

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF103018\
 Data File : VF060549.D
 Acq On : 30 Oct 2018 17:17
 Operator : VA/AP
 Sample : J5711-02
 Misc : 6.98/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2

Quant Time: Oct 31 04:52:18 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	5.04	168	360	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	99	50.00	ug/l	-0.02
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	12.69	152	82	50.00	ug/l	0.06

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	200	36.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.04%	
35) Dibromofluoromethane	4.29	113	79	83.16	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	166.32%	
50) Toluene-d8	7.72	98	74	31.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	63.80%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.93	85	98	12.646	ug/l #	41
3) Chloromethane	1.12	50	90	22.610	ug/l #	1
4) Vinyl Chloride	1.20	62	93	21.547	ug/l #	43
5) Bromomethane	1.35	94	70	20.636	ug/l	96
6) Chloroethane	1.46	64	75	33.374	ug/l #	41
7) Trichlorofluoromethane	1.66	101	61	5.866	ug/l #	18
8) Diethyl Ether	1.85	74	74	56.740	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.72	101	87	18.241	ug/l #	22
11) Tert butyl alcohol	2.56	59	69	312.706	ug/l #	71
12) 1,1-Dichloroethene	1.86	96	60	14.831	ug/l #	1
13) Acrolein	1.97	56	65	323.008	ug/l #	54
14) Allyl chloride	2.21	41	469	72.907	ug/l #	77
15) Acrylonitrile	3.04	53	109	196.307	ug/l #	13
16) Acetone	2.33	43	175	160.414	ug/l #	62
17) Carbon Disulfide	1.86	76	89	7.827	ug/l #	73
18) Methyl Acetate	2.43	43	67	39.950	ug/l #	61
19) Methyl tert-butyl Ether	2.56	73	135	14.893	ug/l #	59
20) Methylene Chloride	2.34	84	164	44.671	ug/l #	1
22) Diisopropyl ether	2.94	45	82	7.018	ug/l #	40
23) Vinyl Acetate	3.31	43	305	70.367	ug/l #	78
24) 1,1-Dichloroethane	3.14	63	72	8.539	ug/l #	90
25) 2-Butanone	4.46	43	461	367.363	ug/l #	54
26) 2,2-Dichloropropane	3.77	77	163	31.107	ug/l #	61
27) cis-1,2-Dichloroethene	3.72	96	86	17.237	ug/l	1
28) Bromochloromethane	3.94	49	199	65.521	ug/l #	10
29) Tetrahydrofuran	4.28	42	104	222.603	ug/l #	34
30) Chloroform	4.13	83	80	7.513	ug/l	94
31) Cyclohexane	3.87	56	146	24.251	ug/l #	14
32) 1,1,1-Trichloroethane	4.34	97	60	6.815	ug/l #	23
36) 1,1-Dichloropropene	4.37	75	68	55.128	ug/l #	44
37) Ethyl Acetate	4.29	43	175	438.238	ug/l #	1
39) Methylcyclohexane	5.62	83	69	55.393	ug/l #	15
40) Benzene	4.77	78	196	80.116	ug/l #	52
41) Methacrylonitrile	4.91	41	216	946.283	ug/l #	54

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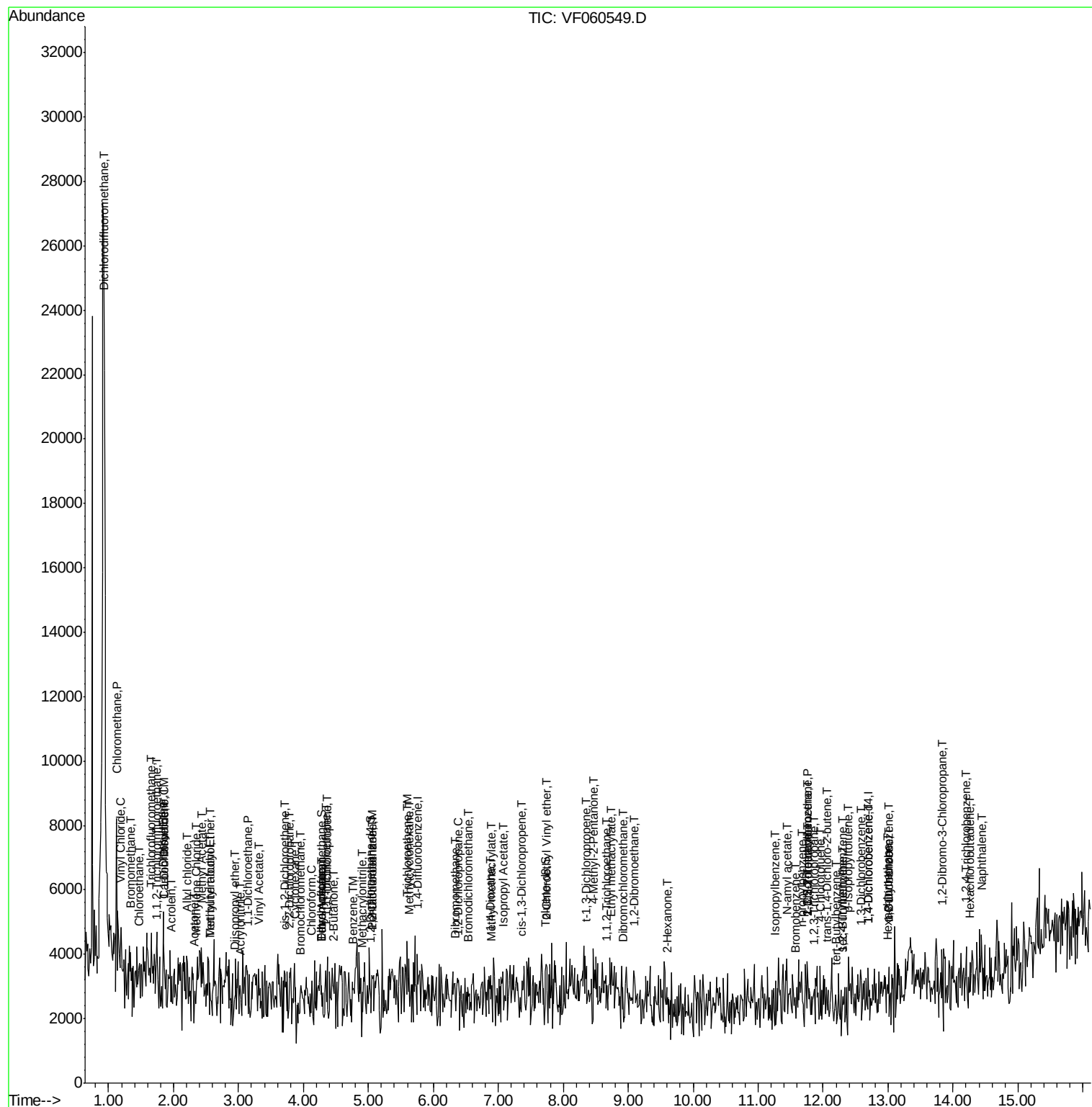
42) 1,2-Dichloroethane	5.06	62	218	191.904	ug/l	78
43) Isopropyl Acetate	7.09	43	120	248.267	ug/l #	43
44) Trichloroethene	5.60	130	233	294.628	ug/l	42
45) 1,2-Dichloropropane	6.39	63	168	275.181	ug/l #	42
46) Dibromomethane	6.35	93	60	125.154	ug/l #	9
47) Bromodichloromethane	6.54	83	118	95.923	ug/l #	24
48) Methyl methacrylate	6.90	41	142	425.924	ug/l #	14
49) 1,4-Dioxane	6.87	88	76	24505.148	ug/l #	50
51) 4-Methyl-2-Pentanone	8.47	43	139	397.007	ug/l #	35
53) t-1,3-Dichloropropene	8.37	75	128	133.202	ug/l #	44
54) cis-1,3-Dichloropropene	7.36	75	66	57.954	ug/l #	26
55) 1,1,2-Trichloroethane	8.67	97	83	174.418	ug/l #	15
56) Ethyl methacrylate	8.75	69	146	273.428	ug/l #	22
58) 2-Chloroethyl Vinyl ether	7.73	63	72	1308.329	ug/l	100
59) 2-Hexanone	9.62	43	83	332.341	ug/l #	29
60) Dibromochloromethane	8.93	129	83	108.272	ug/l #	10
61) 1,2-Dibromoethane	9.09	107	60	108.900	ug/l #	70
73) Isopropylbenzene	11.25	105	66	10.529	ug/l #	51
74) N-amyl acetate	11.44	43	297	236.600	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	11.76	83	102	97.518	ug/l #	9
76) 1,2,3-Trichloropropane	11.86	75	77	97.862	ug/l #	41
77) Bromobenzene	11.57	156	85	61.633	ug/l #	1
78) n-propylbenzene	11.66	91	241	32.415	ug/l #	55
79) 2-Chlorotoluene	11.76	91	67	15.056	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.77	105	149	27.510	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.04	75	77	224.046	ug/l #	57
82) 4-Chlorotoluene	11.96	91	75	16.256	ug/l #	44
83) tert-Butylbenzene	12.21	119	62	11.813	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.31	105	77	13.996	ug/l #	32
85) sec-Butylbenzene	12.31	105	77	10.468	ug/l #	58
86) p-Isopropyltoluene	12.40	119	62	10.270	ug/l #	48
87) 1,3-Dichlorobenzene	12.59	146	83	30.150	ug/l #	23
88) 1,4-Dichlorobenzene	12.69	146	78	30.021	ug/l #	22
89) n-Butylbenzene	13.01	91	73	7.415	ug/l #	28
90) Hexachloroethane	12.99	117	79	50.699	ug/l #	23
91) 1,2-Dichlorobenzene	13.01	146	62	23.905	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.83	75	96	442.653	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.20	180	61	31.400	ug/l #	12
94) Hexachlorobutadiene	14.26	225	60	43.620	ug/l #	20
95) Naphthalene	14.43	128	80	23.280	ug/l #	69

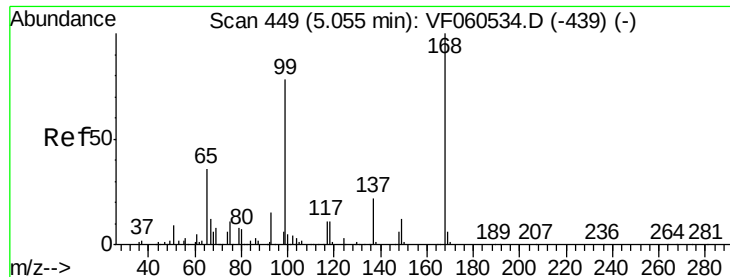
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 448

Delta R.T. -0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

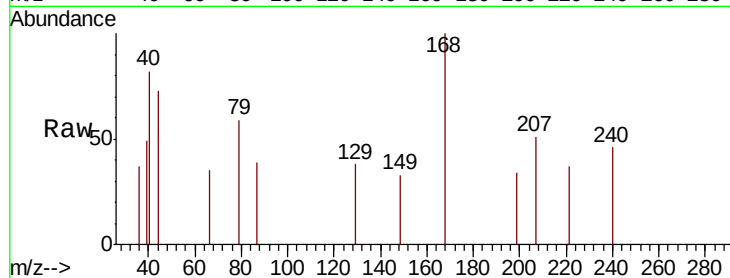
SB-2

Tot Ion:168 Resp: 360

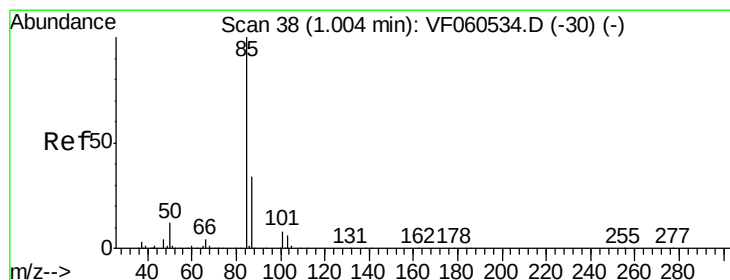
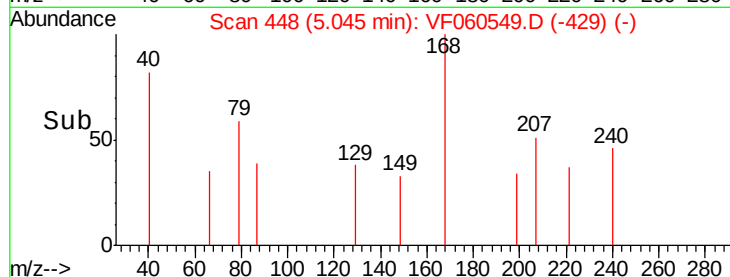
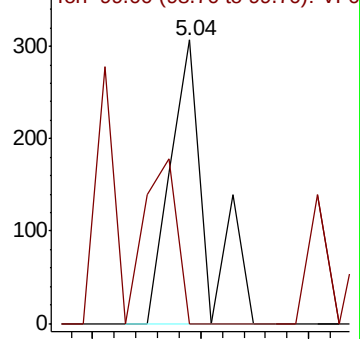
Ion Ratio Lower Upper

168 100

99 0.0 62.6 93.8#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 12.646 ug/l

RT: 0.93 min Scan# 31

Delta R.T. -0.07 min

Lab File: VF060549.D

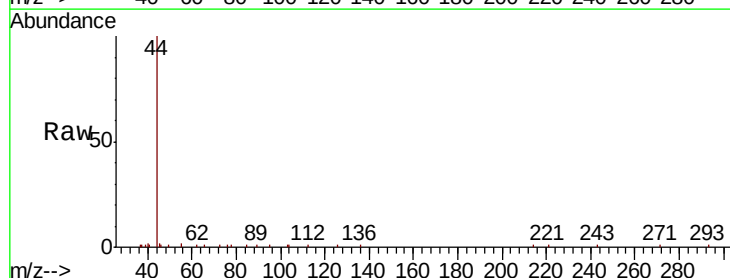
Acq: 30 Oct 2018 17:17

Tgt Ion: 85 Resp: 98

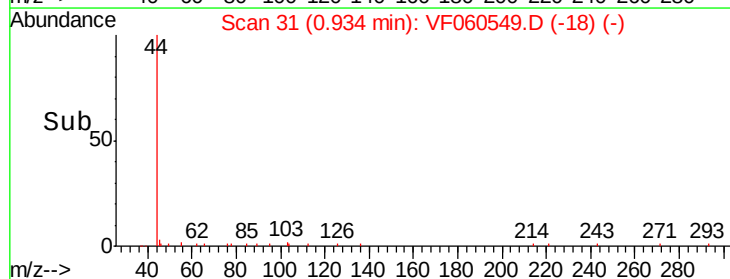
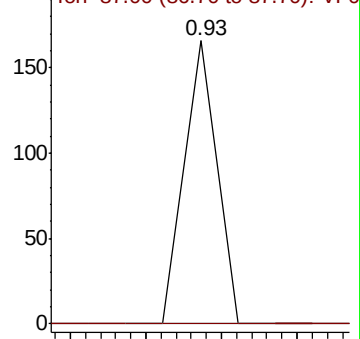
Ion Ratio Lower Upper

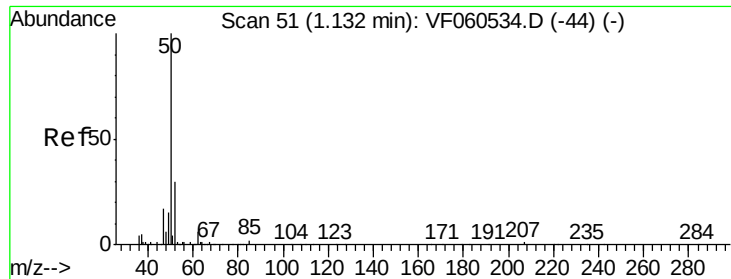
85 100

87 0.0 16.9 50.7#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 22.610 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

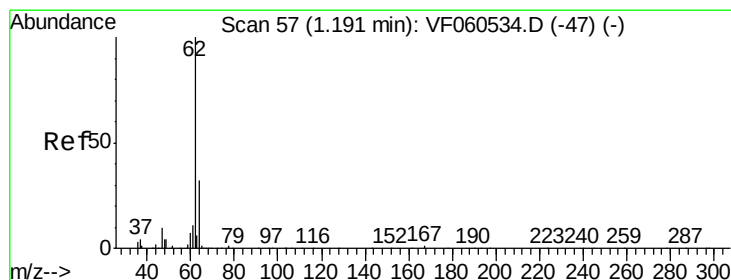
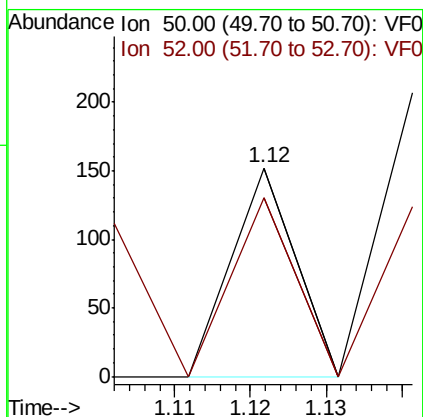
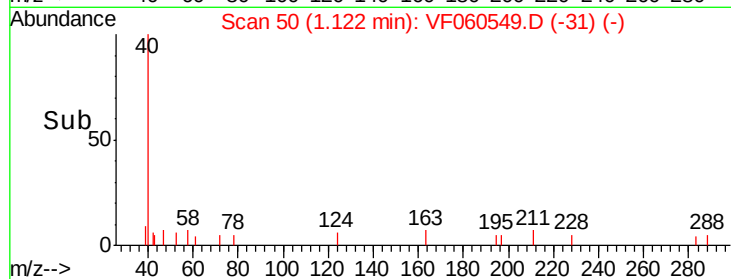
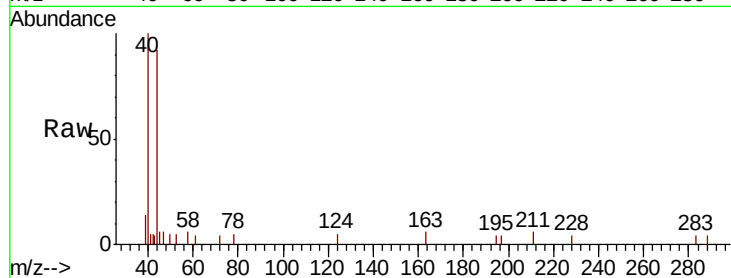
SB-2

Tot Ion: 50 Resp: 90

Ion Ratio Lower Upper

50 100

52 85.5 22.8 34.2#



#4

Vinyl Chloride

Concen: 21.547 ug/l

RT: 1.20 min Scan# 58

Delta R.T. 0.01 min

Lab File: VF060549.D

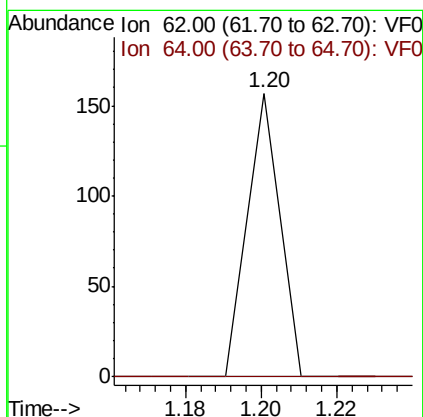
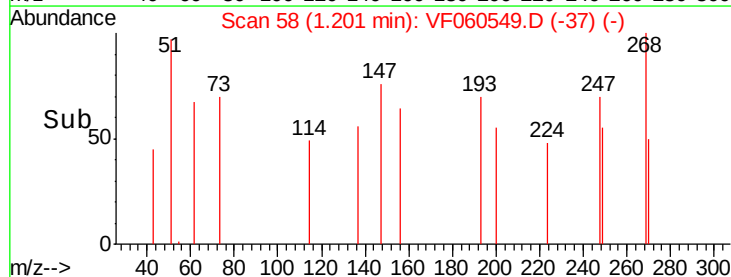
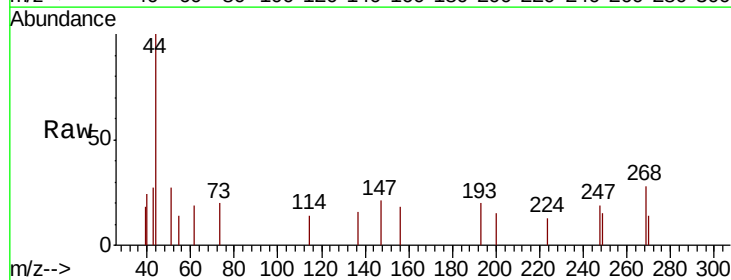
Acq: 30 Oct 2018 17:17

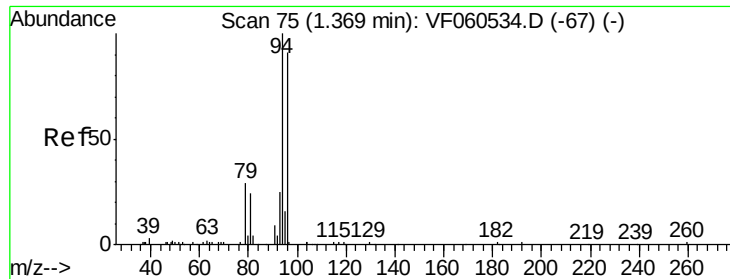
Tgt Ion: 62 Resp: 93

Ion Ratio Lower Upper

62 100

64 0.0 25.3 37.9#





#5

Bromomethane

Concen: 20.636 ug/l

RT: 1.35 min Scan# 73

Delta R.T. -0.02 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

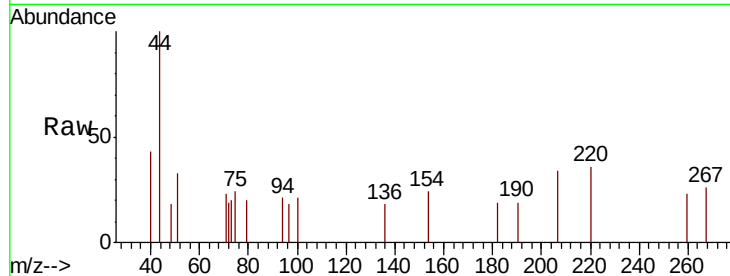
SB-2

Tot Ion: 94 Resp: 70

Ion Ratio Lower Upper

94 100

96 87.3 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

150

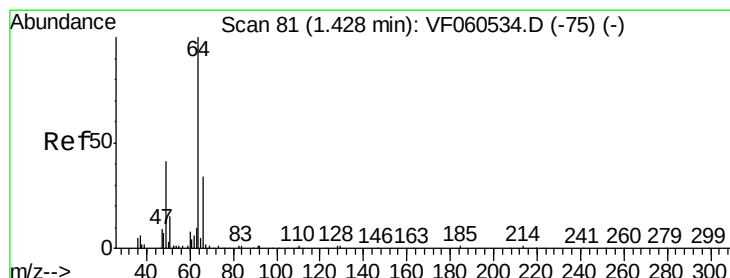
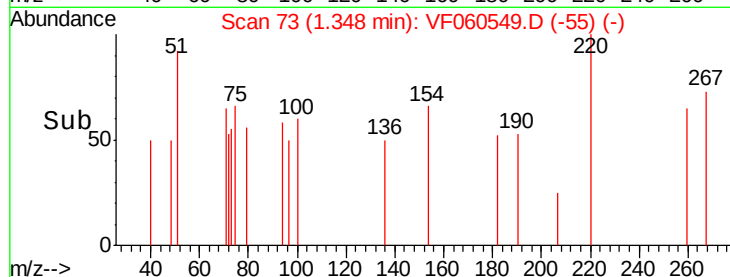
100

50

0

1.32 1.34 1.36 1.38

Time-->



#6

Chloroethane

Concen: 33.374 ug/l

RT: 1.46 min Scan# 84

Delta R.T. 0.03 min

Lab File: VF060549.D

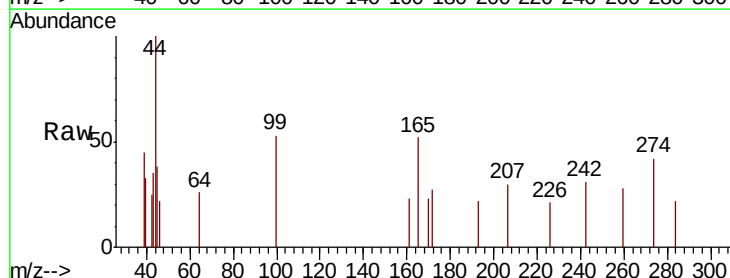
Acq: 30 Oct 2018 17:17

Tgt Ion: 64 Resp: 75

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

150

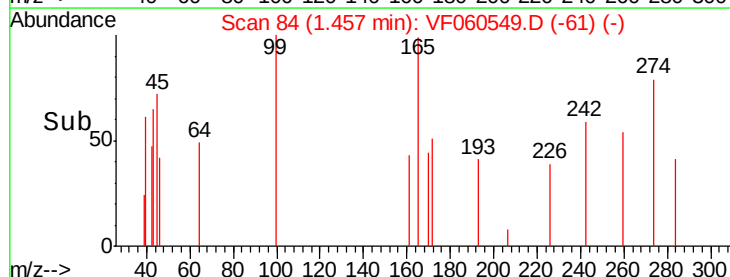
100

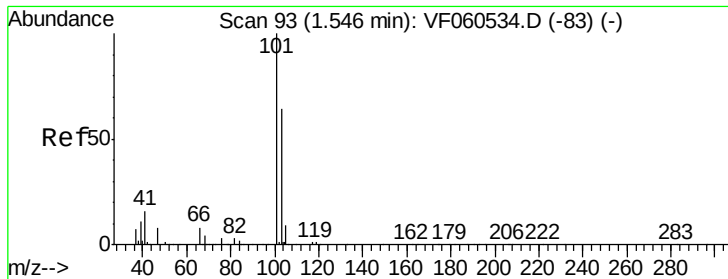
50

0

1.42 1.44 1.46 1.48

Time-->



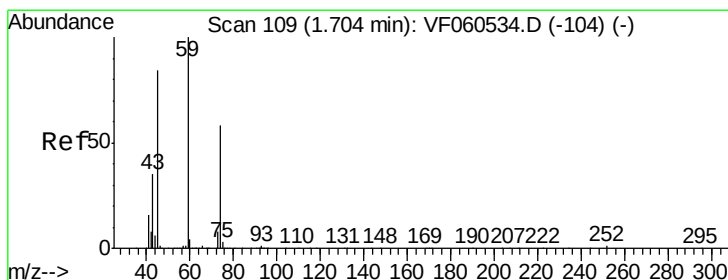
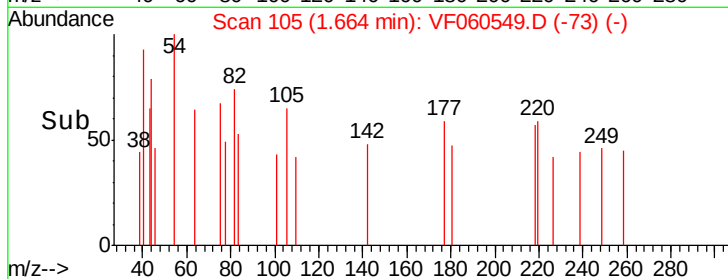
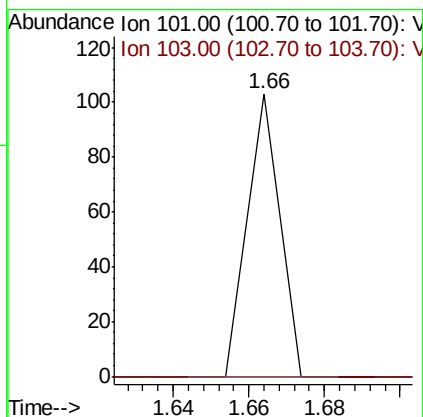
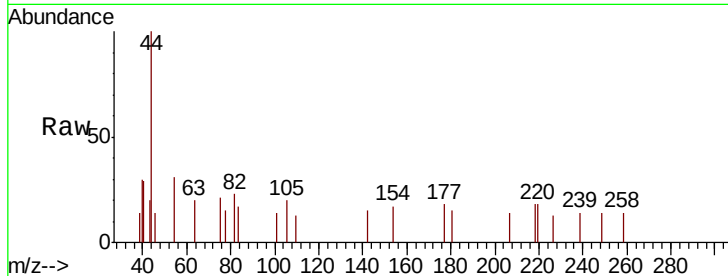


