

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF103018\
 Data File : VF060547.D
 Acq On : 30 Oct 2018 16:19
 Operator : VA/AP
 Sample : J5711-04
 Misc : 5.02/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4

Quant Time: Oct 31 04:51:32 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	4713	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	5721	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	2123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.74	152	109	50.00	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	1681	23.12	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	46.24%	
35) Dibromofluoromethane	4.28	113	2967	54.05	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	108.10%	
50) Toluene-d8	7.72	98	6804	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.51	95	3086	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.96	85	88	Below Cal	# 41
3) Chloromethane	1.10	50	7089	150.831	ug/l # 73
4) Vinyl Chloride	1.30	62	65	1.150	ug/l # 43
5) Bromomethane	1.43	94	146	3.288	ug/l # 4
6) Chloroethane	1.45	64	92	3.127	ug/l # 33
8) Diethyl Ether	1.80	74	73	4.275	ug/l # 1
11) Tert butyl alcohol	2.64	59	62	Below Cal	# 1
12) 1,1-Dichloroethene	1.83	96	104	1.964	ug/l # 1
13) Acrolein	2.04	56	4706	1799.137	ug/l 95
14) Allyl chloride	2.29	41	50786	603.036	ug/l # 26
15) Acrylonitrile	3.17	53	907	124.773	ug/l 90
16) Acetone	2.29	43	14002	1031.536	ug/l 98
18) Methyl Acetate	2.48	43	49920	2108.662	ug/l # 62
19) Methyl tert-butyl Ether	2.49	73	137	1.154	ug/l # 1
20) Methylene Chloride	2.29	84	239	4.082	ug/l # 1
21) trans-1,2-Dichloroethene	2.44	96	173	3.194	ug/l # 1
22) Diisopropyl ether	2.97	45	196	1.281	ug/l # 47
23) Vinyl Acetate	3.30	43	491	8.653	ug/l # 78
25) 2-Butanone	4.52	43	6955	427.950	ug/l # 54
27) cis-1,2-Dichloroethene	3.66	96	90	1.378	ug/l 4
28) Bromochloromethane	3.88	49	354	8.903	ug/l # 10
29) Tetrahydrofuran	4.18	42	4781	818.318	ug/l # 1
30) Chloroform	4.08	83	244	1.750	ug/l # 15
31) Cyclohexane	3.87	56	65727	833.906	ug/l 97
36) 1,1-Dichloropropene	4.47	75	132	1.852	ug/l # 44
37) Ethyl Acetate	4.21	43	24232	1050.085	ug/l # 1
39) Methylcyclohexane	5.64	83	87963	1221.989	ug/l 93
41) Methacrylonitrile	4.95	41	1639	124.254	ug/l # 40
42) 1,2-Dichloroethane	5.13	62	151	2.300	ug/l # 1
43) Isopropyl Acetate	7.15	43	399	14.285	ug/l # 43
44) Trichloroethene	5.67	130	69	1.510	ug/l 18
45) 1,2-Dichloropropane	6.50	63	70	1.984	ug/l # 42
46) Dibromomethane	6.17	93	70	2.527	ug/l # 9
47) Bromodichloromethane	6.56	83	108	1.519	ug/l # 11

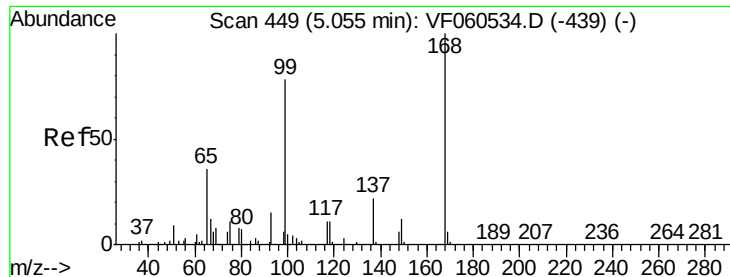
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF103018\
 Data File : VF060547.D
 Acq On : 30 Oct 2018 16:19
 Operator : VA/AP
 Sample : J5711-04
 Misc : 5.02/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4

Quant Time: Oct 31 04:51:32 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)
48) Methyl methacrylate	6.82	41	3806	197.549	ug/l #	69
49) 1,4-Dioxane	6.77	88	163	909.483	ug/l #	1
51) 4-Methyl-2-Pentanone	8.43	43	6710	331.641	ug/l #	47
53) t-1,3-Dichloropropene	8.43	75	139	2.503	ug/l #	1
54) cis-1,3-Dichloropropene	7.48	75	84	1.276	ug/l #	1
55) 1,1,2-Trichloroethane	8.64	97	156	5.673	ug/l #	1
56) Ethyl methacrylate	8.78	69	20671	669.909	ug/l #	78
57) 1,3-Dichloropropane	9.00	76	150	3.223	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.79	63	161	50.626	ug/l	100
59) 2-Hexanone	9.61	43	750	49.121	ug/l #	29
61) 1,2-Dibromoethane	9.14	107	91	2.858	ug/l #	4
64) Tetrachloroethene	8.34	164	90	5.015	ug/l #	1
65) Chlorobenzene	9.87	112	182	4.261	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.13	131	74	3.802	ug/l #	59
67) Ethyl Benzene	10.05	91	183	2.242	ug/l #	47
68) m/p-Xylenes	10.27	106	63	2.260	ug/l #	1
69) o-Xylene	10.72	106	235	7.487	ug/l #	1
70) Styrene	10.81	104	62	1.401	ug/l #	27
71) Bromoform	10.75	173	65	6.475	ug/l #	34
73) Isopropylbenzene	11.23	105	66	7.921	ug/l #	1
74) N-amyl acetate	11.46	43	752	450.676	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.76	83	1673	1203.279	ug/l #	25
76) 1,2,3-Trichloropropane	11.89	75	71	67.884	ug/l #	41
77) Bromobenzene	11.69	156	69	37.638	ug/l #	26
78) n-propylbenzene	11.71	91	333	33.695	ug/l #	55
79) 2-Chlorotoluene	11.81	91	766	129.499	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.92	105	96	13.334	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.96	75	71	155.414	ug/l #	1
82) 4-Chlorotoluene	11.98	91	259	42.232	ug/l #	44
83) tert-Butylbenzene	12.16	119	62	8.887	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.28	105	65	8.888	ug/l #	32
85) sec-Butylbenzene	12.38	105	173	17.693	ug/l #	58
86) p-Isopropyltoluene	12.62	119	69	8.598	ug/l #	48
87) 1,3-Dichlorobenzene	12.68	146	77	21.042	ug/l #	1
88) 1,4-Dichlorobenzene	12.68	146	77	22.295	ug/l #	1
89) n-Butylbenzene	12.92	91	77	4.310	ug/l #	28
90) Hexachloroethane	12.99	117	84	40.555	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.76	75	88	305.255	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.25	180	65	25.171	ug/l #	12
94) Hexachlorobutadiene	14.19	225	66	36.097	ug/l #	20
96) 1,2,3-Trichlorobenzene	14.54	180	109	44.345	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.02 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

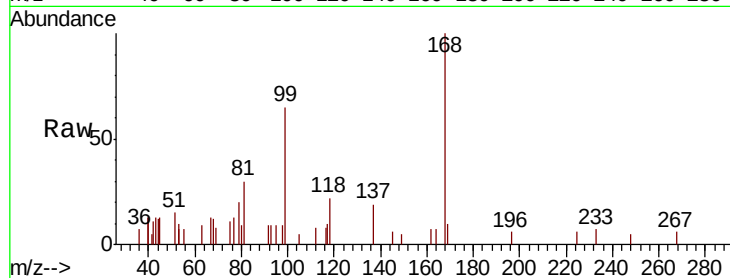
SB-4

Tot Ion:168 Resp: 4713

Ion Ratio Lower Upper

168 100

99 64.8 62.6 93.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

2000

1500

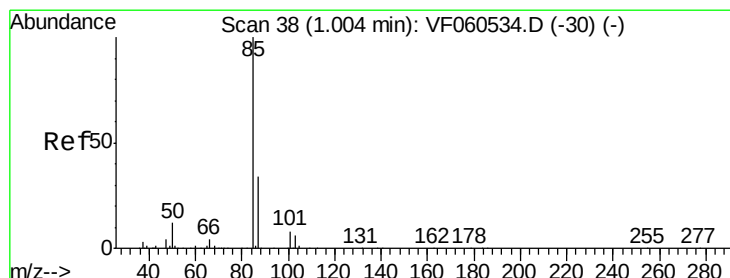
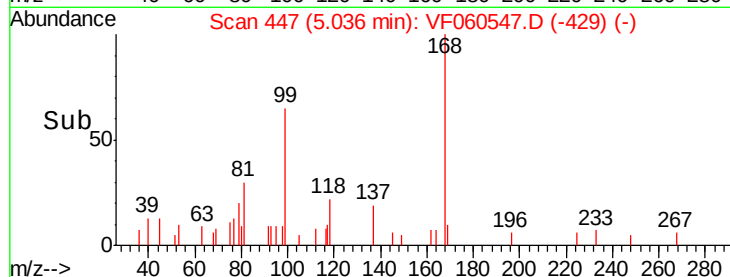
1000

500

0

4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.96 min Scan# 33

Delta R.T. -0.05 min

Lab File: VF060547.D

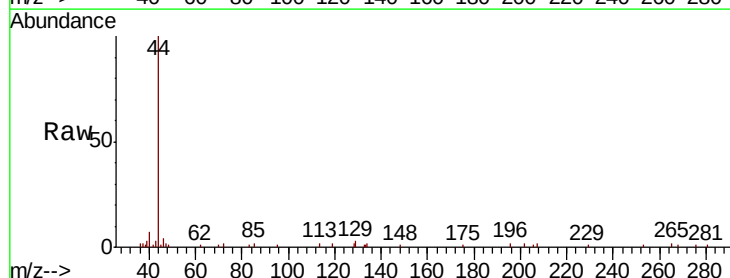
Acq: 30 Oct 2018 16:19

Tgt Ion: 85 Resp: 88

Ion Ratio Lower Upper

85 100

87 0.0 16.9 50.7#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

150

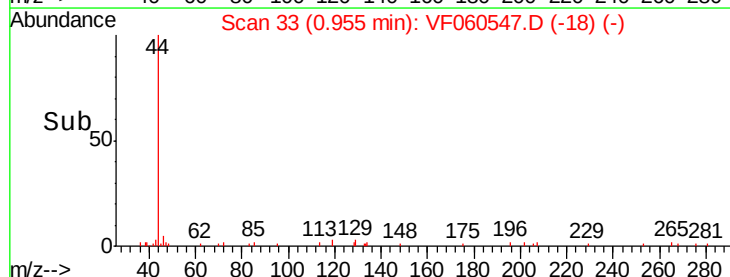
100

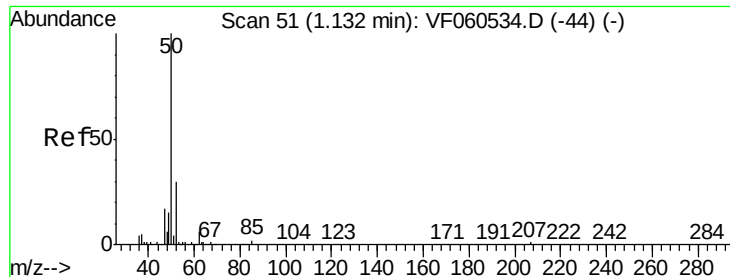
50

0

0.92 0.94 0.96 0.98

Time-->





#3

Chloromethane

Concen: 150.831 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.03 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampleId :

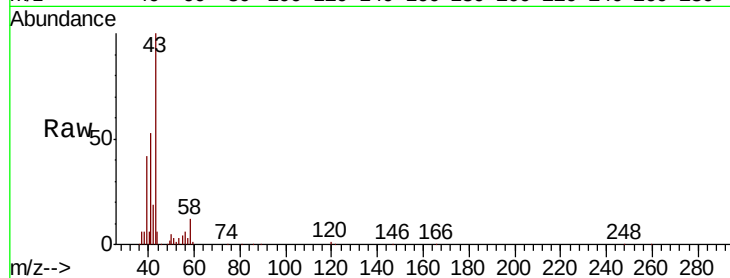
SB-4

Tot Ion: 50 Resp: 7089

Ion Ratio Lower Upper

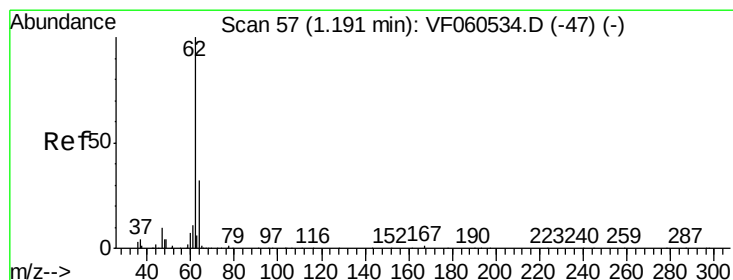
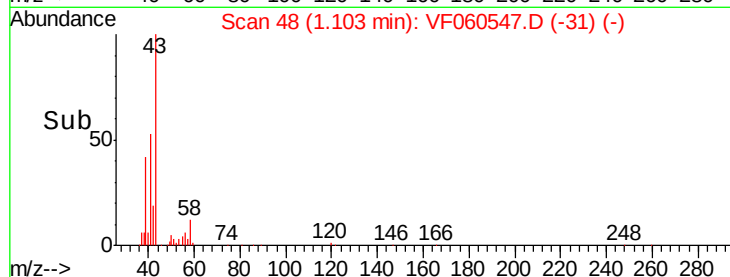
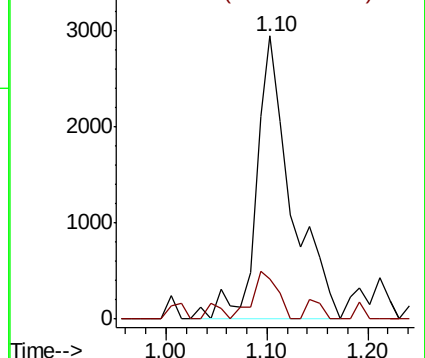
50 100

52 14.3 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: 1.150 ug/l

RT: 1.30 min Scan# 68

Delta R.T. 0.11 min

Lab File: VF060547.D

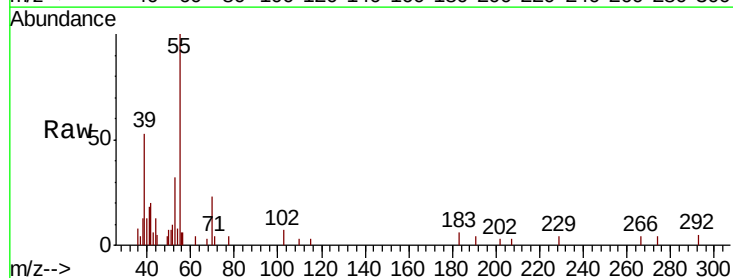
Acq: 30 Oct 2018 16:19

Tgt Ion: 62 Resp: 65

Ion Ratio Lower Upper

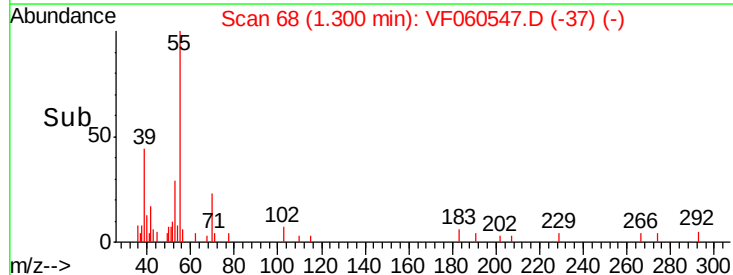
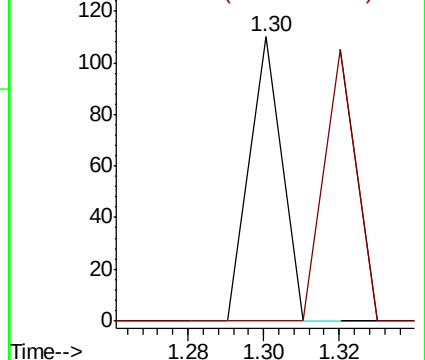
62 100

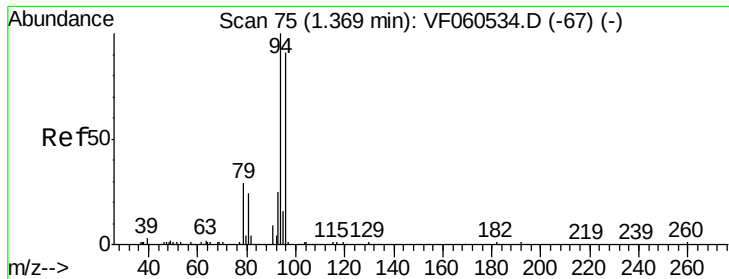
64 0.0 25.3 37.9#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 3.288 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.06 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

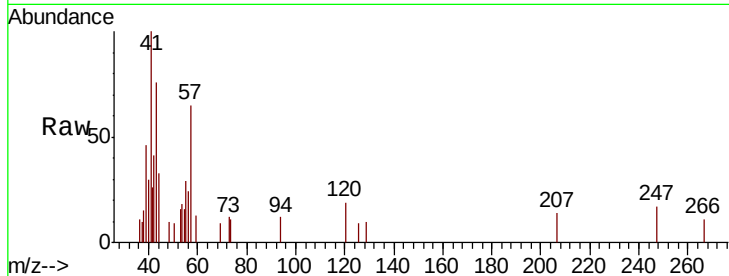
SB-4

Tot Ion: 94 Resp: 146

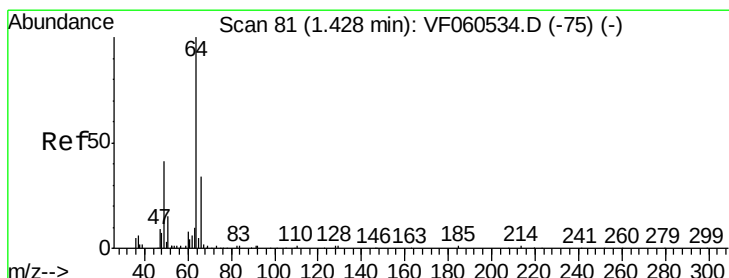
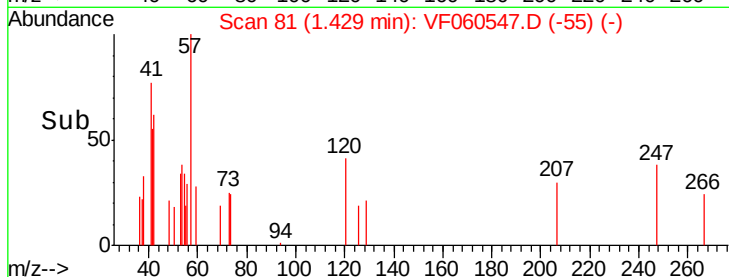
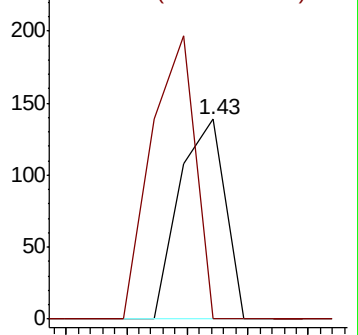
Ion Ratio Lower Upper

94 100

96 0.0 73.2 109.8#



Abundance Ion 94.00 (93.70 to 94.70): VF0



#6

Chloroethane

Concen: 3.127 ug/l

RT: 1.45 min Scan# 83

Delta R.T. 0.02 min

Lab File: VF060547.D

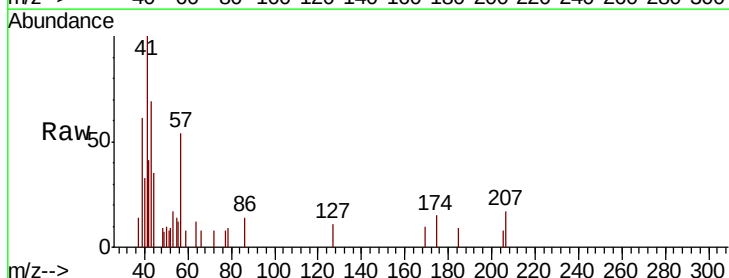
Acq: 30 Oct 2018 16:19

Tgt Ion: 64 Resp: 92

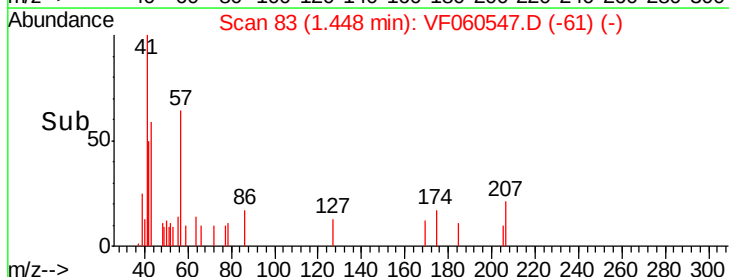
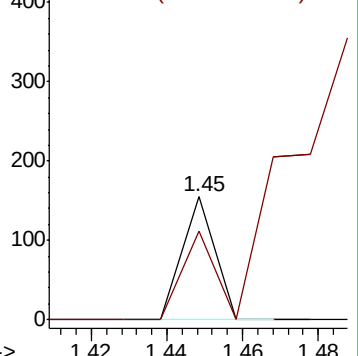
Ion Ratio Lower Upper

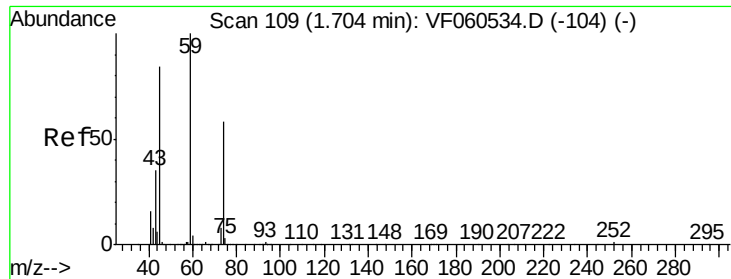
64 100

66 72.3 27.1 40.7#



Abundance Ion 64.00 (63.70 to 64.70): VF0





#8

Diethyl Ether

Concen: 4.275 ug/l

RT: 1.80 min Scan# 119

Delta R.T. 0.10 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

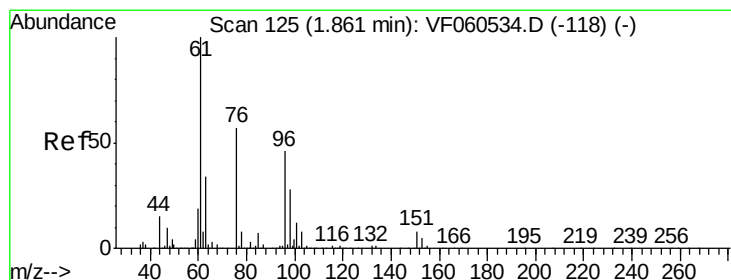
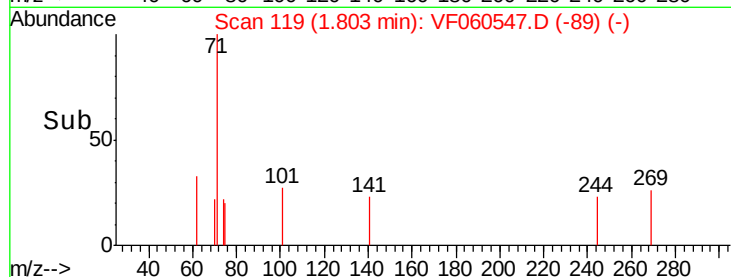
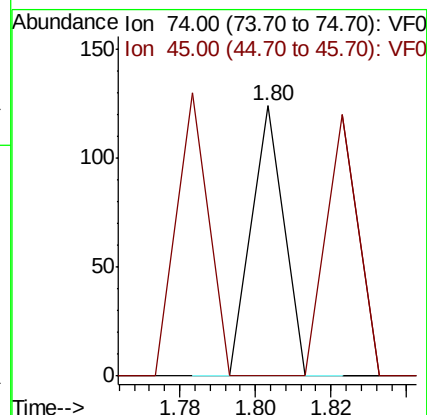
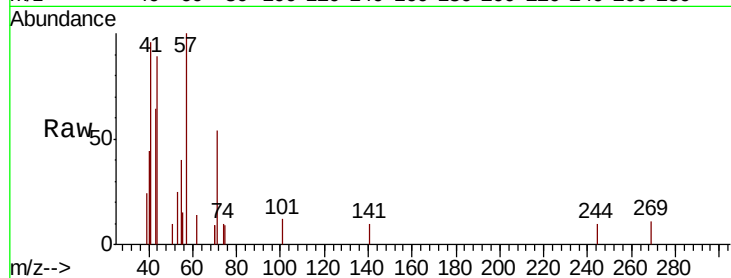
SB-4

Tot Ion: 74 Resp: 73

Ion Ratio Lower Upper

74 100

45 0.0 72.9 218.6#



#12

1,1-Dichloroethene

Concen: 1.964 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.03 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

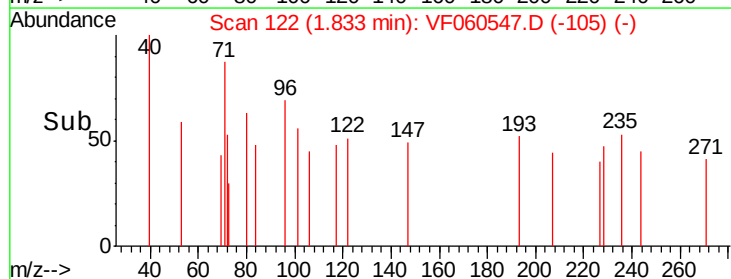
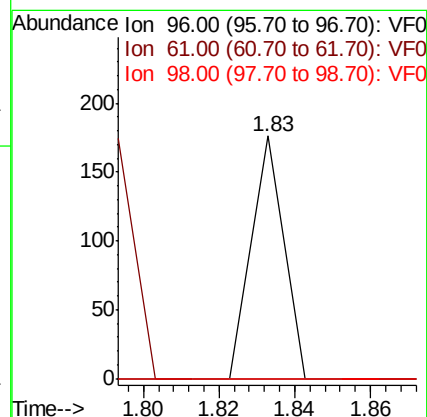
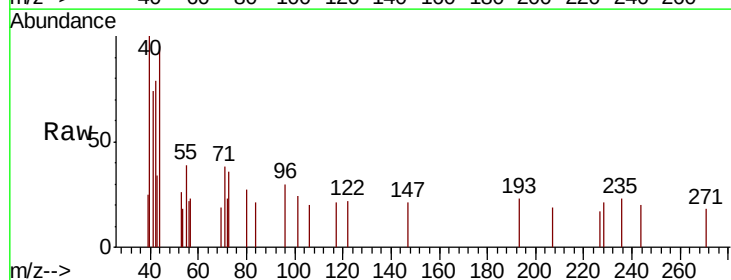
Tgt Ion: 96 Resp: 104

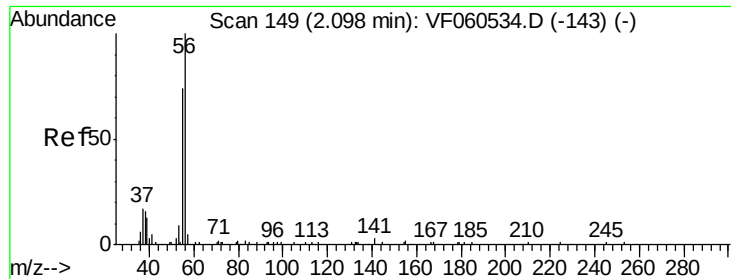
Ion Ratio Lower Upper

96 100

61 0.0 175.4 263.2#

98 0.0 48.9 73.3#

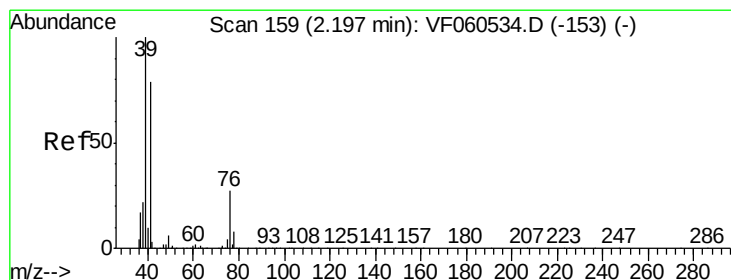
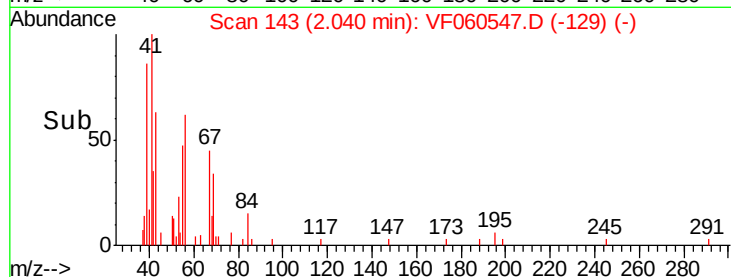
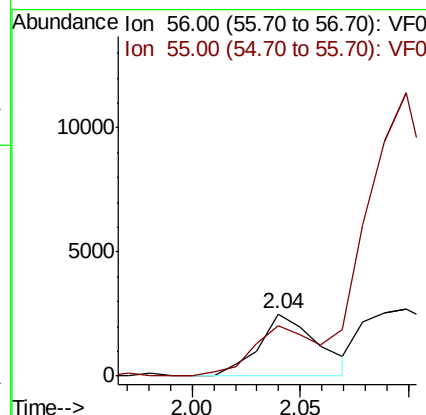
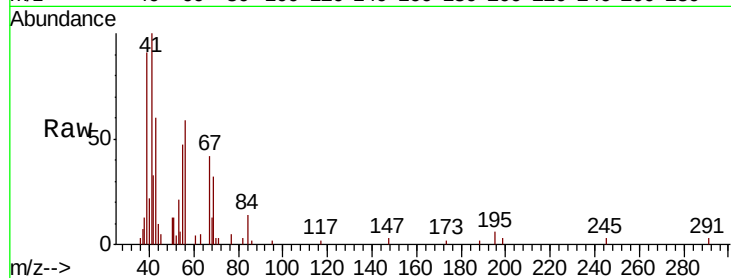




