

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
 Data File : VF060326.D
 Acq On : 25 Sep 2018 15:53
 Operator : VA/AP
 Sample : VF0925SBS01
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

Quant Time: Sep 26 01:44:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	262397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	416888	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	382022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	205781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.00	65	188547	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	4.27	113	188119	50.62	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	7.69	98	472764	48.85	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.50	95	213657	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	108960	24.563	ug/l	89
3) Chloromethane	1.12	50	74617	20.867	ug/l	96
4) Vinyl Chloride	1.17	62	78025	21.411	ug/l	95
5) Bromomethane	1.34	94	51281	20.862	ug/l	91
6) Chloroethane	1.43	64	37315	21.500	ug/l	91
7) Trichlorofluoromethane	1.53	101	161375	23.769	ug/l	91
8) Diethyl Ether	1.69	74	22816	20.199	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	1.88	101	82703	22.905	ug/l	95
10) Methyl Iodide	1.96	142	126996	21.811	ug/l #	96
11) Tert butyl alcohol	2.67	59	25858	122.616	ug/l	99
12) 1,1-Dichloroethene	1.84	96	65827	22.045	ug/l	85
13) Acrolein	2.08	56	9162	99.376	ug/l	90
14) Allyl chloride	2.18	41	111650	21.427	ug/l	95
15) Acrylonitrile	3.07	53	52504	105.215	ug/l	89
16) Acetone	2.33	43	118341	118.931	ug/l	99
17) Carbon Disulfide	1.88	76	201019	23.085	ug/l	96
18) Methyl Acetate	2.43	43	35568	21.457	ug/l	98
19) Methyl tert-butyl Ether	2.52	73	177069	23.787	ug/l	100
20) Methylene Chloride	2.27	84	40011	8.757	ug/l	91
21) trans-1,2-Dichloroethene	2.40	96	65505	21.240	ug/l	96
22) Diisopropyl ether	2.92	45	216518	22.023	ug/l	96
23) Vinyl Acetate	3.32	43	430886	111.591	ug/l	100
24) 1,1-Dichloroethane	2.99	63	144952	22.734	ug/l	99
25) 2-Butanone	4.49	43	133361	99.574	ug/l	97
26) 2,2-Dichloropropane	3.75	77	75436	20.735	ug/l	94
27) cis-1,2-Dichloroethene	3.62	96	85665	21.143	ug/l	87
28) Bromochloromethane	3.87	49	51773	20.856	ug/l	87
29) Tetrahydrofuran	4.24	42	50376	102.711	ug/l	98
30) Chloroform	4.02	83	159121	20.683	ug/l	93
31) Cyclohexane	3.84	56	104079	19.325	ug/l	95
32) 1,1,1-Trichloroethane	4.27	97	135357	22.298	ug/l	95
36) 1,1-Dichloropropene	4.45	75	114149	21.951	ug/l	97
37) Ethyl Acetate	4.27	43	45599	20.724	ug/l #	78
38) Carbon Tetrachloride	4.15	117	154688	27.695	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	121989	21.645	ug/l	91
40) Benzene	4.79	78	262027	22.222	ug/l	99
41) Methacrylonitrile	4.91	41	27255	22.828	ug/l #	81
42) 1,2-Dichloroethane	5.10	62	100600	23.180	ug/l	94
43) Isopropyl Acetate	7.10	43	55970	21.130	ug/l #	86
44) Trichloroethene	5.66	130	75693	21.570	ug/l	86
45) 1,2-Dichloropropane	6.39	63	69249	22.693	ug/l	94
46) Dibromomethane	6.24	93	48556	22.260	ug/l	96
47) Bromodichloromethane	6.53	83	119687	22.832	ug/l	93
48) Methyl methacrylate	6.86	41	38247	20.569	ug/l	93
49) 1,4-Dioxane	6.85	88	7269	437.575	ug/l #	68
51) 4-Methyl-2-Pentanone	8.39	43	207204	101.492	ug/l	93
52) Toluene	7.77	92	162135	21.736	ug/l	98
53) t-1,3-Dichloropropene	8.41	75	98425	23.278	ug/l	99
54) cis-1,3-Dichloropropene	7.44	75	114832	21.558	ug/l	95
55) 1,1,2-Trichloroethane	8.62	97	49636	21.924	ug/l	96
56) Ethyl methacrylate	8.74	69	55386	20.256	ug/l	89
57) 1,3-Dichloropropane	8.99	76	86843	23.166	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.77	63	26178	108.299	ug/l	100
59) 2-Hexanone	9.61	43	142862	98.280	ug/l	97
60) Dibromochloromethane	8.85	129	75405	22.346	ug/l	97
61) 1,2-Dibromoethane	9.12	107	55621	22.062	ug/l	99
64) Tetrachloroethene	8.29	164	70012	20.216	ug/l	95
65) Chlorobenzene	9.93	112	181511	20.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.05	131	77865	21.670	ug/l	97
67) Ethyl Benzene	10.02	91	339488	21.206	ug/l	98
68) m/p-Xylenes	10.25	106	243816	44.083	ug/l	100
69) o-Xylene	10.81	106	135489	21.841	ug/l	94
70) Styrene	10.89	104	188602	21.558	ug/l	97
71) Bromoform	10.88	173	41059	20.806	ug/l #	94
73) Isopropylbenzene	11.22	105	397473	21.516	ug/l	97
74) N-amyl acetate	11.45	43	79702	20.232	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.78	83	68872	21.037	ug/l	89
76) 1,2,3-Trichloropropane	11.88	75	49623	21.169	ug/l	88
77) Bromobenzene	11.58	156	81344	20.432	ug/l	96
78) n-propylbenzene	11.68	91	488195	22.169	ug/l	98
79) 2-Chlorotoluene	11.80	91	263072	21.111	ug/l	97
80) 1,3,5-Trimethylbenzene	11.91	105	333954	22.457	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.95	75	34813	28.102	ug/l	96
82) 4-Chlorotoluene	11.98	91	275525	21.998	ug/l	97
83) tert-Butylbenzene	12.20	119	326965	21.690	ug/l	94
84) 1,2,4-Trimethylbenzene	12.28	105	337544	22.354	ug/l	100
85) sec-Butylbenzene	12.38	105	449490	20.712	ug/l	100
86) p-Isopropyltoluene	12.53	119	363503	21.384	ug/l	96
87) 1,3-Dichlorobenzene	12.55	146	163498	21.977	ug/l	98
88) 1,4-Dichlorobenzene	12.64	146	155689	21.173	ug/l	97
89) n-Butylbenzene	12.91	91	391908	21.460	ug/l	94
90) Hexachloroethane	12.98	117	92222	21.863	ug/l	89
91) 1,2-Dichlorobenzene	13.01	146	157313	22.166	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.70	75	13315	21.662	ug/l	77

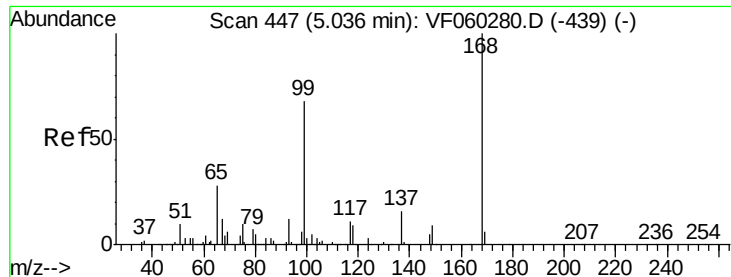
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	114700	22.236	ug/l	95
94) Hexachlorobutadiene	14.24	225	75517	21.657	ug/l	97
95) Naphthalene	14.51	128	179773	19.878	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	104877	22.003	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

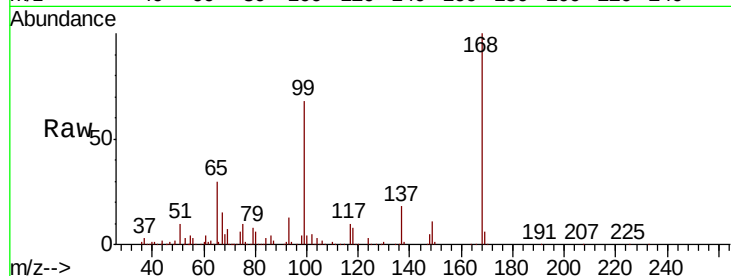
VF0925SBS01

Tgt Ion:168 Resp: 262397

Ion Ratio Lower Upper

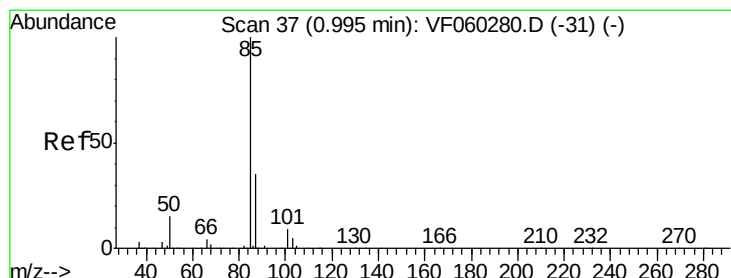
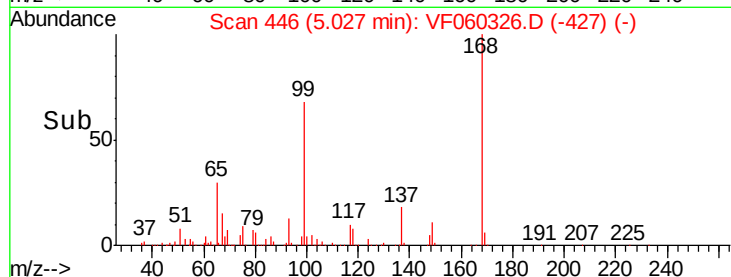
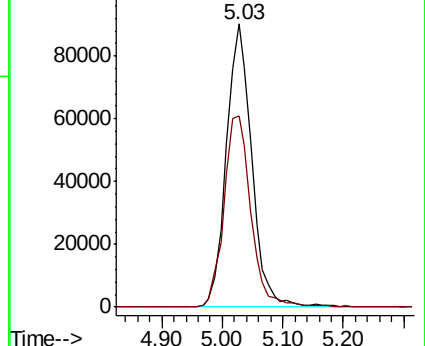
168 100

99 67.7 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 24.563 ug/l

RT: 0.99 min Scan# 36

Delta R.T. -0.01 min

Lab File: VF060326.D

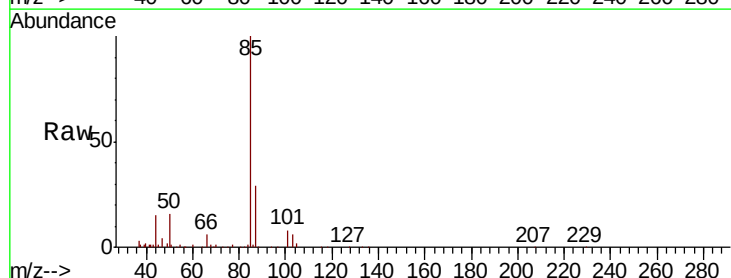
Acq: 25 Sep 2018 15:53

Tgt Ion: 85 Resp: 108960

Ion Ratio Lower Upper

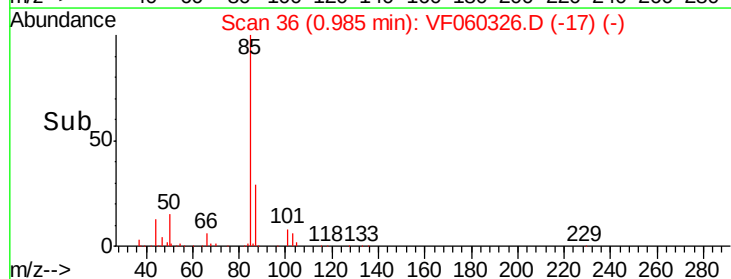
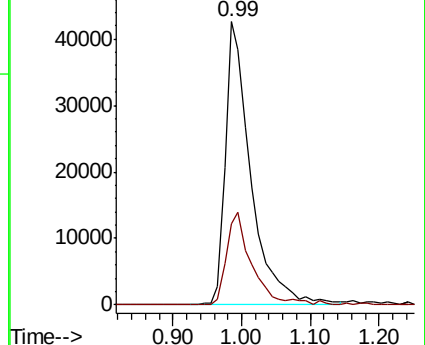
85 100

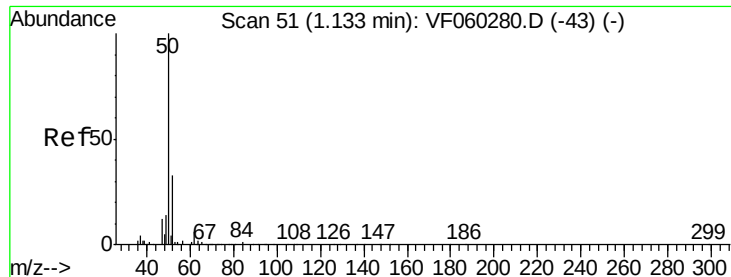
87 28.5 17.3 52.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 20.867 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

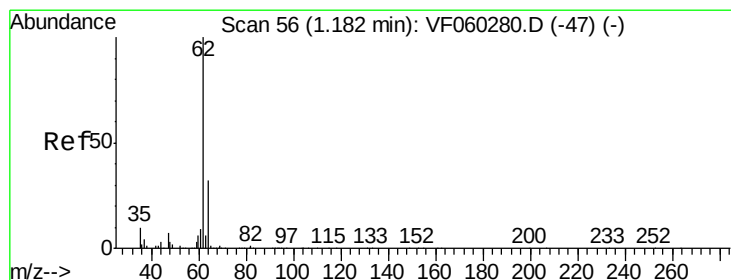
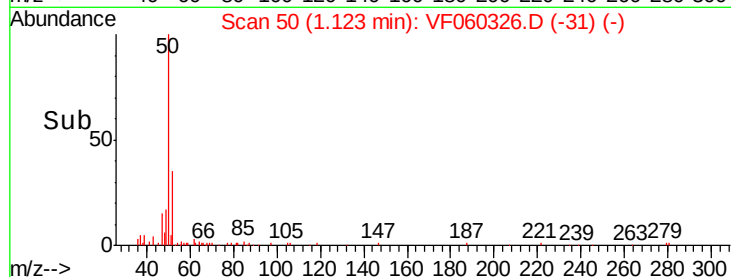
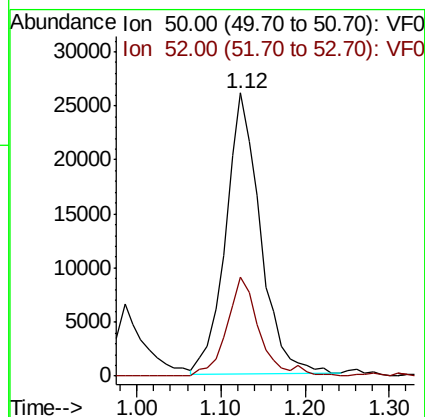
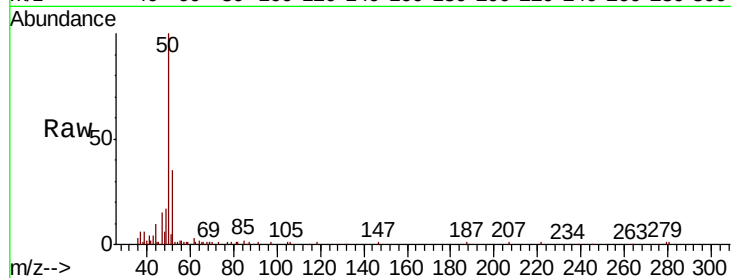
VF0925SBS01

Tgt Ion: 50 Resp: 74617

Ion Ratio Lower Upper

50 100

52 35.2 26.5 39.7



#4

Vinyl Chloride

Concen: 21.411 ug/l

RT: 1.17 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF060326.D

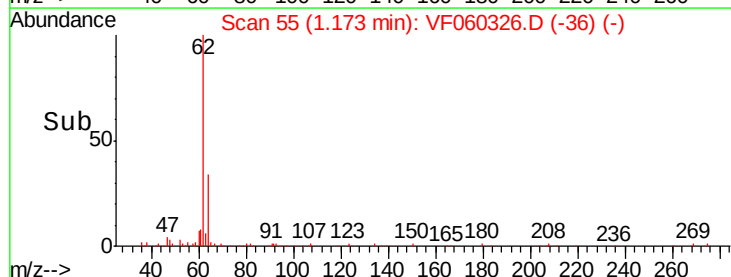
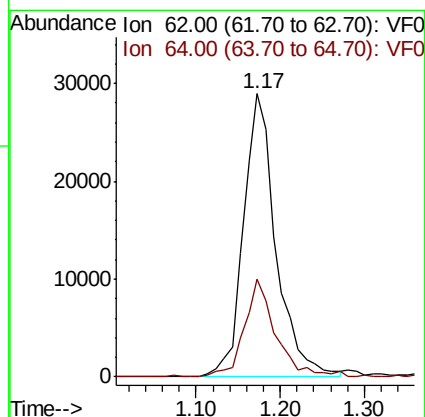
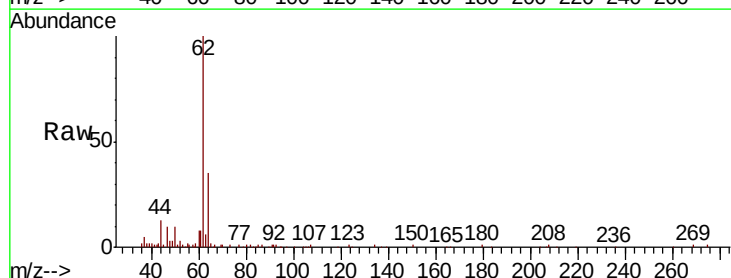
Acq: 25 Sep 2018 15:53

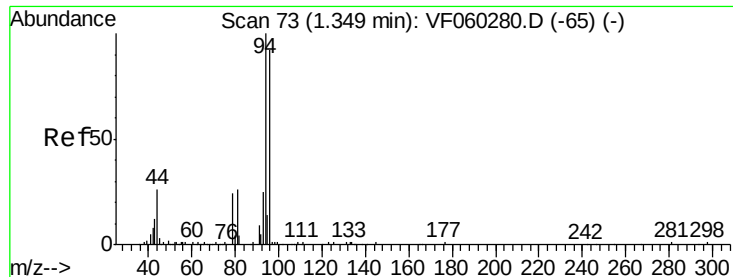
Tgt Ion: 62 Resp: 78025

Ion Ratio Lower Upper

62 100

64 34.5 25.2 37.8





#5

Bromomethane

Concen: 20.862 ug/l

RT: 1.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

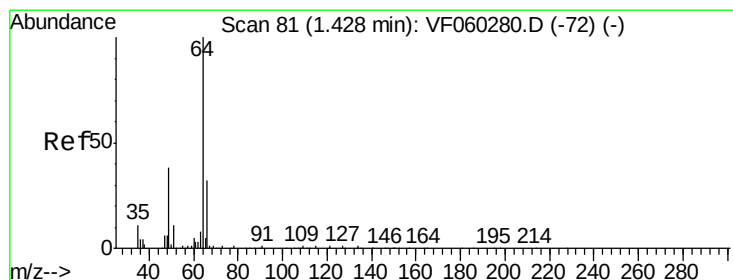
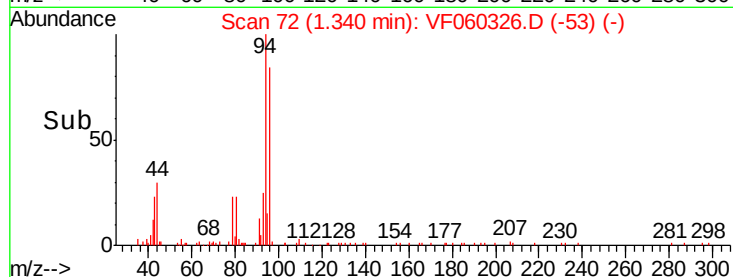
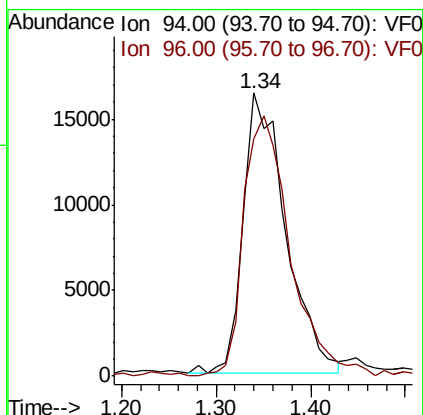
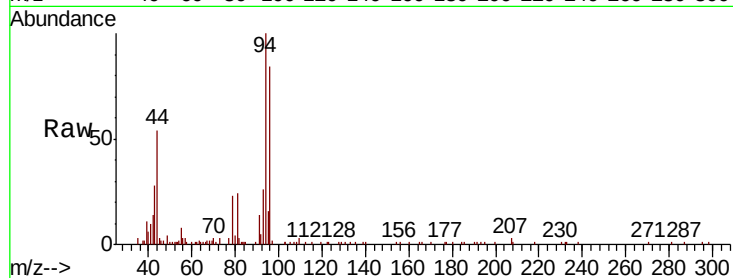
VF0925SBS01

Tgt Ion: 94 Resp: 51281

Ion Ratio Lower Upper

94 100

96 83.8 73.9 110.9



#6

Chloroethane

Concen: 21.500 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF060326.D

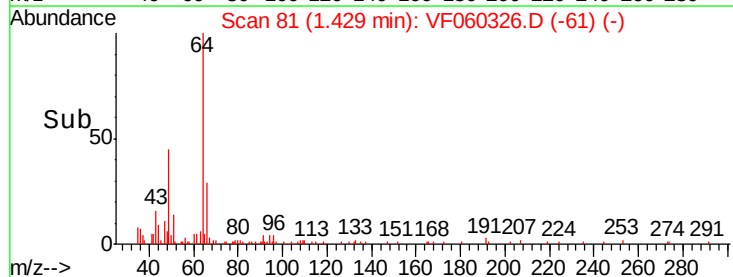
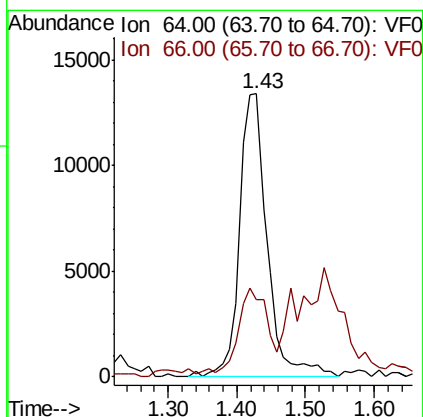
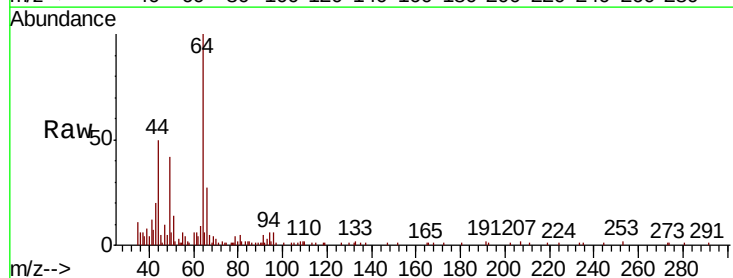
Acq: 25 Sep 2018 15:53

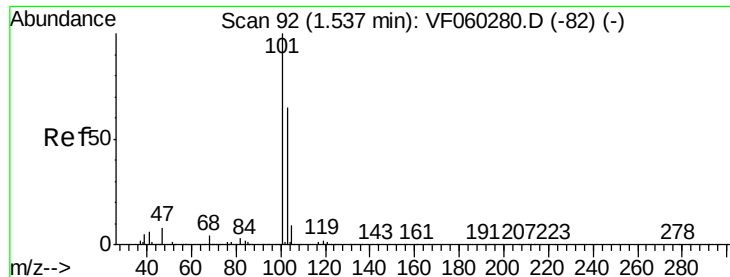
Tgt Ion: 64 Resp: 37315

Ion Ratio Lower Upper

64 100

66 27.5 26.2 39.2





#7

Trichlorofluoromethane

Concen: 23.769 ug/l

RT: 1.53 min Scan# 91

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

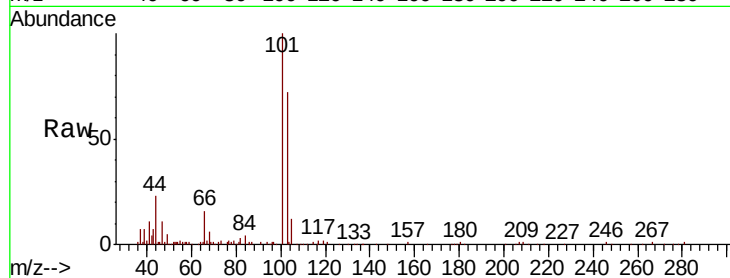
VF0925SBS01

Tgt Ion:101 Resp: 161375

Ion Ratio Lower Upper

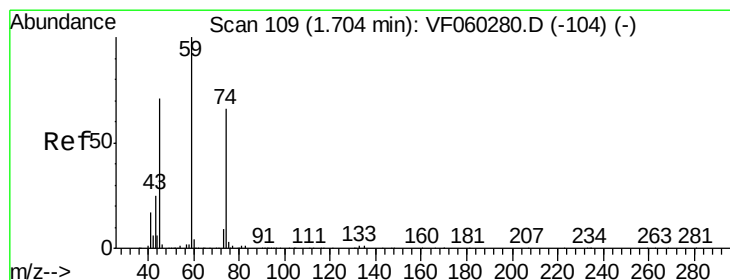
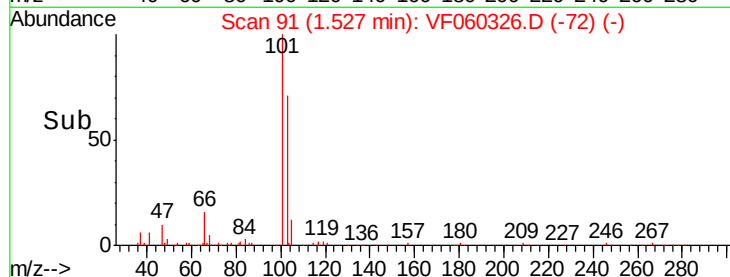
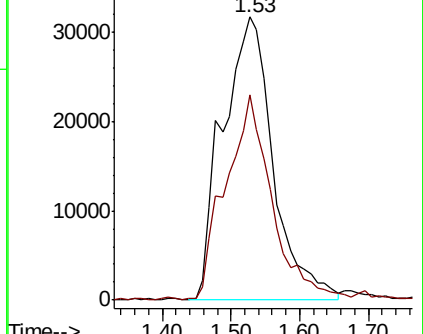
101 100

103 72.3 52.0 78.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 20.199 ug/l

RT: 1.69 min Scan# 108

Delta R.T. -0.01 min

Lab File: VF060326.D

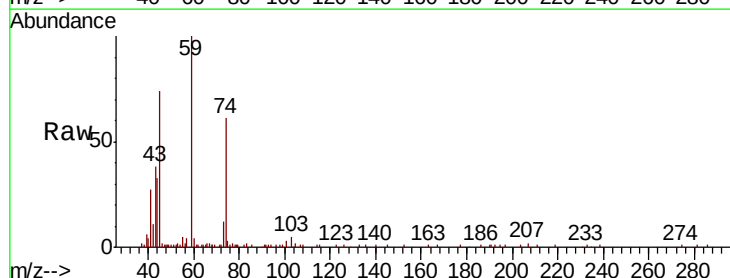
Acq: 25 Sep 2018 15:53

Tgt Ion: 74 Resp: 22816

Ion Ratio Lower Upper

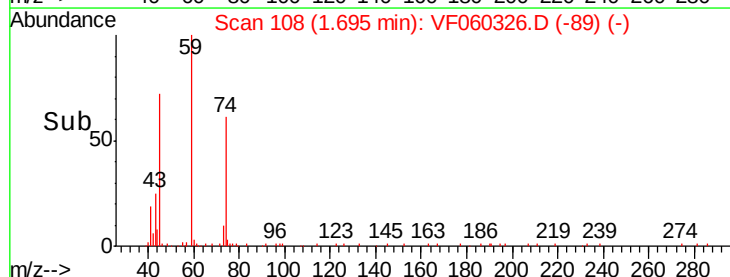
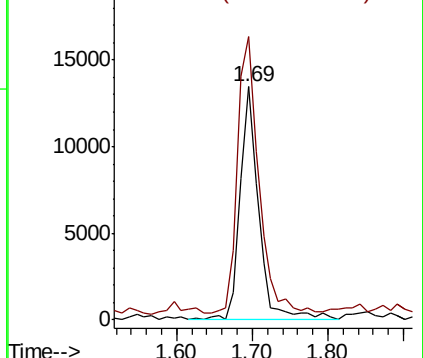
74 100

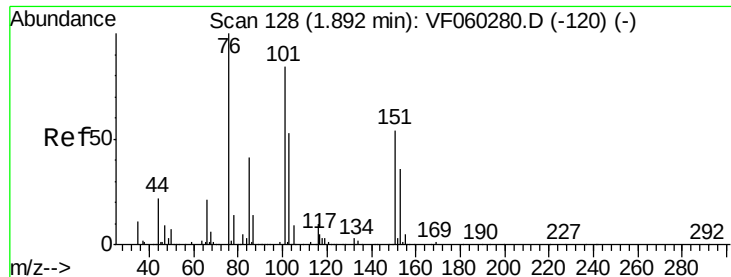
45 121.3 53.9 161.7



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.905 ug/l

RT: 1.88 min Scan# 127

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

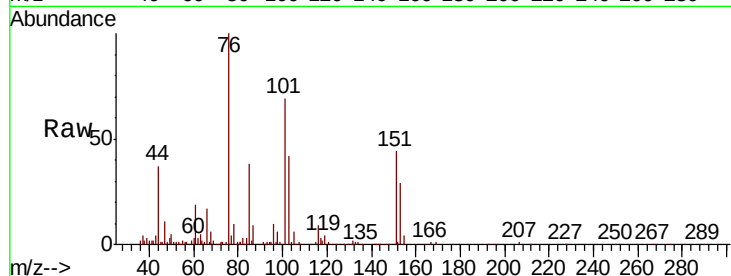
Tgt Ion:101 Resp: 82703

Ion Ratio Lower Upper

101 100

85 54.6 38.7 58.1

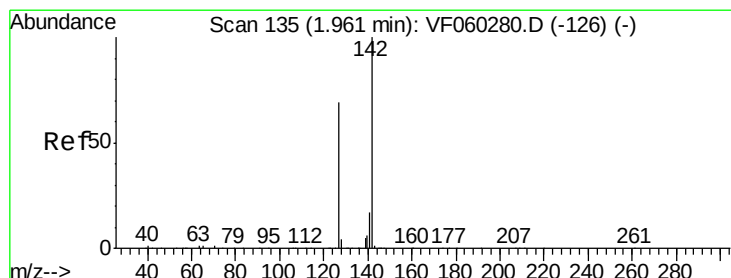
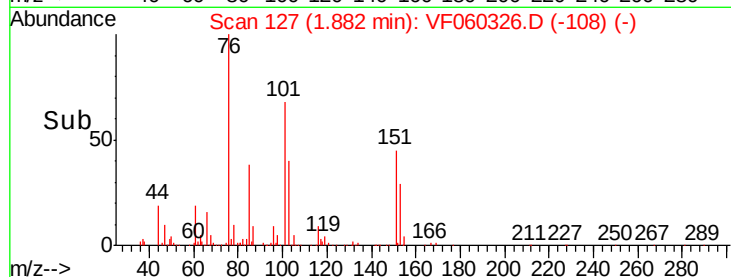
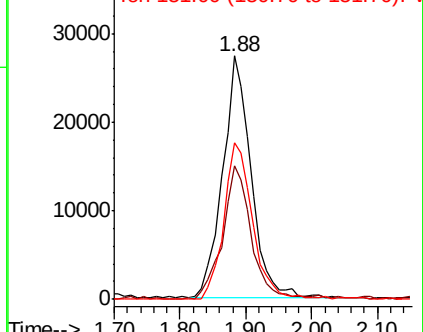
151 64.5 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 21.811 ug/l