#7

Trichlorofluoromethane
 Concen: 5.866 ug/l
 RT: 1.66 min Scan# 105
 Delta R.T. 0.12 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Instrument :
 MSVOA_F
 ClientSampled :
 SB-2

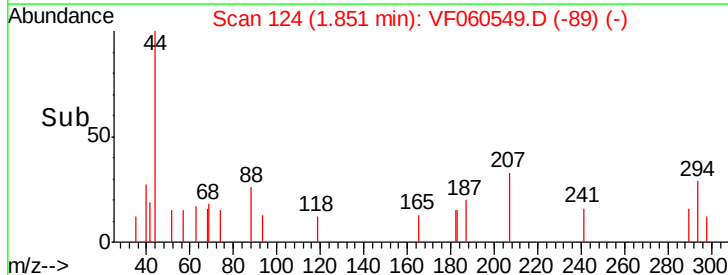
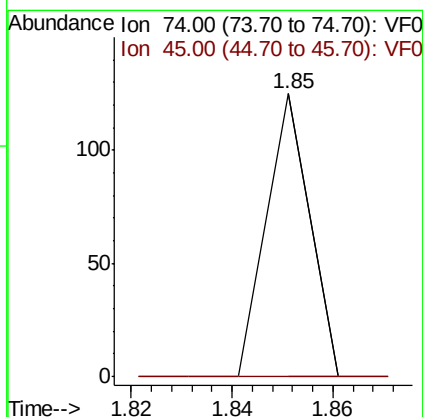
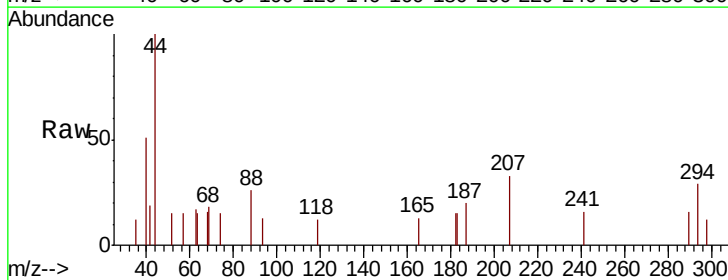
Tot Ion:101 Resp: 61
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.6 77.4#

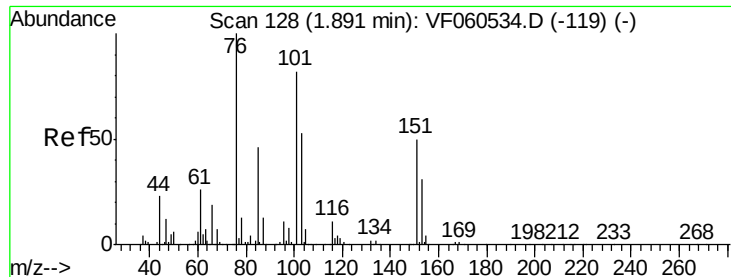


#8

Diethyl Ether
 Concen: 56.740 ug/l
 RT: 1.85 min Scan# 124
 Delta R.T. 0.15 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Tgt Ion: 74 Resp: 74
 Ion Ratio Lower Upper
 74 100
 45 0.0 72.9 218.6#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.241 ug/l

RT: 1.72 min Scan# 111

Delta R.T. -0.17 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

SB-2

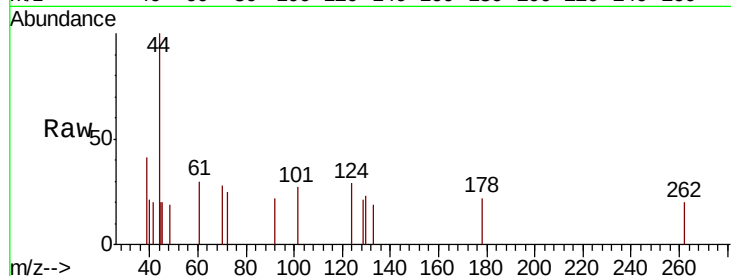
Tot Ion:101 Resp: 87

Ion Ratio Lower Upper

101 100

85 0.0 44.6 67.0#

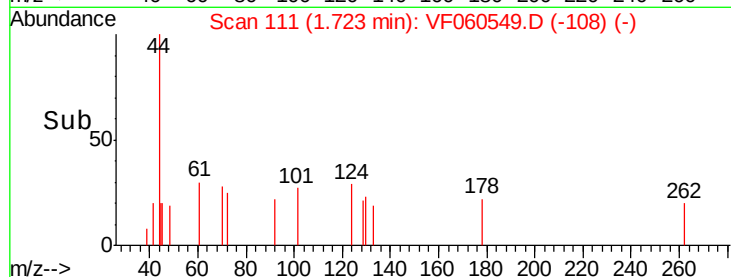
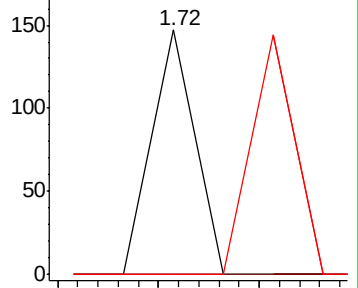
151 0.0 48.4 72.6#



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



#11

Tert butyl alcohol

Concen: 312.706 ug/l

RT: 2.56 min Scan# 196

Delta R.T. -0.13 min

Lab File: VF060549.D

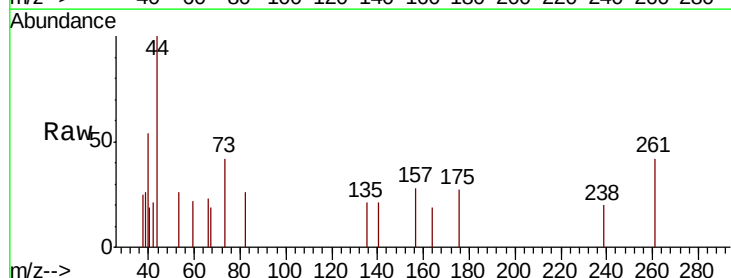
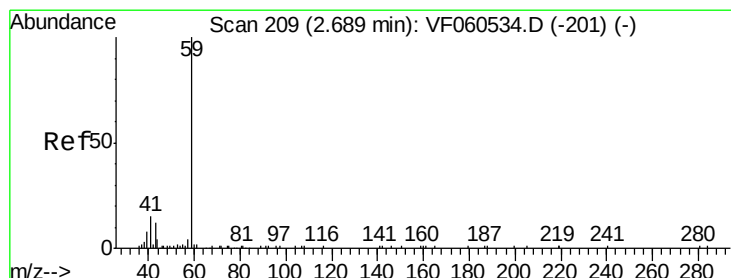
Acq: 30 Oct 2018 17:17

Tgt Ion: 59 Resp: 69

Ion Ratio Lower Upper

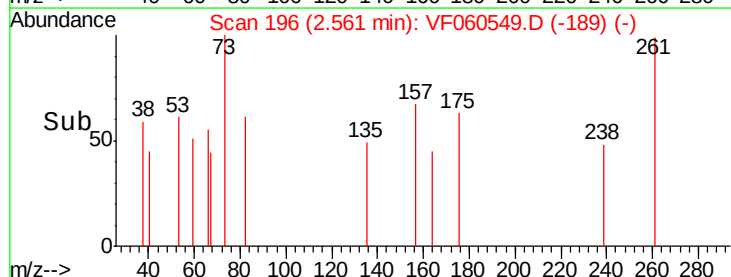
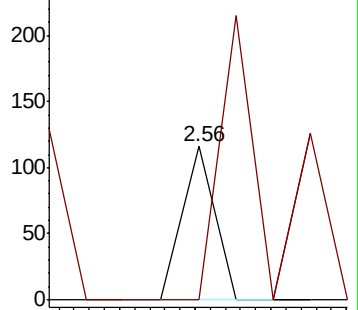
59 100

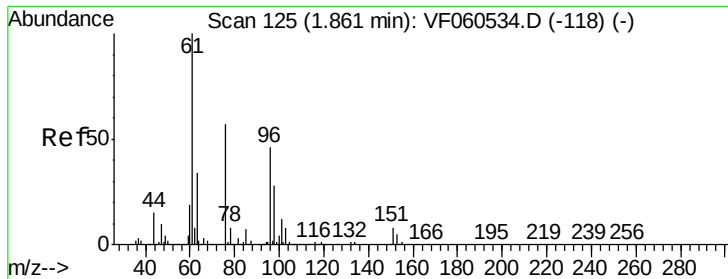
57 0.0 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#12

1,1-Dichloroethene

Concen: 14.831 ug/l

RT: 1.86 min Scan# 125

Delta R.T. -0.00 min

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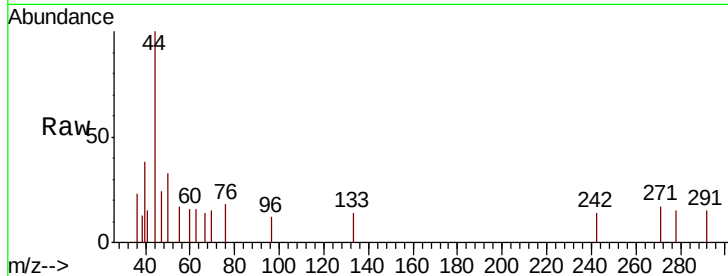
Tot Ion: 96 Resp: 60

Ion Ratio Lower Upper

96 100

61 0.0 175.4 263.2#

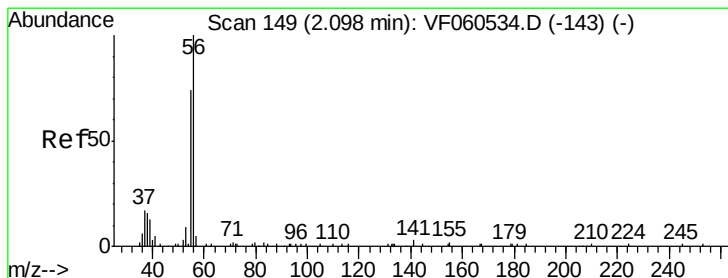
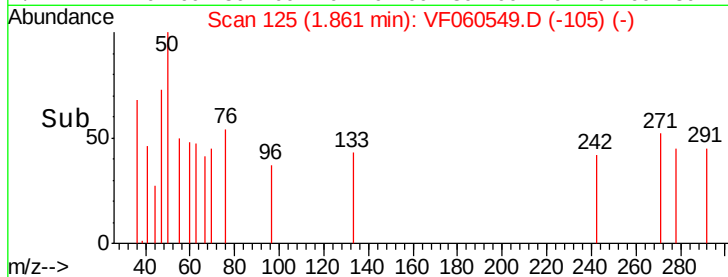
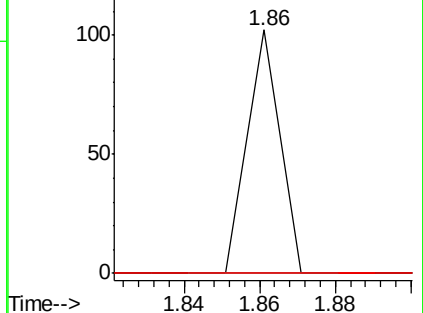
98 0.0 48.9 73.3#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#13

Acrolein

Concen: 323.008 ug/l

RT: 1.97 min Scan# 136

Delta R.T. -0.13 min

Lab File: VF060549.D

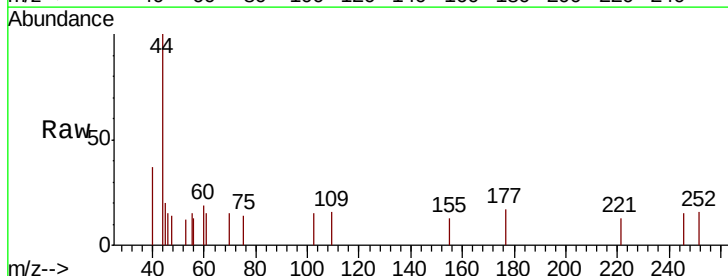
Acq: 30 Oct 2018 17:17

Tgt Ion: 56 Resp: 65

Ion Ratio Lower Upper

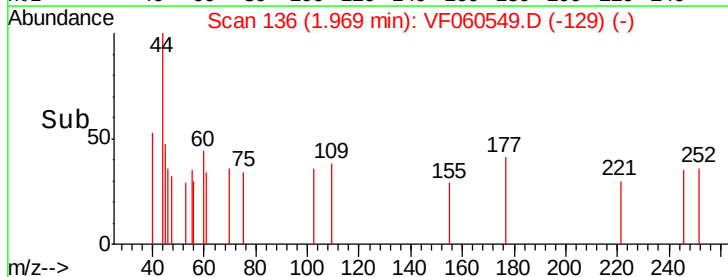
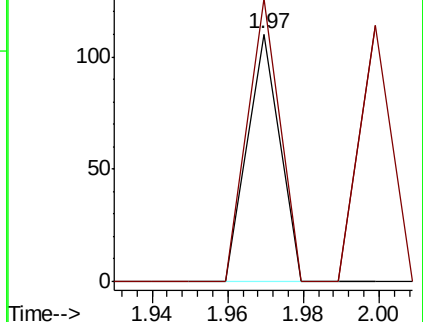
56 100

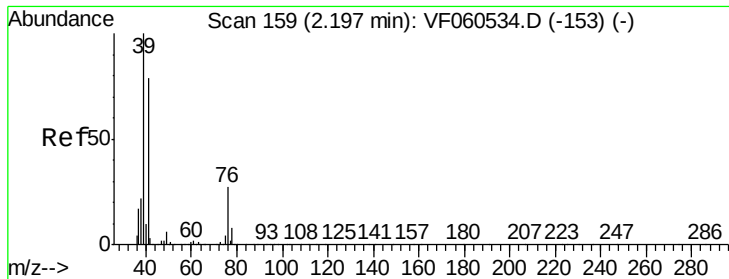
55 114.5 60.4 90.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

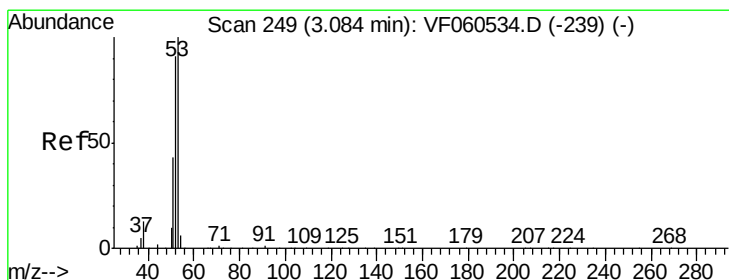
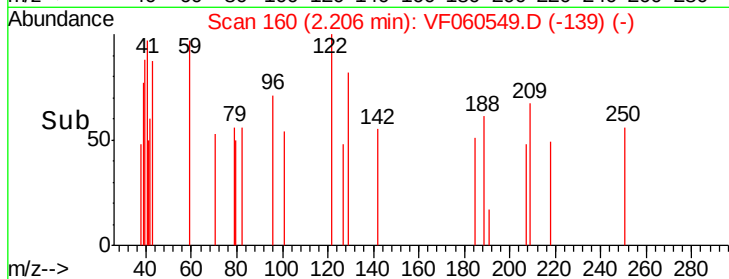
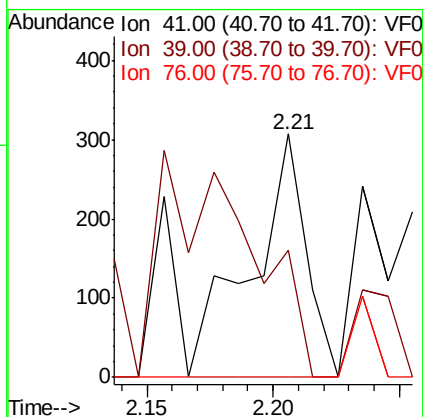
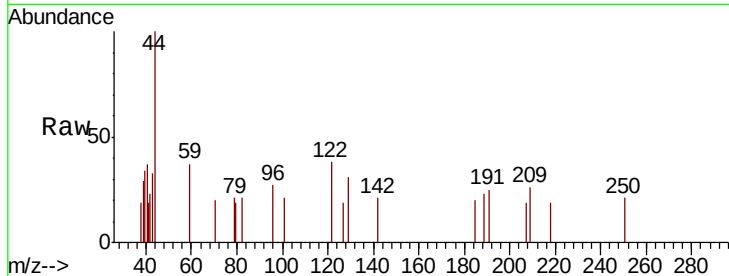




#14
Allvl chloride
Concen: 72.907 ug/l
RT: 2.21 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

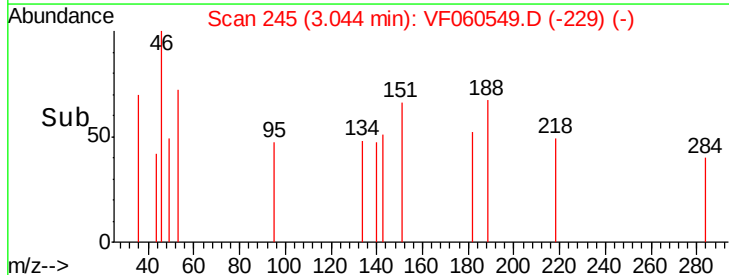
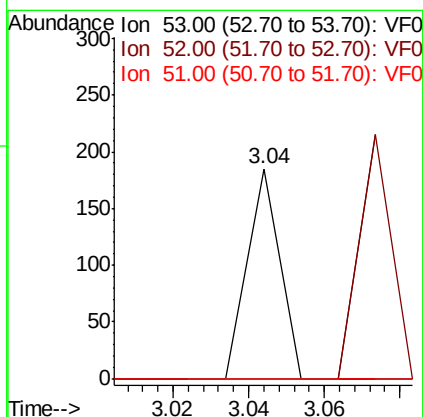
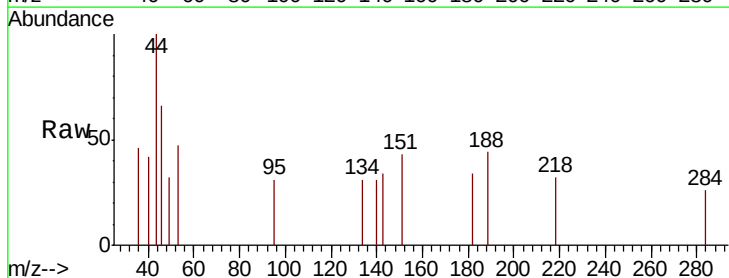
Instrument :
MSVOA_F
ClientSampled :
SB-2

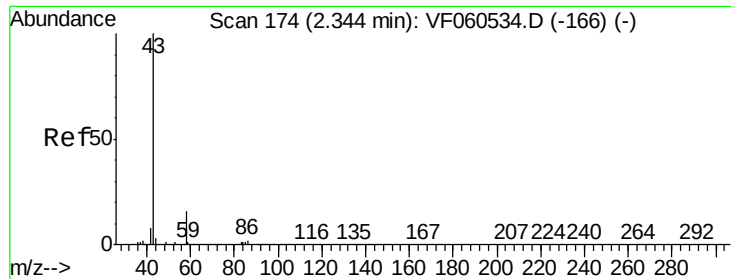
Tot Ion: 41 Resp: 469
Ion Ratio Lower Upper
41 100
39 111.7 100.6 151.0
76 0.0 27.6 41.4#



#15
Acrylonitrile
Concen: 196.307 ug/l
RT: 3.04 min Scan# 245
Delta R.T. -0.04 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 53 Resp: 109
Ion Ratio Lower Upper
53 100
52 0.0 73.2 109.8#
51 0.0 35.0 52.4#





#16

Acetone

Concen: 160.414 ug/l

RT: 2.33 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

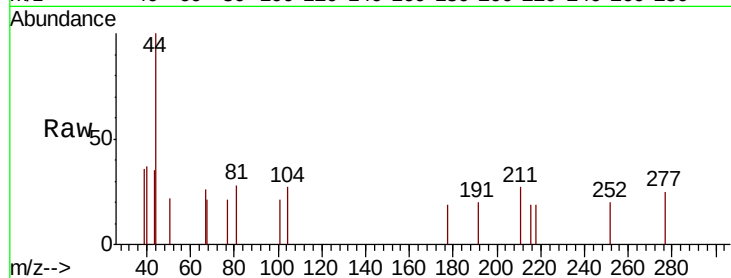
SB-2

Tot Ion: 43 Resp: 175

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

2.33

200

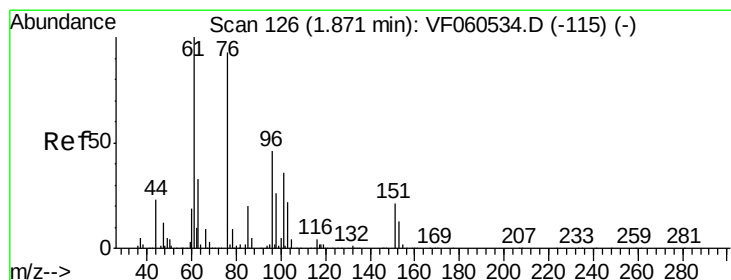
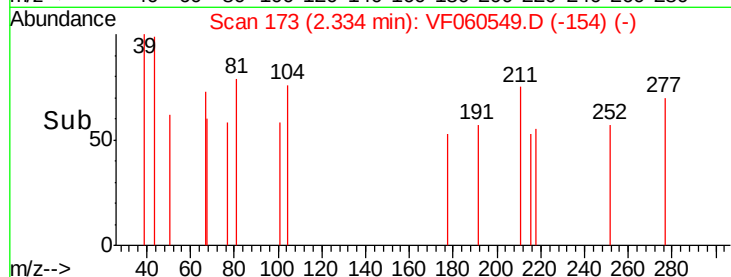
150

100

50

0

Time--> 2.28 2.30 2.32 2.34 2.36



#17

Carbon Disulfide

Concen: 7.827 ug/l

RT: 1.86 min Scan# 125

Delta R.T. -0.01 min

Lab File: VF060549.D

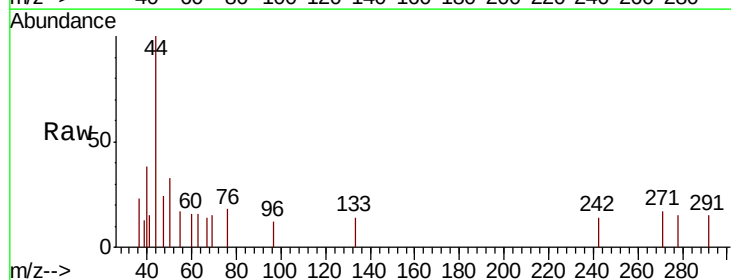
Acq: 30 Oct 2018 17:17

Tgt Ion: 76 Resp: 89

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

1.86

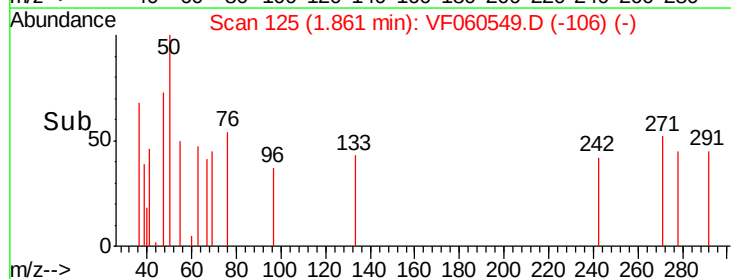
150

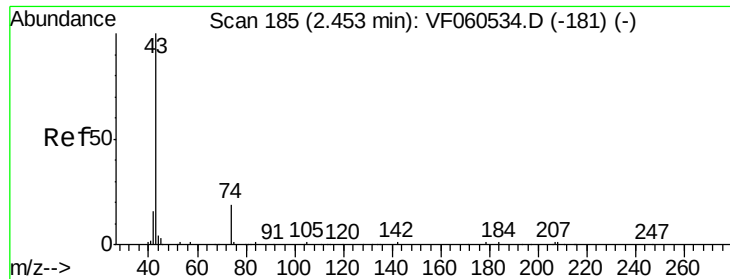
100

50

0

Time--> 1.84 1.86 1.88

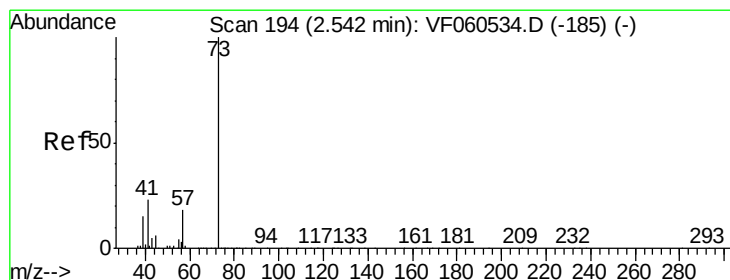
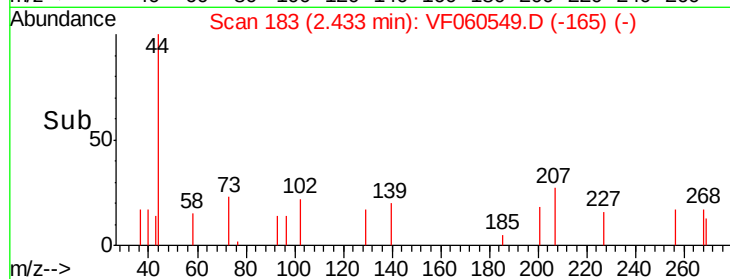
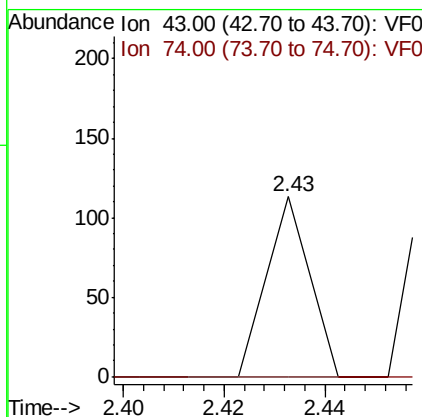
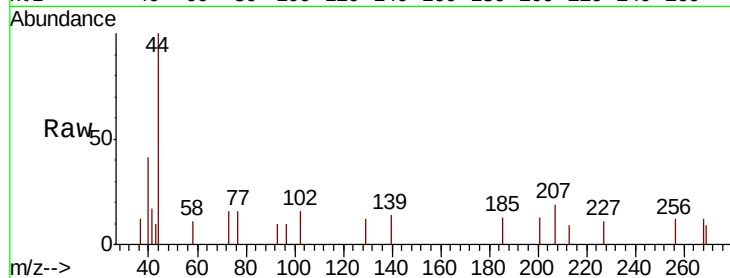