#13
Acrolein
Concen: 1799.137 ug/l
RT: 2.04 min Scan# 143
Delta R.T. -0.06 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

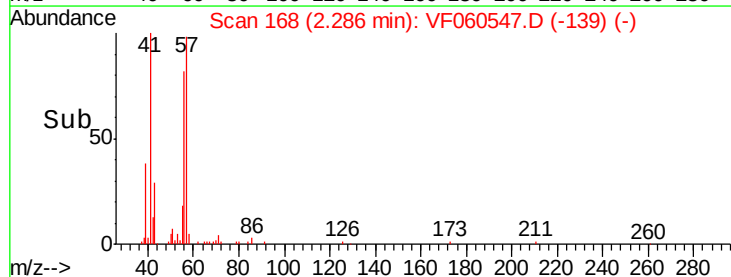
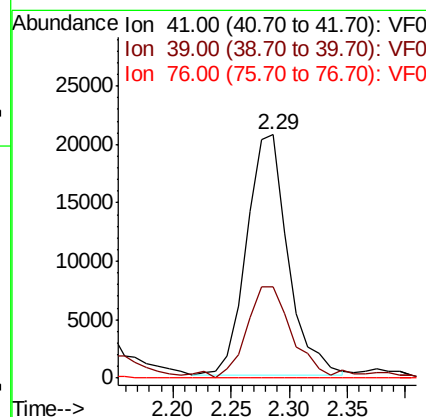
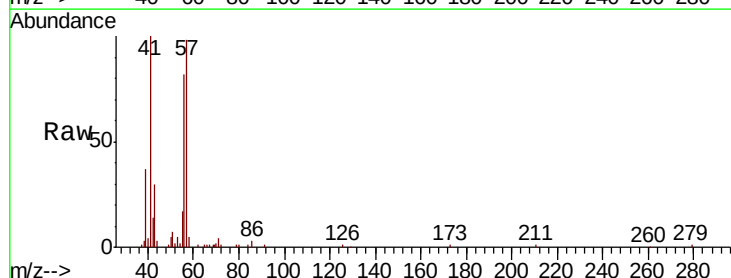
Instrument :
MSVOA_F
ClientSampleId :
SB-4

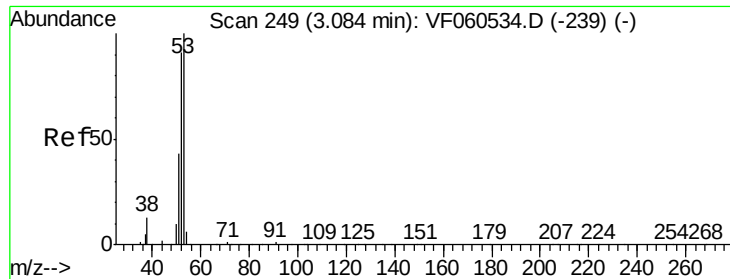
Tot Ion: 56 Resp: 4706
Ion Ratio Lower Upper
56 100
55 79.8 60.4 90.6



#14
Allyl chloride
Concen: 603.036 ug/l
RT: 2.29 min Scan# 168
Delta R.T. 0.09 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 41 Resp: 50786
Ion Ratio Lower Upper
41 100
39 37.3 100.6 151.0#
76 0.0 27.6 41.4#





#15

Acrylonitrile

Concen: 124.773 ug/l

RT: 3.17 min Scan# 258

Delta R.T. 0.09 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampleId :

SB-4

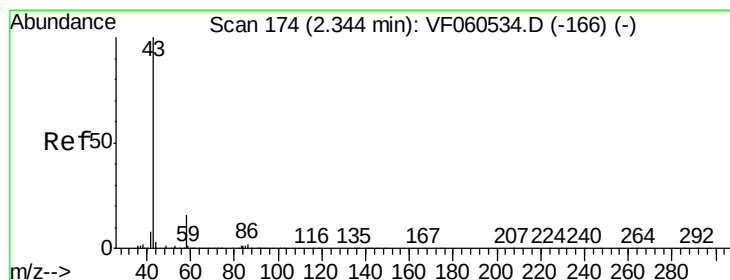
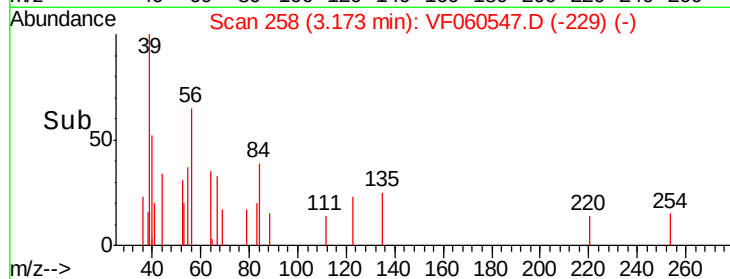
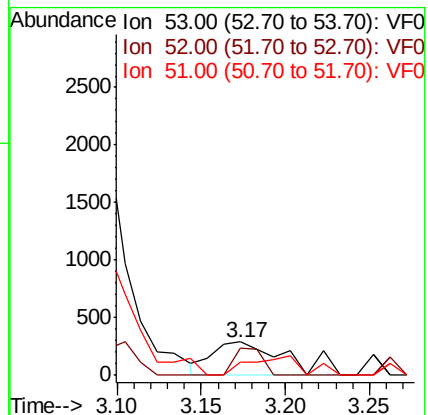
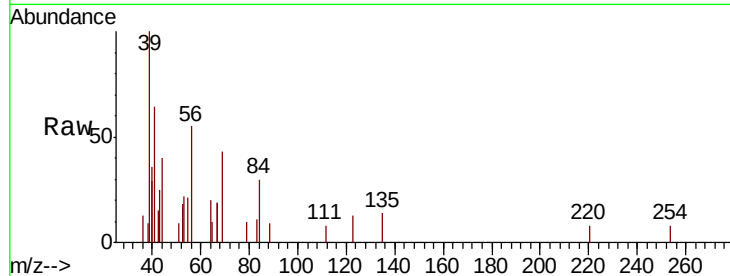
Tot Ion: 53 Resp: 907

Ion Ratio Lower Upper

53 100

52 80.0 73.2 109.8

51 40.0 35.0 52.4



#16

Acetone

Concen: 1031.536 ug/l

RT: 2.29 min Scan# 168

Delta R.T. -0.06 min

Lab File: VF060547.D

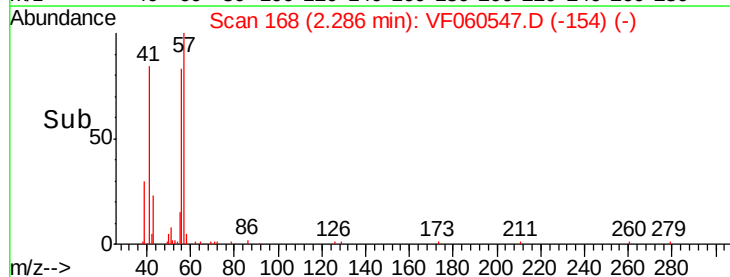
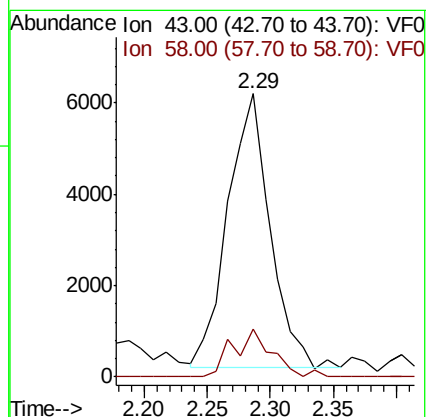
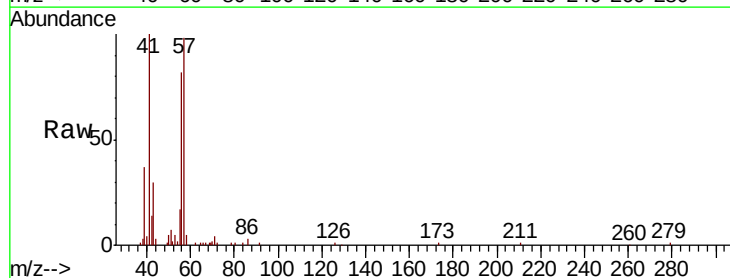
Acq: 30 Oct 2018 16:19

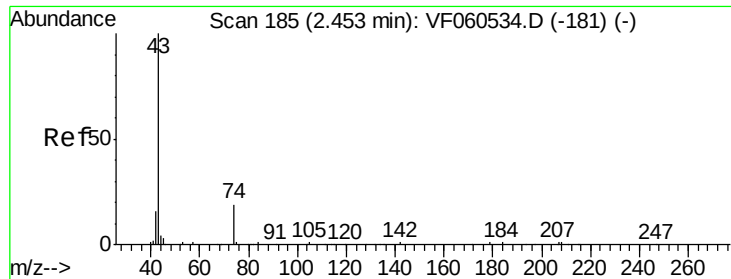
Tgt Ion: 43 Resp: 14002

Ion Ratio Lower Upper

43 100

58 17.0 12.8 19.2

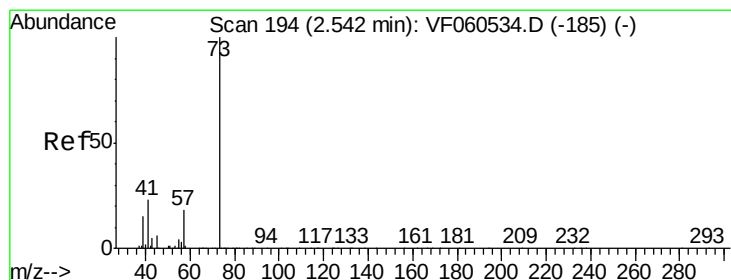
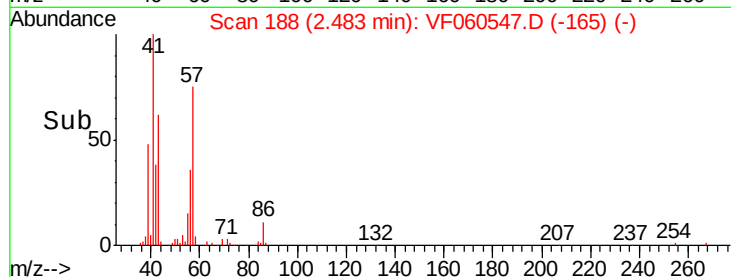
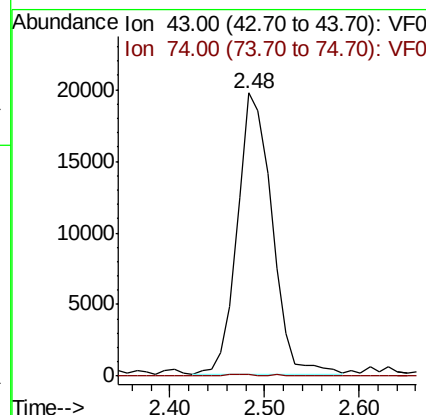
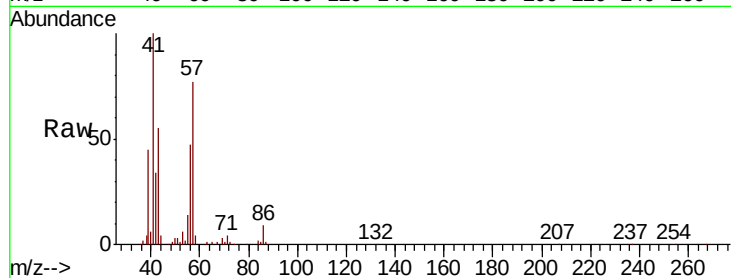




#18
Methyl Acetate
Concen: 2108.662 ug/l
RT: 2.48 min Scan# 188
Delta R.T. 0.03 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

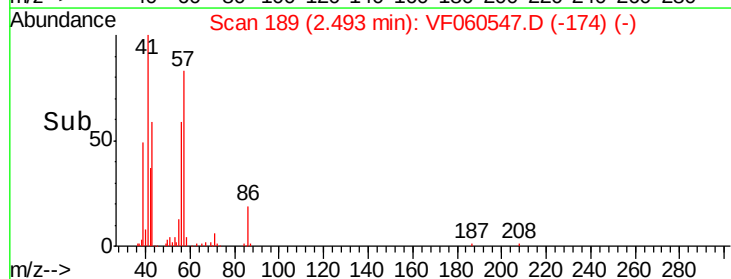
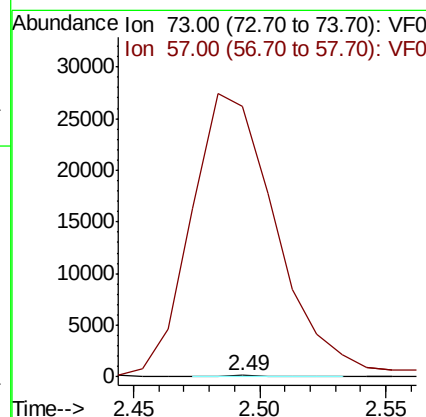
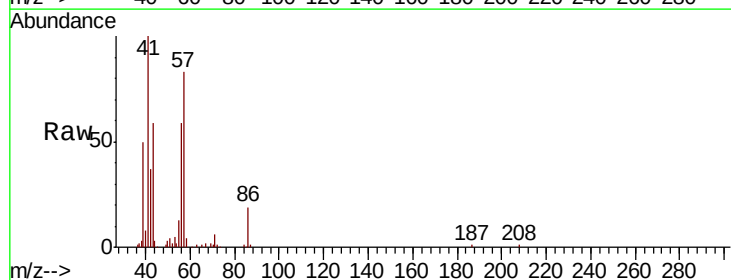
Instrument :
MSVOA_F
ClientSampleId :
SB-4

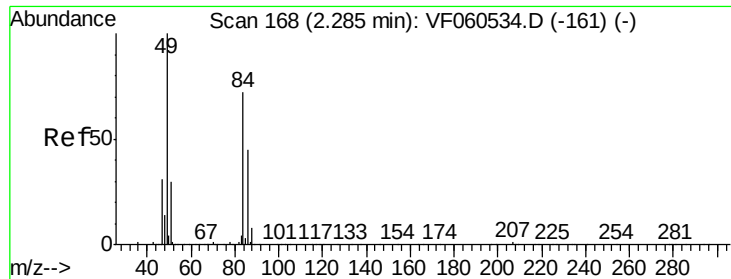
Tot Ion: 43 Resp: 49920
Ion Ratio Lower Upper
43 100
74 0.6 13.5 20.3#



#19
Methyl tert-butyl Ether
Concen: 1.154 ug/l
RT: 2.49 min Scan# 189
Delta R.T. -0.05 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 73 Resp: 137
Ion Ratio Lower Upper
73 100
57 21462.3 14.7 22.1#

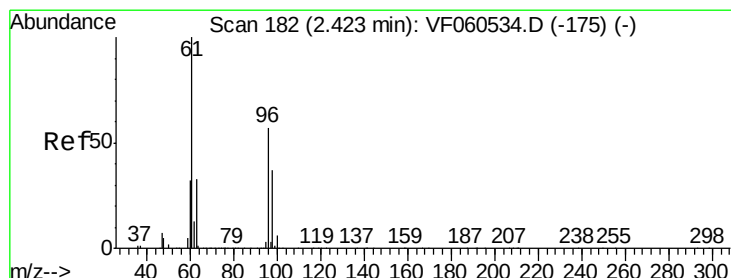
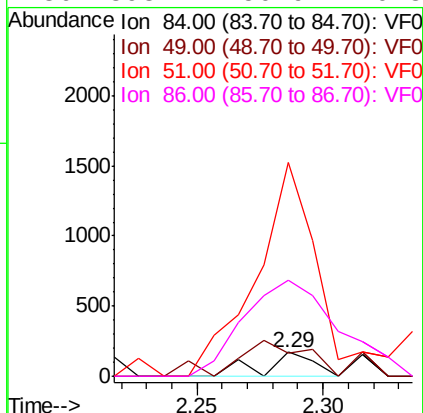
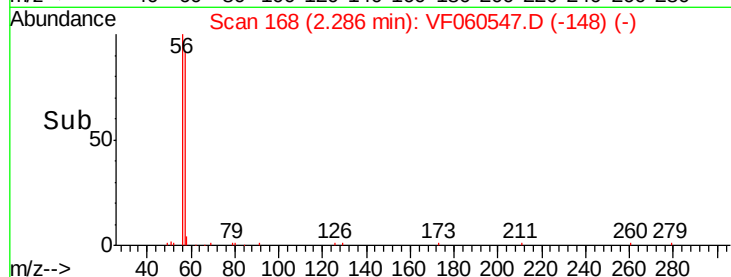
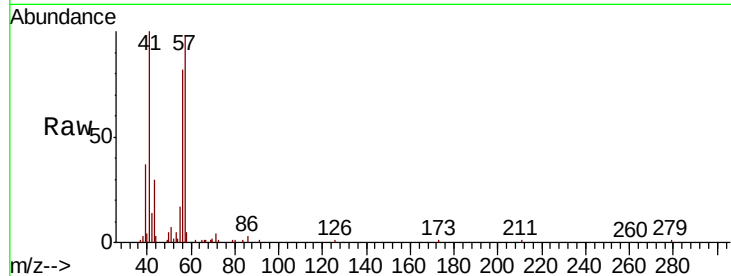




#20
Methylene Chloride
Concen: 4.082 ug/l
RT: 2.29 min Scan# 168
Delta R.T. 0.00 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

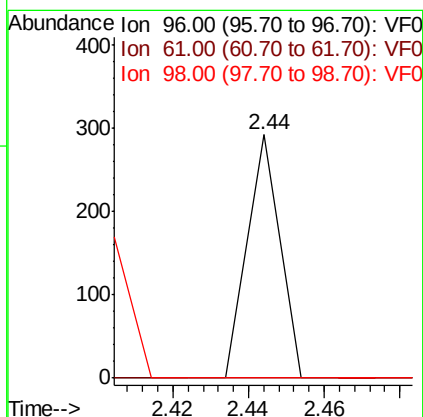
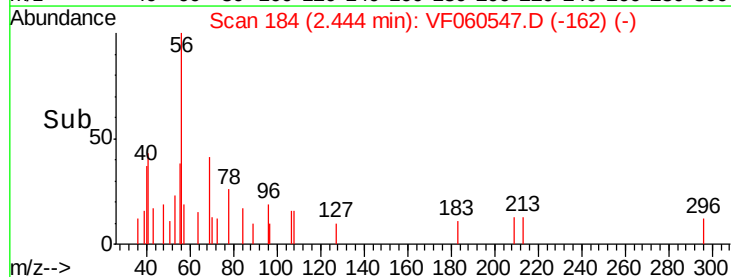
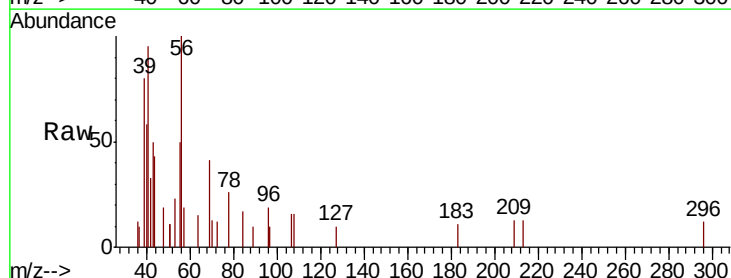
Instrument :
MSVOA_F
ClientSampleId :
SB-4

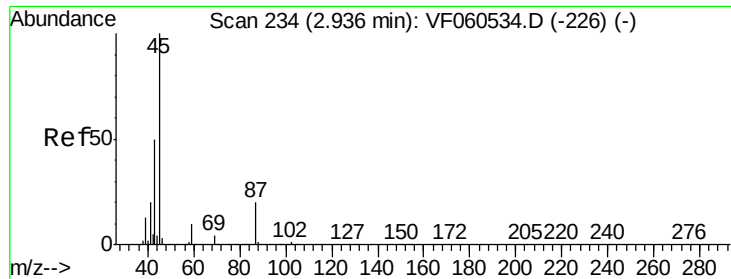
Tot Ion:	84	Resp:	239
Ion	Ratio	Lower	Upper
84	100		
49	94.2	115.4	173.0#
51	891.2	35.4	53.2#
86	398.2	50.9	76.3#



#21
trans-1,2-Dichloroethene
Concen: 3.194 ug/l
RT: 2.44 min Scan# 184
Delta R.T. 0.02 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion:	96	Resp:	173
Ion	Ratio	Lower	Upper
96	100		
61	0.0	139.8	209.6#
98	0.0	52.2	78.4#

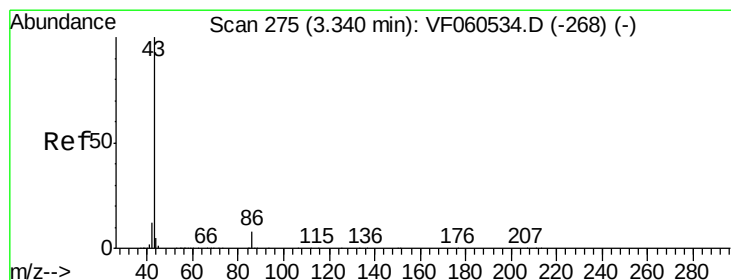
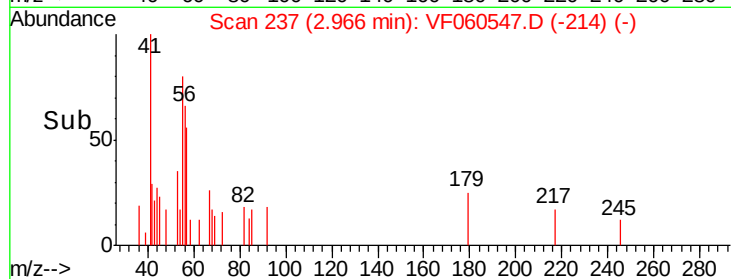
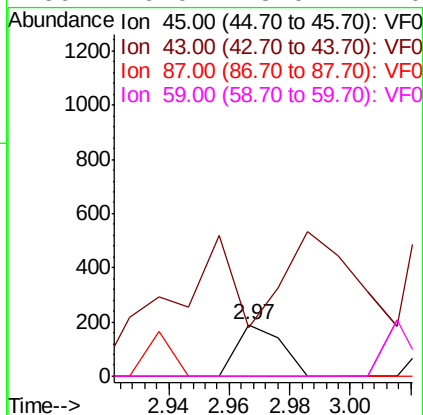
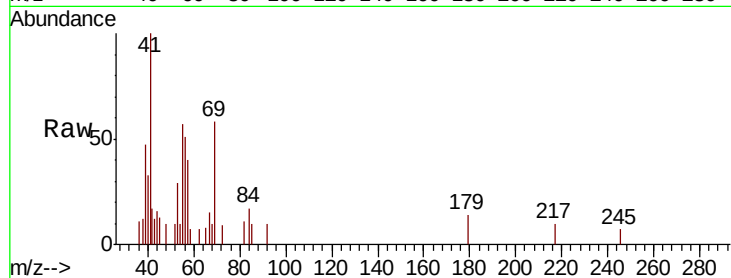




#22
Diisopropyl ether
Concen: 1.281 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.03 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

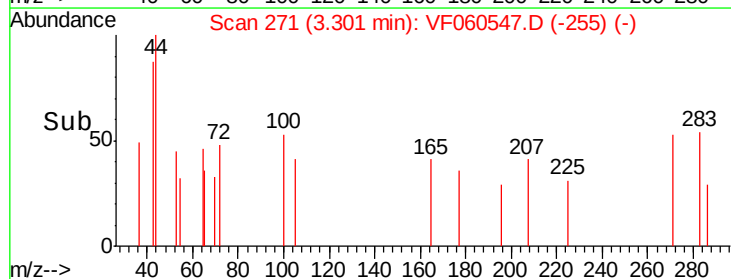
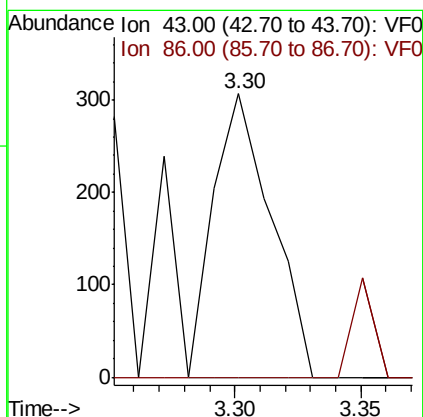
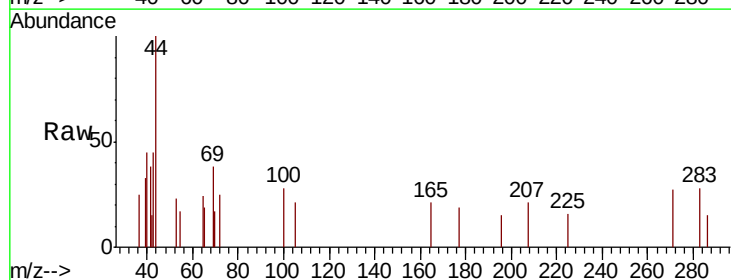
Instrument :
MSVOA_F
ClientSampled :
SB-4

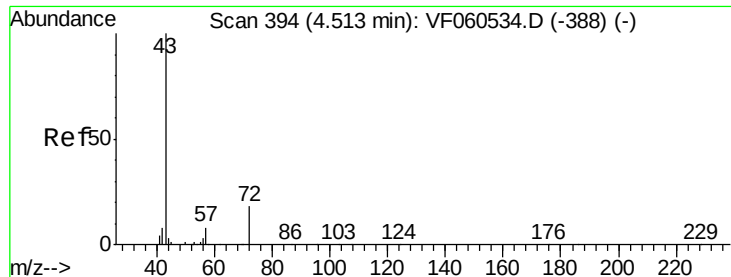
Tot Ion:	45	Resp:	196
Ion	Ratio	Lower	Upper
45	100		
43	93.2	40.6	60.8#
87	0.0	15.9	23.9#
59	0.0	8.0	12.0#



#23
Vinyl Acetate
Concen: 8.653 ug/l
RT: 3.30 min Scan# 271
Delta R.T. -0.04 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion:	43	Resp:	491
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.2#





