

Concen: 249.97 ug/l

RT: 4.41 min Scan# 384

Delta R.T. -0.10 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampled :

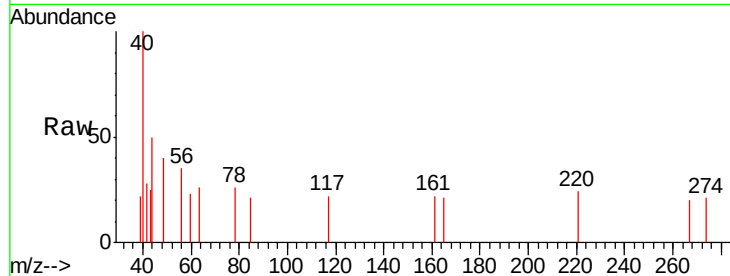
SB-3

Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

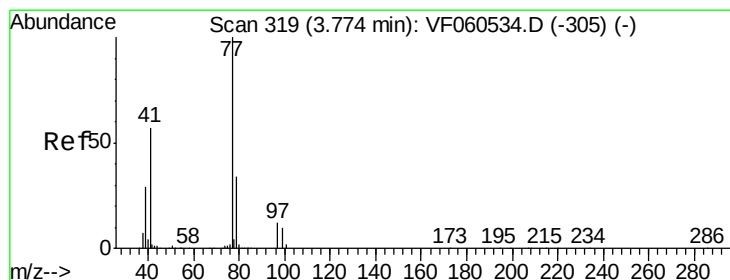
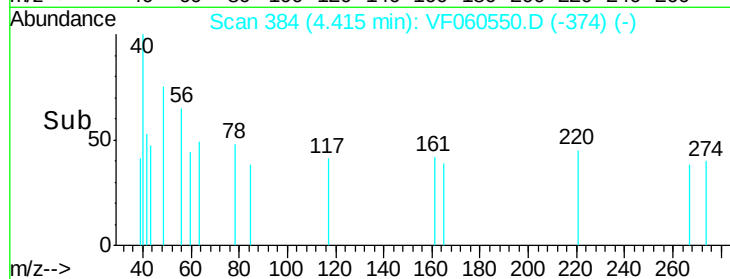
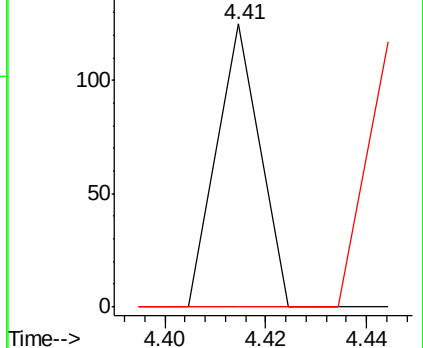
43 100

72 0.0 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 78.76 ug/l

RT: 3.65 min Scan# 306

Delta R.T. -0.13 min

Lab File: VF060550.D

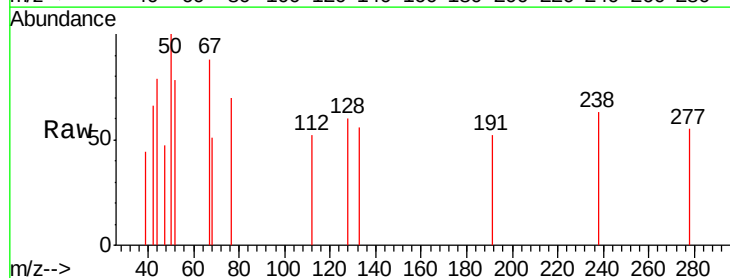
Acq: 30 Oct 2018 17:45

Tgt Ion: 77 Resp: 94

Ion Ratio Lower Upper

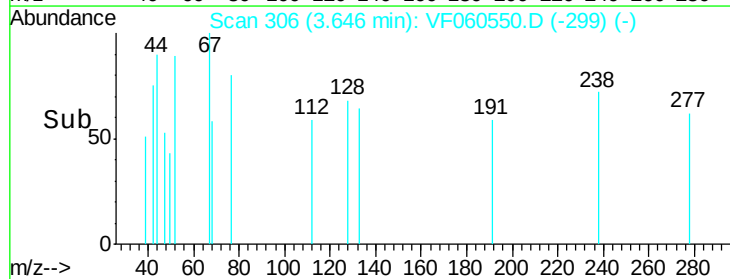
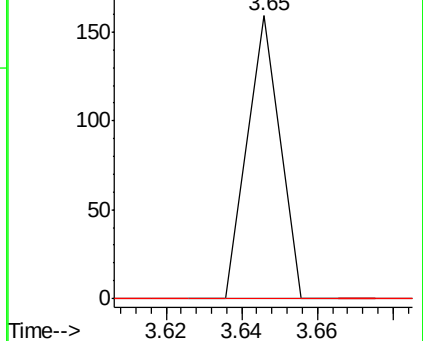
77 100

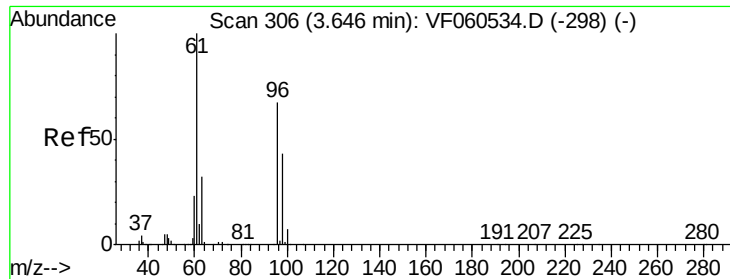
97 0.0 8.5 25.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



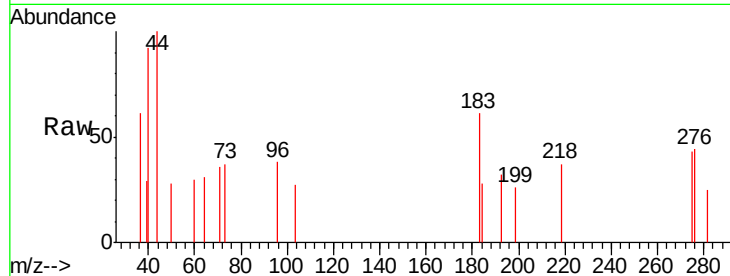


#27

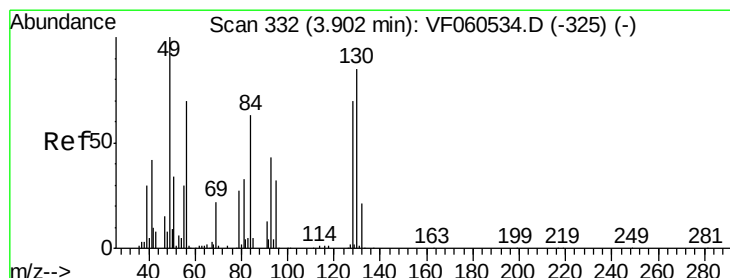
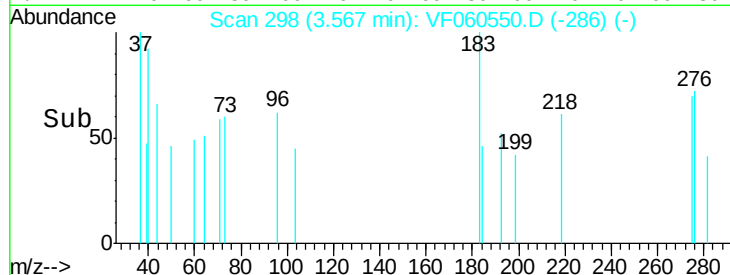
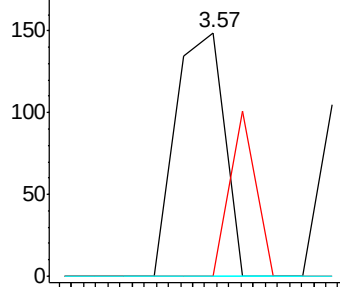
cis-1,2-Dichloroethene
 Concen: 147.83 ug/l
 RT: 3.57 min Scan# 298
 Delta R.T. -0.08 min
 Lab File: VF060550.D
 Acq: 30 Oct 2018 17:45

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3

Tgt Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	300.8
98	0.0	0.0	128.4



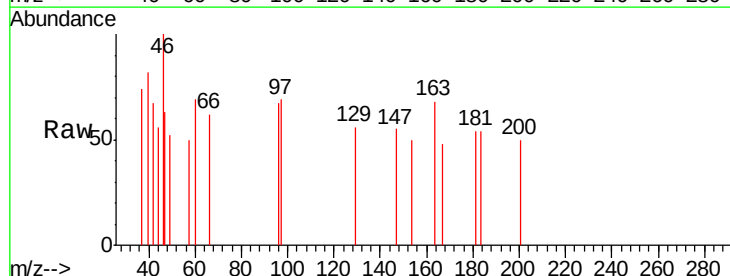
Abundance Ion 96.00 (95.70 to 96.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



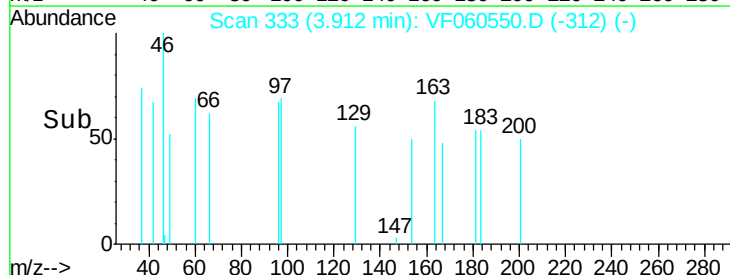
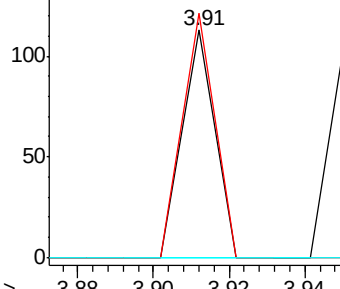
#28

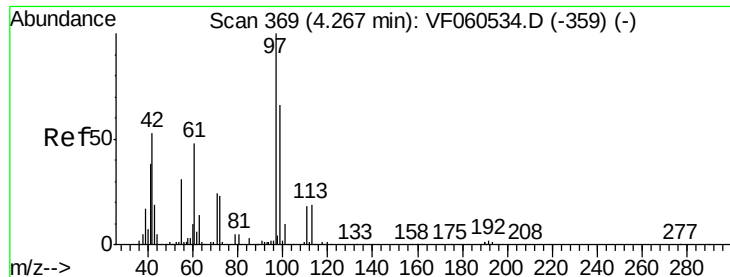
Bromochloromethane
 Concen: 96.85 ug/l
 RT: 3.91 min Scan# 333
 Delta R.T. 0.01 min
 Lab File: VF060550.D
 Acq: 30 Oct 2018 17:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	107.1	0.0	4.8#
130	0.0	67.5	101.3#



Abundance Ion 49.00 (48.70 to 49.70): VF0
 Ion 129.00 (128.70 to 129.70): V
 Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 786.45 ug/l

RT: 4.17 min Scan# 359

Delta R.T. -0.10 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

SB-3

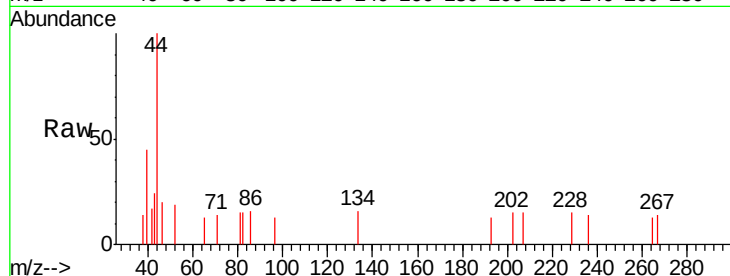
Tgt Ion: 42 Resp: 80

Ion Ratio Lower Upper

42 100

72 0.0 32.5 48.7#

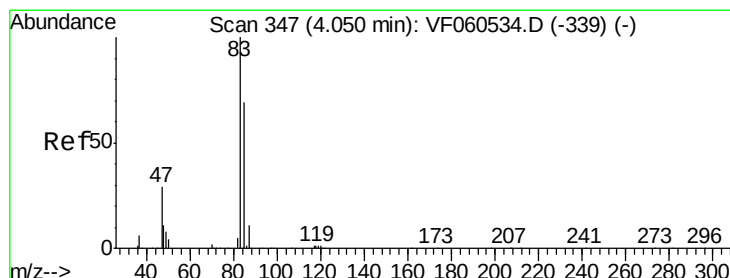
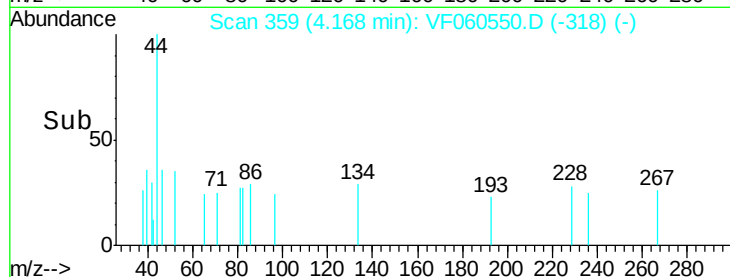
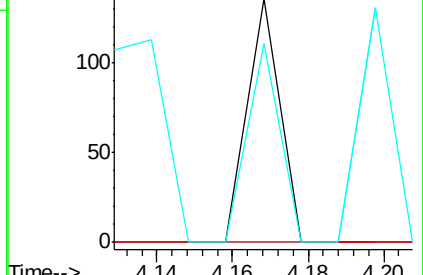
71 82.5 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 25.15 ug/l

RT: 3.95 min Scan# 337

Delta R.T. -0.10 min

Lab File: VF060550.D

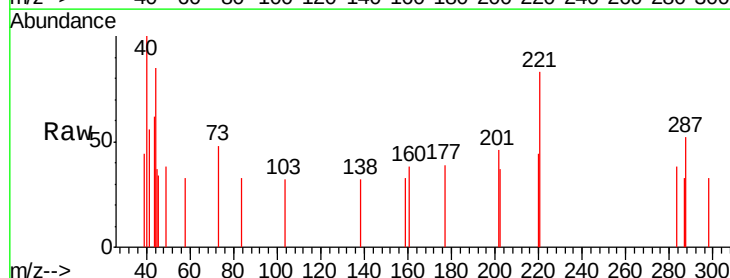
Acq: 30 Oct 2018 17:45

Tgt Ion: 83 Resp: 61

Ion Ratio Lower Upper

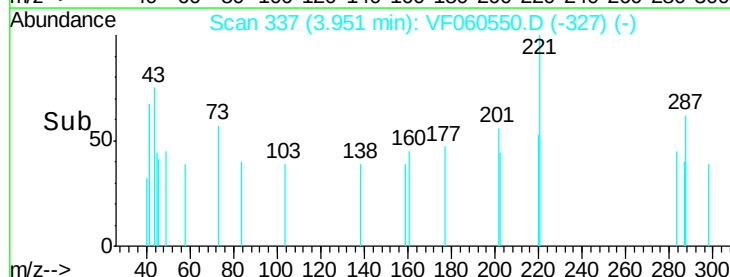
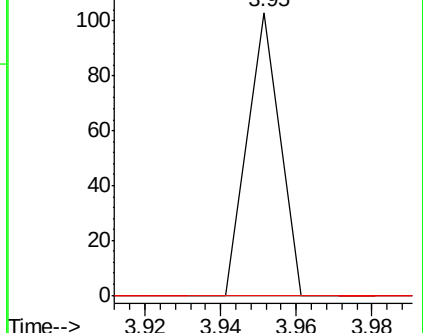
83 100

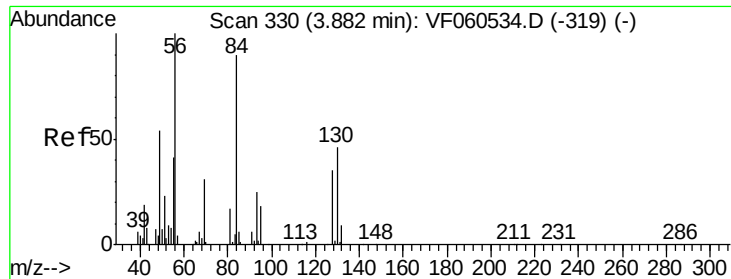
85 0.0 55.0 82.4#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

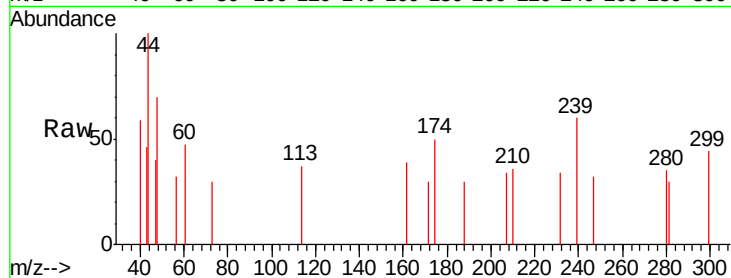




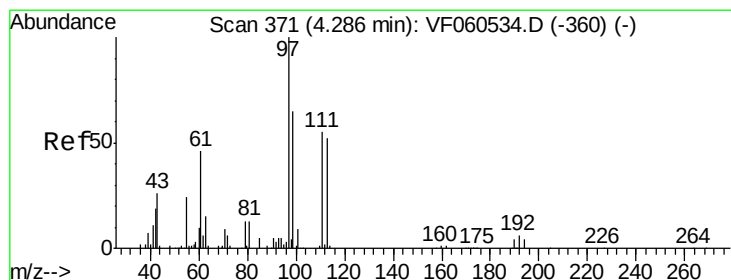
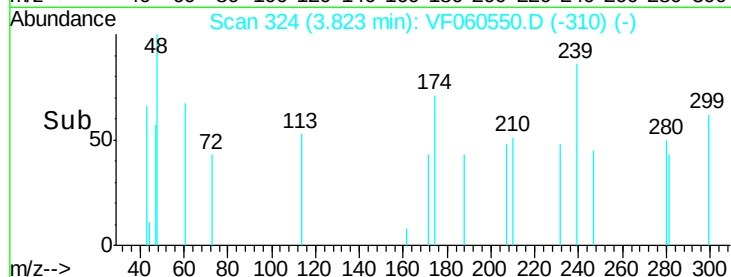
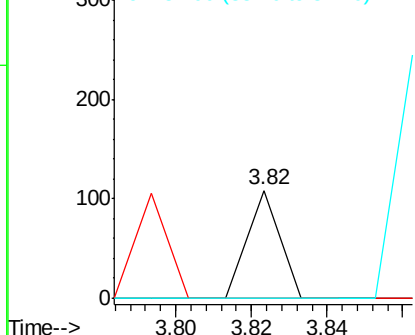
#31
Cyclohexane
Concen: 46.67 ug/l
RT: 3.82 min Scan# 324
Delta R.T. -0.06 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Instrument :
MSVOA_F
ClientSampled :
SB-3