#18
Methyl Acetate
Concen: 39.950 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

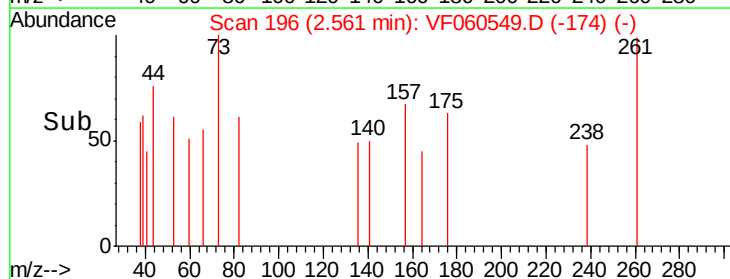
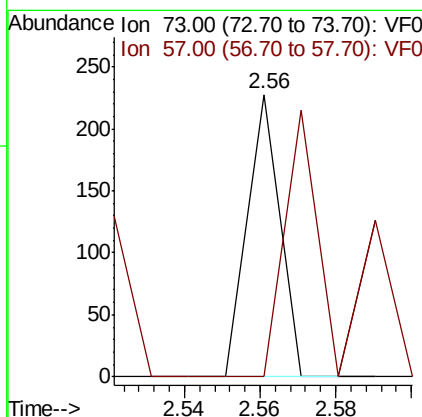
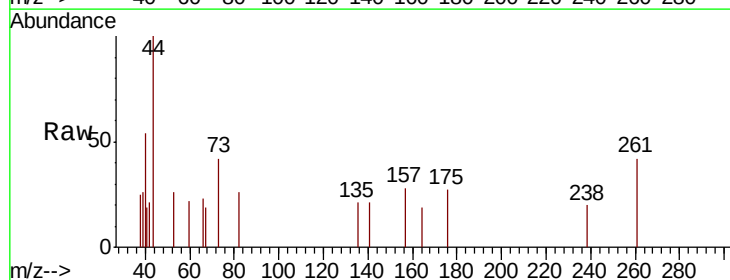
Instrument :
MSVOA_F
ClientSampled :
SB-2

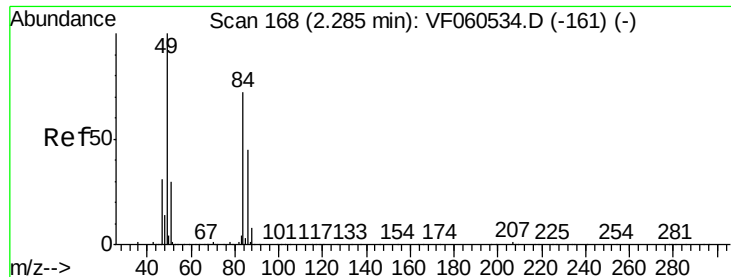
Tot Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 13.5 20.3#



#19
Methyl tert-butyl Ether
Concen: 14.893 ug/l
RT: 2.56 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 73 Resp: 135
Ion Ratio Lower Upper
73 100
57 0.0 14.7 22.1#





#20

Methylene Chloride

Concen: 44.671 ug/l

RT: 2.34 min Scan# 174

Delta R.T. 0.06 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

SB-2

Tot Ion: 84 Resp: 164

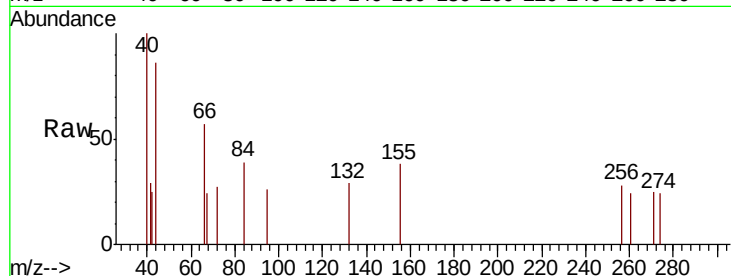
Ion Ratio Lower Upper

84 100

49 0.0 115.4 173.0#

51 0.0 35.4 53.2#

86 0.0 50.9 76.3#

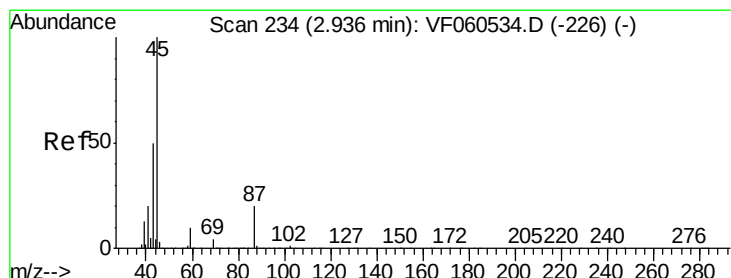
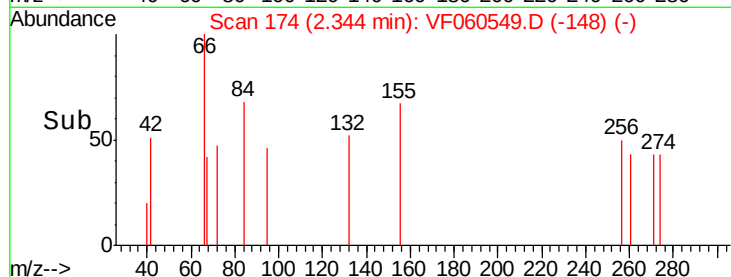
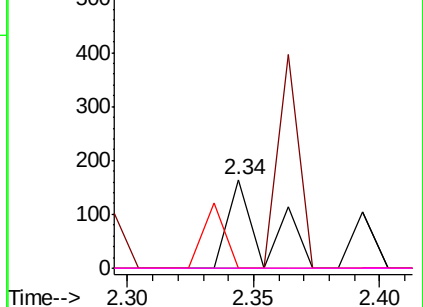


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#22

Diisopropyl ether

Concen: 7.018 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.00 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Tgt Ion: 45 Resp: 82

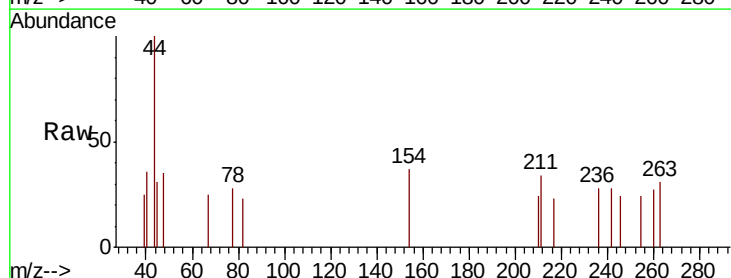
Ion Ratio Lower Upper

45 100

43 0.0 40.6 60.8#

87 0.0 15.9 23.9#

59 0.0 8.0 12.0#

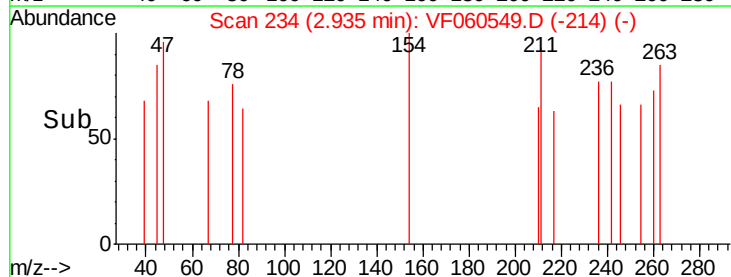
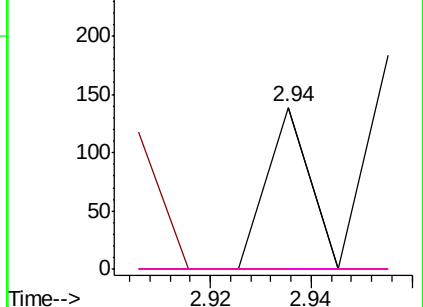


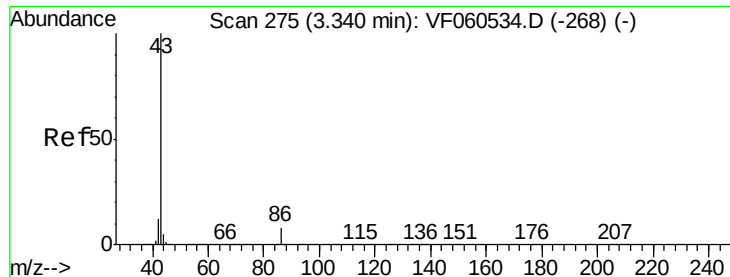
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 70.367 ug/l

RT: 3.31 min Scan# 272

Delta R.T. -0.03 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

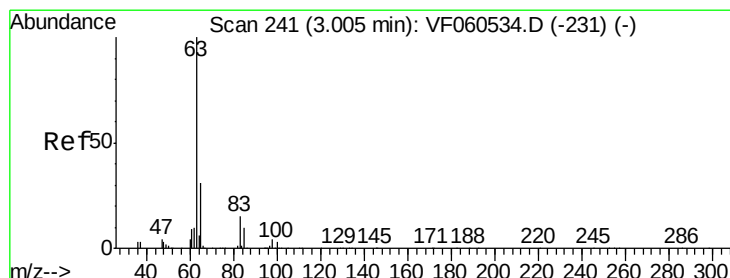
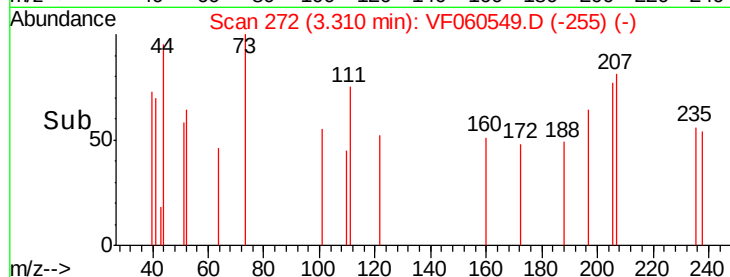
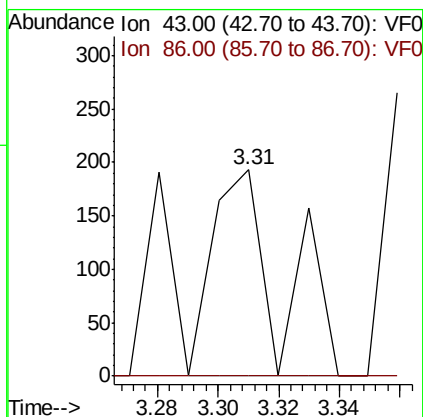
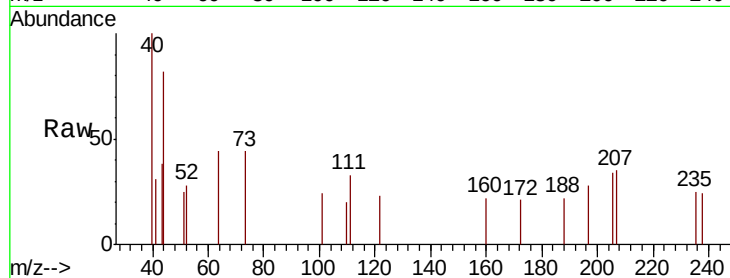
SB-2

Tot Ion: 43 Resp: 305

Ion Ratio Lower Upper

43 100

86 0.0 6.2 9.2#



#24

1,1-Dichloroethane

Concen: 8.539 ug/l

RT: 3.14 min Scan# 255

Delta R.T. 0.14 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

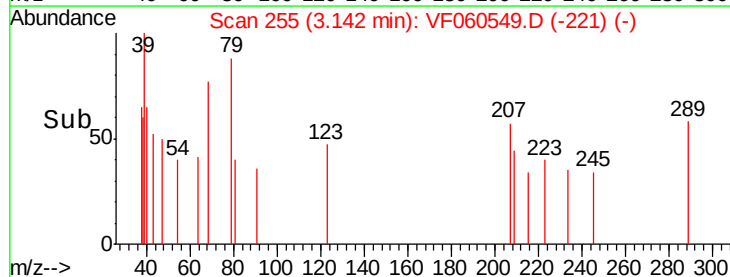
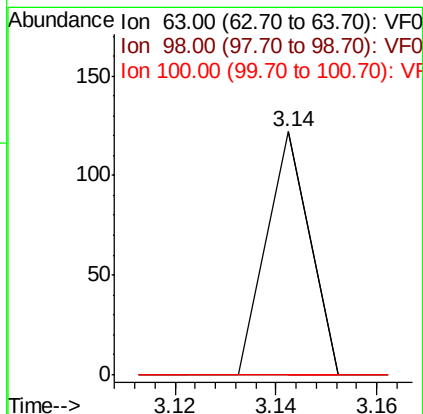
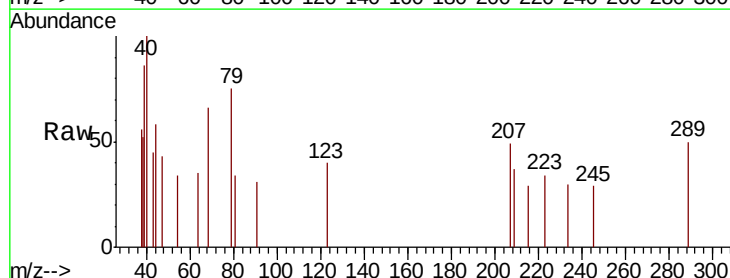
Tgt Ion: 63 Resp: 72

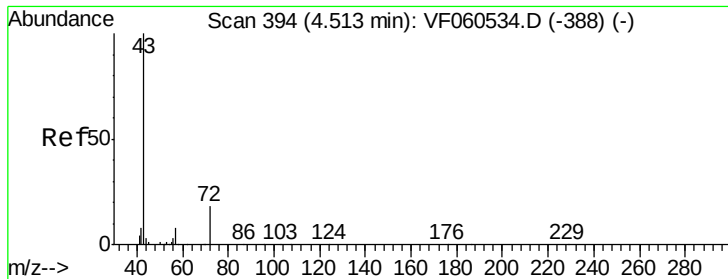
Ion Ratio Lower Upper

63 100

98 0.0 2.0 6.0#

100 0.0 1.4 4.0#





#25

2-Butanone

Concen: 367.363 ug/l

RT: 4.46 min Scan# 389

Delta R.T. -0.05 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

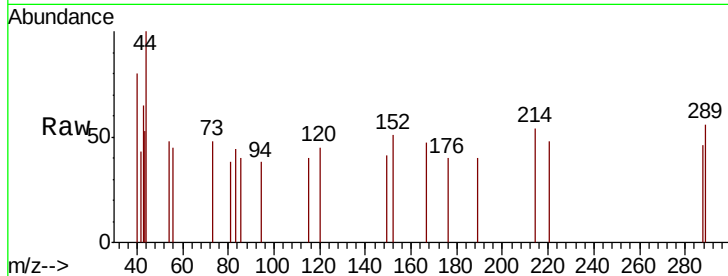
SB-2

Tot Ion: 43 Resp: 461

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

4.46

300

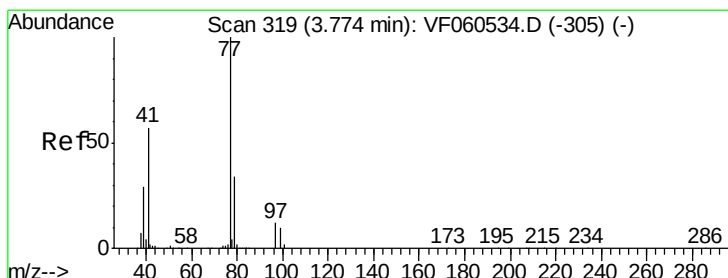
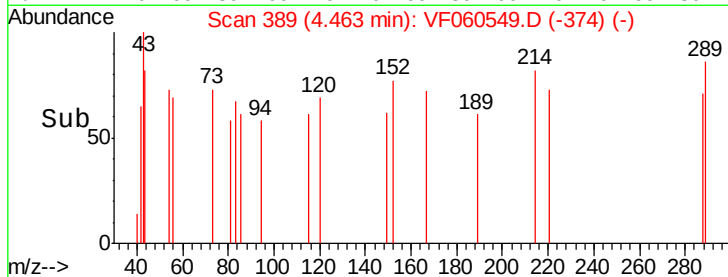
200

100

0

4.44 4.46 4.48

Time-->



#26

2,2-Dichloropropane

Concen: 31.107 ug/l

RT: 3.77 min Scan# 319

Delta R.T. -0.00 min

Lab File: VF060549.D

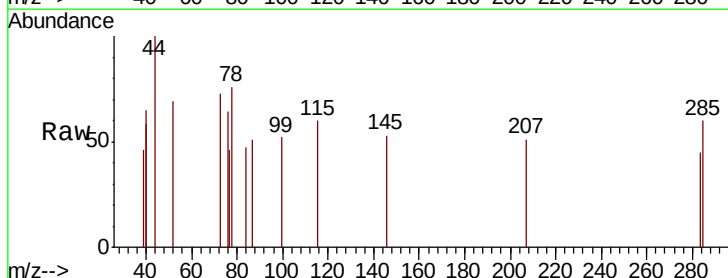
Acq: 30 Oct 2018 17:17

Tgt Ion: 77 Resp: 163

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

3.77

300

250

200

150

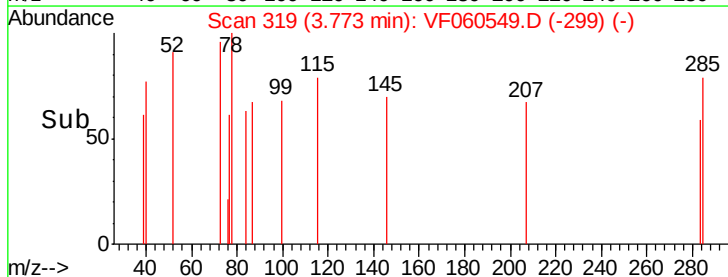
100

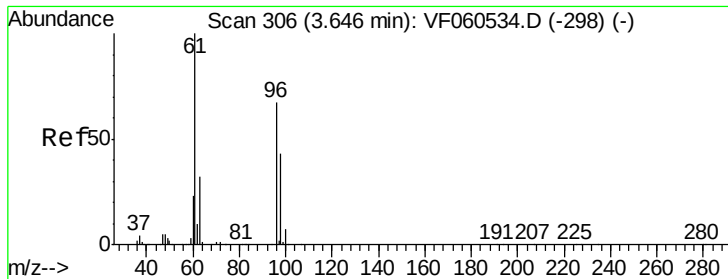
50

0

3.74 3.76 3.78 3.80

Time-->



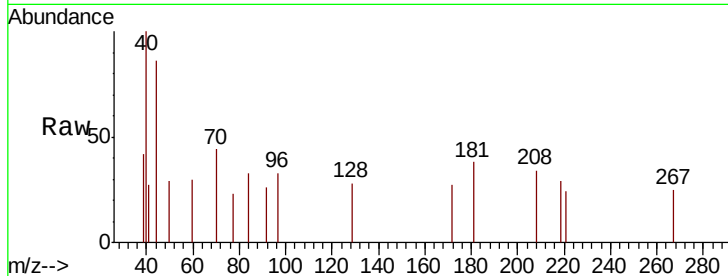


#27

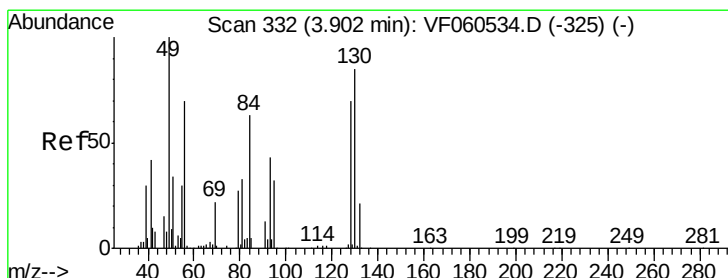
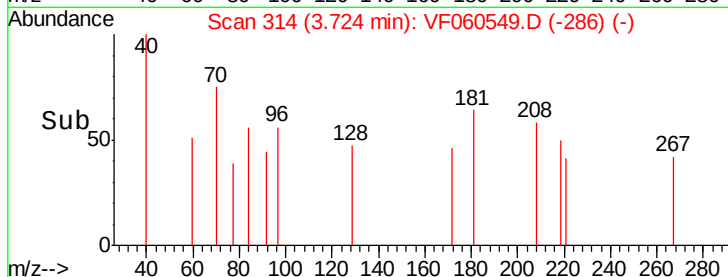
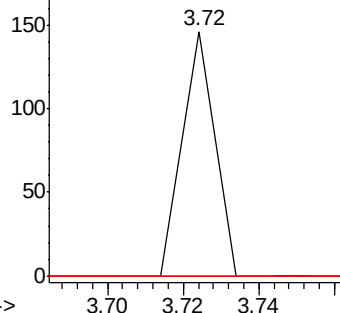
cis-1,2-Dichloroethene
 Concen: 17.237 ug/l
 RT: 3.72 min Scan# 314
 Delta R.T. 0.08 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Instrument :
 MSVOA_F
 ClientSampled :
 SB-2

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



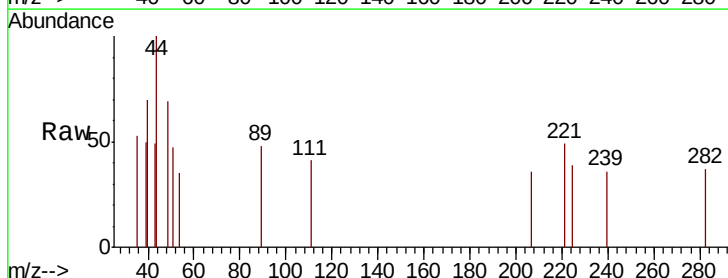
Abundance Ion 96.00 (95.70 to 96.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



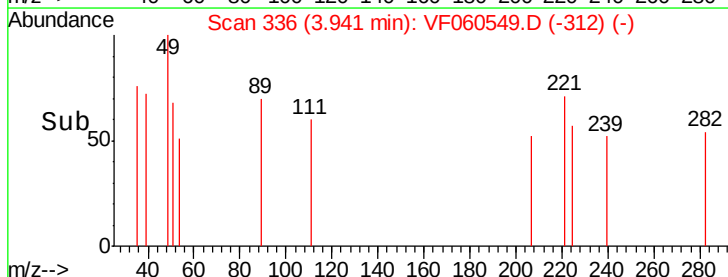
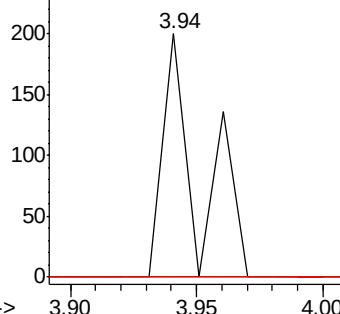
#28

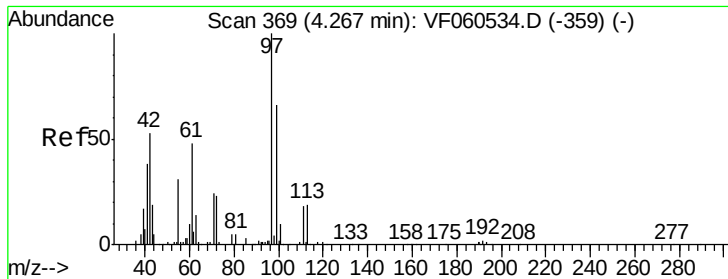
Bromochloromethane
 Concen: 65.521 ug/l
 RT: 3.94 min Scan# 336
 Delta R.T. 0.04 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	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: 222.603 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

SB-2

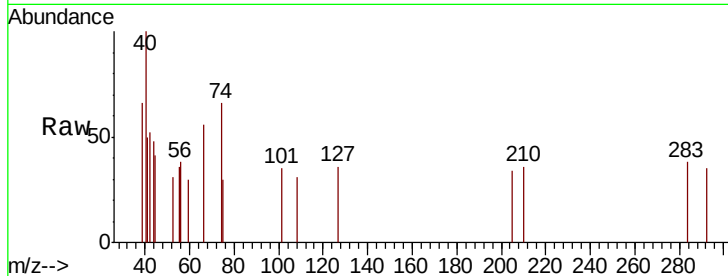
Tot Ion: 42 Resp: 104

Ion Ratio Lower Upper

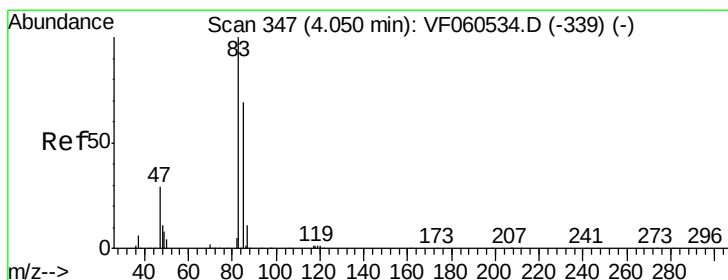
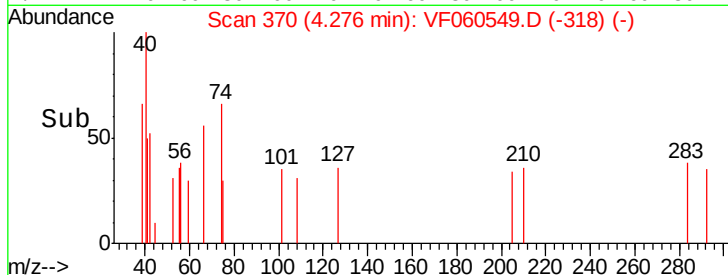
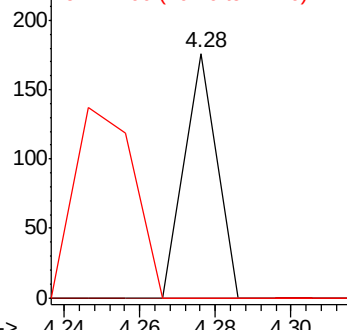
42 100

72 0.0 32.5 48.7#

71 0.0 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: 7.513 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.08 min

Lab File: VF060549.D

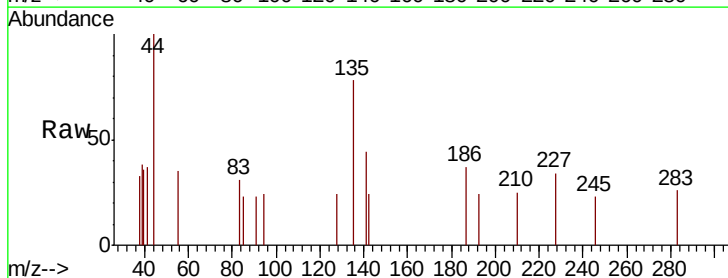
Acq: 30 Oct 2018 17:17

Tgt Ion: 83 Resp: 80

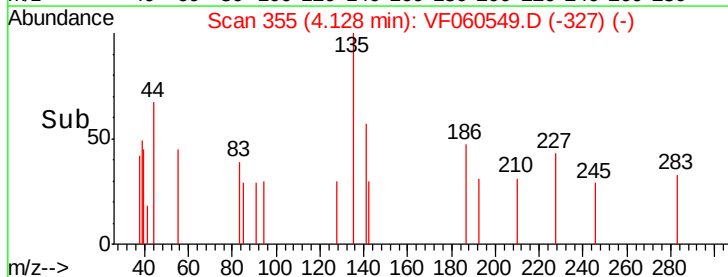
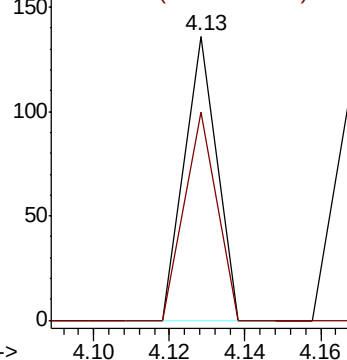
Ion Ratio Lower Upper