RT: 1.96 min Scan# 135

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

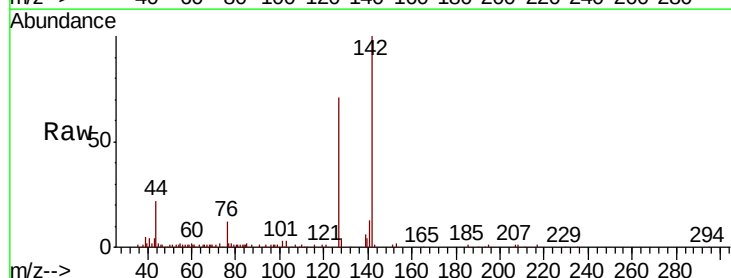
Tgt Ion:142 Resp: 126996

Ion Ratio Lower Upper

142 100

127 71.2 55.4 83.0

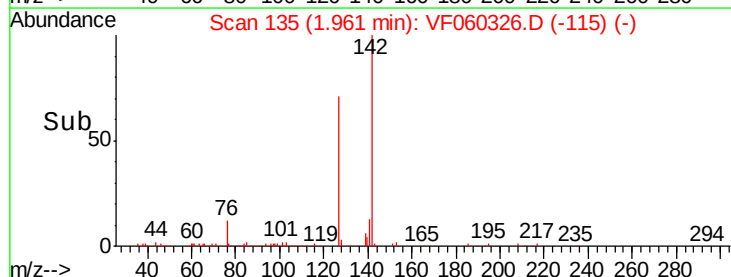
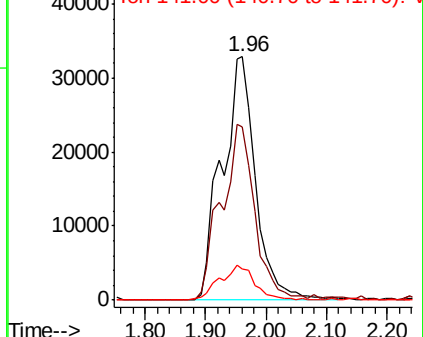
141 12.6 13.3 19.9#

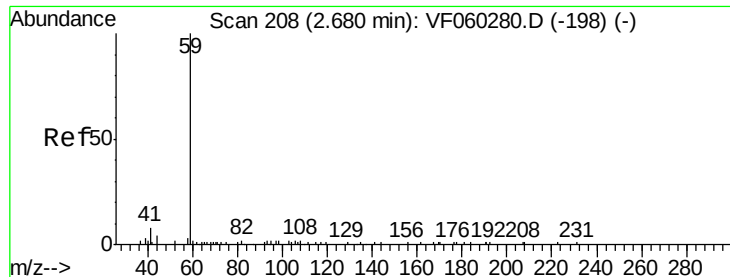


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



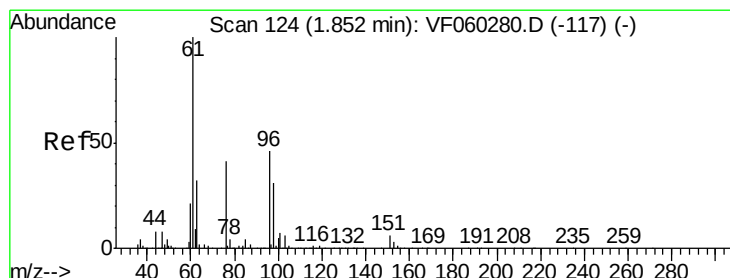
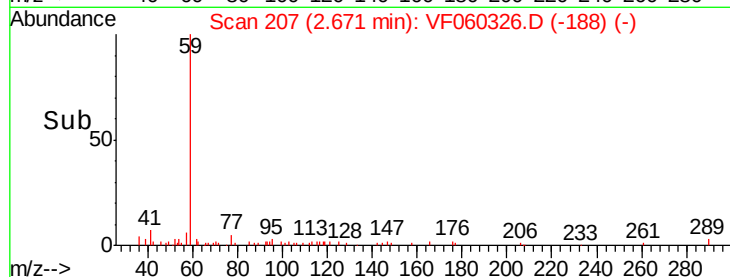
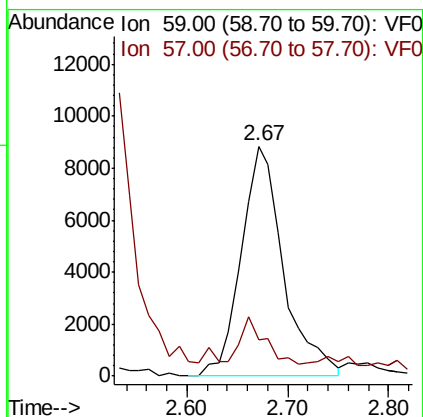
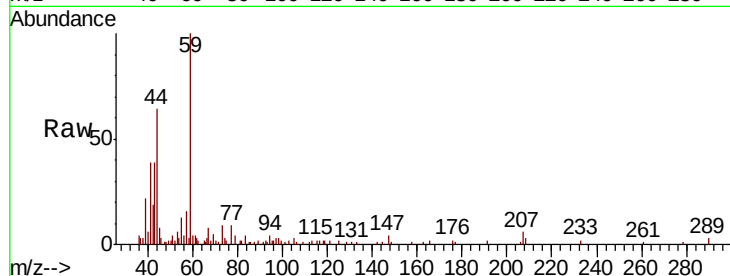


#11

Tert butyl alcohol
 Concen: 122.616 ug/l
 RT: 2.67 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

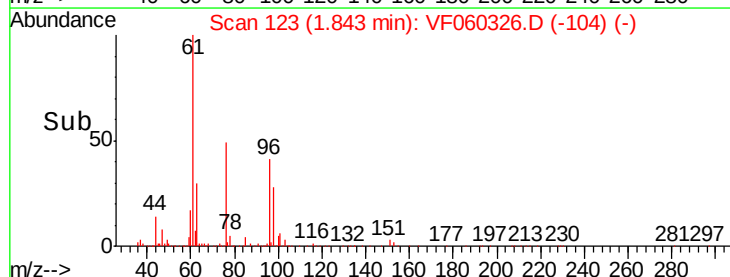
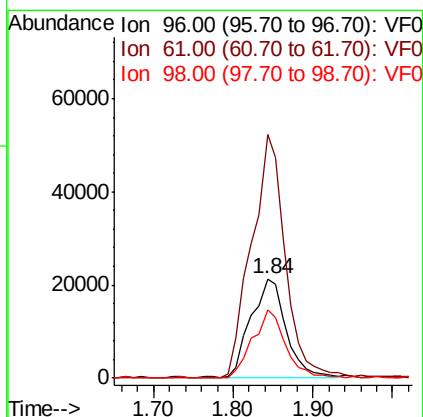
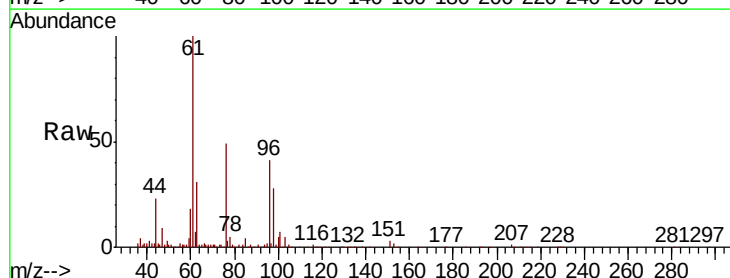
Tgt Ion: 59 Resp: 25858
 Ion Ratio Lower Upper
 59 100
 57 16.0 12.4 18.6

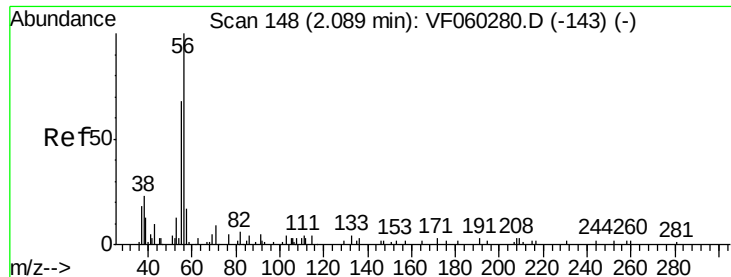


#12

1,1-Dichloroethene
 Concen: 22.045 ug/l
 RT: 1.84 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion: 96 Resp: 65827
 Ion Ratio Lower Upper
 96 100
 61 245.3 172.2 258.2
 98 70.8 54.1 81.1





#13

Acrolein

Concen: 99.376 ug/l

RT: 2.08 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

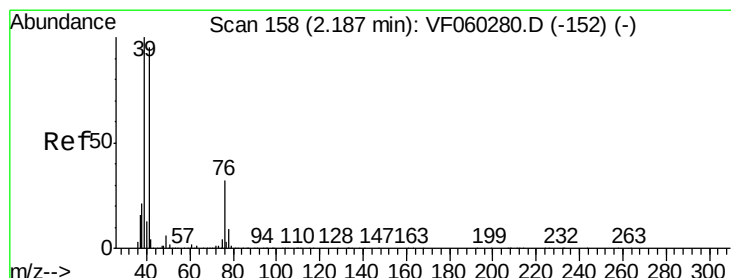
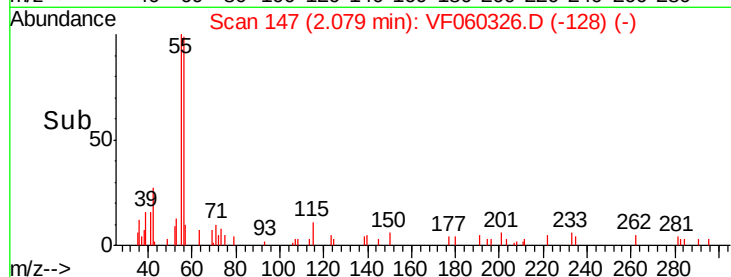
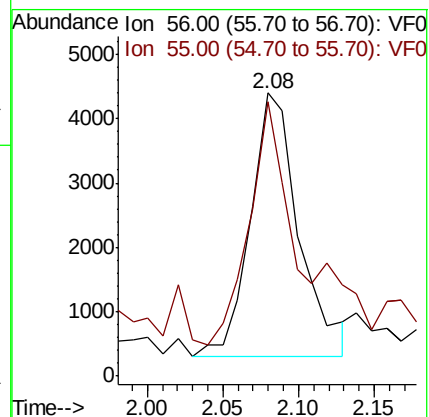
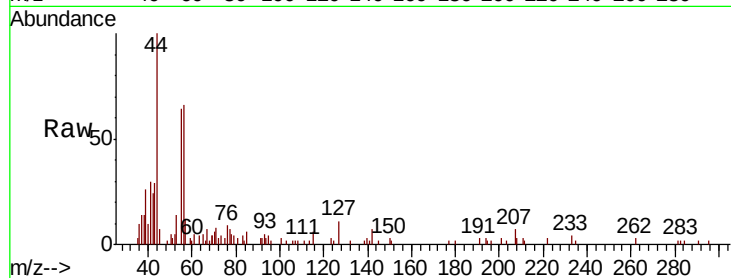
VF0925SBS01

Tgt Ion: 56 Resp: 9162

Ion Ratio Lower Upper

56 100

55 96.9 69.9 104.9



#14

Allyl chloride

Concen: 21.427 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

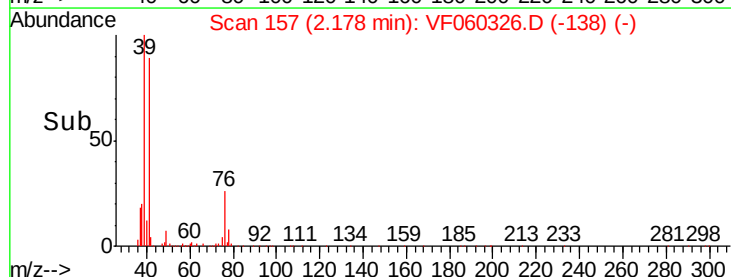
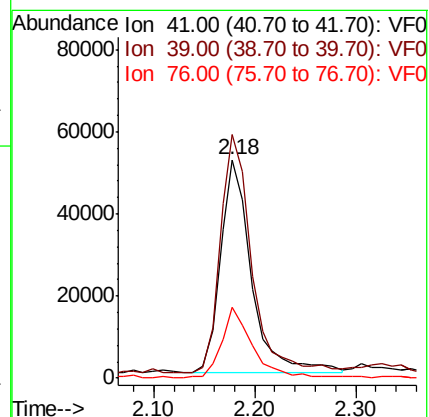
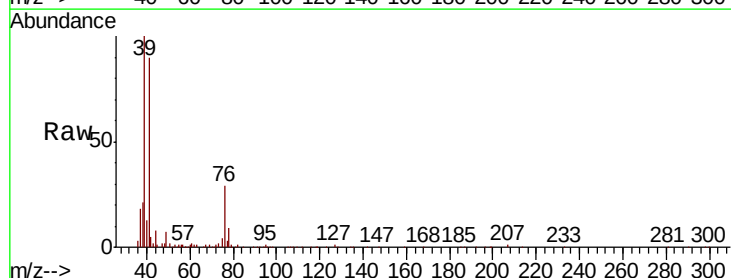
Tgt Ion: 41 Resp: 111650

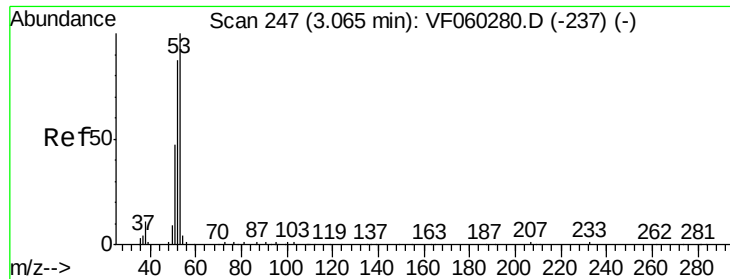
Ion Ratio Lower Upper

41 100

39 111.5 84.8 127.2

76 32.7 27.4 41.2





#15

Acrylonitrile

Concen: 105.215 ug/l

RT: 3.07 min Scan# 247

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

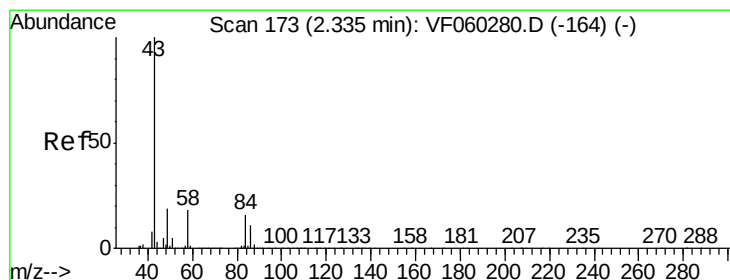
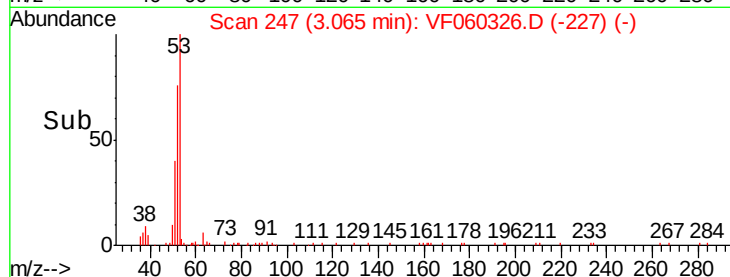
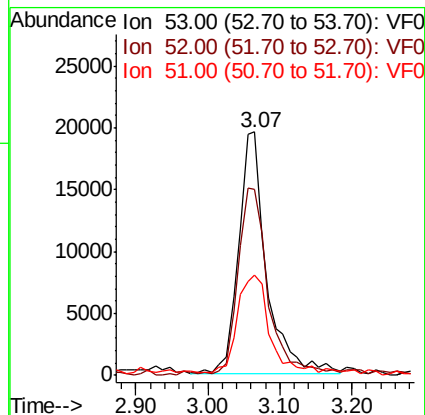
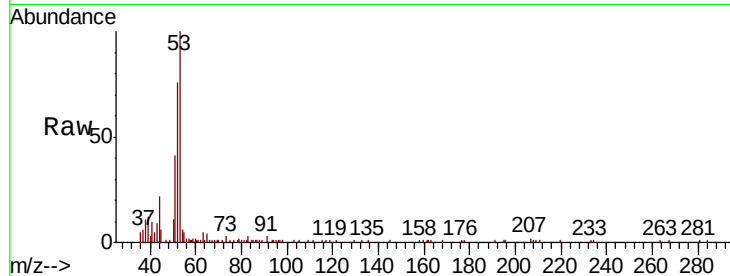
Tgt Ion: 53 Resp: 52504

Ion Ratio Lower Upper

53 100

52 76.3 69.5 104.3

51 41.2 38.1 57.1



#16

Acetone

Concen: 118.931 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060326.D

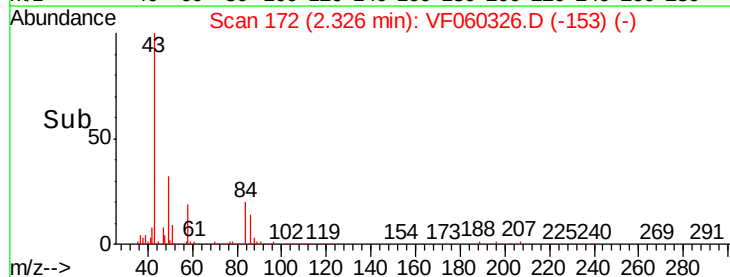
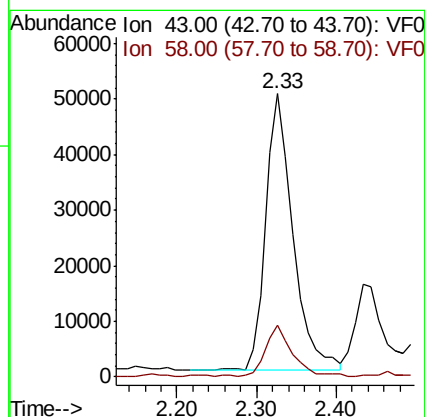
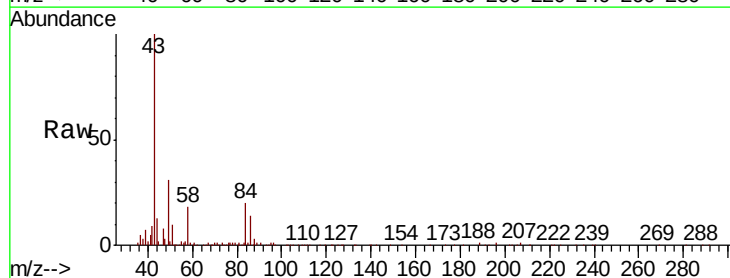
Acq: 25 Sep 2018 15:53

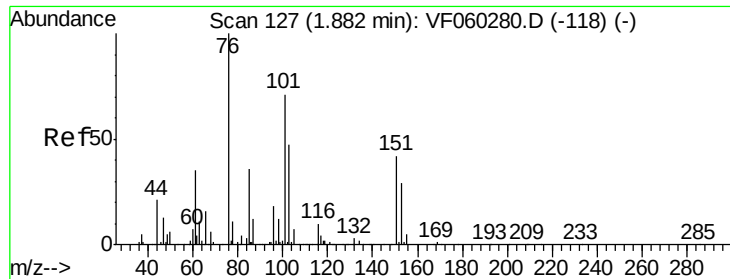
Tgt Ion: 43 Resp: 118341

Ion Ratio Lower Upper

43 100

58 18.4 14.5 21.7





#17

Carbon Disulfide

Concen: 23.085 ug/l

RT: 1.88 min Scan# 127

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

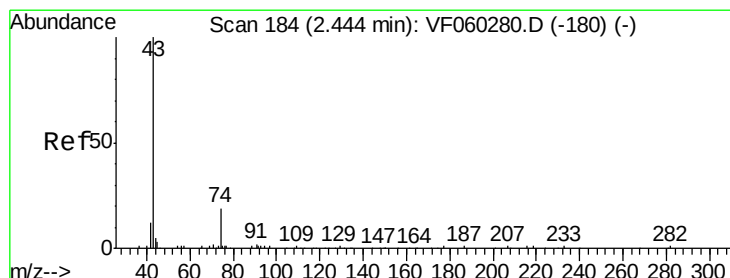
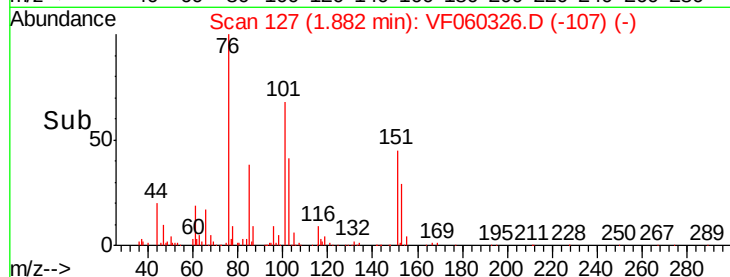
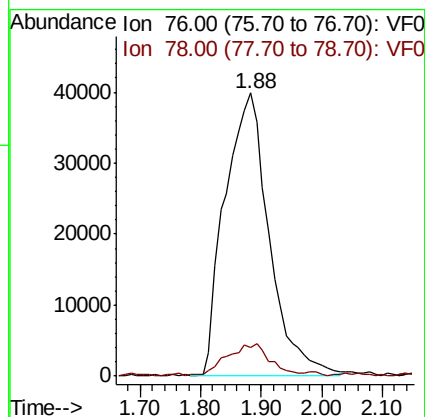
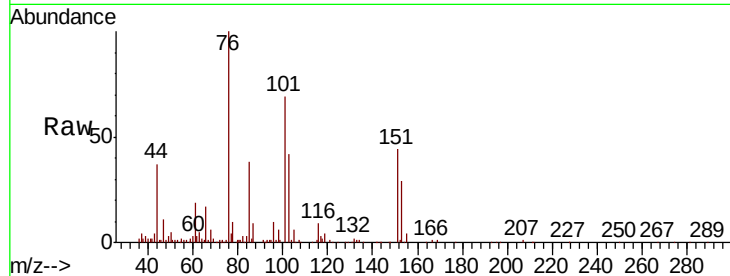
VF0925SBS01

Tgt Ion: 76 Resp: 201019

Ion Ratio Lower Upper

76 100

78 10.1 9.4 14.0



#18

Methyl Acetate

Concen: 21.457 ug/l

RT: 2.43 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF060326.D

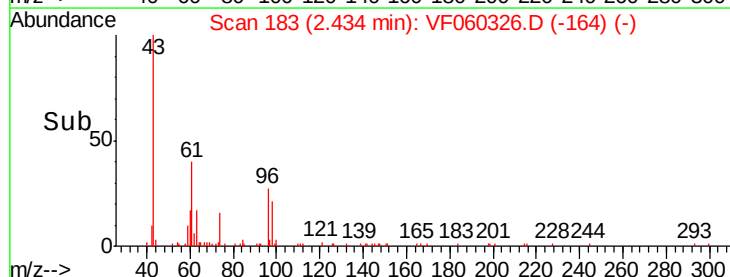
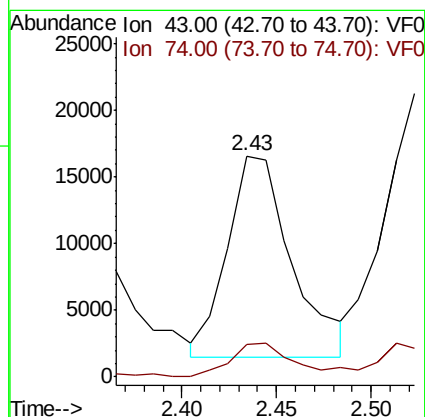
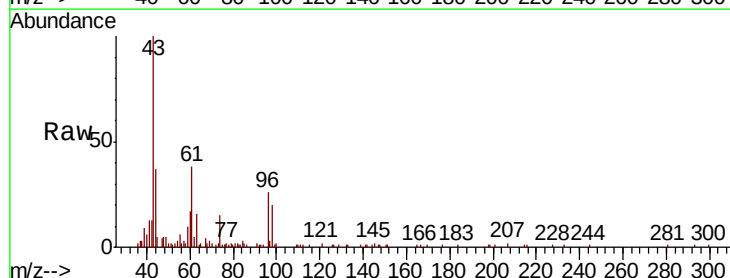
Acq: 25 Sep 2018 15:53

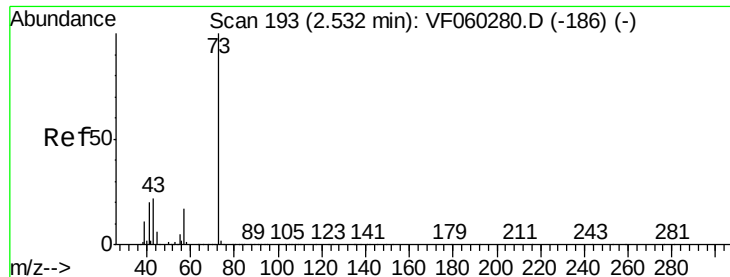
Tgt Ion: 43 Resp: 35568

Ion Ratio Lower Upper

43 100

74 14.9 12.7 19.1





#19

Methyl tert-butyl Ether

Concen: 23.787 ug/l

RT: 2.52 min Scan# 192

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

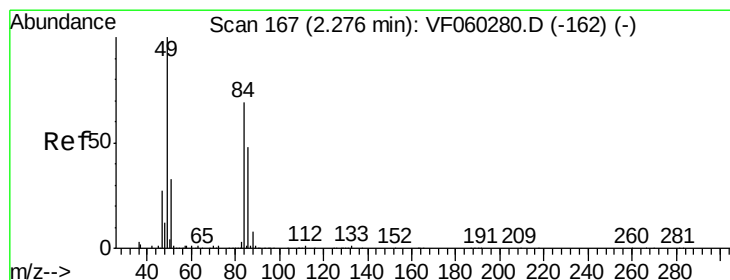
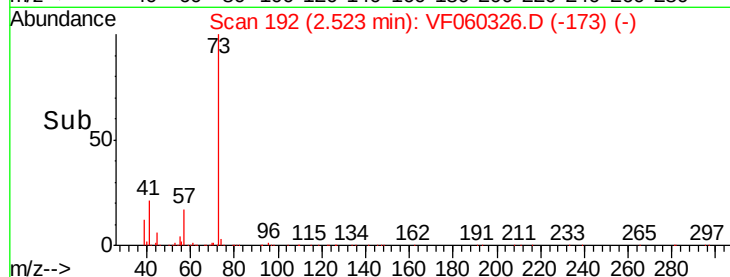
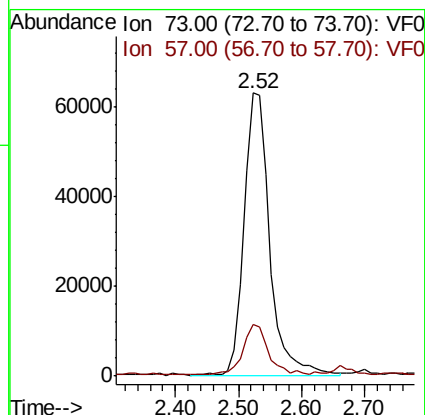
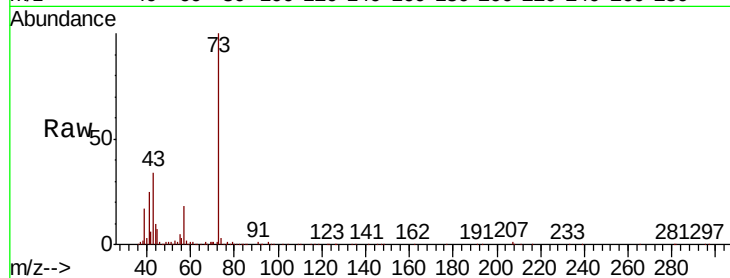
VF0925SBS01

Tgt Ion: 73 Resp: 177069

Ion Ratio Lower Upper

73 100

57 18.2 14.5 21.7



#20

Methylene Chloride

Concen: 8.757 ug/l

RT: 2.27 min Scan# 166

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Tgt Ion: 84 Resp: 40011

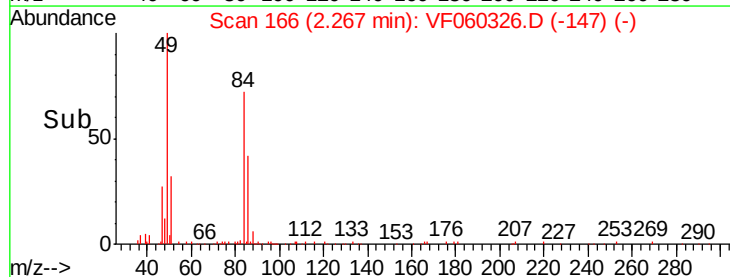
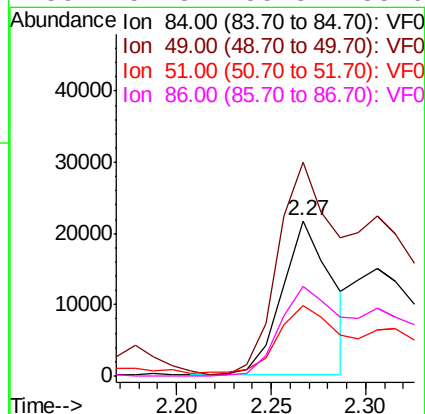
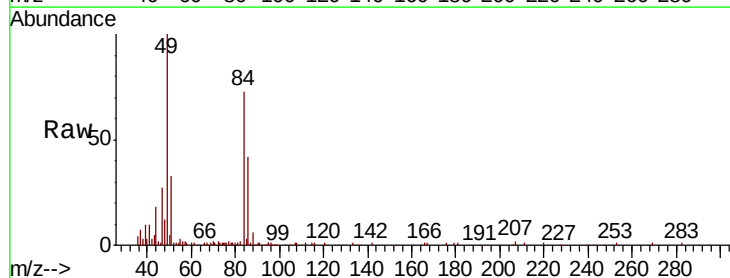
Ion Ratio Lower Upper

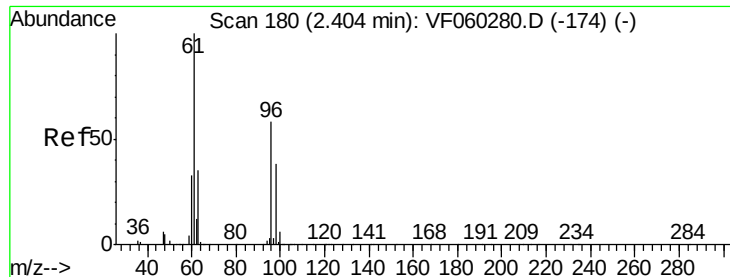
84 100

49 137.6 118.3 177.5

51 45.0 38.7 58.1

86 57.8 55.8 83.6





#21

trans-1,2-Dichloroethene

Concen: 21.240 ug/l

RT: 2.40 min Scan# 180

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

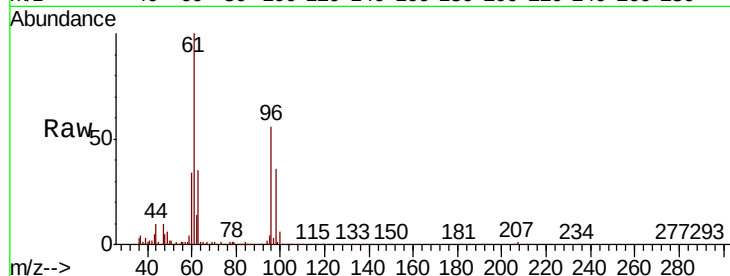
Tgt Ion: 96 Resp: 65505

Ion Ratio Lower Upper

96 100

61 177.1 136.4 204.6

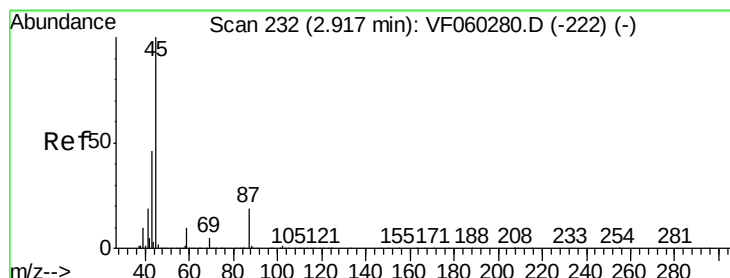
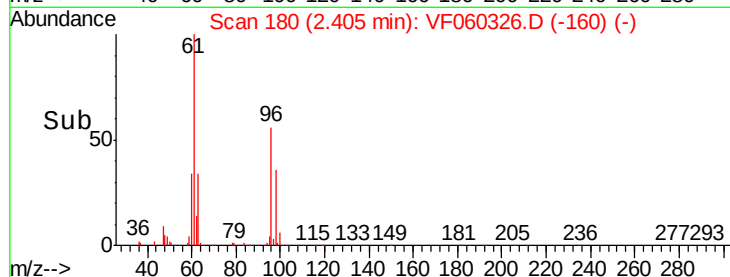
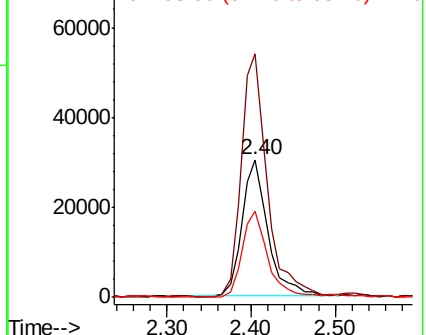
98 63.1 51.8 77.6