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
69 0.0 25.0 37.6#
84 0.0 72.1 108.1#

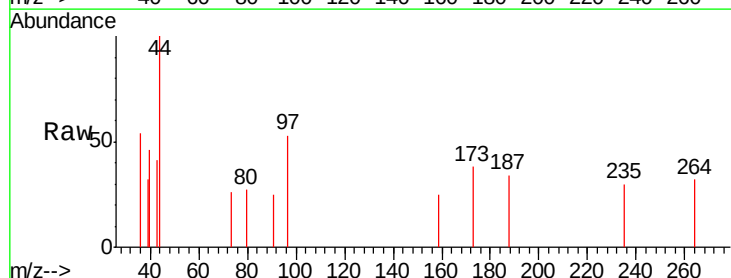


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

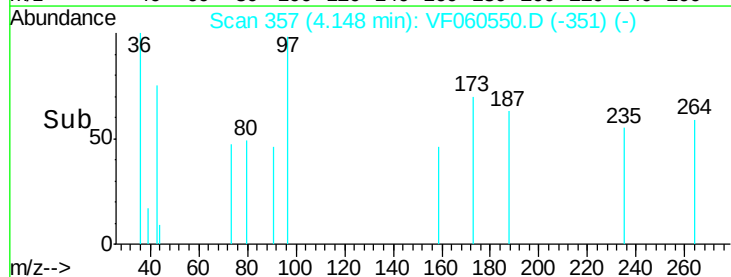
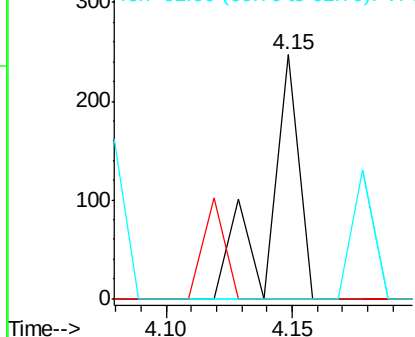


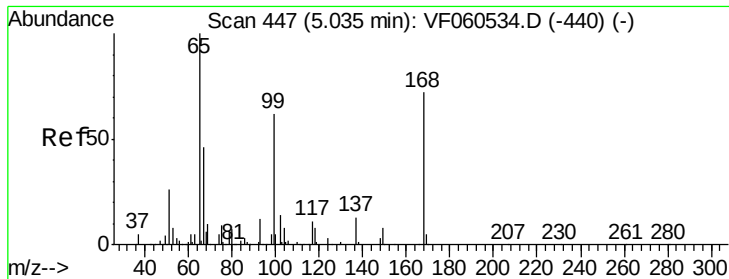
#32
1,1,1-Trichloroethane
Concen: 102.73 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.14 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion: 97 Resp: 206
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 0.0 36.8 55.2#



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0

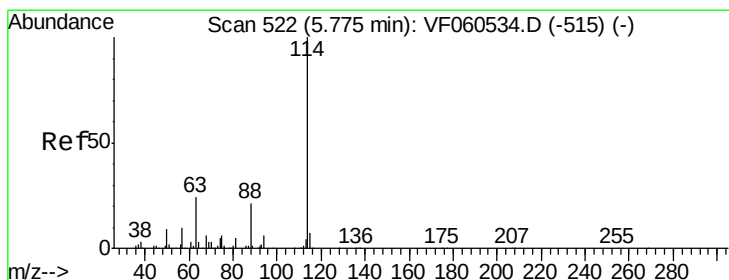
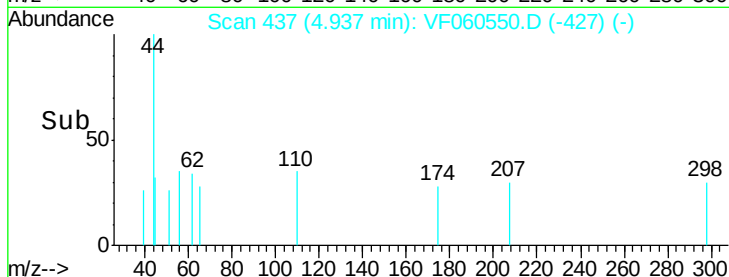
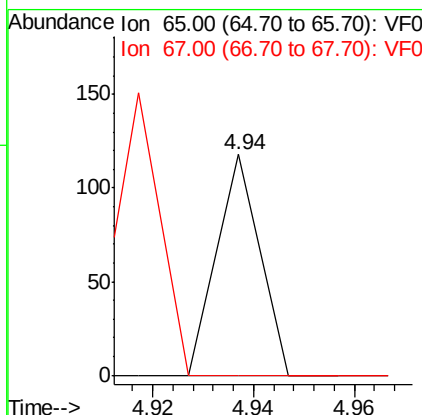
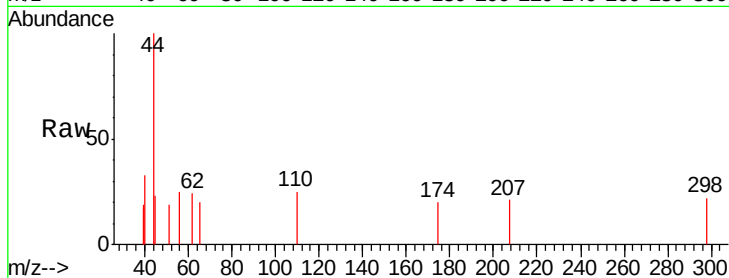




#33
 1,2-Dichloroethane-d4
 Concen: 55.34 ug/l
 RT: 4.94 min Scan# 437
 Delta R.T. -0.10 min
 Lab File: VF060550.D
 Acq: 30 Oct 2018 17:45

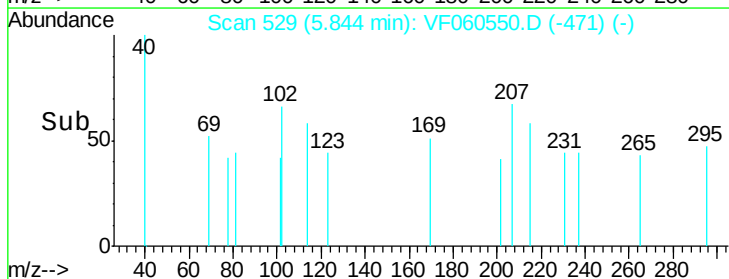
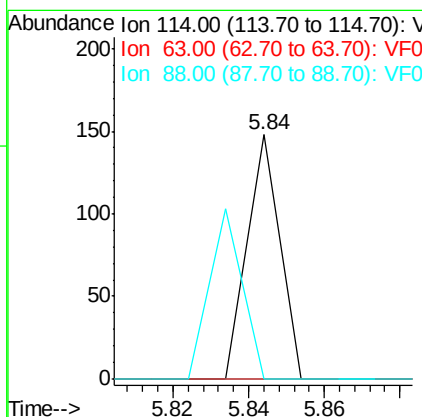
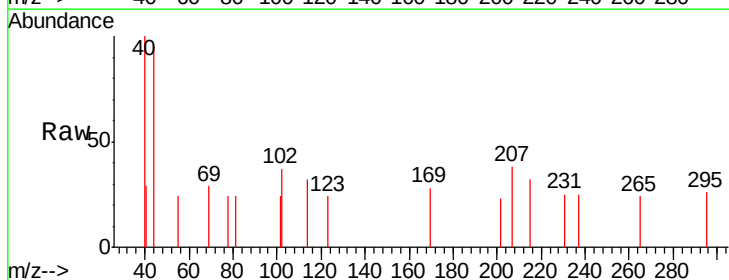
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3

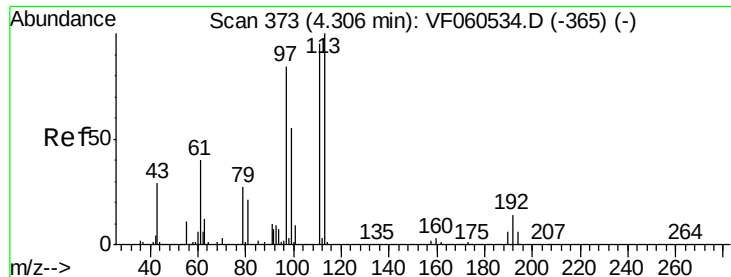
Tgt Ion: 65 Resp: 70
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.84 min Scan# 529
 Delta R.T. 0.07 min
 Lab File: VF060550.D
 Acq: 30 Oct 2018 17:45

Tgt Ion: 114 Resp: 88
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 48.0
 88 0.0 0.0 42.0





#35

Dibromofluoromethane

Concen: 93.55 ug/l

RT: 4.23 min Scan# 365

Delta R.T. -0.08 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampled :

SB-3

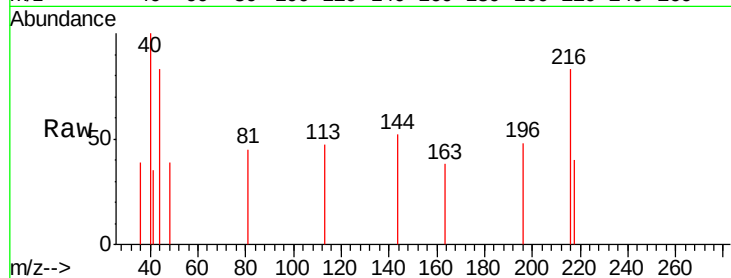
Tgt Ion: 113 Resp: 79

Ion Ratio Lower Upper

113 100

111 0.0 75.9 113.9#

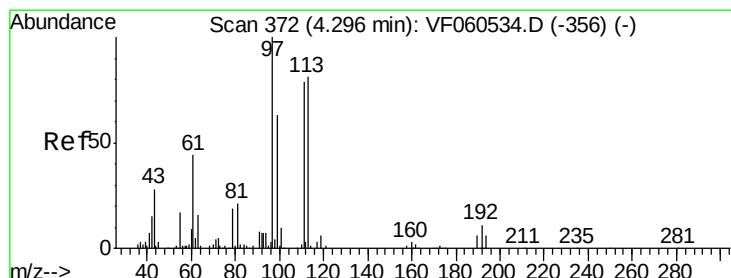
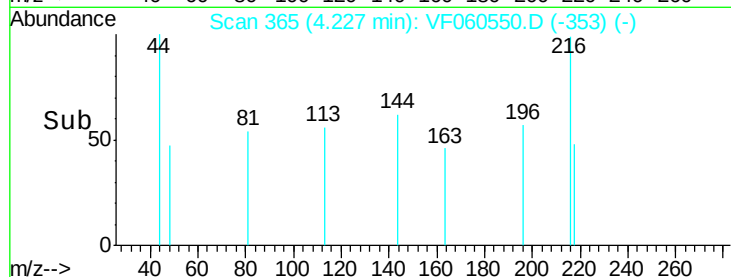
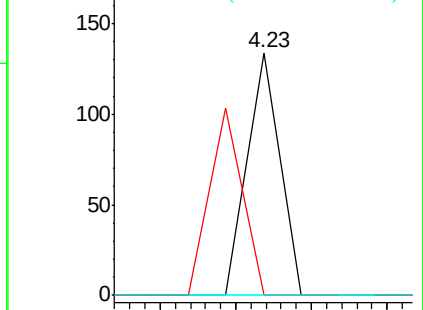
192 0.0 11.2 16.8#



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: 369.06 ug/l

RT: 4.38 min Scan# 380

Delta R.T. 0.08 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

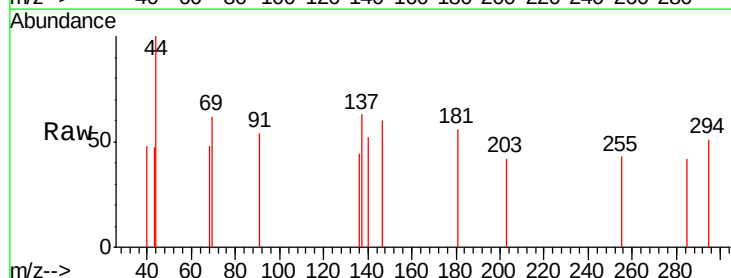
Tgt Ion: 43 Resp: 131

Ion Ratio Lower Upper

43 100

61 0.0 123.9 185.9#

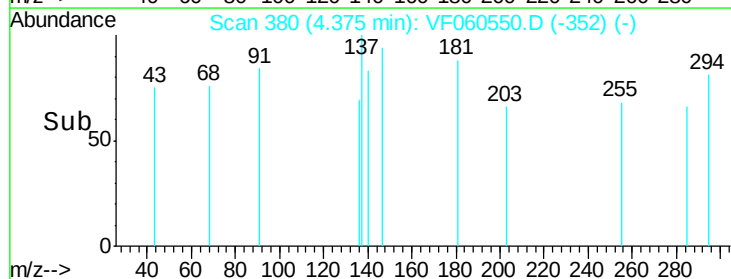
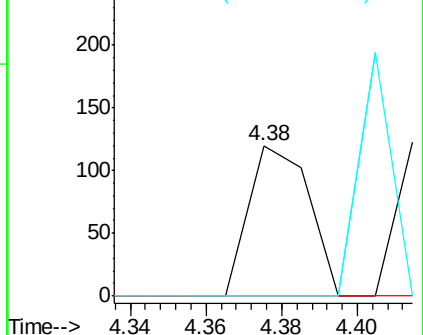
70 0.0 7.3 10.9#

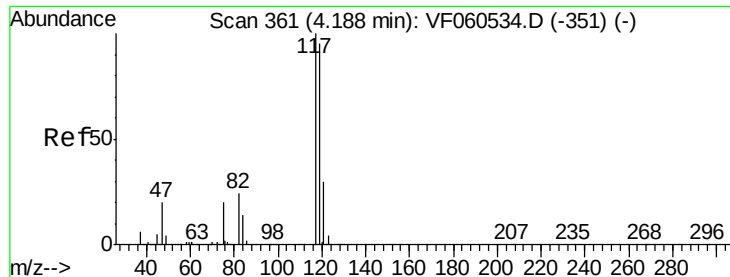


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0





#38

Carbon Tetrachloride

Concen: 113.50 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.11 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

SB-3

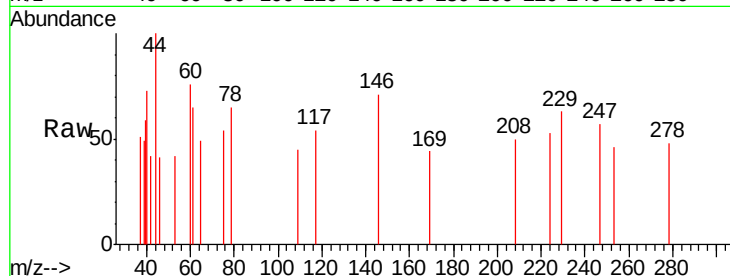
Tgt Ion: 117 Resp: 149

Ion Ratio Lower Upper

117 100

119 0.0 76.5 114.7#

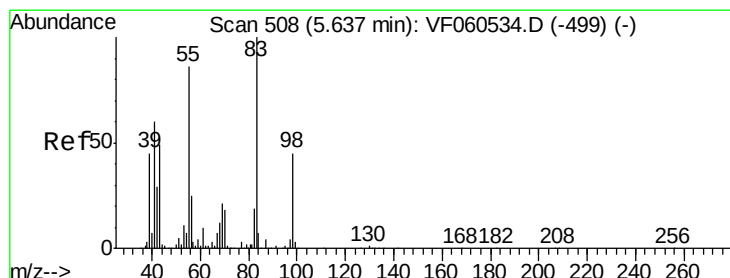
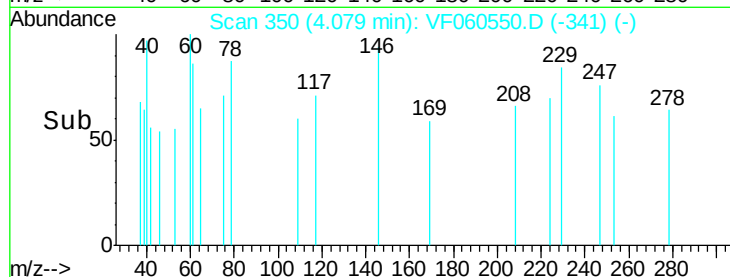
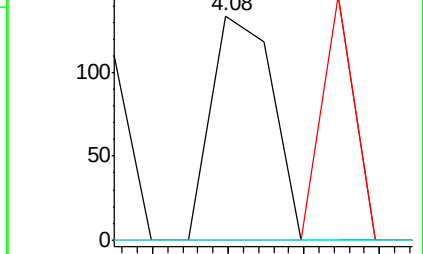
121 0.0 24.3 36.5#



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: 76.77 ug/l

RT: 5.72 min Scan# 516

Delta R.T. 0.08 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

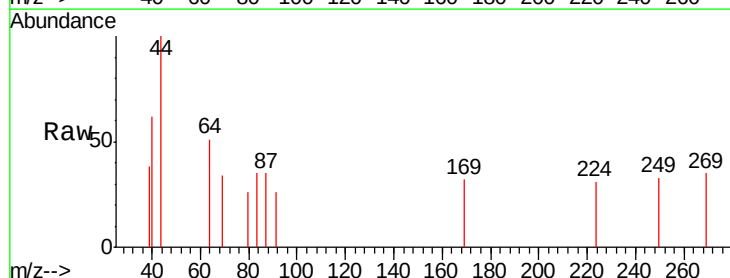
Tgt Ion: 83 Resp: 85

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

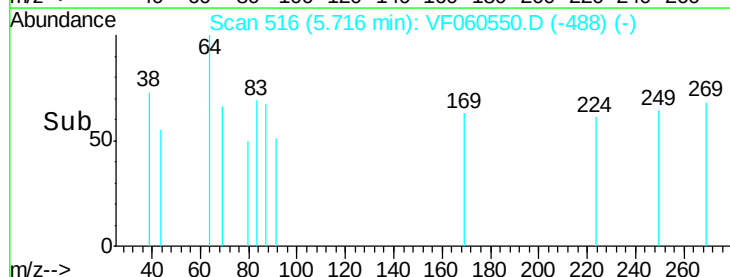
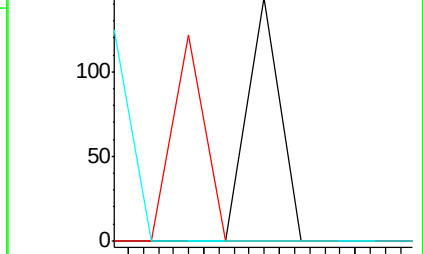
98 0.0 36.1 54.1#