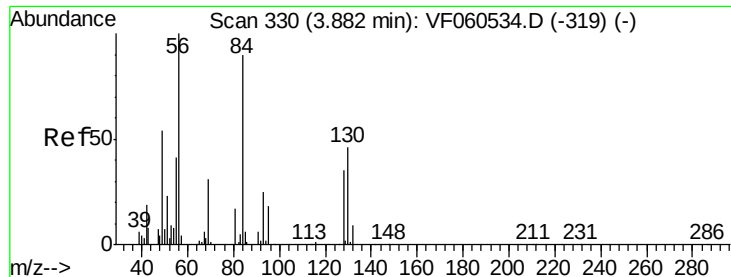
83 100

85 73.5 55.0 82.4



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0

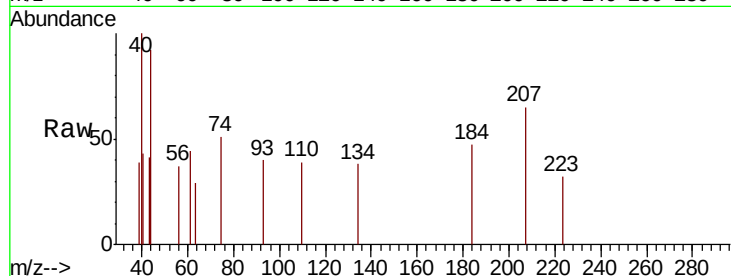




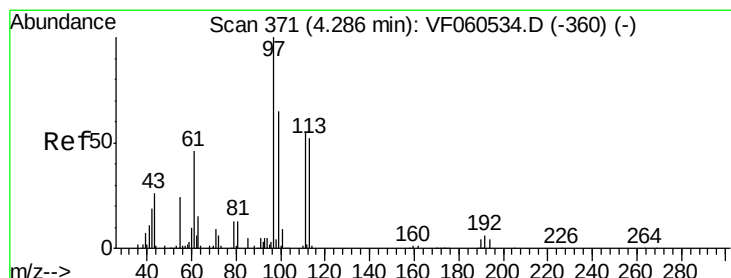
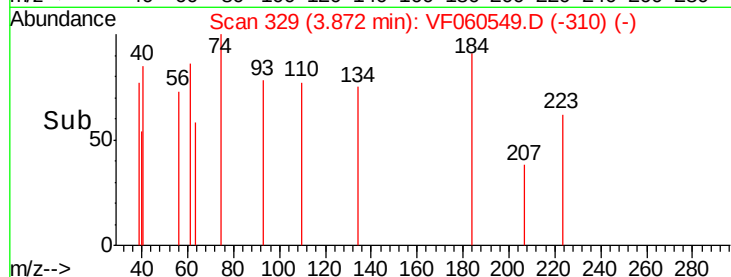
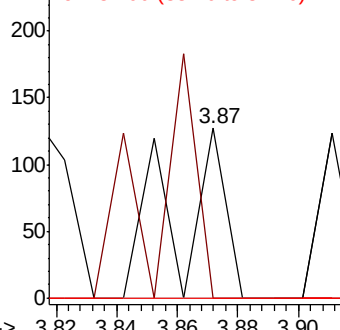
#31
Cyclohexane
Concen: 24.251 ug/l
RT: 3.87 min Scan# 329
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampled :
SB-2

Tot Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
69 0.0 25.0 37.6#
84 0.0 72.1 108.1#

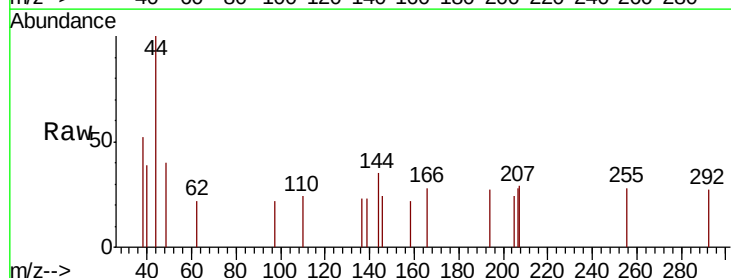


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

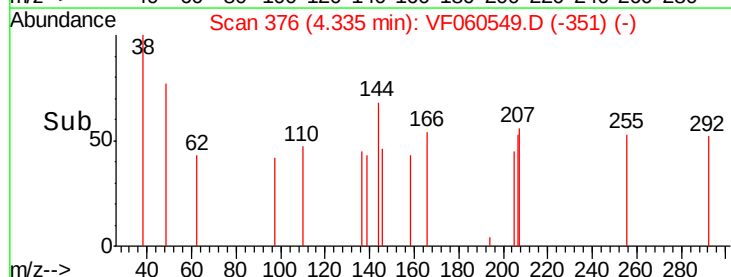
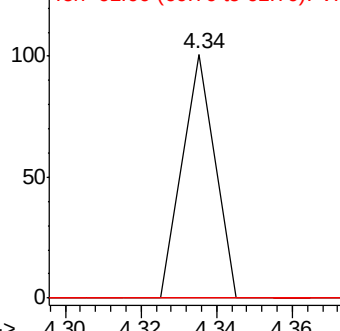


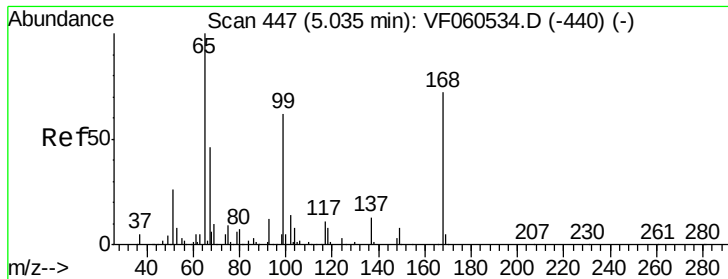
#32
1,1,1-Trichloroethane
Concen: 6.815 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.05 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 97 Resp: 60
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

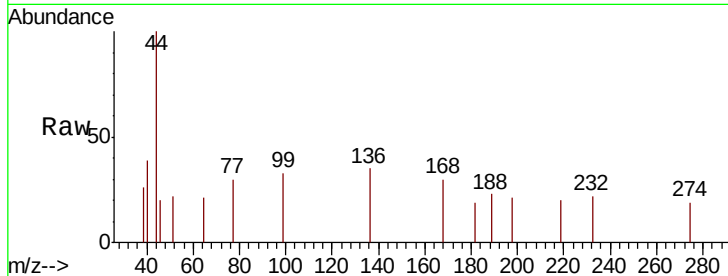




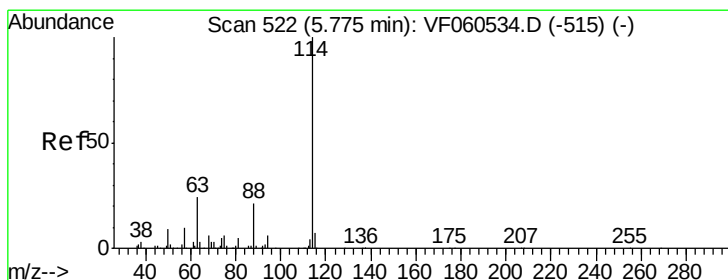
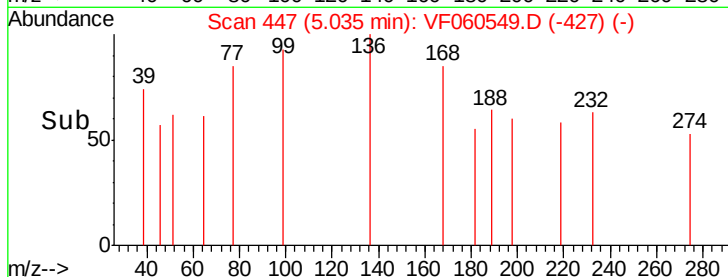
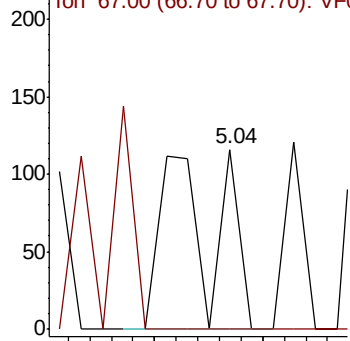
#33
 1,2-Dichloroethane-d4
 Concen: 36.018 ug/l
 RT: 5.04 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Instrument :
 MSVOA_F
 ClientSampled :
 SB-2

Tot Ion: 65 Resp: 200
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 94.4

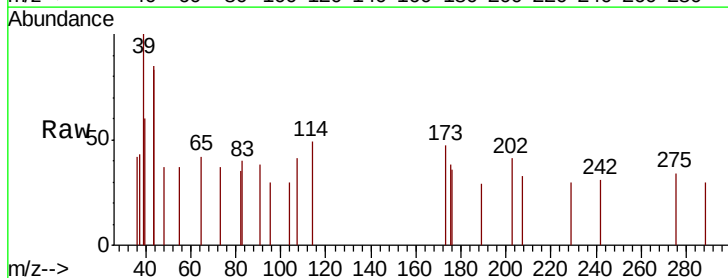


Abundance Ion 65.00 (64.70 to 65.70): VF0
 Ion 67.00 (66.70 to 67.70): VF0

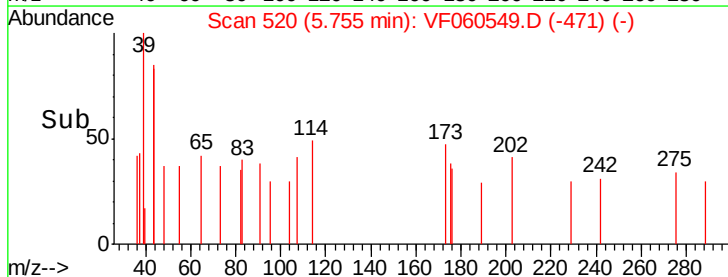
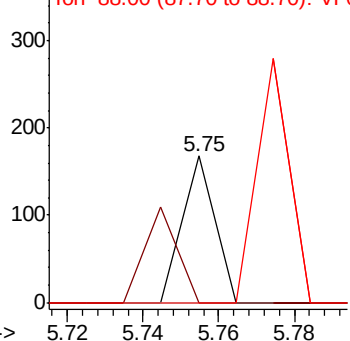


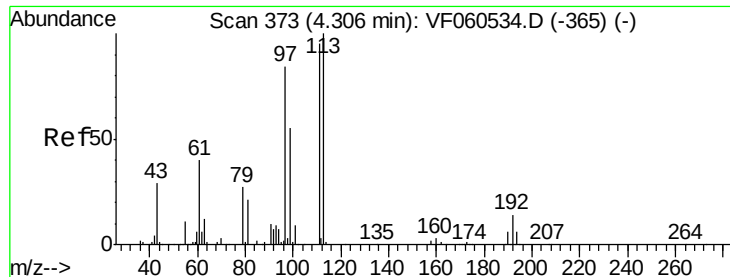
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Tgt Ion: 114 Resp: 99
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 48.0
 88 0.0 0.0 42.0



Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

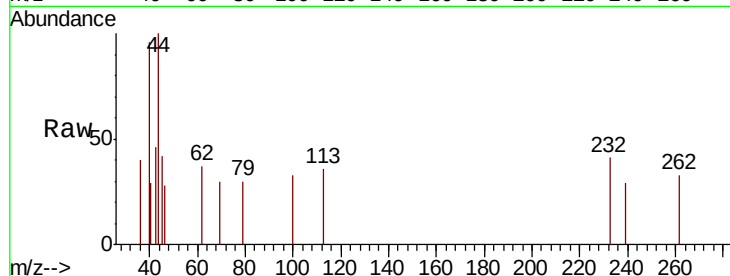




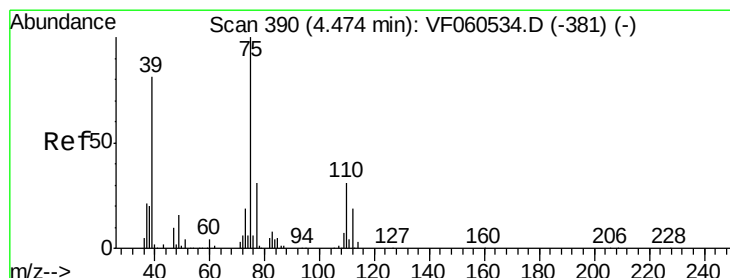
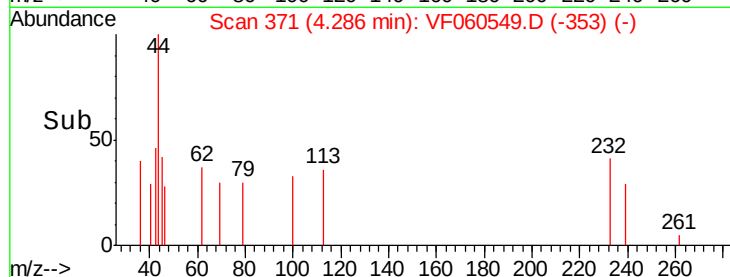
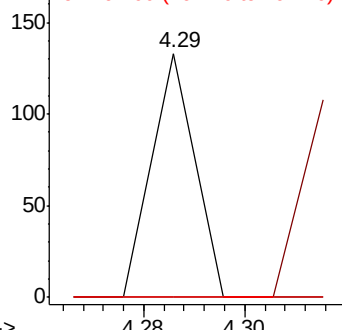
#35
 Dibromofluoromethane
 Concen: 83.160 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.02 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2

Tot Ion:113 Resp: 79
 Ion Ratio Lower Upper
 113 100
 111 0.0 75.9 113.9#
 192 0.0 11.2 16.8#

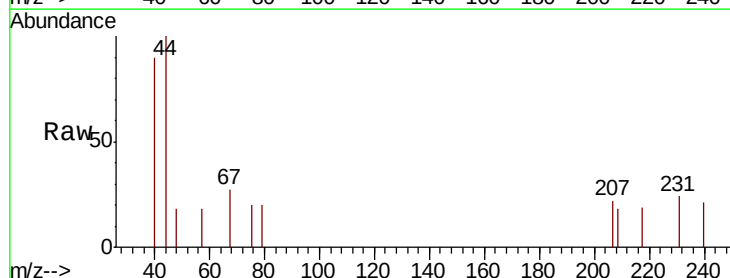


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

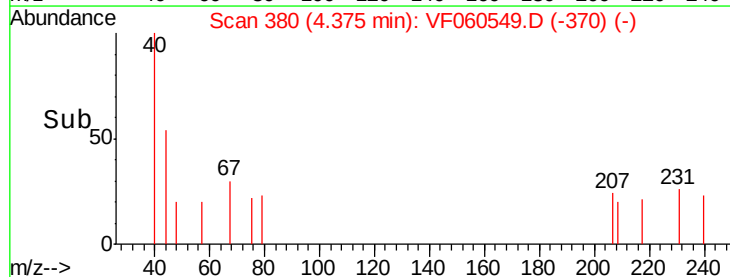
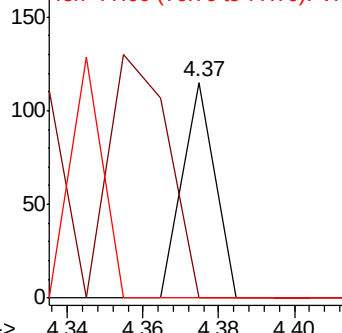


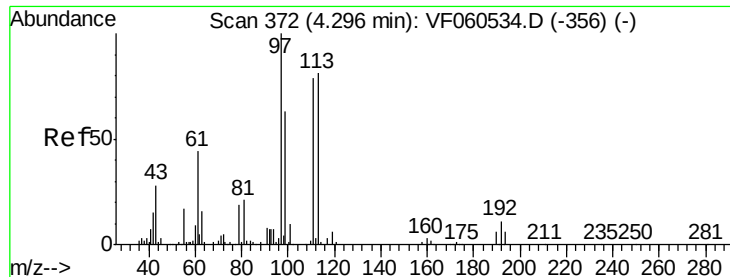
#36
 1,1-Dichloropropene
 Concen: 55.128 ug/l
 RT: 4.37 min Scan# 380
 Delta R.T. -0.10 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Tgt Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 110 0.0 15.3 45.8#
 77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VF0

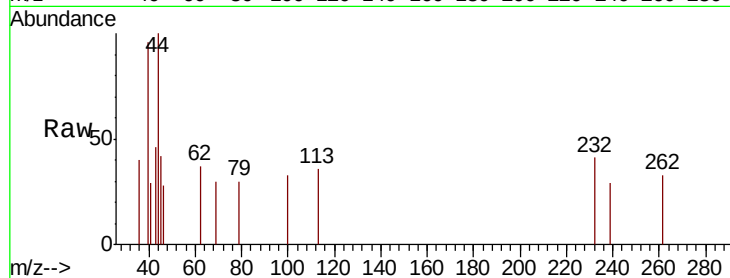




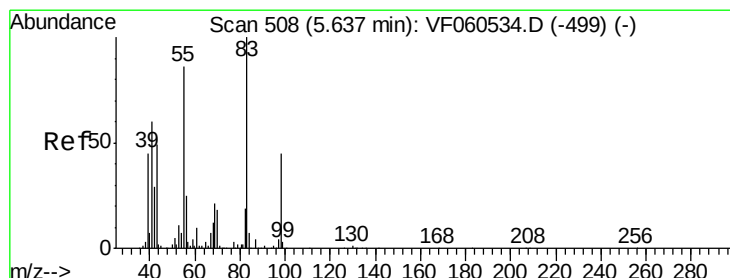
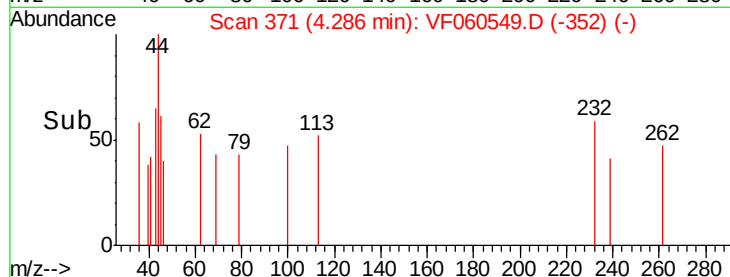
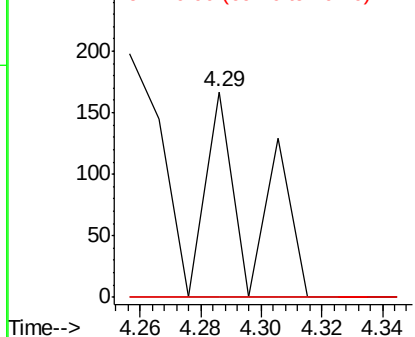
#37
Ethyl Acetate
Concen: 438.238 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampled :
SB-2

Tot Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
61 0.0 123.9 185.9#
70 0.0 7.3 10.9#

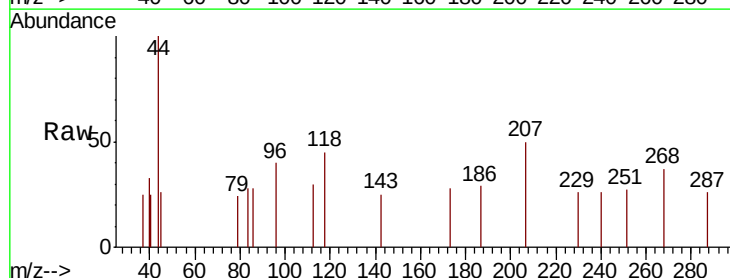


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

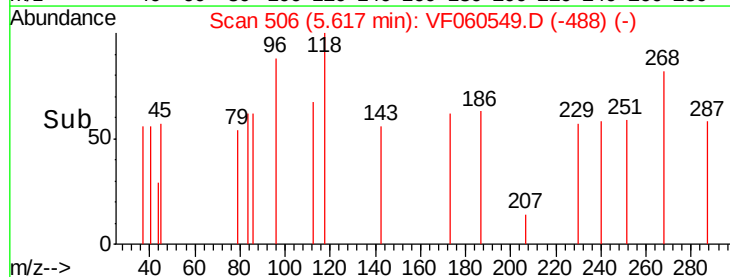
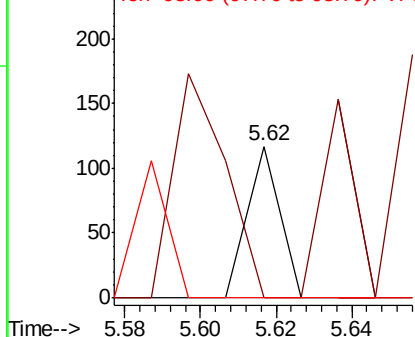


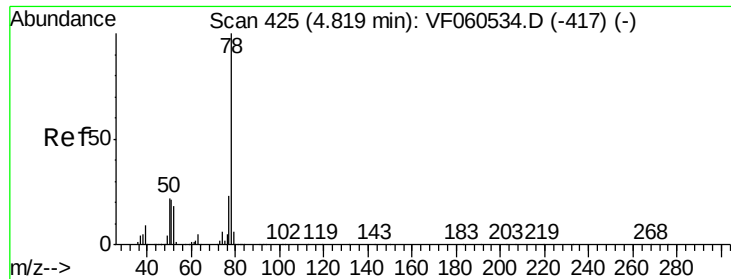
#39
Methylcyclohexane
Concen: 55.393 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 83 Resp: 69
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





#40

Benzene

Concen: 80.116 ug/l

RT: 4.77 min Scan# 420

Delta R.T. -0.05 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

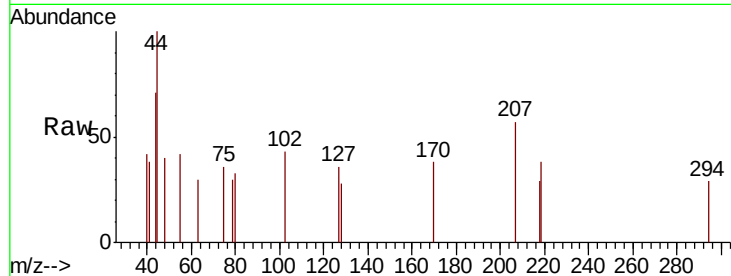
SB-2

Tot Ion: 78 Resp: 196

Ion Ratio Lower Upper

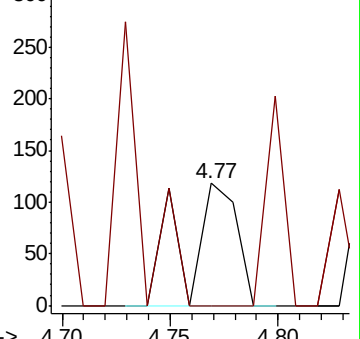
78 100

77 0.0 18.5 27.7#

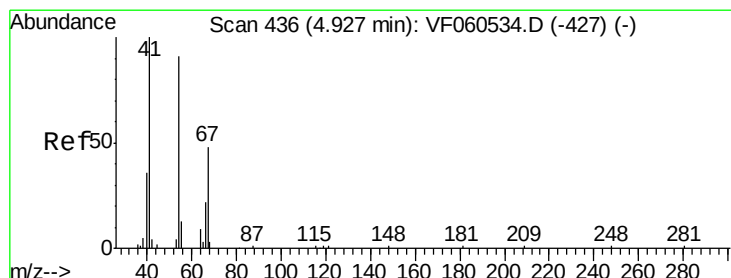
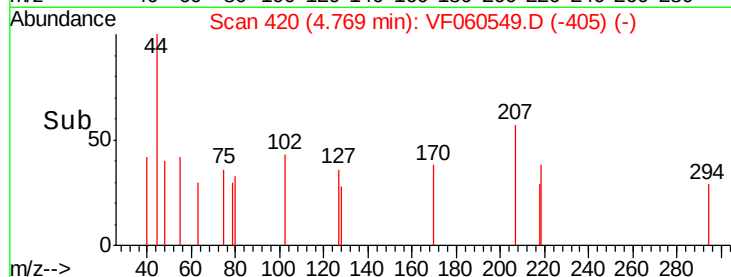


Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->



#41

Methacrylonitrile

Concen: 946.283 ug/l

RT: 4.91 min Scan# 434

Delta R.T. -0.02 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Tgt Ion: 41 Resp: 216

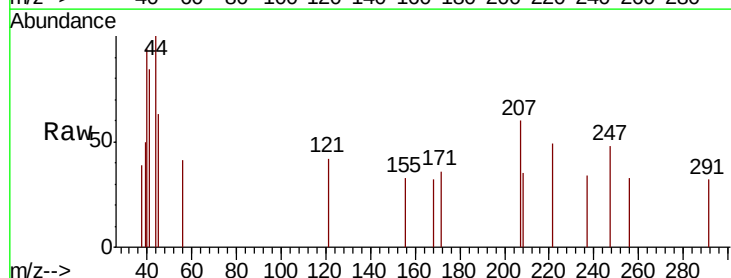
Ion Ratio Lower Upper

41 100

39 59.3 51.0 76.6

67 0.0 38.0 57.0#

52 0.0 40.6 61.0#

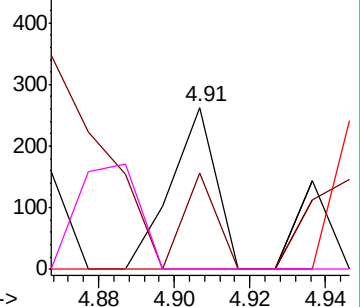


Abundance Ion 41.00 (40.70 to 41.70): VF0

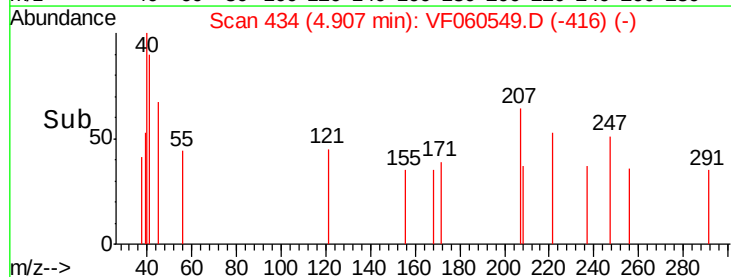
Ion 39.00 (38.70 to 39.70): VF0

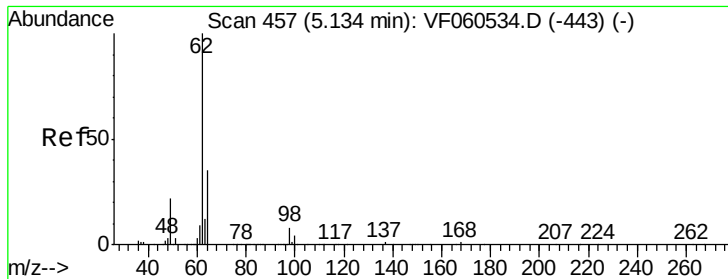
Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->