#25

2-Butanone

Concen: 427.950 ug/l

RT: 4.52 min Scan# 395

Delta R.T. 0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

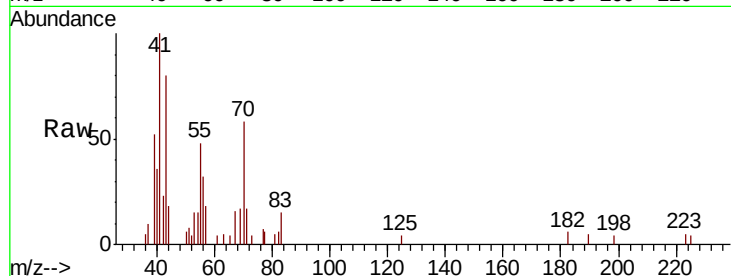
SB-4

Tot Ion: 43 Resp: 6955

Ion Ratio Lower Upper

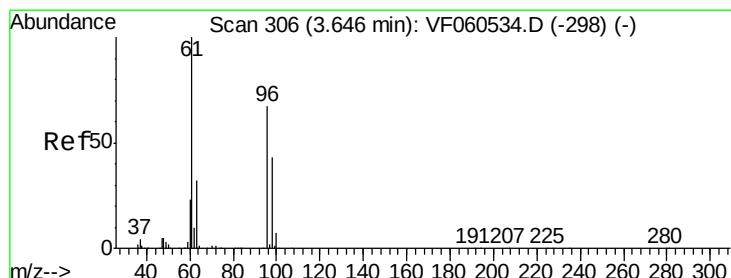
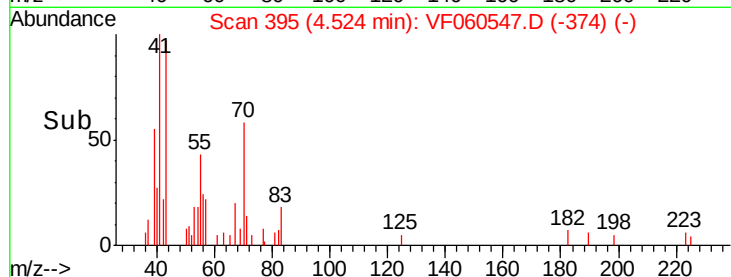
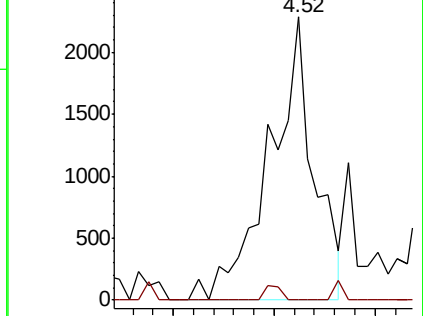
43 100

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



#27

cis-1,2-Dichloroethene

Concen: 1.378 ug/l

RT: 3.66 min Scan# 307

Delta R.T. 0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

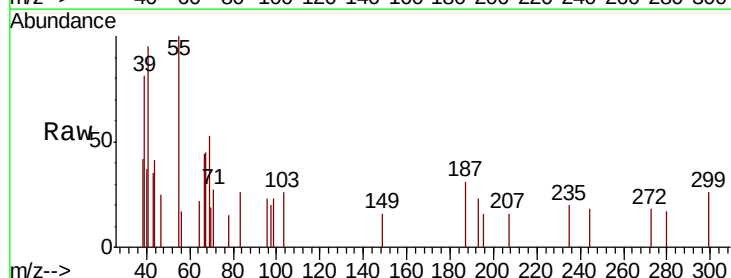
Tgt Ion: 96 Resp: 90

Ion Ratio Lower Upper

96 100

61 0.0 0.0 300.8

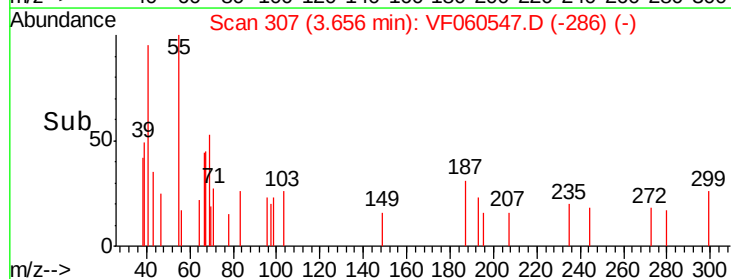
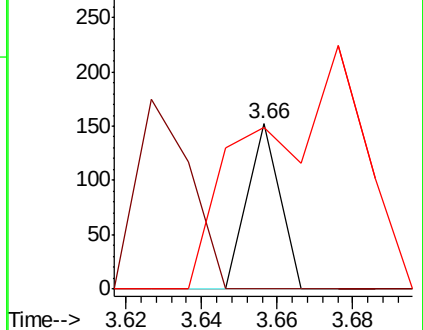
98 98.0 0.0 128.4

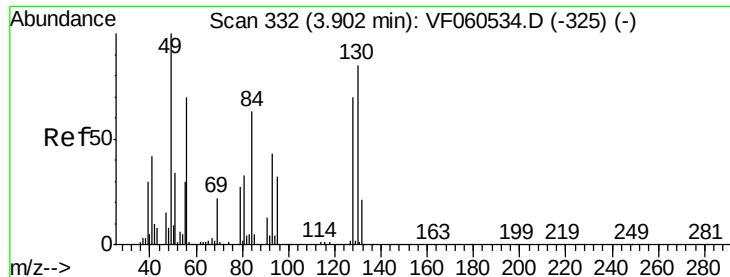


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#28

Bromochloromethane

Concen: 8.903 ug/l

RT: 3.88 min Scan# 330

Delta R.T. -0.02 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

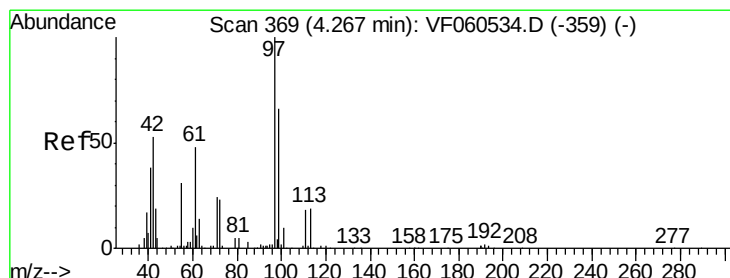
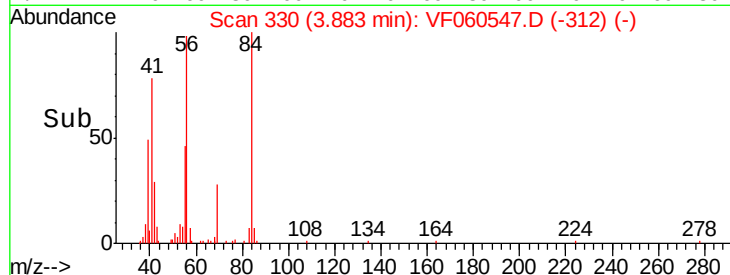
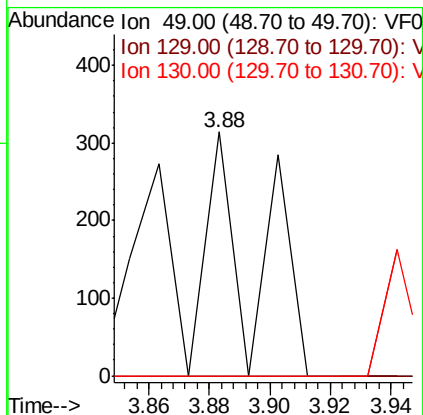
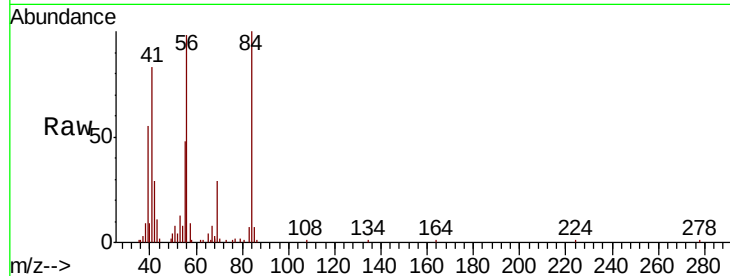
Tot Ion: 49 Resp: 354

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 0.0 67.5 101.3#



#29

Tetrahydrofuran

Concen: 818.318 ug/l

RT: 4.18 min Scan# 360

Delta R.T. -0.09 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

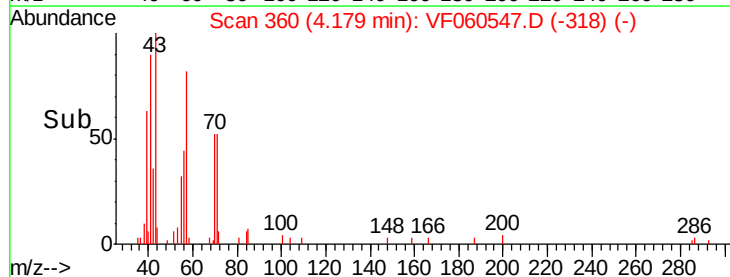
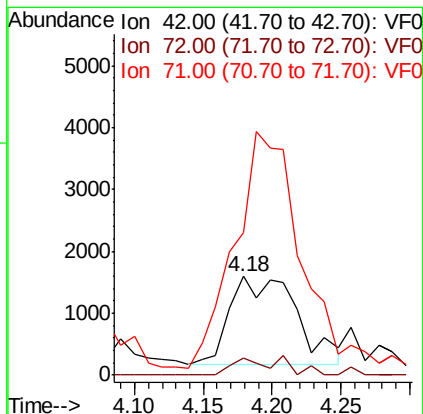
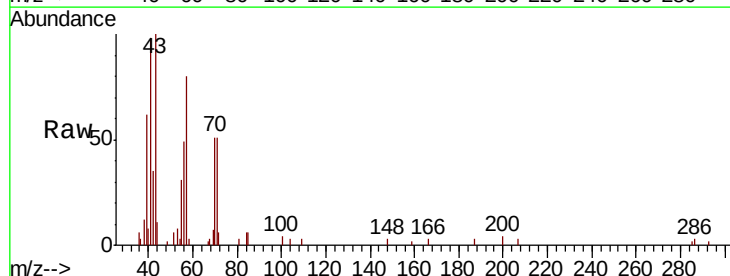
Tgt Ion: 42 Resp: 4781

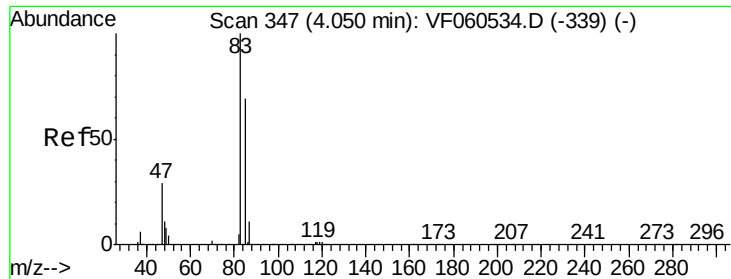
Ion Ratio Lower Upper

42 100

72 8.8 32.5 48.7#

71 296.5 34.5 51.7#

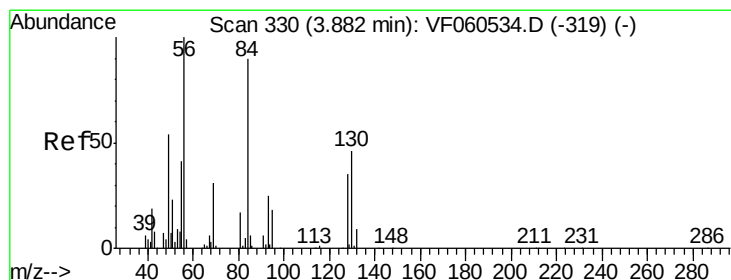
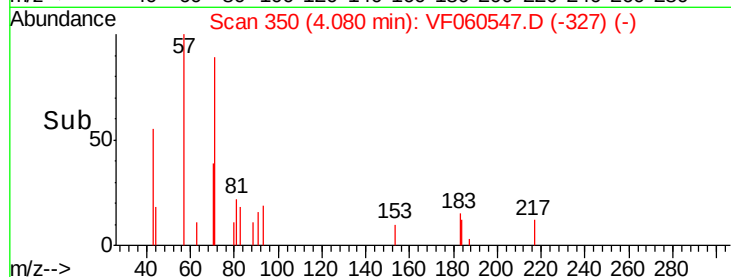
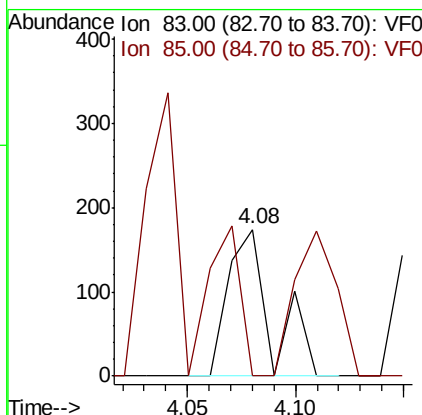
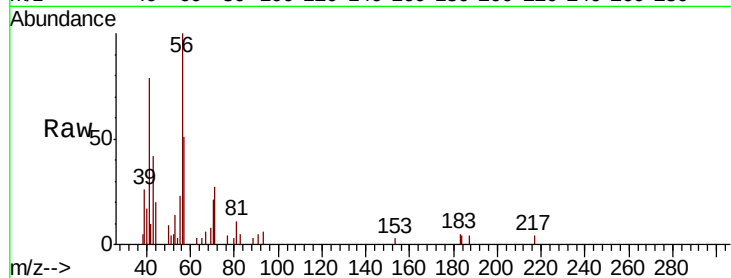




#30
Chloroform
Concen: 1.750 ug/l
RT: 4.08 min Scan# 350
Delta R.T. 0.03 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

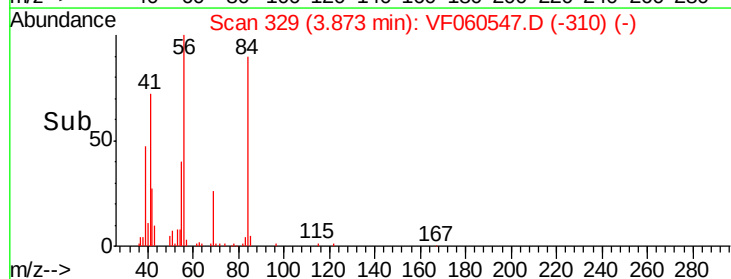
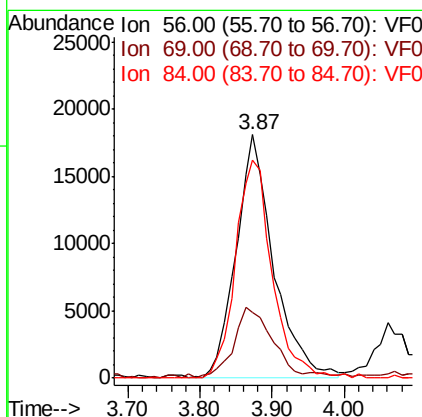
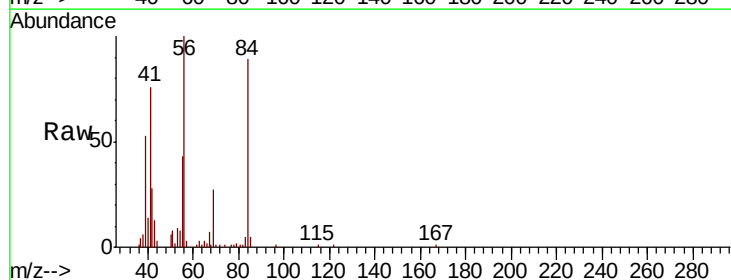
Instrument :
MSVOA_F
ClientSampled :
SB-4

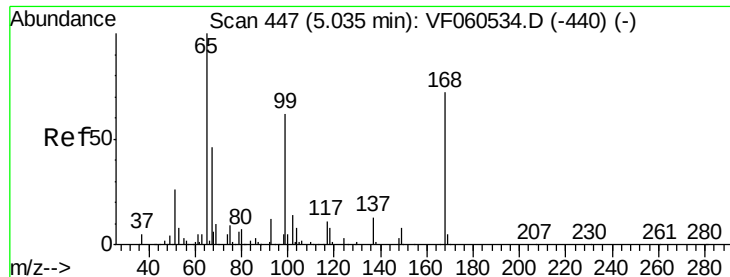
Tot Ion: 83 Resp: 244
Ion Ratio Lower Upper
83 100
85 0.0 55.0 82.4#



#31
Cyclohexane
Concen: 833.906 ug/l
RT: 3.87 min Scan# 329
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 56 Resp: 65727
Ion Ratio Lower Upper
56 100
69 26.9 25.0 37.6
84 89.5 72.1 108.1

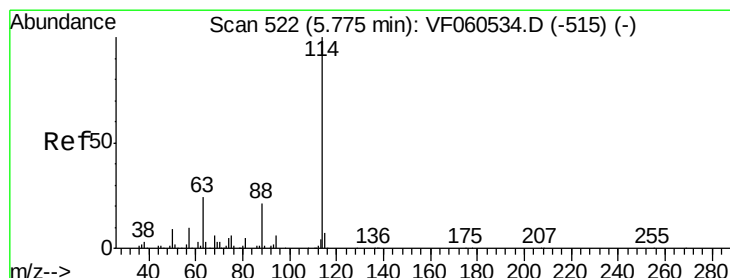
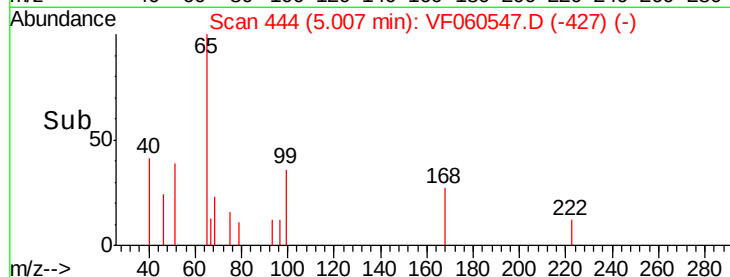
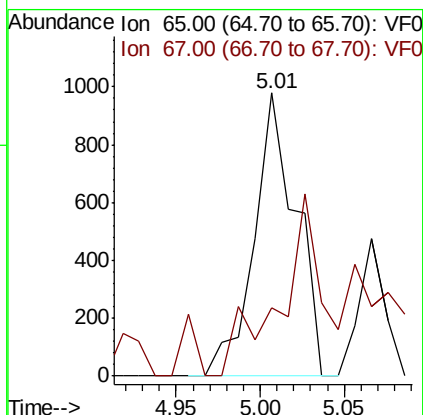
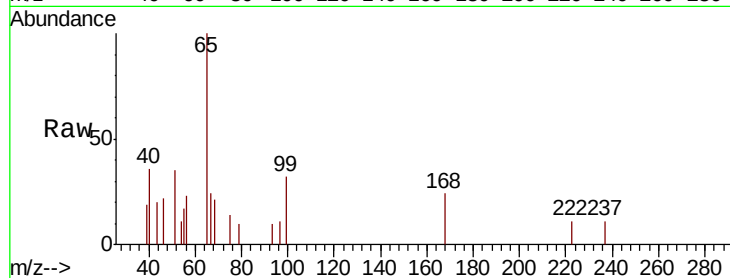




#33
 1,2-Dichloroethane-d4
 Concen: 23.124 ug/l
 RT: 5.01 min Scan# 444
 Delta R.T. -0.03 min
 Lab File: VF060547.D
 Acq: 30 Oct 2018 16:19

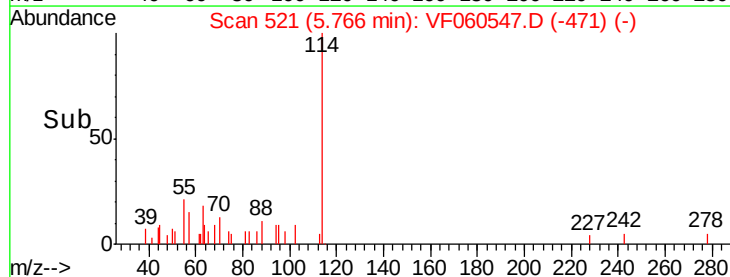
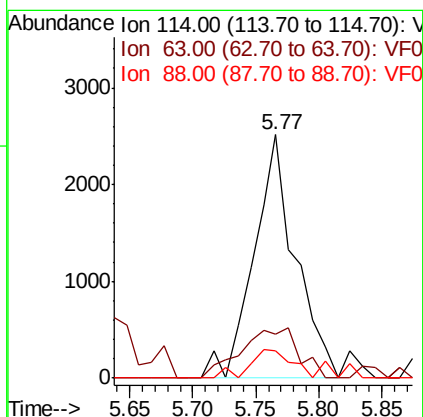
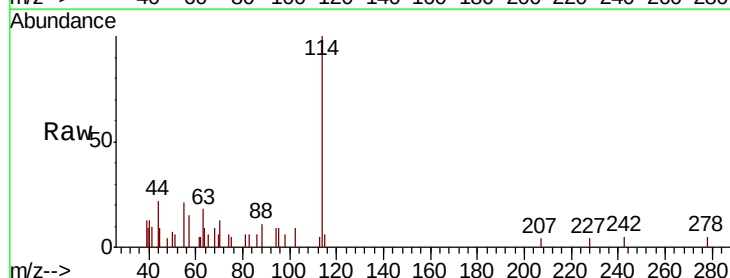
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4

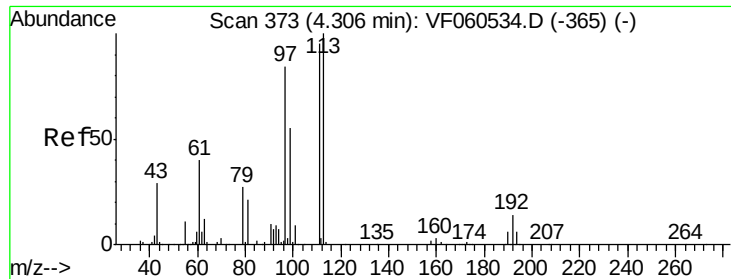
Tot Ion: 65 Resp: 1681
 Ion Ratio Lower Upper
 65 100
 67 24.3 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: VF060547.D
 Acq: 30 Oct 2018 16:19

Tgt Ion: 114 Resp: 5721
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 48.0
 88 11.5 0.0 42.0





#35

Dibromofluoromethane

Concen: 54.046 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.03 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

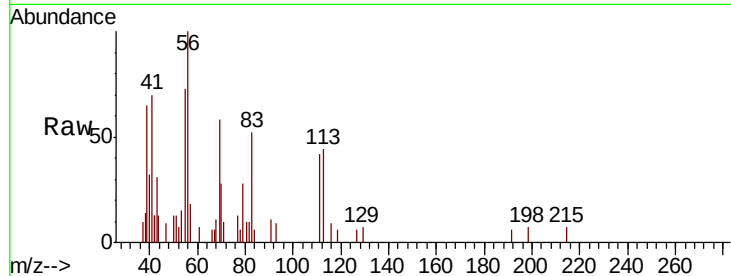
Tot Ion:113 Resp: 2967

Ion Ratio Lower Upper

113 100

111 97.0 75.9 113.9

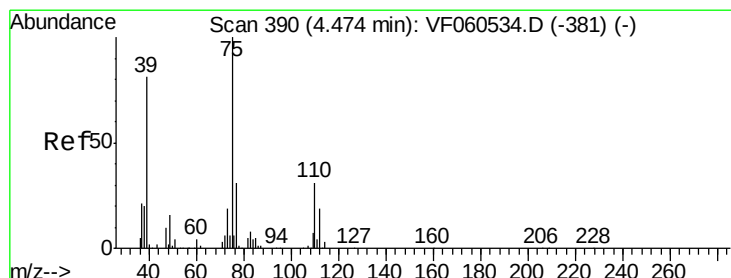
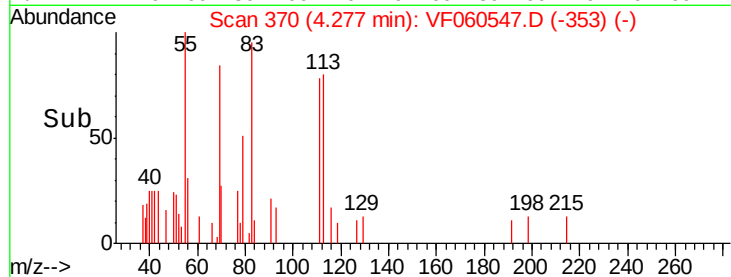
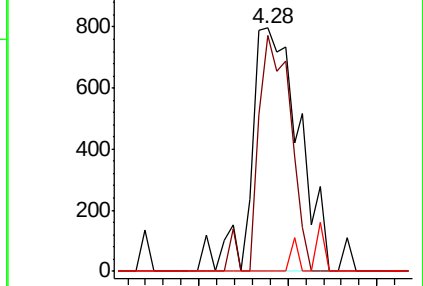
192 0.0 11.2 16.8#



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: 1.852 ug/l

RT: 4.47 min Scan# 390

Delta R.T. 0.00 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

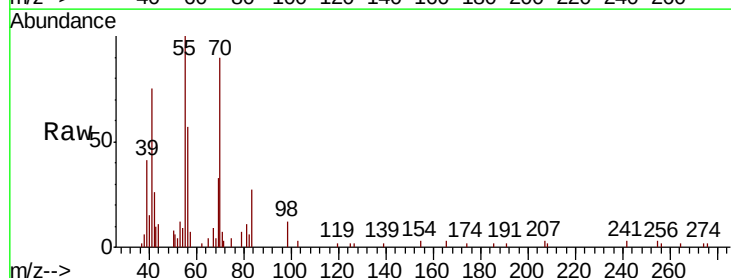
Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

110 0.0 15.3 45.8#

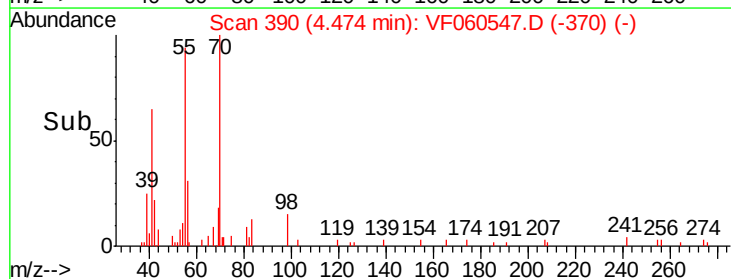
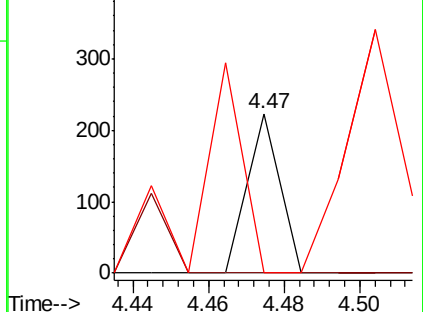
77 0.0 24.8 37.2#

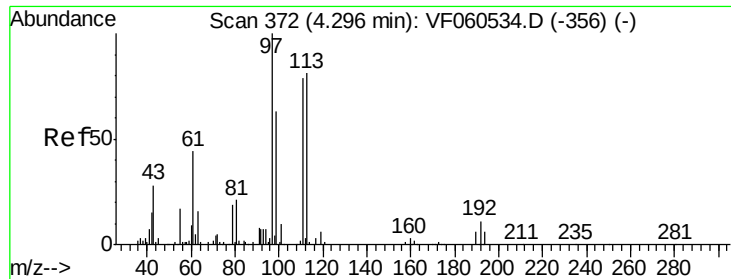


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

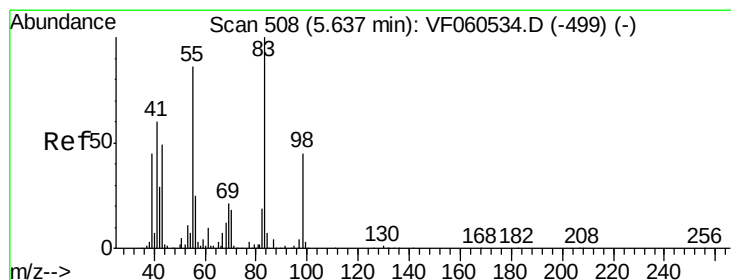
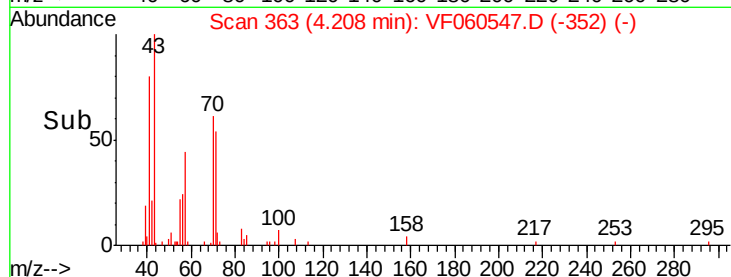
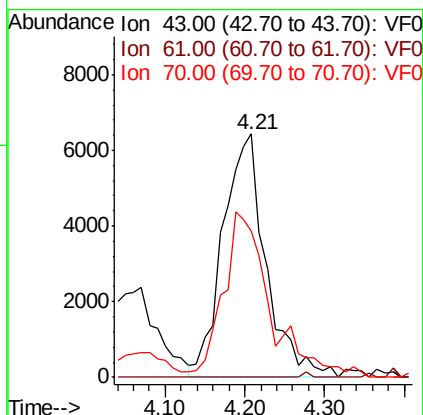
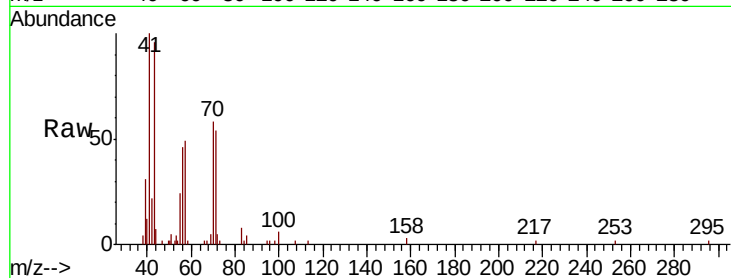