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



#22

Diisopropyl ether

Concen: 22.023 ug/l

RT: 2.92 min Scan# 232

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Tgt Ion: 45 Resp: 216518

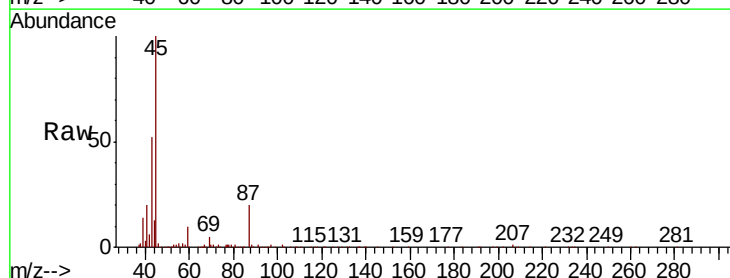
Ion Ratio Lower Upper

45 100

43 52.1 38.2 57.2

87 19.6 15.5 23.3

59 9.9 7.7 11.5

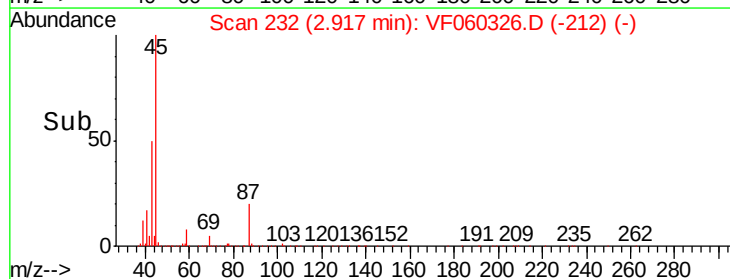
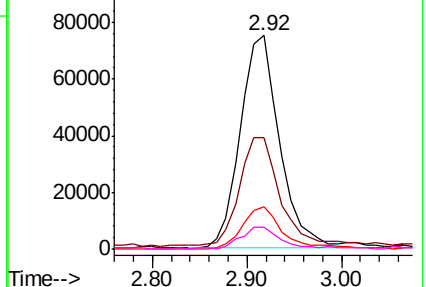


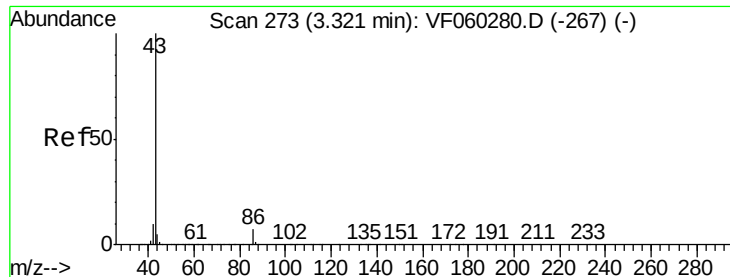
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 111.591 ug/l

RT: 3.32 min Scan# 273

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

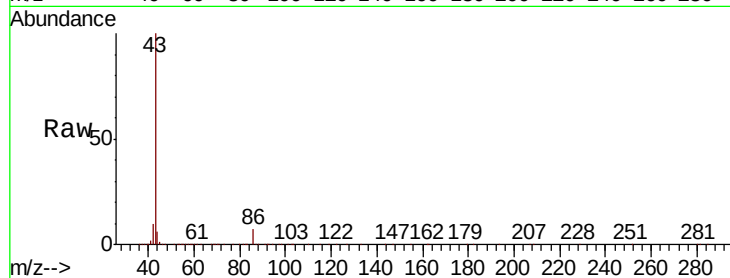
VF0925SBS01

Tgt Ion: 43 Resp: 430886

Ion Ratio Lower Upper

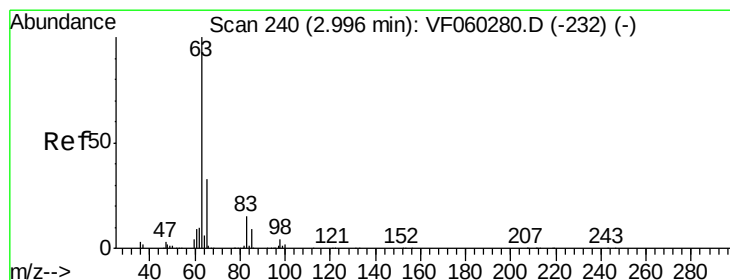
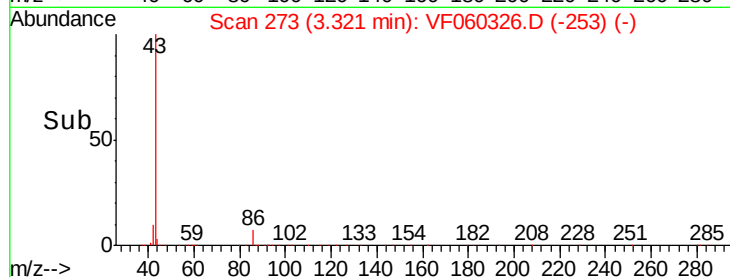
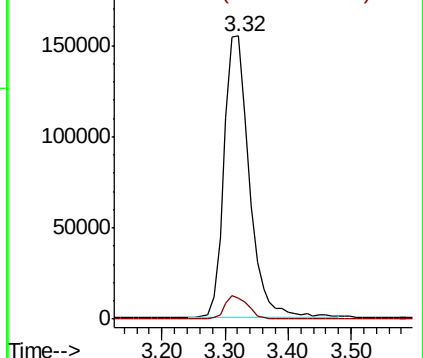
43 100

86 7.5 5.9 8.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 22.734 ug/l

RT: 2.99 min Scan# 239

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

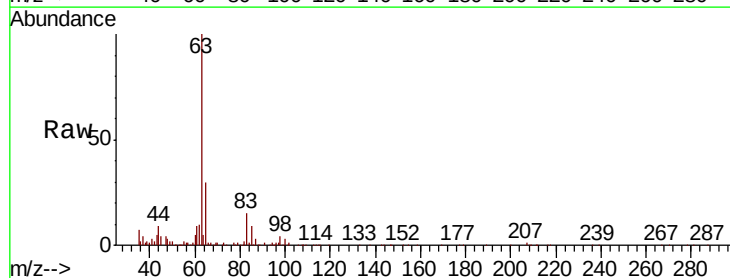
Tgt Ion: 63 Resp: 144952

Ion Ratio Lower Upper

63 100

98 3.9 2.1 6.5

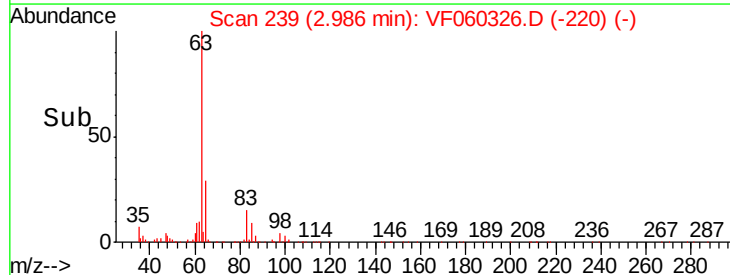
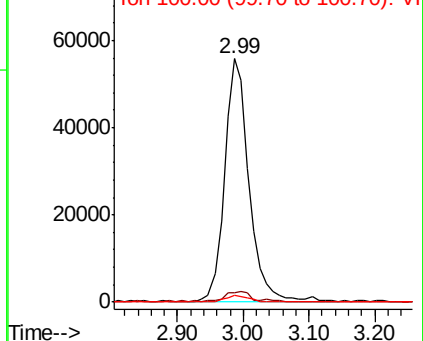
100 2.7 1.1 3.3

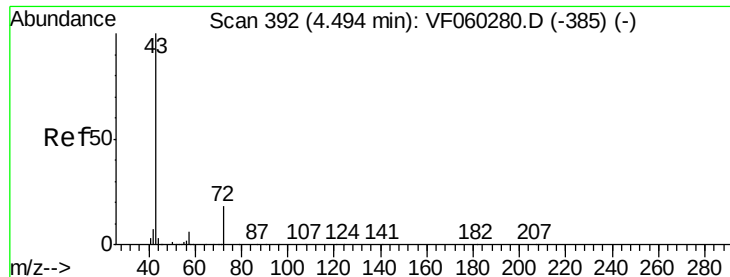


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 99.574 ug/l

RT: 4.49 min Scan# 392

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

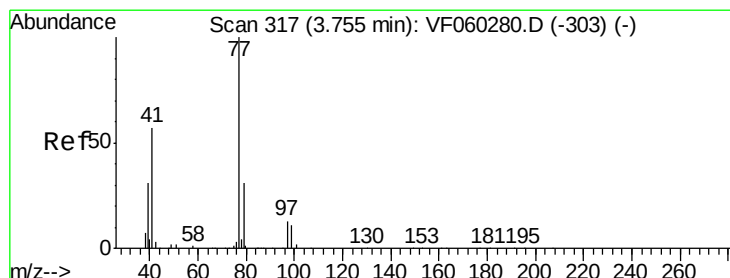
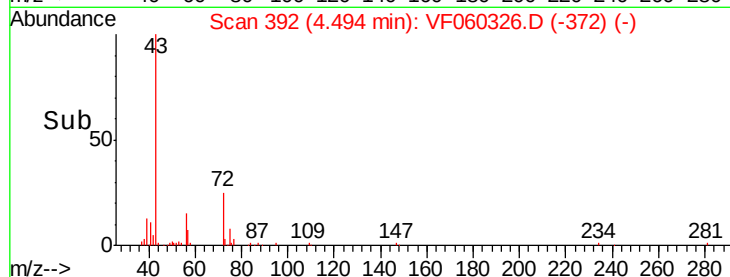
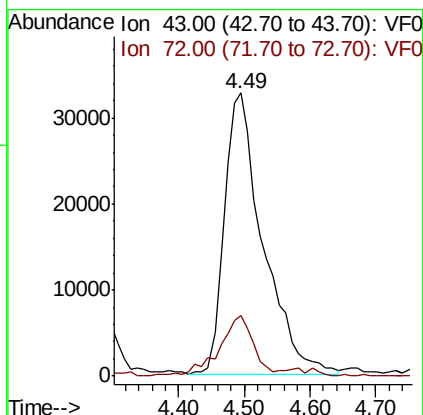
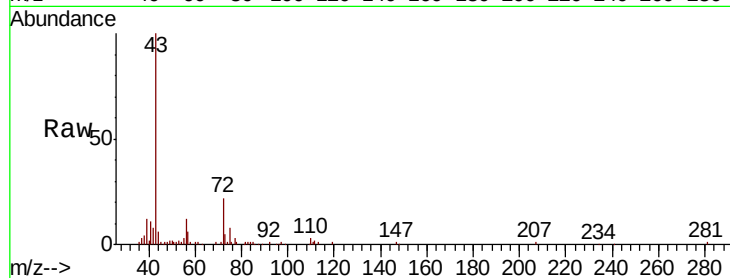
VF0925SBS01

Tgt Ion: 43 Resp: 133361

Ion Ratio Lower Upper

43 100

72 21.5 16.2 24.2



#26

2,2-Dichloropropane

Concen: 20.735 ug/l

RT: 3.75 min Scan# 316

Delta R.T. -0.01 min

Lab File: VF060326.D

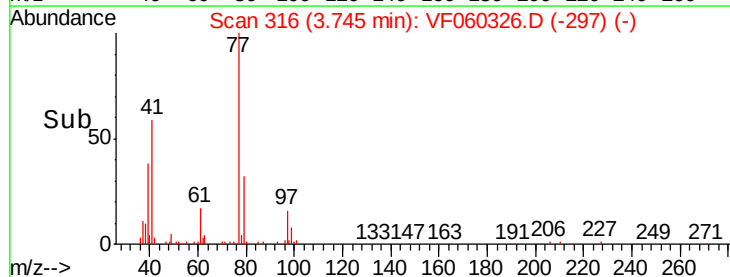
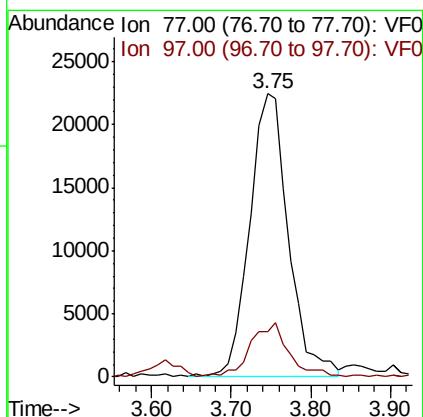
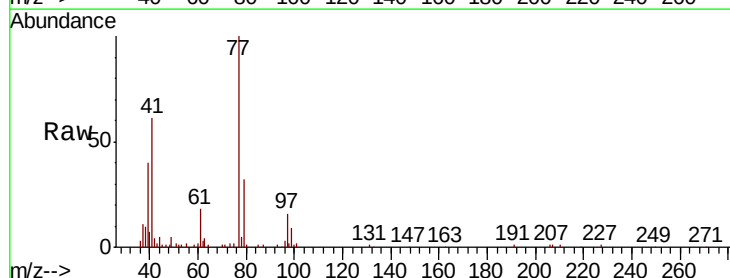
Acq: 25 Sep 2018 15:53

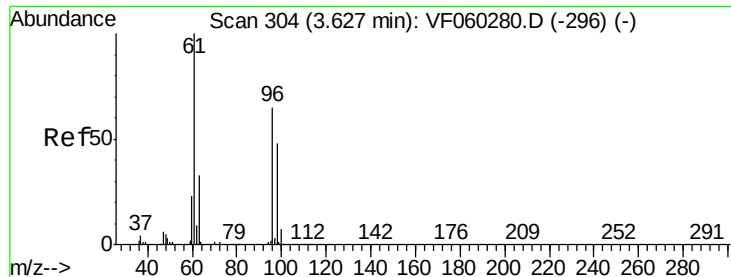
Tgt Ion: 77 Resp: 75436

Ion Ratio Lower Upper

77 100

97 16.0 9.3 27.9



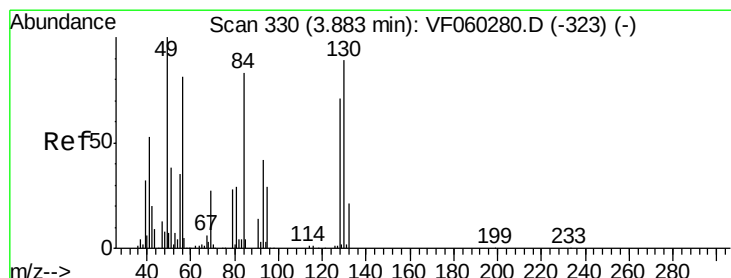
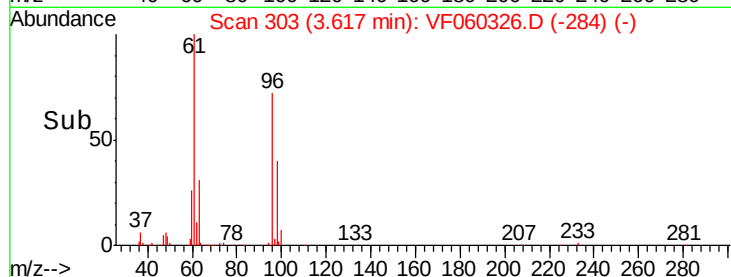
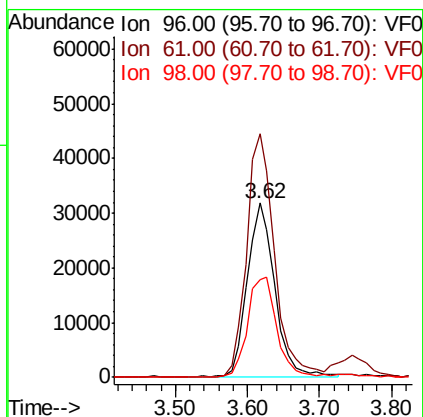
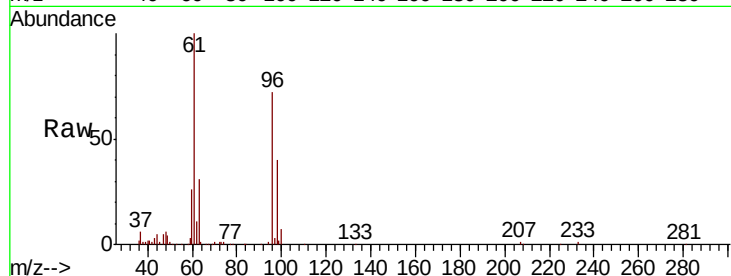


#27

cis-1,2-Dichloroethene
 Concen: 21.143 ug/l
 RT: 3.62 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

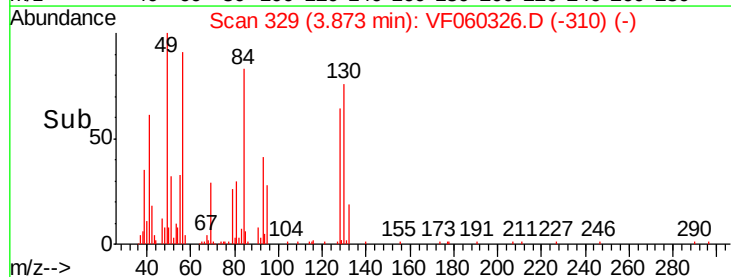
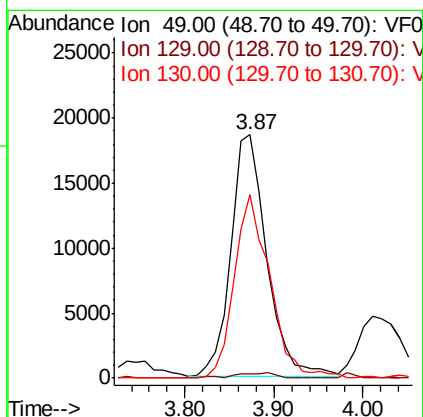
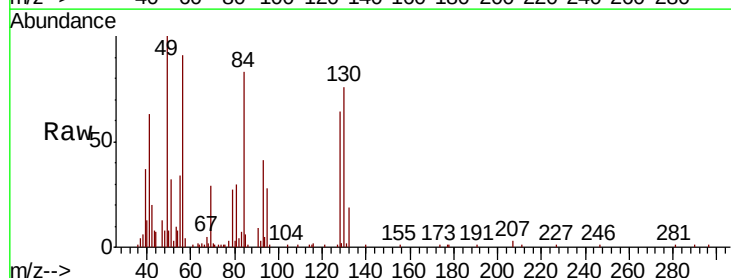
Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	304.8
98	55.7	0.0	146.4

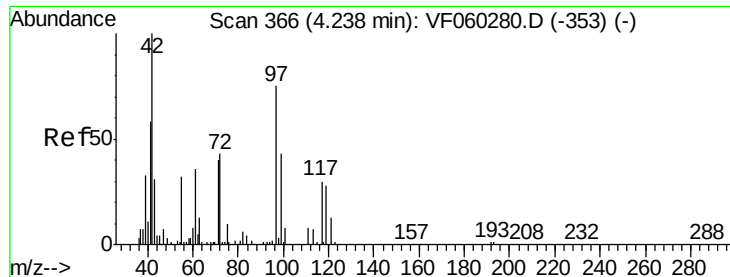


#28

Bromochloromethane
 Concen: 20.856 ug/l
 RT: 3.87 min Scan# 329
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	75.5	70.3	105.5

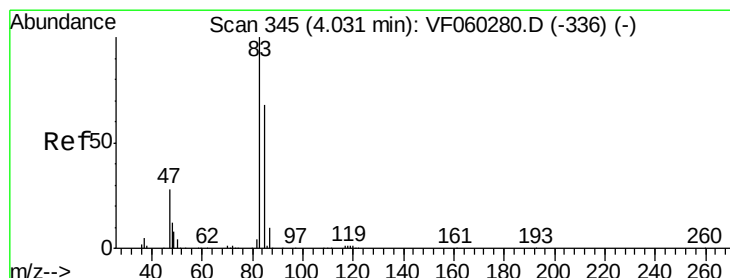
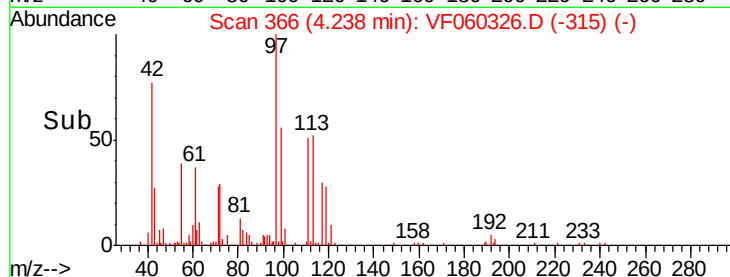
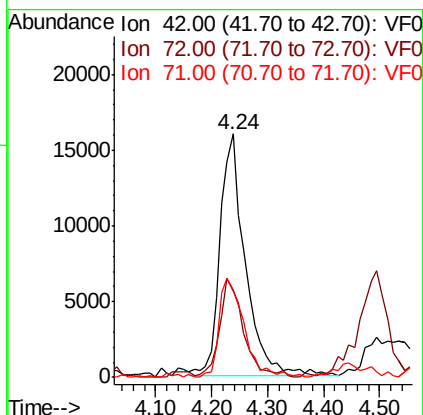
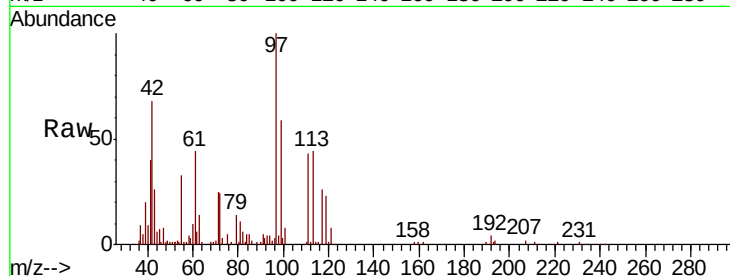




#29
Tetrahydrofuran
Concen: 102.711 ug/l
RT: 4.24 min Scan# 366
Delta R.T. 0.00 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

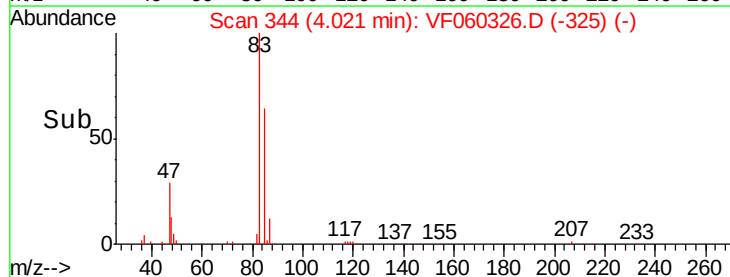
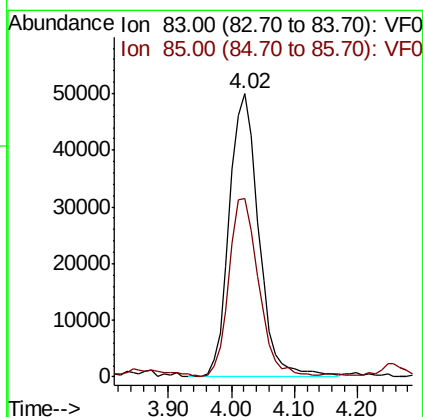
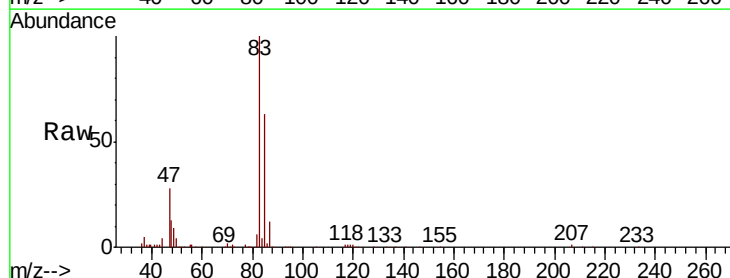
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

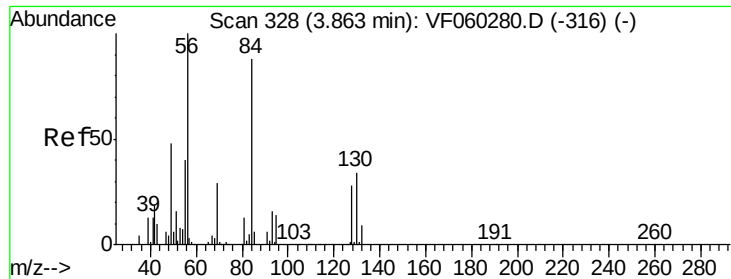
Tgt Ion: 42 Resp: 50376
Ion Ratio Lower Upper
42 100
72 38.5 32.6 49.0
71 40.6 32.7 49.1



#30
Chloroform
Concen: 20.683 ug/l
RT: 4.02 min Scan# 344
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion: 83 Resp: 159121
Ion Ratio Lower Upper
83 100
85 63.0 54.9 82.3

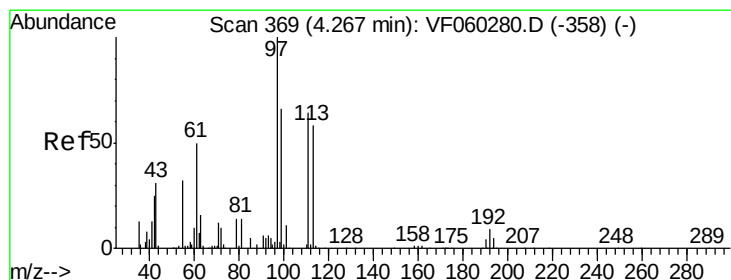
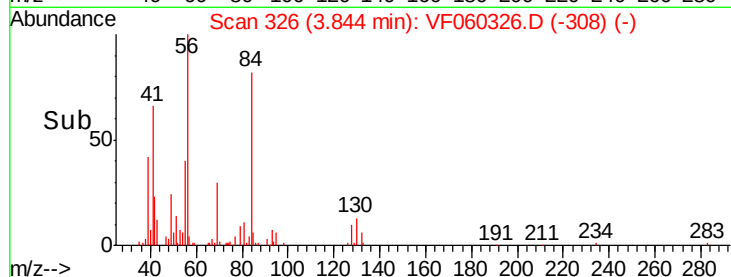
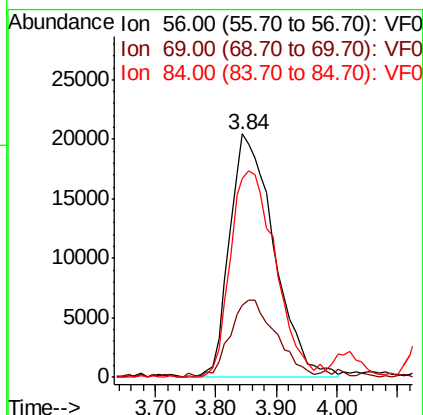
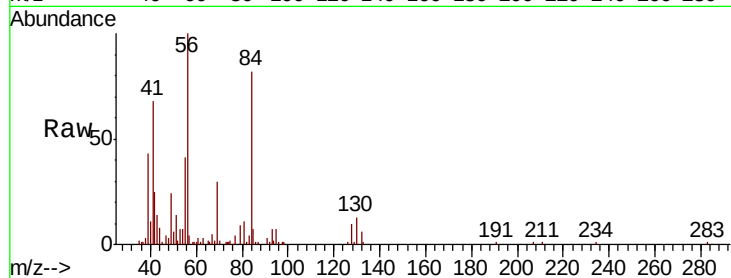




#31
Cyclohexane
Concen: 19.325 ug/l
RT: 3.84 min Scan# 326
Delta R.T. -0.02 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

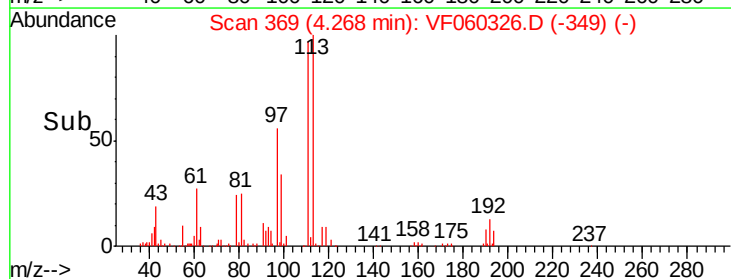
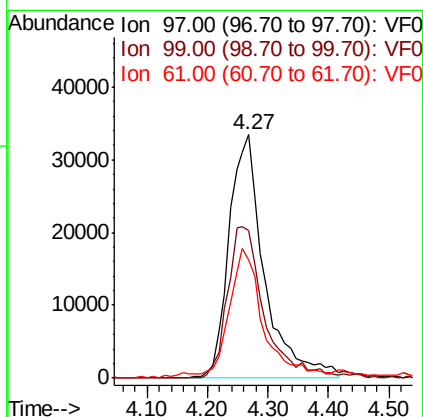
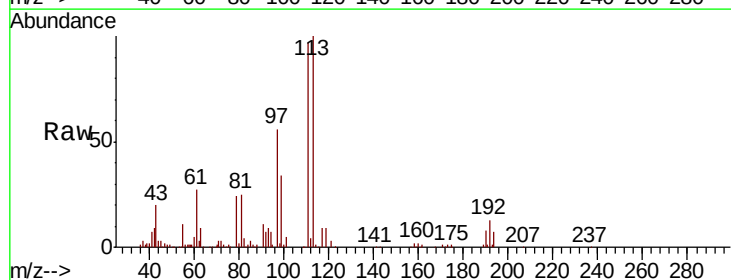
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

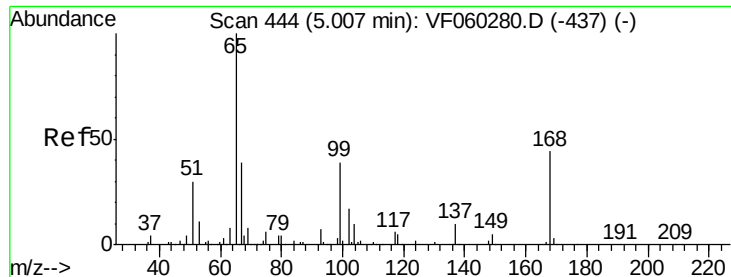
Tgt Ion: 56 Resp: 104079
Ion Ratio Lower Upper
56 100
69 29.6 23.8 35.6
84 81.5 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 22.298 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.00 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion: 97 Resp: 135357
Ion Ratio Lower Upper
97 100
99 60.9 53.0 79.4
61 48.8 40.6 61.0

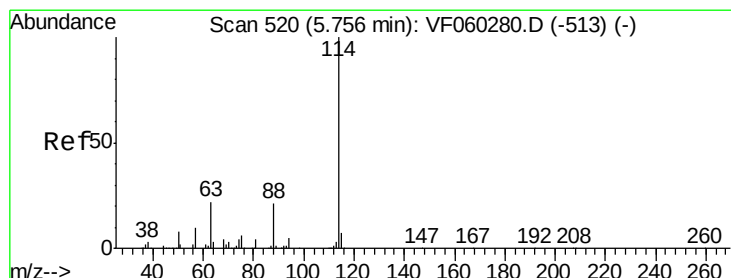
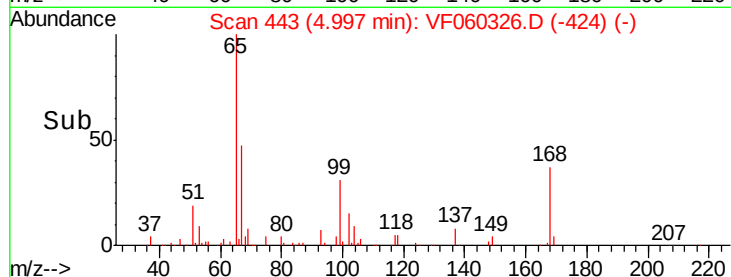
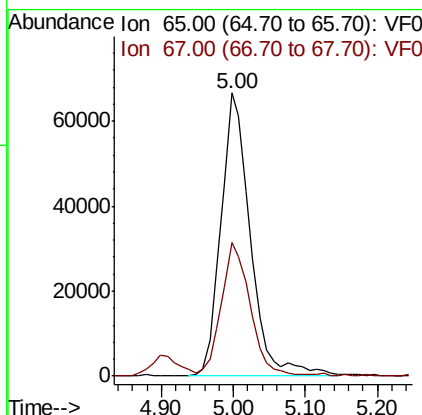
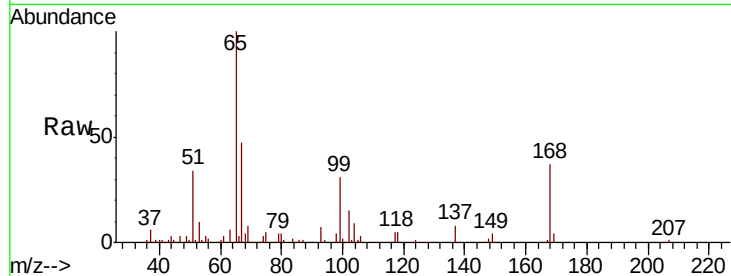