#42

1,2-Dichloroethane

Concen: 191.904 ug/l

RT: 5.06 min Scan# 450

Delta R.T. -0.07 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

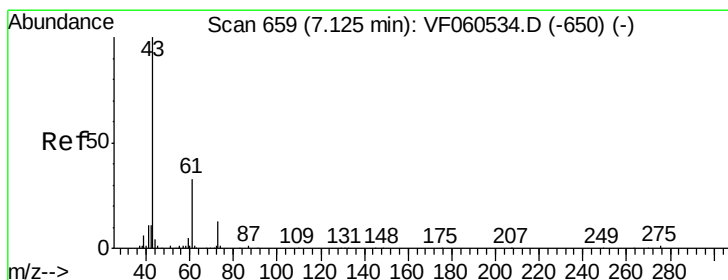
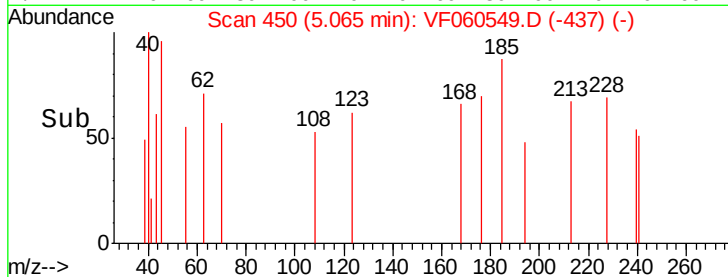
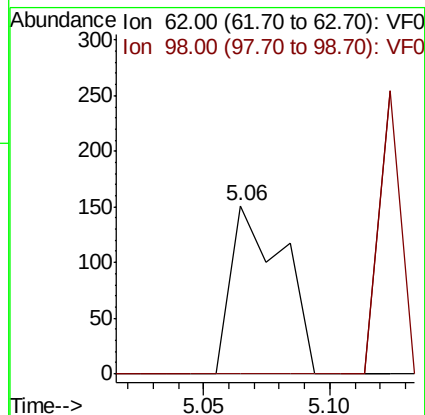
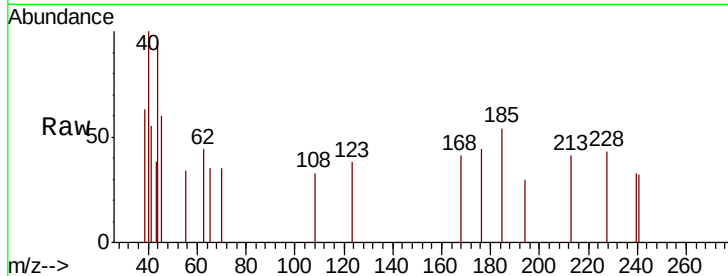
SB-2

Tot Ion: 62 Resp: 218

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 248.267 ug/l

RT: 7.09 min Scan# 655

Delta R.T. -0.04 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

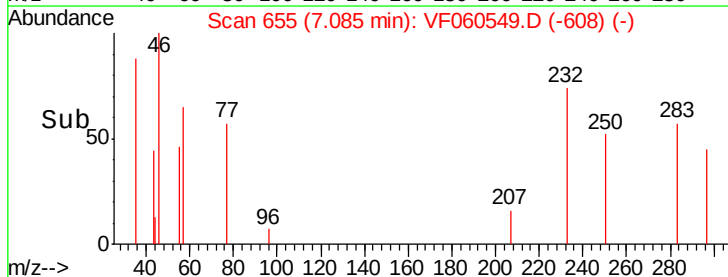
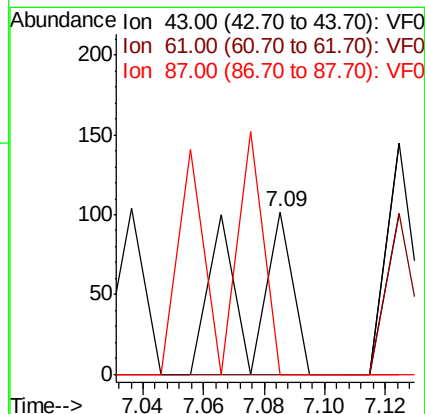
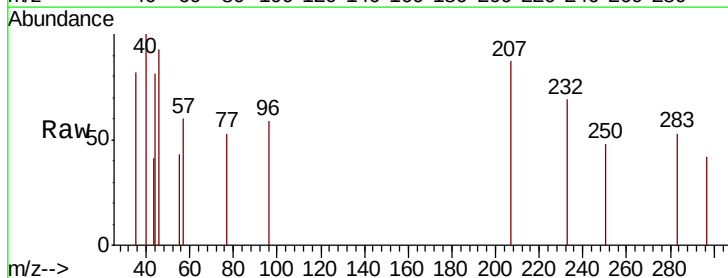
Tgt Ion: 43 Resp: 120

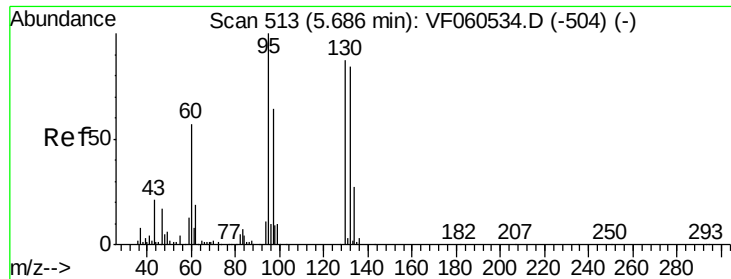
Ion Ratio Lower Upper

43 100

61 0.0 26.6 40.0#

87 0.0 0.6 1.0#





#44

Trichloroethene

Concen: 294.628 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.09 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

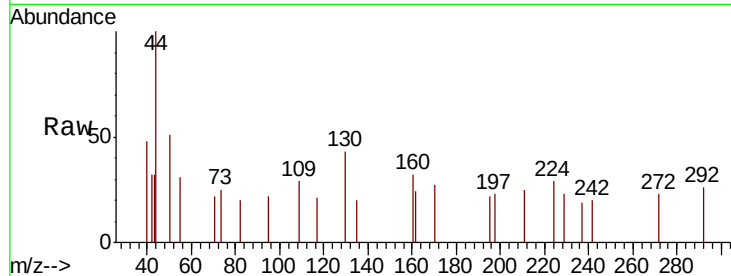
SB-2

Tot Ion:130 Resp: 233

Ion Ratio Lower Upper

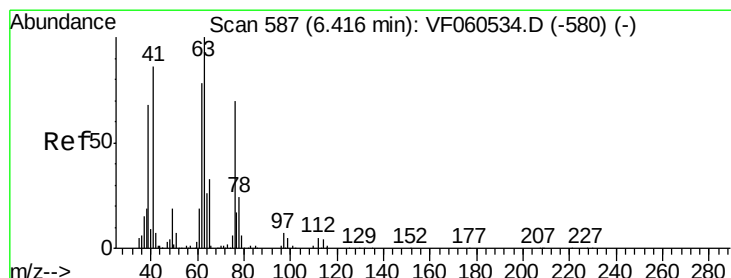
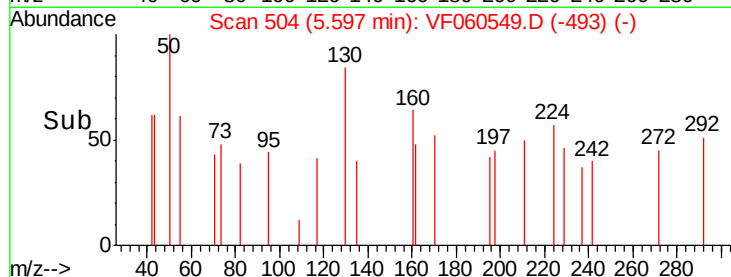
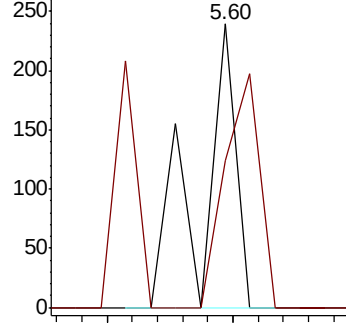
130 100

95 51.9 0.0 229.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0



#45

1,2-Dichloropropane

Concen: 275.181 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.03 min

Lab File: VF060549.D

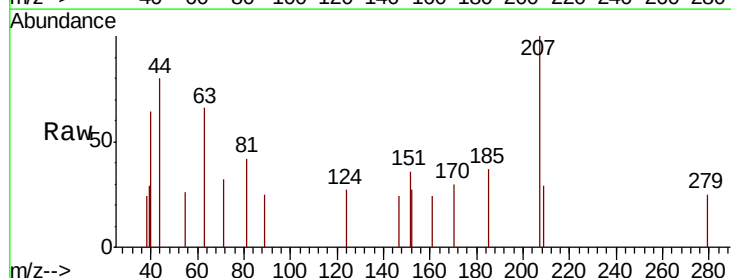
Acq: 30 Oct 2018 17:17

Tgt Ion: 63 Resp: 168

Ion Ratio Lower Upper

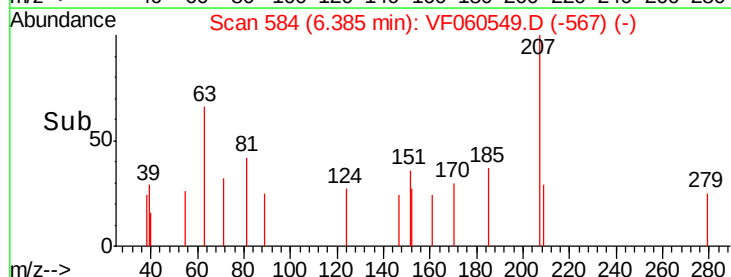
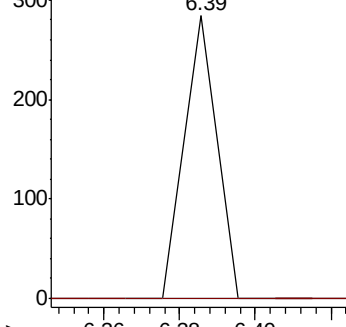
63 100

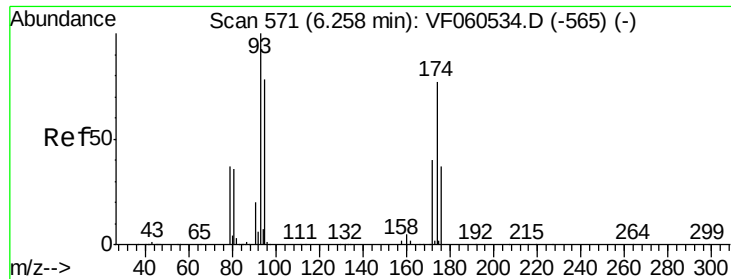
65 0.0 26.5 39.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0





#46

Dibromomethane

Concen: 125.154 ug/l

RT: 6.35 min Scan# 580

Delta R.T. 0.09 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

SB-2

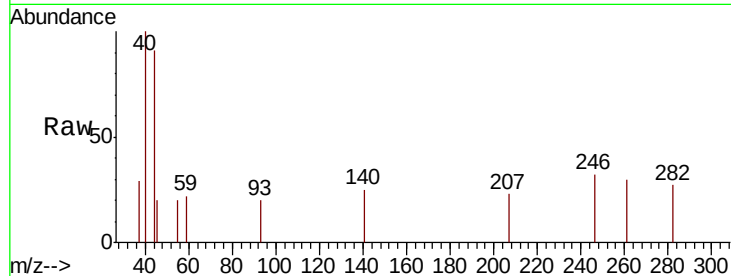
Tot Ion: 93 Resp: 60

Ion Ratio Lower Upper

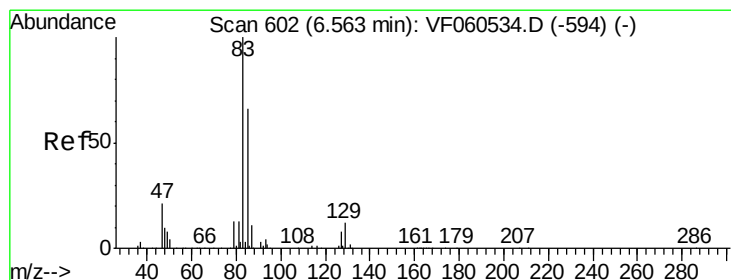
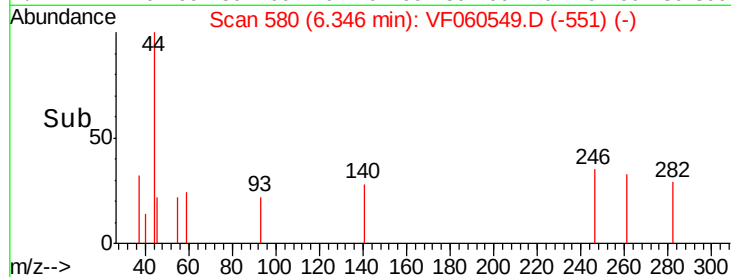
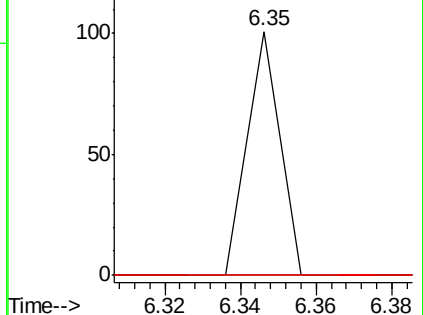
93 100

95 0.0 64.3 96.5#

174 0.0 63.3 94.9#



Abundance Ion 93.00 (92.70 to 93.70): VF0
Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V



#47

Bromodichloromethane

Concen: 95.923 ug/l

RT: 6.54 min Scan# 600

Delta R.T. -0.02 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

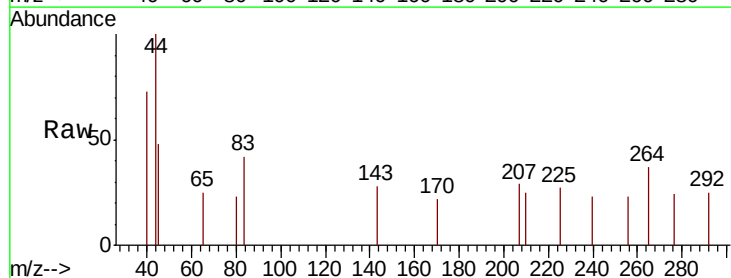
Tgt Ion: 83 Resp: 118

Ion Ratio Lower Upper

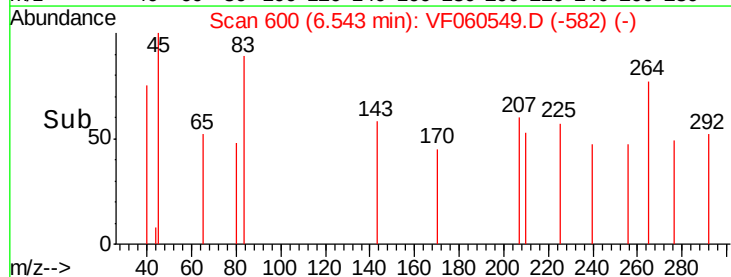
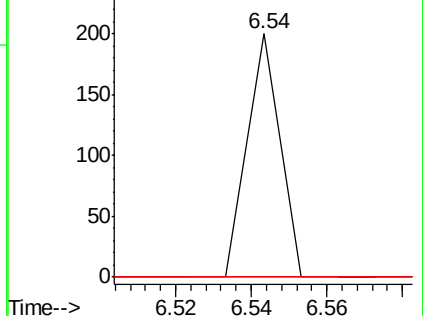
83 100

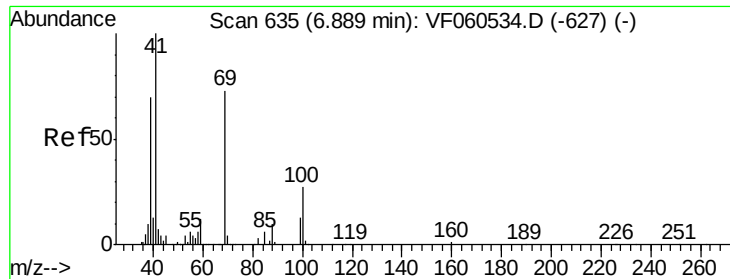
85 0.0 52.7 79.1#

127 0.0 6.4 9.6#



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0
Ion 127.00 (126.70 to 127.70): V





#48

Methyl methacrylate

Concen: 425.924 ug/l

RT: 6.90 min Scan# 636

Delta R.T. 0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

SB-2

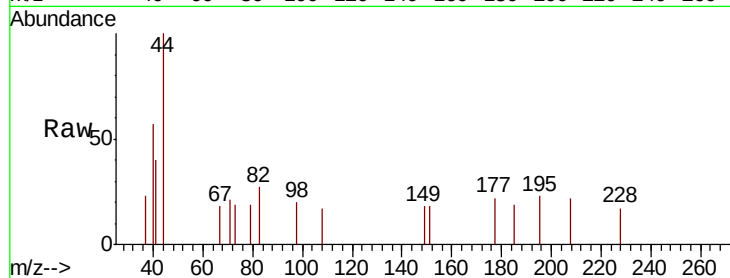
Tot Ion: 41 Resp: 142

Ion Ratio Lower Upper

41 100

69 0.0 58.4 87.6#

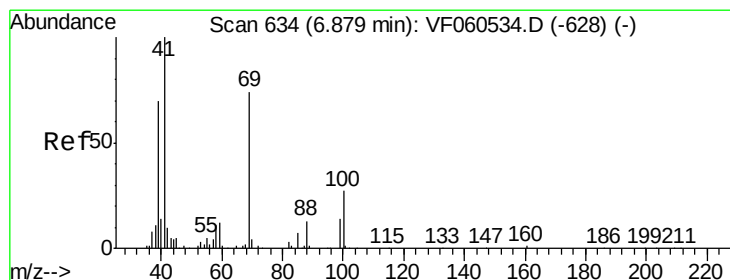
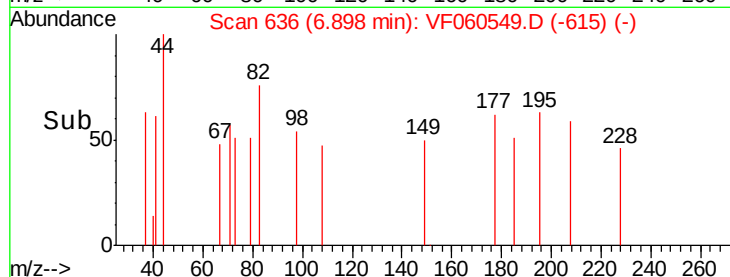
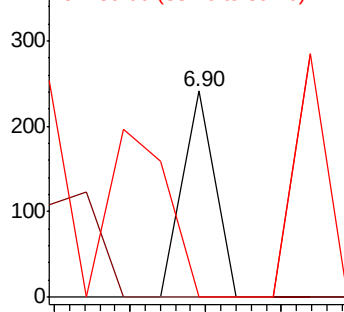
39 0.0 56.4 84.6#



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: 24505.148 ug/l

RT: 6.87 min Scan# 633

Delta R.T. -0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

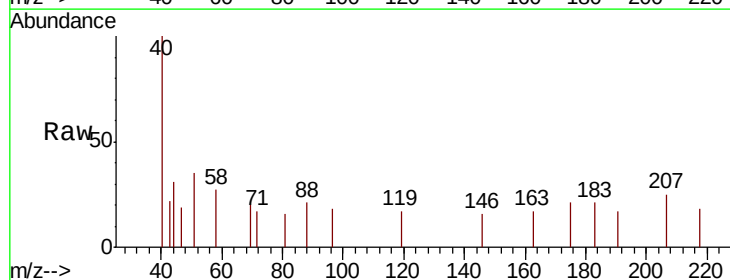
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

43 103.1 49.7 74.5#

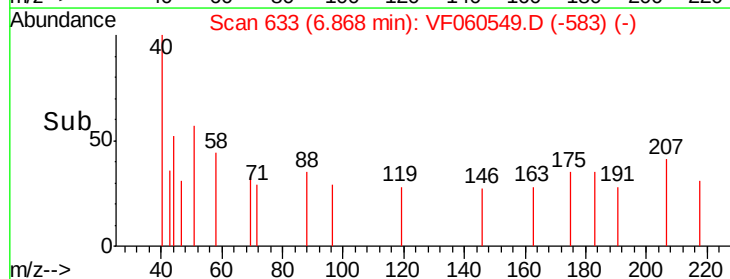
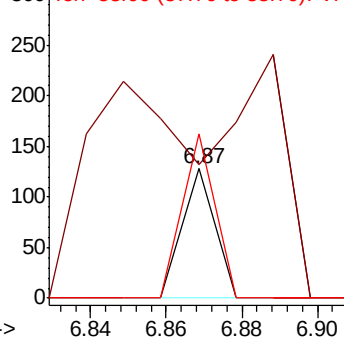
58 127.3 67.7 101.5#

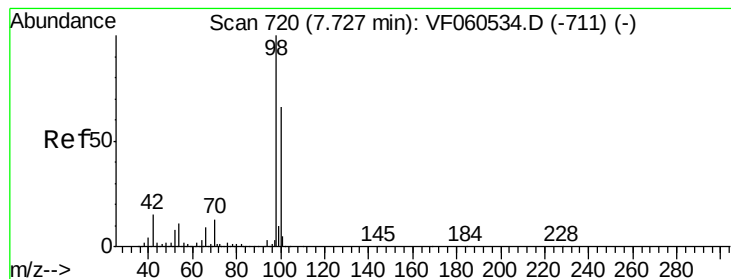


Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#50

Toluene-d8

Concen: 31.896 ug/l

RT: 7.72 min Scan# 719

Delta R.T. -0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

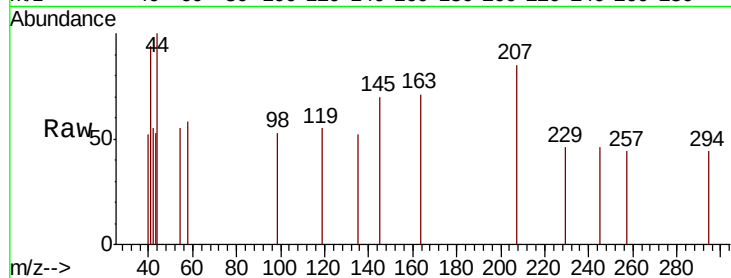
SB-2

Tot Ion: 98 Resp: 74

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

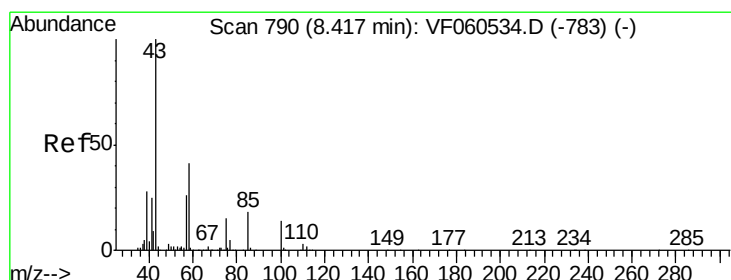
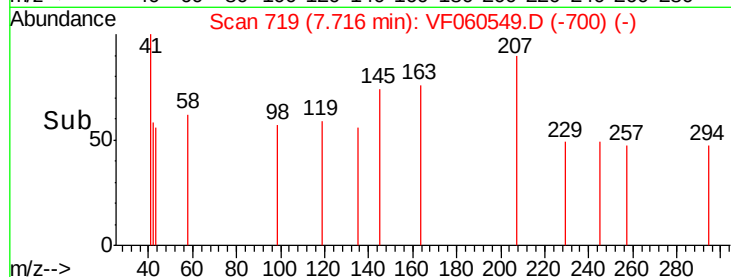
7.72

100

50

0

Time--> 7.68 7.70 7.72 7.74



#51

4-Methyl-2-Pentanone

Concen: 397.007 ug/l

RT: 8.47 min Scan# 795

Delta R.T. 0.05 min

Lab File: VF060549.D

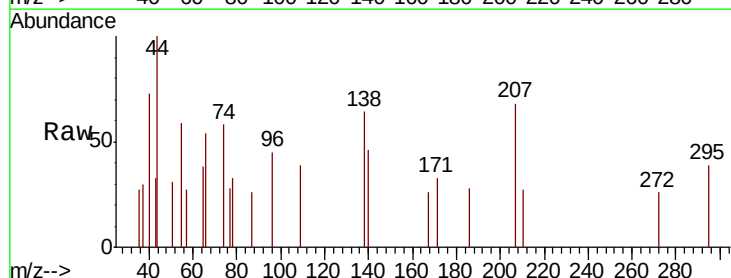
Acq: 30 Oct 2018 17:17

Tgt Ion: 43 Resp: 139

Ion Ratio Lower Upper

43 100

58 0.0 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.47

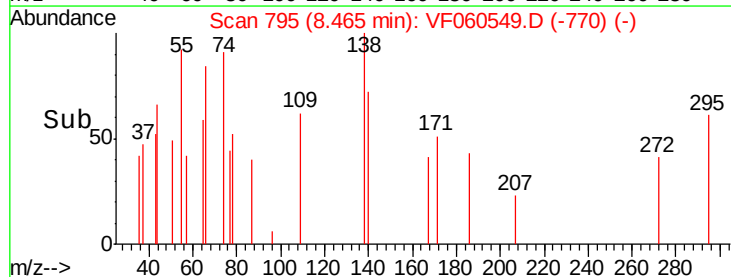
150

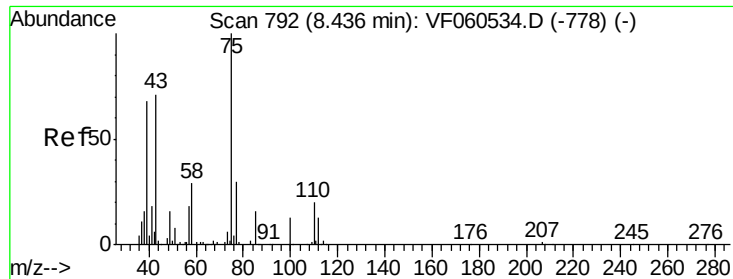
100

50

0

Time--> 8.44 8.46 8.48 8.50





#53

t-1,3-Dichloropropene

Concen: 133.202 ug/l

RT: 8.37 min Scan# 785

Delta R.T. -0.07 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

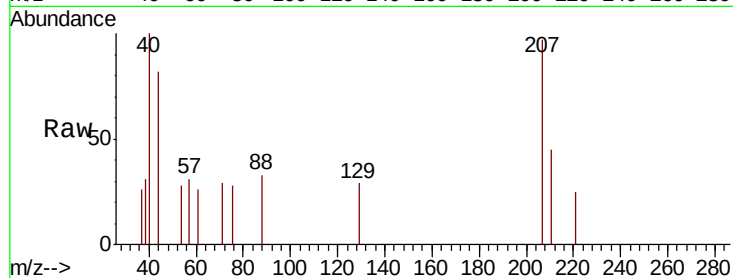
SB-2

Tot Ion: 75 Resp: 128

Ion Ratio Lower Upper

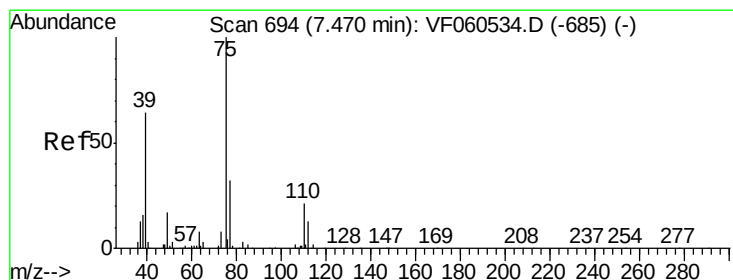
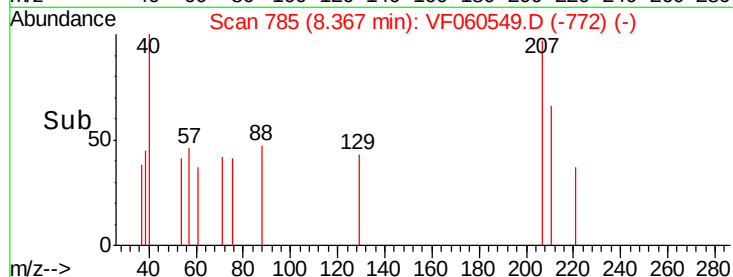
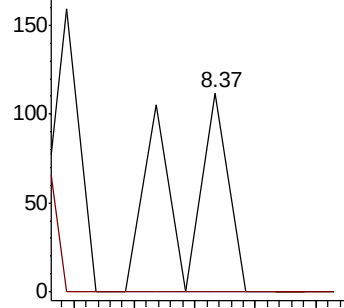
75 100