#37
Ethyl Acetate
Concen: 1050.085 ug/l
RT: 4.21 min Scan# 363
Delta R.T. -0.09 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

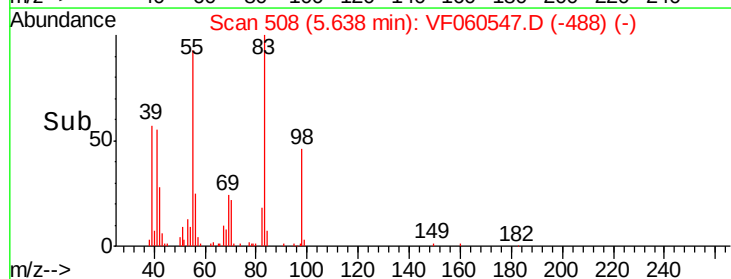
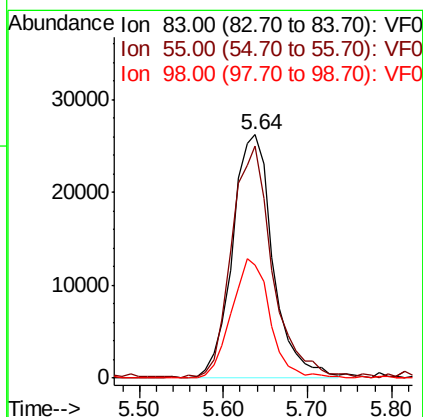
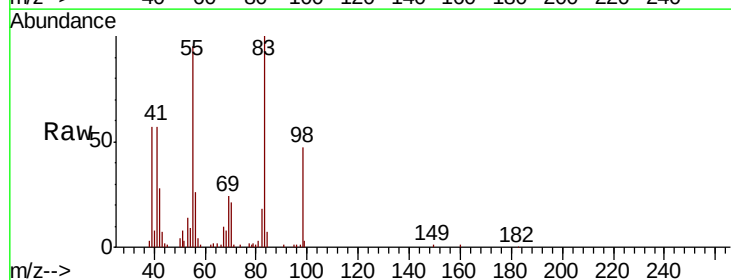
Instrument :
MSVOA_F
ClientSampled :
SB-4

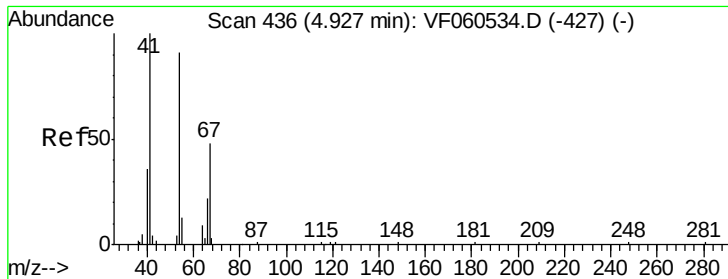
Tot Ion: 43 Resp: 24232
Ion Ratio Lower Upper
43 100
61 0.0 123.9 185.9#
70 60.2 7.3 10.9#



#39
Methylcyclohexane
Concen: 1221.989 ug/l
RT: 5.64 min Scan# 508
Delta R.T. 0.00 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 83 Resp: 87963
Ion Ratio Lower Upper
83 100
55 95.2 69.0 103.4
98 46.5 36.1 54.1





#41

Methacrylonitrile

Concen: 124.254 ug/l

RT: 4.95 min Scan# 438

Delta R.T. 0.02 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

Tot Ion: 41 Resp: 1639

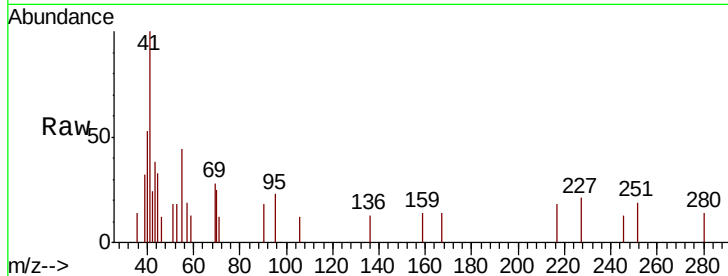
Ion Ratio Lower Upper

41 100

39 31.6 51.0 76.6#

67 0.0 38.0 57.0#

52 0.0 40.6 61.0#

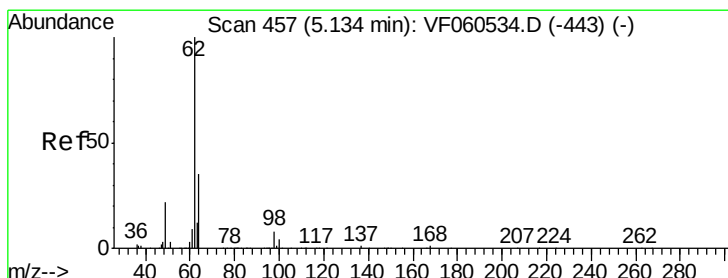
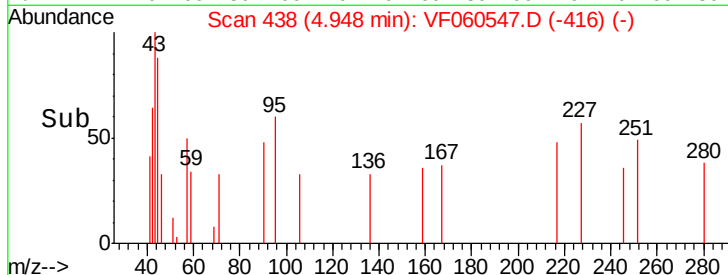
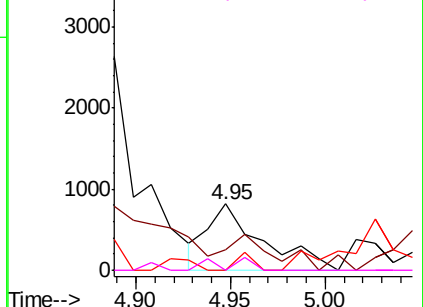


Abundance Ion 41.00 (40.70 to 41.70): VF0

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



#42

1,2-Dichloroethane

Concen: 2.300 ug/l

RT: 5.13 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF060547.D

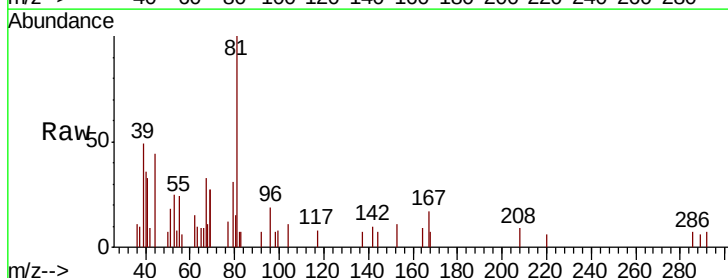
Acq: 30 Oct 2018 16:19

Tgt Ion: 62 Resp: 151

Ion Ratio Lower Upper

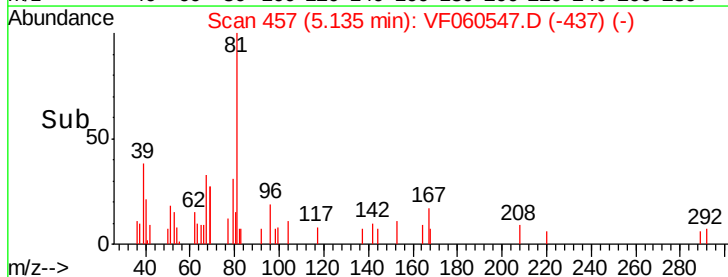
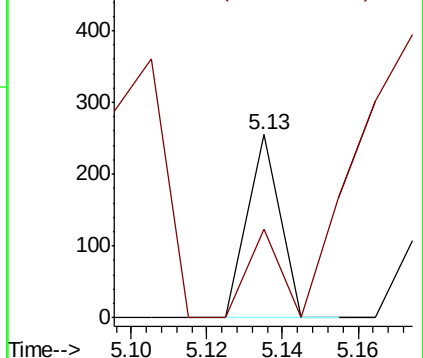
62 100

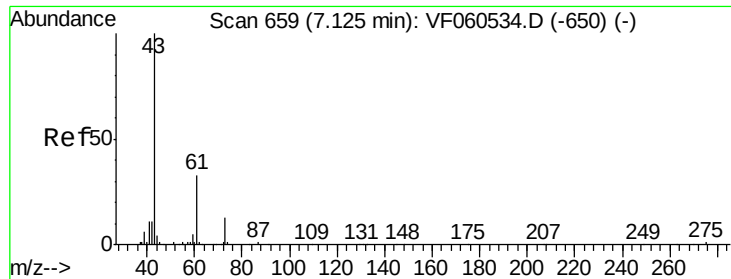
98 48.6 0.0 15.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 14.285 ug/l

RT: 7.15 min Scan# 661

Delta R.T. 0.02 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampleId :

SB-4

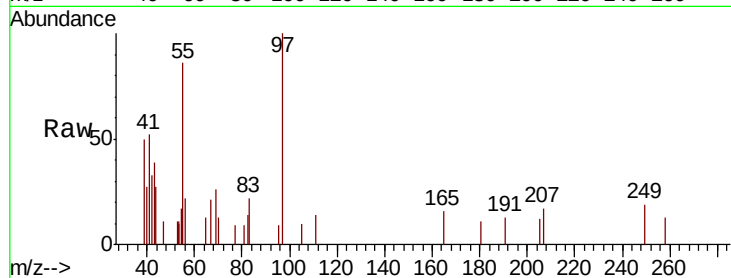
Tot Ion: 43 Resp: 399

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

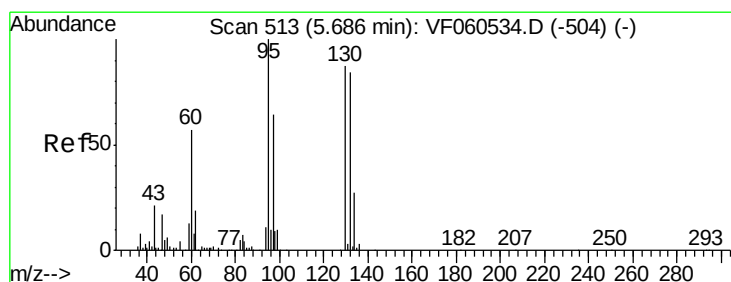
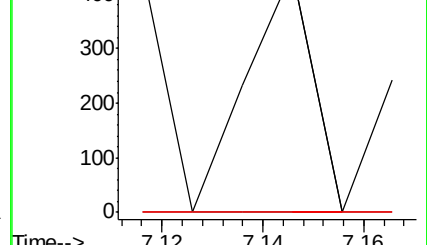
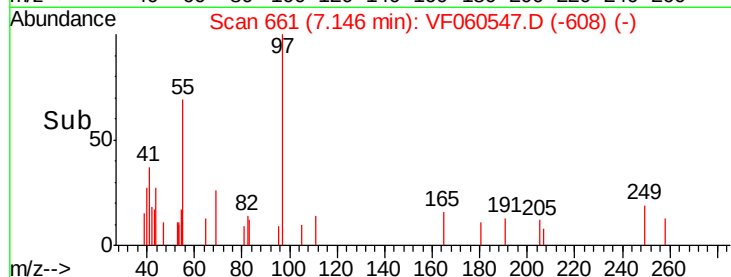
Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

7.15

7.14

7.16



#44

Trichloroethene

Concen: 1.510 ug/l

RT: 5.67 min Scan# 511

Delta R.T. -0.02 min

Lab File: VF060547.D

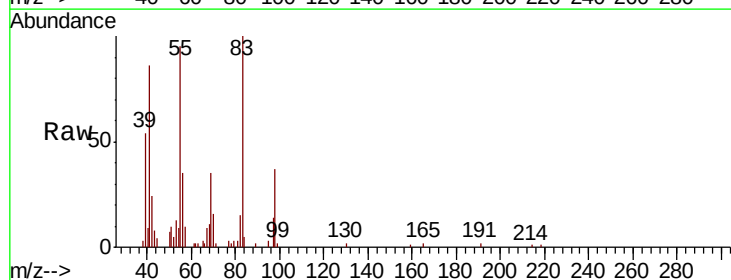
Acq: 30 Oct 2018 16:19

Tgt Ion:130 Resp: 69

Ion Ratio Lower Upper

130 100

95 203.4 0.0 229.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

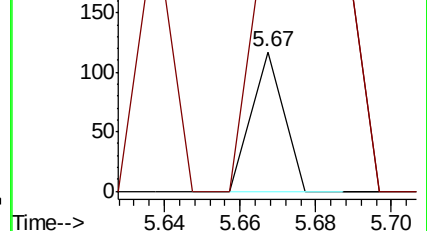
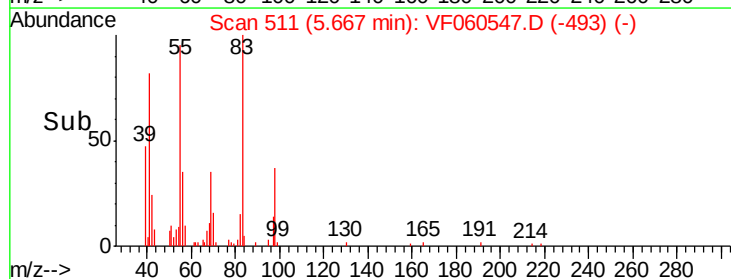
5.67

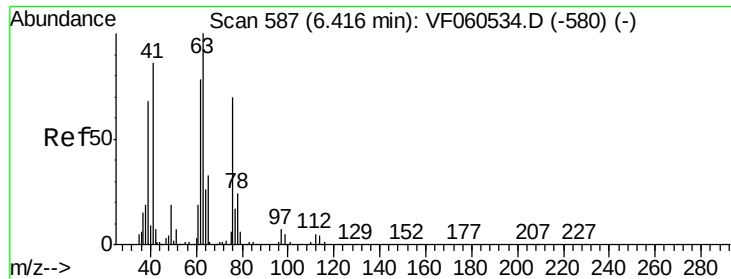
5.64

5.66

5.68

5.70





#45

1,2-Dichloropropane

Concen: 1.984 ug/l

RT: 6.50 min Scan# 595

Delta R.T. 0.08 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

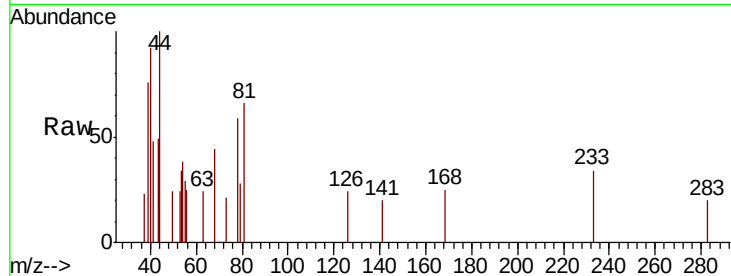
SB-4

Tot Ion: 63 Resp: 70

Ion Ratio Lower Upper

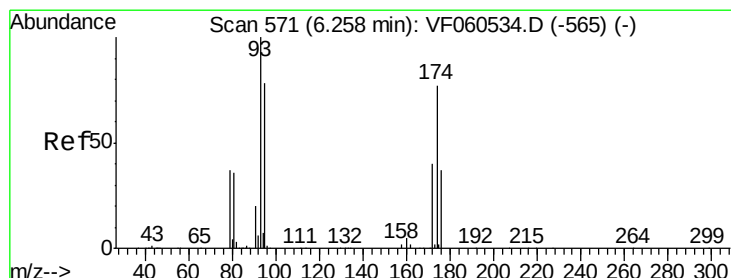
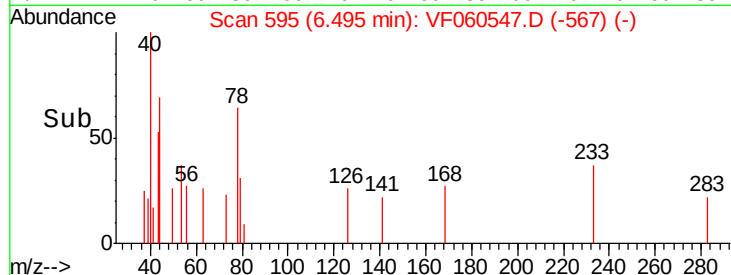
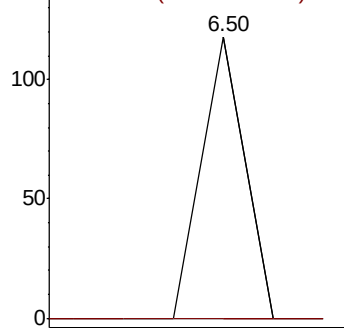
63 100

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: 2.527 ug/l

RT: 6.17 min Scan# 562

Delta R.T. -0.09 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

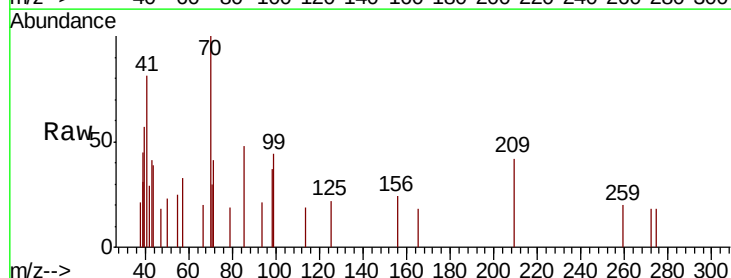
Tgt Ion: 93 Resp: 70

Ion Ratio Lower Upper

93 100

95 0.0 64.3 96.5#

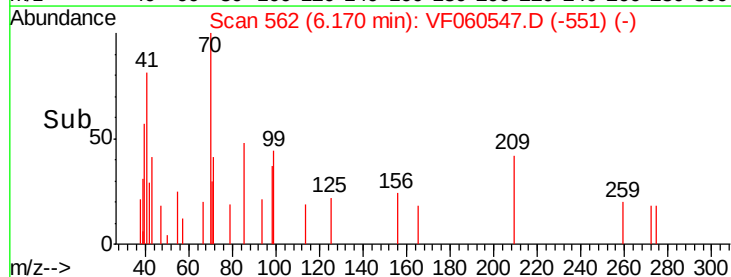
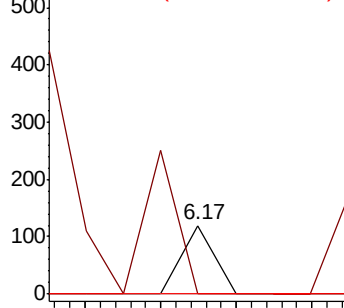
174 0.0 63.3 94.9#

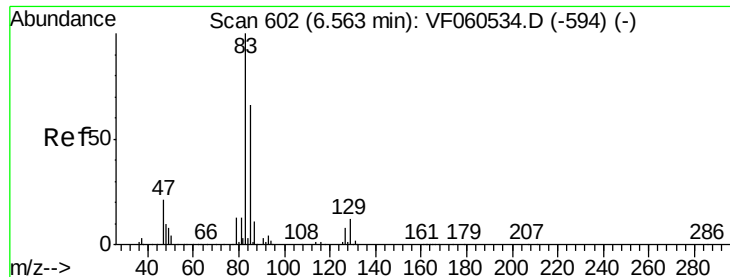


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 1.519 ug/l

RT: 6.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

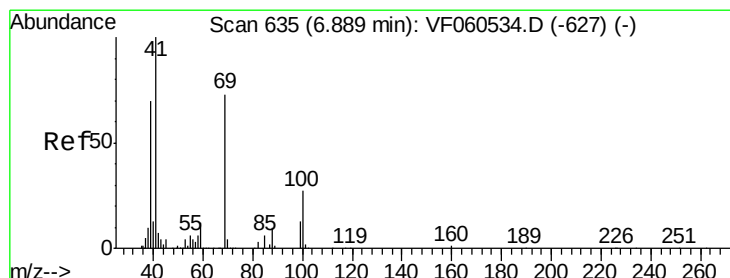
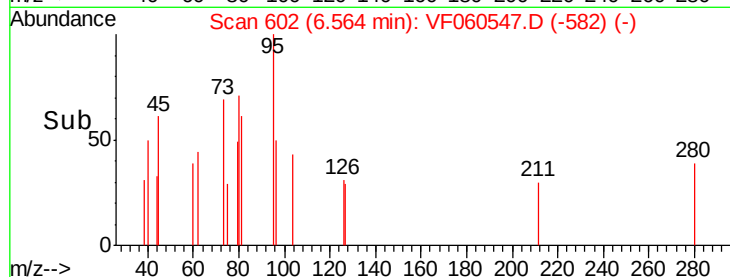
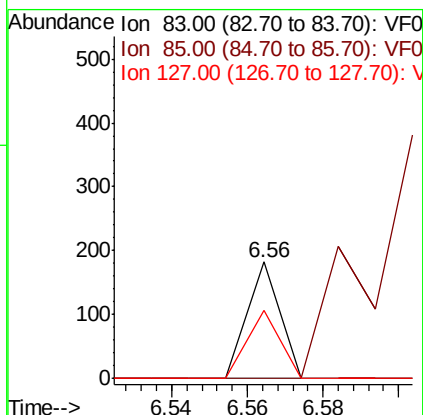
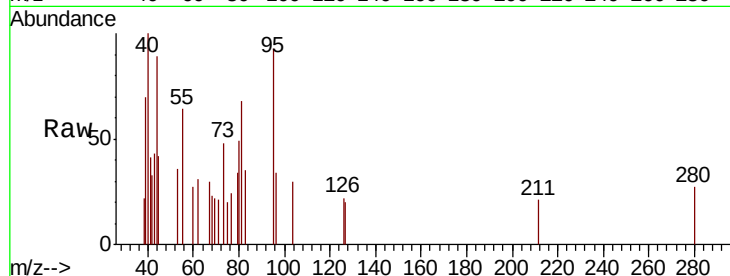
Tot Ion: 83 Resp: 108

Ion Ratio Lower Upper

83 100

85 0.0 52.7 79.1#

127 57.7 6.4 9.6#



#48

Methyl methacrylate

Concen: 197.549 ug/l

RT: 6.82 min Scan# 628

Delta R.T. -0.07 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

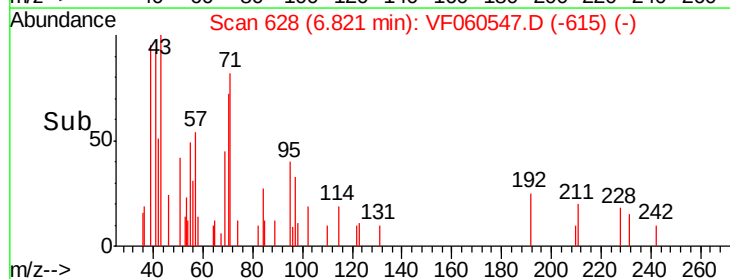
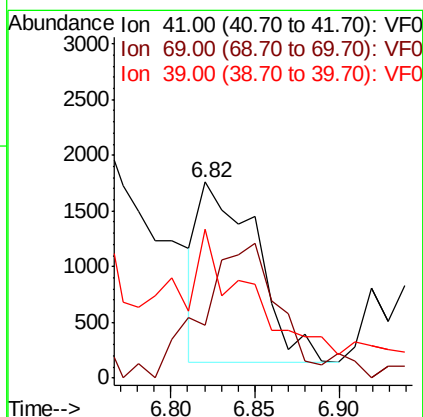
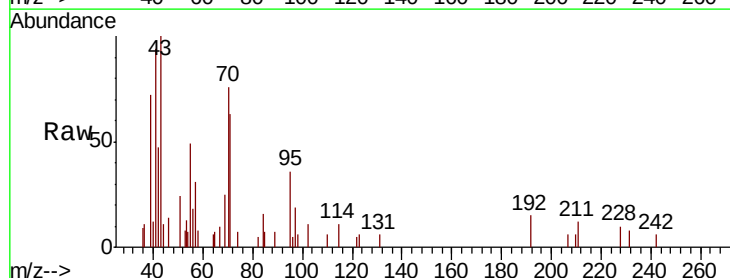
Tgt Ion: 41 Resp: 3806

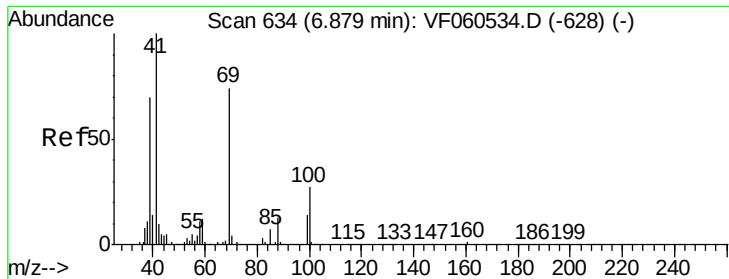
Ion Ratio Lower Upper

41 100

69 27.0 58.4 87.6#

39 75.9 56.4 84.6

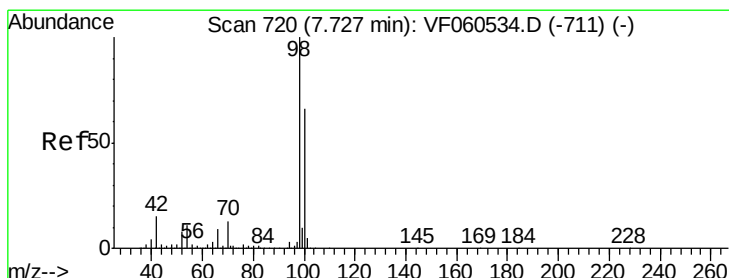
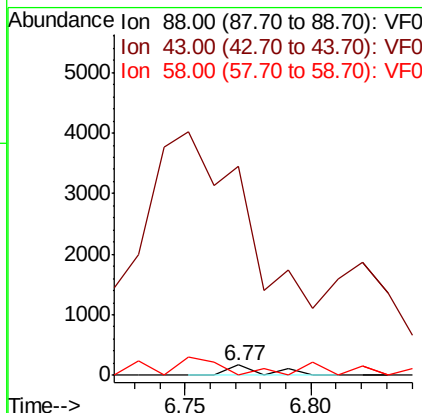
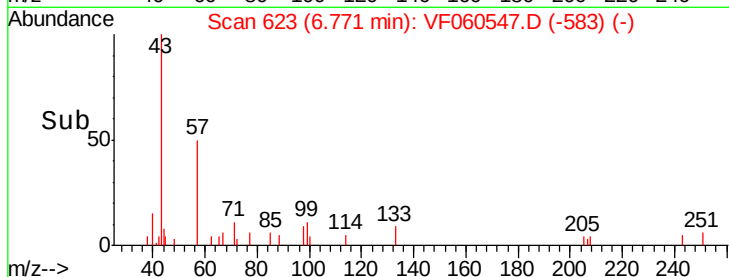
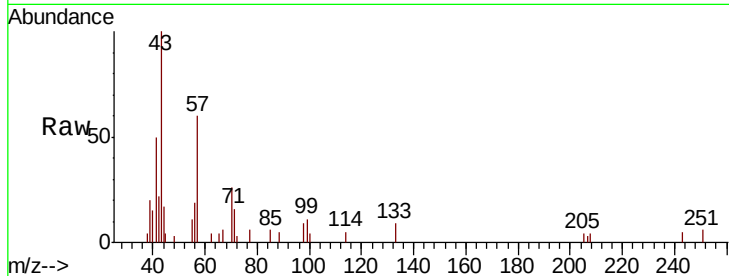




#49
1,4-Dioxane
Concen: 909.483 ug/l
RT: 6.77 min Scan# 623
Delta R.T. -0.11 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

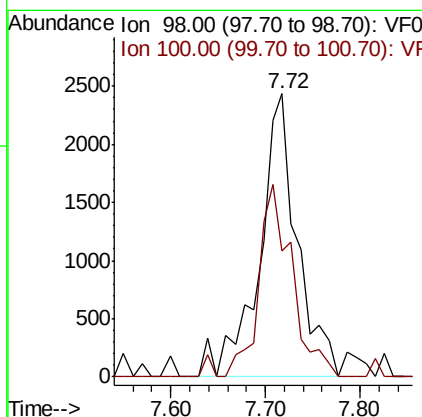
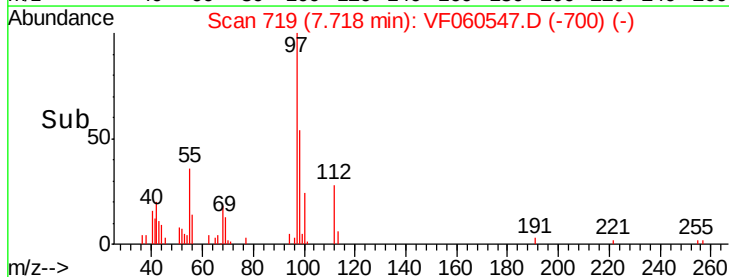
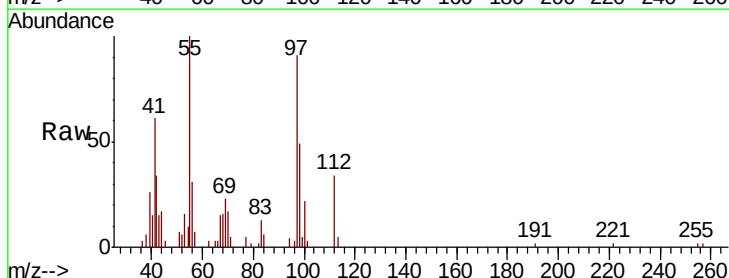
Instrument :
MSVOA_F
ClientSampled :
SB-4