#33
 1,2-Dichloroethane-d4
 Concen: 53.364 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

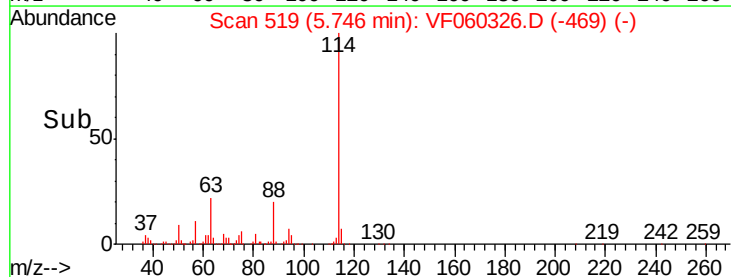
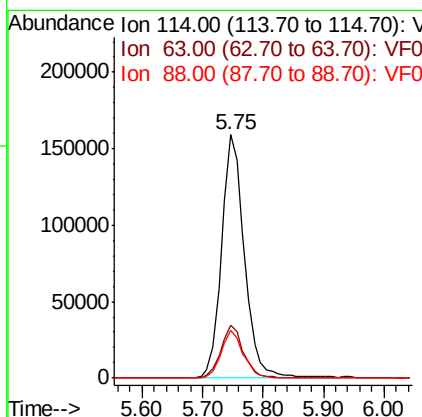
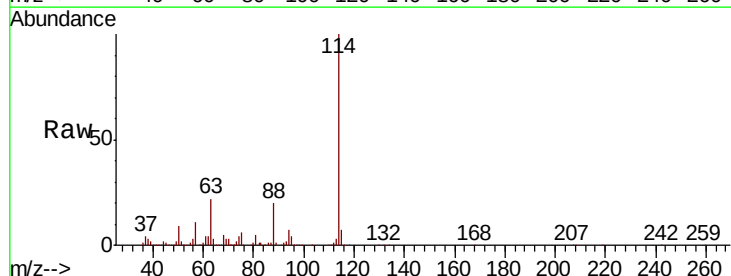
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

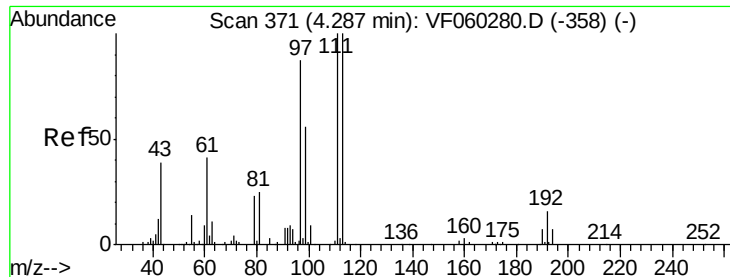
Tgt Ion: 65 Resp: 188547
 Ion Ratio Lower Upper
 65 100
 67 47.4 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion: 114 Resp: 416888
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.8
 88 19.8 0.0 41.2

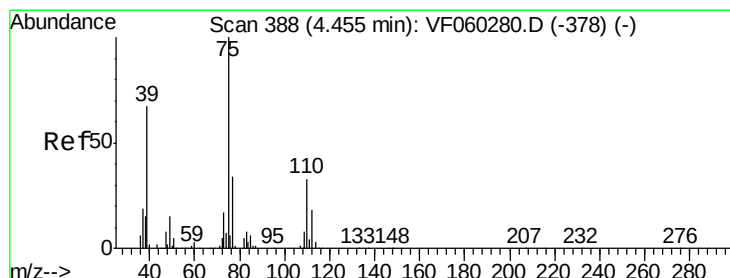
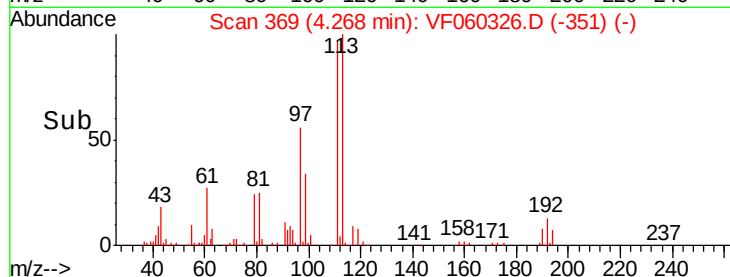
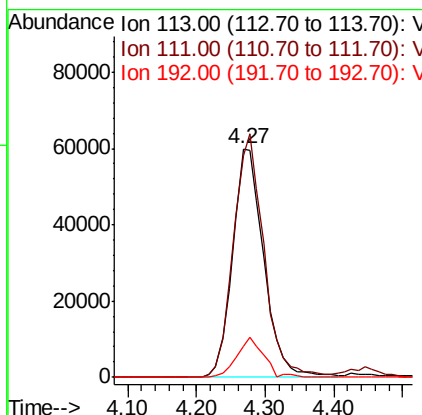
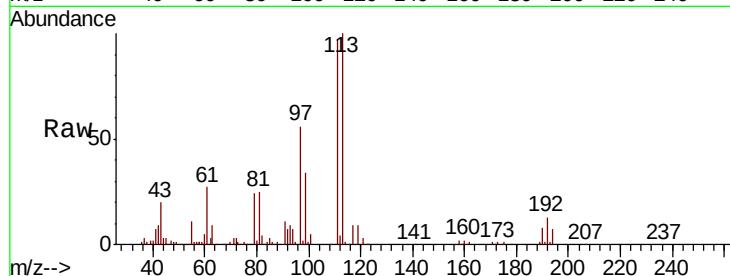




#35
 Dibromofluoromethane
 Concen: 50.621 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. -0.02 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

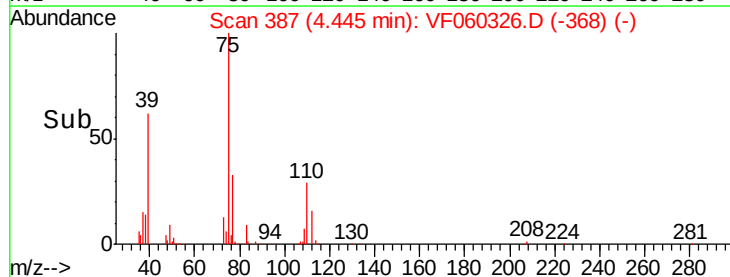
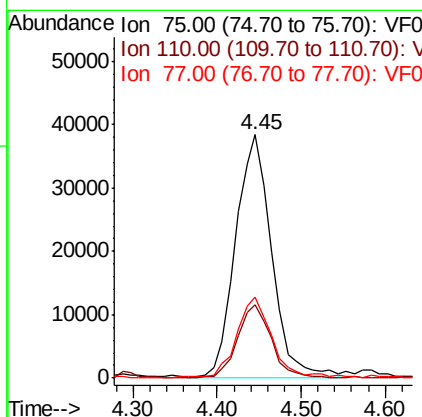
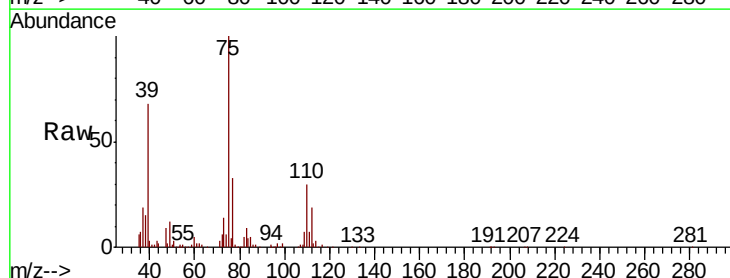
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

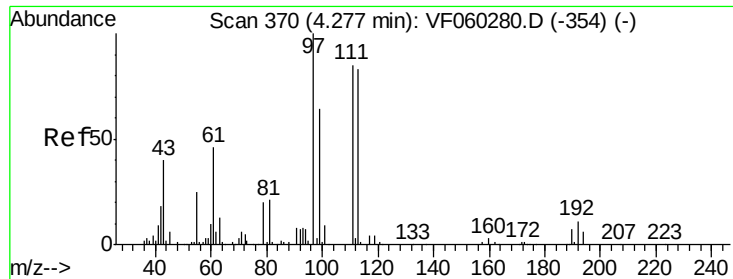
Tgt Ion	Ratio	Lower	Upper
113	100		
111	96.9	79.6	119.4
192	13.4	13.0	19.6



#36
 1,1-Dichloropropene
 Concen: 21.951 ug/l
 RT: 4.45 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.3	16.4	49.2
77	33.5	27.3	40.9

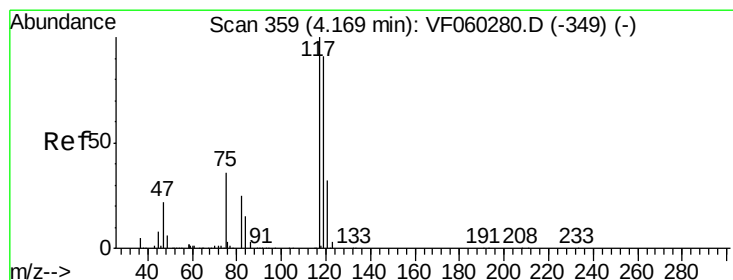
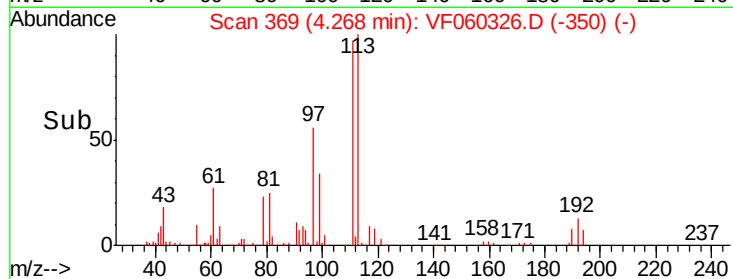
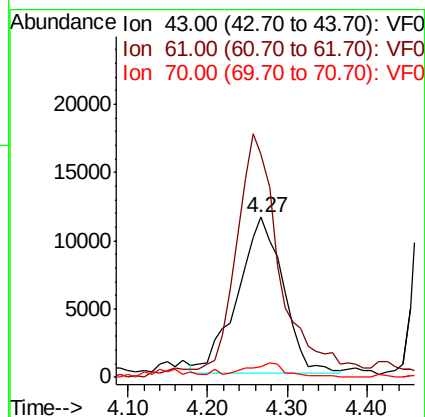
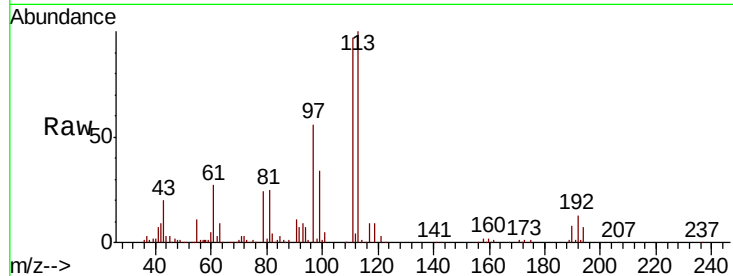




#37
Ethyl Acetate
Concen: 20.724 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

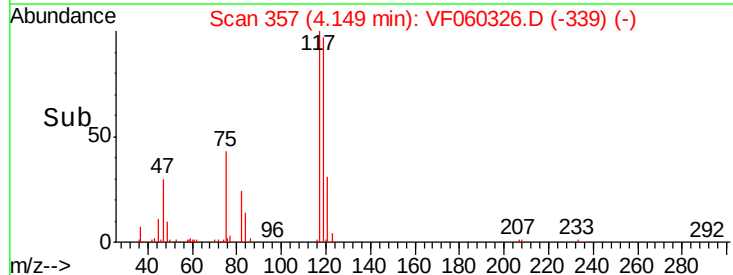
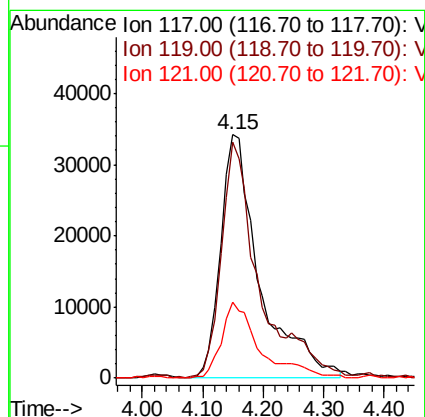
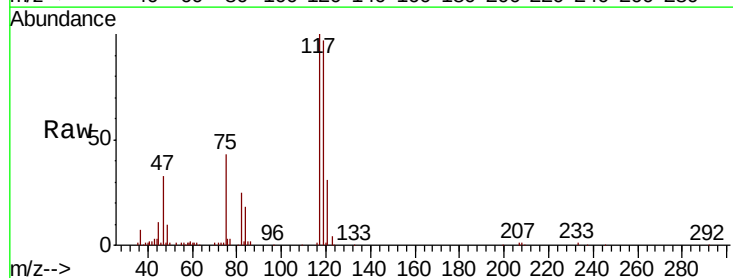
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

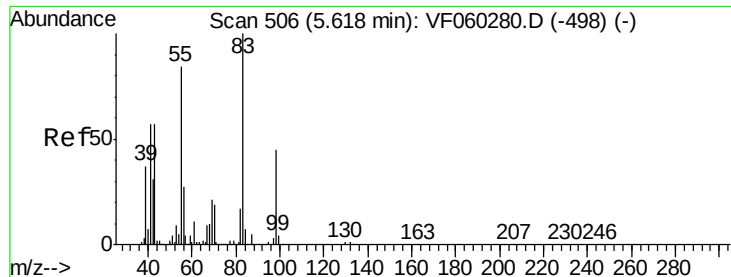
Tgt Ion: 43 Resp: 45599
Ion Ratio Lower Upper
43 100
61 139.3 91.1 136.7#
70 6.6 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 27.695 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.02 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion: 117 Resp: 154688
Ion Ratio Lower Upper
117 100
119 96.8 73.0 109.6
121 31.0 25.4 38.2

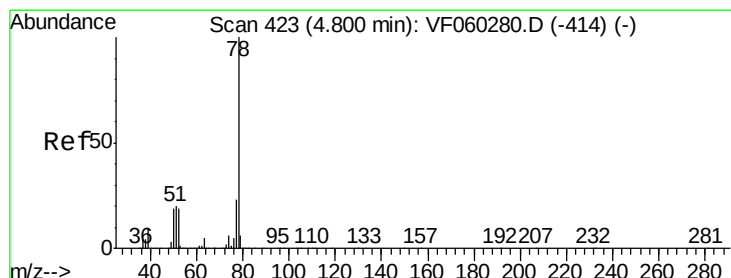
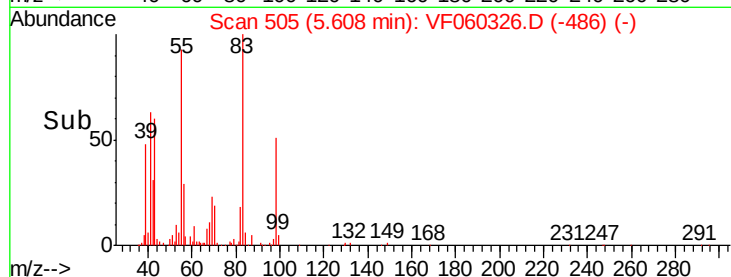
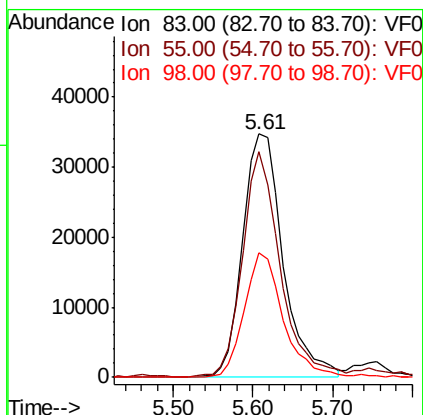
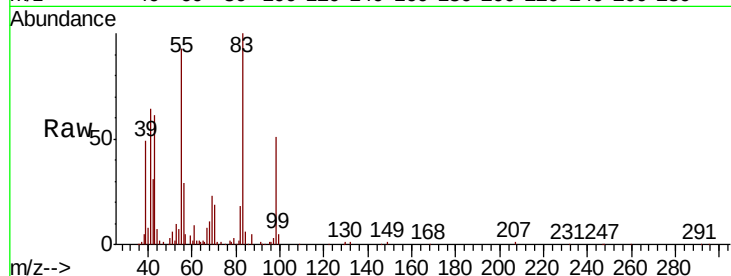




#39
Methylcyclohexane
Concen: 21.645 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

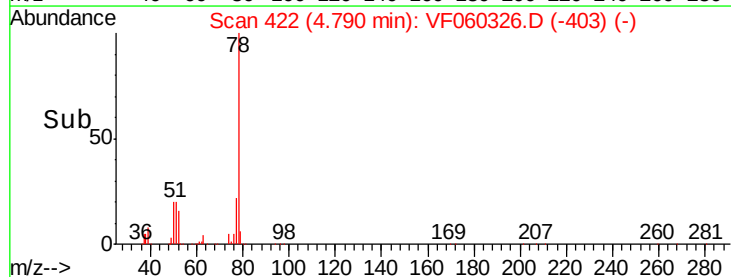
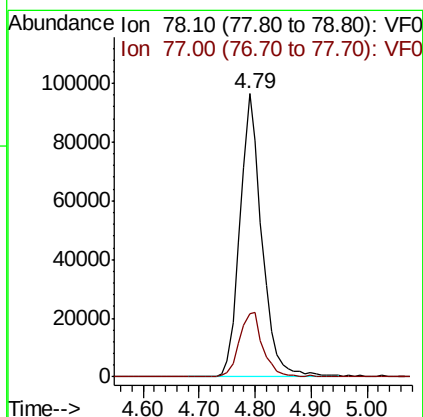
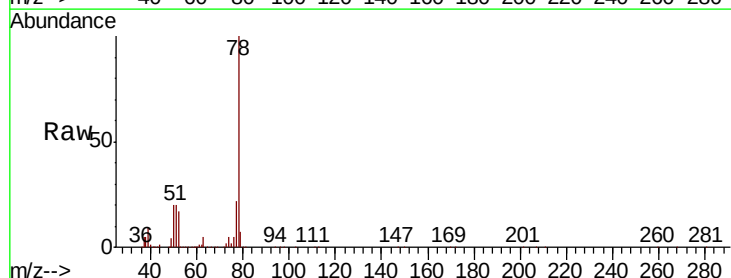
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

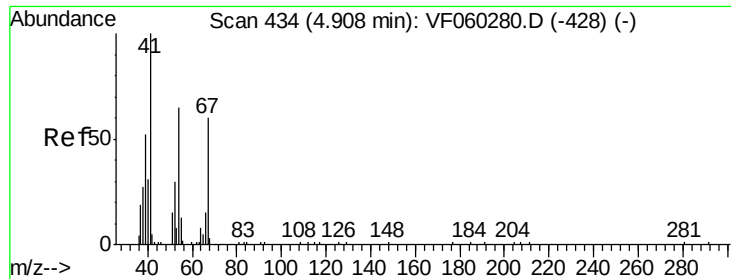
Tgt Ion	Ratio	Lower	Upper
83	100		
55	92.6	67.3	100.9
98	51.2	36.1	54.1



#40
Benzene
Concen: 22.222 ug/l
RT: 4.79 min Scan# 422
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.4	27.6





#41

Methacrylonitrile

Concen: 22.828 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

Tgt Ion: 41 Resp: 27255

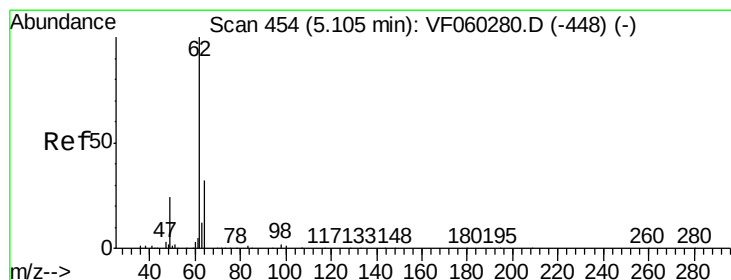
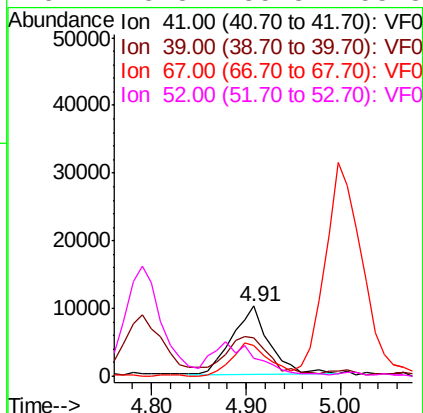
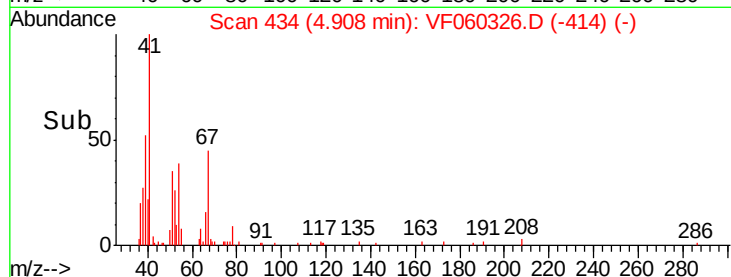
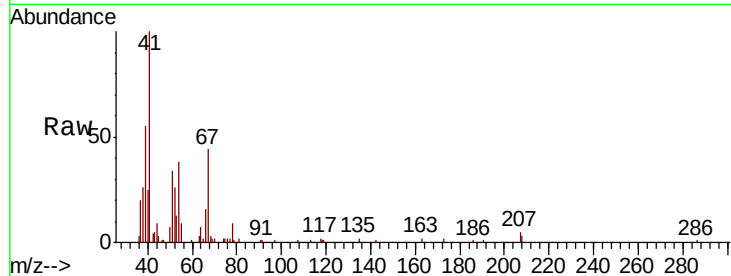
Ion Ratio Lower Upper

41 100

39 54.5 49.1 73.7

67 44.5 48.2 72.4#

52 25.8 35.8 53.8#



#42

1,2-Dichloroethane

Concen: 23.180 ug/l

RT: 5.10 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF060326.D

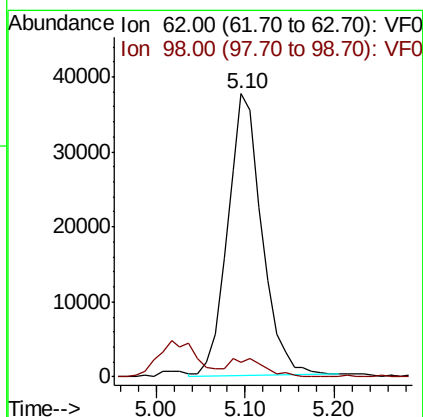
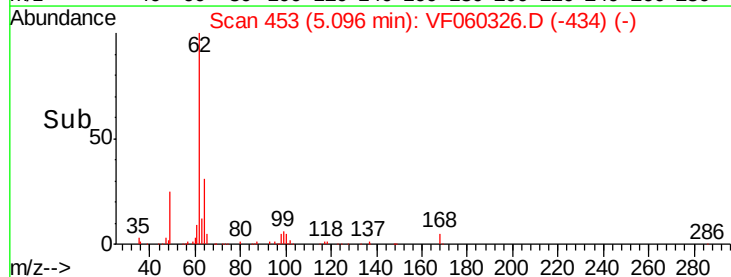
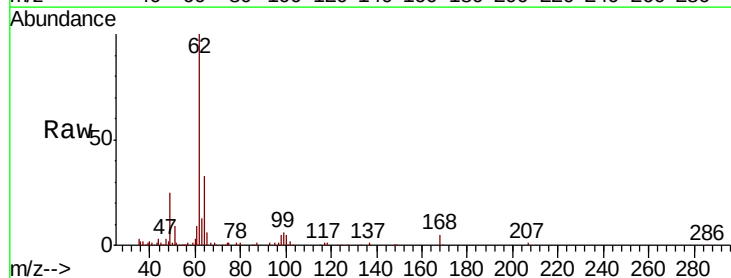
Acq: 25 Sep 2018 15:53

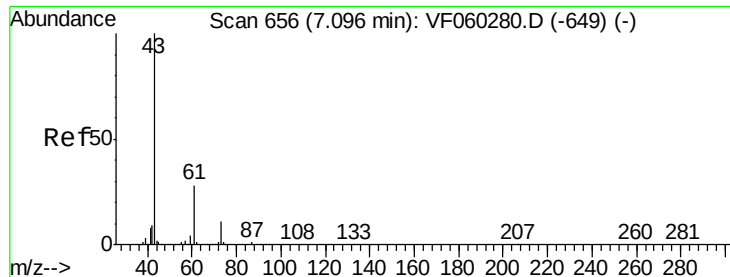
Tgt Ion: 62 Resp: 100600

Ion Ratio Lower Upper

62 100

98 5.0 0.0 14.4





#43

Isopropyl Acetate

Concen: 21.130 ug/l

RT: 7.10 min Scan# 656

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

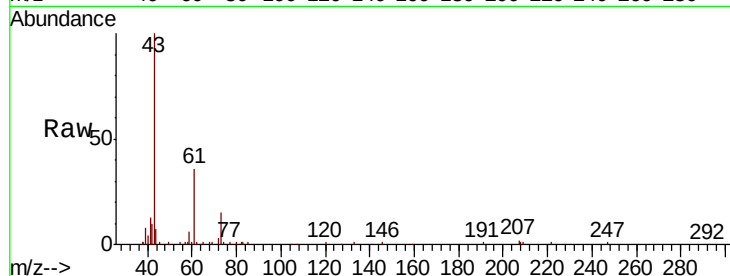
Tgt Ion: 43 Resp: 55970

Ion Ratio Lower Upper

43 100

61 35.6 22.4 33.6#

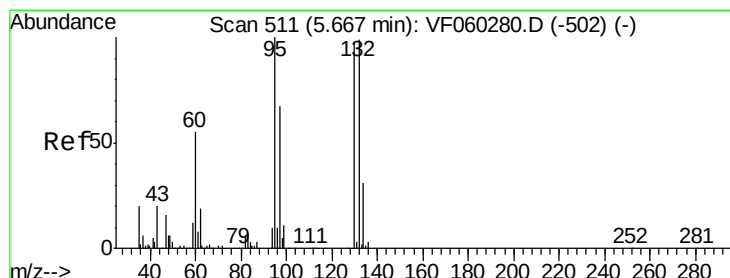
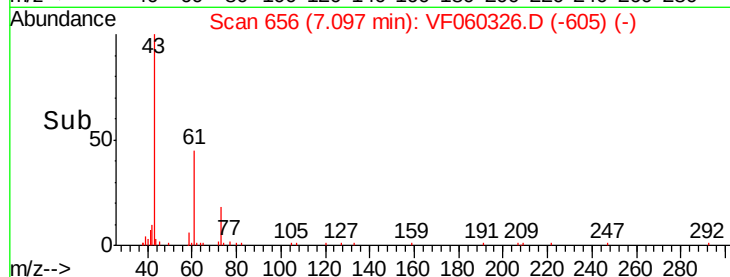
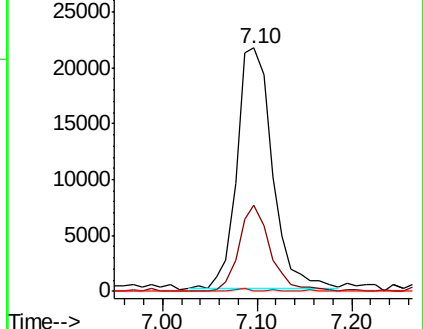
87 0.0 0.6 0.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 21.570 ug/l

RT: 5.66 min Scan# 510

Delta R.T. -0.01 min

Lab File: VF060326.D

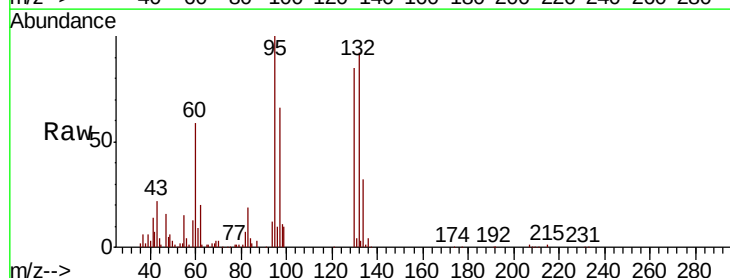
Acq: 25 Sep 2018 15:53

Tgt Ion: 130 Resp: 75693

Ion Ratio Lower Upper

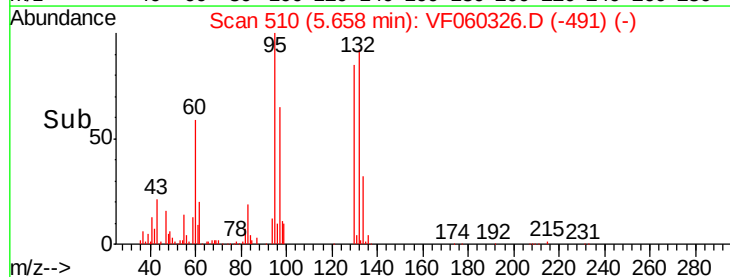
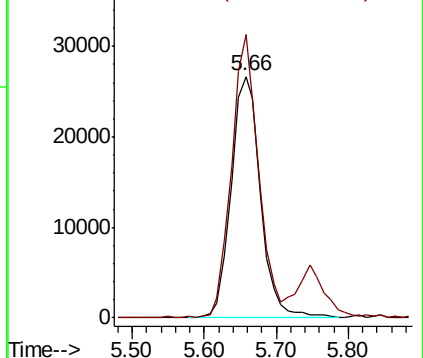
130 100

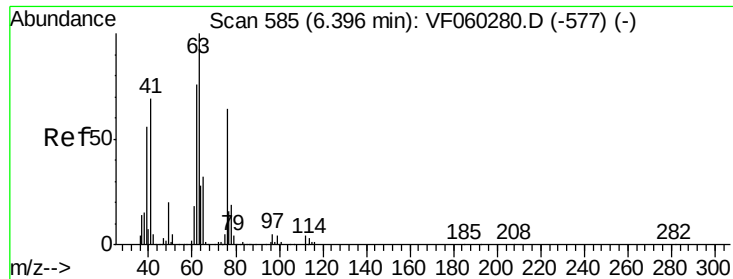
95 117.3 0.0 205.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

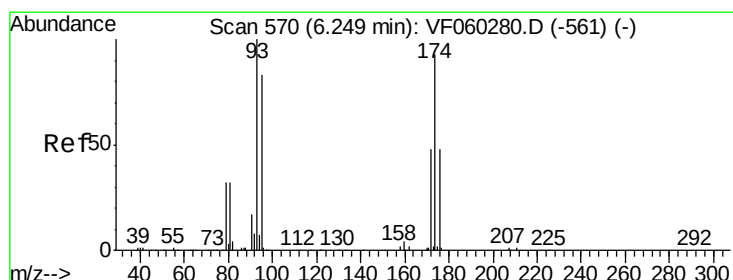
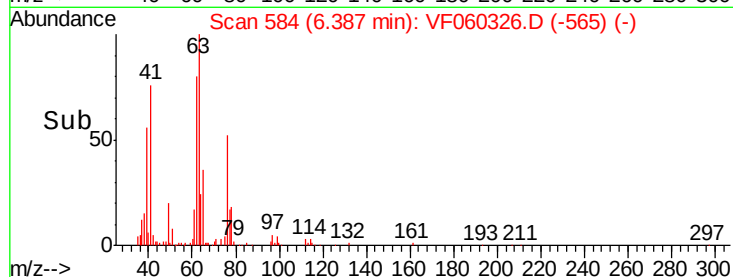
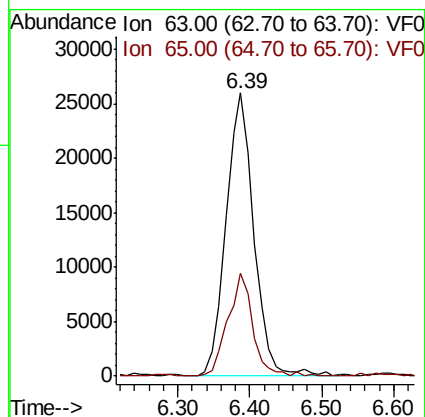
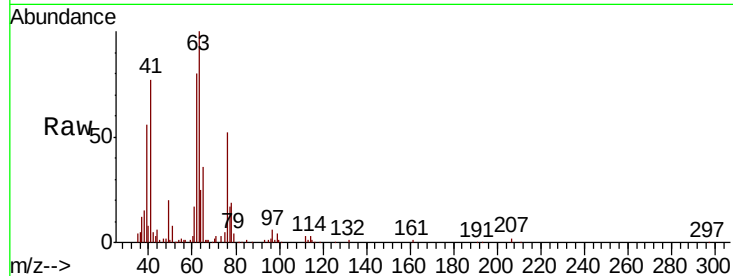