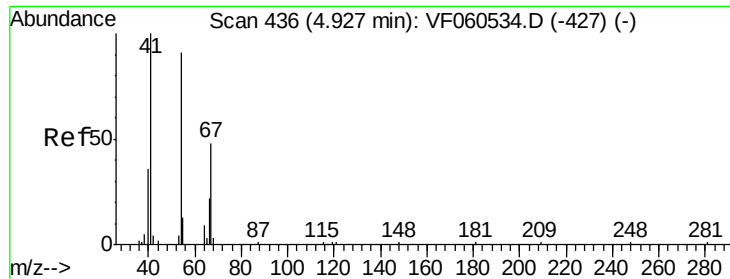


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

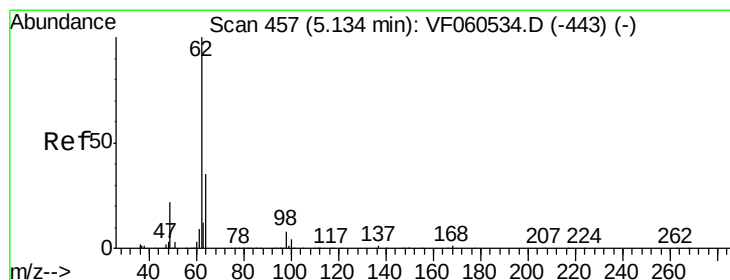
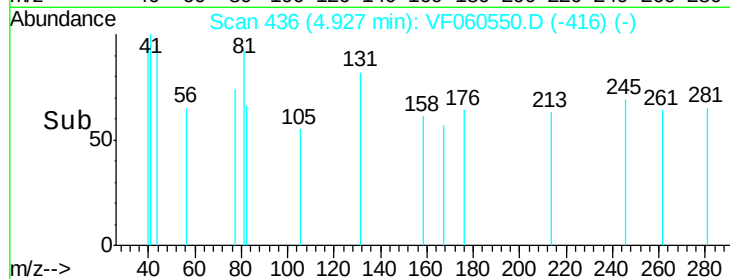
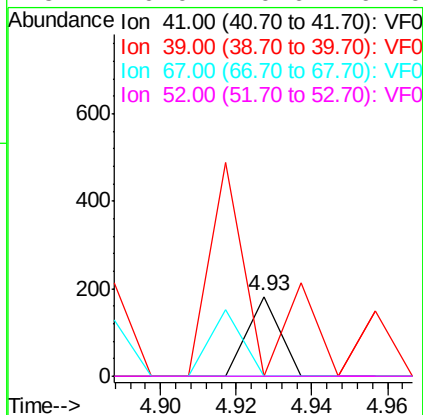
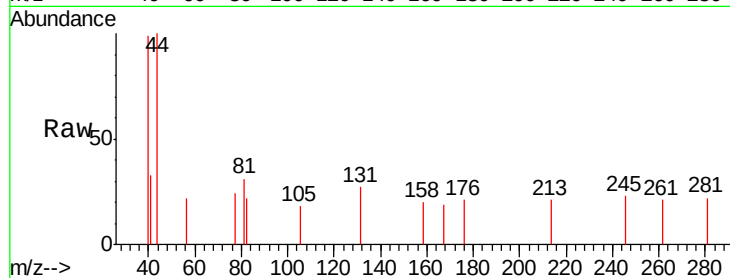




#41
Methacrylonitrile
Concen: 532.28 ug/l
RT: 4.93 min Scan# 436
Delta R.T. 0.00 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

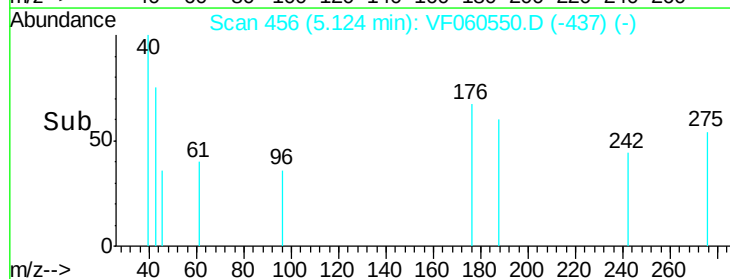
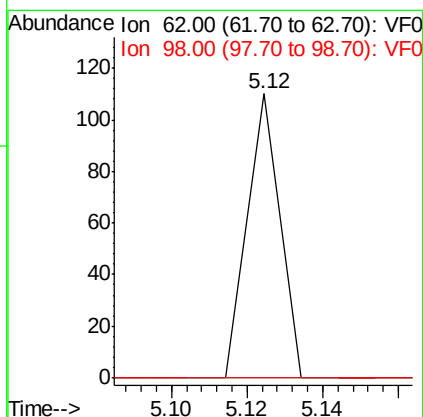
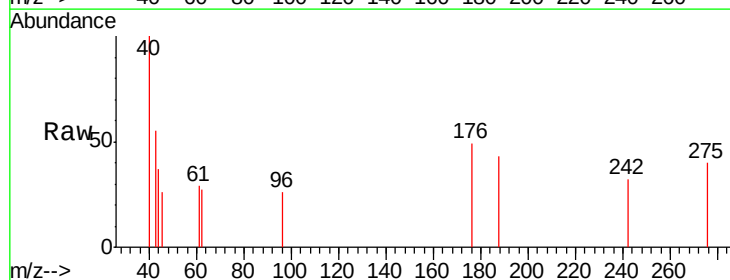
Instrument :
MSVOA_F
ClientSampled :
SB-3

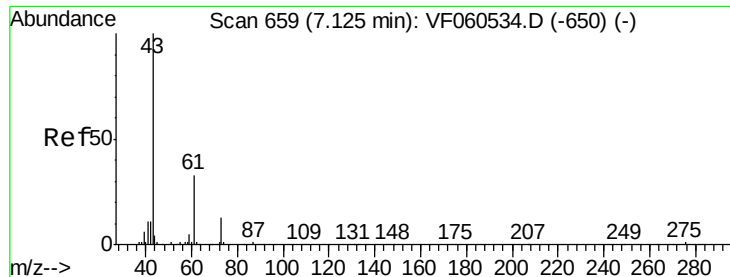
Tgt Ion:	41	Resp:	108
Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.0	76.6#
67	0.0	38.0	57.0#
52	0.0	40.6	61.0#



#42
1,2-Dichloroethane
Concen: 64.37 ug/l
RT: 5.12 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion:	62	Resp:	65
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 169.91 ug/l

RT: 7.21 min Scan# 668

Delta R.T. 0.09 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampled :

SB-3

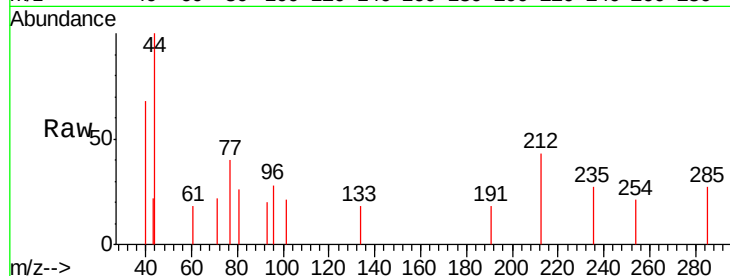
Tgt Ion: 43 Resp: 73

Ion Ratio Lower Upper

43 100

61 0.0 26.6 40.0#

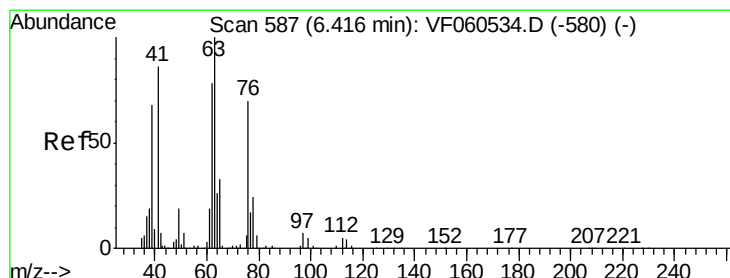
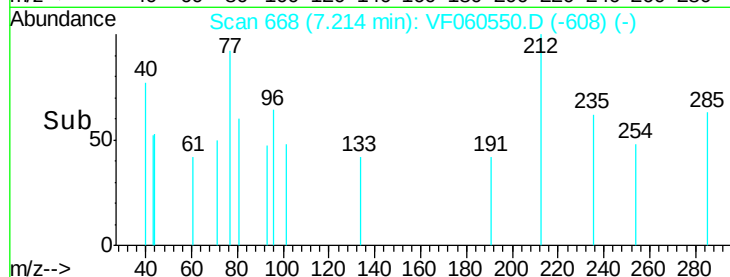
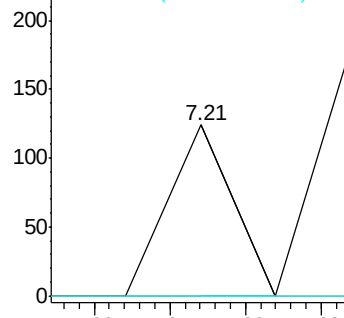
87 0.0 0.6 1.0#



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



#45

1,2-Dichloropropane

Concen: 112.41 ug/l

RT: 6.56 min Scan# 602

Delta R.T. 0.15 min

Lab File: VF060550.D

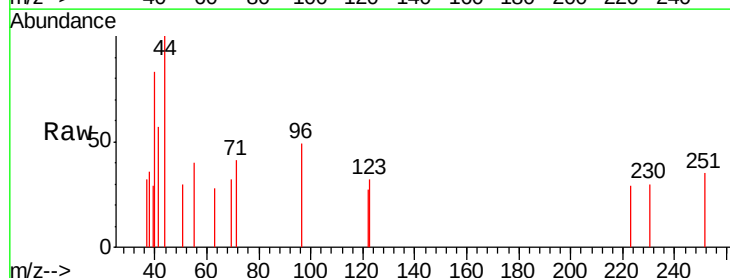
Acq: 30 Oct 2018 17:45

Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

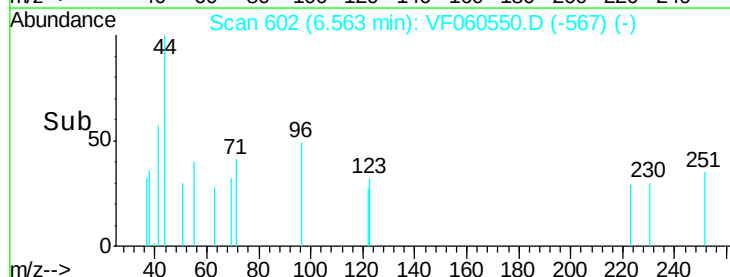
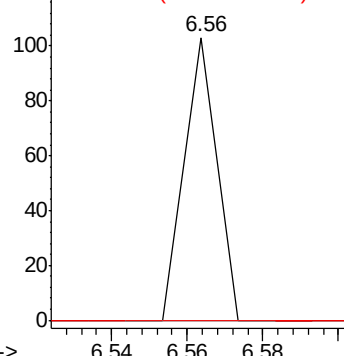
63 100

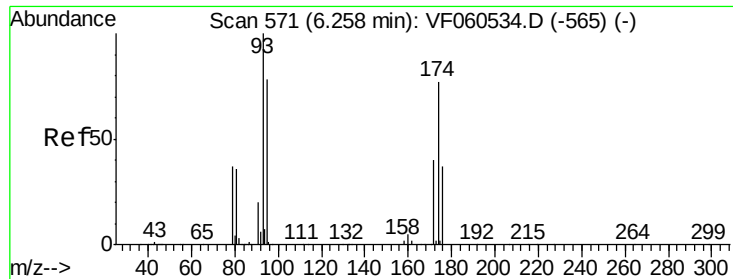
65 0.0 26.5 39.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

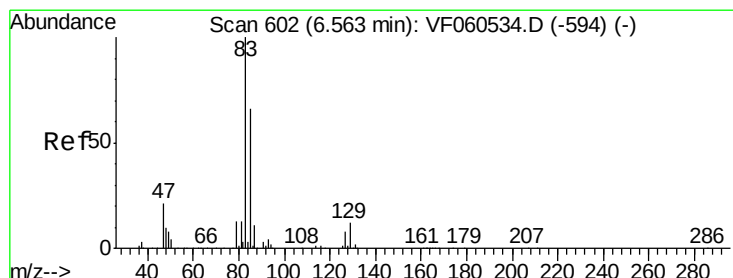
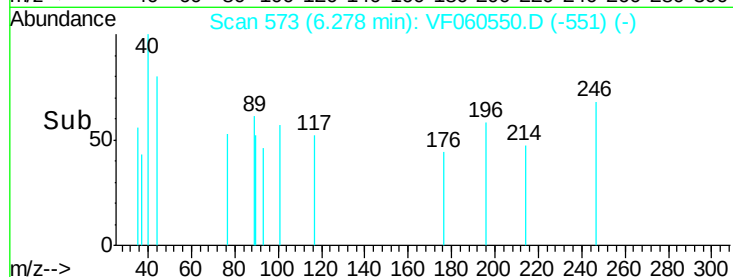
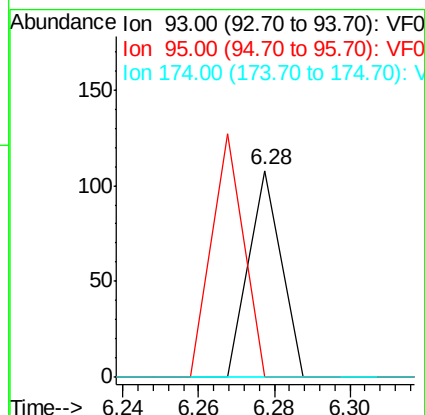
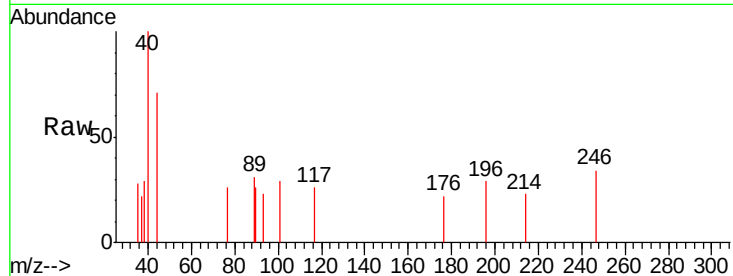




#46
Dibromomethane
Concen: 150.18 ug/l
RT: 6.28 min Scan# 573
Delta R.T. 0.02 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

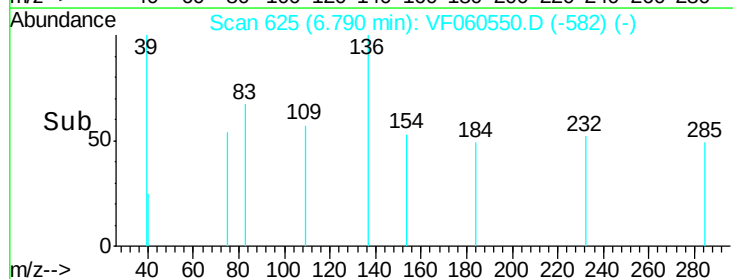
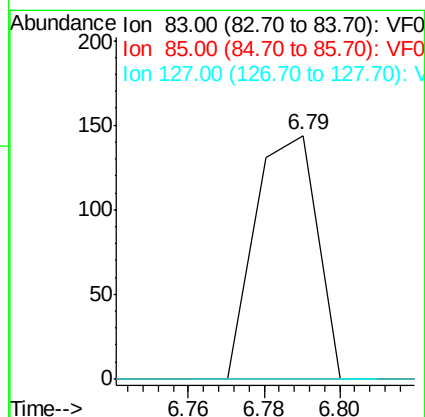
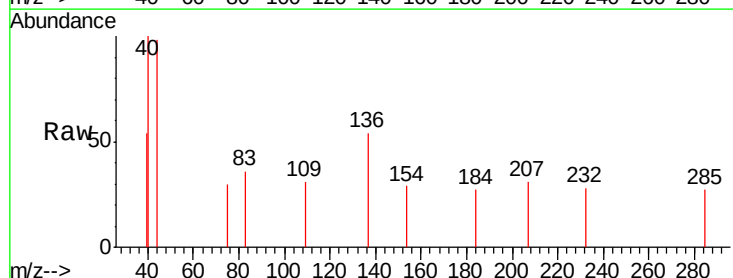
Instrument :
MSVOA_F
ClientSampled :
SB-3

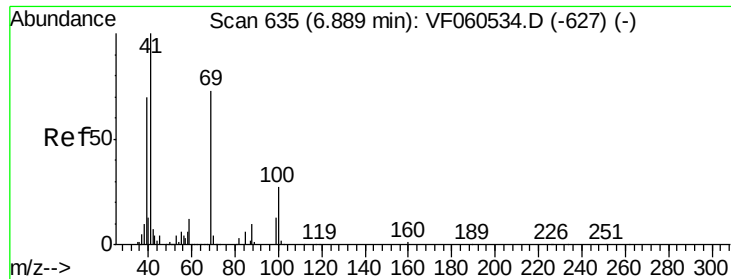
Tgt Ion: 93 Resp: 64
Ion Ratio Lower Upper
93 100
95 0.0 64.3 96.5#
174 0.0 63.3 94.9#



#47
Bromodichloromethane
Concen: 149.07 ug/l
RT: 6.79 min Scan# 625
Delta R.T. 0.23 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion: 83 Resp: 163
Ion Ratio Lower Upper
83 100
85 0.0 52.7 79.1#
127 0.0 6.4 9.6#