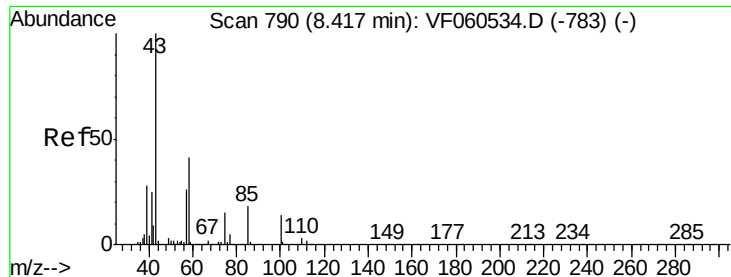
Tot Ion: 88 Resp: 163
Ion Ratio Lower Upper
88 100
43 2082.5 49.7 74.5#
58 0.0 67.7 101.5#



#50
Toluene-d8
Concen: 50.750 ug/l
RT: 7.72 min Scan# 719
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 98 Resp: 6804
Ion Ratio Lower Upper
98 100
100 44.3 53.0 79.6#





#51

4-Methyl-2-Pentanone

Concen: 331.641 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

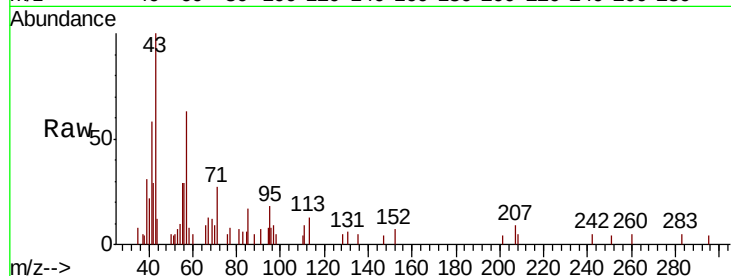
SB-4

Tot Ion: 43 Resp: 6710

Ion Ratio Lower Upper

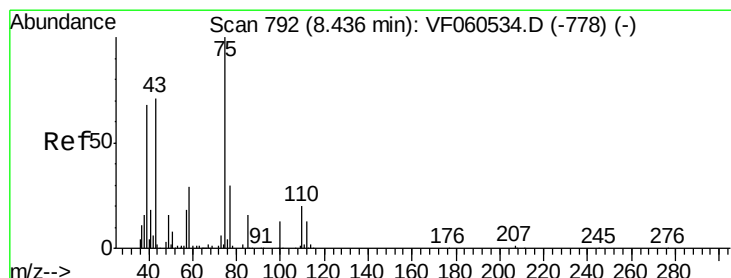
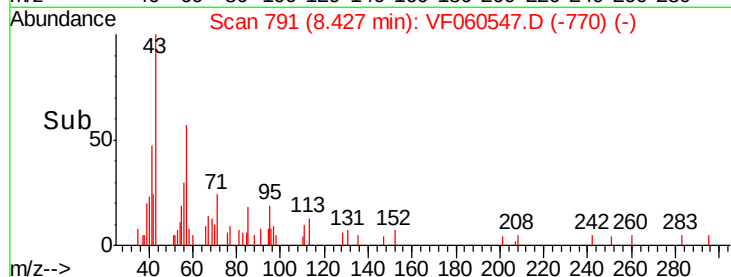
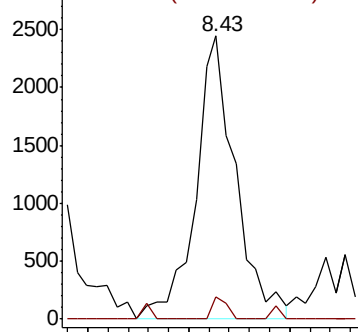
43 100

58 8.0 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#53

t-1,3-Dichloropropene

Concen: 2.503 ug/l

RT: 8.43 min Scan# 791

Delta R.T. -0.01 min

Lab File: VF060547.D

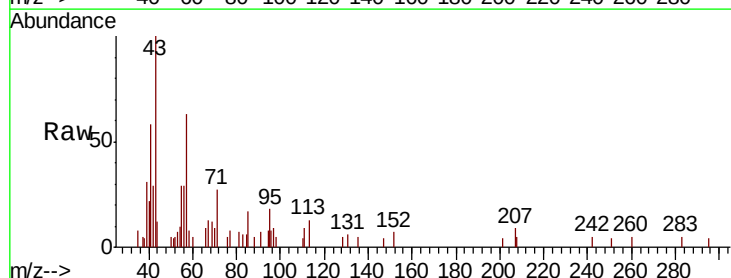
Acq: 30 Oct 2018 16:19

Tgt Ion: 75 Resp: 139

Ion Ratio Lower Upper

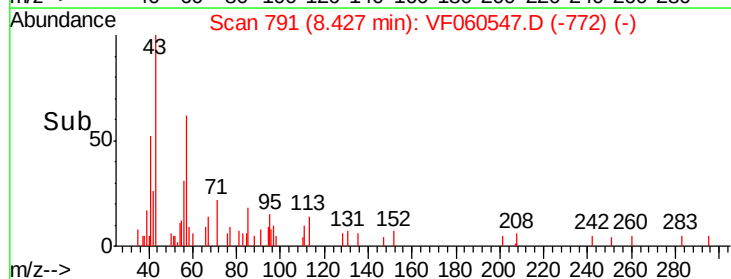
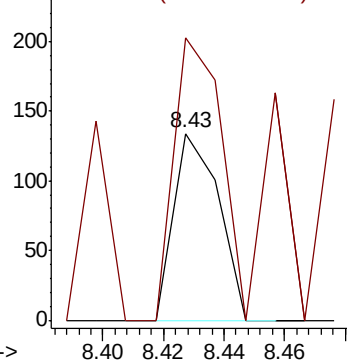
75 100

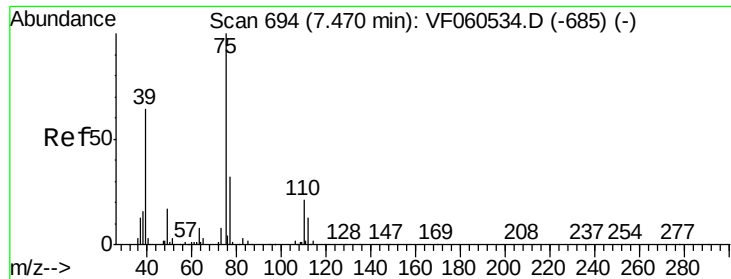
77 151.5 24.2 36.4#



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: 1.276 ug/l

RT: 7.48 min Scan# 695

Delta R.T. 0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampleId :

SB-4

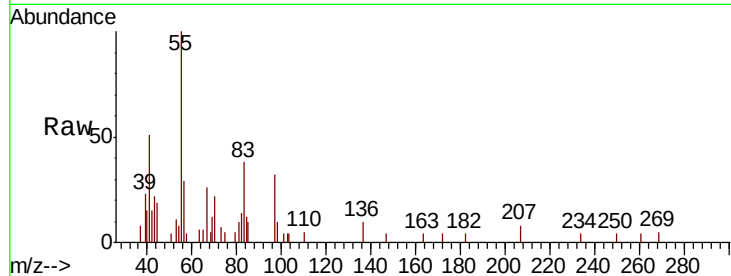
Tot Ion: 75 Resp: 84

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

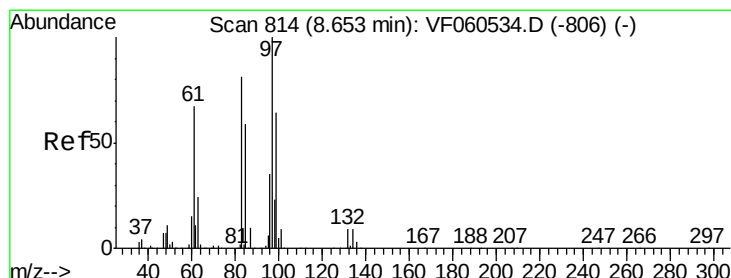
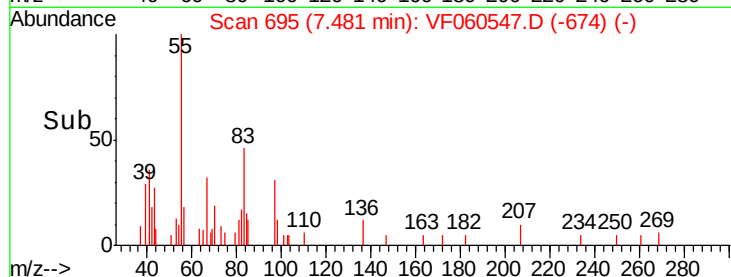
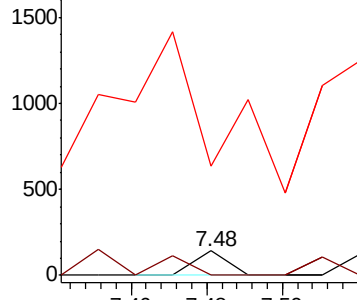
39 445.8 51.5 77.3#



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: 5.673 ug/l

RT: 8.64 min Scan# 813

Delta R.T. -0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Tgt Ion: 97 Resp: 156

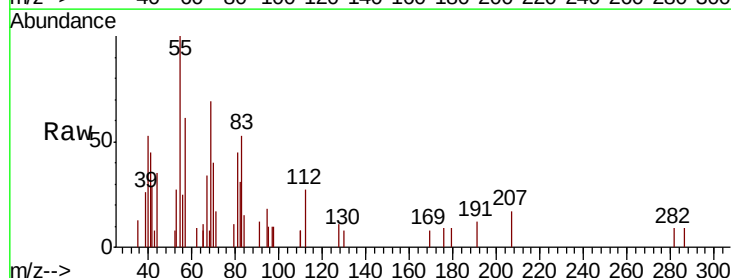
Ion Ratio Lower Upper

97 100

83 265.8 65.3 97.9#

85 0.0 47.6 71.4#

99 0.0 51.5 77.3#

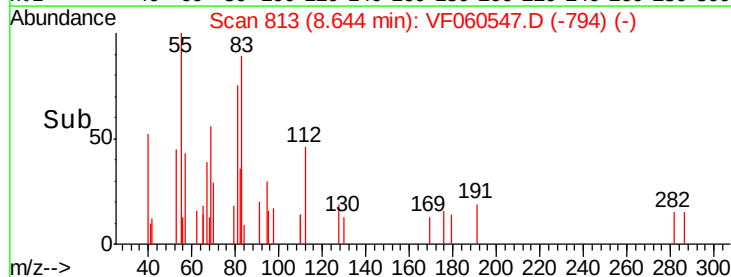
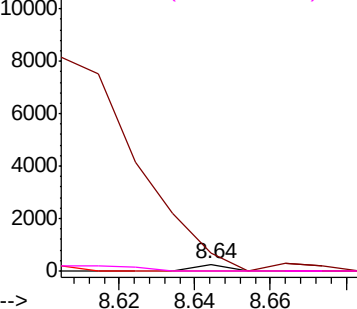


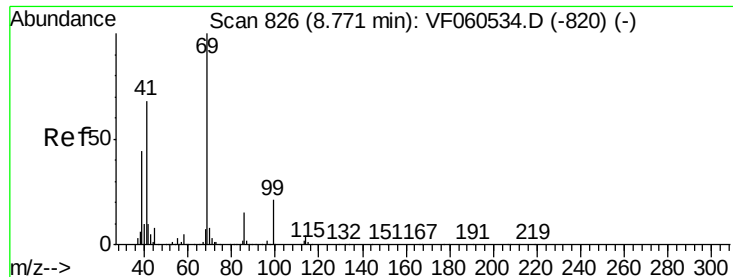
Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0





#56

Ethyl methacrylate

Concen: 669.909 ug/l

RT: 8.78 min Scan# 827

Delta R.T. 0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampleId :

SB-4

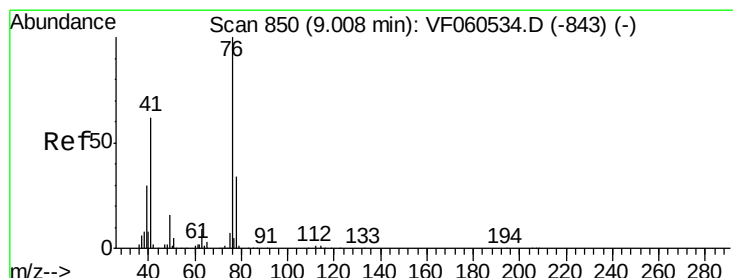
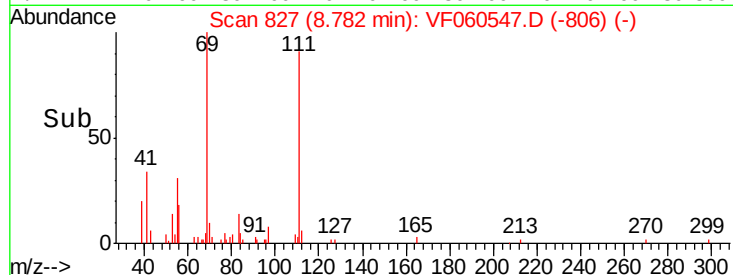
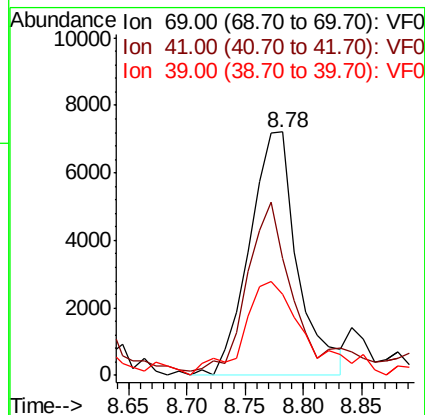
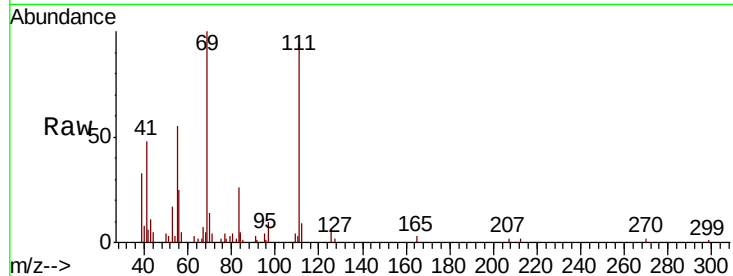
Tot Ion: 69 Resp: 20671

Ion Ratio Lower Upper

69 100

41 48.1 55.0 82.6#

39 33.3 35.1 52.7#



#57

1,3-Dichloropropane

Concen: 3.223 ug/l

RT: 9.00 min Scan# 849

Delta R.T. -0.01 min

Lab File: VF060547.D

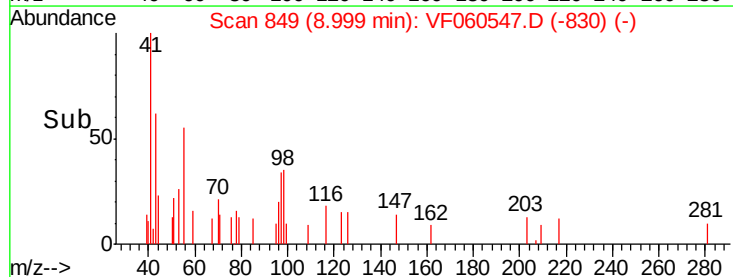
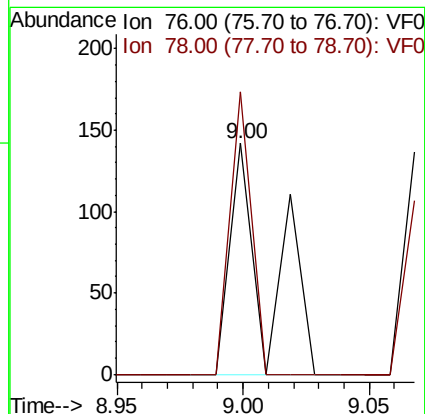
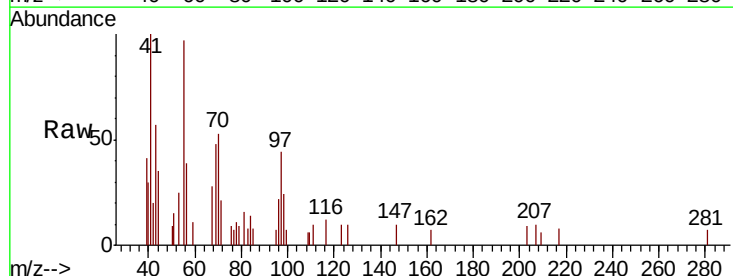
Acq: 30 Oct 2018 16:19

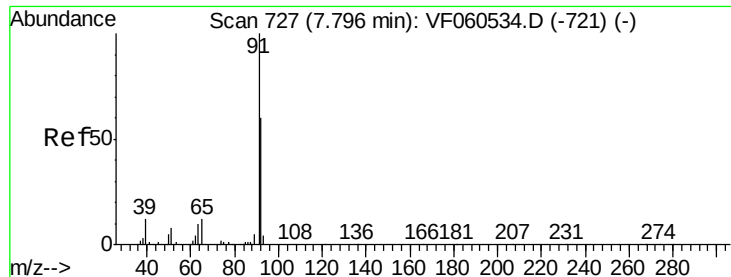
Tgt Ion: 76 Resp: 150

Ion Ratio Lower Upper

76 100

78 122.5 27.3 40.9#

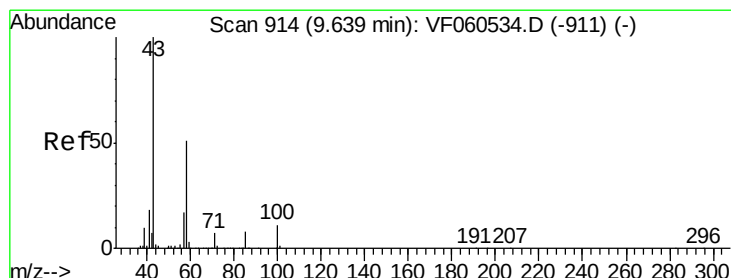
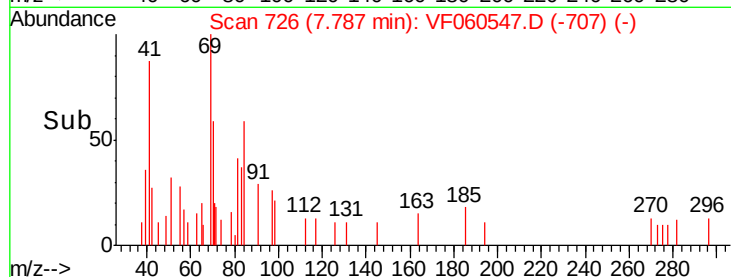
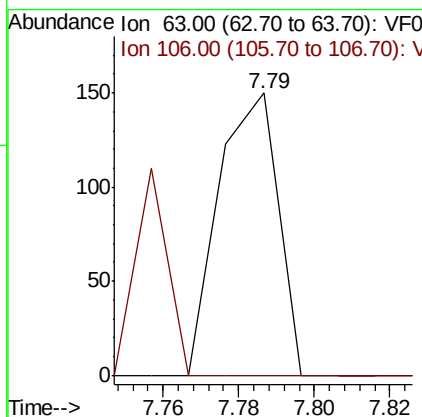
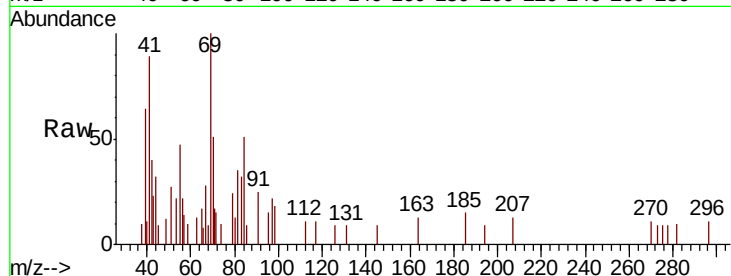




#58
2-Chloroethyl Vinyl ether
Concen: 50.626 ug/l
RT: 7.79 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

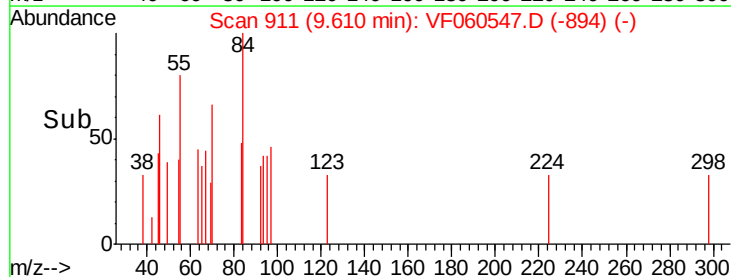
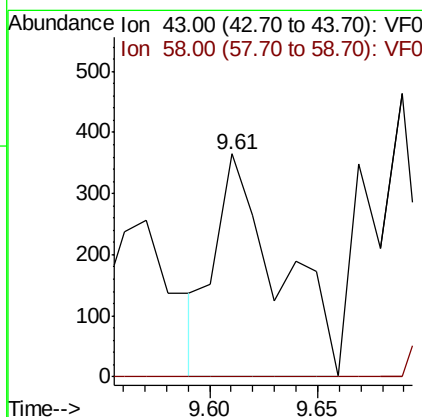
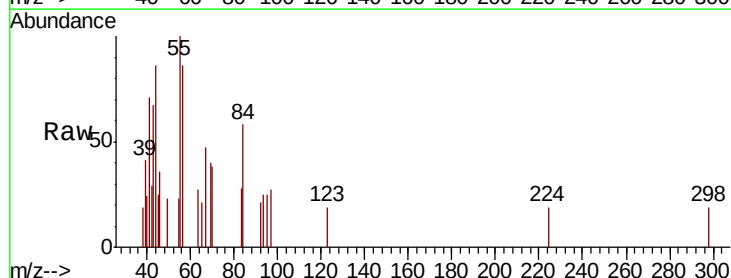
Instrument :
MSVOA_F
ClientSampleId :
SB-4

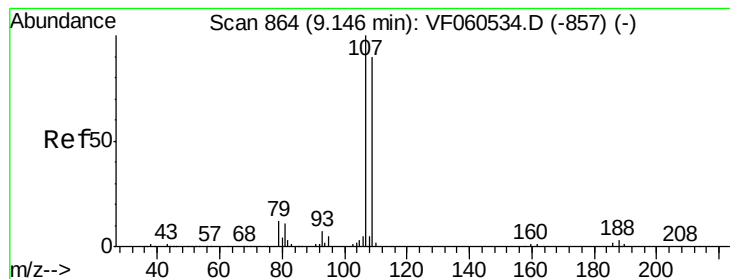
Tot Ion: 63 Resp: 161
Ion Ratio Lower Upper
63 100
106 0.0 0.0 0.0



#59
2-Hexanone
Concen: 49.121 ug/l
RT: 9.61 min Scan# 911
Delta R.T. -0.03 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 0.0 24.1 72.3#





#61

1,2-Dibromoethane

Concen: 2.858 ug/l

RT: 9.14 min Scan# 863

Delta R.T. -0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

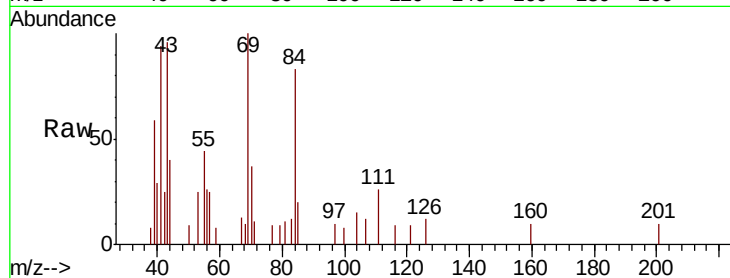
SB-4

Tot Ion:107 Resp: 91

Ion Ratio Lower Upper

107 100

109 0.0 72.2 108.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.14

150

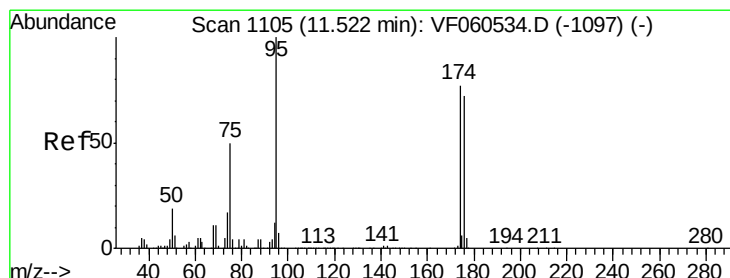
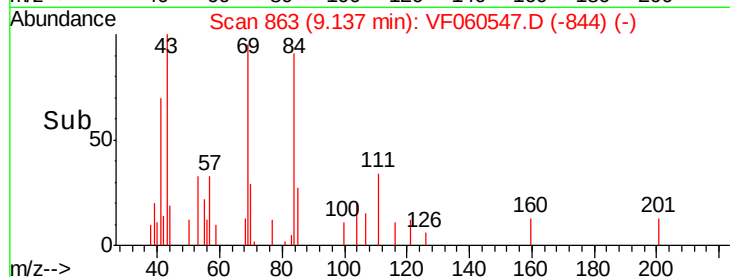
100

50

0

9.12 9.14 9.16

Time-->



#62

4-Bromofluorobenzene

Concen: 49.956 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

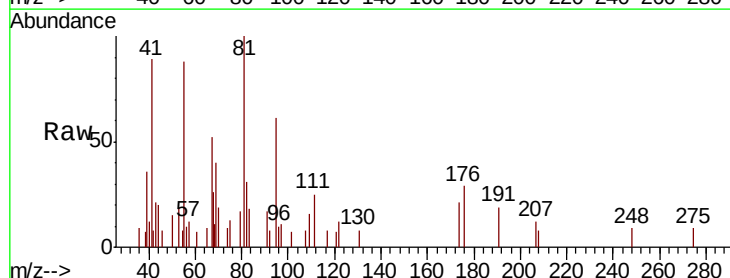
Tgt Ion: 95 Resp: 3086

Ion Ratio Lower Upper

95 100

174 34.0 0.0 153.8

176 48.7 0.0 143.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

1500

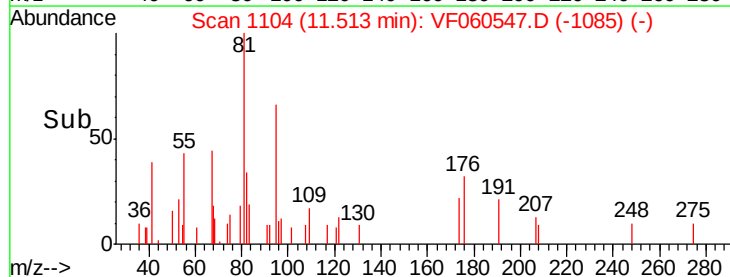
1000

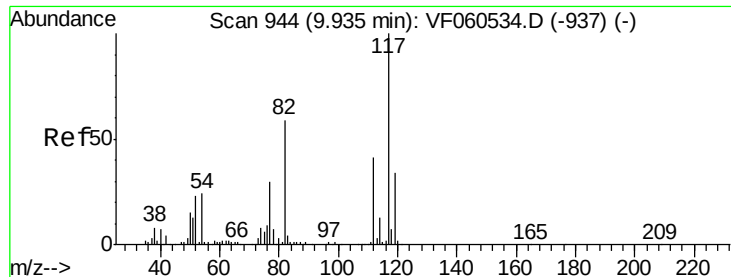
500

0

11.40 11.50

Time-->

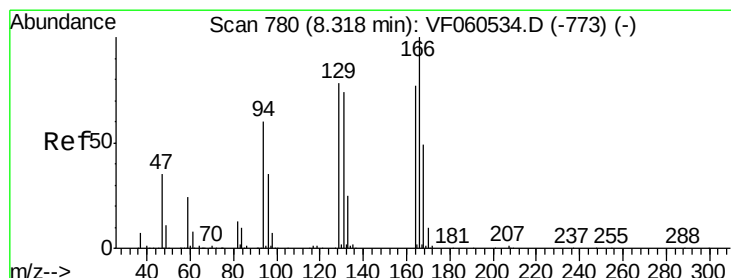
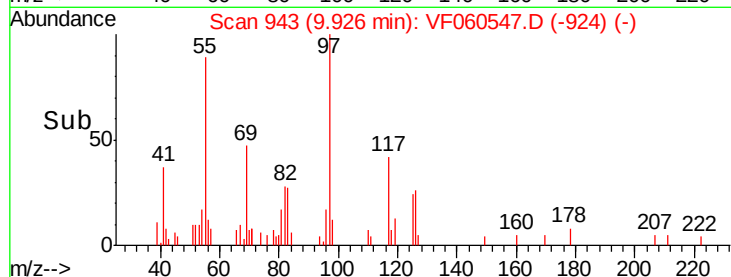
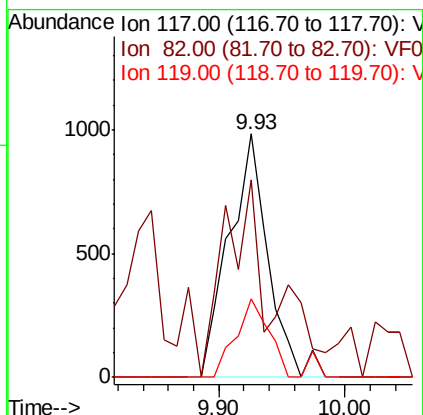
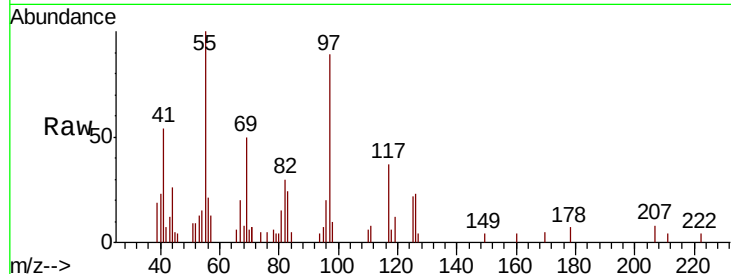