#45
 1,2-Dichloropropane
 Concen: 22.693 ug/l
 RT: 6.39 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

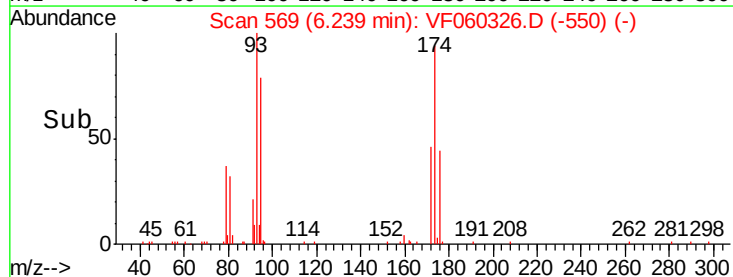
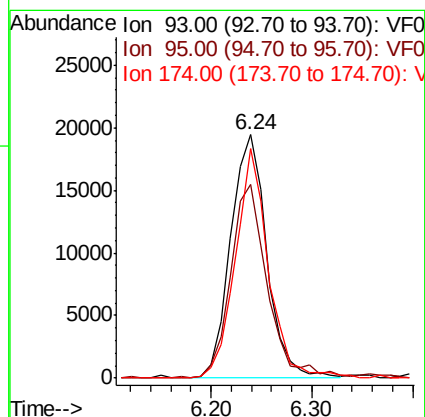
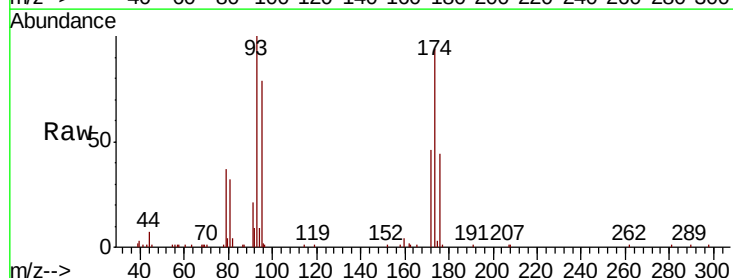
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

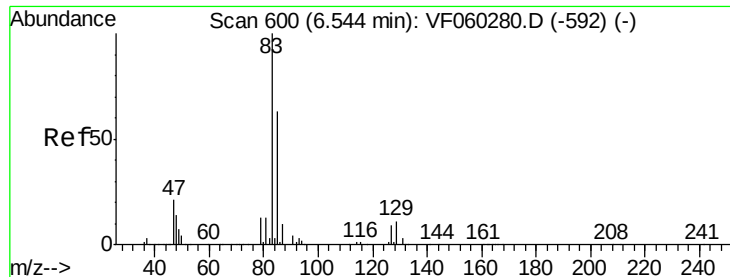
Tgt Ion: 63 Resp: 69249
 Ion Ratio Lower Upper
 63 100
 65 36.4 26.2 39.4



#46
 Dibromomethane
 Concen: 22.260 ug/l
 RT: 6.24 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion: 93 Resp: 48556
 Ion Ratio Lower Upper
 93 100
 95 79.5 67.0 100.6
 174 96.9 74.8 112.2





#47

Bromodichloromethane

Concen: 22.832 ug/l

RT: 6.53 min Scan# 599

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

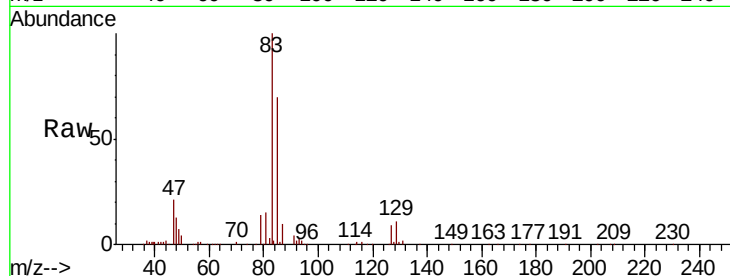
Tgt Ion: 83 Resp: 119687

Ion Ratio Lower Upper

83 100

85 69.7 50.6 76.0

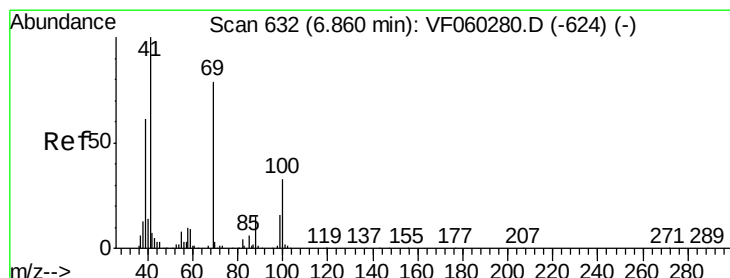
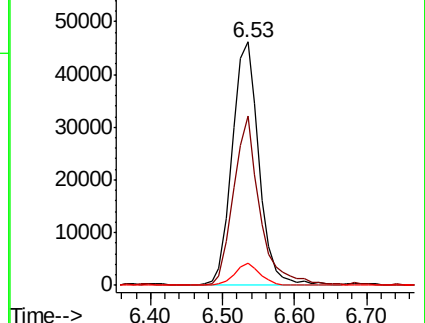
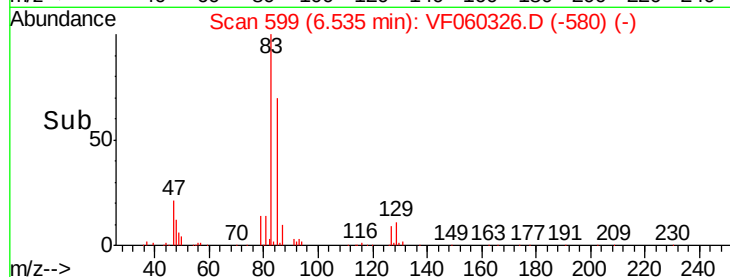
127 9.1 7.1 10.7



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: 20.569 ug/l

RT: 6.86 min Scan# 632

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

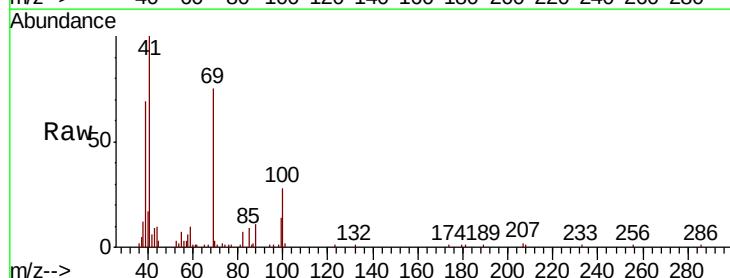
Tgt Ion: 41 Resp: 38247

Ion Ratio Lower Upper

41 100

69 74.8 62.6 94.0

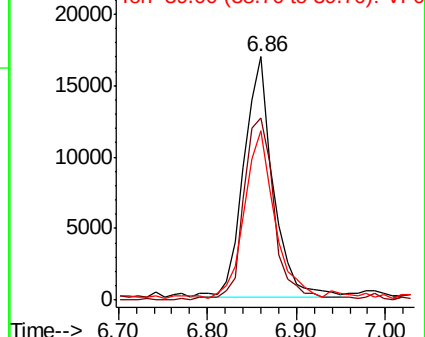
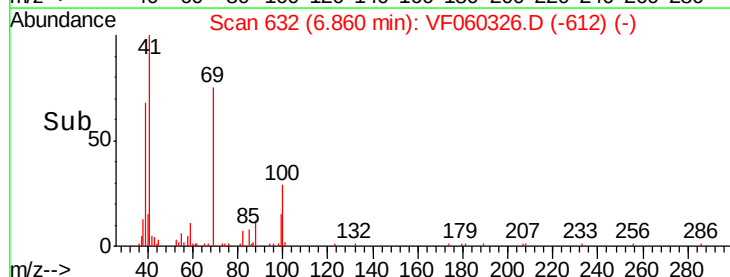
39 69.5 49.1 73.7

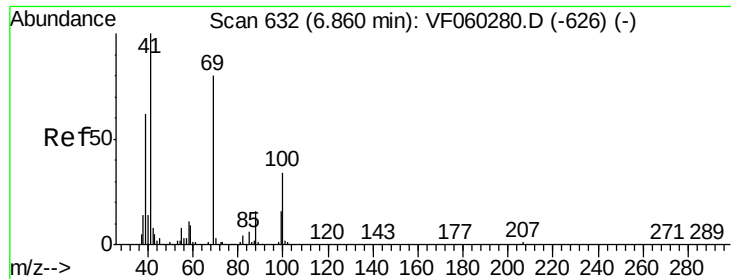


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

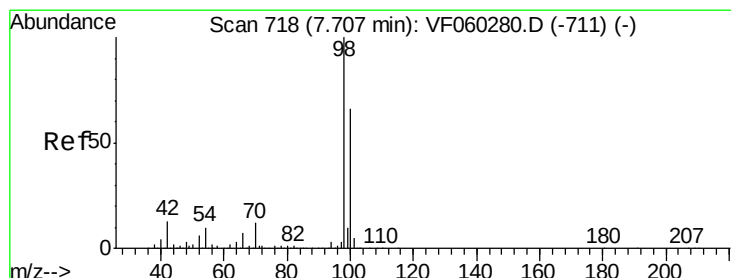
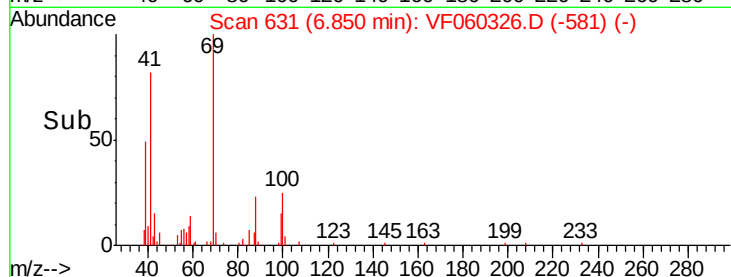
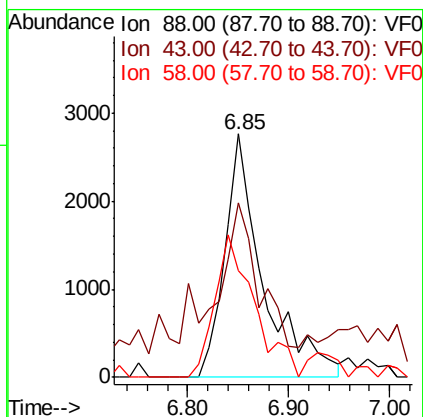
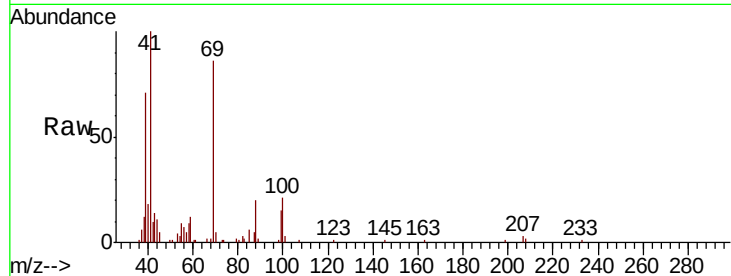




#49
1,4-Dioxane
Concen: 437.575 ug/l
RT: 6.85 min Scan# 631
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

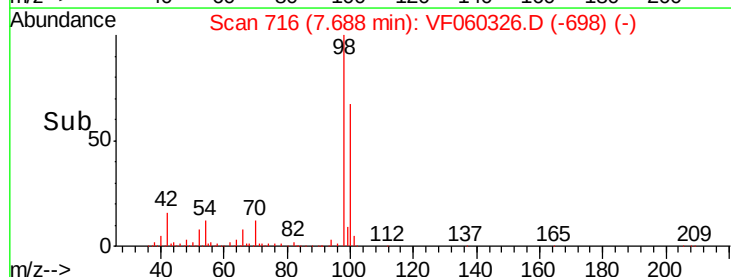
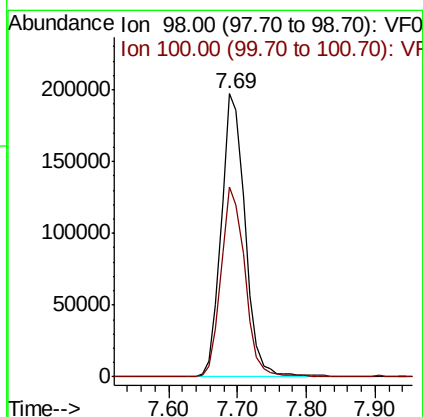
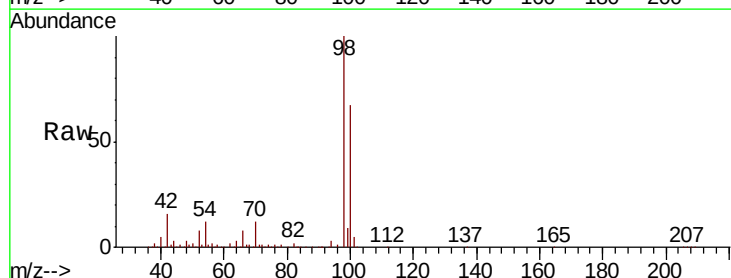
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

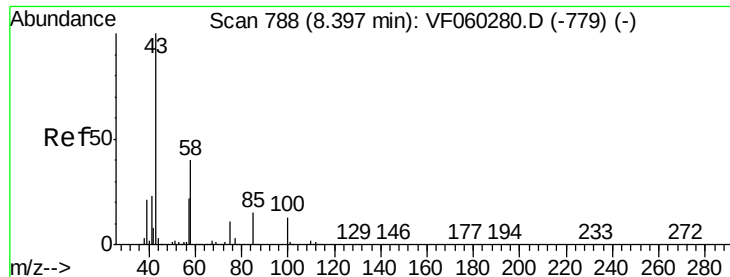
Tgt Ion: 88 Resp: 7269
Ion Ratio Lower Upper
88 100
43 71.6 40.2 60.4#
58 43.6 56.7 85.1#



#50
Toluene-d8
Concen: 48.850 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion: 98 Resp: 472764
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 101.492 ug/l

RT: 8.39 min Scan# 787

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

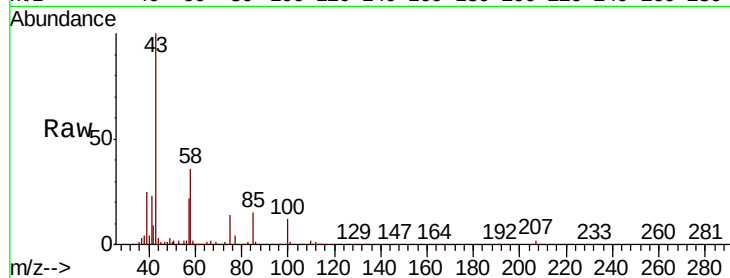
VF0925SBS01

Tgt Ion: 43 Resp: 207204

Ion Ratio Lower Upper

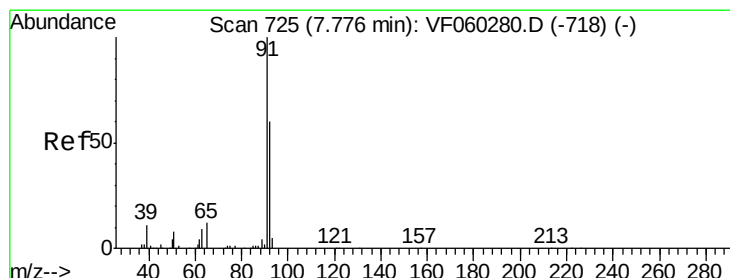
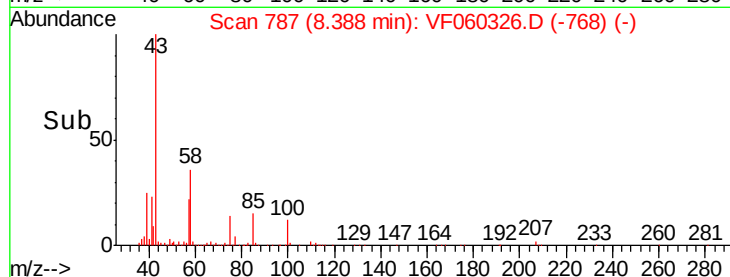
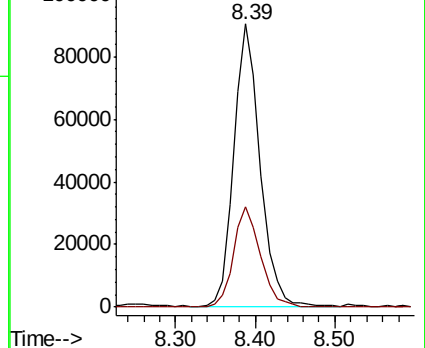
43 100

58 35.6 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 21.736 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060326.D

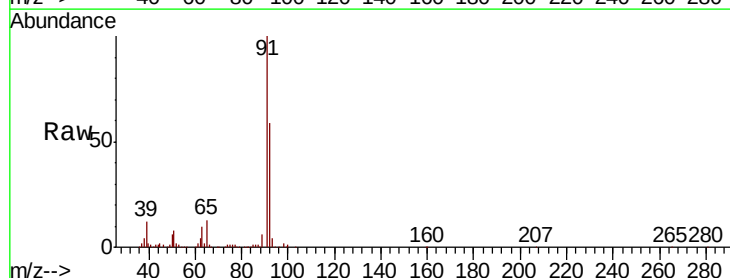
Acq: 25 Sep 2018 15:53

Tgt Ion: 92 Resp: 162135

Ion Ratio Lower Upper

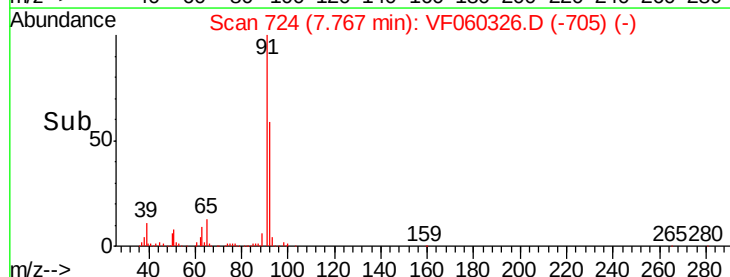
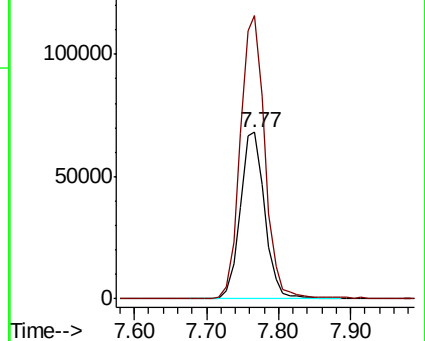
92 100

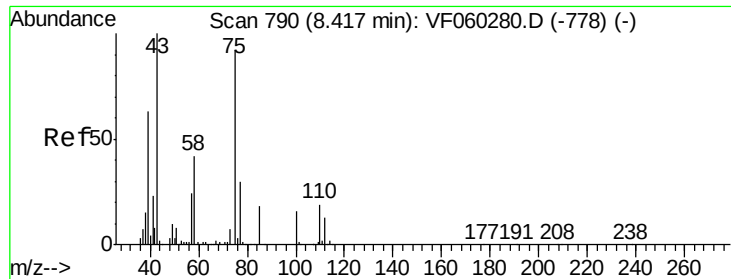
91 170.0 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 23.278 ug/l

RT: 8.41 min Scan# 789

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

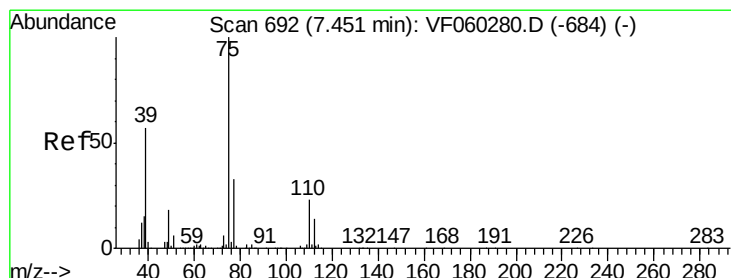
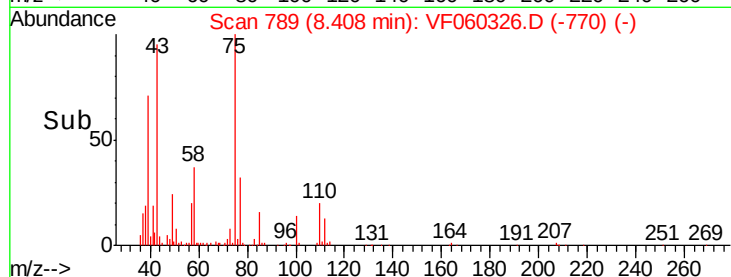
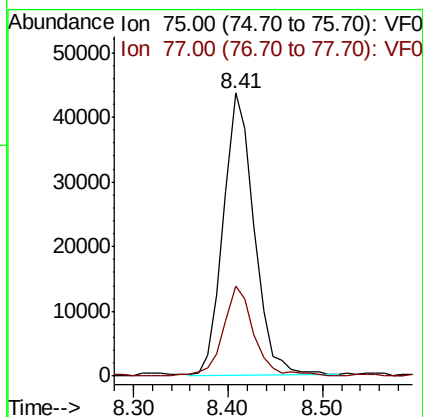
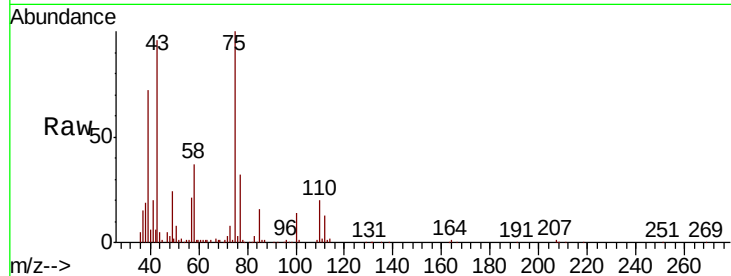
VF0925SBS01

Tgt Ion: 75 Resp: 98425

Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.558 ug/l

RT: 7.44 min Scan# 691

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

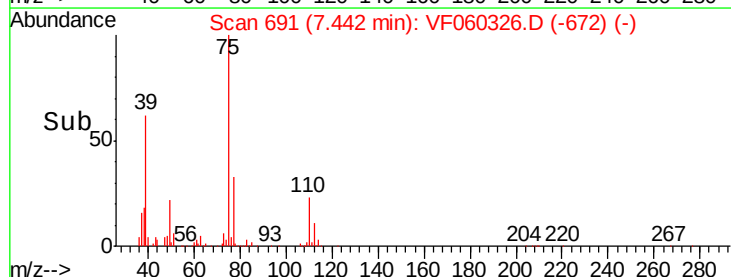
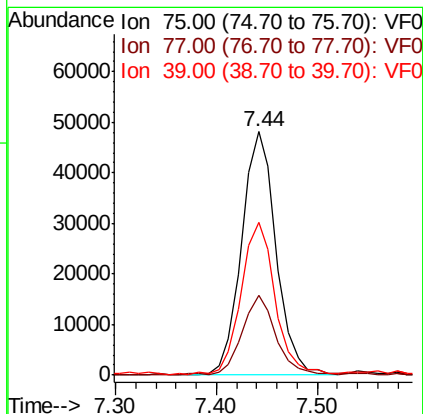
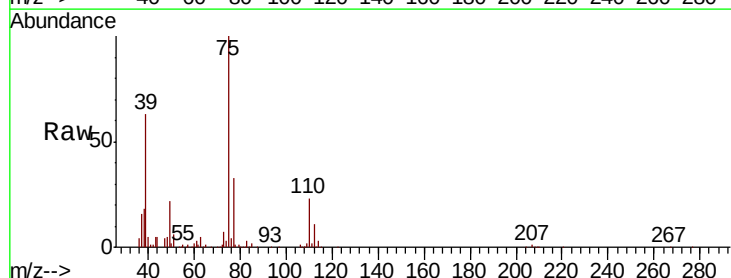
Tgt Ion: 75 Resp: 114832

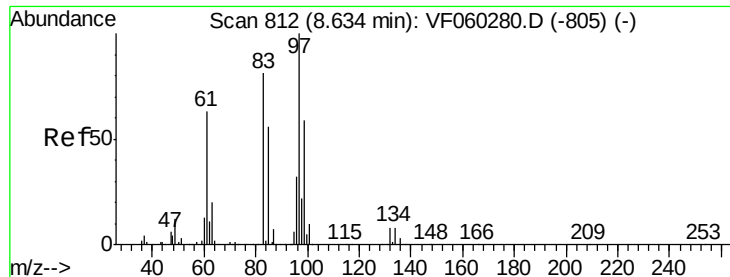
Ion Ratio Lower Upper

75 100

77 32.7 26.3 39.5

39 63.0 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 21.924 ug/l

RT: 8.62 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

Tgt Ion: 97 Resp: 49636

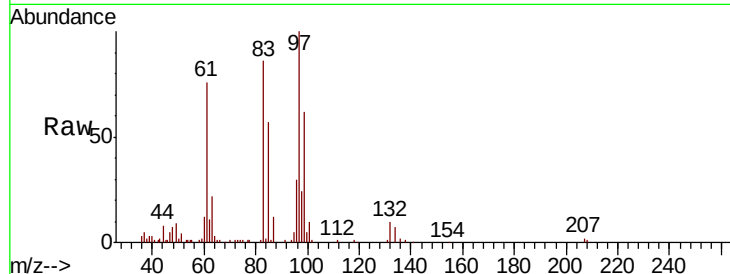
Ion Ratio Lower Upper

97 100

83 86.1 65.3 97.9

85 56.6 44.7 67.1

99 61.9 47.0 70.4

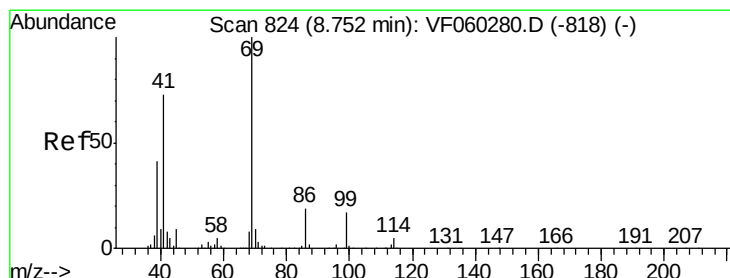
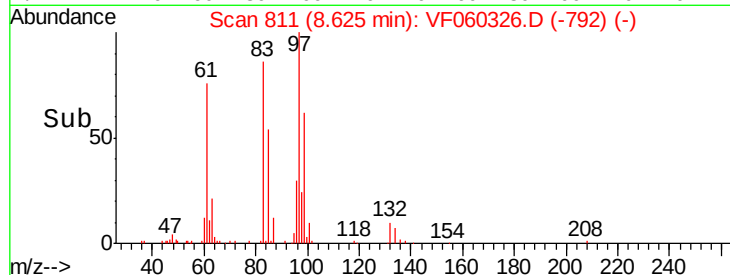
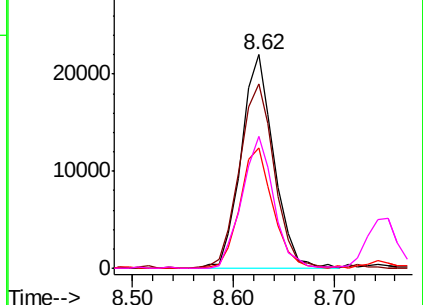


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 20.256 ug/l

RT: 8.74 min Scan# 823

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

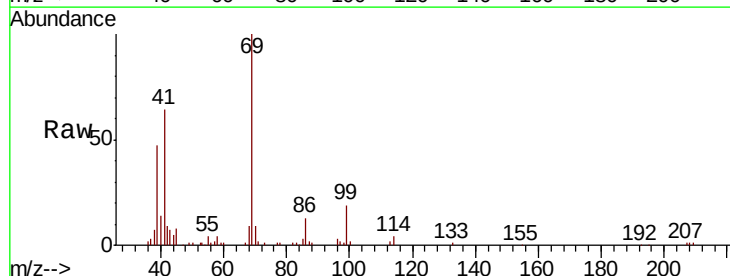
Tgt Ion: 69 Resp: 55386

Ion Ratio Lower Upper

69 100

41 63.9 59.4 89.2

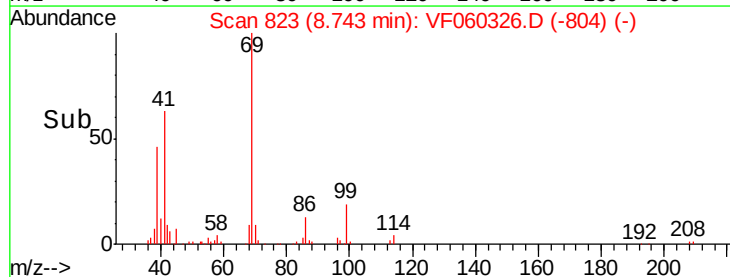
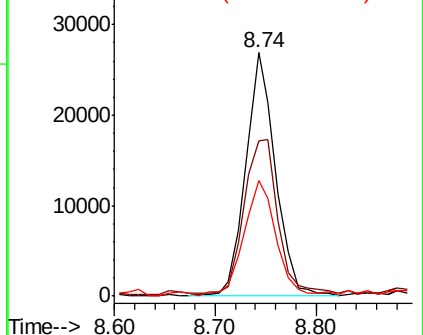
39 47.4 33.5 50.3

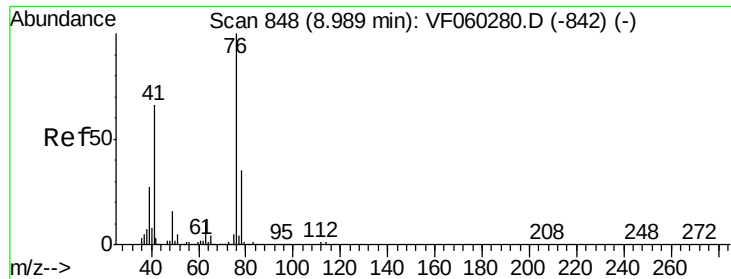


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

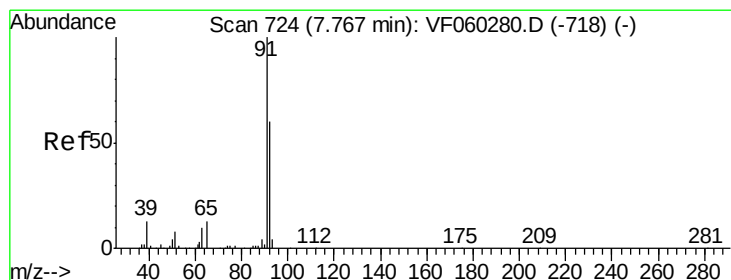
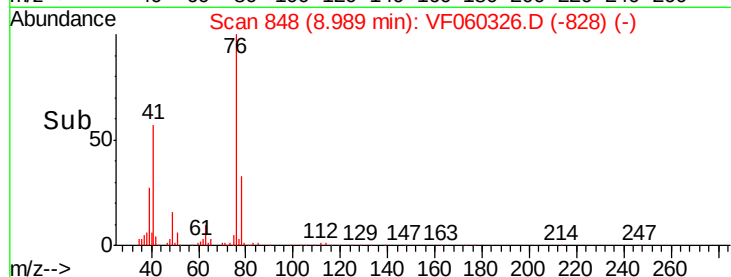
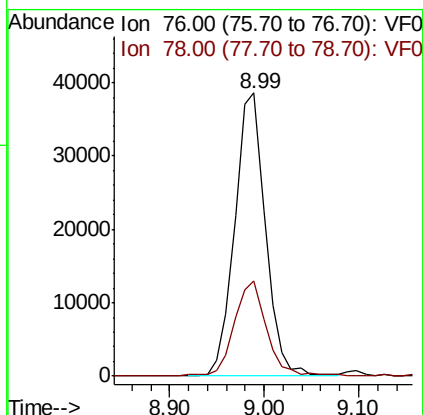
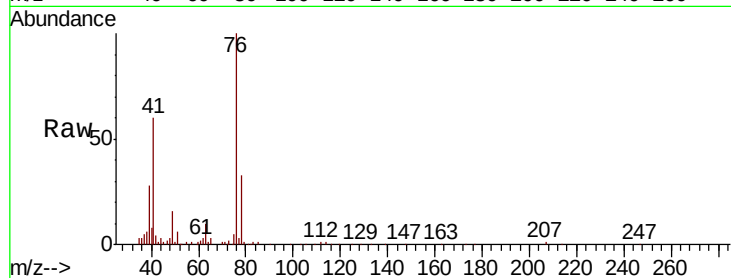