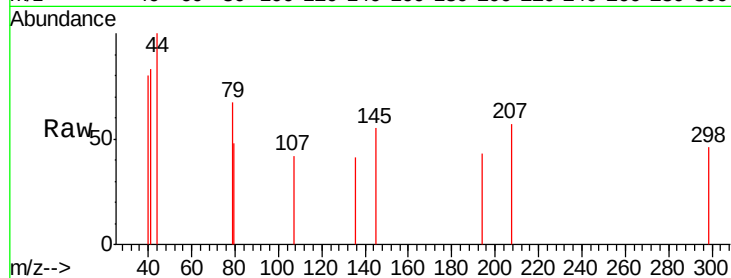




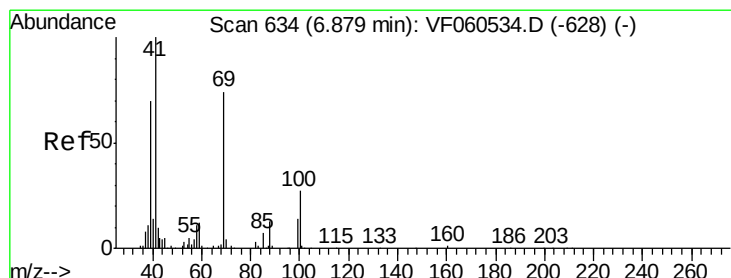
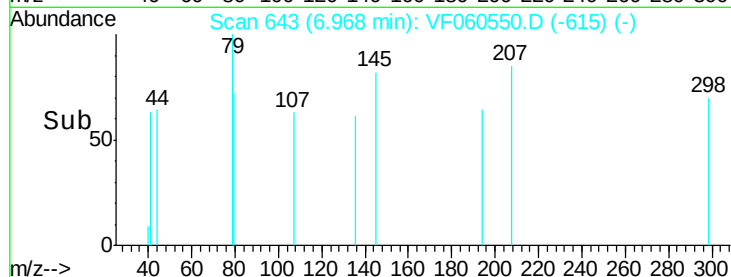
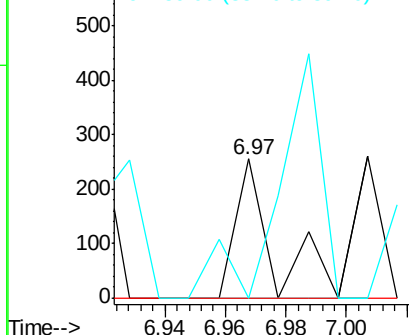
#48
Methyl methacrylate
Concen: 752.49 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.08 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Instrument :
MSVOA_F
ClientSampled :
SB-3

Tgt Ion: 41 Resp: 223
Ion Ratio Lower Upper
41 100
69 0.0 58.4 87.6#
39 0.0 56.4 84.6#

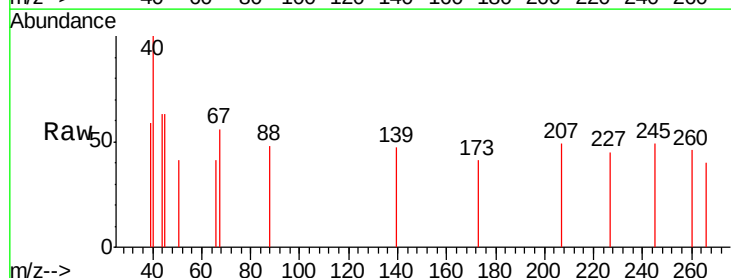


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

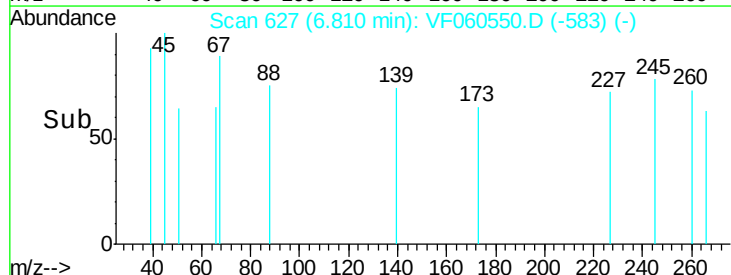
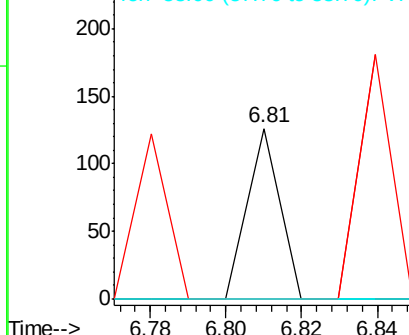


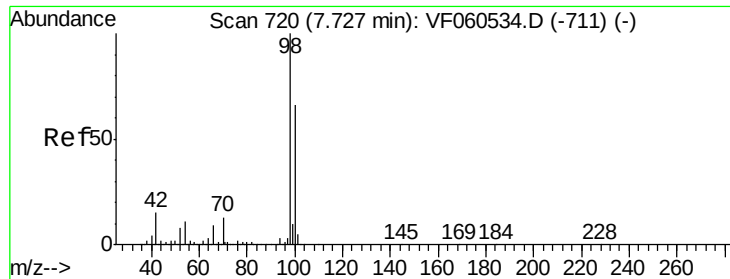
#49
1,4-Dioxane
Concen: 27205.55 ug/l
RT: 6.81 min Scan# 627
Delta R.T. -0.07 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
43 0.0 49.7 74.5#
58 0.0 67.7 101.5#



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: 29.09 ug/l

RT: 7.82 min Scan# 729

Delta R.T. 0.09 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

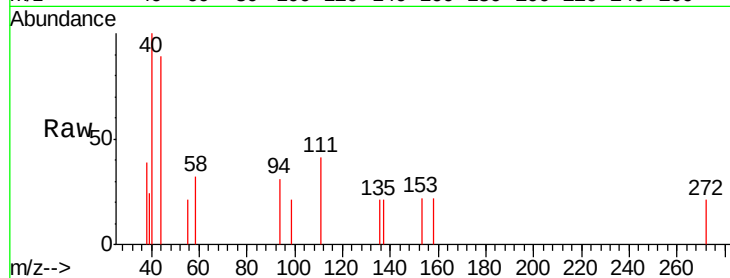
SB-3

Tgt Ion: 98 Resp: 60

Ion Ratio Lower Upper

98 100

100 0.0 53.0 79.6#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.82

100

80

60

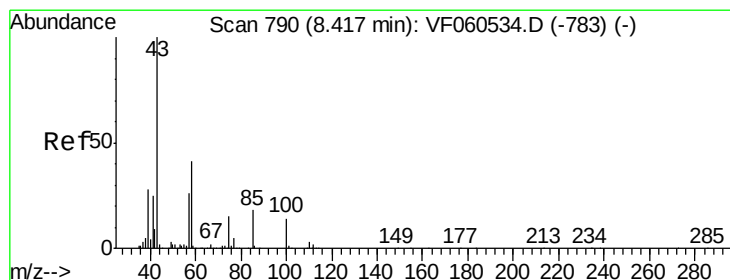
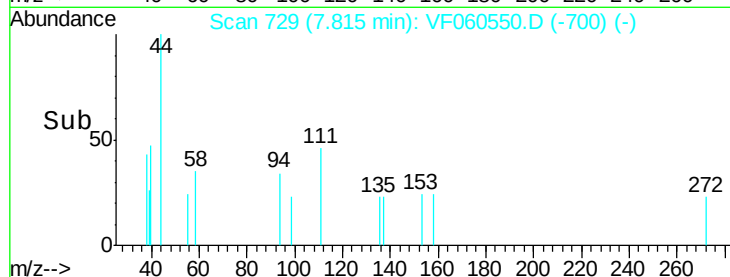
40

20

0

Time-->

7.78 7.80 7.82 7.84



#51

4-Methyl-2-Pentanone

Concen: 1699.77 ug/l

RT: 8.53 min Scan# 802

Delta R.T. 0.12 min

Lab File: VF060550.D

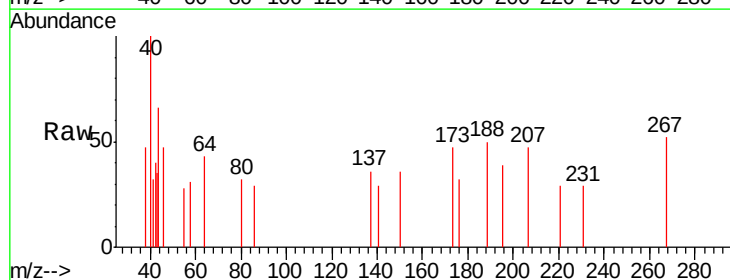
Acq: 30 Oct 2018 17:45

Tgt Ion: 43 Resp: 529

Ion Ratio Lower Upper

43 100

58 30.6 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.53

400

300

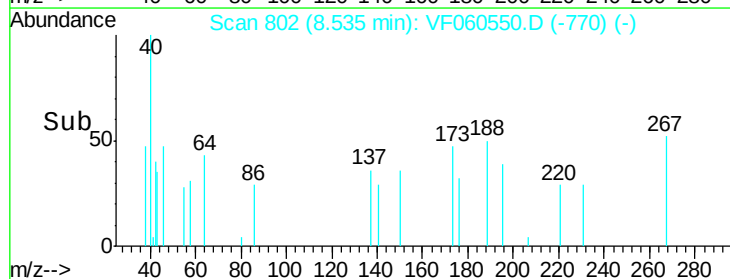
200

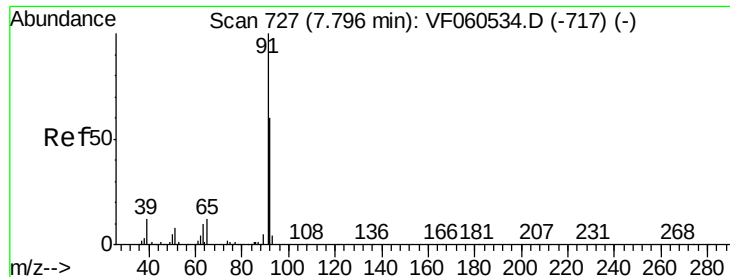
100

0

Time-->

8.50 8.55





#52

Toluene

Concen: 48.17 ug/l

RT: 7.97 min Scan# 745

Delta R.T. 0.18 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampled :

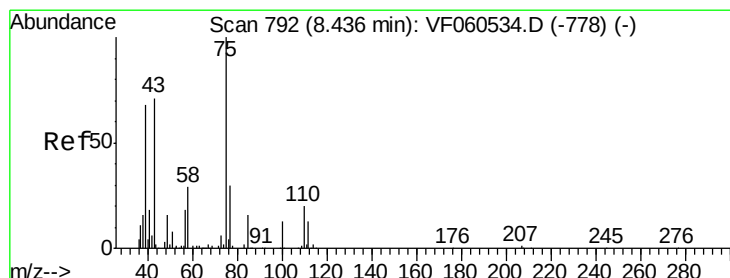
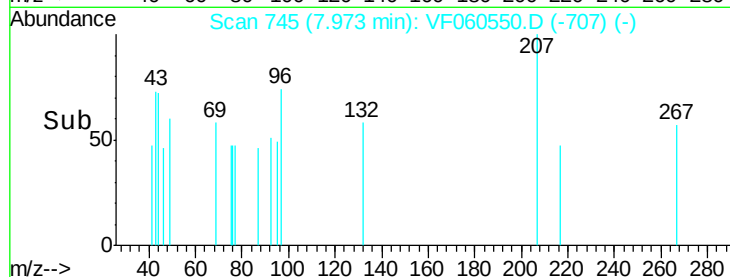
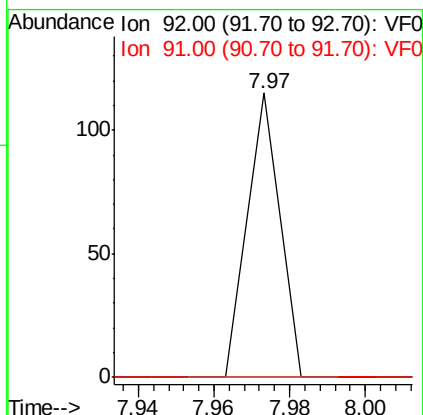
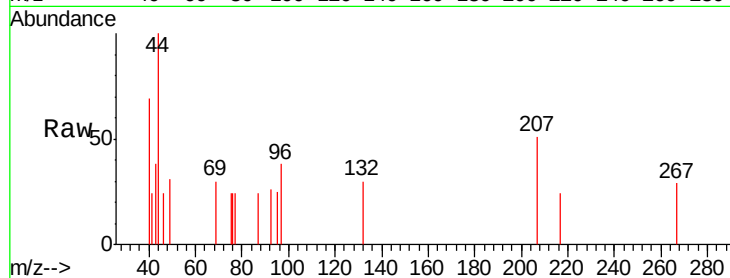
SB-3

Tgt Ion: 92 Resp: 68

Ion Ratio Lower Upper

92 100

91 0.0 134.1 201.1#



#53

t-1,3-Dichloropropene

Concen: 134.63 ug/l

RT: 8.56 min Scan# 805

Delta R.T. 0.13 min

Lab File: VF060550.D

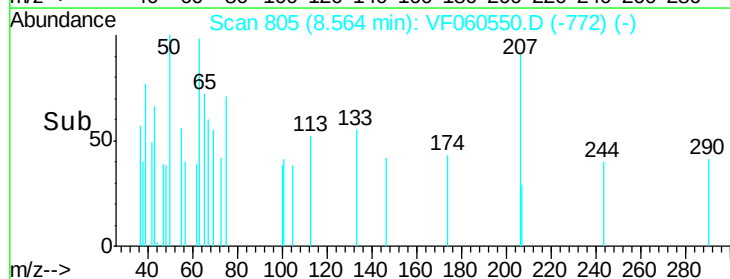
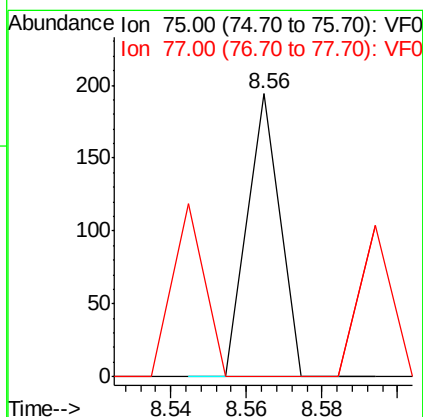
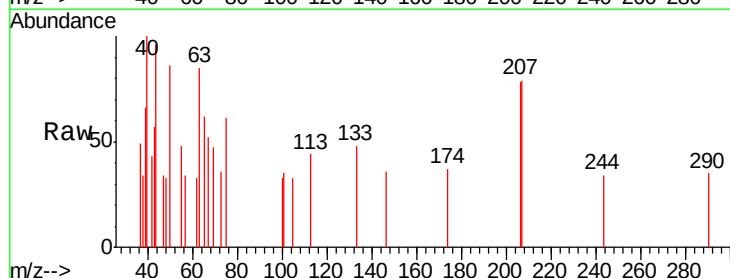
Acq: 30 Oct 2018 17:45

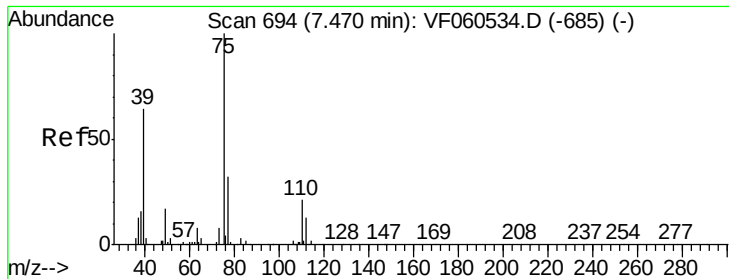
Tgt Ion: 75 Resp: 115

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#





#54

cis-1,3-Dichloropropene

Concen: 93.85 ug/l

RT: 7.59 min Scan# 706

Delta R.T. 0.12 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

SB-3

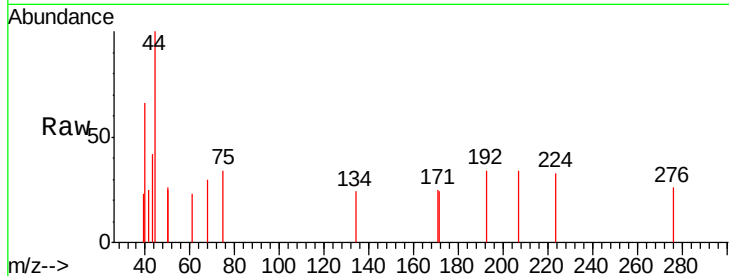
Tgt Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

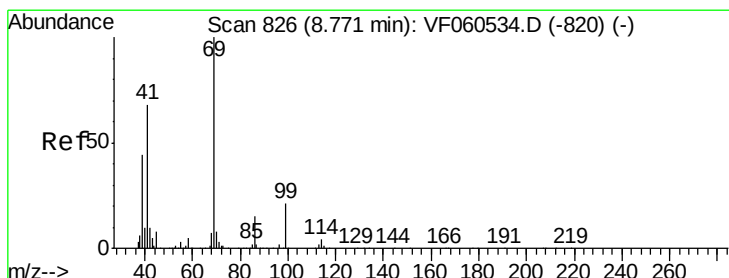
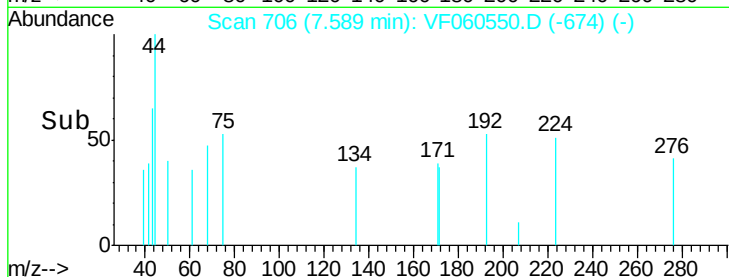
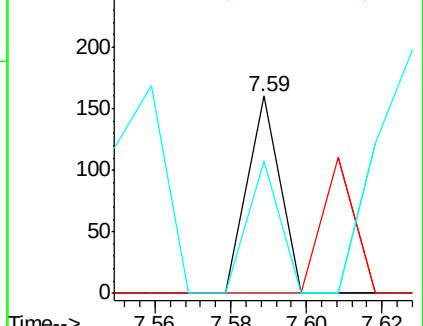
39 66.9 51.5 77.3