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

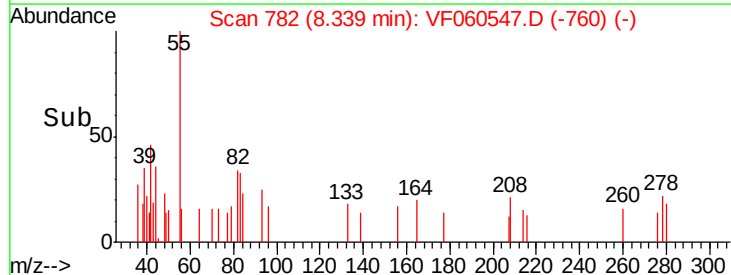
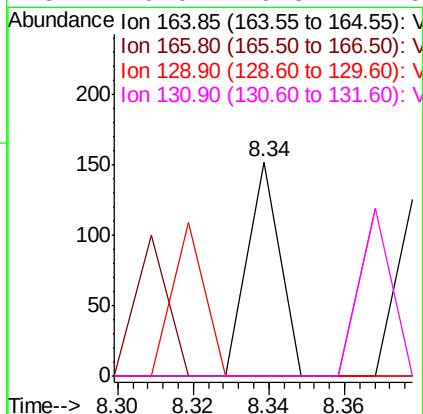
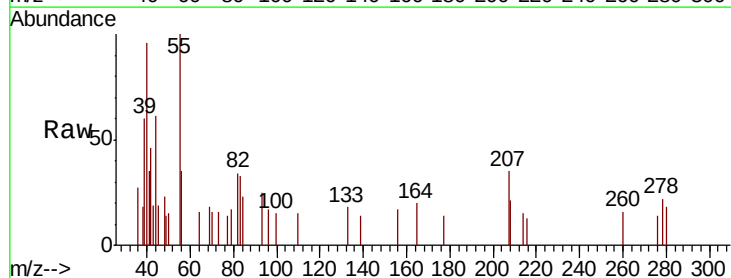
Instrument :
MSVOA_F
ClientSampled :
SB-4

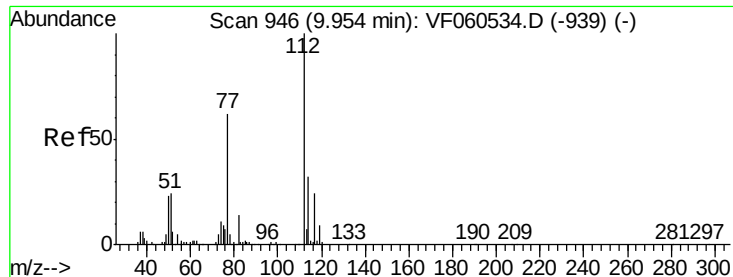
Tot Ion:117 Resp: 2123
Ion Ratio Lower Upper
117 100
82 81.3 47.6 71.4#
119 32.3 27.3 40.9



#64
Tetrachloroethene
Concen: 5.015 ug/l
RT: 8.34 min Scan# 782
Delta R.T. 0.02 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion:164 Resp: 90
Ion Ratio Lower Upper
164 100
166 0.0 103.4 155.2#
129 0.0 80.7 121.1#
131 0.0 76.3 114.5#

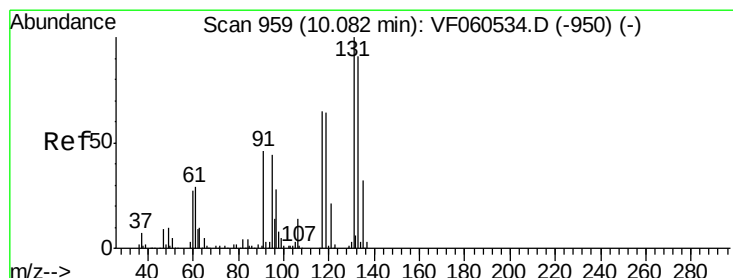
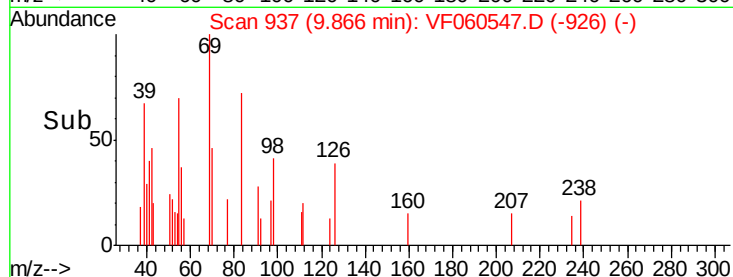
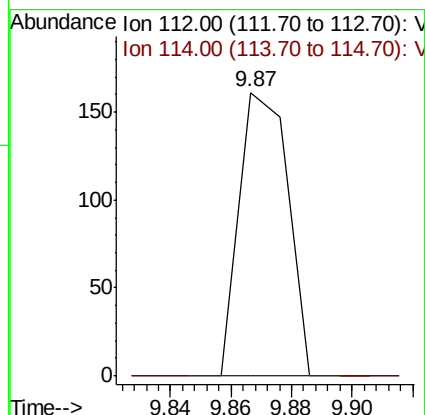
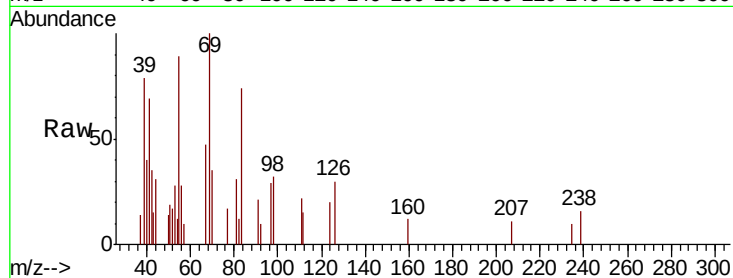




#65
Chlorobenzene
Concen: 4.261 ug/l
RT: 9.87 min Scan# 937
Delta R.T. -0.09 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

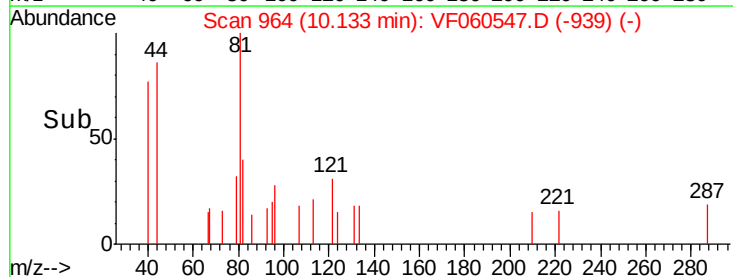
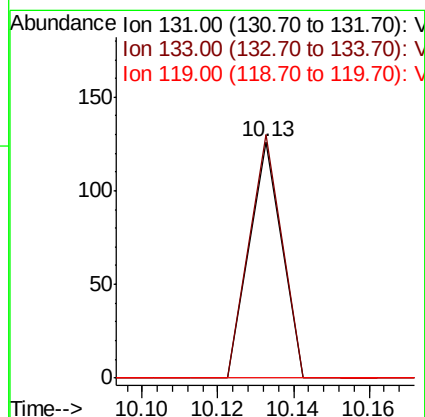
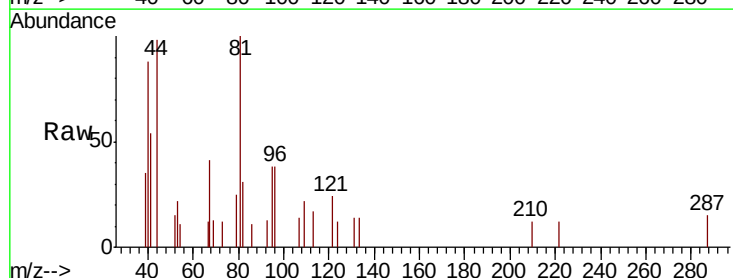
Instrument :
MSVOA_F
ClientSampleId :
SB-4

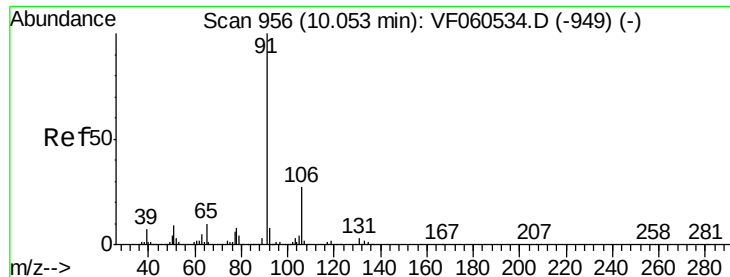
Tot Ion:112 Resp: 182
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



#66
1,1,1,2-Tetrachloroethane
Concen: 3.802 ug/l
RT: 10.13 min Scan# 964
Delta R.T. 0.05 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion:131 Resp: 74
Ion Ratio Lower Upper
131 100
133 103.2 45.8 137.3
119 0.0 32.4 97.0#





#67

Ethyl Benzene

Concen: 2.242 ug/l

RT: 10.05 min Scan# 956

Delta R.T. 0.00 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

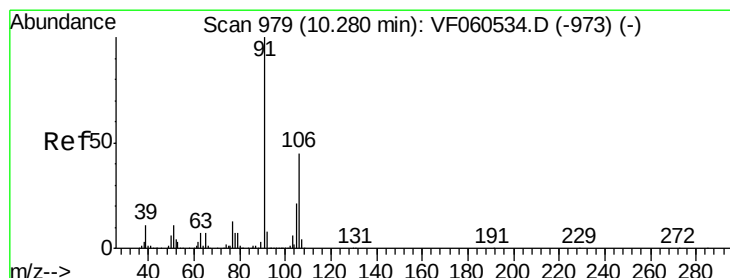
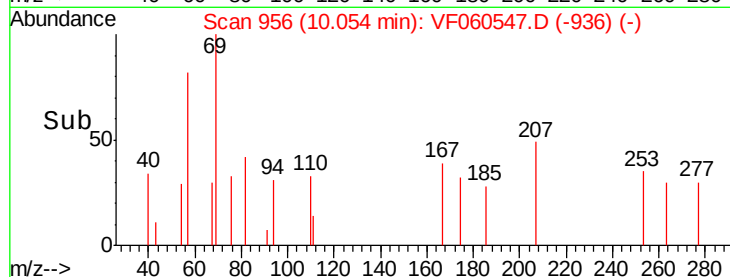
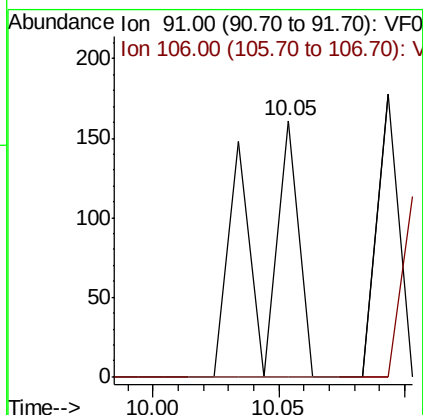
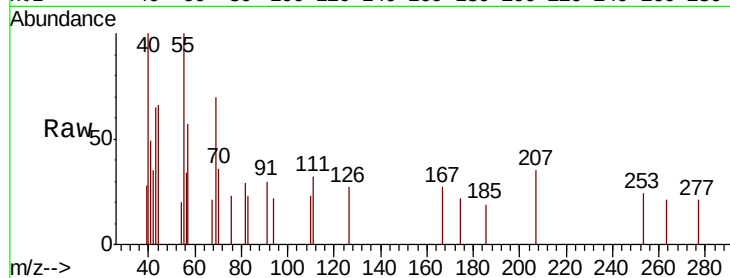
SB-4

Tot Ion: 91 Resp: 183

Ion Ratio Lower Upper

91 100

106 0.0 21.9 32.9#



#68

m/p-Xylenes

Concen: 2.260 ug/l

RT: 10.27 min Scan# 978

Delta R.T. -0.01 min

Lab File: VF060547.D

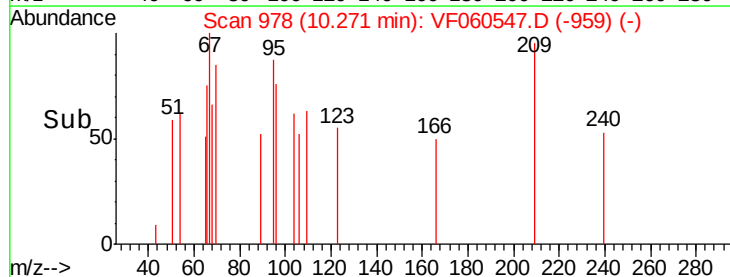
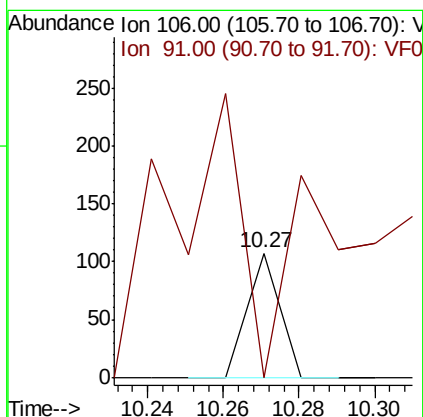
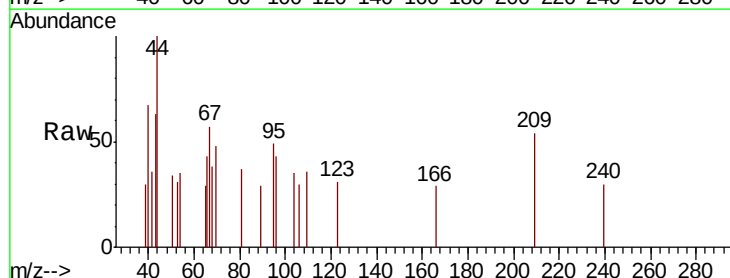
Acq: 30 Oct 2018 16:19

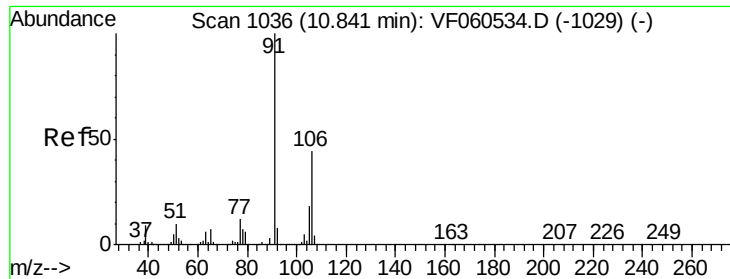
Tgt Ion: 106 Resp: 63

Ion Ratio Lower Upper

106 100

91 0.0 176.2 264.2#

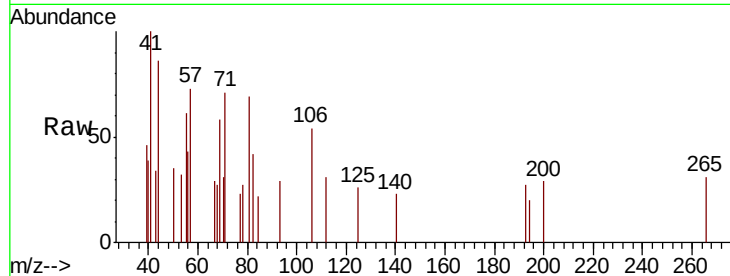




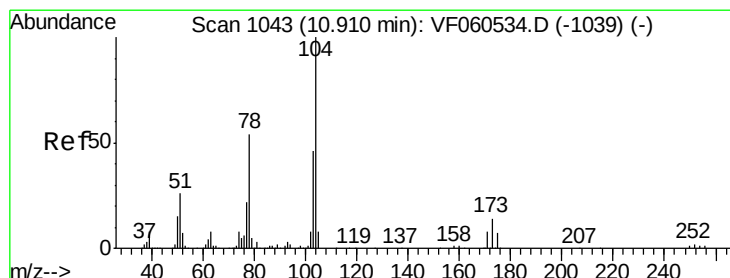
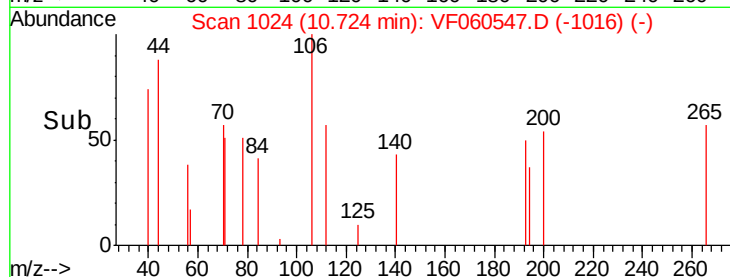
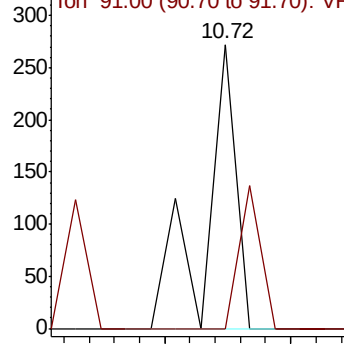
#69
o-Xylene
Concen: 7.487 ug/l
RT: 10.72 min Scan# 1024
Delta R.T. -0.12 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Instrument :
MSVOA_F
ClientSampled :
SB-4

Tot Ion:106 Resp: 235
Ion Ratio Lower Upper
106 100
91 0.0 112.9 338.8#

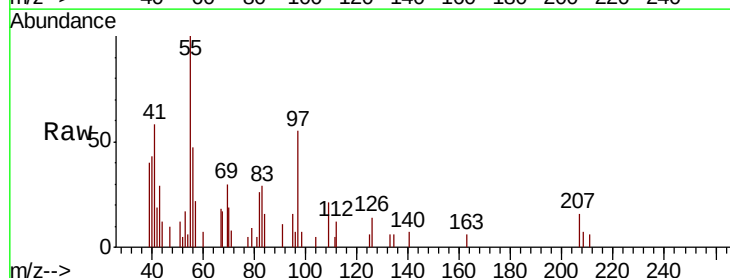


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

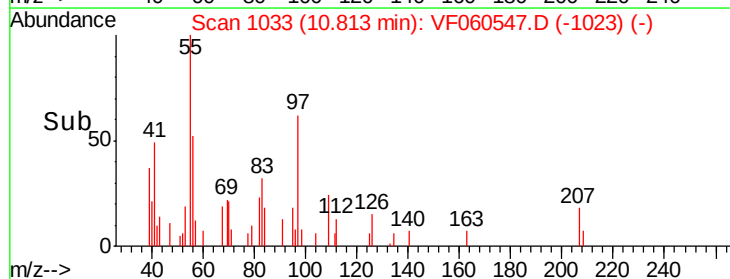
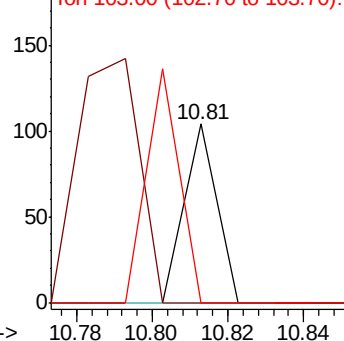


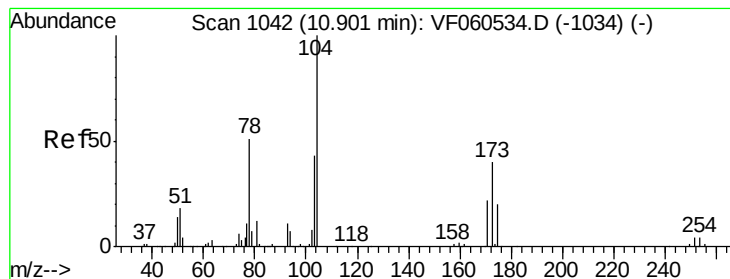
#70
Styrene
Concen: 1.401 ug/l
RT: 10.81 min Scan# 1033
Delta R.T. -0.10 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion:104 Resp: 62
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.2#
103 0.0 36.9 55.3#



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





#71

Bromoform

Concen: 6.475 ug/l

RT: 10.75 min Scan# 1027

Delta R.T. -0.15 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampleId :

SB-4

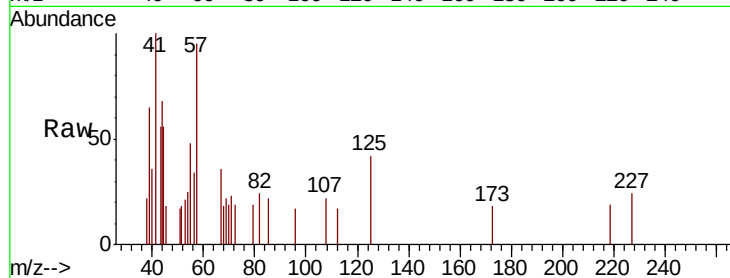
Tot Ion:173 Resp: 65

Ion Ratio Lower Upper

173 100

175 0.0 25.7 77.0#

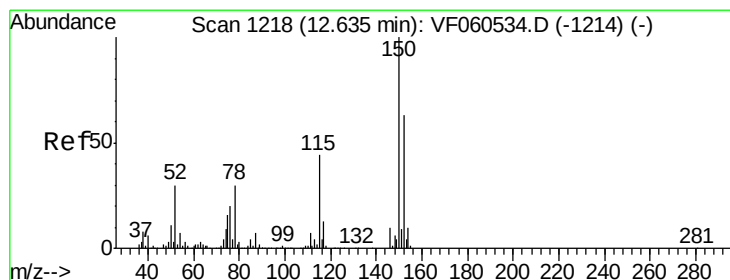
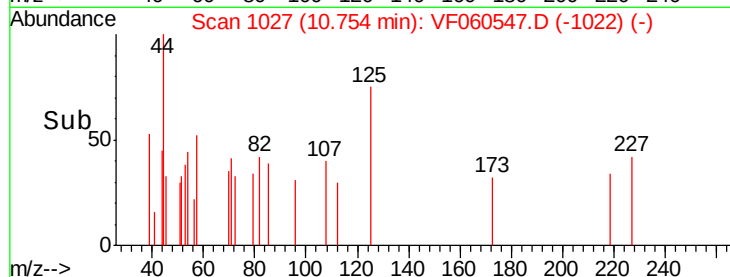
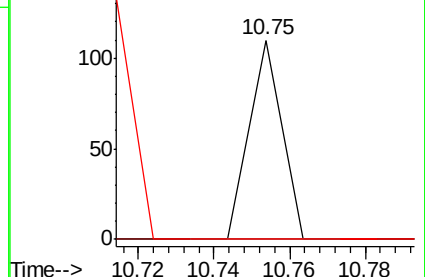
254 0.0 7.8 11.6#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.74 min Scan# 1229

Delta R.T. 0.11 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

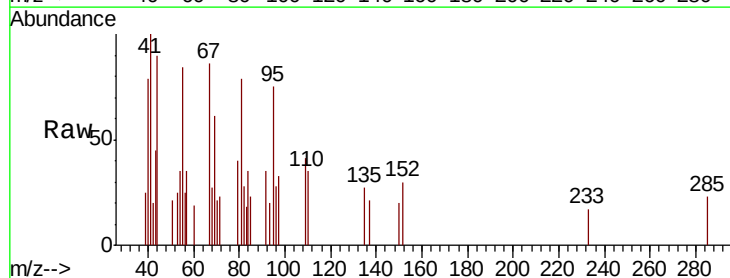
Tgt Ion:152 Resp: 109

Ion Ratio Lower Upper

152 100

115 0.0 34.7 104.1#

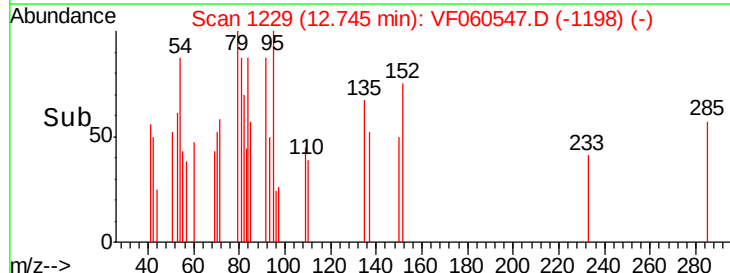
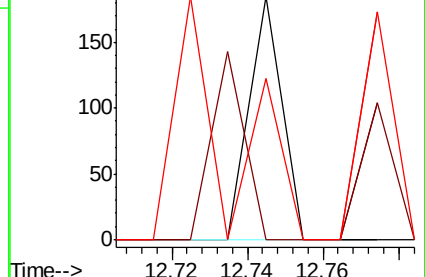
150 66.5 0.0 318.4

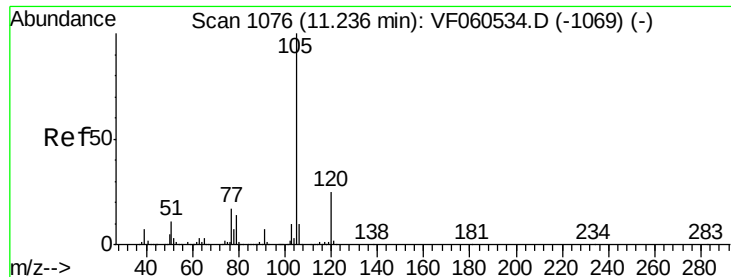


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 7.921 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

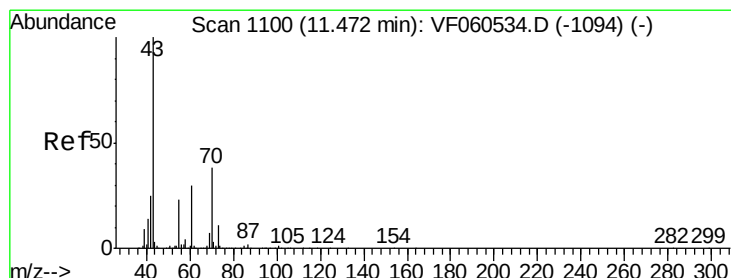
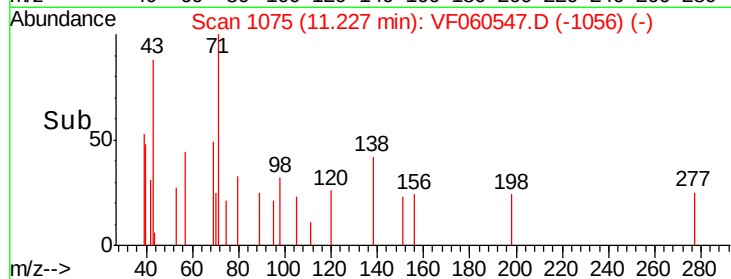
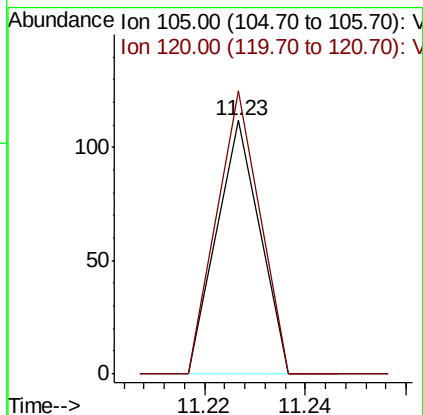
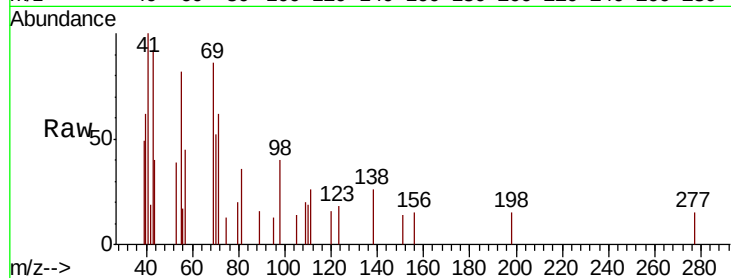
SB-4