#57
 1,3-Dichloropropane
 Concen: 23.166 ug/l
 RT: 8.99 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

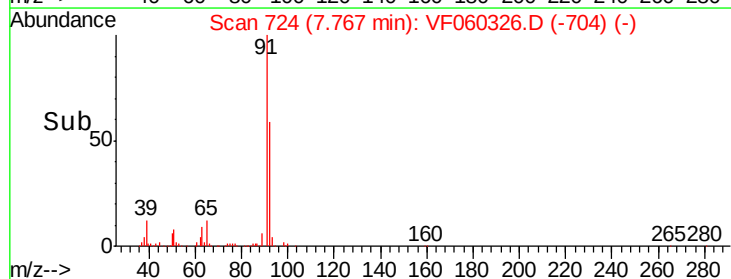
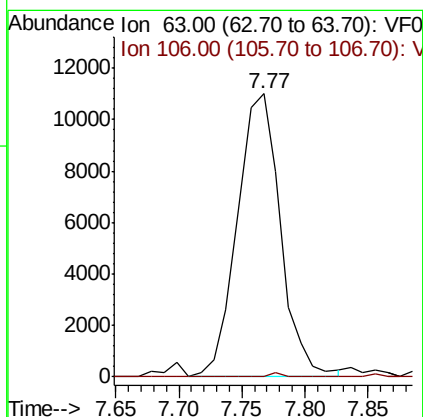
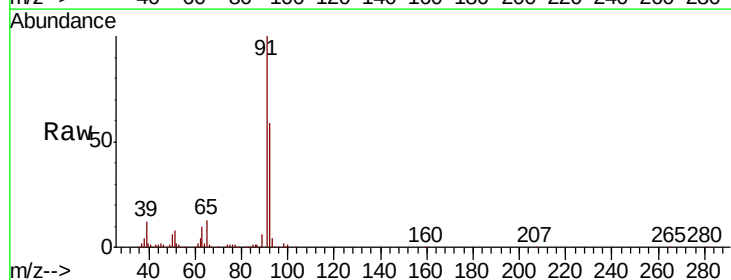
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

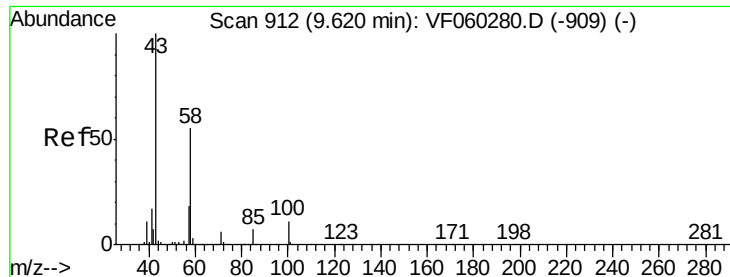
Tgt Ion: 76 Resp: 86843
 Ion Ratio Lower Upper
 76 100
 78 33.4 28.2 42.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.299 ug/l
 RT: 7.77 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion: 63 Resp: 26178
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0

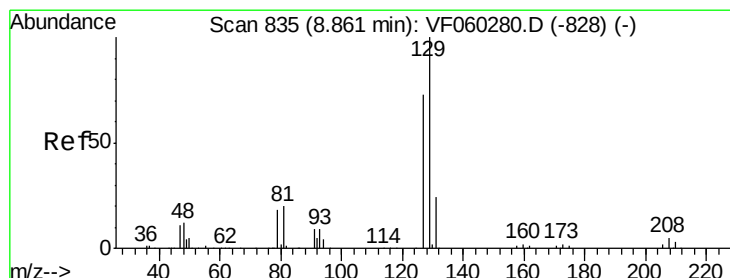
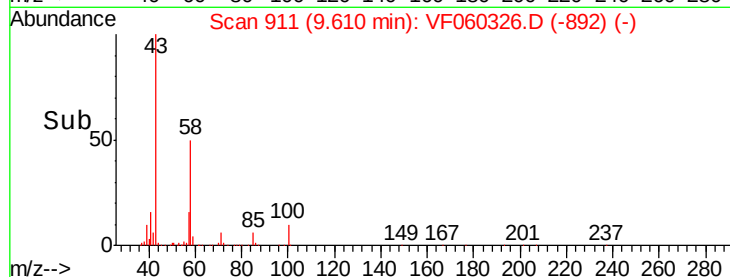
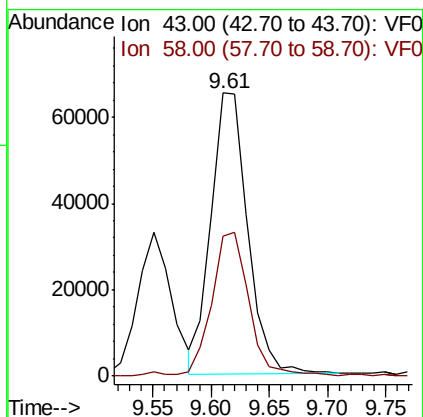
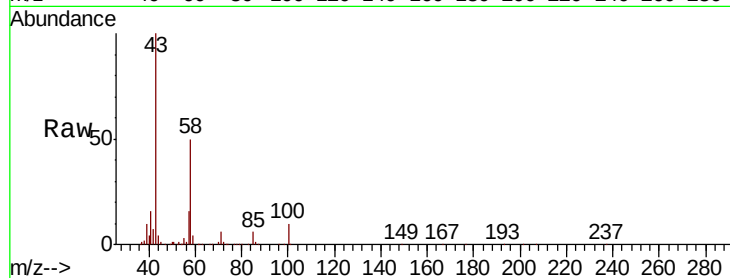




#59
2-Hexanone
Concen: 98.280 ug/l
RT: 9.61 min Scan# 911
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

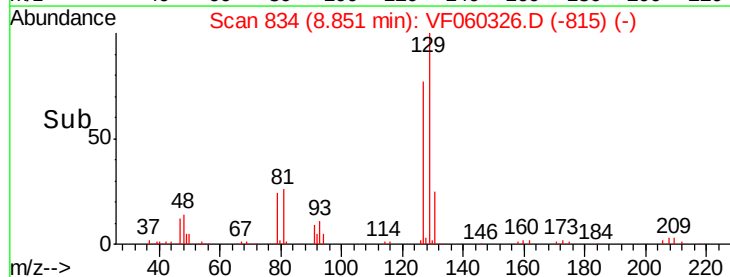
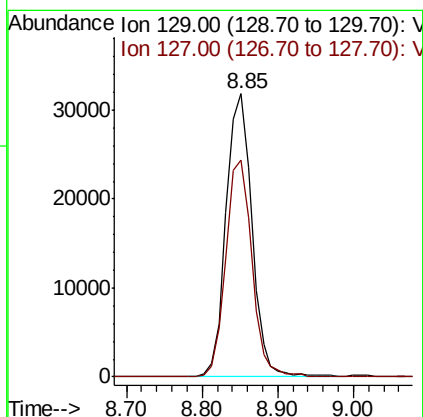
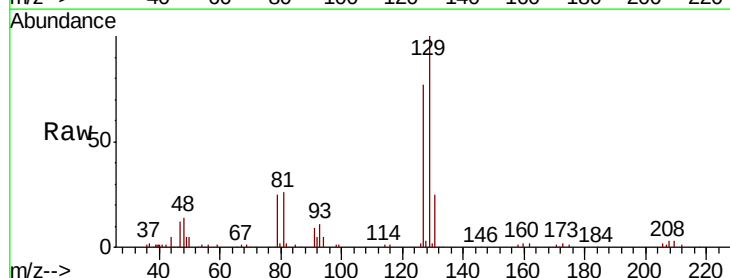
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

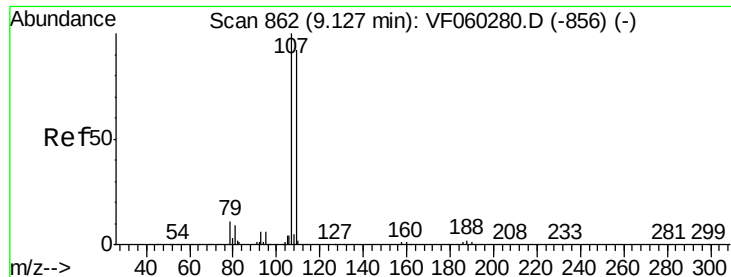
Tgt Ion: 43 Resp: 142862
Ion Ratio Lower Upper
43 100
58 49.5 25.9 77.6



#60
Dibromochloromethane
Concen: 22.346 ug/l
RT: 8.85 min Scan# 834
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion: 129 Resp: 75405
Ion Ratio Lower Upper
129 100
127 75.5 36.6 109.8





#61

1,2-Dibromoethane

Concen: 22.062 ug/l

RT: 9.12 min Scan# 861

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

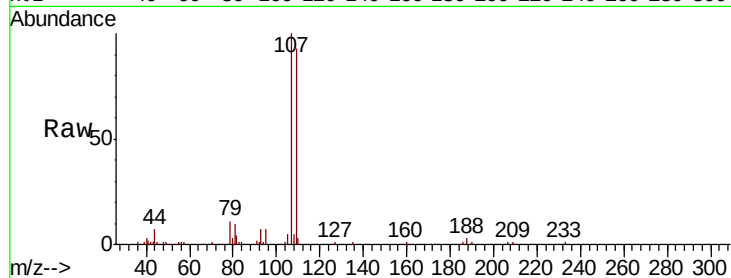
VF0925SBS01

Tgt Ion: 107 Resp: 55621

Ion Ratio Lower Upper

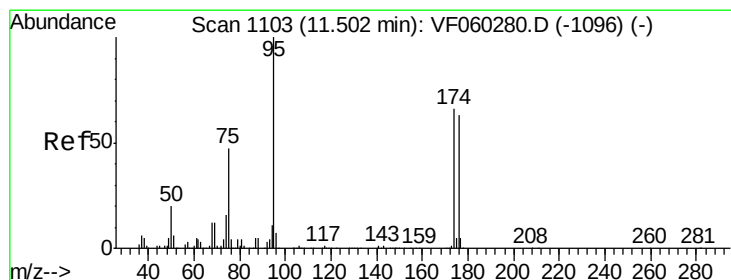
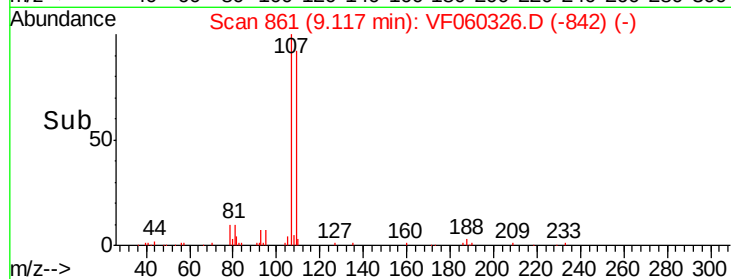
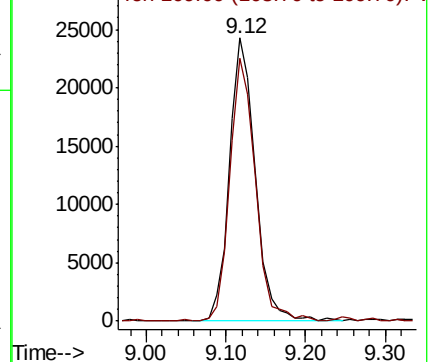
107 100

109 92.8 73.2 109.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 51.072 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

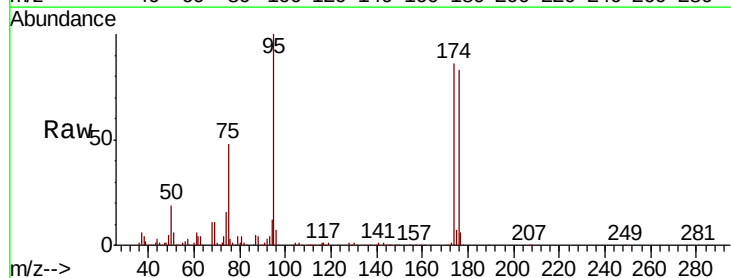
Tgt Ion: 95 Resp: 213657

Ion Ratio Lower Upper

95 100

174 85.8 0.0 131.2

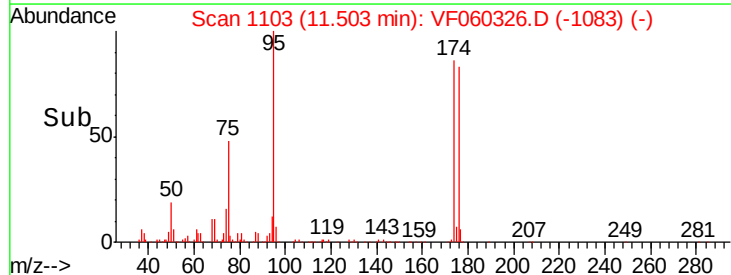
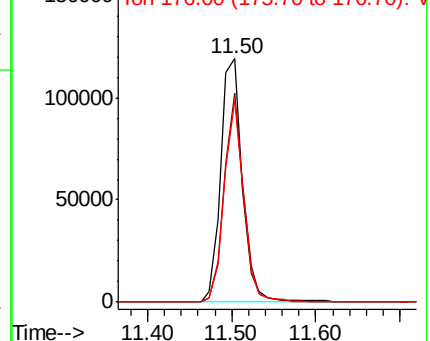
176 82.7 0.0 126.6

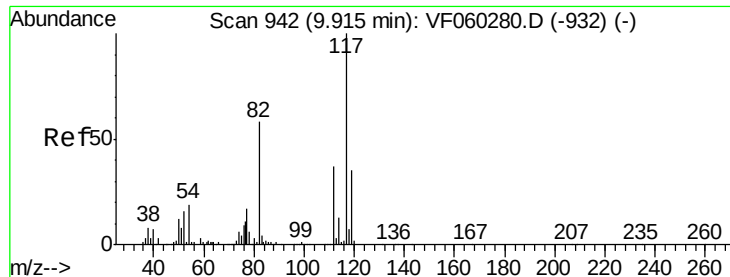


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

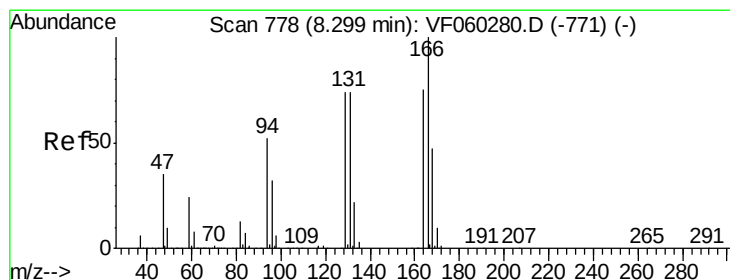
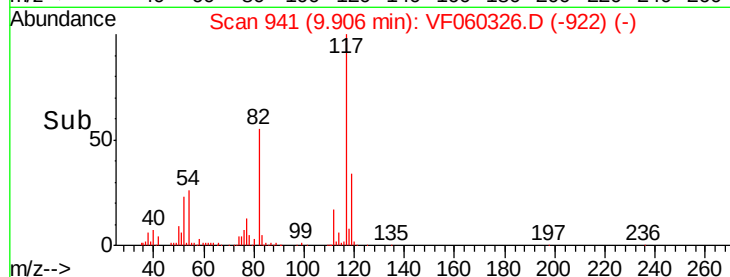
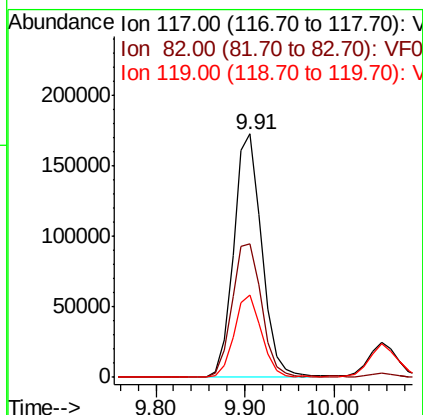
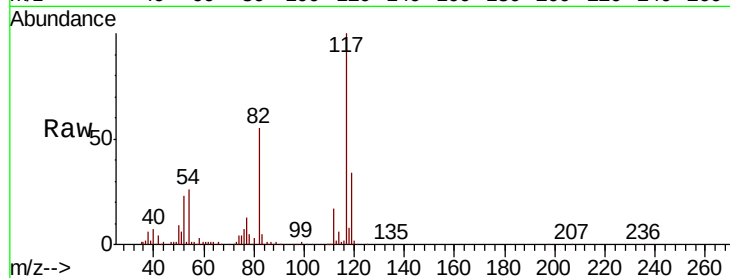




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

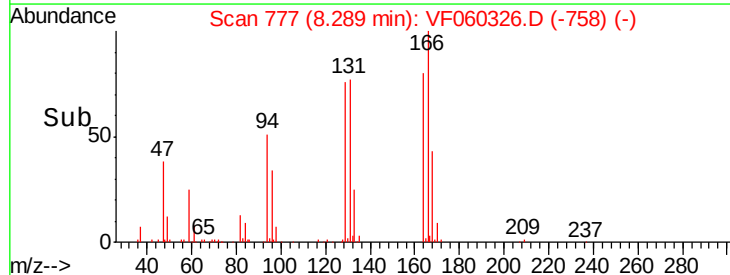
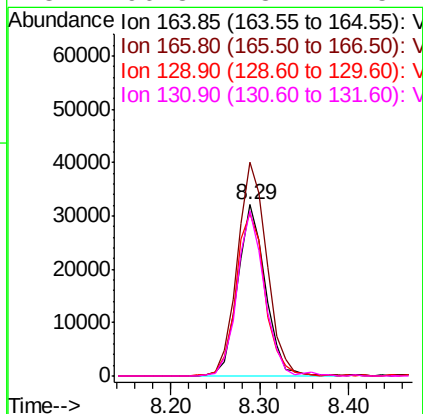
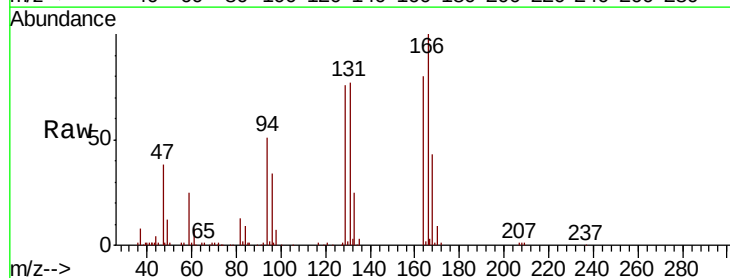
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

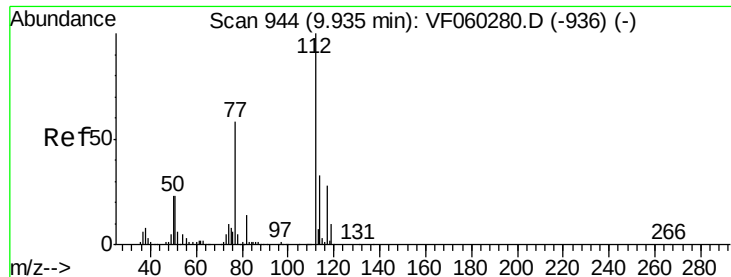
Tgt Ion:117 Resp: 382022
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.2
119 34.0 27.8 41.6



#64
Tetrachloroethene
Concen: 20.216 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion:164 Resp: 70012
Ion Ratio Lower Upper
164 100
166 124.9 106.8 160.2
129 94.8 78.8 118.2
131 96.8 78.7 118.1





#65

Chlorobenzene

Concen: 20.964 ug/l

RT: 9.93 min Scan# 943

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

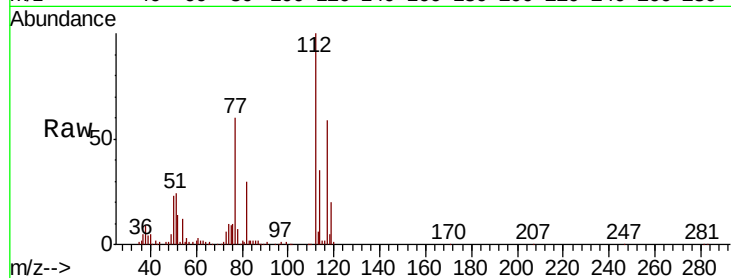
VF0925SBS01

Tgt Ion:112 Resp: 181511

Ion Ratio Lower Upper

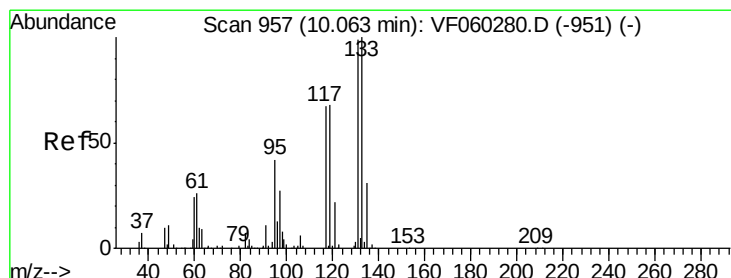
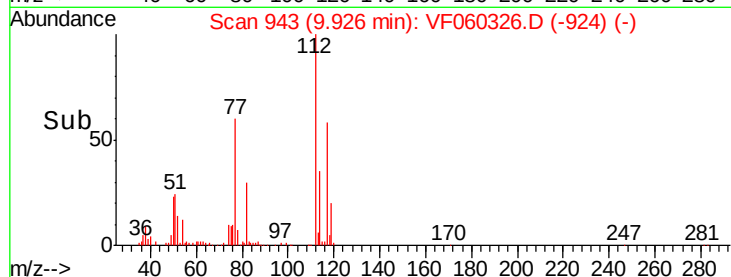
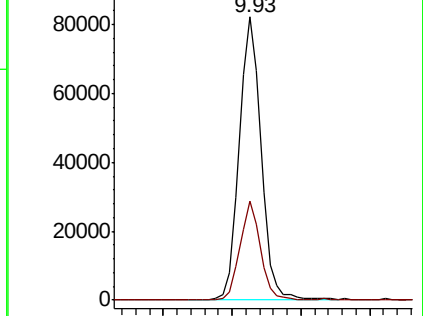
112 100

114 34.8 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.670 ug/l

RT: 10.05 min Scan# 956

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

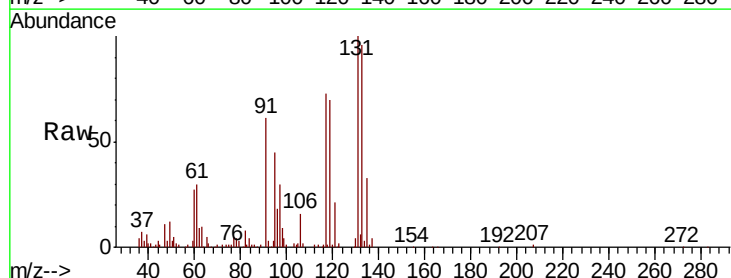
Tgt Ion:131 Resp: 77865

Ion Ratio Lower Upper

131 100

133 96.1 50.4 151.2

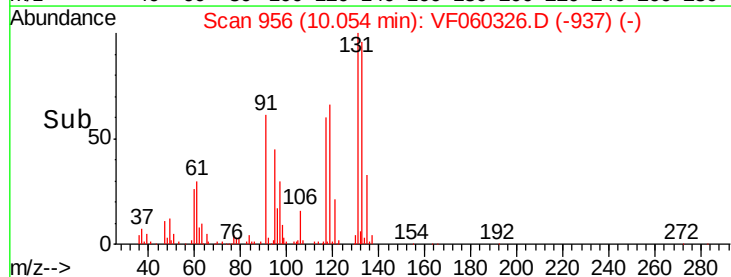
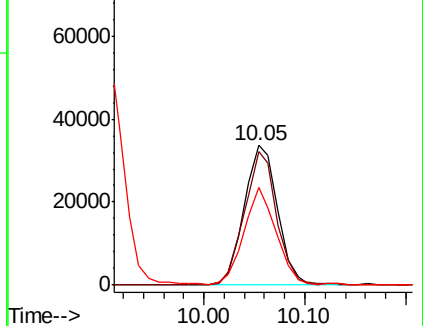
119 70.1 34.8 104.3

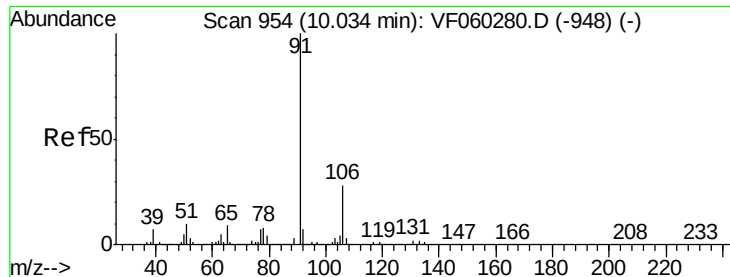


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

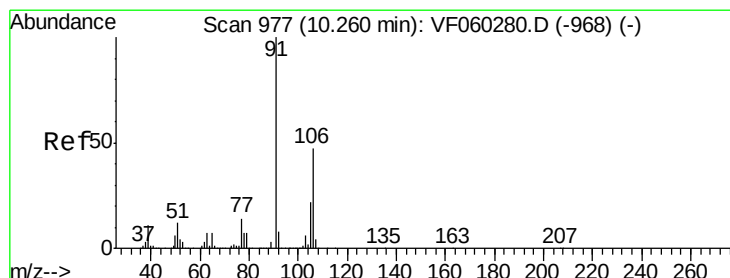
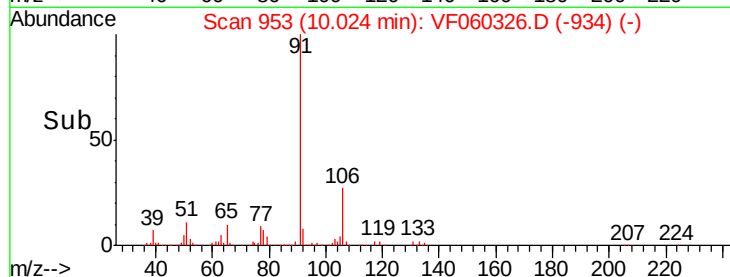
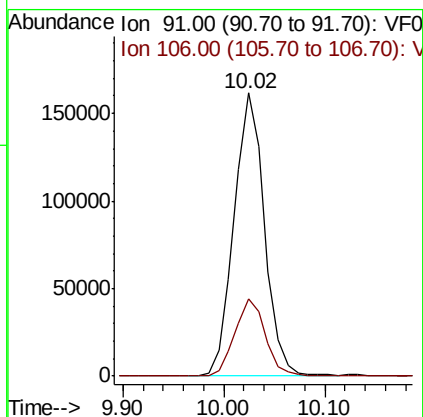
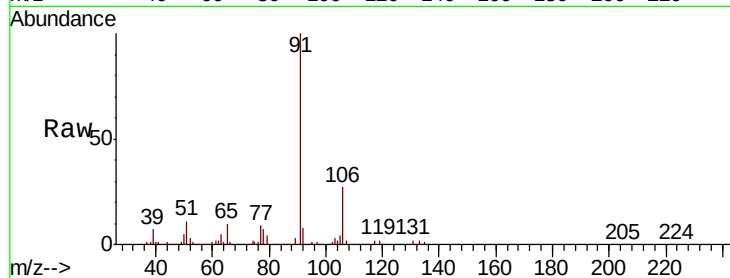




#67
Ethyl Benzene
Concen: 21.206 ug/l
RT: 10.02 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

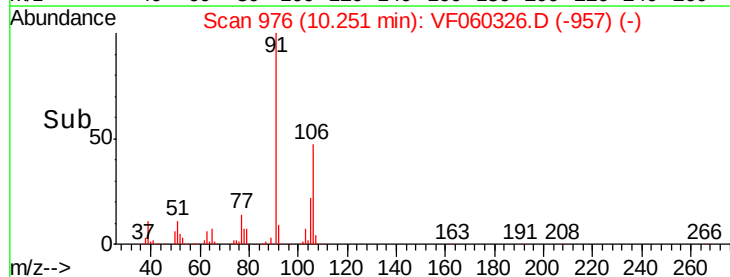
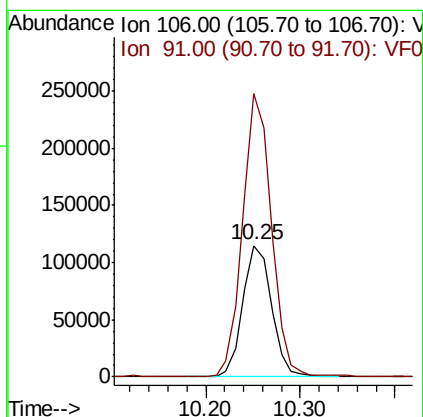
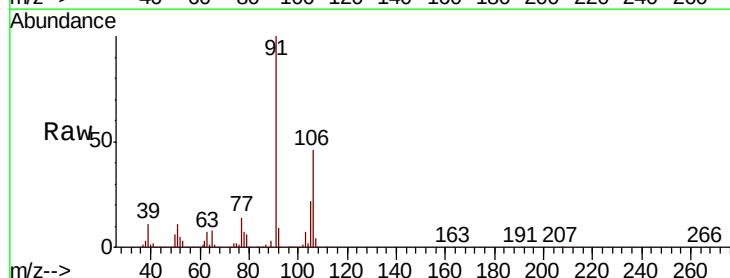
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

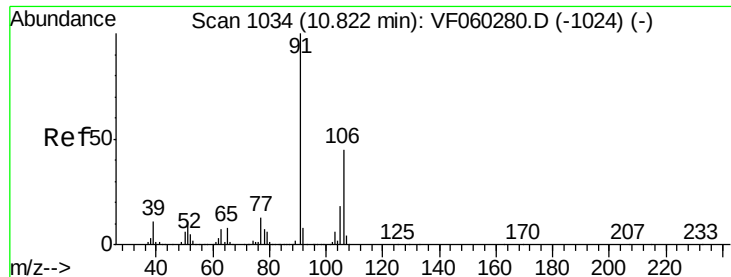
Tgt Ion: 91 Resp: 339488
Ion Ratio Lower Upper
91 100
106 27.4 22.7 34.1



#68
m/p-Xylenes
Concen: 44.083 ug/l
RT: 10.25 min Scan# 976
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion: 106 Resp: 243816
Ion Ratio Lower Upper
106 100
91 215.7 172.3 258.5

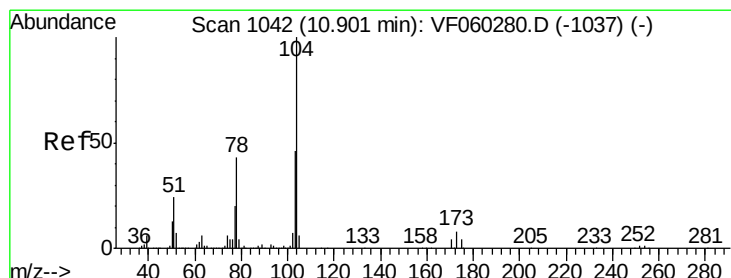
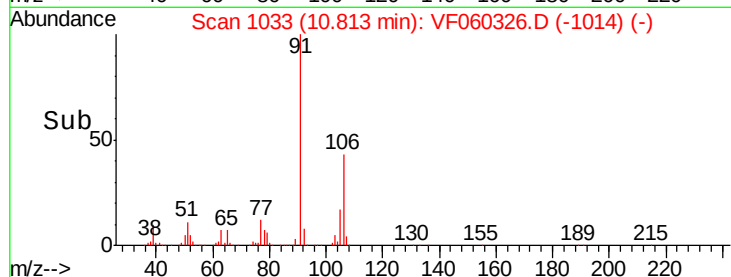
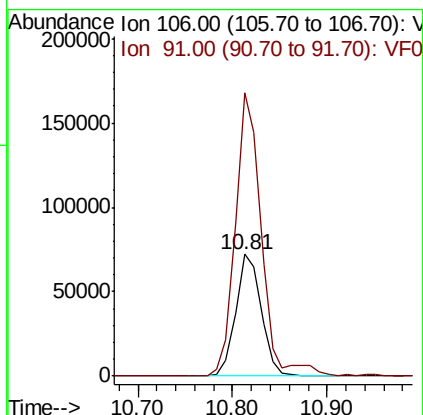
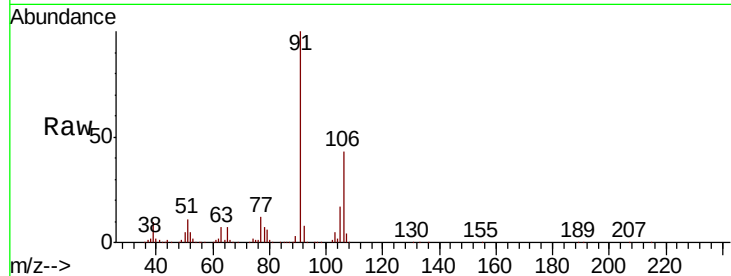