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



#56

Ethyl methacrylate

Concen: 187.51 ug/l

RT: 8.82 min Scan# 831

Delta R.T. 0.05 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

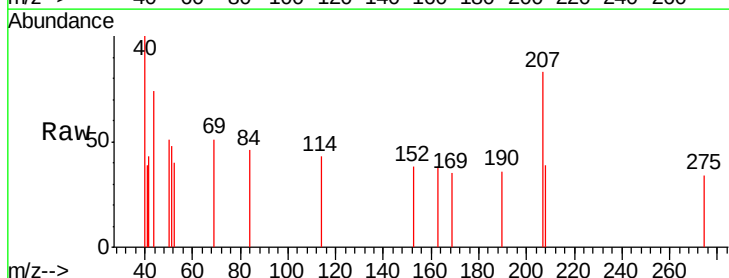
Tgt Ion: 69 Resp: 89

Ion Ratio Lower Upper

69 100

41 160.0 55.0 82.6#

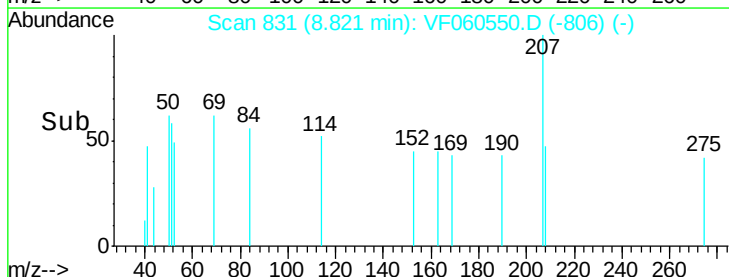
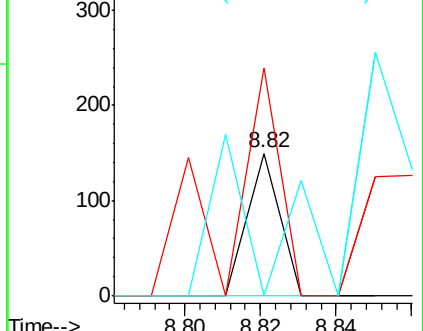
39 0.0 35.1 52.7#

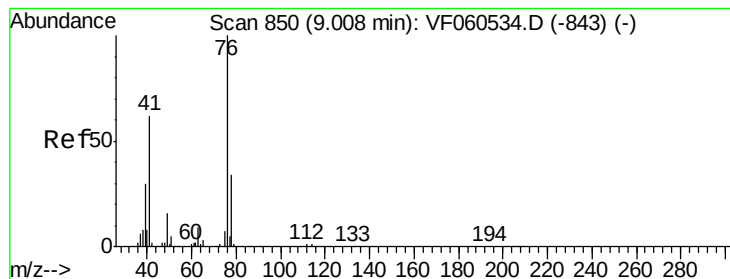


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 113.16 ug/l

RT: 9.13 min Scan# 862

Delta R.T. 0.12 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

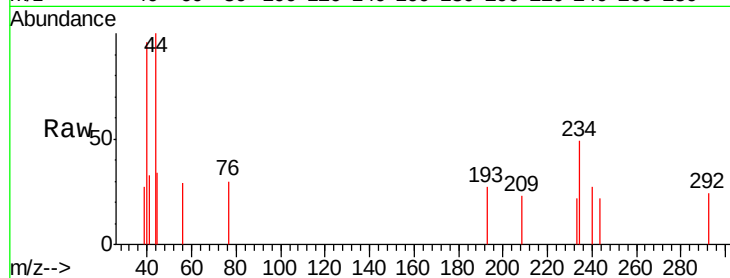
SB-3

Tgt Ion: 76 Resp: 81

Ion Ratio Lower Upper

76 100

78 0.0 27.3 40.9#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

9.13

150

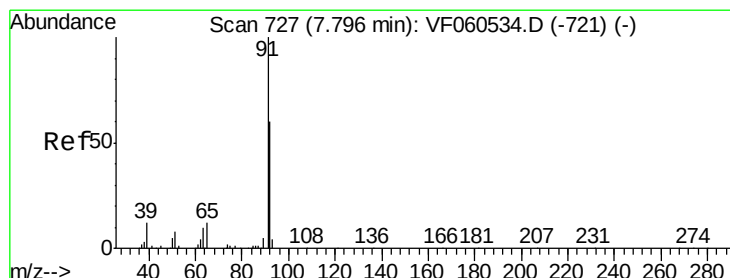
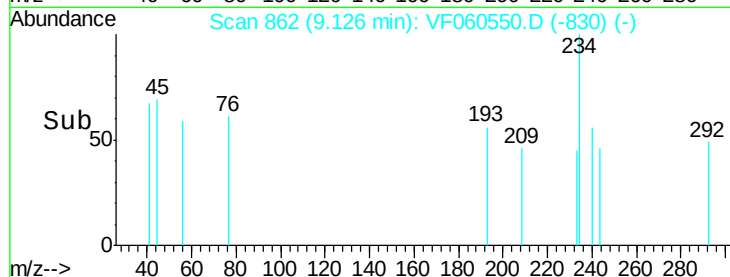
100

50

0

9.10 9.12 9.14 9.16

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1696.74 ug/l

RT: 7.84 min Scan# 732

Delta R.T. 0.05 min

Lab File: VF060550.D

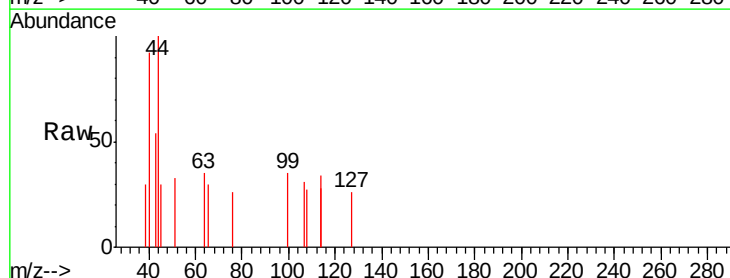
Acq: 30 Oct 2018 17:45

Tgt Ion: 63 Resp: 83

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

7.84

150

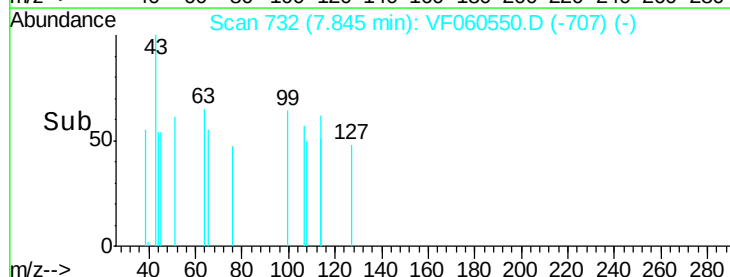
100

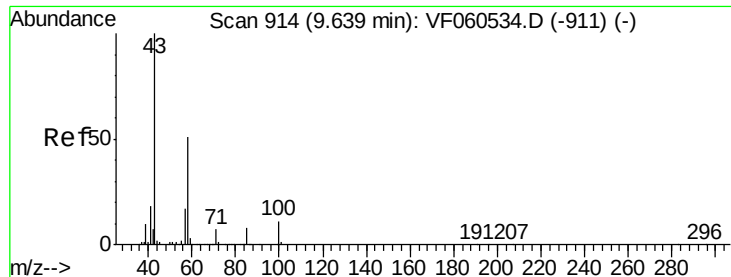
50

0

7.82 7.84 7.86

Time-->

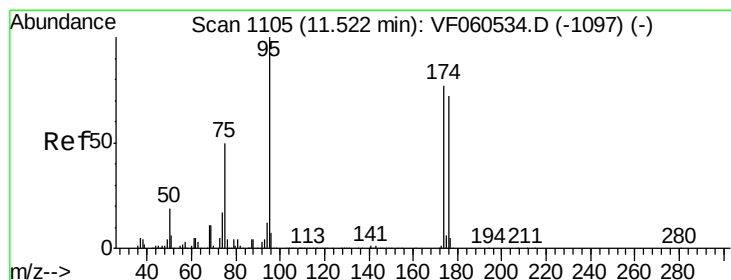
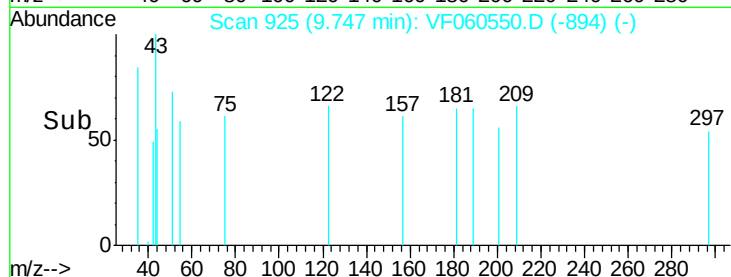
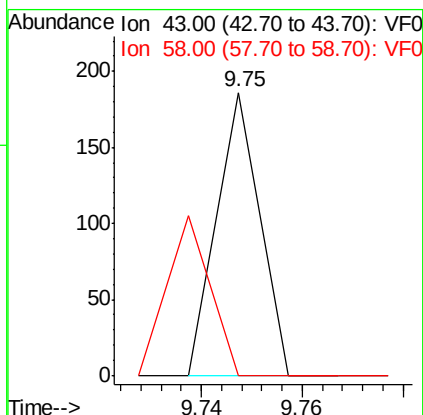
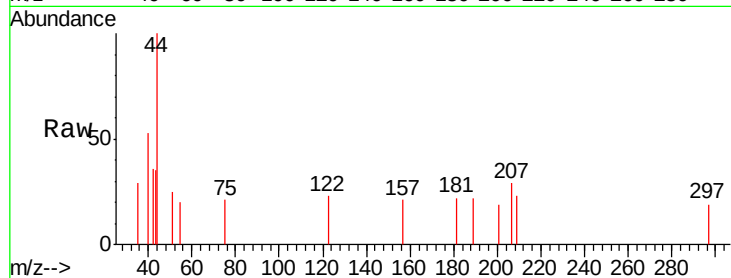




#59
2-Hexanone
Concen: 543.53 ug/l
RT: 9.75 min Scan# 925
Delta R.T. 0.11 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

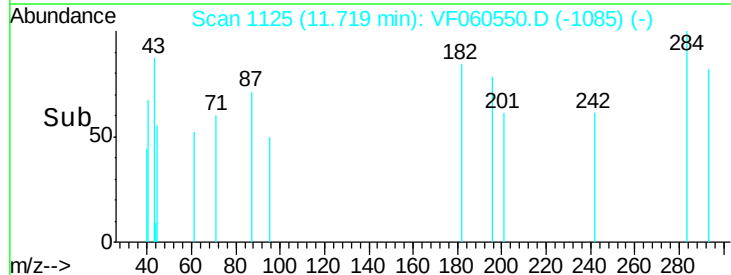
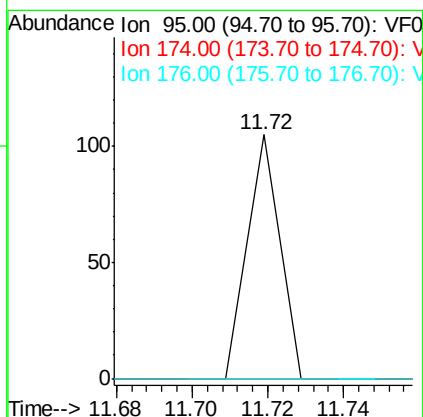
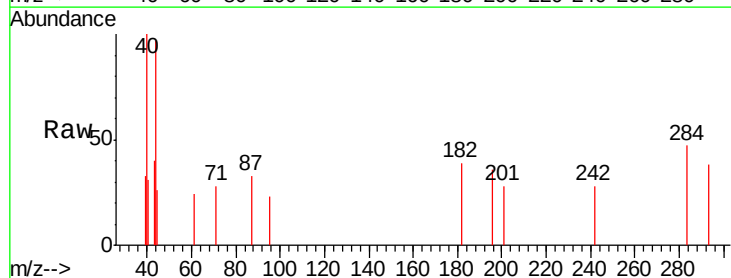
Instrument :
MSVOA_F
ClientSampled :
SB-3

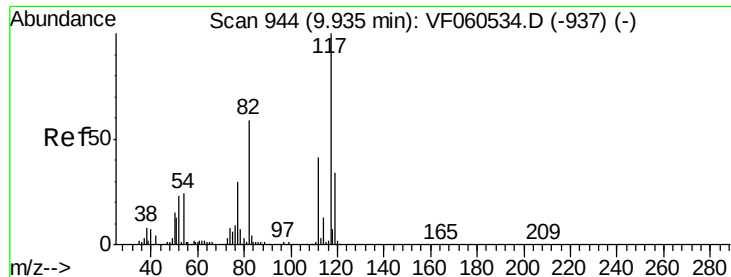
Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
58 0.0 24.1 72.3#



#62
4-Bromofluorobenzene
Concen: 65.25 ug/l
RT: 11.72 min Scan# 1125
Delta R.T. 0.20 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion: 95 Resp: 62
Ion Ratio Lower Upper
95 100
174 0.0 0.0 153.8
176 0.0 0.0 143.6

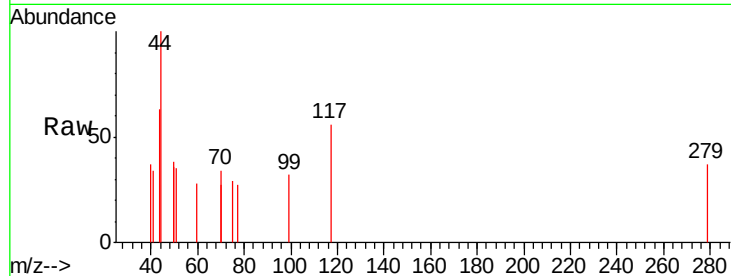




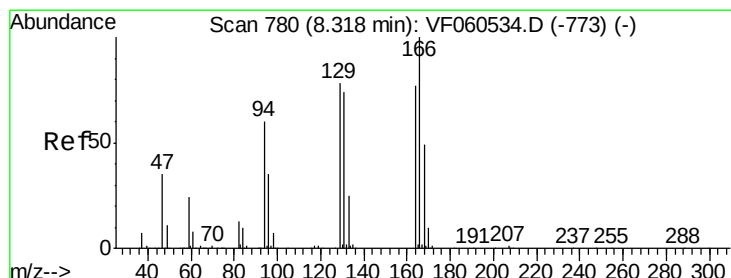
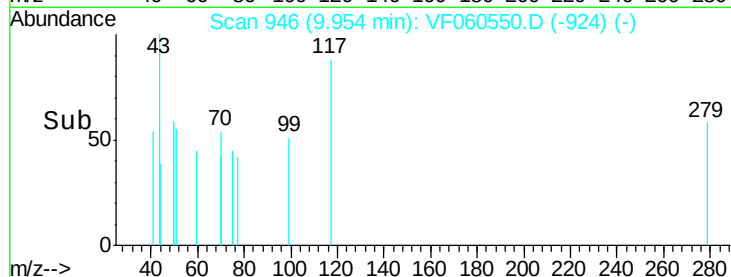
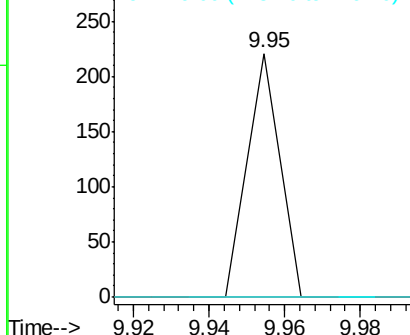
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.95 min Scan# 946
Delta R.T. 0.02 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Instrument :
MSVOA_F
ClientSampled :
SB-3

Tgt Ion	Ratio	Lower	Upper
117	100		
82	0.0	47.6	71.4#
119	0.0	27.3	40.9#

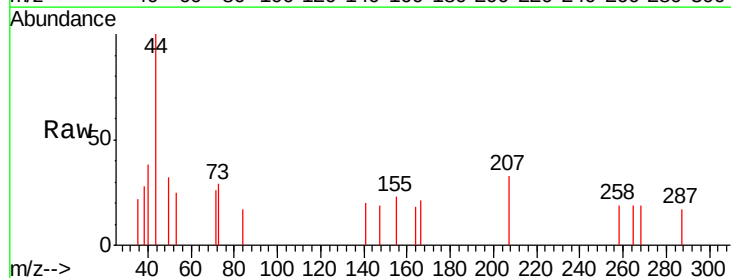


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

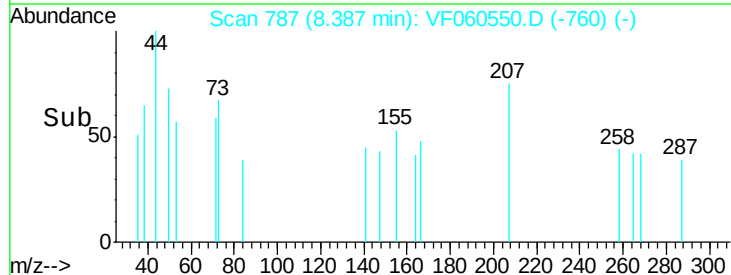
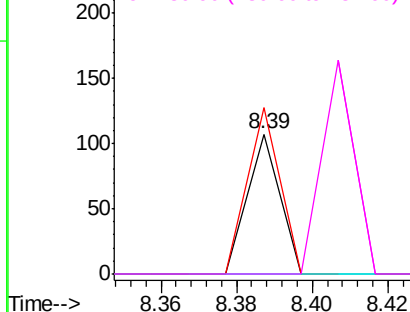


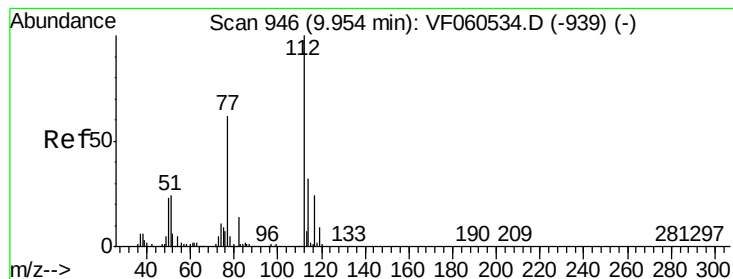
#64
Tetrachloroethene
Concen: 56.89 ug/l
RT: 8.39 min Scan# 787
Delta R.T. 0.07 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.6	103.4	155.2
129	0.0	80.7	121.1#
131	0.0	76.3	114.5#