Tot Ion:105 Resp: 66

Ion Ratio Lower Upper

105 100

120 111.6 12.3 36.8#



#74

N-ethyl acetate

Concen: 450.676 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. -0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Tgt Ion: 43 Resp: 752

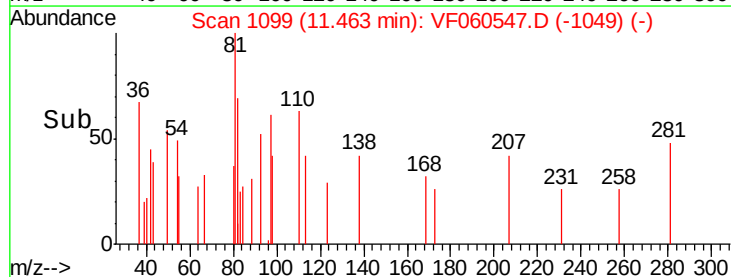
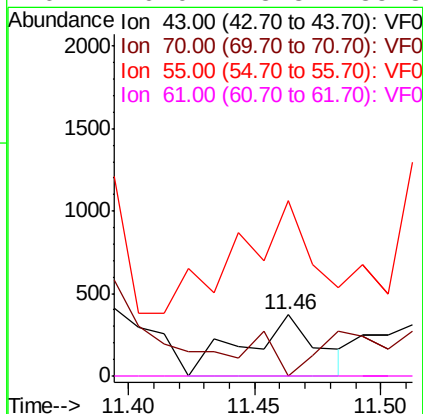
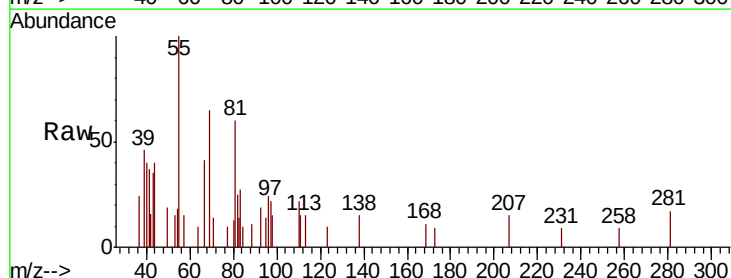
Ion Ratio Lower Upper

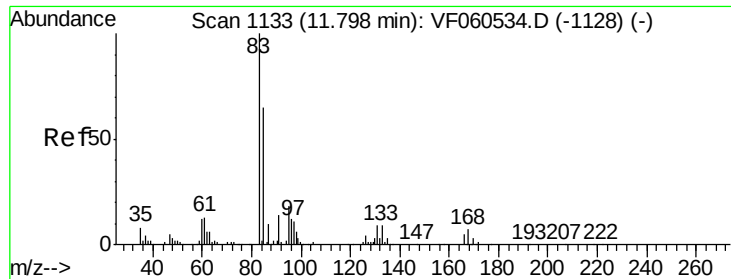
43 100

70 0.0 30.8 46.2#

55 287.1 18.2 27.4#

61 0.0 23.8 35.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 1203.279 ug/l

RT: 11.76 min Scan# 1129

Delta R.T. -0.04 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

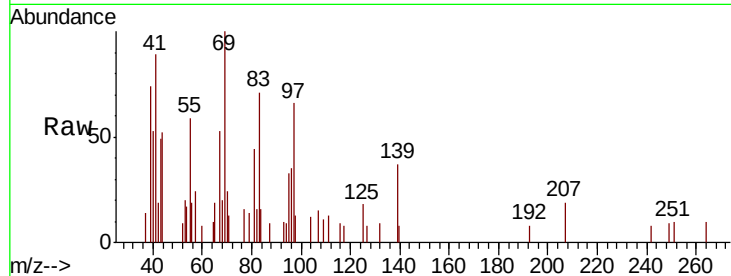
Tot Ion: 83 Resp: 1673

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

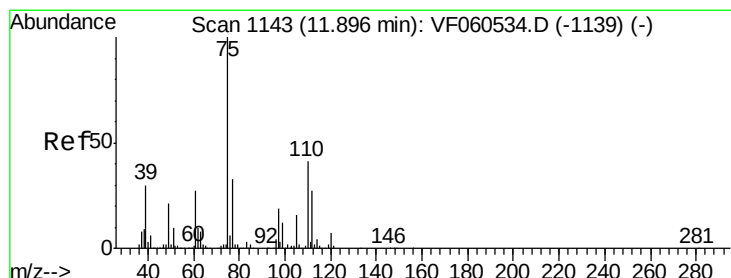
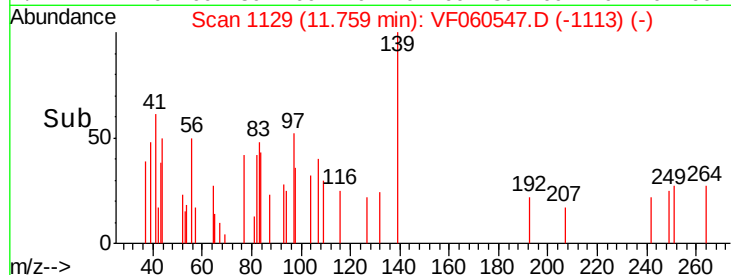
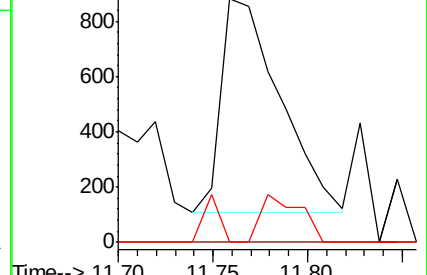
85 0.0 32.4 97.0#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 67.884 ug/l

RT: 11.89 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF060547.D

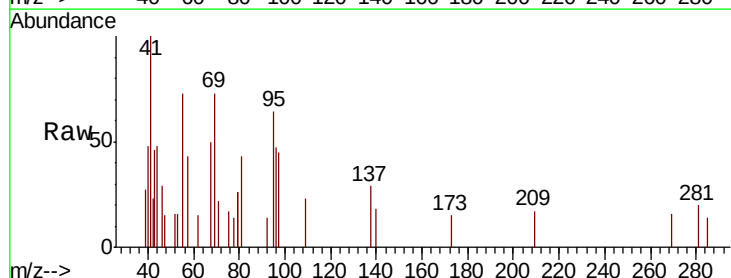
Acq: 30 Oct 2018 16:19

Tgt Ion: 75 Resp: 71

Ion Ratio Lower Upper

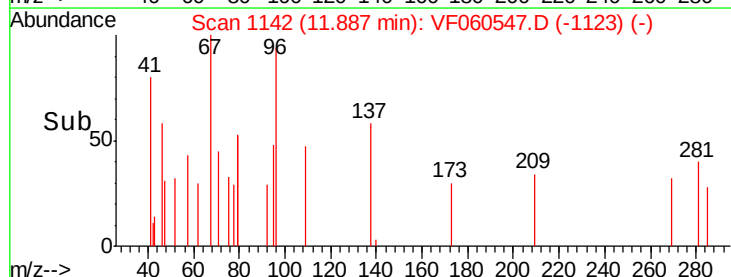
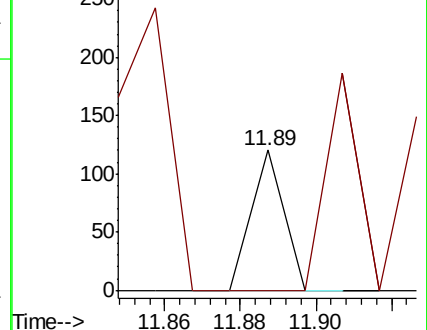
75 100

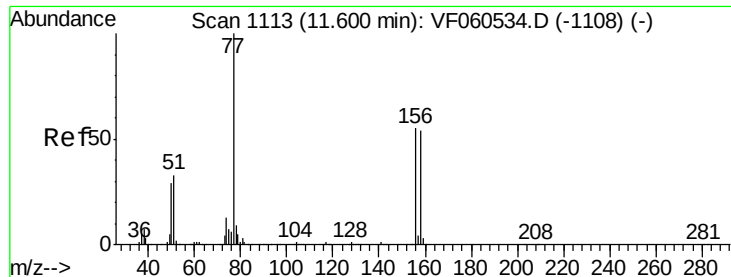
77 0.0 16.7 50.1#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

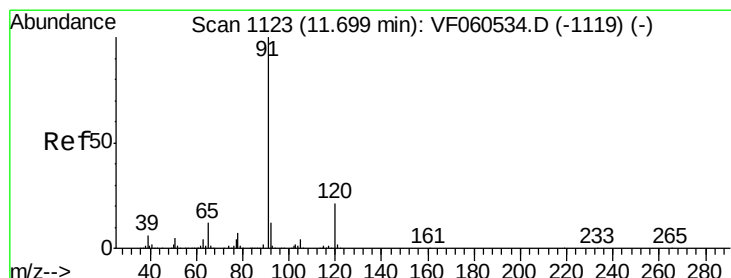
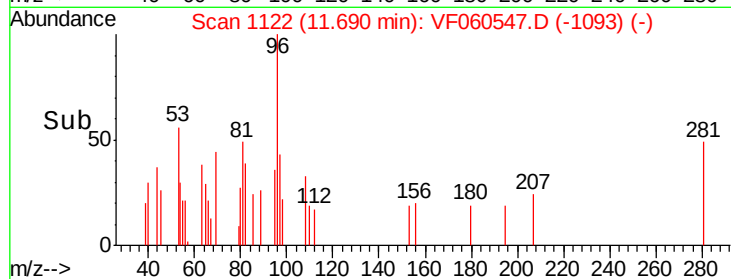
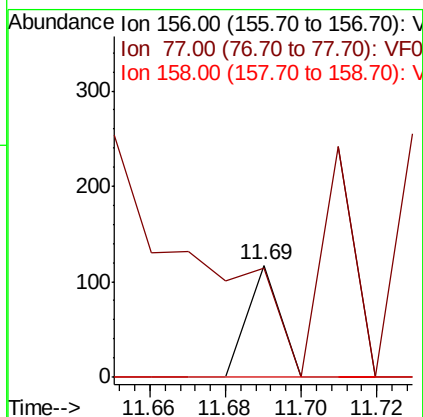
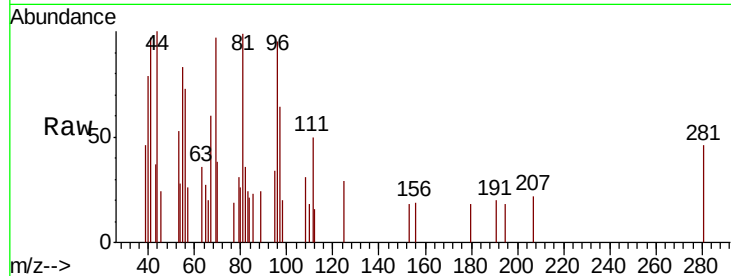




#77
Bromobenzene
Concen: 37.638 ug/l
RT: 11.69 min Scan# 1122
Delta R.T. 0.09 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

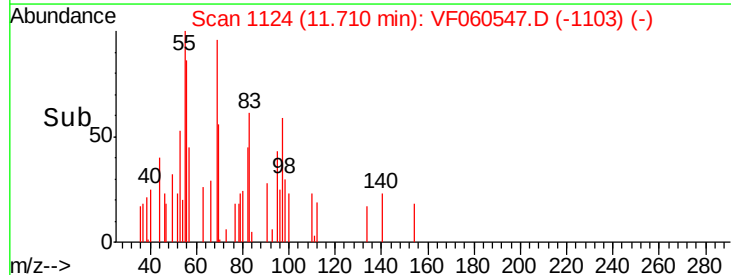
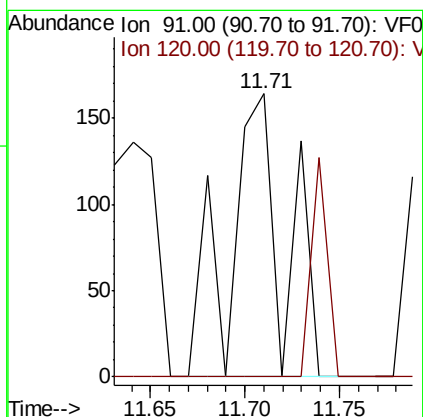
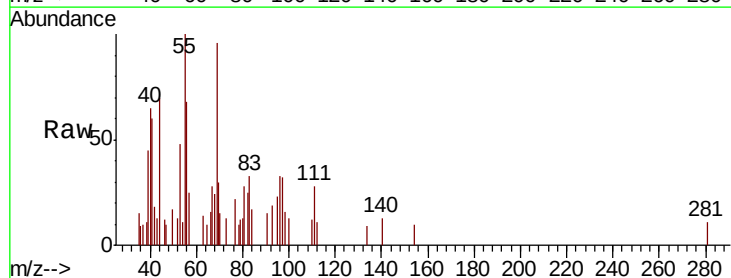
Instrument :
MSVOA_F
ClientSampled :
SB-4

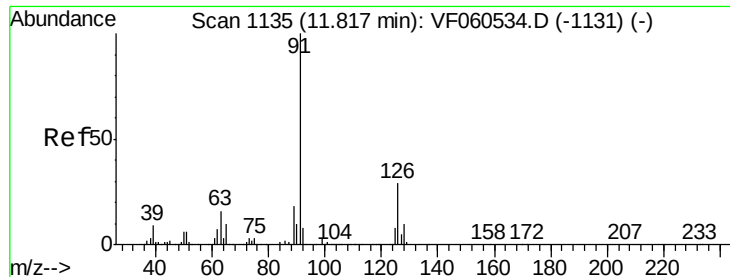
Tot Ion:156 Resp: 69
Ion Ratio Lower Upper
156 100
77 97.4 91.3 274.1
158 0.0 49.3 147.9#



#78
n-propylbenzene
Concen: 33.695 ug/l
RT: 11.71 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 91 Resp: 333
Ion Ratio Lower Upper
91 100
120 0.0 10.7 32.1#





#79

2-Chlorotoluene

Concen: 129.499 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. -0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

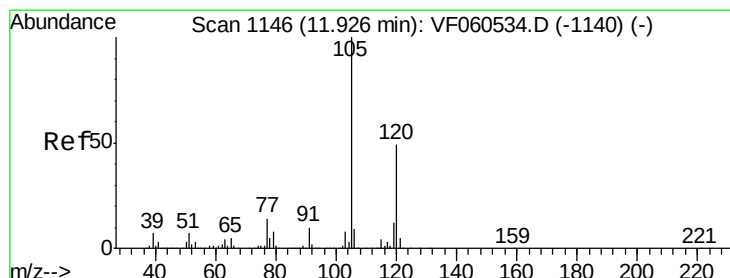
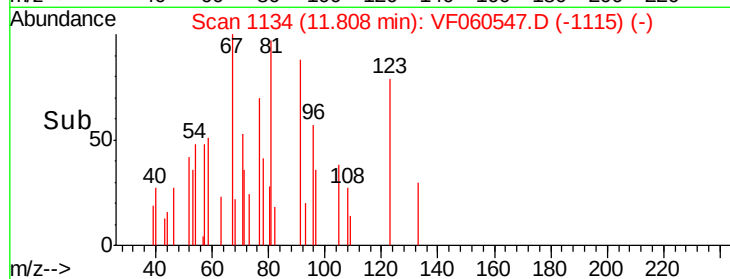
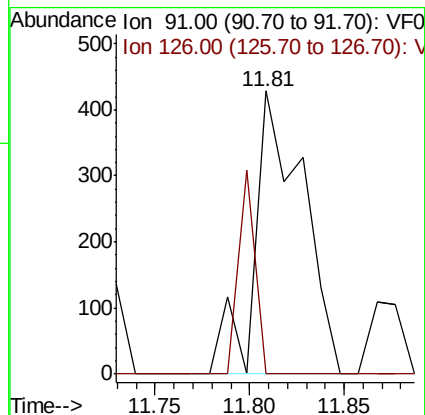
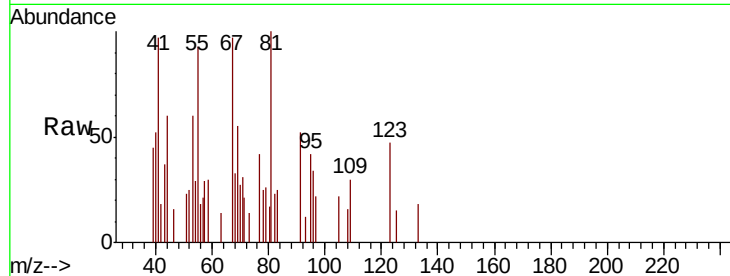
SB-4

Tot Ion: 91 Resp: 766

Ion Ratio Lower Upper

91 100

126 0.0 14.2 42.8#



#80

1,3,5-Trimethylbenzene

Concen: 13.334 ug/l

RT: 11.92 min Scan# 1145

Delta R.T. -0.01 min

Lab File: VF060547.D

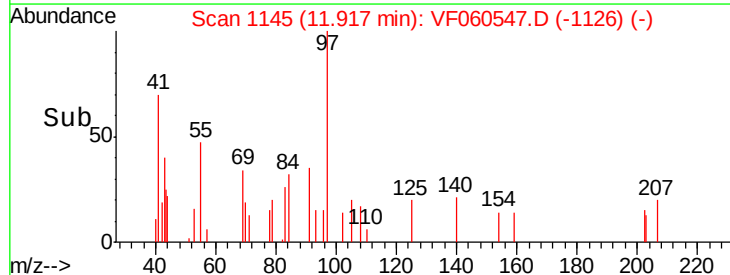
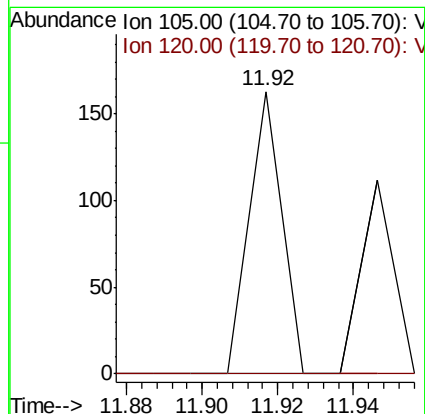
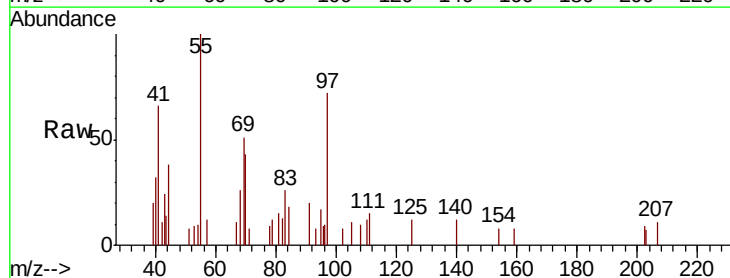
Acq: 30 Oct 2018 16:19

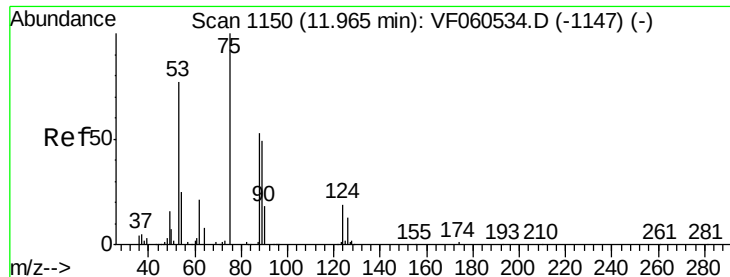
Tgt Ion: 105 Resp: 96

Ion Ratio Lower Upper

105 100

120 0.0 24.3 73.0#

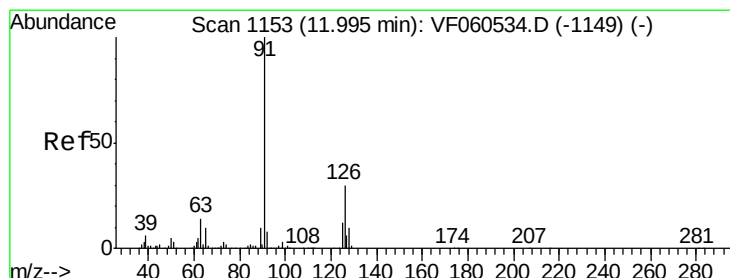
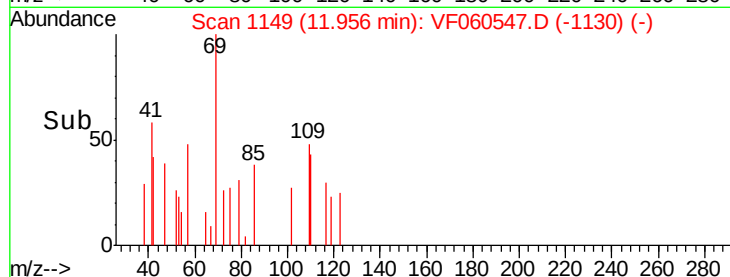
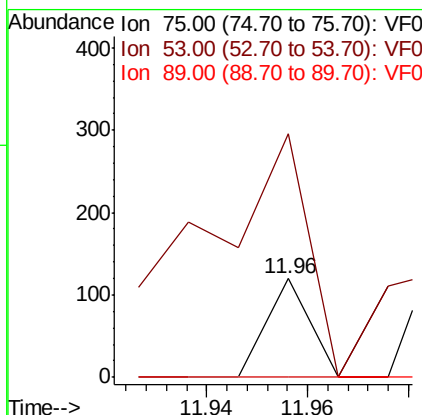
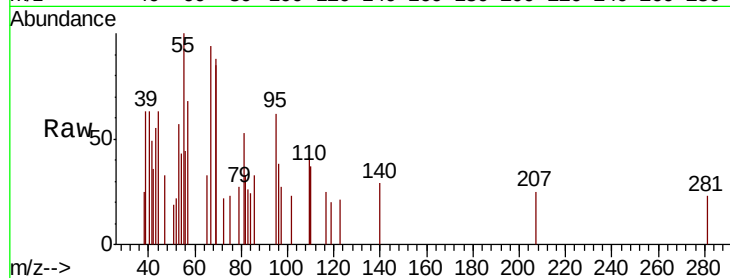




#81
trans-1,4-Dichloro-2-butene
Concen: 155.414 ug/l
RT: 11.96 min Scan# 1149
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

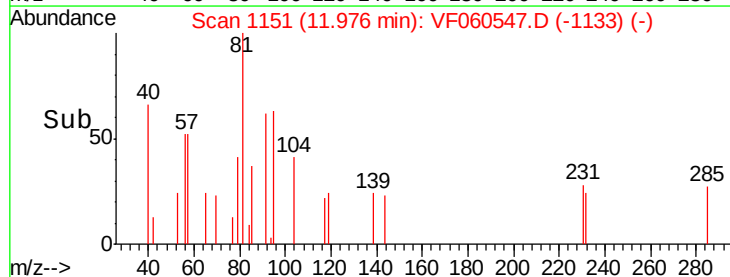
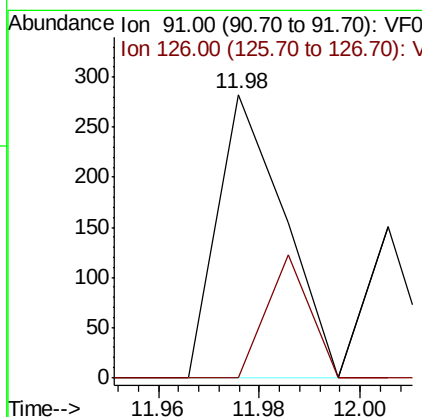
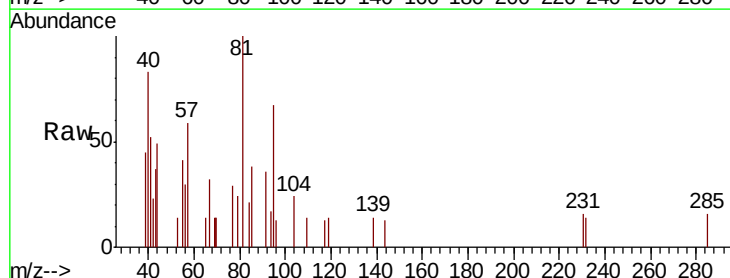
Instrument :
MSVOA_F
ClientSampled :
SB-4

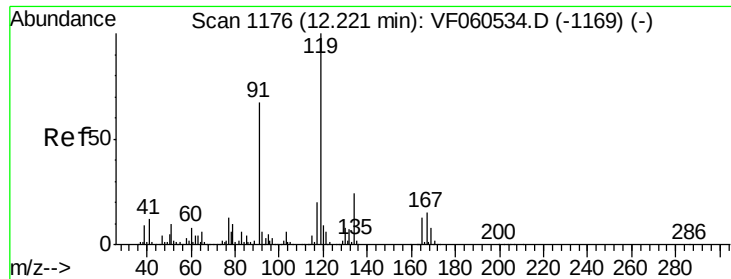
Tot Ion: 75 Resp: 71
Ion Ratio Lower Upper
75 100
53 246.7 65.8 98.6#
89 0.0 44.0 66.0#



#82
4-Chlorotoluene
Concen: 42.232 ug/l
RT: 11.98 min Scan# 1151
Delta R.T. -0.02 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 91 Resp: 259
Ion Ratio Lower Upper
91 100
126 0.0 15.1 45.3#

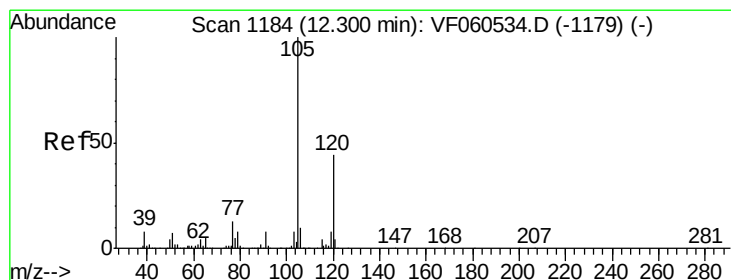
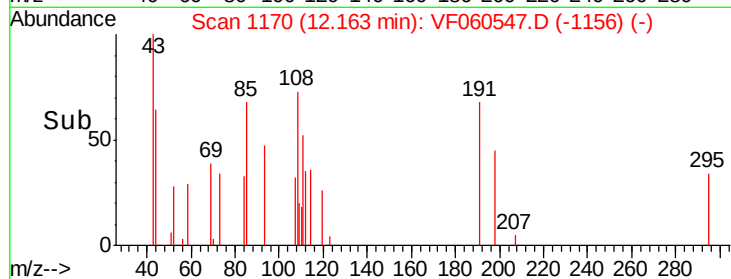
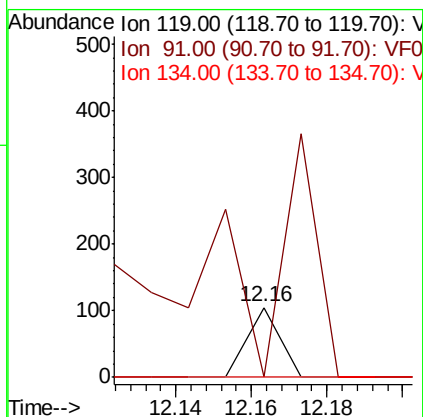
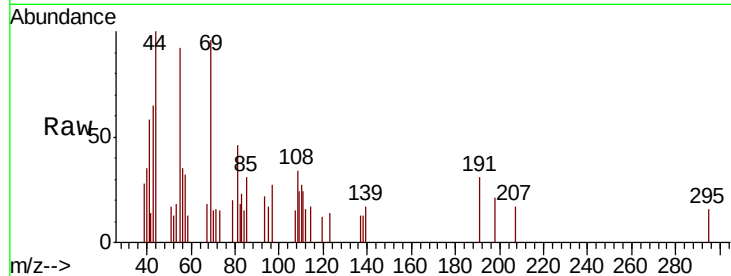




#83
tert-Butylbenzene
Concen: 8.887 ug/l
RT: 12.16 min Scan# 1170
Delta R.T. -0.06 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