#69
o-Xylene
Concen: 21.841 ug/l
RT: 10.81 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

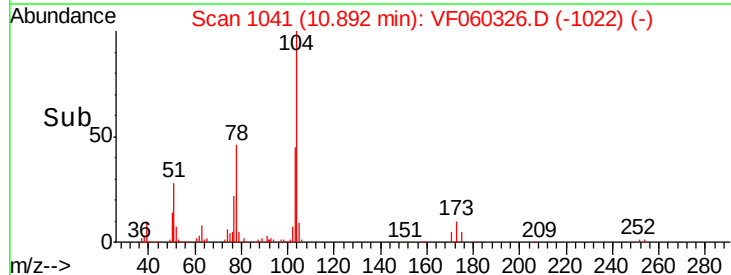
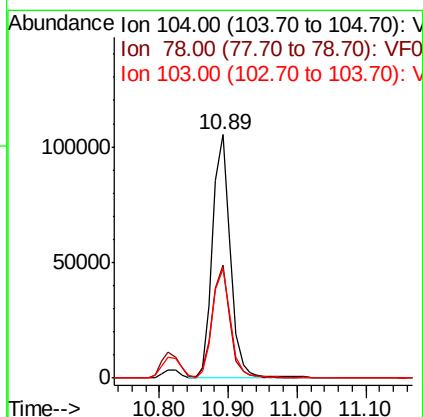
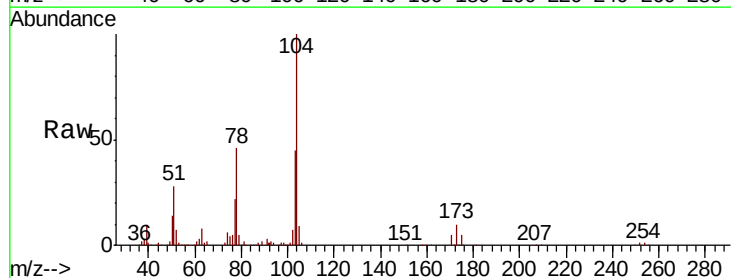
Instrument :
MSVOA_F
ClientSampleId :
VF0925SBS01

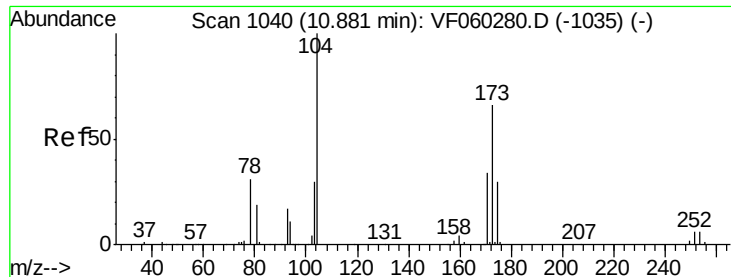
Tgt Ion:106 Resp: 135489
Ion Ratio Lower Upper
106 100
91 232.0 110.9 332.6



#70
Styrene
Concen: 21.558 ug/l
RT: 10.89 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VF060326.D
Acq: 25 Sep 2018 15:53

Tgt Ion:104 Resp: 188602
Ion Ratio Lower Upper
104 100
78 46.3 35.0 52.6
103 44.8 37.4 56.0





#71

Bromoform

Concen: 20.806 ug/l

RT: 10.88 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

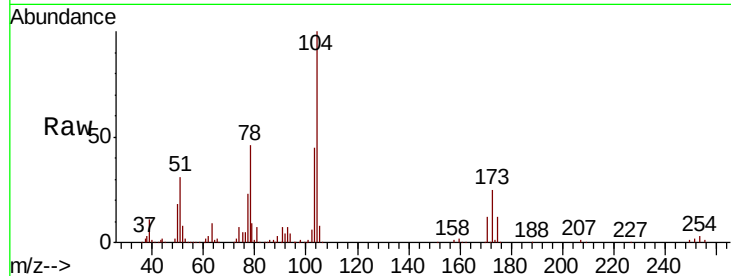
Tgt Ion:173 Resp: 41059

Ion Ratio Lower Upper

173 100

175 48.7 22.3 66.9

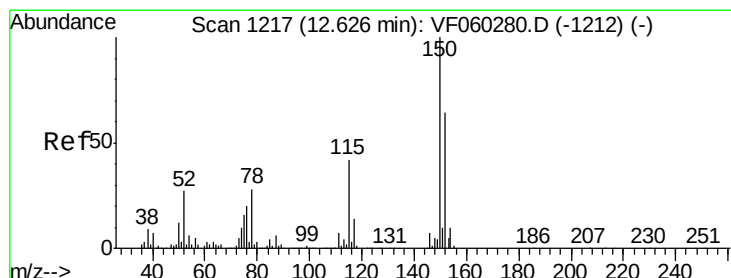
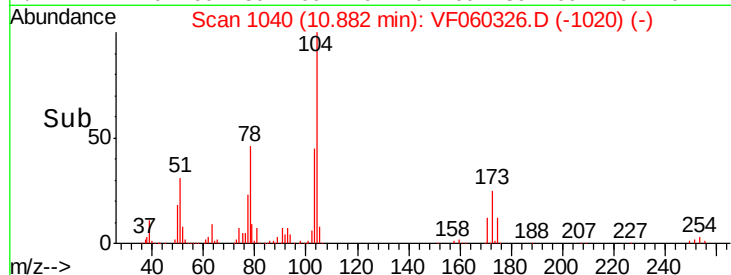
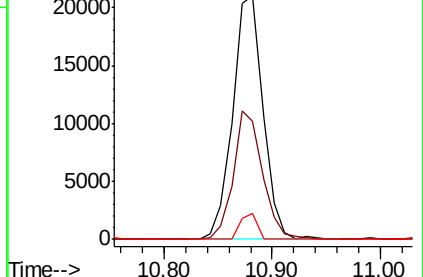
254 10.9 0.0 0.0#



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: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

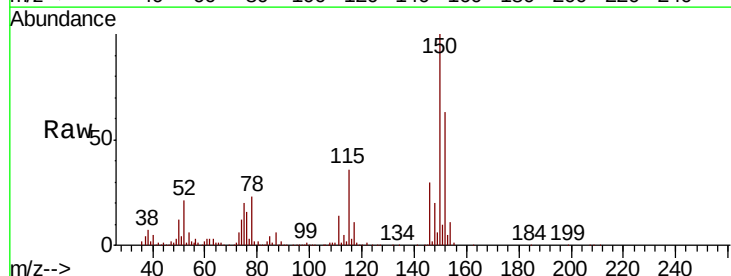
Tgt Ion:152 Resp: 205781

Ion Ratio Lower Upper

152 100

115 57.2 32.6 97.8

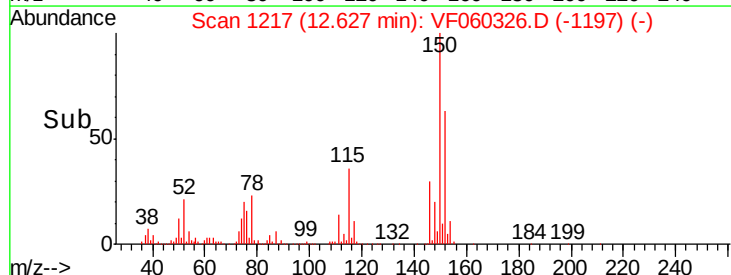
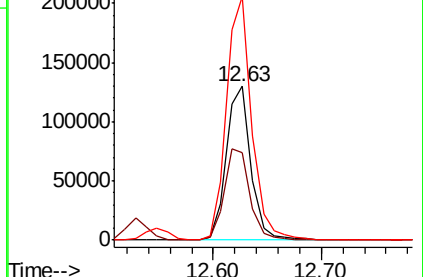
150 158.6 0.0 314.2

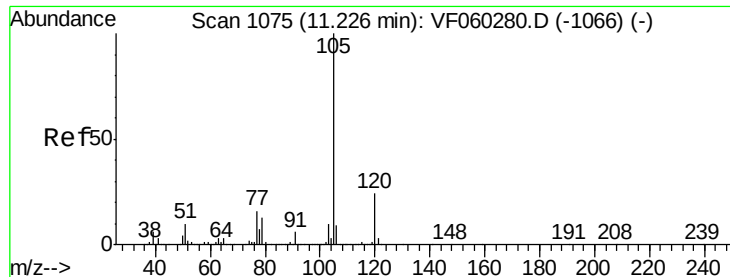


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 21.516 ug/l

RT: 11.22 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

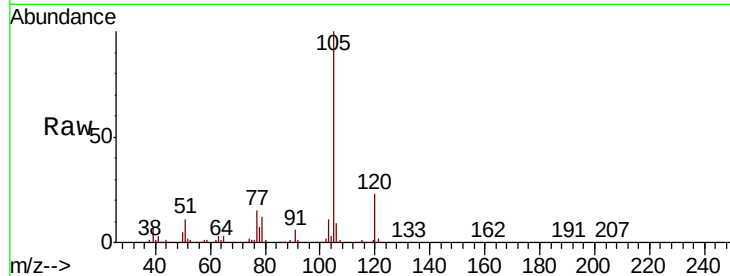
VF0925SBS01

Tgt Ion: 105 Resp: 397473

Ion Ratio Lower Upper

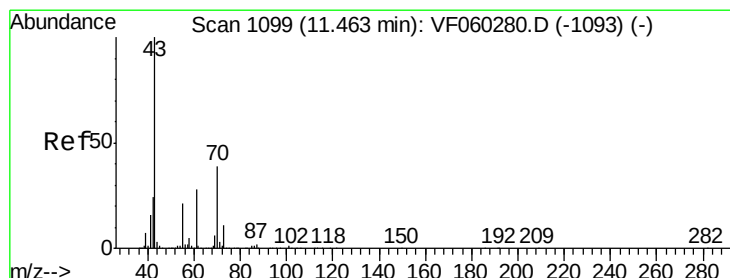
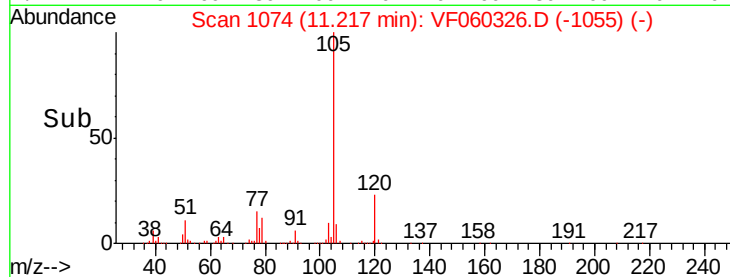
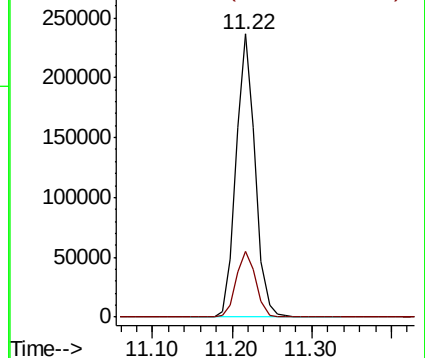
105 100

120 23.1 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.232 ug/l

RT: 11.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Tgt Ion: 43 Resp: 79702

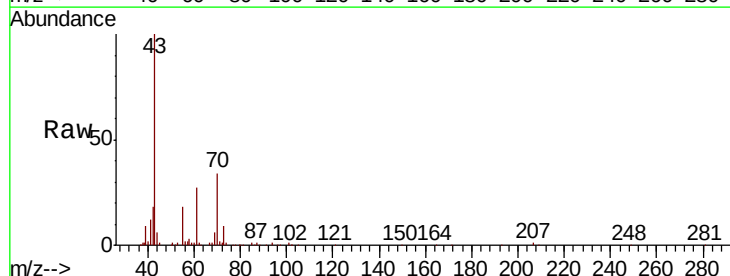
Ion Ratio Lower Upper

43 100

70 33.6 31.4 47.2

55 17.8 16.8 25.2

61 27.1 22.6 34.0

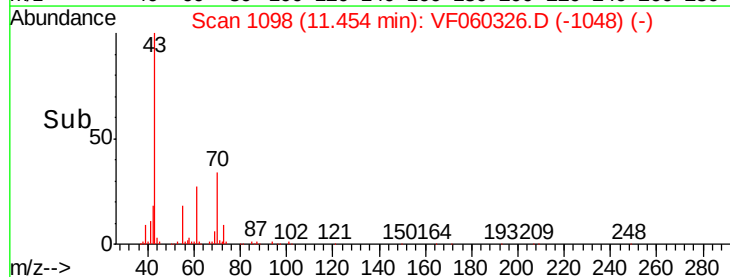
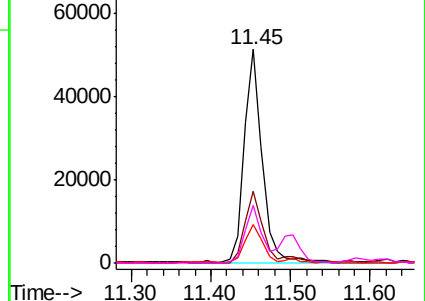


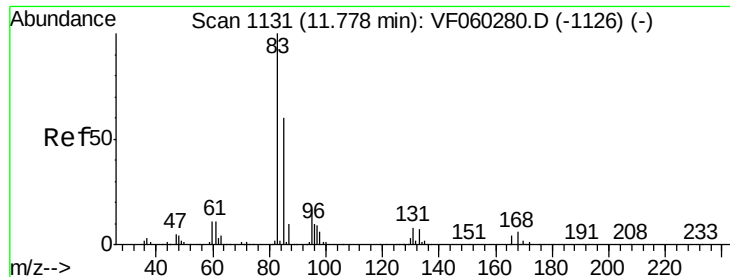
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.037 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

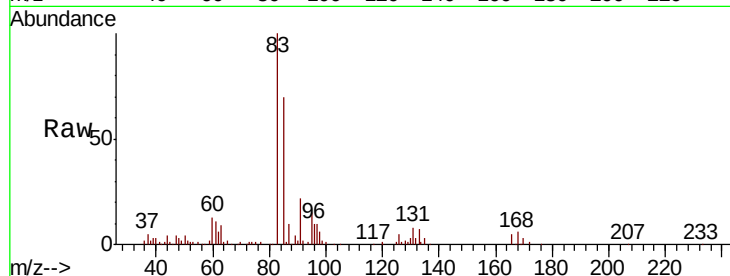
Tgt Ion: 83 Resp: 68872

Ion Ratio Lower Upper

83 100

131 7.9 4.2 12.4

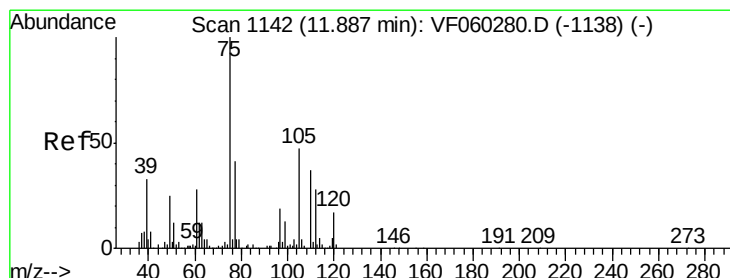
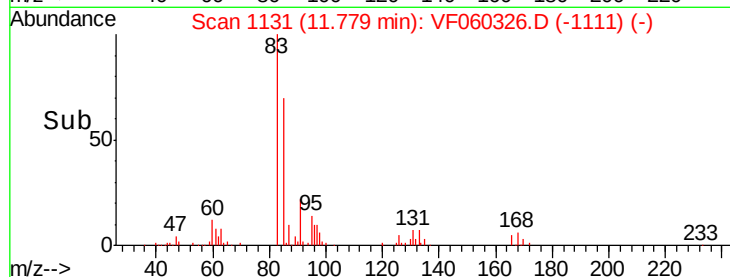
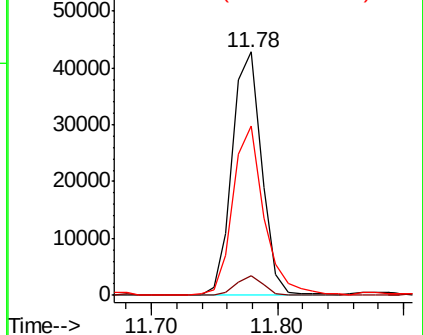
85 69.6 30.1 90.5



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 21.169 ug/l

RT: 11.88 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF060326.D

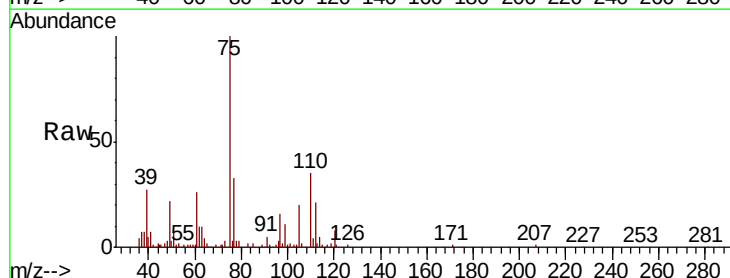
Acq: 25 Sep 2018 15:53

Tgt Ion: 75 Resp: 49623

Ion Ratio Lower Upper

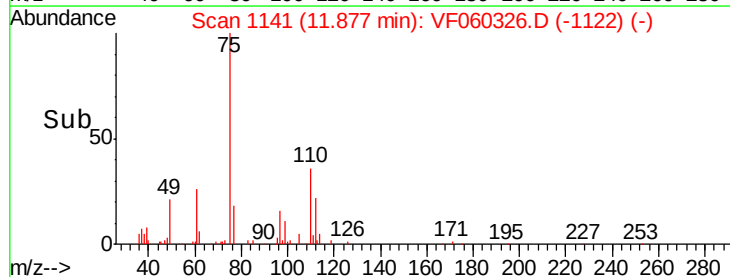
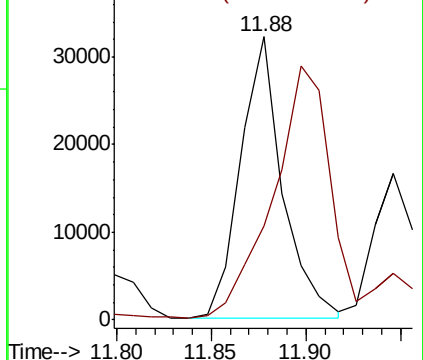
75 100

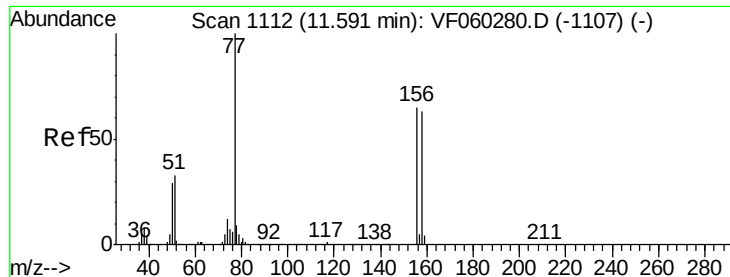
77 33.4 20.5 61.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 20.432 ug/l

RT: 11.58 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

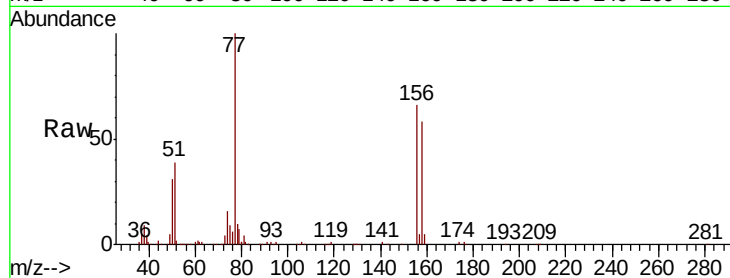
Tgt Ion:156 Resp: 81344

Ion Ratio Lower Upper

156 100

77 152.4 77.3 232.1

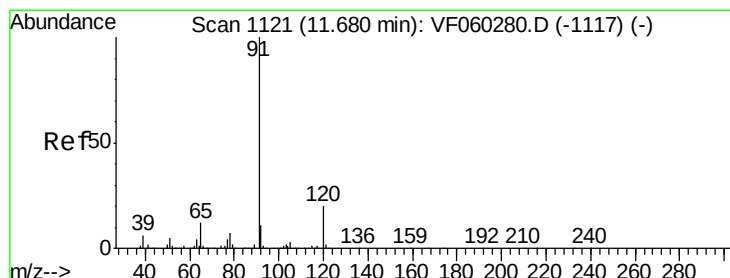
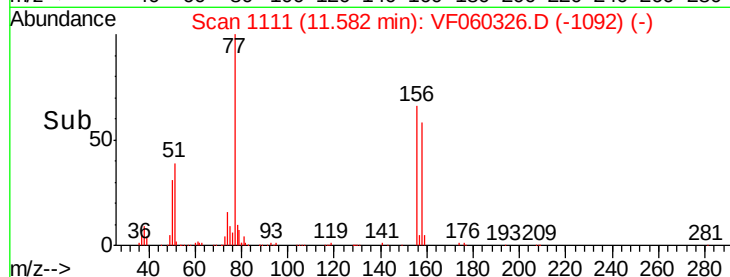
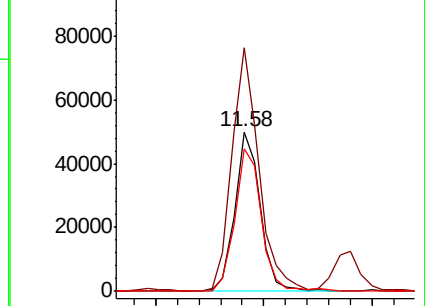
158 88.9 48.4 145.2



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



#78

n-propylbenzene

Concen: 22.169 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: VF060326.D

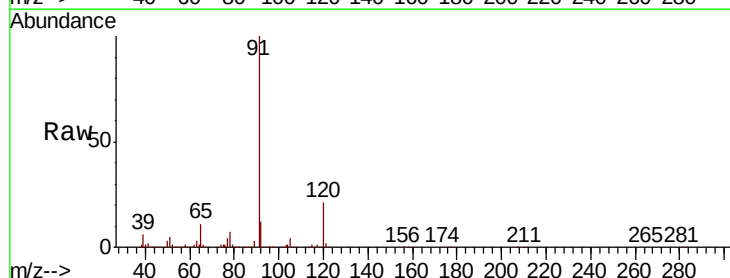
Acq: 25 Sep 2018 15:53

Tgt Ion: 91 Resp: 488195

Ion Ratio Lower Upper

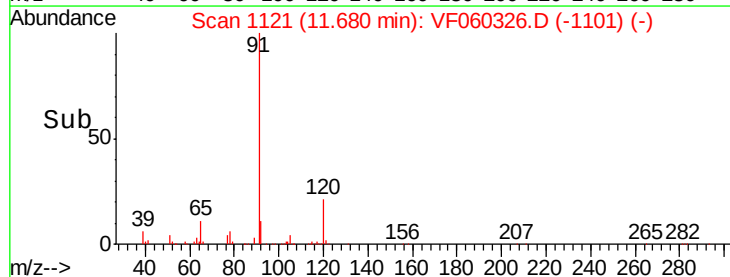
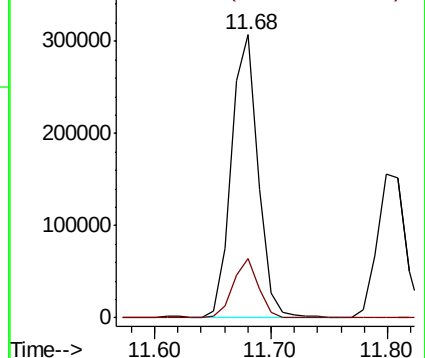
91 100

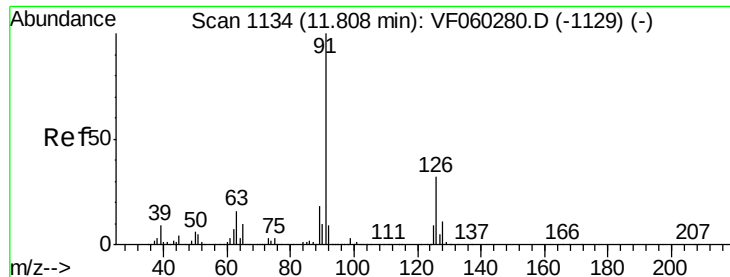
120 20.9 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.111 ug/l

RT: 11.80 min Scan# 1133

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

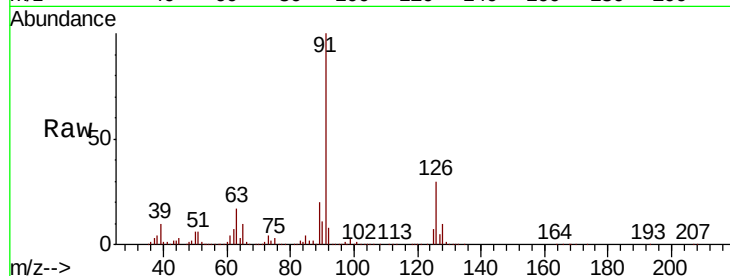
VF0925SBS01

Tgt Ion: 91 Resp: 263072

Ion Ratio Lower Upper

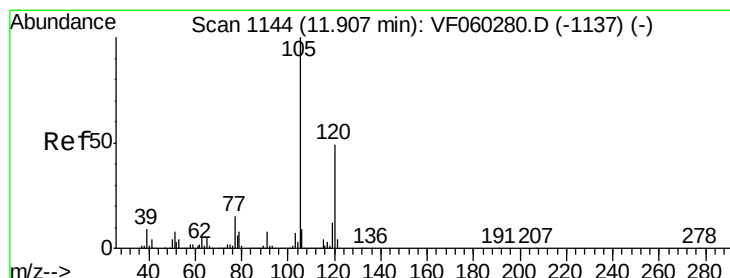
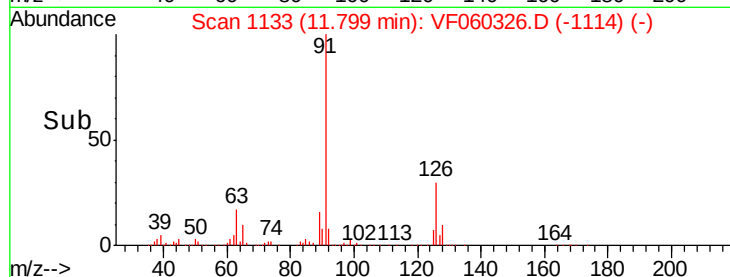
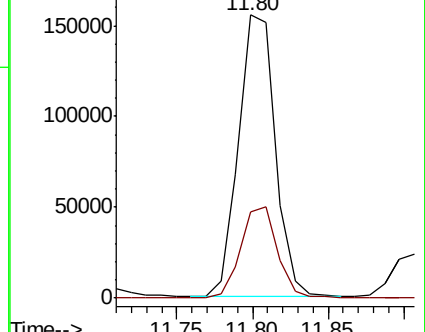
91 100

126 30.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 22.457 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VF060326.D

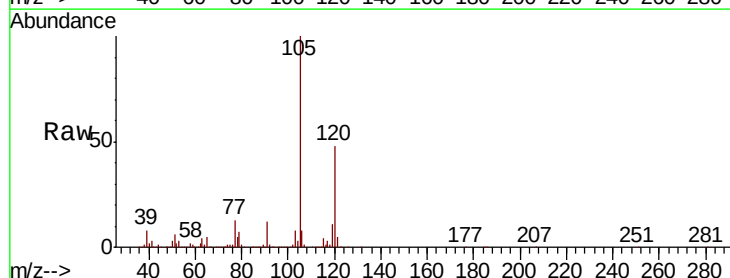
Acq: 25 Sep 2018 15:53

Tgt Ion: 105 Resp: 333954

Ion Ratio Lower Upper

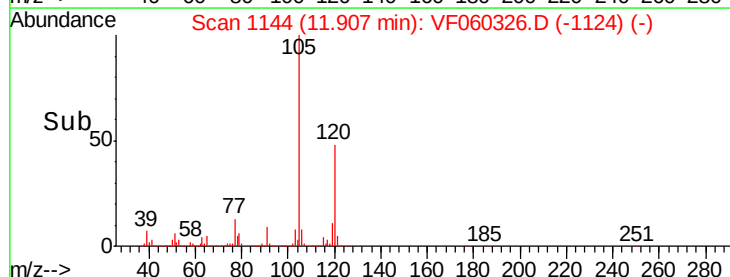
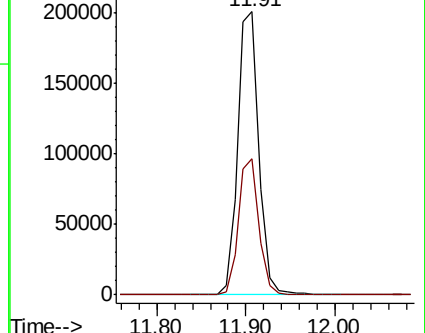
105 100

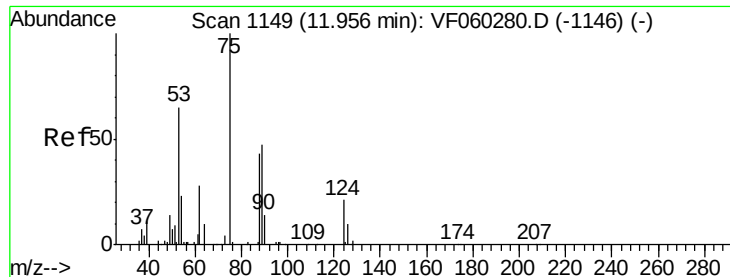
120 48.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 28.102 ug/l

RT: 11.95 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

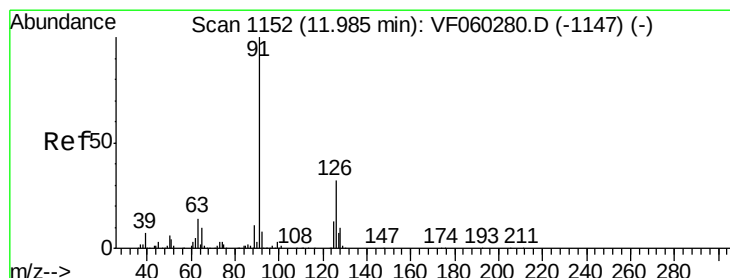
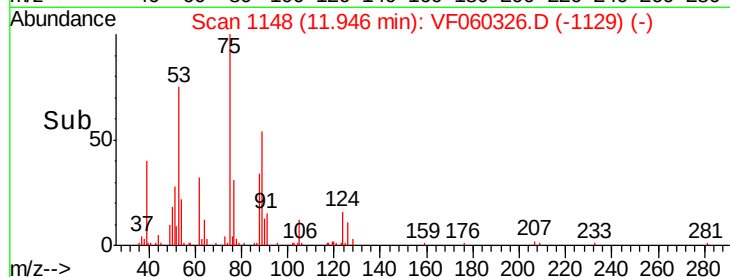
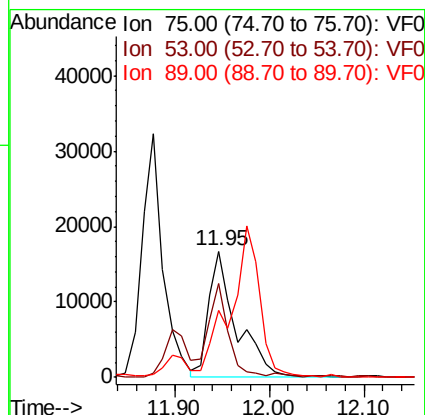
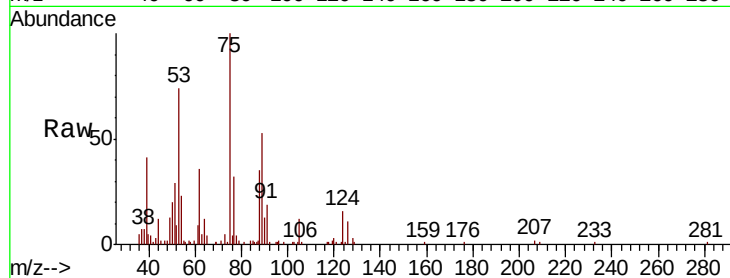
Tgt Ion: 75 Resp: 34813