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: 24.66 ug/l

RT: 9.92 min Scan# 943

Delta R.T. -0.03 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

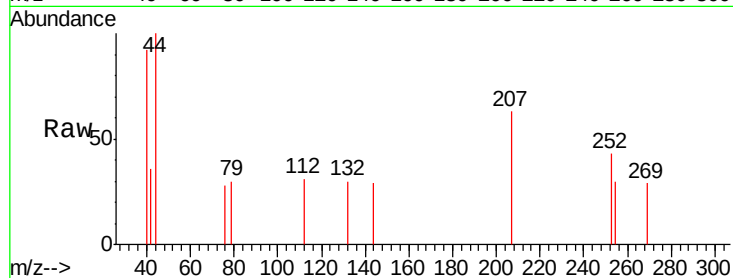
SB-3

Tgt Ion: 112 Resp: 65

Ion Ratio Lower Upper

112 100

114 0.0 25.5 38.3#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.92

100

80

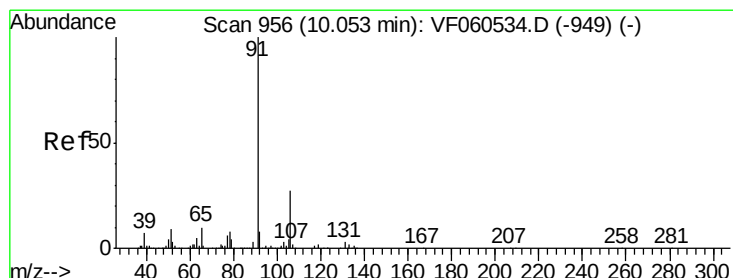
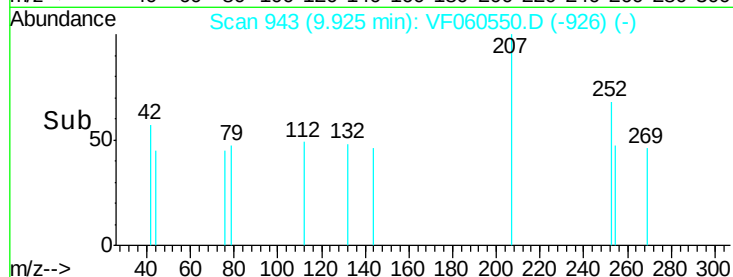
60

40

20

0

Time-->



#67

Ethyl Benzene

Concen: 12.71 ug/l

RT: 10.00 min Scan# 951

Delta R.T. -0.05 min

Lab File: VF060550.D

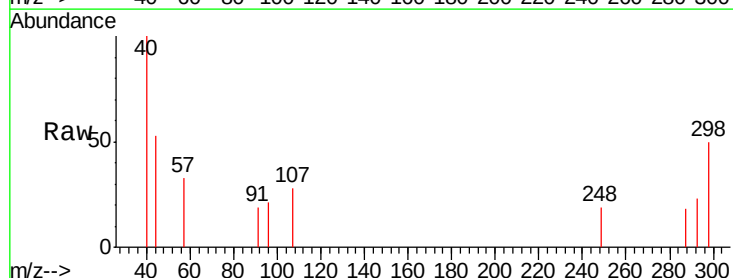
Acq: 30 Oct 2018 17:45

Tgt Ion: 91 Resp: 64

Ion Ratio Lower Upper

91 100

106 0.0 21.9 32.9#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

10.00

120

100

80

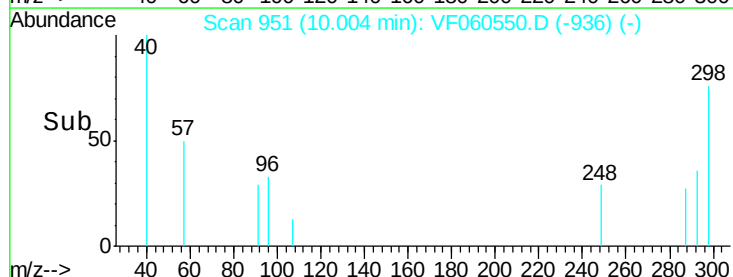
60

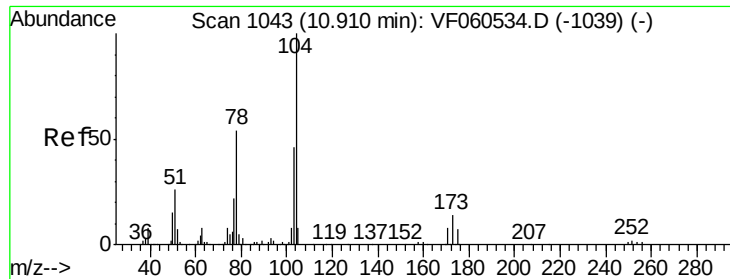
40

20

0

Time-->

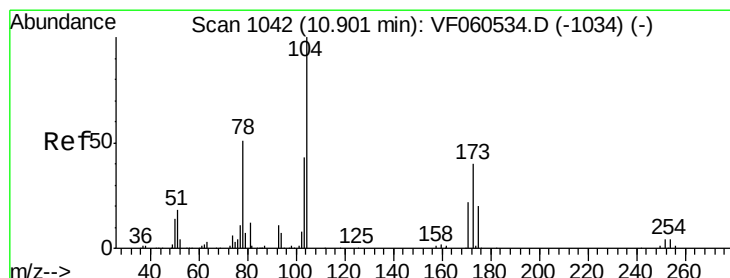
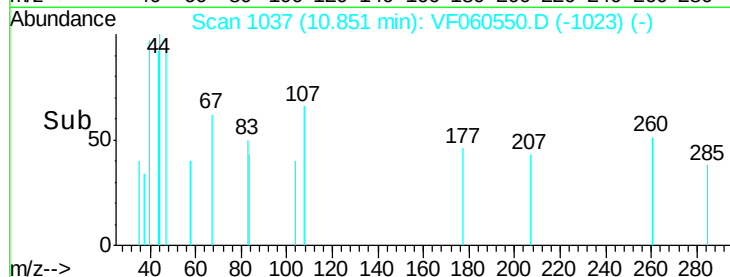
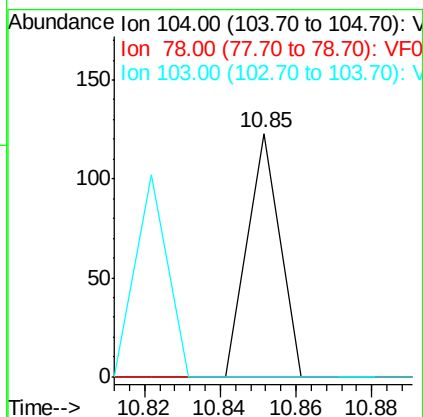
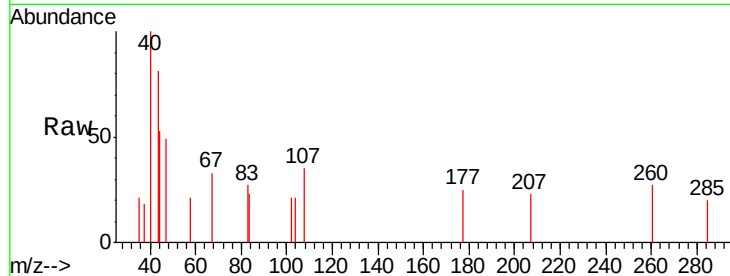




#70
Styrene
Concen: 26.73 ug/l
RT: 10.85 min Scan# 1037
Delta R.T. -0.06 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

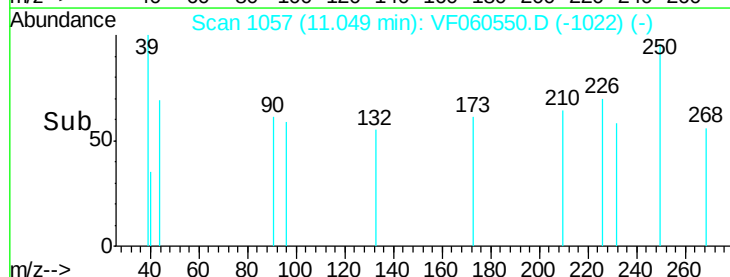
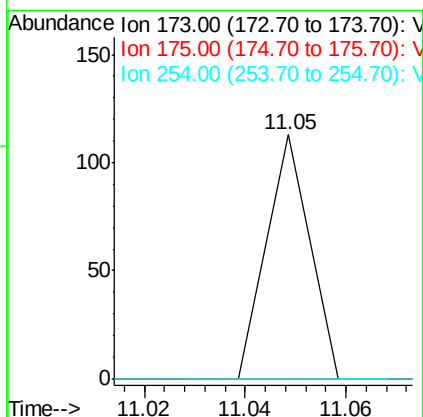
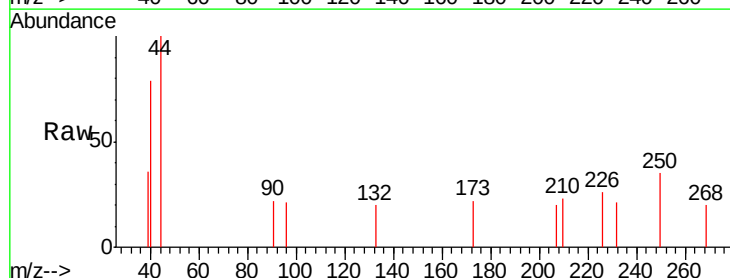
Instrument :
MSVOA_F
ClientSampled :
SB-3

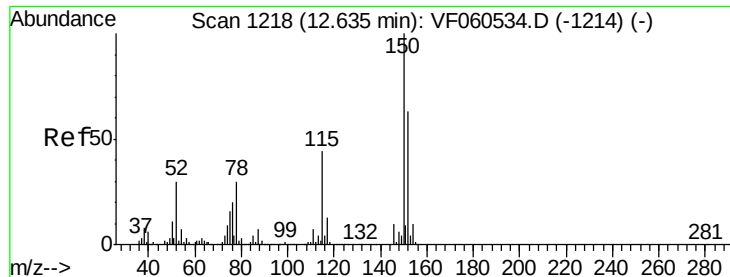
Tgt Ion:104 Resp: 73
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.2#
103 0.0 36.9 55.3#



#71
Bromoform
Concen: 108.16 ug/l
RT: 11.05 min Scan# 1057
Delta R.T. 0.15 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion:173 Resp: 67
Ion Ratio Lower Upper
173 100
175 0.0 25.7 77.0#
254 0.0 7.8 11.6#



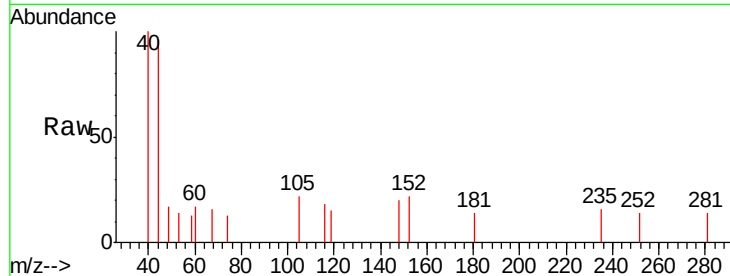


#72

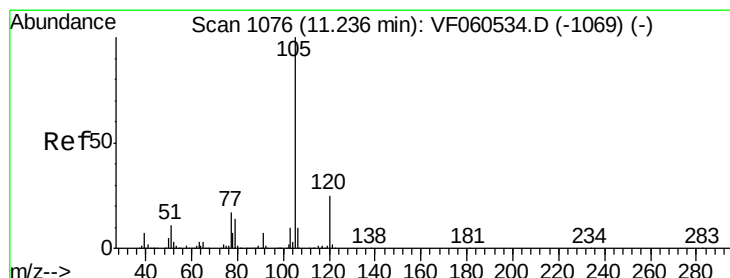
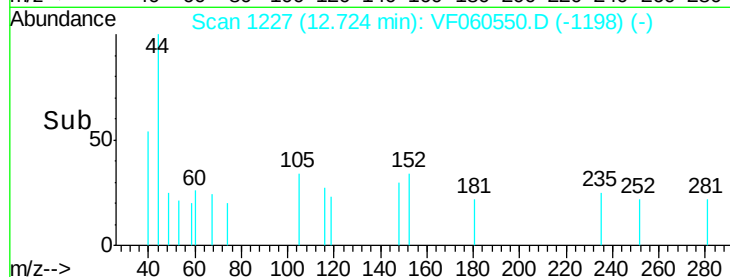
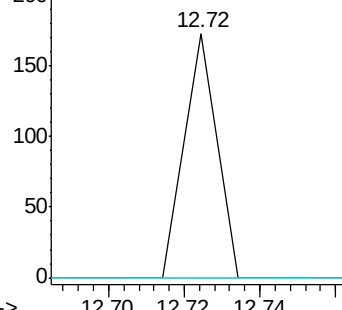
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.72 min Scan# 1227
Delta R.T. 0.09 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Instrument :
MSVOA_F
ClientSampleId :
SB-3

Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	34.7	104.1#
150	0.0	0.0	318.4



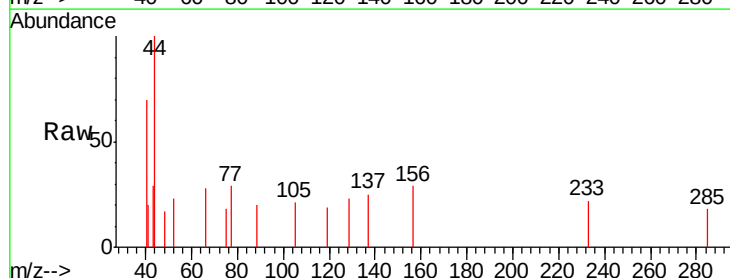
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



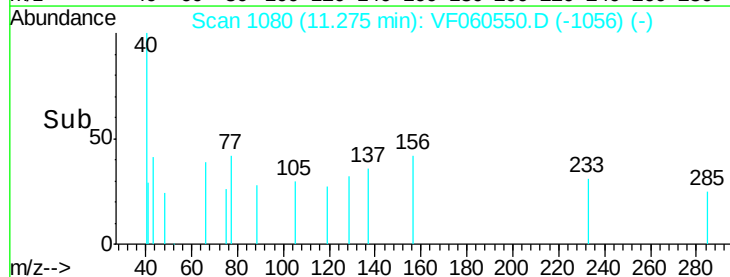
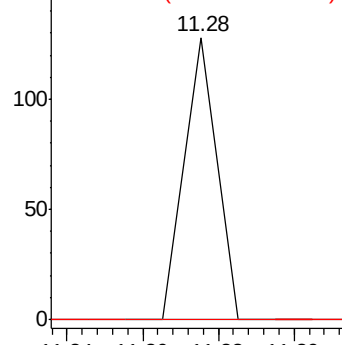
#73

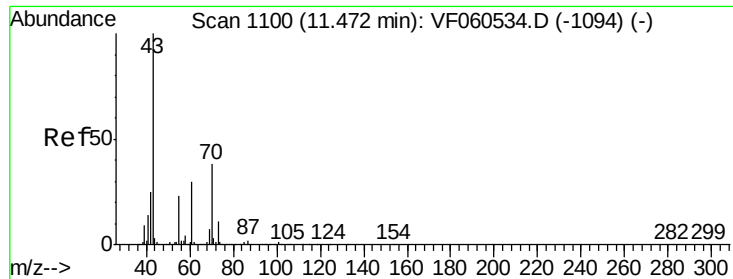
Isopropylbenzene
Concen: 9.75 ug/l
RT: 11.28 min Scan# 1080
Delta R.T. 0.04 min
Lab File: VF060550.D
Acq: 30 Oct 2018 17:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.3	36.8#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 51.23 ug/l

RT: 11.42 min Scan# 1095

Delta R.T. -0.05 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

SB-3

Tgt Ion: 43 Resp: 80

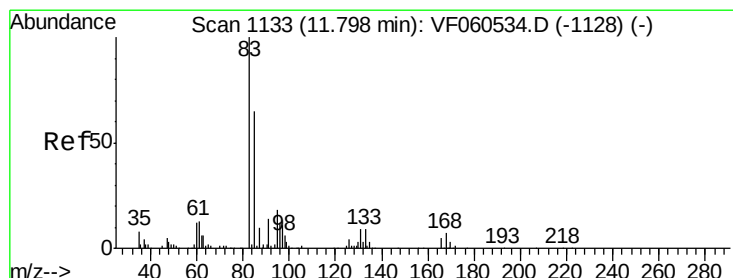
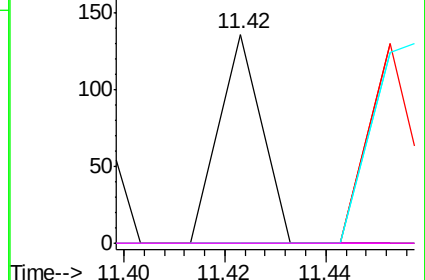
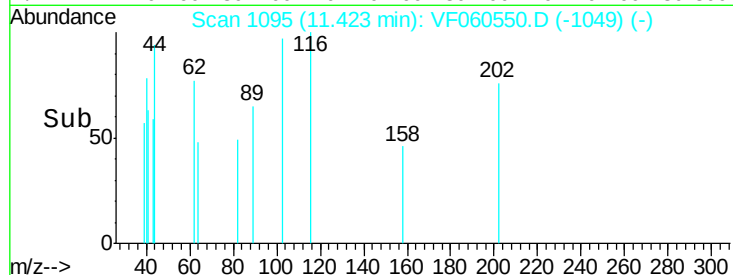
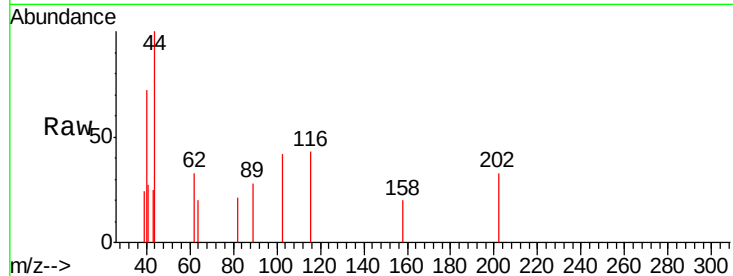
Ion Ratio Lower Upper