77 0.0 24.2 36.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 57.954 ug/l

RT: 7.36 min Scan# 683

Delta R.T. -0.11 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

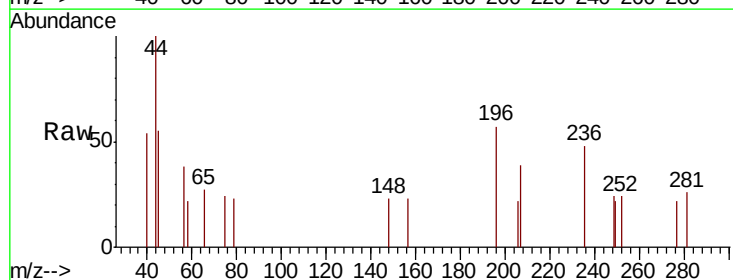
Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

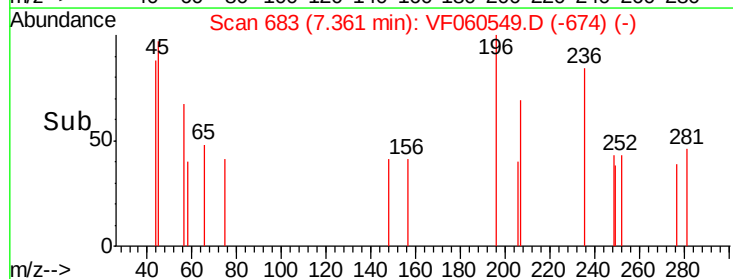
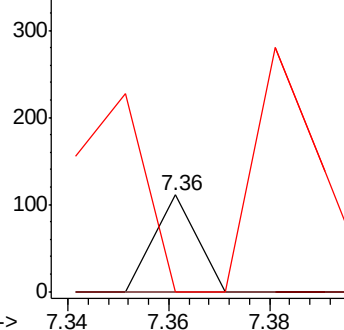
39 0.0 51.5 77.3#

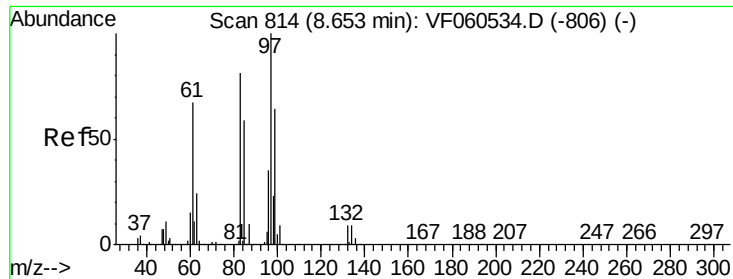


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 174.418 ug/l

RT: 8.67 min Scan# 816

Delta R.T. 0.02 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

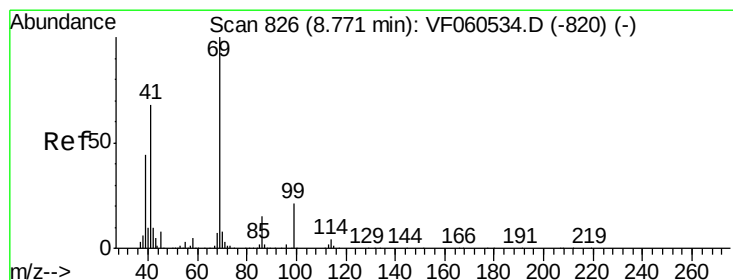
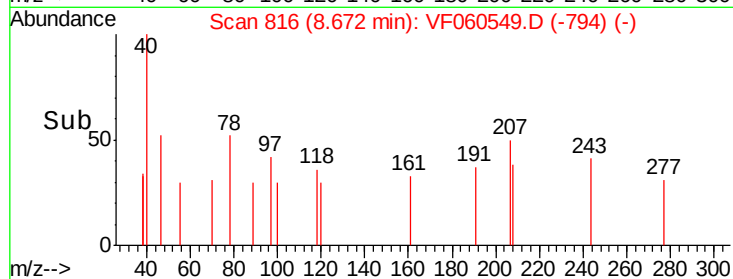
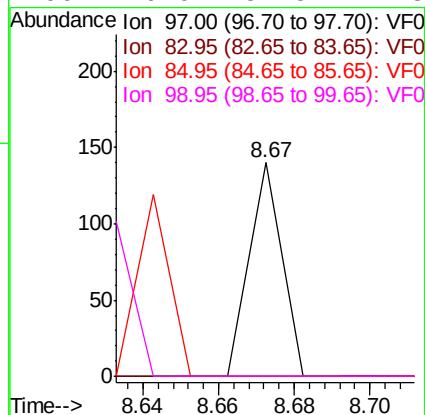
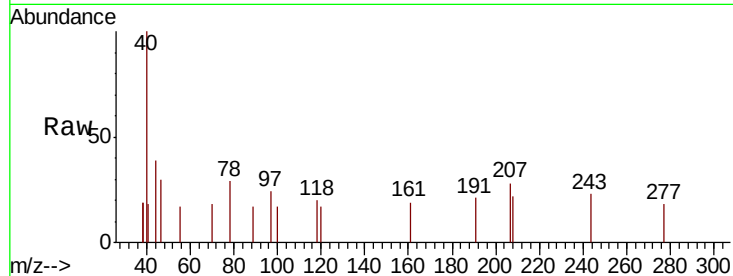
MSVOA_F

ClientSampleId :

SB-2

Tot Ion: 97 Resp: 83

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.3	97.9#
85	0.0	47.6	71.4#
99	0.0	51.5	77.3#



#56

Ethyl methacrylate

Concen: 273.428 ug/l

RT: 8.75 min Scan# 824

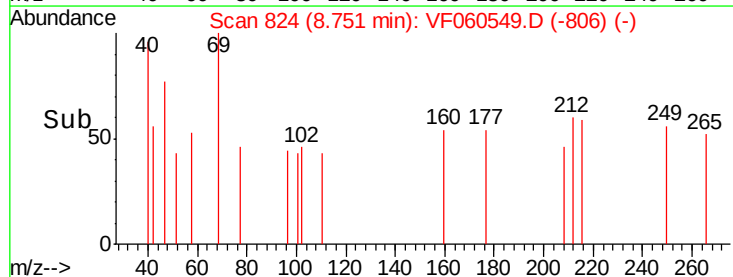
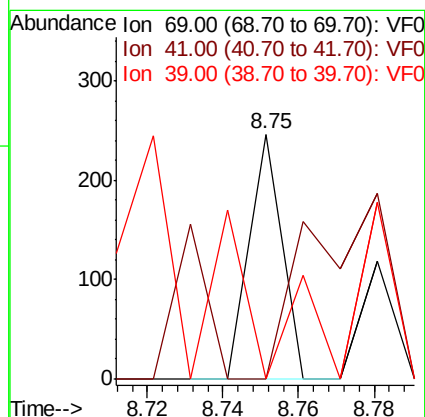
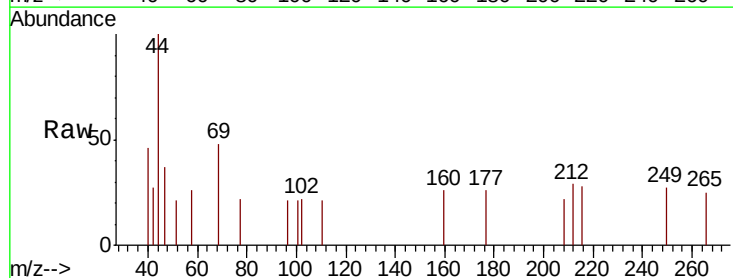
Delta R.T. -0.02 min

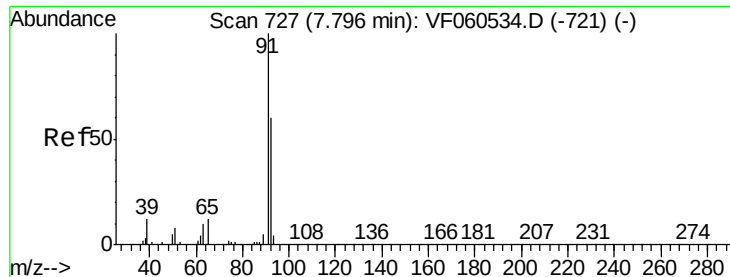
Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Tgt Ion: 69 Resp: 146

Ion	Ratio	Lower	Upper
69	100		
41	0.0	55.0	82.6#
39	0.0	35.1	52.7#





#58

2-Chloroethyl Vinyl ether

Concen: 1308.329 ug/l

RT: 7.73 min Scan# 720

Delta R.T. -0.07 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

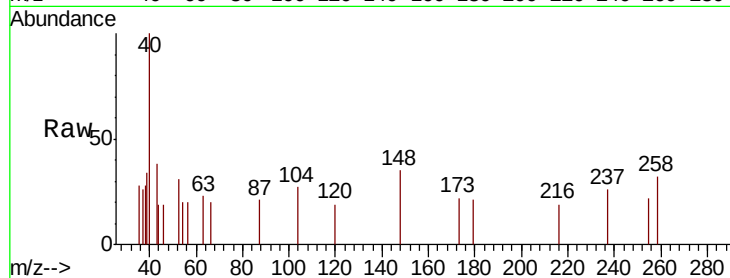
SB-2

Tot Ion: 63 Resp: 72

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

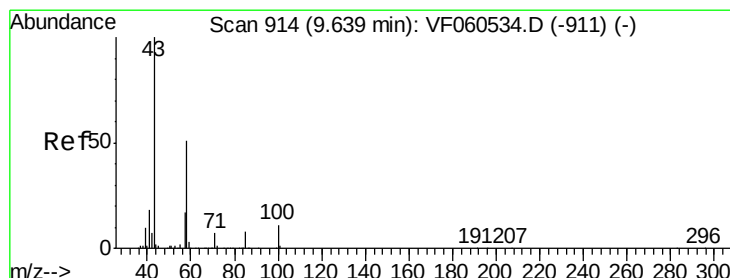
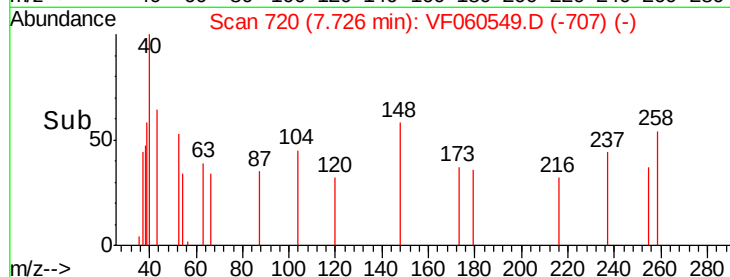
7.73

100

50

0

Time-->



#59

2-Hexanone

Concen: 332.341 ug/l

RT: 9.62 min Scan# 912

Delta R.T. -0.02 min

Lab File: VF060549.D

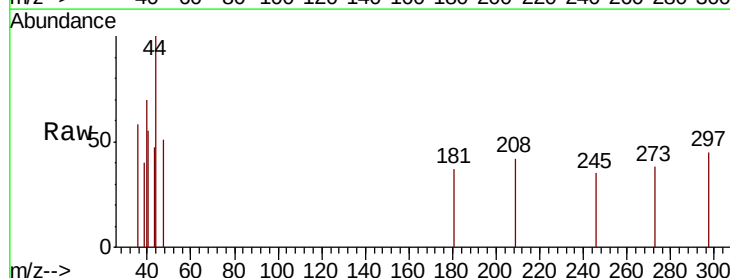
Acq: 30 Oct 2018 17:17

Tgt Ion: 43 Resp: 83

Ion Ratio Lower Upper

43 100

58 0.0 24.1 72.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.62

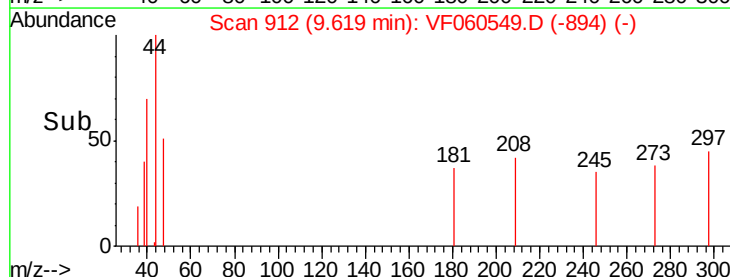
150

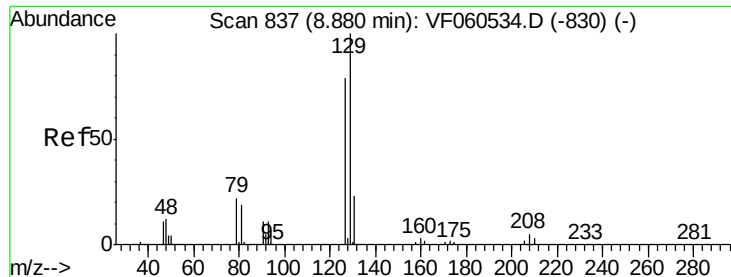
100

50

0

Time-->





#60

Dibromochloromethane

Concen: 108.272 ug/l

RT: 8.93 min Scan# 842

Delta R.T. 0.05 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

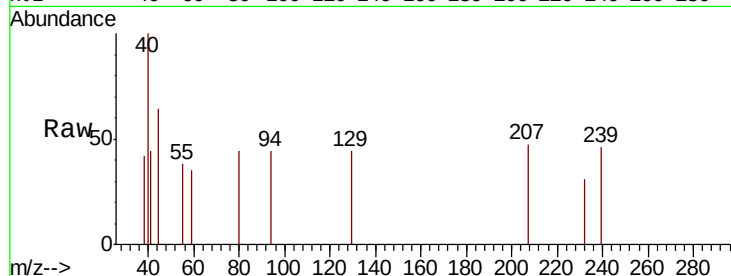
SB-2

Tot Ion:129 Resp: 83

Ion Ratio Lower Upper

129 100

127 0.0 39.6 119.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.93

150

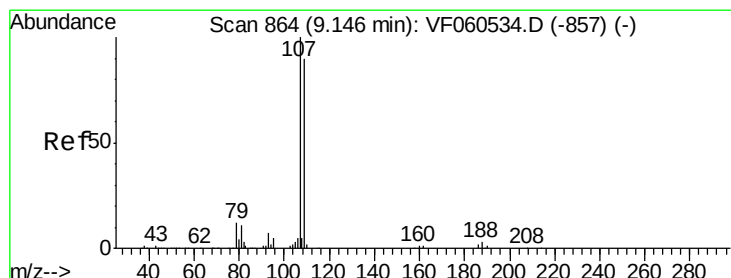
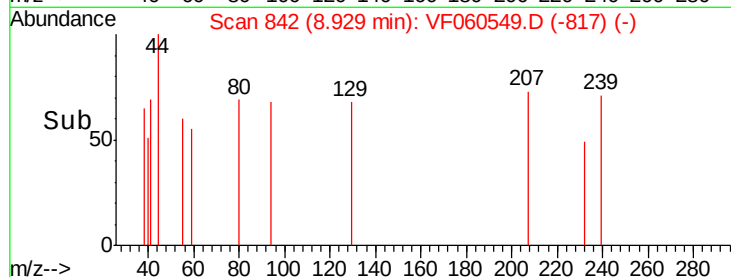
100

50

0

Time-->

8.90 8.92 8.94 8.96



#61

1,2-Dibromoethane

Concen: 108.900 ug/l

RT: 9.09 min Scan# 858

Delta R.T. -0.06 min

Lab File: VF060549.D

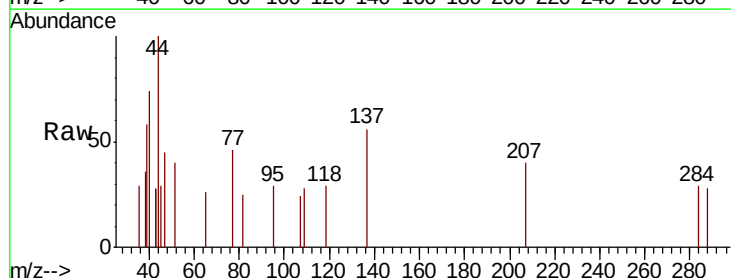
Acq: 30 Oct 2018 17:17

Tgt Ion:107 Resp: 60

Ion Ratio Lower Upper

107 100

109 118.8 72.2 108.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.09

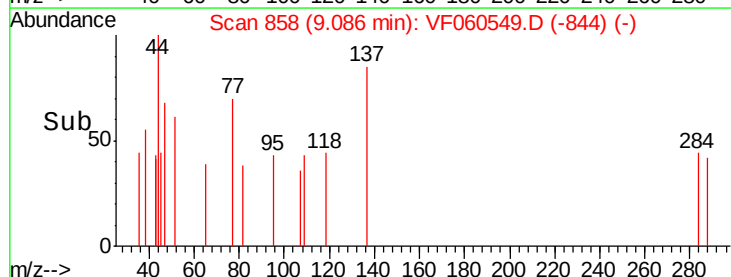
100

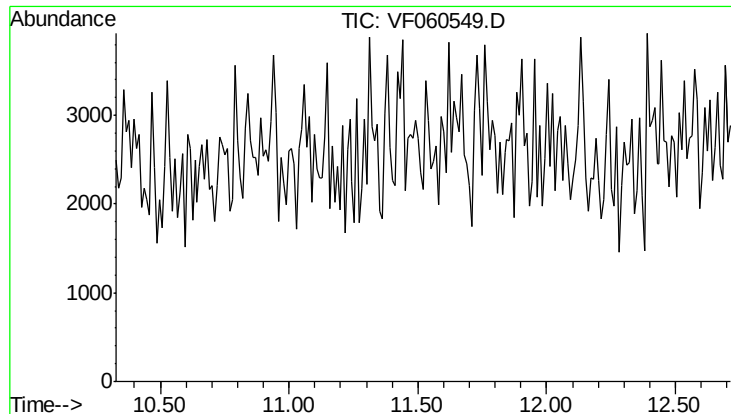
50

0

Time-->

9.06 9.08 9.10 9.12

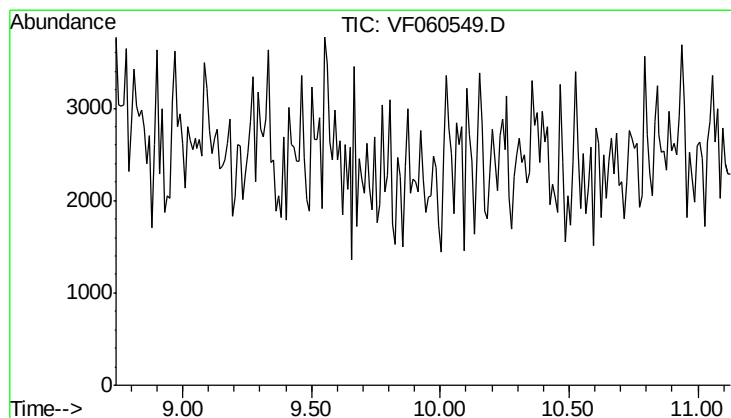
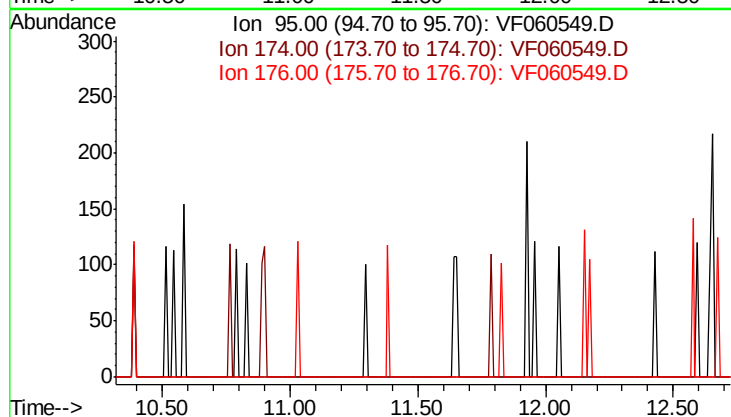




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.52 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

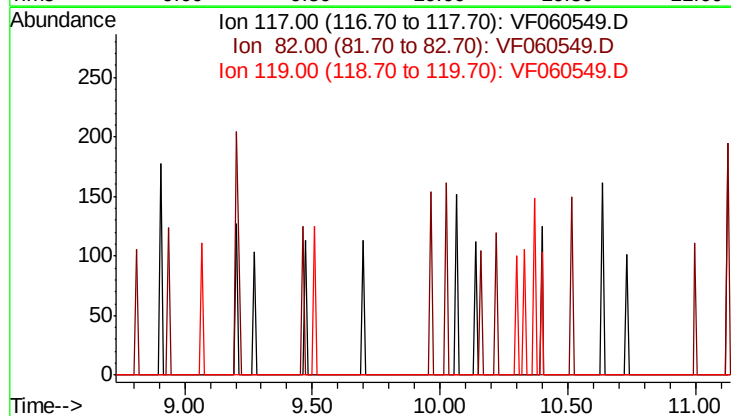
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2

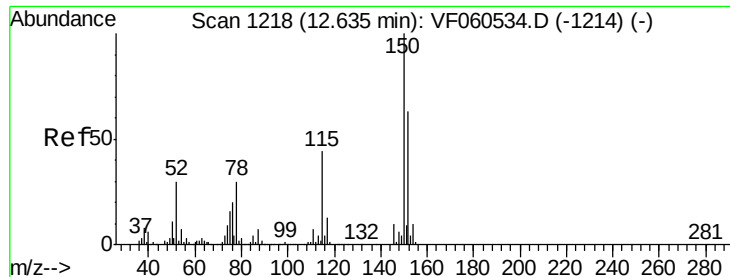
Tot Ion	95
Sig	Exp Ratio
95	100
174	76.9
176	71.8



#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.93 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Tgt Ion	117
Sig	Exp Ratio
117	100
82	59.5
119	34.1



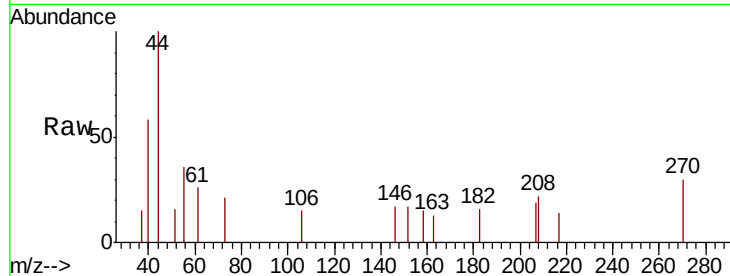


#72

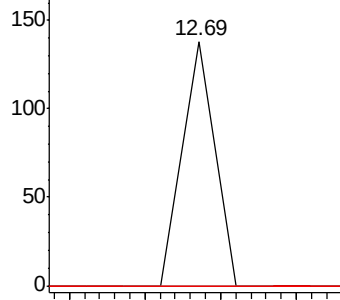
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.69 min Scan# 1224
Delta R.T. 0.06 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampled :
SB-2

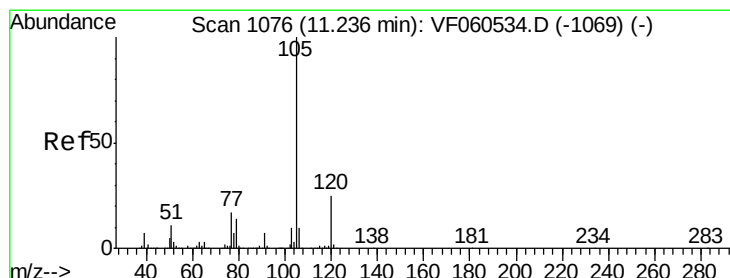
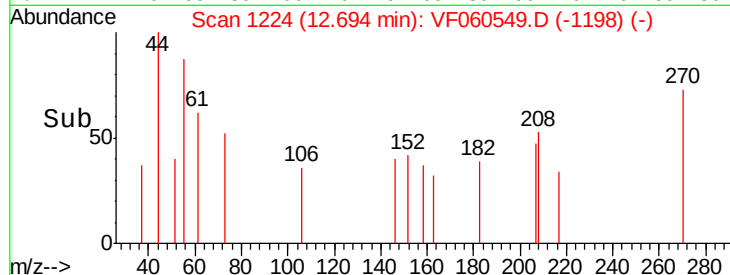
Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	34.7	104.1#
150	0.0	0.0	318.4



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



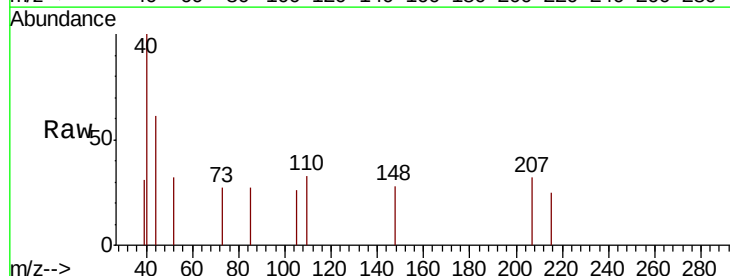
Time--> 12.66 12.68 12.70 12.72



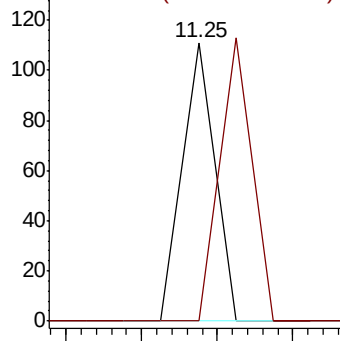
#73

Isopropylbenzene
Concen: 10.529 ug/l
RT: 11.25 min Scan# 1078
Delta R.T. 0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

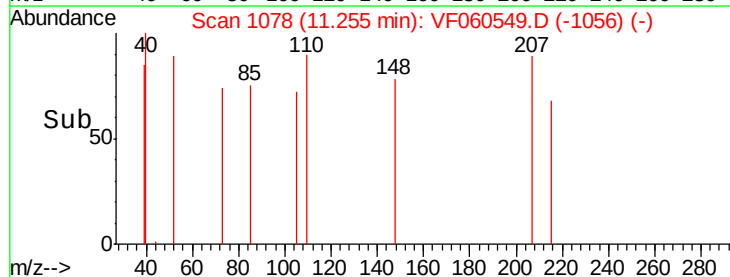
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.3	36.8#