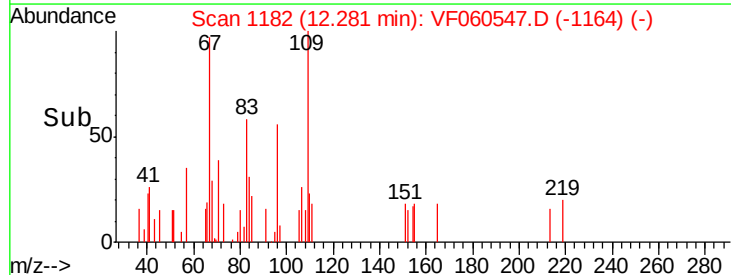
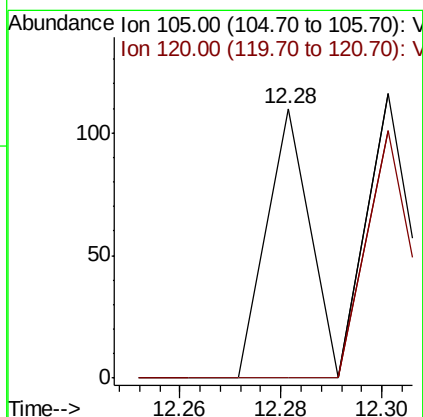
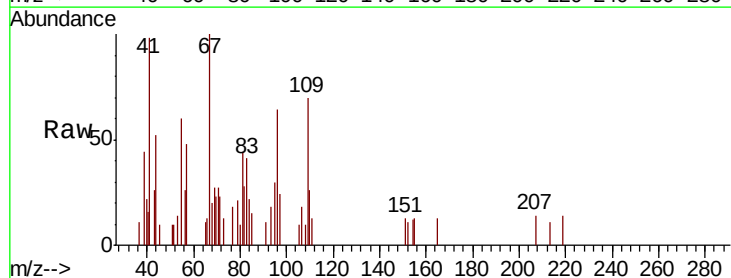
Instrument :
MSVOA_F
ClientSampled :
SB-4

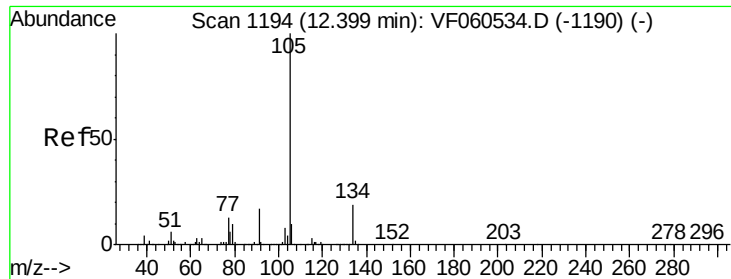
Tot Ion:119 Resp: 62
Ion Ratio Lower Upper
119 100
91 0.0 33.6 100.8#
134 0.0 12.0 36.0#



#84
1,2,4-Trimethylbenzene
Concen: 8.888 ug/l
RT: 12.28 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion:105 Resp: 65
Ion Ratio Lower Upper
105 100
120 0.0 22.0 66.0#





#85

sec-Butylbenzene

Concen: 17.693 ug/l

RT: 12.38 min Scan# 1192

Delta R.T. -0.02 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

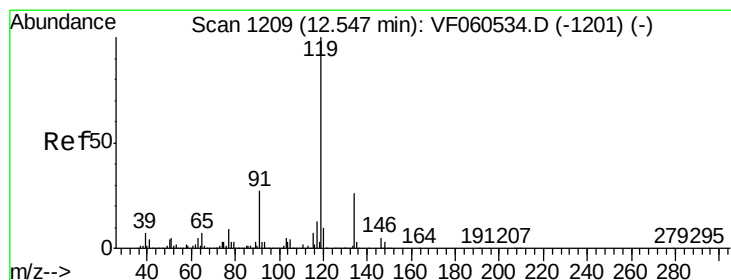
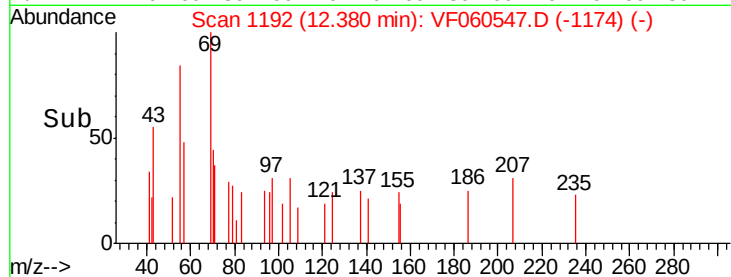
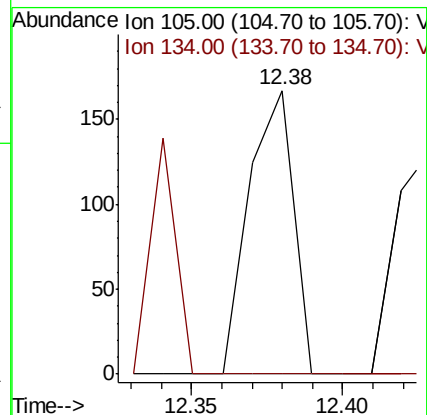
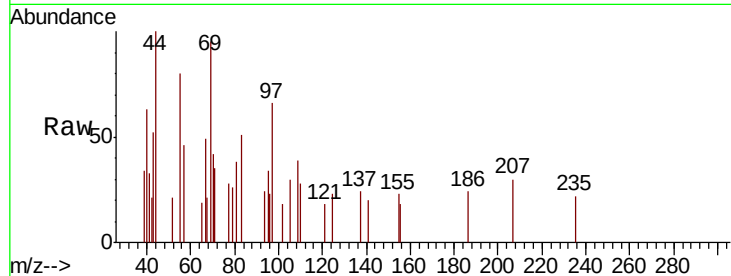
SB-4

Tot Ion:105 Resp: 173

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.6#



#86

p-Isopropyltoluene

Concen: 8.598 ug/l

RT: 12.62 min Scan# 1216

Delta R.T. 0.07 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

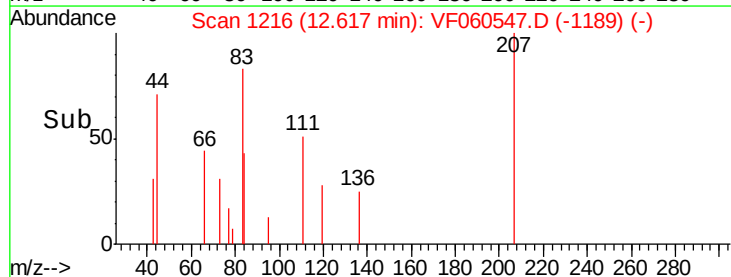
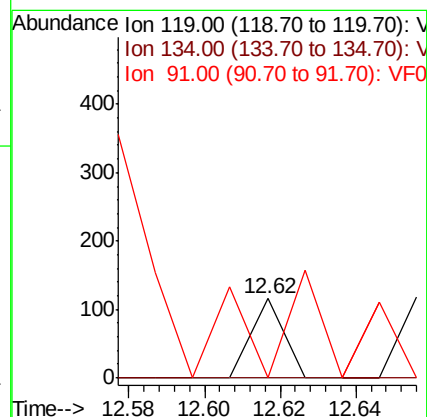
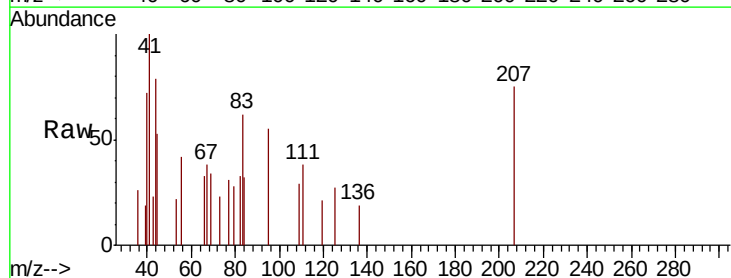
Tgt Ion:119 Resp: 69

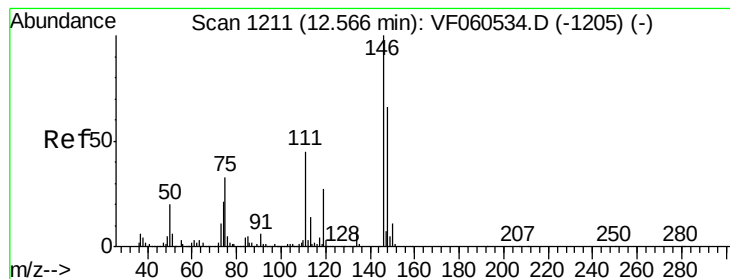
Ion Ratio Lower Upper

119 100

134 0.0 13.1 39.1#

91 0.0 13.5 40.4#





#87

1,3-Dichlorobenzene

Concen: 21.042 ug/l

RT: 12.68 min Scan# 1222

Delta R.T. 0.11 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

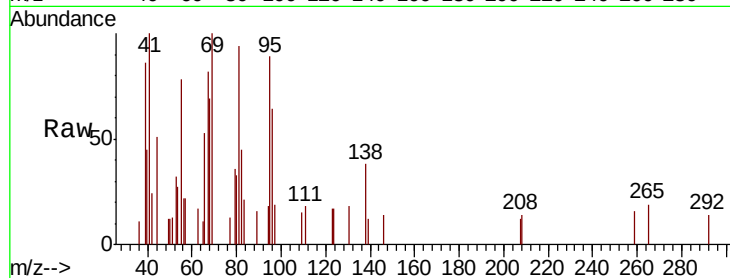
Tot Ion:146 Resp: 77

Ion Ratio Lower Upper

146 100

111 126.7 22.6 67.7#

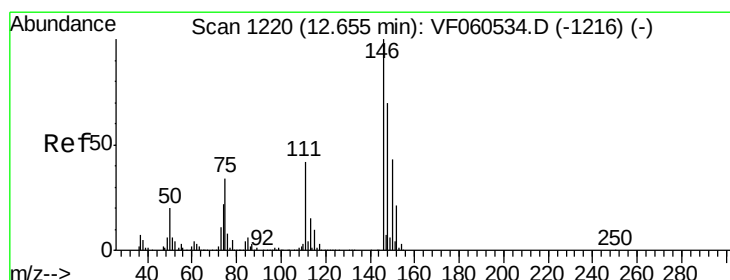
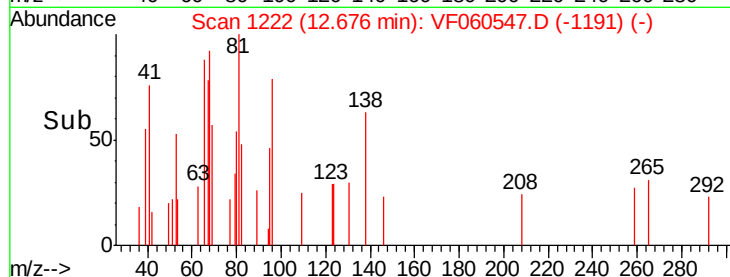
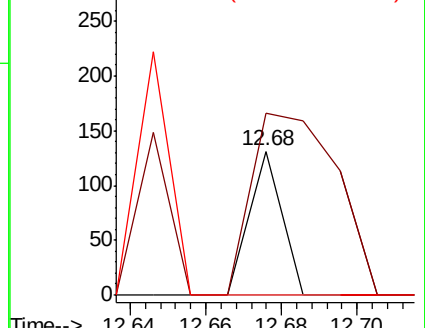
148 0.0 33.1 99.3#



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



#88

1,4-Dichlorobenzene

Concen: 22.295 ug/l

RT: 12.68 min Scan# 1222

Delta R.T. 0.02 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

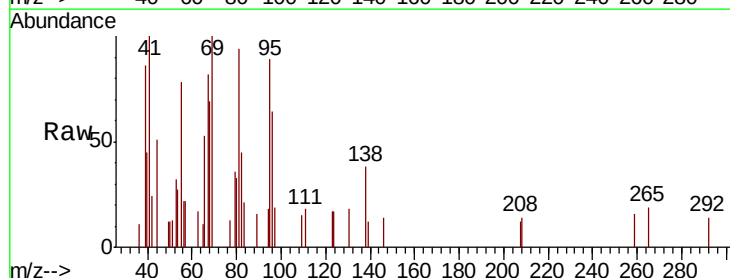
Tgt Ion:146 Resp: 77

Ion Ratio Lower Upper

146 100

111 126.7 21.2 63.6#

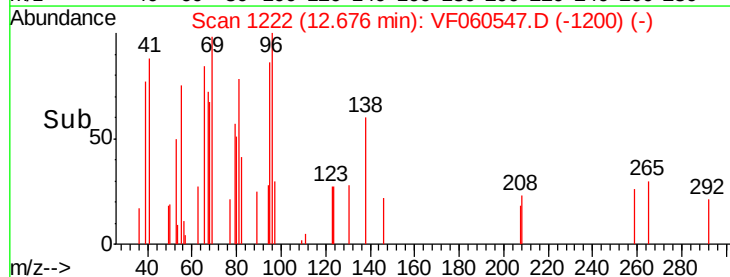
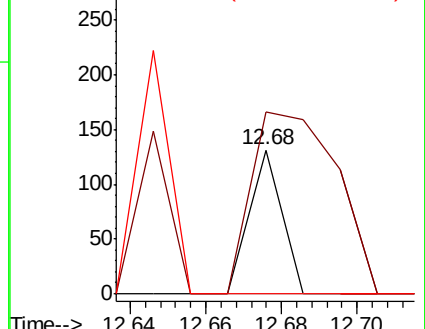
148 0.0 35.1 105.5#

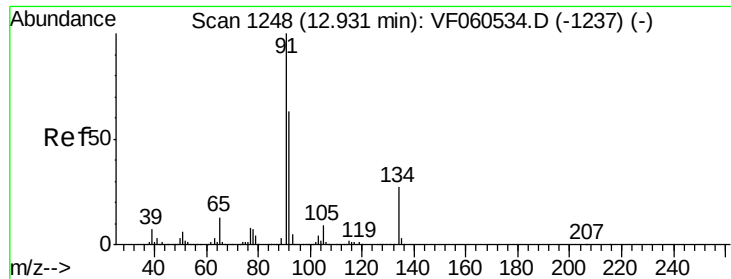


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

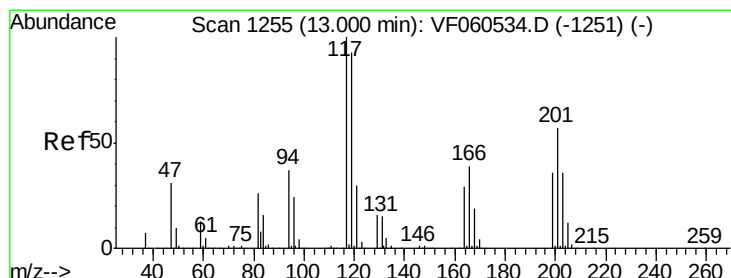
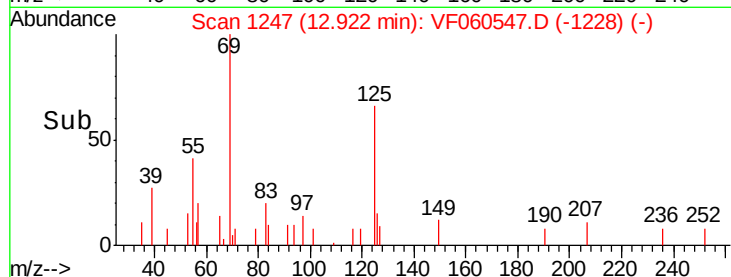
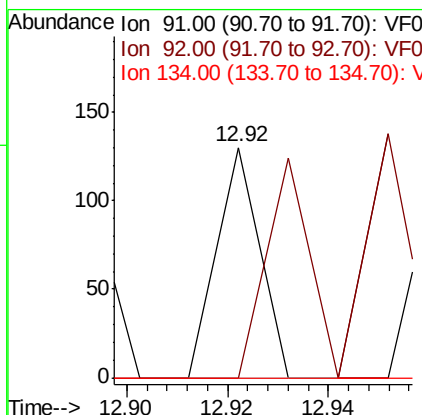
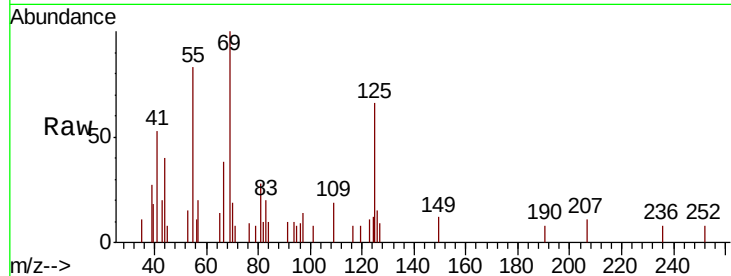




#89
n-Butylbenzene
Concen: 4.310 ug/l
RT: 12.92 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

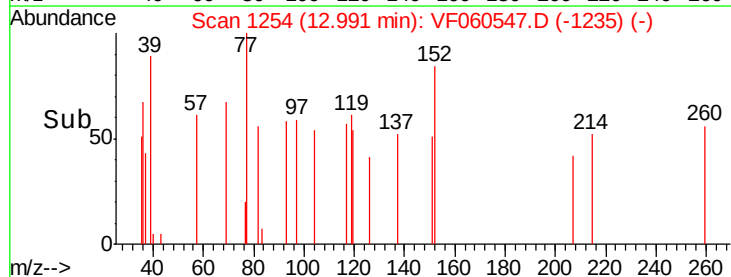
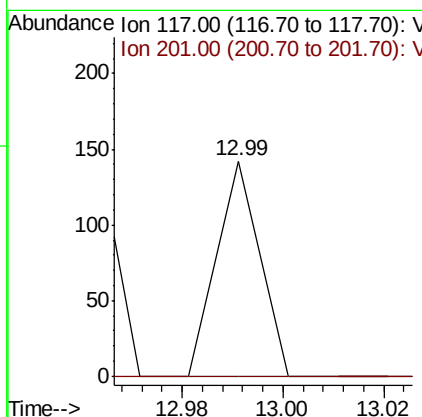
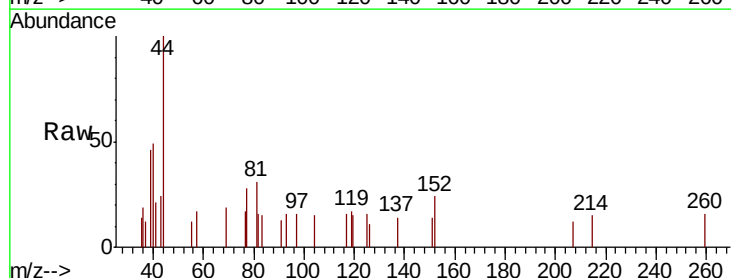
Instrument :
MSVOA_F
ClientSampled :
SB-4

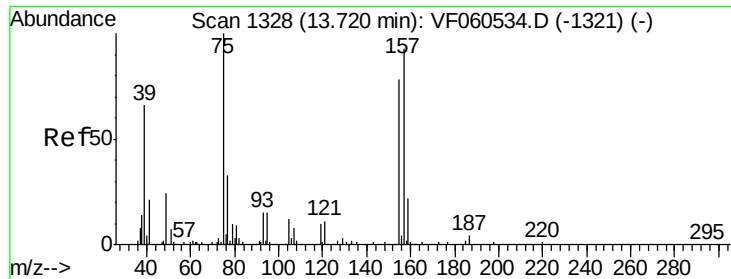
Tot Ion: 91 Resp: 77
Ion Ratio Lower Upper
91 100
92 0.0 31.3 93.9#
134 0.0 13.3 39.8#



#90
Hexachloroethane
Concen: 40.555 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 117 Resp: 84
Ion Ratio Lower Upper
117 100
201 0.0 28.2 84.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 305.255 ug/l

RT: 13.76 min Scan# 1332

Delta R.T. 0.04 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

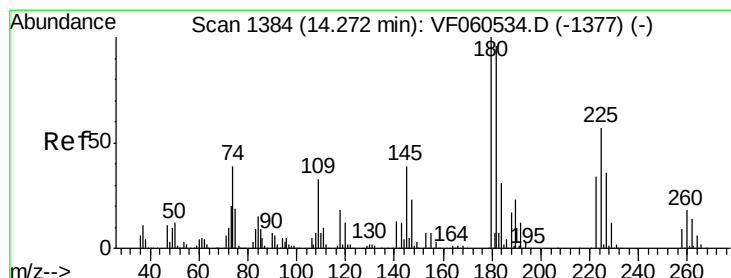
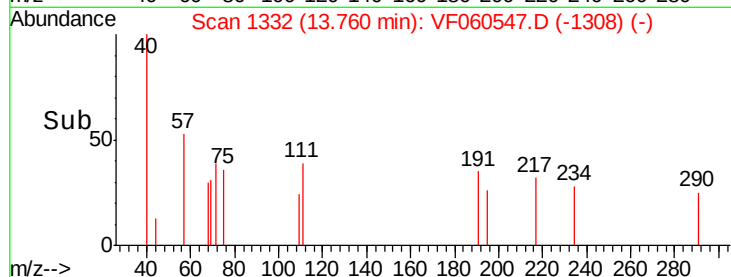
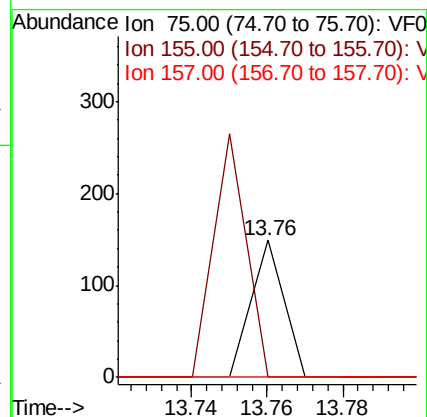
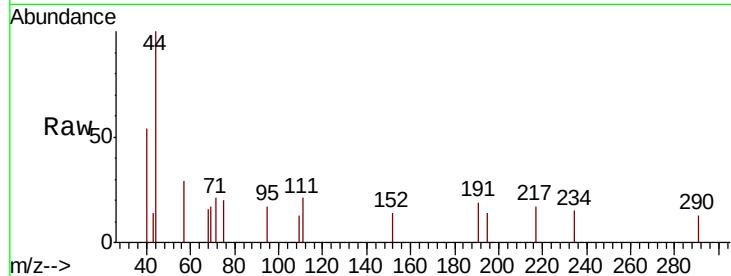
Tot Ion: 75 Resp: 88

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: 25.171 ug/l

RT: 14.25 min Scan# 1382

Delta R.T. -0.02 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

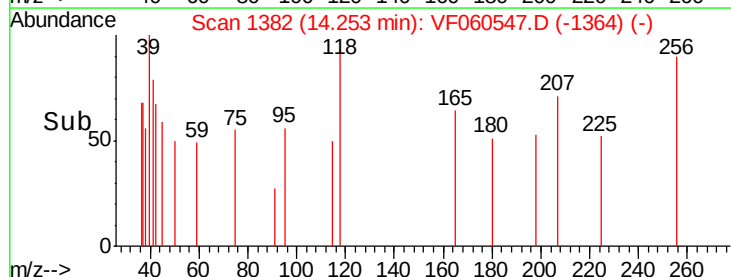
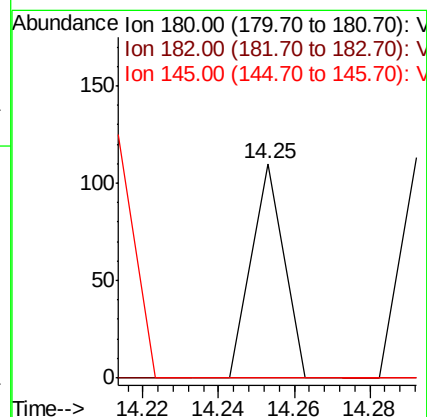
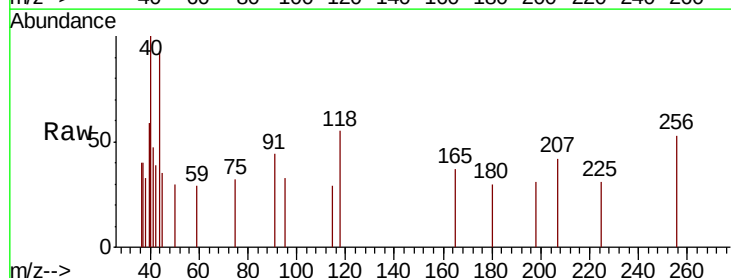
Tgt Ion: 180 Resp: 65

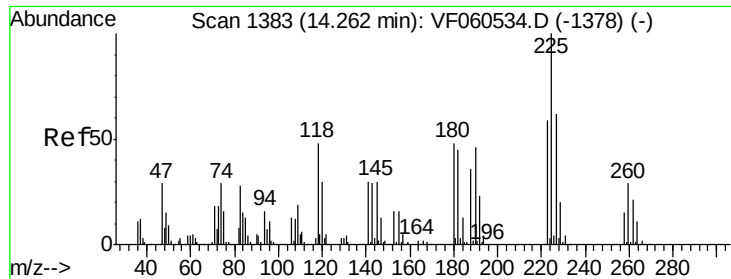
Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

145 0.0 19.5 58.5#





#94

Hexachlorobutadiene

Concen: 36.097 ug/l

RT: 14.19 min Scan# 1376

Delta R.T. -0.07 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

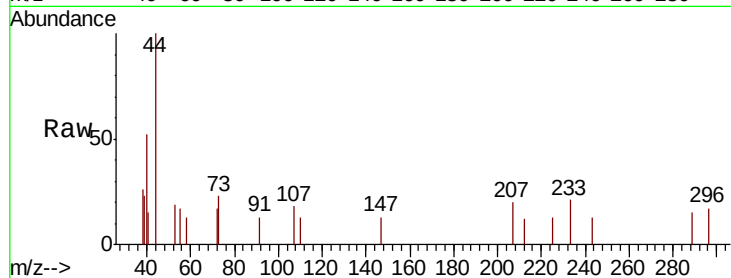
Tot Ion:225 Resp: 66

Ion Ratio Lower Upper

225 100

223 0.0 29.5 88.5#

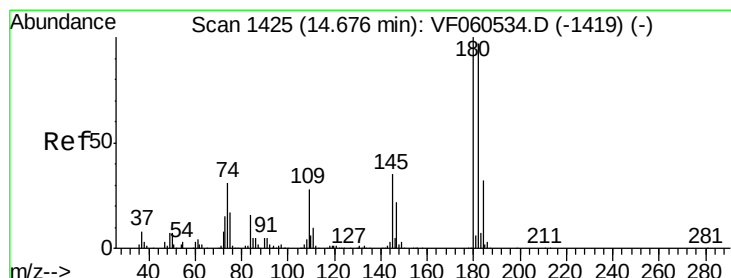
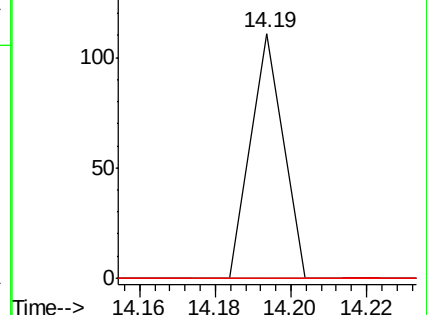
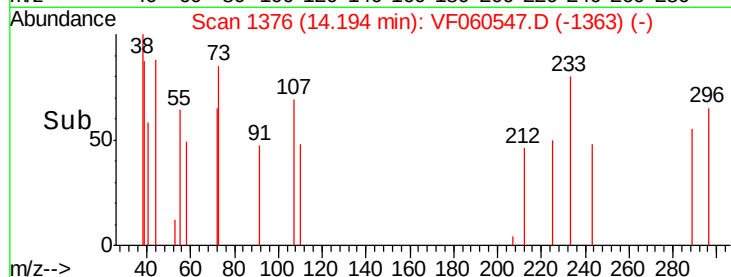
227 0.0 31.3 93.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 44.345 ug/l

RT: 14.54 min Scan# 1411

Delta R.T. -0.14 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

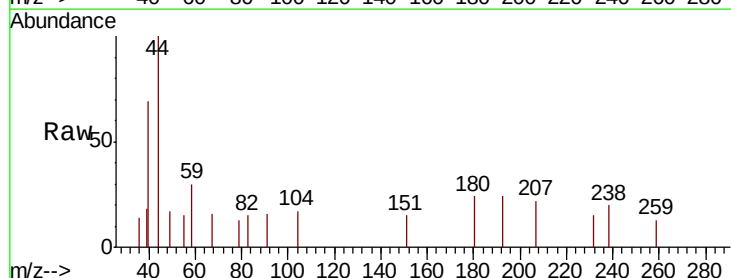
Tgt Ion:180 Resp: 109

Ion Ratio Lower Upper

180 100

182 0.0 48.7 146.1#

145 0.0 17.3 52.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