43 100

70 0.0 30.8 46.2#

55 0.0 18.2 27.4#

61 0.0 23.8 35.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 50.73 ug/l

RT: 11.92 min Scan# 1145

Delta R.T. 0.12 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

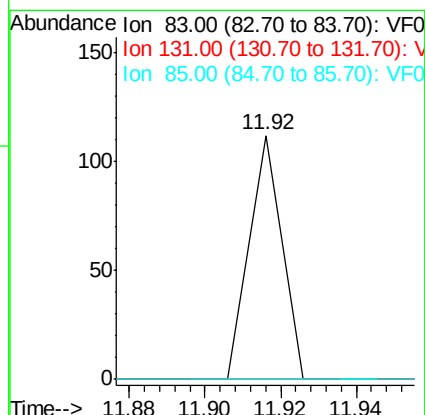
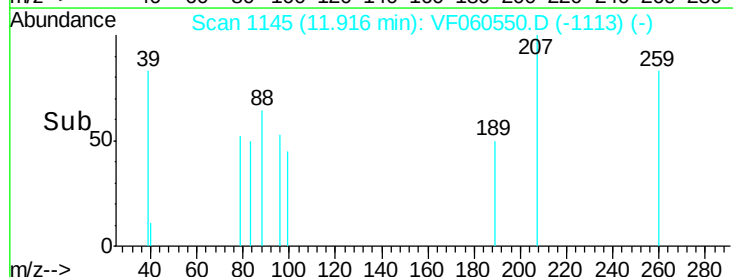
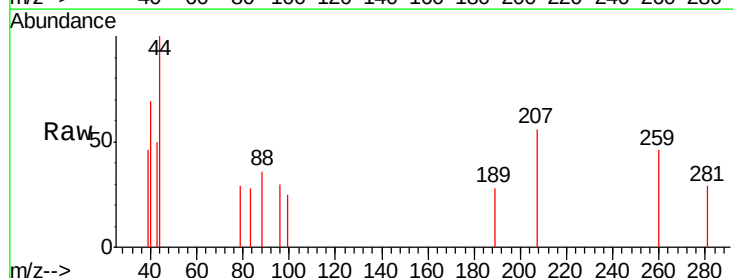
Tgt Ion: 83 Resp: 66

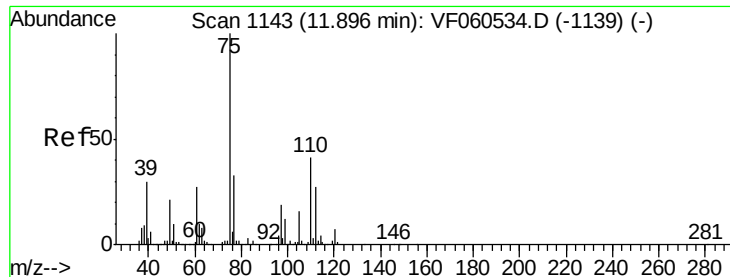
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 150.19 ug/l

RT: 11.83 min Scan# 1136

Delta R.T. -0.07 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampled :

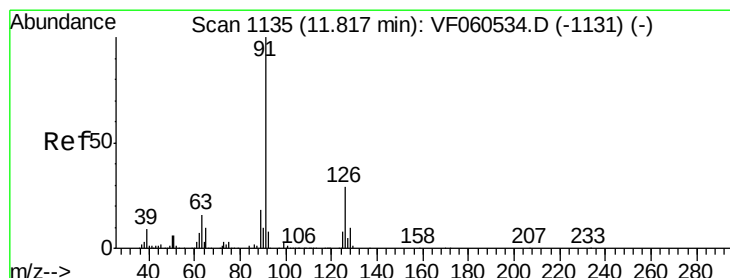
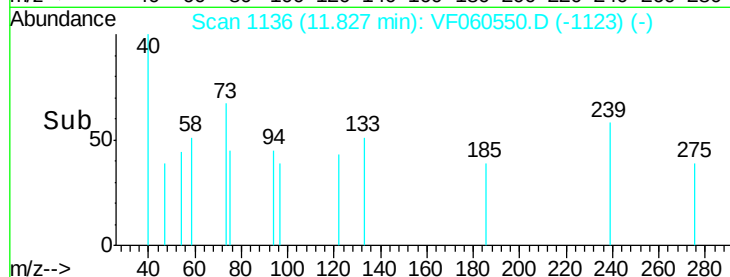
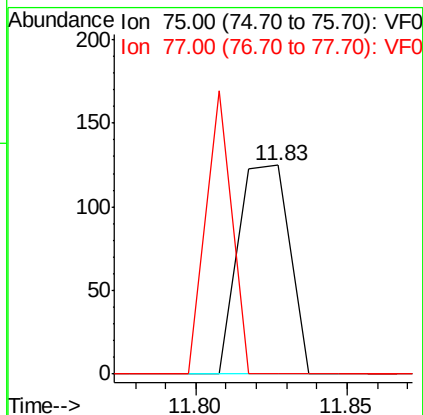
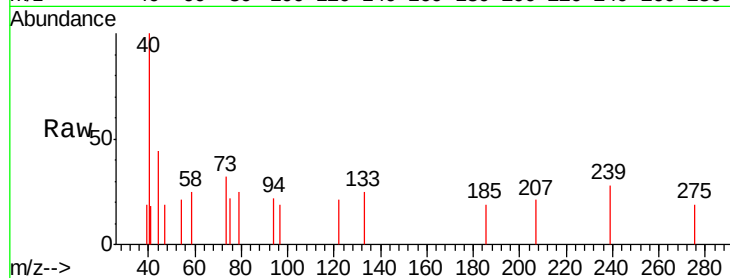
SB-3

Tgt Ion: 75 Resp: 147

Ion Ratio Lower Upper

75 100

77 0.0 16.7 50.1#



#79

2-Chlorotoluene

Concen: 10.84 ug/l

RT: 11.89 min Scan# 1142

Delta R.T. 0.07 min

Lab File: VF060550.D

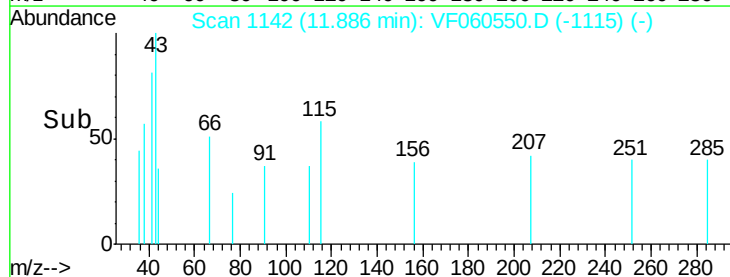
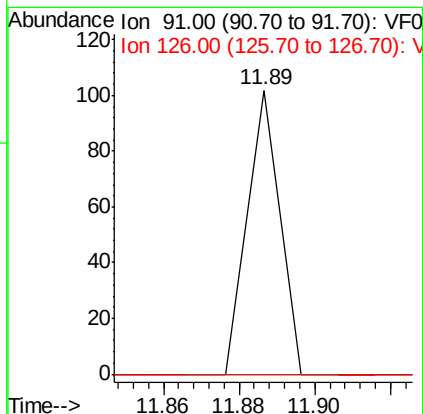
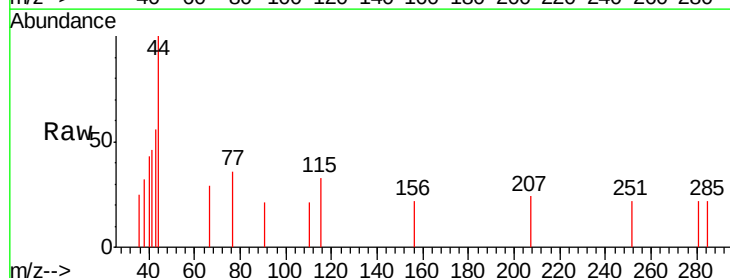
Acq: 30 Oct 2018 17:45

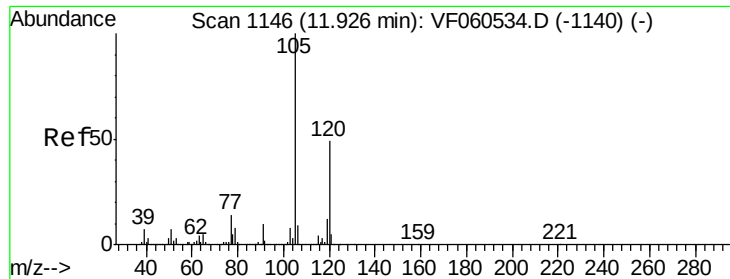
Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

91 100

126 0.0 14.2 42.8#





#80

1,3,5-Trimethylbenzene

Concen: 25.53 ug/l

RT: 11.99 min Scan# 1153

Delta R.T. 0.07 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

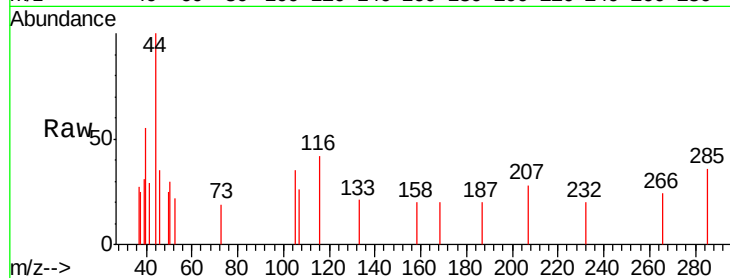
SB-3

Tgt Ion: 105 Resp: 172

Ion Ratio Lower Upper

105 100

120 0.0 24.3 73.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.99

150

100

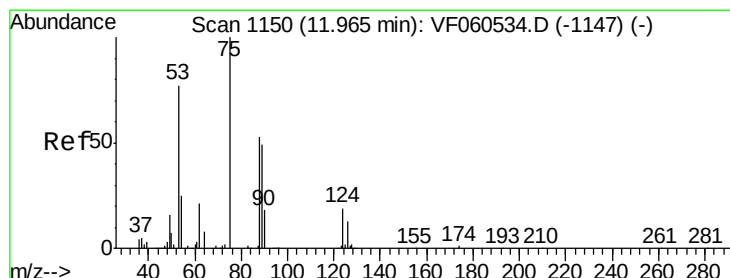
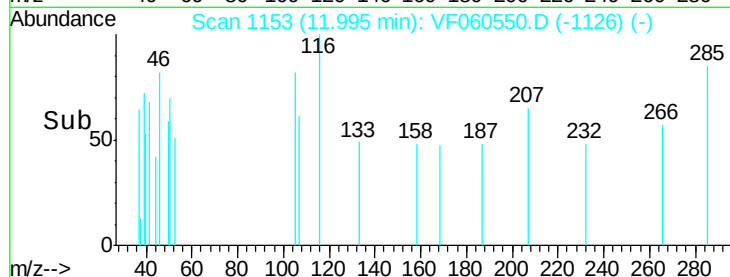
50

0

11.95

12.00

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 554.38 ug/l

RT: 11.97 min Scan# 1150

Delta R.T. 0.00 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

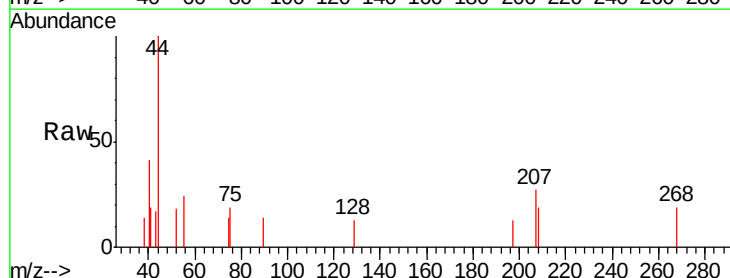
Tgt Ion: 75 Resp: 237

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.6#

89 0.0 44.0 66.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

11.97

300

200

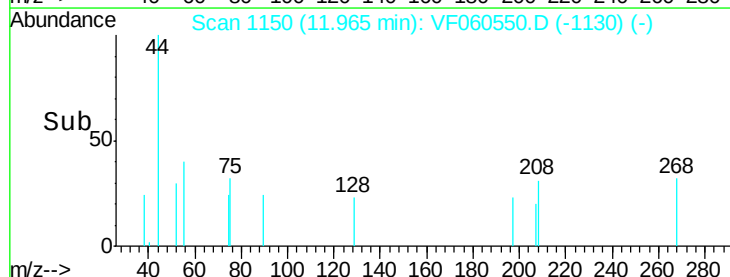
100

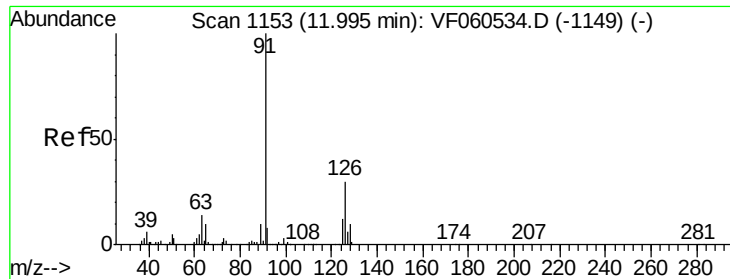
0

11.95

12.00

Time-->





#82

4-Chlorotoluene

Concen: 10.45 ug/l

RT: 11.89 min Scan# 1142

Delta R.T. -0.11 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampled :

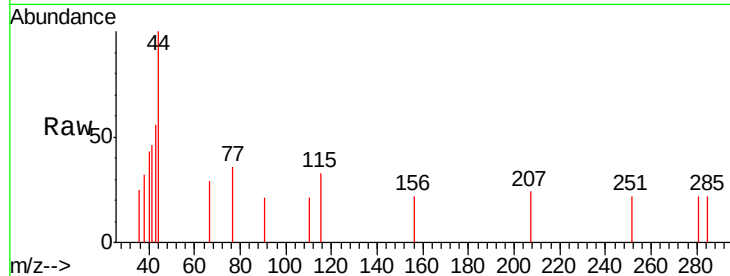
SB-3

Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

91 100

126 0.0 15.1 45.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.89

100

80

60

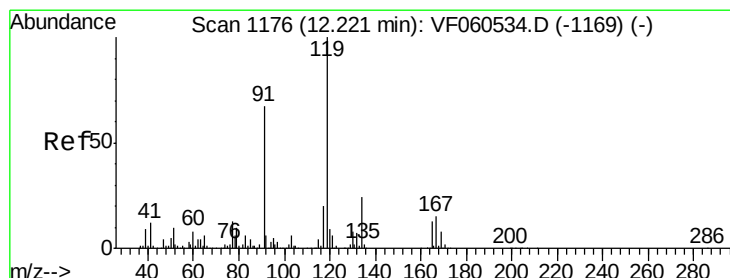
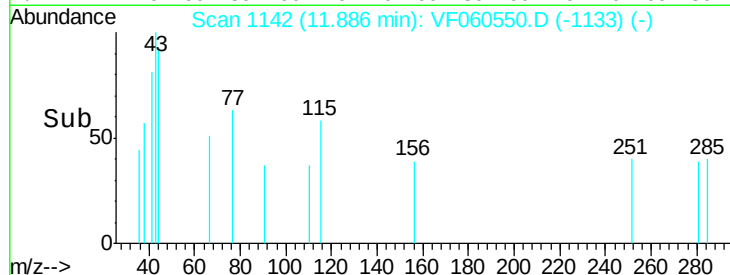
40

20

0

11.86 11.88 11.90

Time-->



#83

tert-Butylbenzene

Concen: 9.50 ug/l

RT: 12.19 min Scan# 1173

Delta R.T. -0.03 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

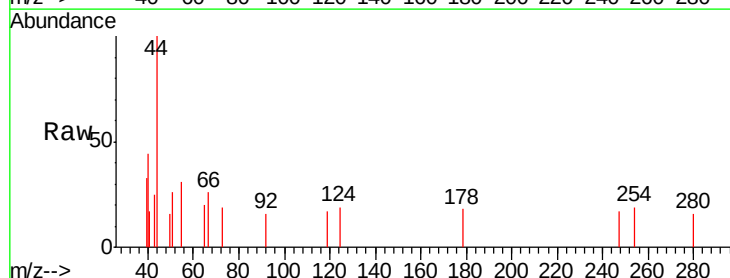
Tgt Ion: 119 Resp: 62

Ion Ratio Lower Upper

119 100

91 0.0 33.6 100.8#

134 0.0 12.0 36.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

12.19

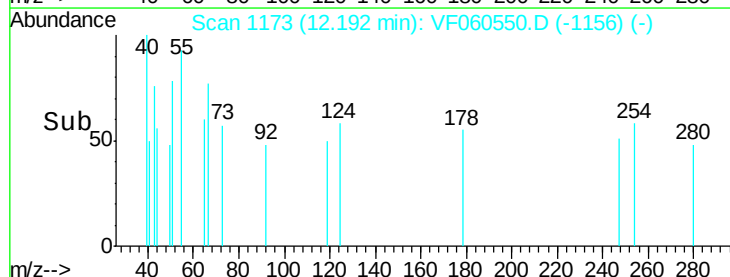
100

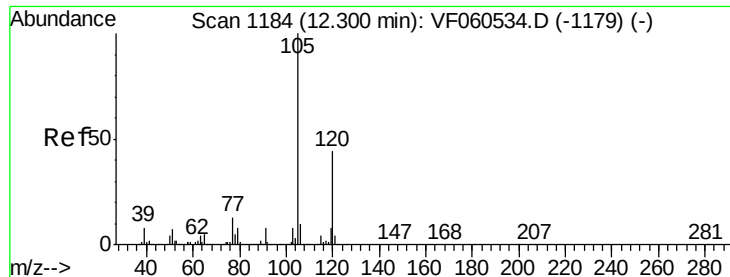
50

0

12.16 12.18 12.20 12.22

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 16.66 ug/l

RT: 12.32 min Scan# 1186

Delta R.T. 0.02 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampled :

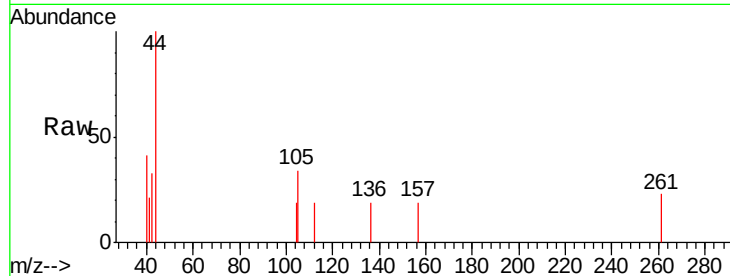
SB-3

Tgt Ion:105 Resp: 114

Ion Ratio Lower Upper

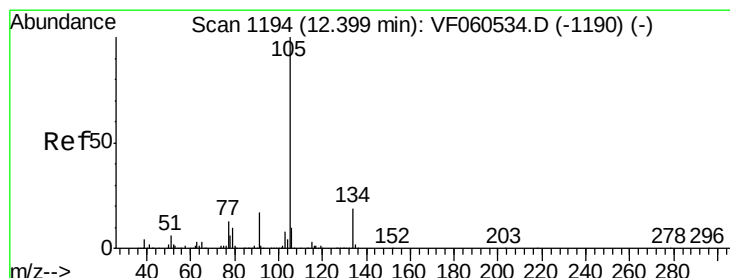
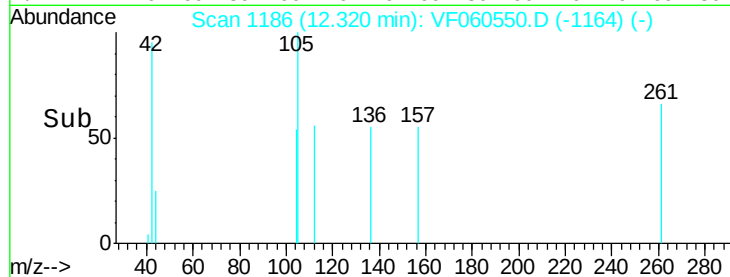
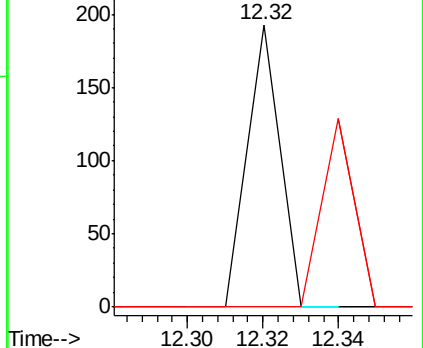
105 100