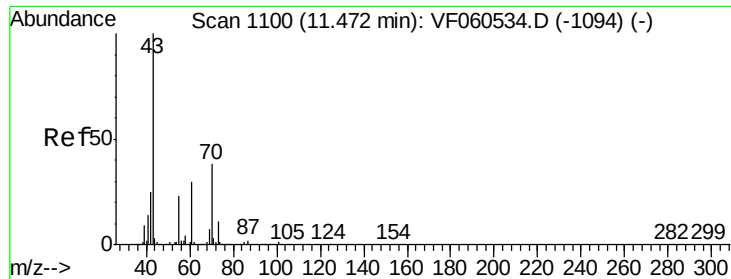


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time--> 11.22 11.24 11.26 11.28





#74

N-amvl acetate

Concen: 236.600 ug/l

RT: 11.44 min Scan# 1097

Delta R.T. -0.03 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

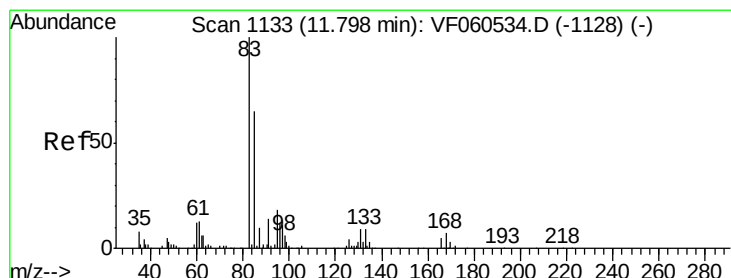
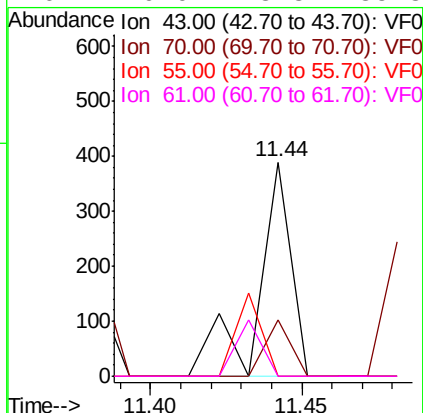
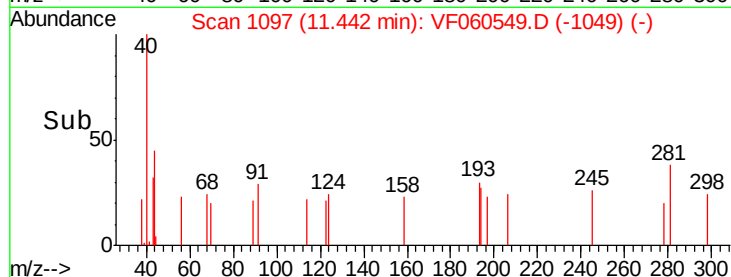
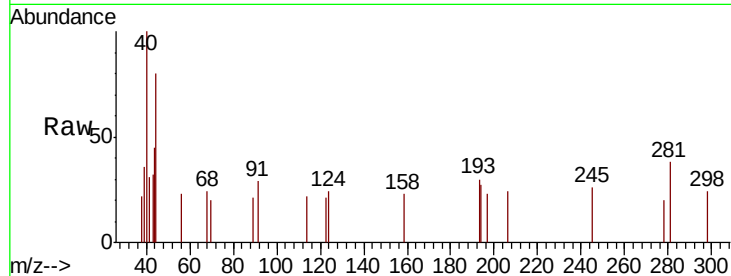
MSVOA_F

ClientSampleId :

SB-2

Tot Ion: 43 Resp: 297

Ion	Ratio	Lower	Upper
43	100		
70	26.2	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: 97.518 ug/l

RT: 11.76 min Scan# 1129

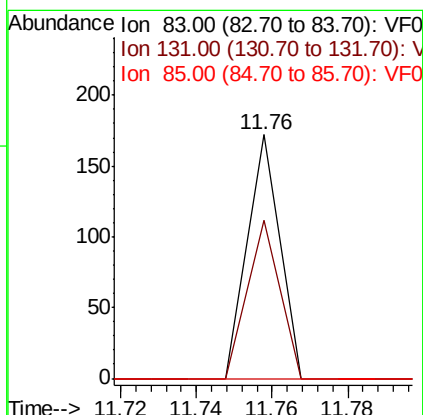
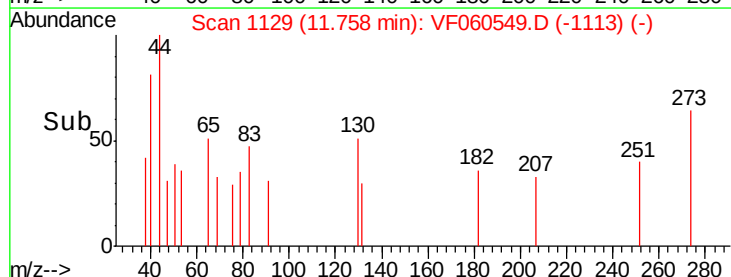
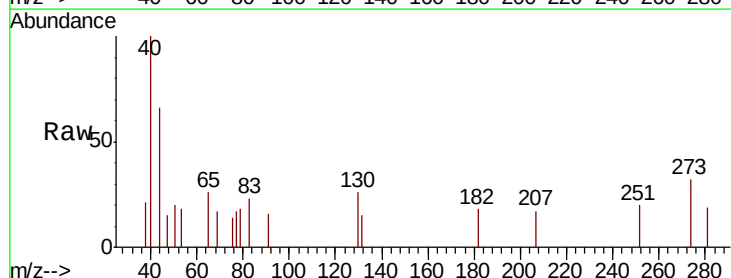
Delta R.T. -0.04 min

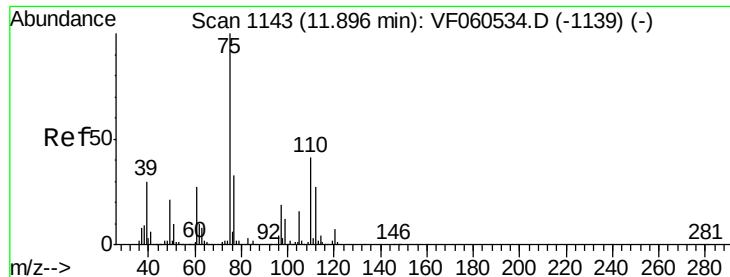
Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Tgt Ion: 83 Resp: 102

Ion	Ratio	Lower	Upper
83	100		
131	65.1	4.7	14.0#
85	0.0	32.4	97.0#





#76

1,2,3-Trichloropropane

Concen: 97.862 ug/l

RT: 11.86 min Scan# 1139

Delta R.T. -0.04 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

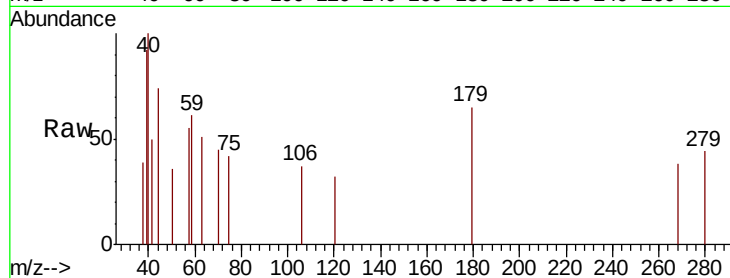
SB-2

Tot Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

77 0.0 16.7 50.1#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

11.86

150

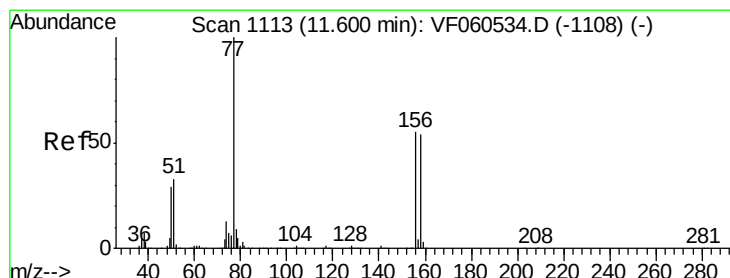
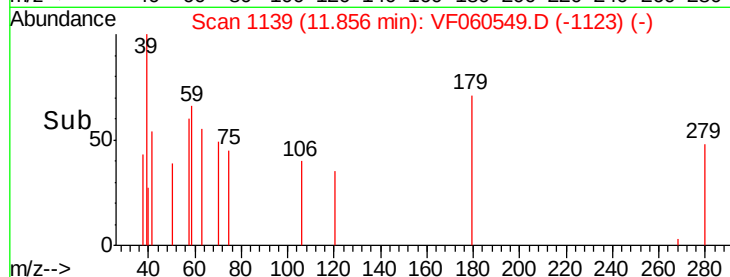
100

50

0

Time-->

11.82 11.84 11.86 11.88



#77

Bromobenzene

Concen: 61.633 ug/l

RT: 11.57 min Scan# 1110

Delta R.T. -0.03 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

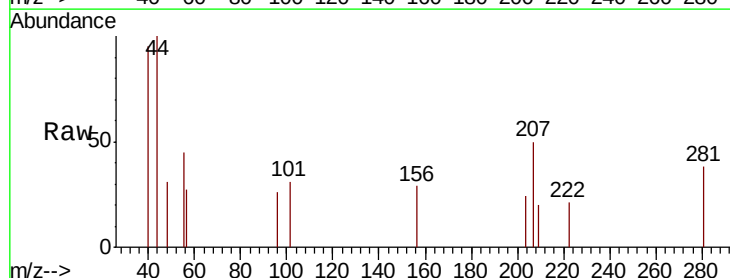
Tgt Ion: 156 Resp: 85

Ion Ratio Lower Upper

156 100

77 0.0 91.3 274.1#

158 0.0 49.3 147.9#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V

150

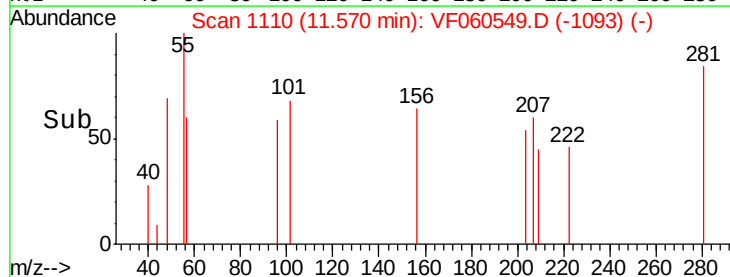
100

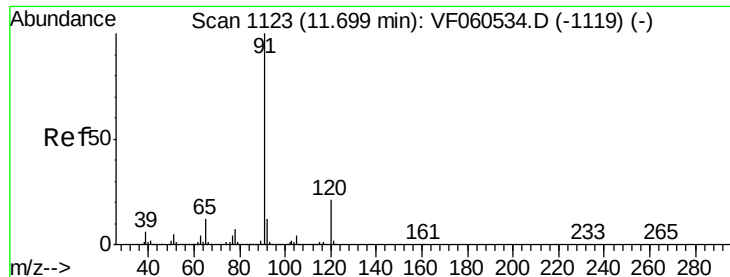
50

0

Time-->

11.54 11.56 11.58 11.60





#78

n-propylbenzene

Concen: 32.415 ug/l

RT: 11.66 min Scan# 1119

Delta R.T. -0.04 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

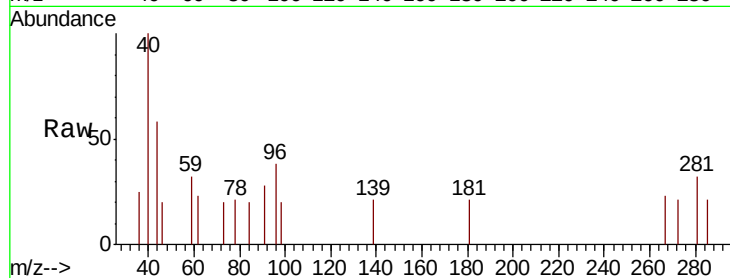
SB-2

Tot Ion: 91 Resp: 241

Ion Ratio Lower Upper

91 100

120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

11.66

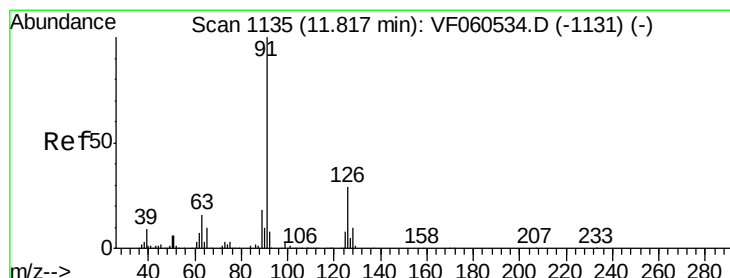
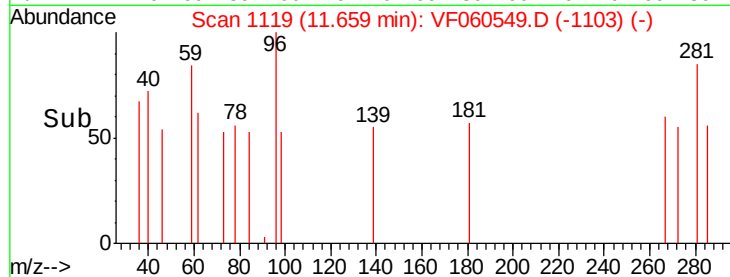
150

100

50

0

Time-->



#79

2-Chlorotoluene

Concen: 15.056 ug/l

RT: 11.76 min Scan# 1129

Delta R.T. -0.06 min

Lab File: VF060549.D

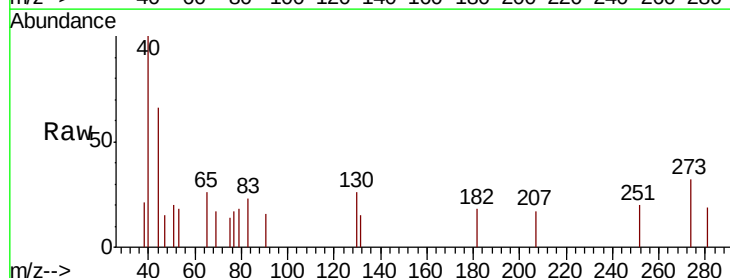
Acq: 30 Oct 2018 17:17

Tgt Ion: 91 Resp: 67

Ion Ratio Lower Upper

91 100

126 0.0 14.2 42.8#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

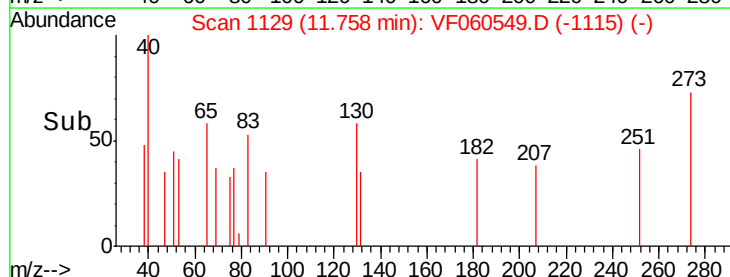
11.76

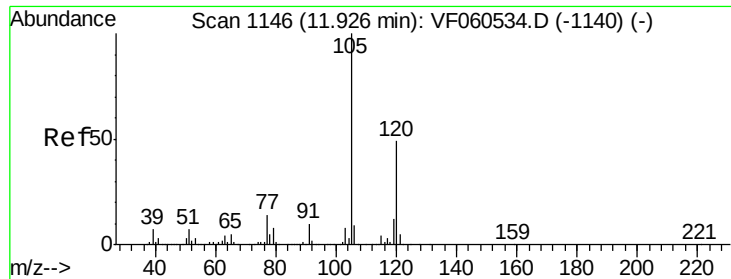
100

50

0

Time-->

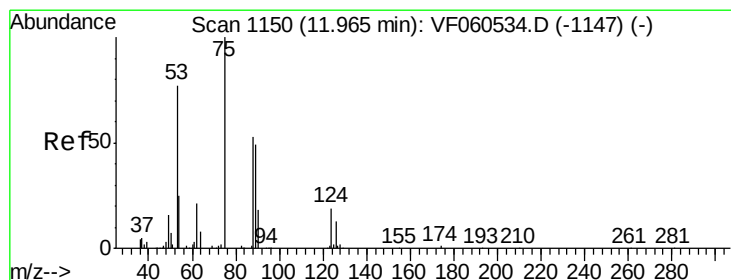
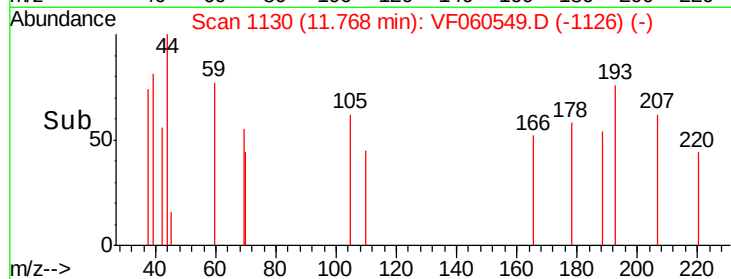
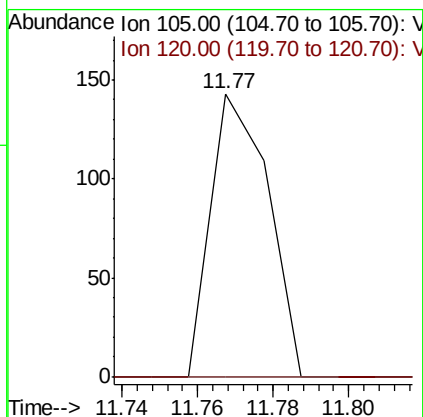
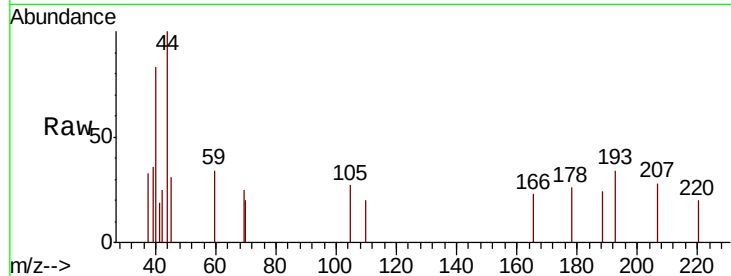




#80
 1,3,5-Trimethylbenzene
 Concen: 27.510 ug/l
 RT: 11.77 min Scan# 1130
 Delta R.T. -0.16 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

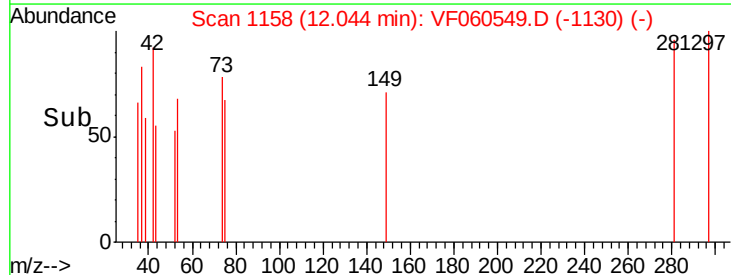
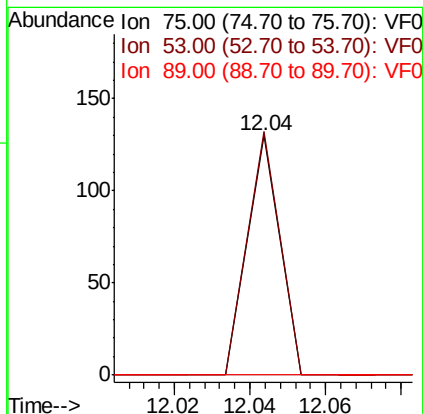
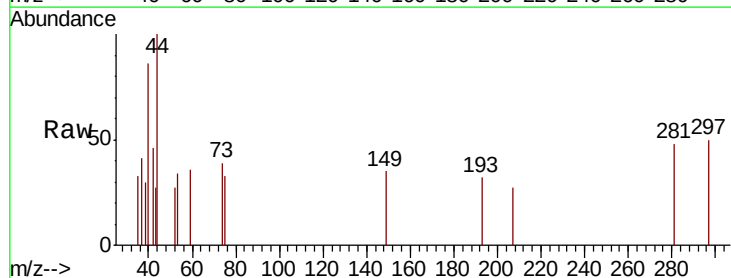
Instrument :
 MSVOA_F
 ClientSampled :
 SB-2

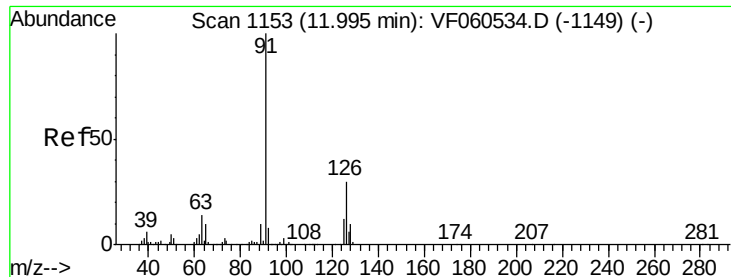
Tot Ion: 105 Resp: 149
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.3 73.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 224.046 ug/l
 RT: 12.04 min Scan# 1158
 Delta R.T. 0.08 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Tgt Ion: 75 Resp: 77
 Ion Ratio Lower Upper
 75 100
 53 101.5 65.8 98.6#
 89 0.0 44.0 66.0#





#82

4-Chlorotoluene

Concen: 16.256 ug/l

RT: 11.96 min Scan# 1150

Delta R.T. -0.03 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

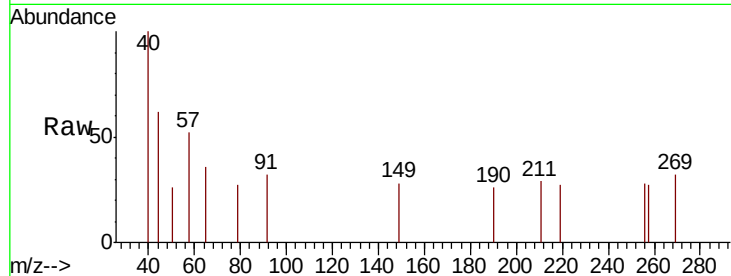
SB-2

Tot Ion: 91 Resp: 75

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

11.96

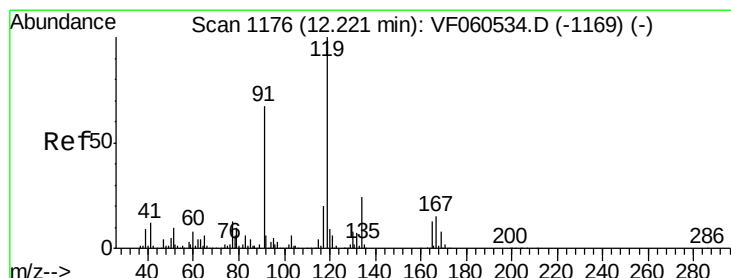
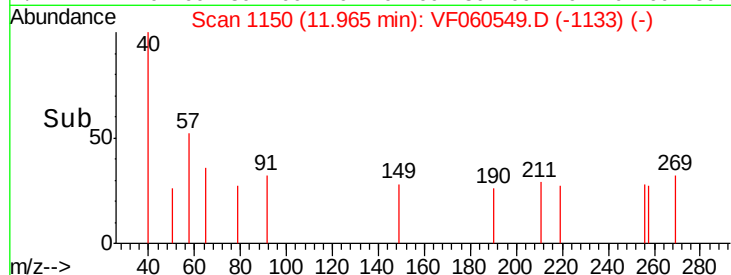
100

50

0

Time-->

11.94 11.96 11.98



#83

tert-Butylbenzene

Concen: 11.813 ug/l

RT: 12.21 min Scan# 1175

Delta R.T. -0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

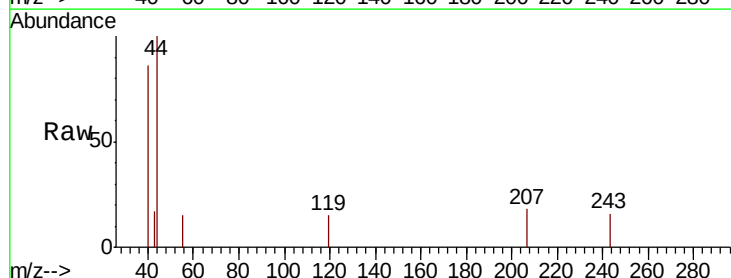
Tgt Ion: 119 Resp: 62

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

200

150

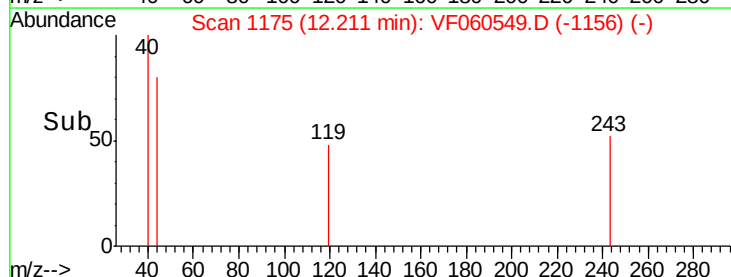
100

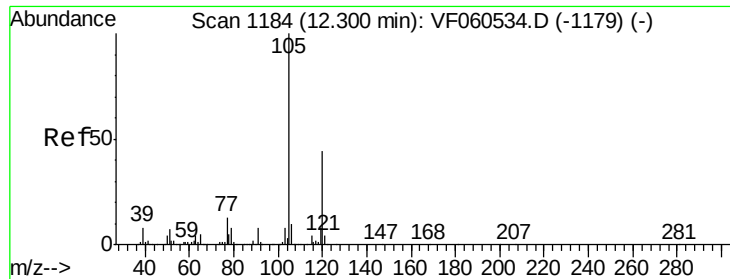
50

0

Time-->

12.18 12.20 12.22 12.24





#84

1,2,4-Trimethylbenzene

Concen: 13.996 ug/l

RT: 12.31 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

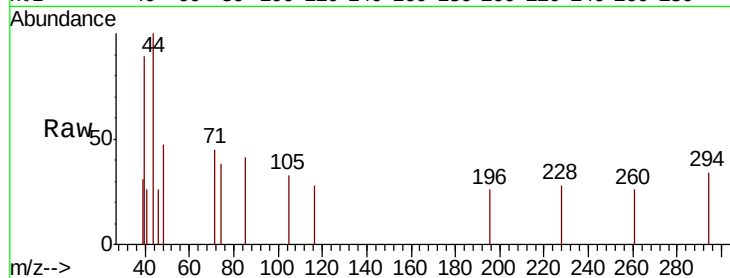
SB-2

Tot Ion:105 Resp: 77

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

12.31

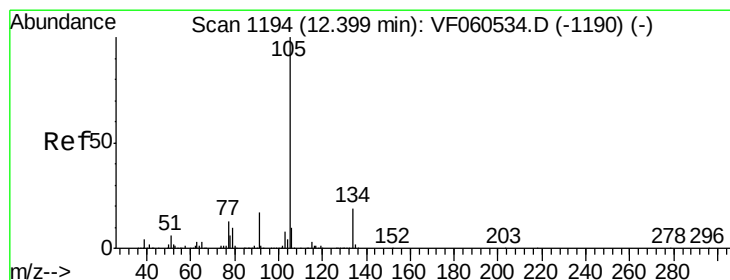
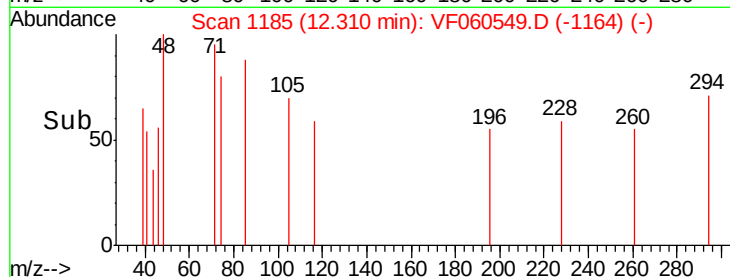
100