120 0.0 22.0 66.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 12.46 ug/l

RT: 12.32 min Scan# 1186

Delta R.T. -0.08 min

Lab File: VF060550.D

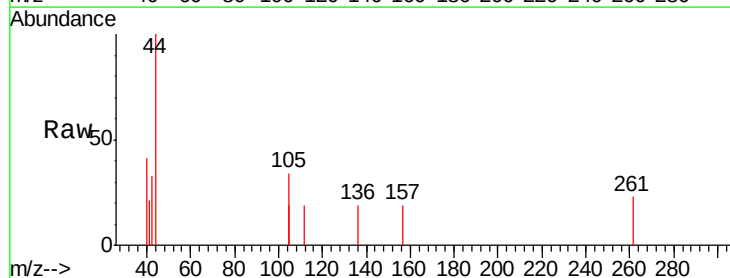
Acq: 30 Oct 2018 17:45

Tgt Ion:105 Resp: 114

Ion Ratio Lower Upper

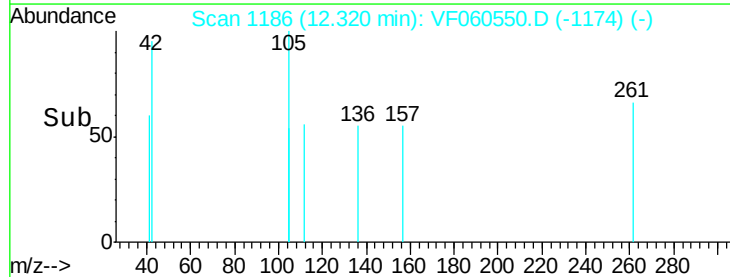
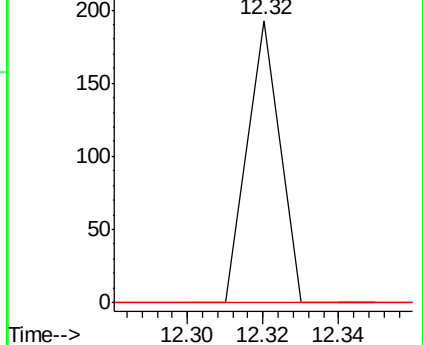
105 100

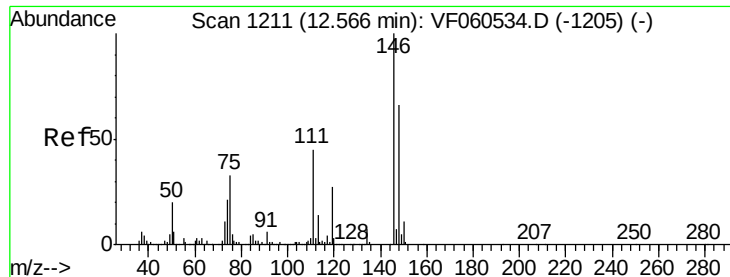
134 0.0 9.6 28.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

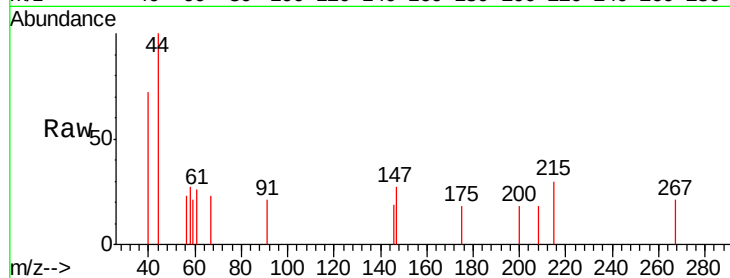




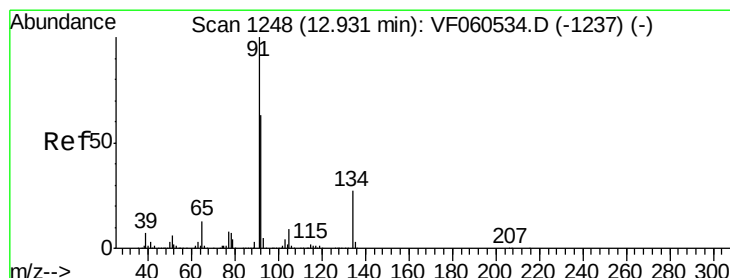
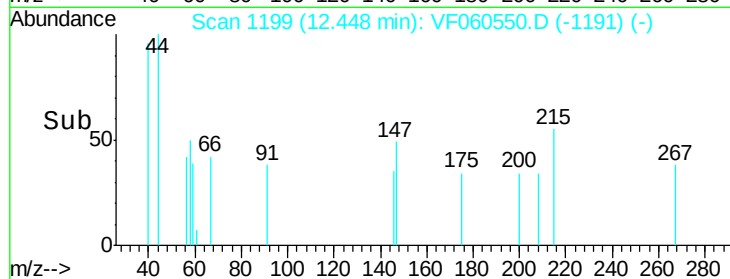
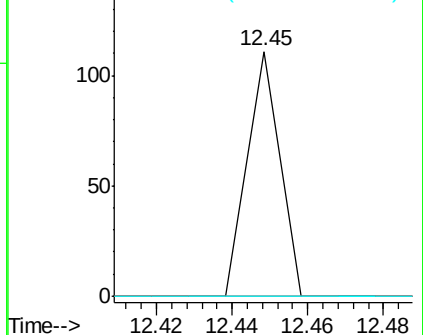
#87
 1,3-Dichlorobenzene
 Concen: 19.27 ug/l
 RT: 12.45 min Scan# 1199
 Delta R.T. -0.12 min
 Lab File: VF060550.D
 Acq: 30 Oct 2018 17:45

Instrument :
 MSVOA_F
 ClientSampled :
 SB-3

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.6	67.7#
148	0.0	33.1	99.3#

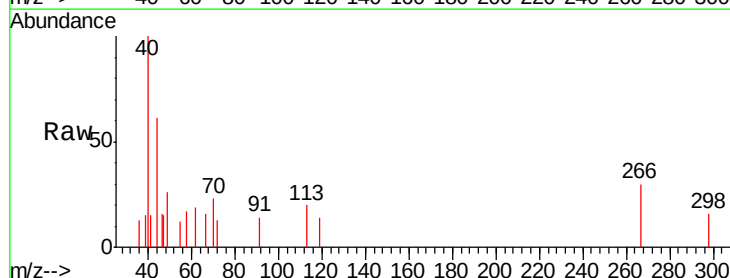


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

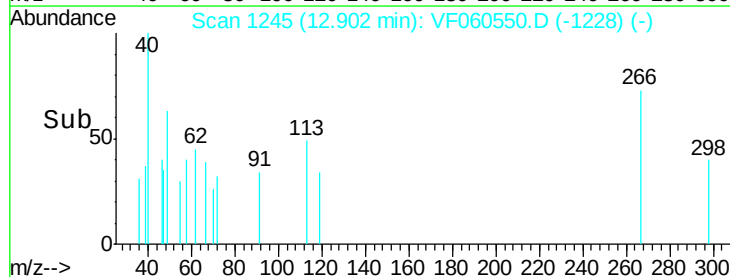
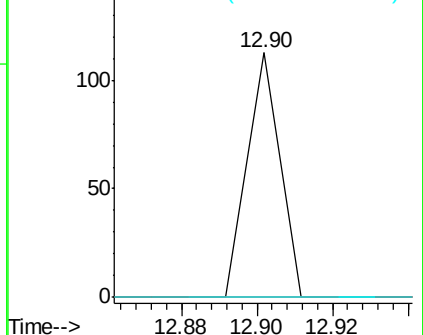


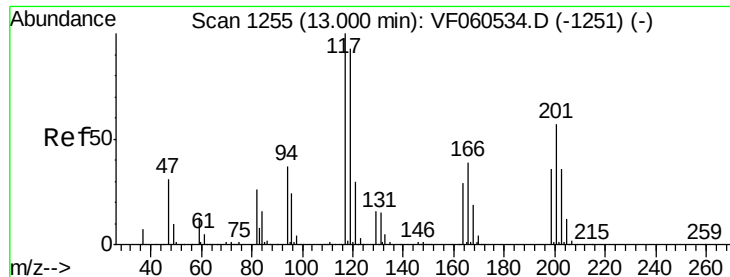
#89
 n-Butylbenzene
 Concen: 3.47 ug/l
 RT: 12.90 min Scan# 1245
 Delta R.T. -0.03 min
 Lab File: VF060550.D
 Acq: 30 Oct 2018 17:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.3	93.9#
134	0.0	13.3	39.8#



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





#90

Hexachloroethane

Concen: 34.57 ug/l

RT: 13.08 min Scan# 1263

Delta R.T. 0.08 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

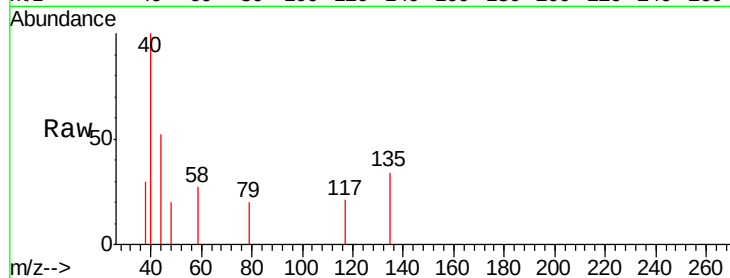
SB-3

Tgt Ion:117 Resp: 67

Ion Ratio Lower Upper

117 100

201 0.0 28.2 84.7#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

120

100

80

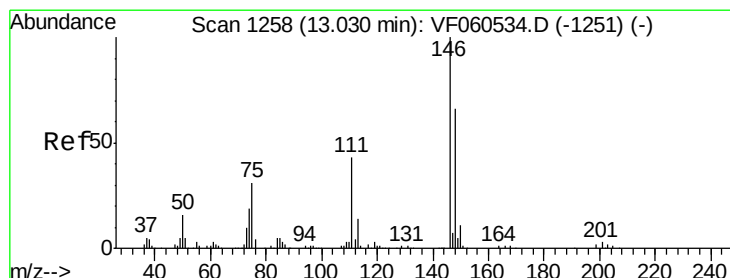
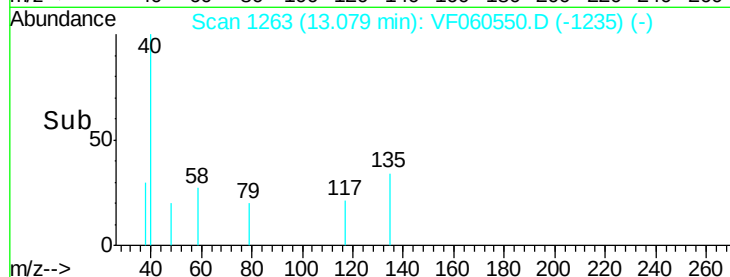
60

40

20

0

Time--> 13.04 13.06 13.08 13.10



#91

1,2-Dichlorobenzene

Concen: 21.39 ug/l

RT: 13.15 min Scan# 1270

Delta R.T. 0.12 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

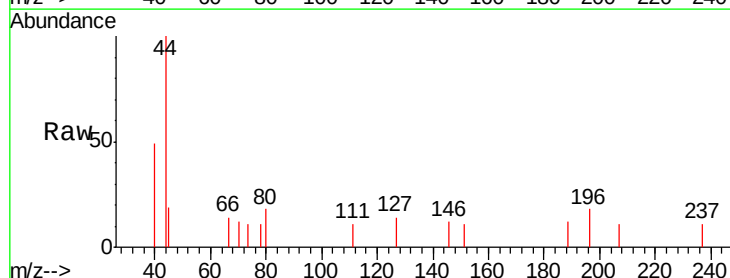
Tgt Ion:146 Resp: 69

Ion Ratio Lower Upper

146 100

111 94.9 21.5 64.5#

148 0.0 33.1 99.5#



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

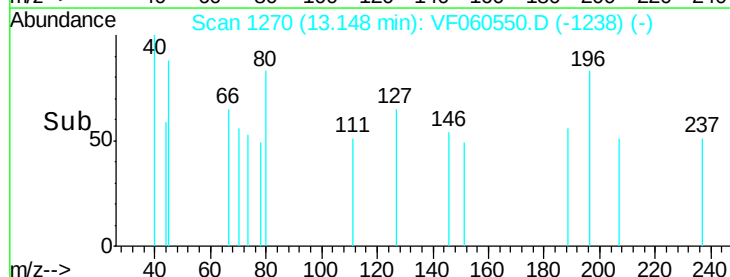
150

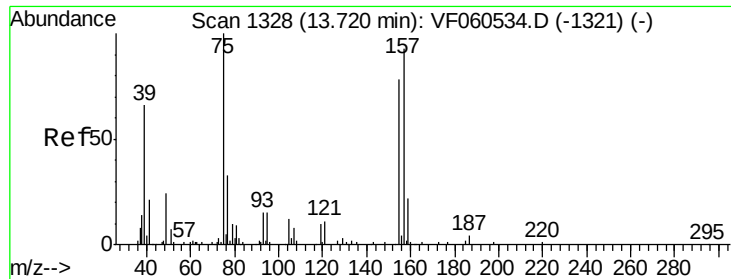
100

50

0

Time--> 13.12 13.14 13.16 13.18





#92

1,2-Dibromo-3-Chloropropane

Concen: 311.38 ug/l

RT: 13.73 min Scan# 1329

Delta R.T. 0.01 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

Instrument :

MSVOA_F

ClientSampleId :

SB-3

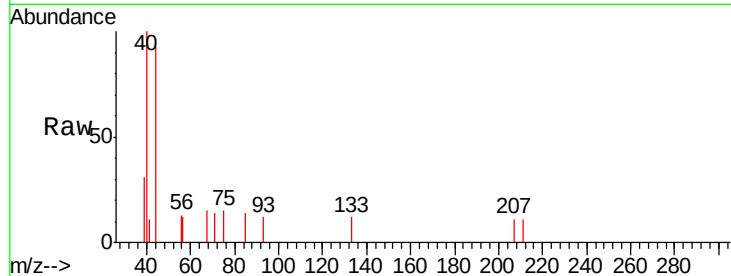
Tgt Ion: 75 Resp: 84

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.5#

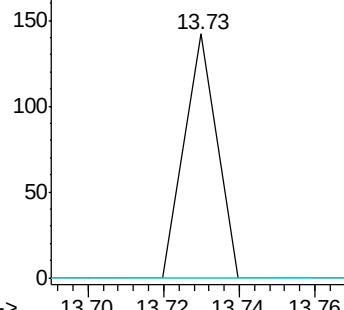
157 0.0 46.5 139.5#



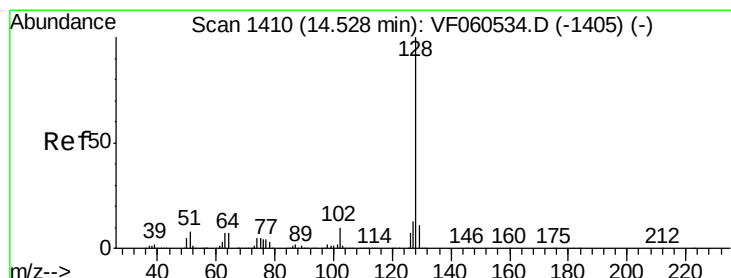
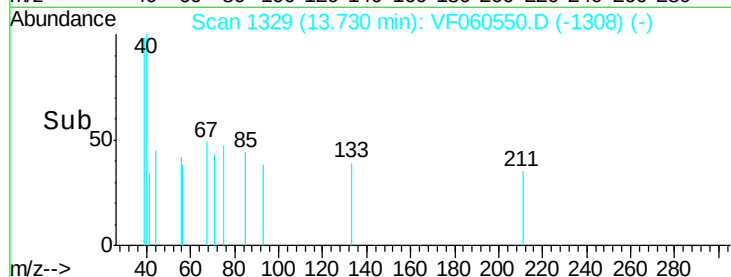
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



Time--> 13.70 13.72 13.74 13.76



#95

Naphthalene

Concen: 19.42 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. -0.01 min

Lab File: VF060550.D

Acq: 30 Oct 2018 17:45

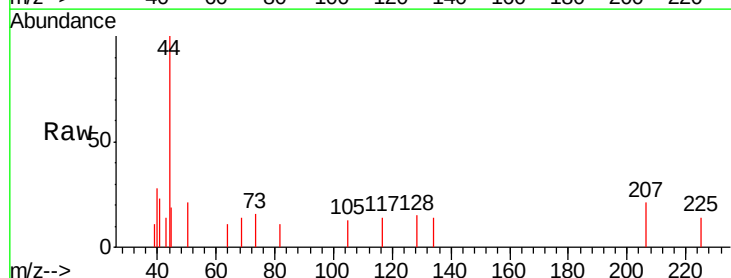
Tgt Ion: 128 Resp: 83

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

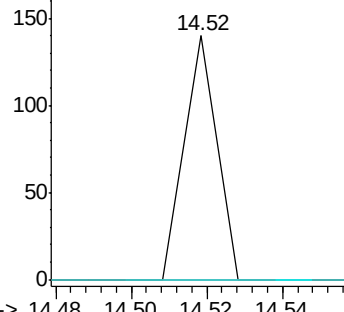
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 14.48 14.50 14.52 14.54