50

0

Time-->

12.28 12.30 12.32 12.34



#85

sec-Butylbenzene

Concen: 10.468 ug/l

RT: 12.31 min Scan# 1185

Delta R.T. -0.09 min

Lab File: VF060549.D

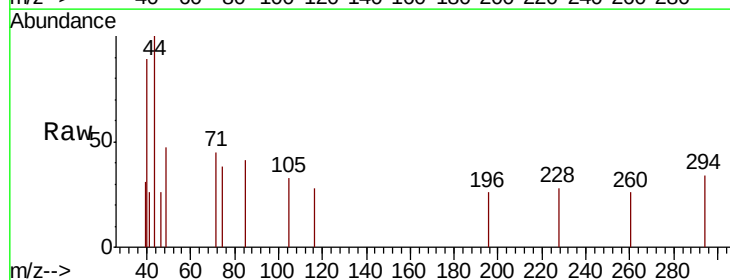
Acq: 30 Oct 2018 17:17

Tgt Ion:105 Resp: 77

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

12.31

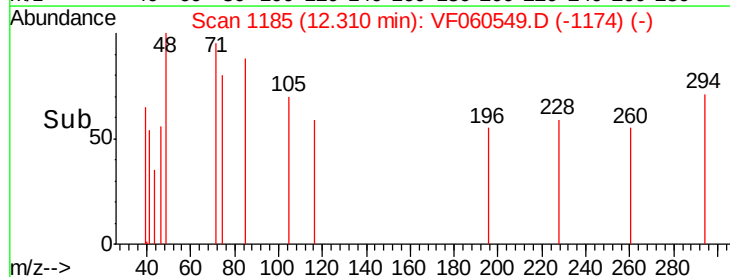
100

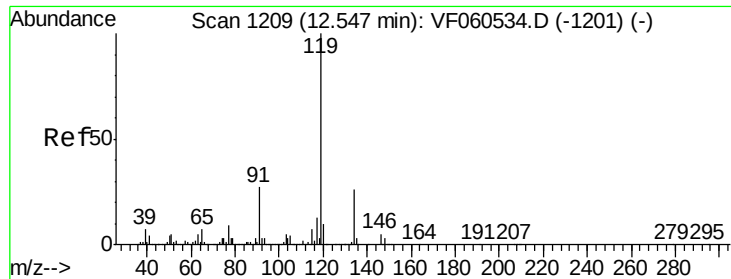
50

0

Time-->

12.28 12.30 12.32 12.34

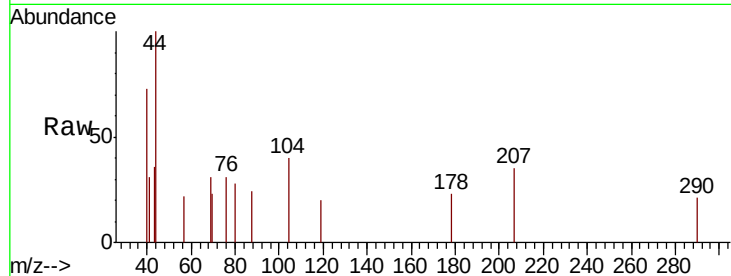




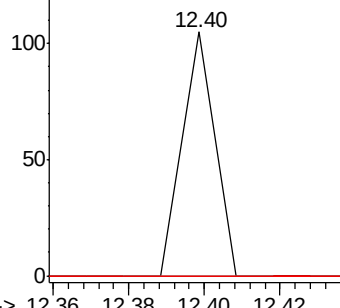
#86
 p-Isopropyltoluene
 Concen: 10.270 ug/l
 RT: 12.40 min Scan# 1194
 Delta R.T. -0.15 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

Instrument :
 MSVOA_F
 ClientSampled :
 SB-2

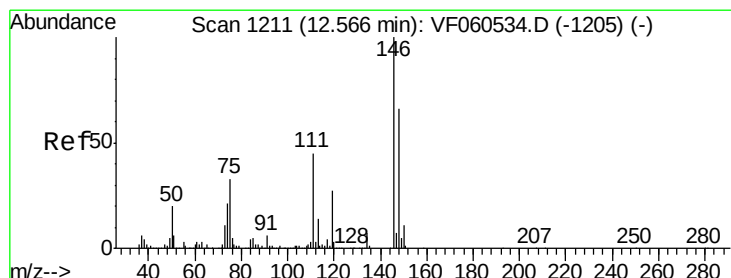
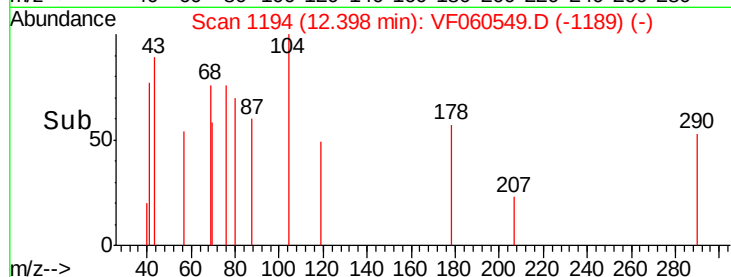
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.1	39.1#
91	0.0	13.5	40.4#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

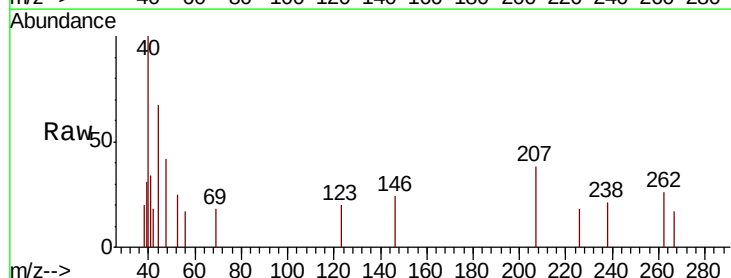


Time-->

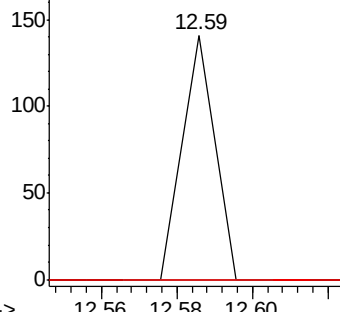


#87
 1,3-Dichlorobenzene
 Concen: 30.150 ug/l
 RT: 12.59 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: VF060549.D
 Acq: 30 Oct 2018 17:17

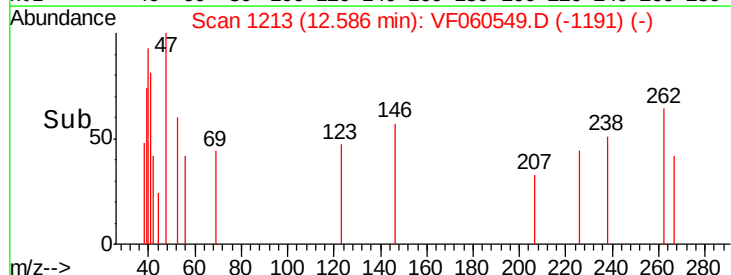
Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.6	67.7#
148	0.0	33.1	99.3#

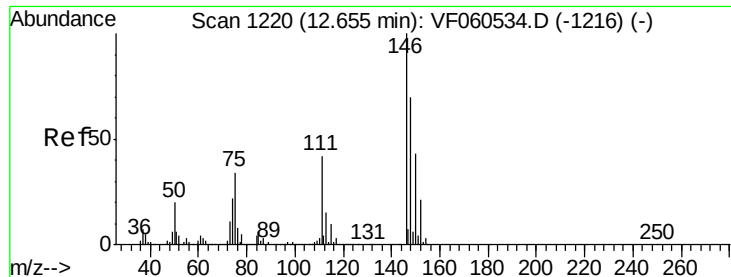


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



Time-->





#88

1,4-Dichlorobenzene

Concen: 30.021 ug/l

RT: 12.69 min Scan# 1224

Delta R.T. 0.04 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

SB-2

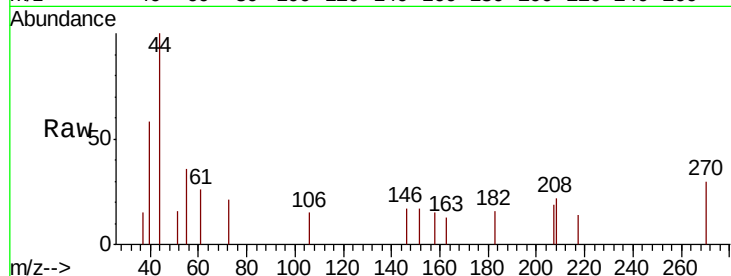
Tot Ion:146 Resp: 78

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

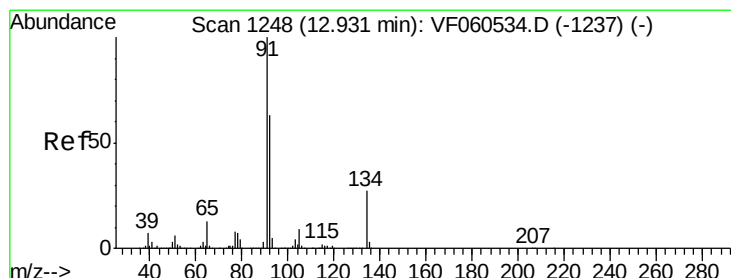
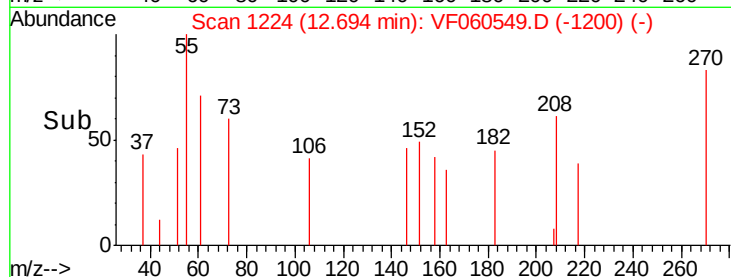
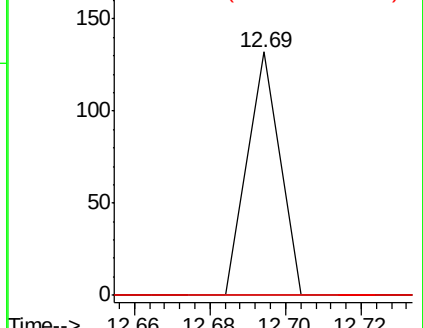
148 0.0 35.1 105.5#



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



#89

n-Butylbenzene

Concen: 7.415 ug/l

RT: 13.01 min Scan# 1256

Delta R.T. 0.08 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

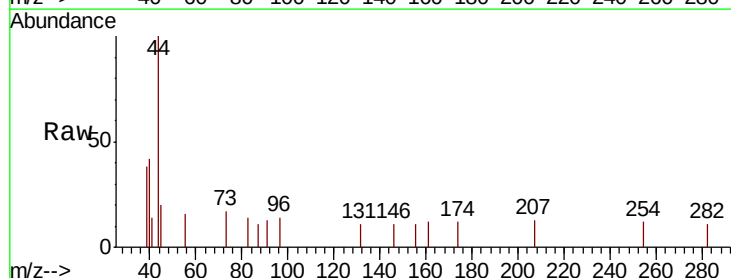
Tgt Ion: 91 Resp: 73

Ion Ratio Lower Upper

91 100

92 0.0 31.3 93.9#

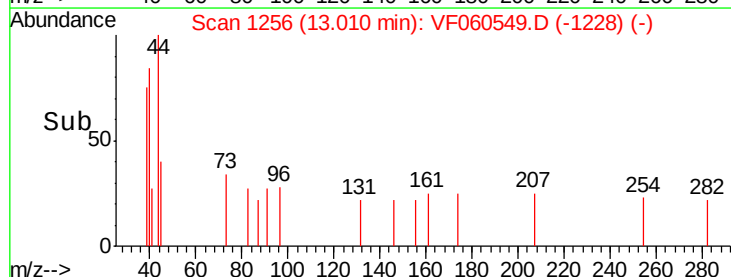
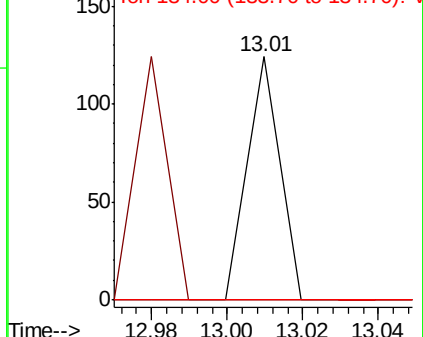
134 0.0 13.3 39.8#

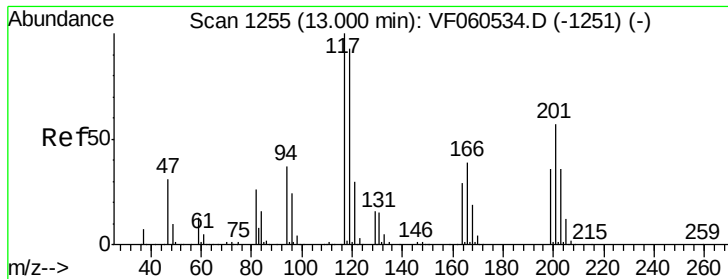


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 50.699 ug/l

RT: 12.99 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

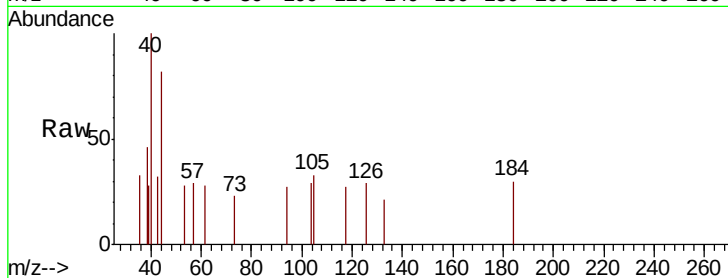
SB-2

Tot Ion:117 Resp: 79

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

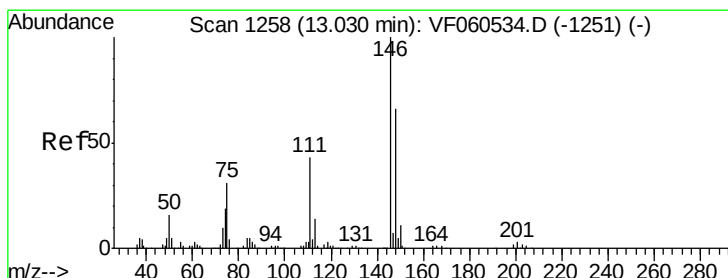
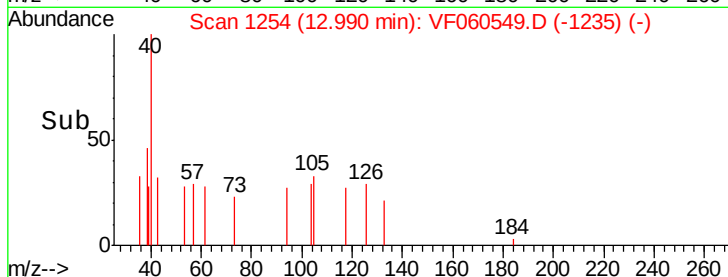
12.99

100

50

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 23.905 ug/l

RT: 13.01 min Scan# 1256

Delta R.T. -0.02 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

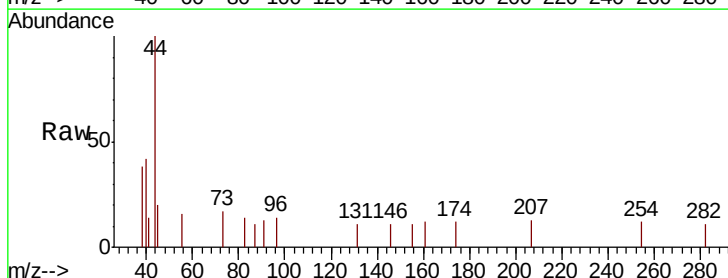
Tgt Ion:146 Resp: 62

Ion Ratio Lower Upper

146 100

111 0.0 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

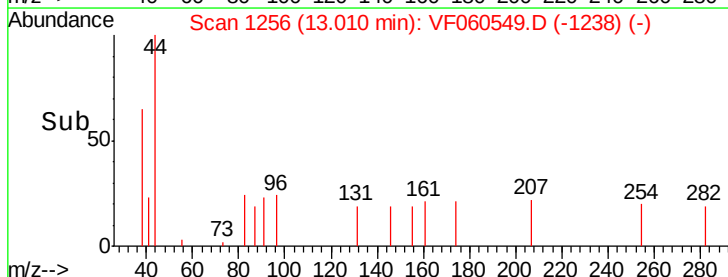
13.01

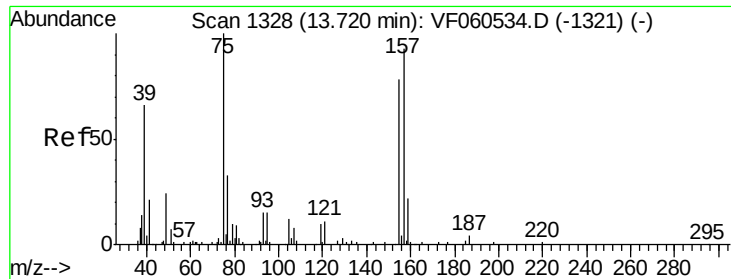
100

50

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 442.653 ug/l

RT: 13.83 min Scan# 1339

Delta R.T. 0.11 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

SB-2

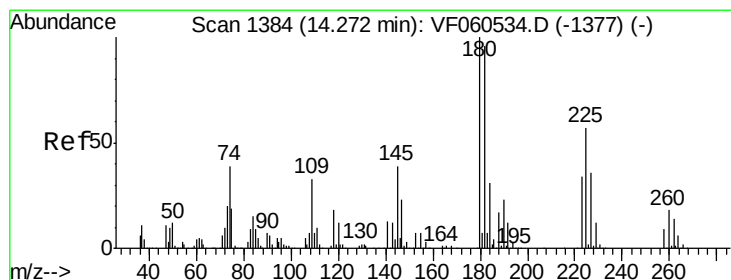
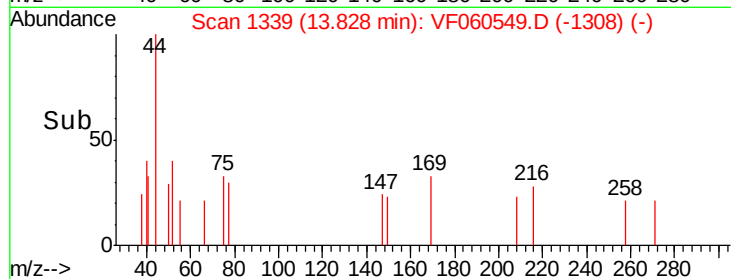
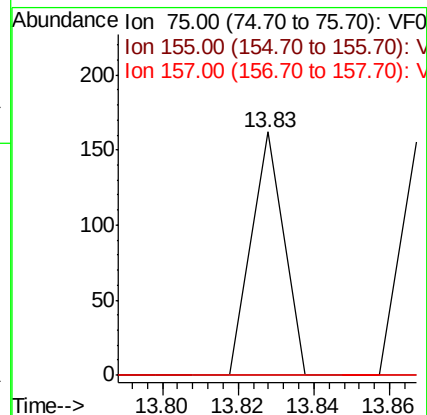
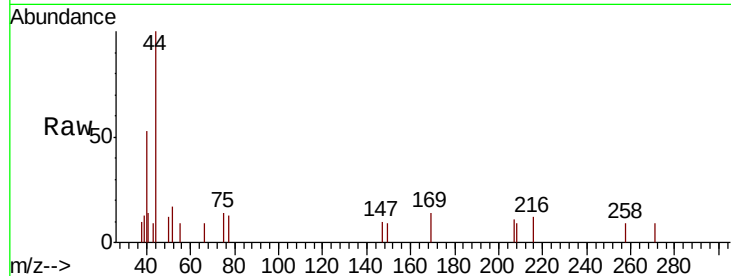
Tot Ion: 75 Resp: 96

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.5#

157 0.0 46.5 139.5#



#93

1,2,4-Trichlorobenzene

Concen: 31.400 ug/l

RT: 14.20 min Scan# 1377

Delta R.T. -0.07 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

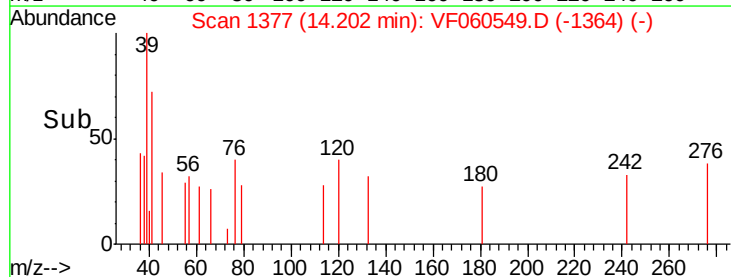
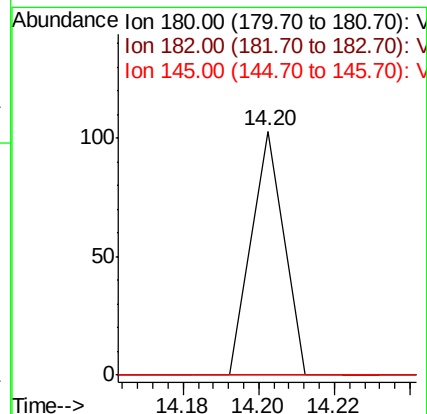
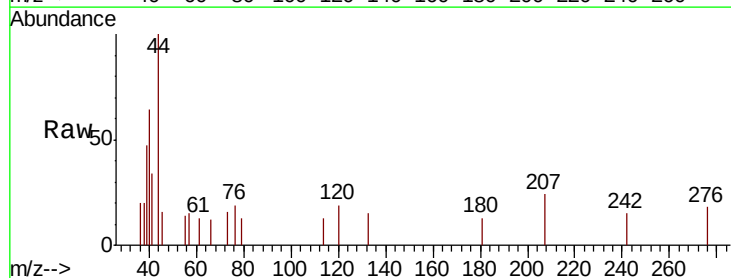
Tgt Ion: 180 Resp: 61

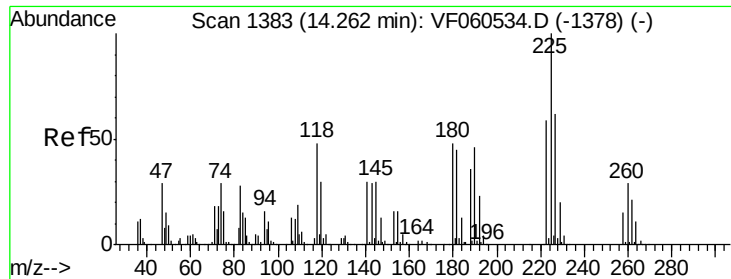
Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

145 0.0 19.5 58.5#





#94

Hexachlorobutadiene

Concen: 43.620 ug/l

RT: 14.26 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

Instrument :

MSVOA_F

ClientSampled :

SB-2

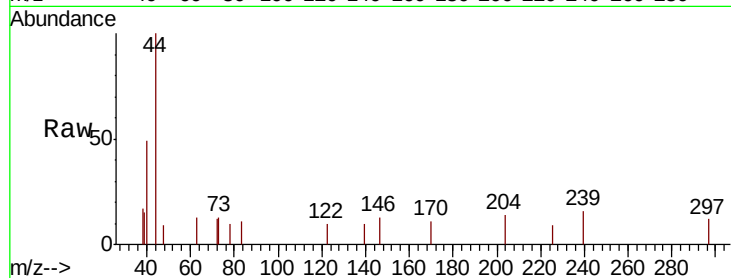
Tot Ion:225 Resp: 60

Ion Ratio Lower Upper

225 100

223 0.0 29.5 88.5#

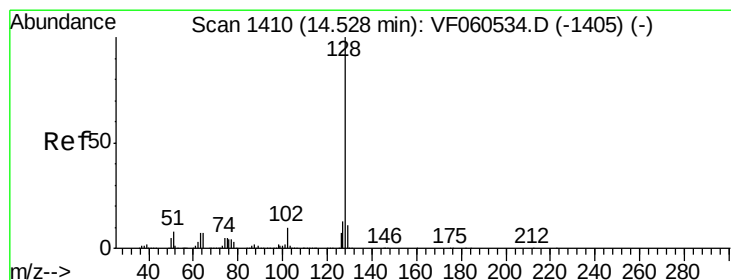
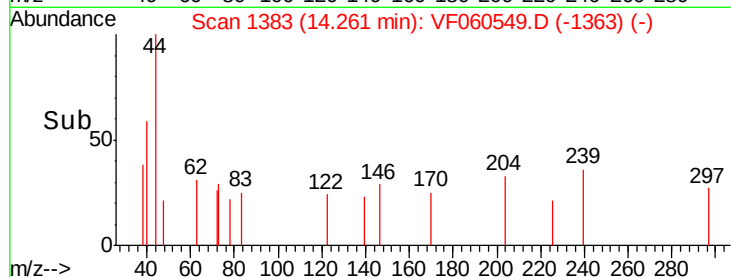
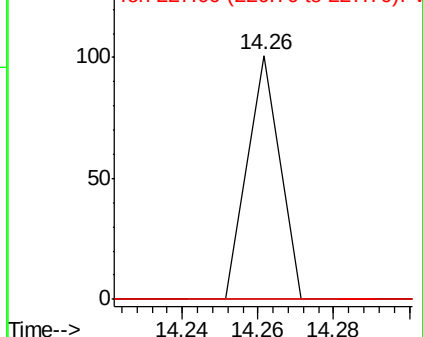
227 0.0 31.3 93.8#



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#95

Naphthalene

Concen: 23.280 ug/l

RT: 14.43 min Scan# 1400

Delta R.T. -0.10 min

Lab File: VF060549.D

Acq: 30 Oct 2018 17:17

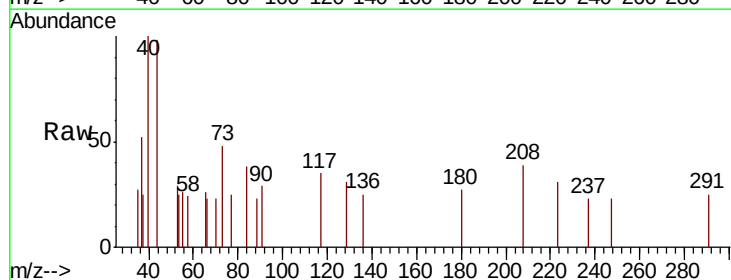
Tgt Ion:128 Resp: 80

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