Ion Ratio Lower Upper

75 100

53 74.4 56.5 84.7

89 53.2 40.6 60.8



#82

4-Chlorotoluene

Concen: 21.998 ug/l

RT: 11.98 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF060326.D

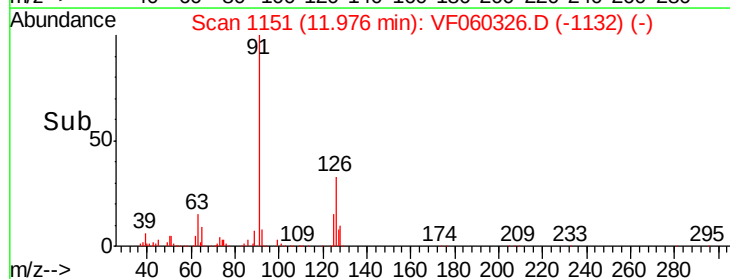
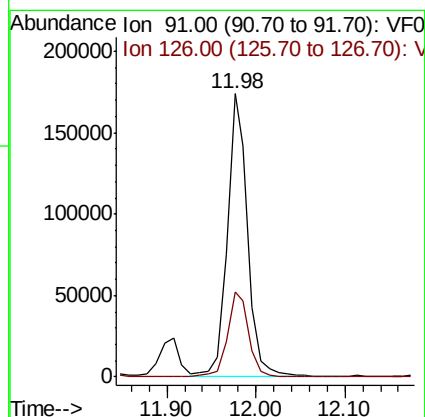
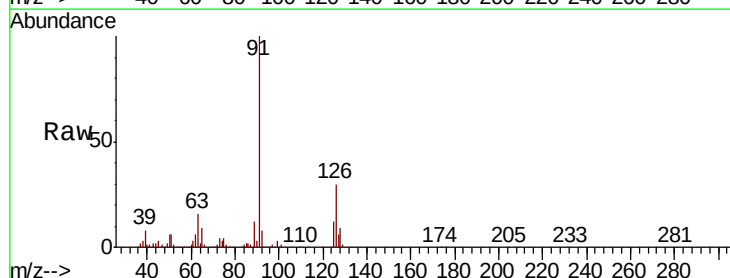
Acq: 25 Sep 2018 15:53

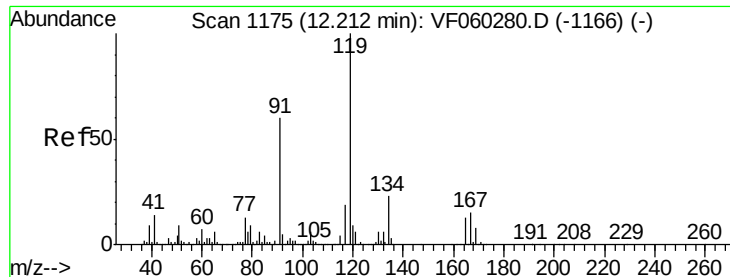
Tgt Ion: 91 Resp: 275525

Ion Ratio Lower Upper

91 100

126 30.2 16.1 48.2

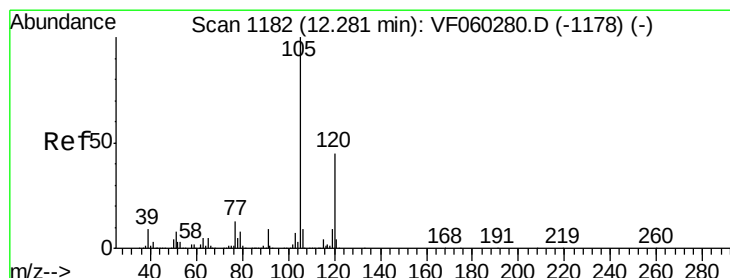
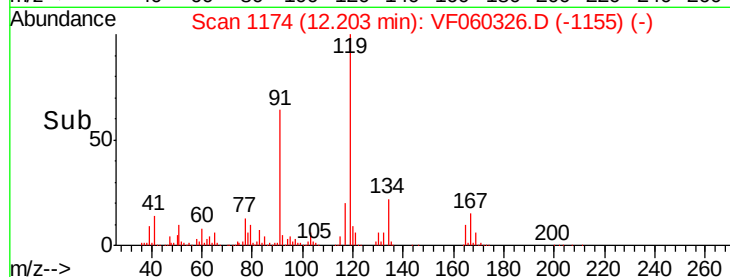
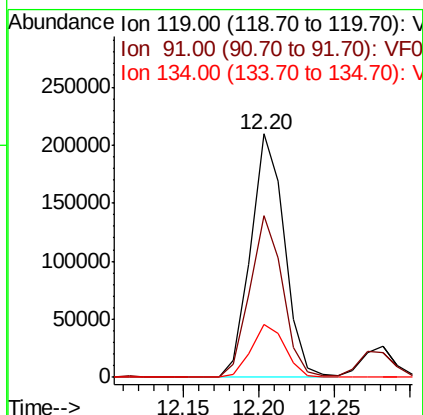
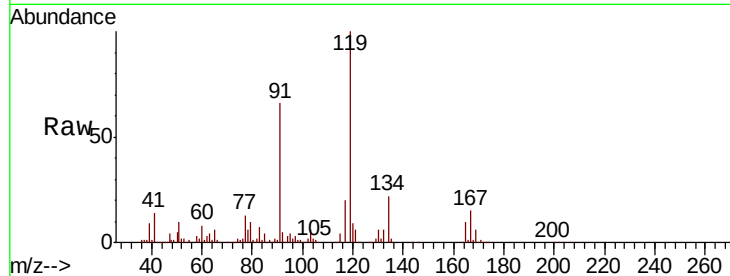




#83
 tert-Butylbenzene
 Concen: 21.690 ug/l
 RT: 12.20 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

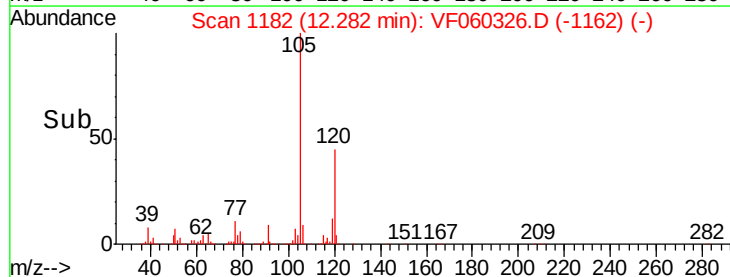
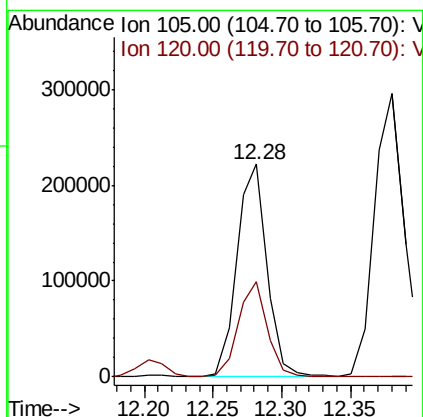
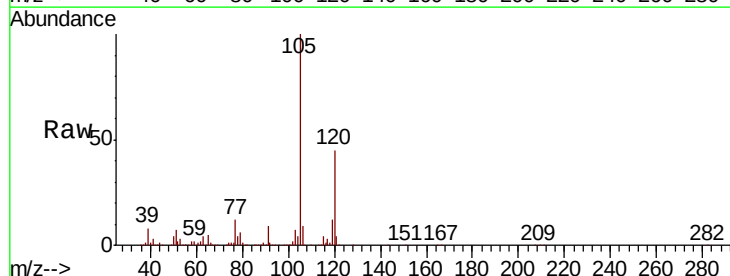
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

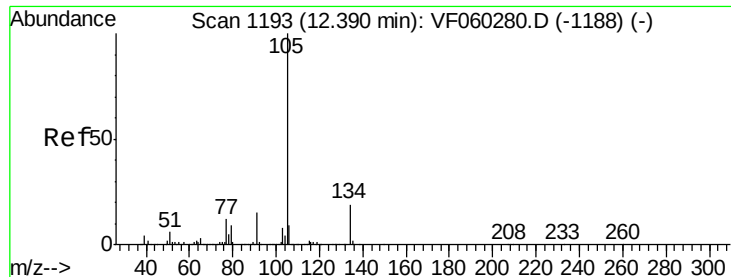
Tgt Ion:119 Resp: 326965
 Ion Ratio Lower Upper
 119 100
 91 66.3 30.3 91.0
 134 21.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.354 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion:105 Resp: 337544
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.712 ug/l

RT: 12.38 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

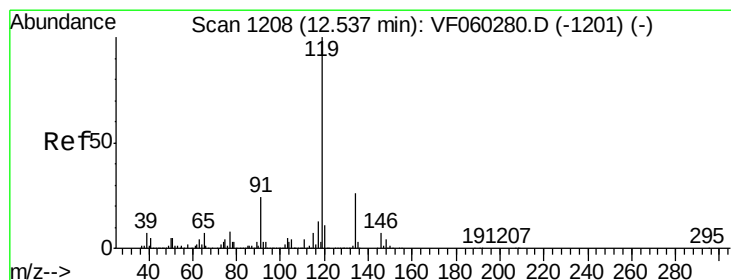
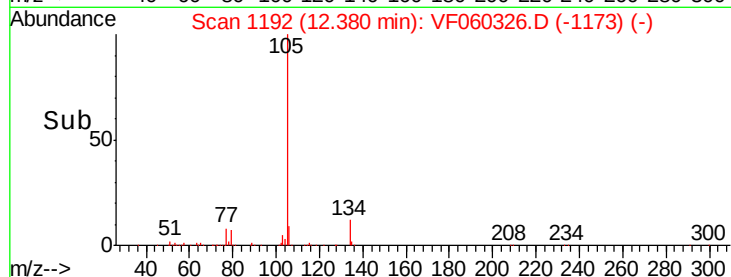
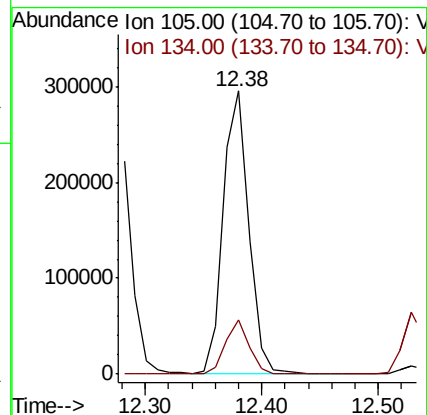
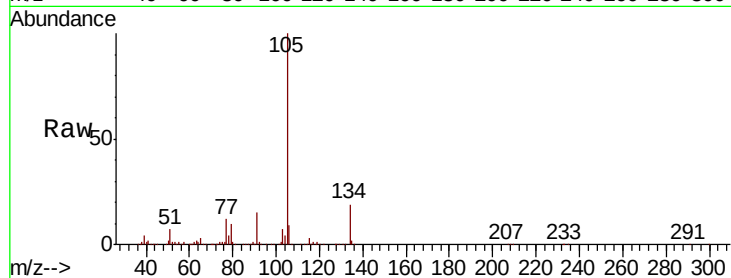
VF0925SBS01

Tgt Ion:105 Resp: 449490

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 21.384 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

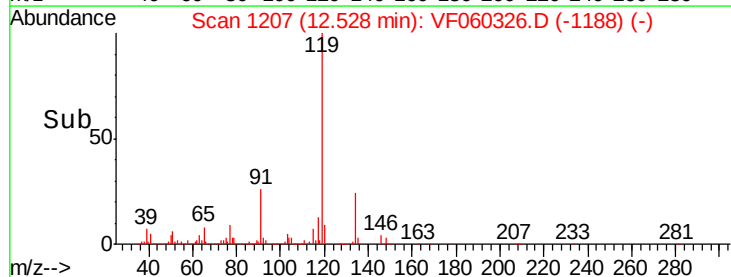
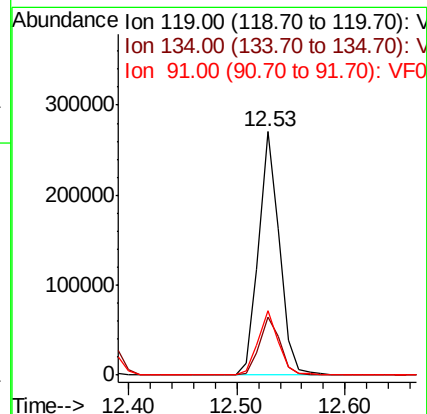
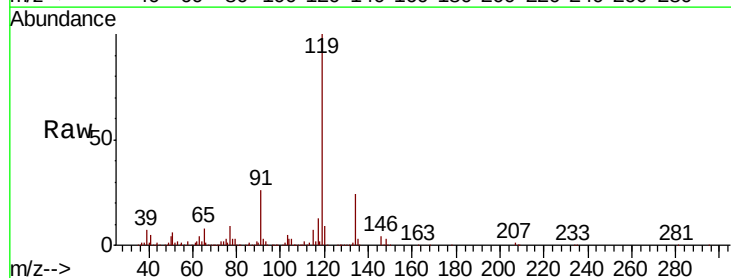
Tgt Ion:119 Resp: 363503

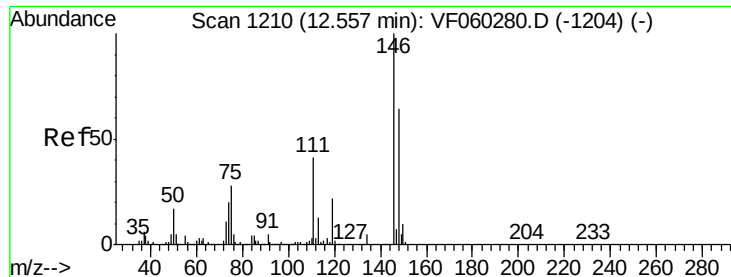
Ion Ratio Lower Upper

119 100

134 23.9 12.9 38.7

91 26.2 11.9 35.7

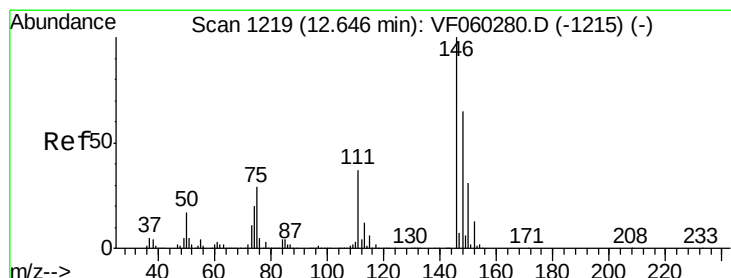
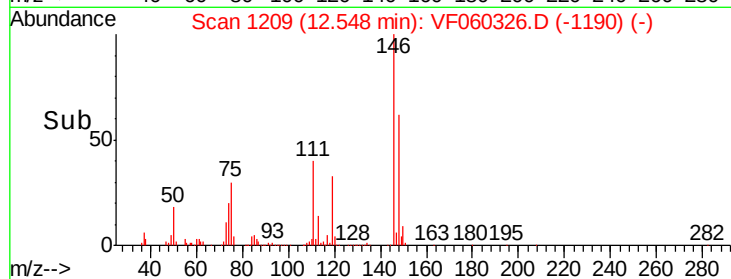
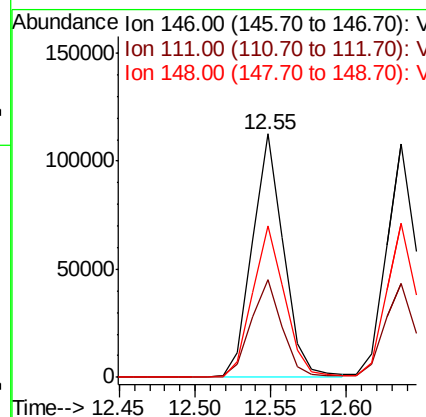
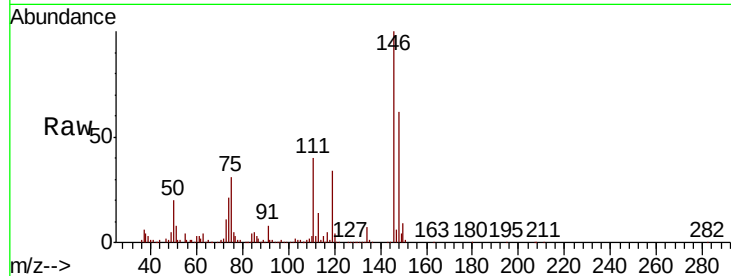




#87
 1,3-Dichlorobenzene
 Concen: 21.977 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

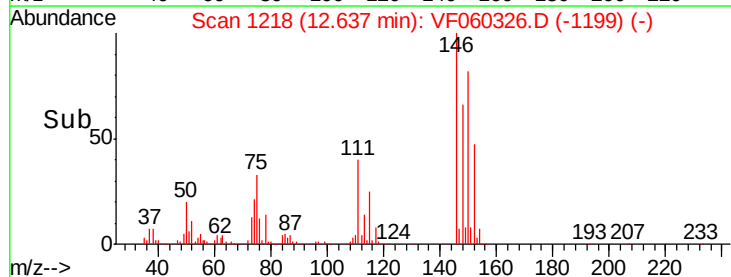
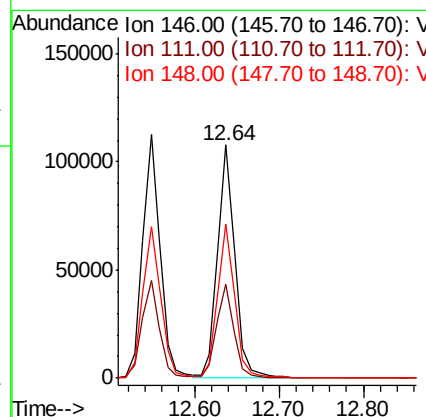
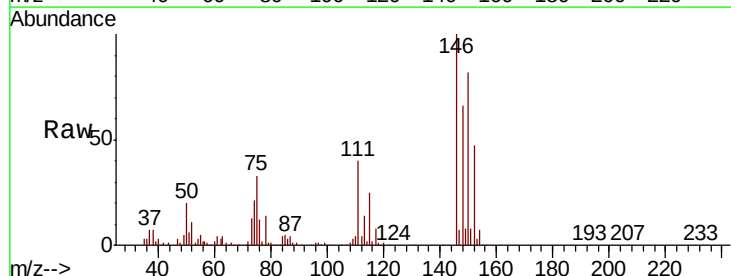
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

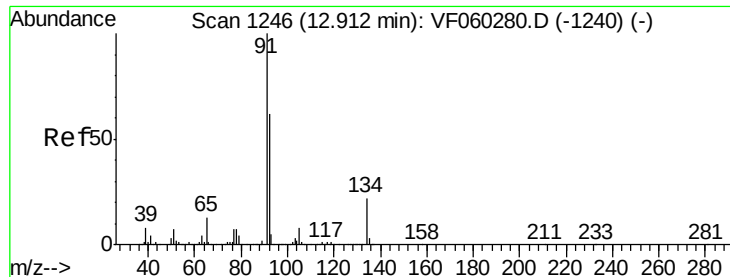
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.6
148	62.1	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 21.173 ug/l
 RT: 12.64 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.7	56.1
148	65.9	32.4	97.0





#89

n-Butylbenzene

Concen: 21.460 ug/l

RT: 12.91 min Scan# 1246

Delta R.T. 0.00 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

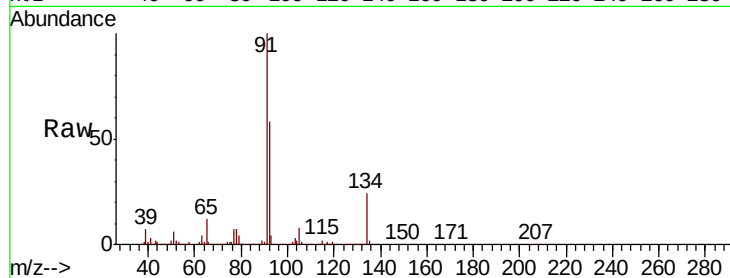
Tgt Ion: 91 Resp: 391908

Ion Ratio Lower Upper

91 100

92 57.6 31.1 93.5

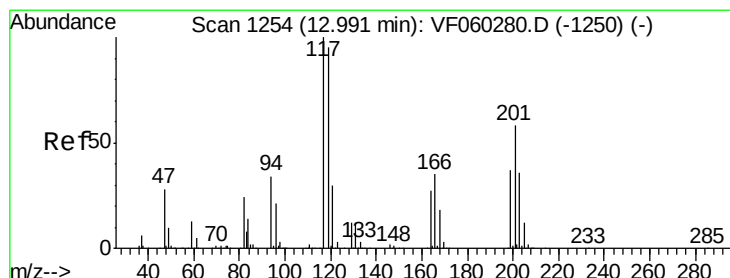
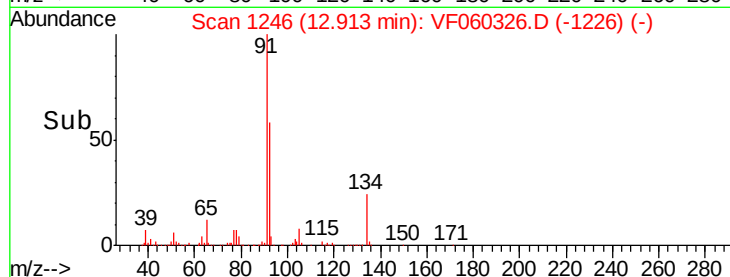
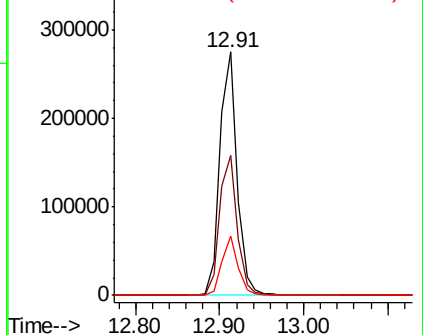
134 24.3 11.0 33.0



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: 21.863 ug/l

RT: 12.98 min Scan# 1253

Delta R.T. -0.01 min

Lab File: VF060326.D

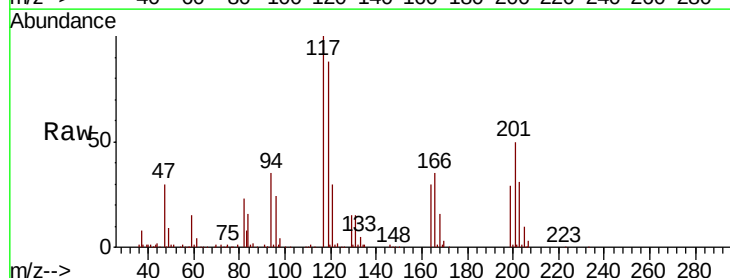
Acq: 25 Sep 2018 15:53

Tgt Ion: 117 Resp: 92222

Ion Ratio Lower Upper

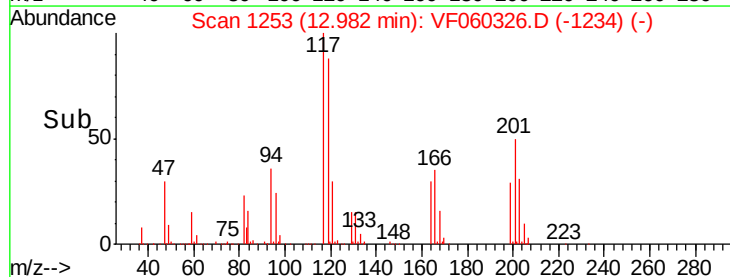
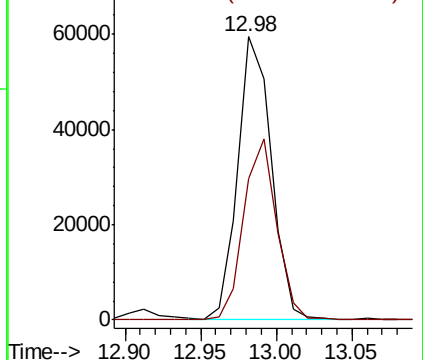
117 100

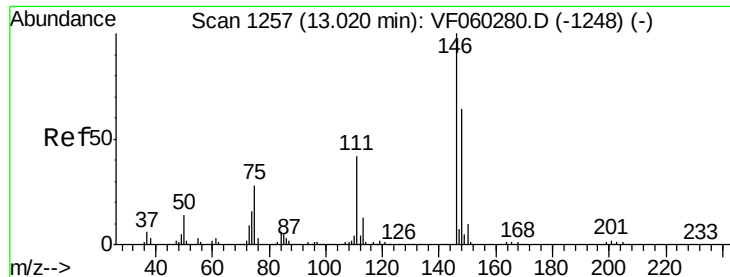
201 49.7 29.0 87.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

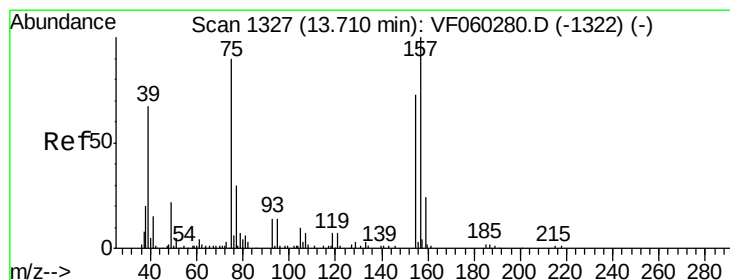
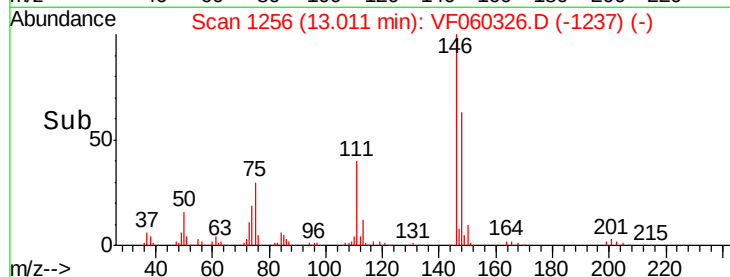
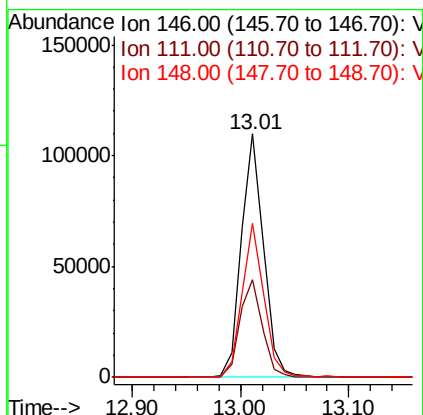
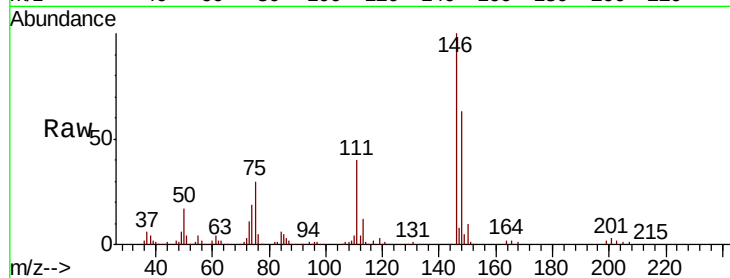




#91
 1,2-Dichlorobenzene
 Concen: 22.166 ug/l
 RT: 13.01 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

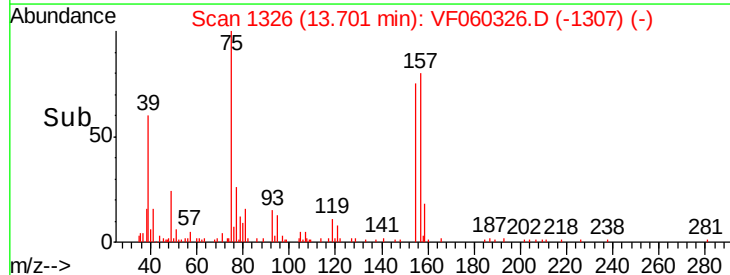
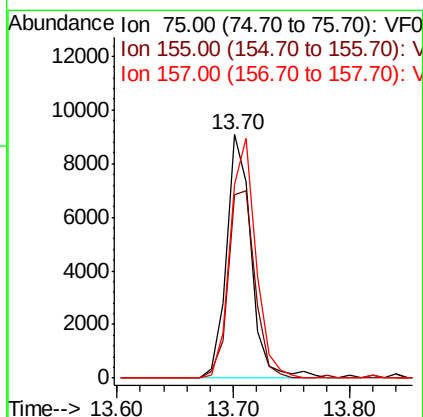
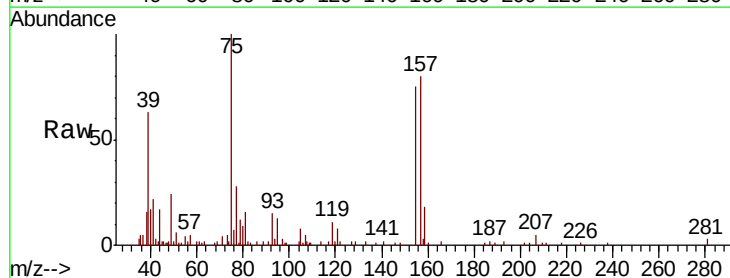
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

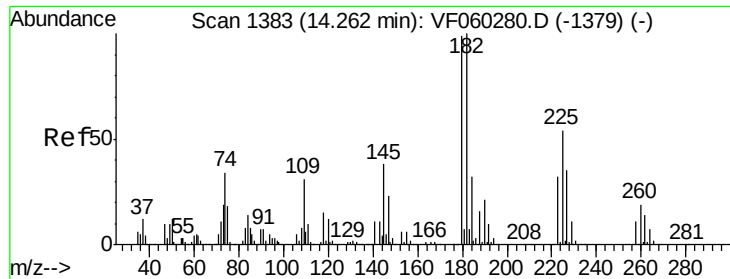
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.9	62.8
148	63.0	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.662 ug/l
 RT: 13.70 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.2	41.9	125.7
157	79.6	57.4	172.0

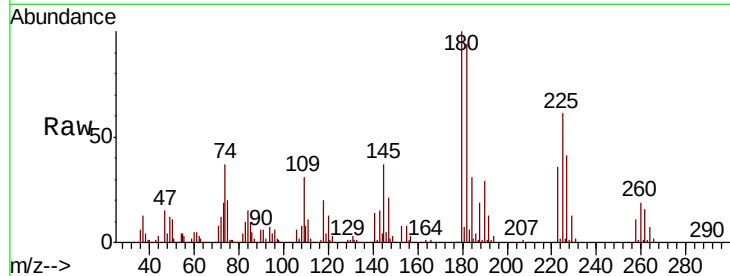




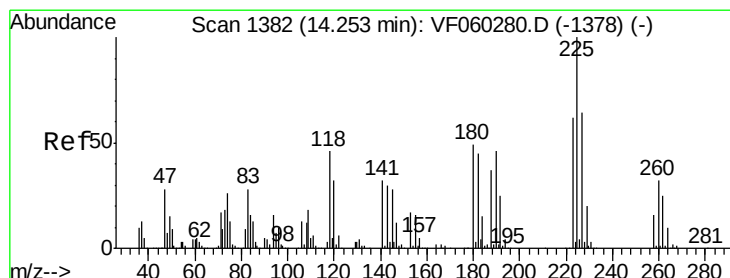
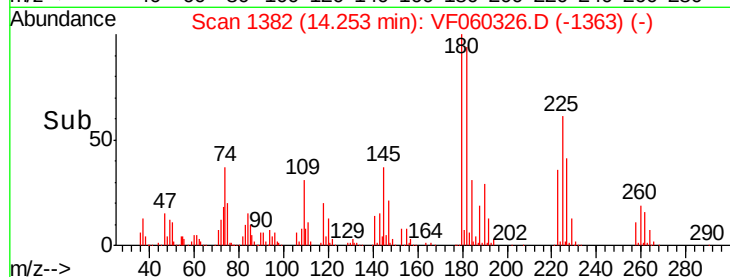
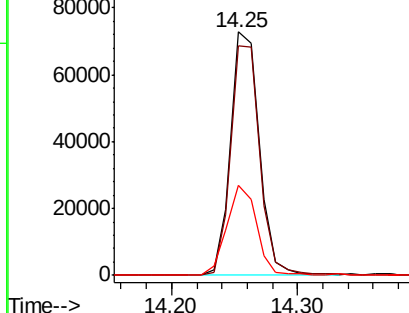
#93
 1,2,4-Trichlorobenzene
 Concen: 22.236 ug/l
 RT: 14.25 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBS01

Tgt Ion:180 Resp: 114700
 Ion Ratio Lower Upper
 180 100
 182 94.3 50.3 151.0
 145 37.2 18.9 56.9

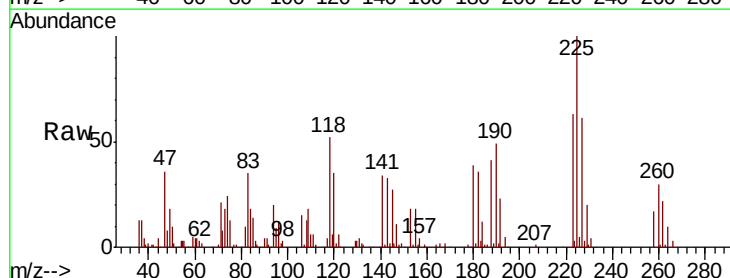


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

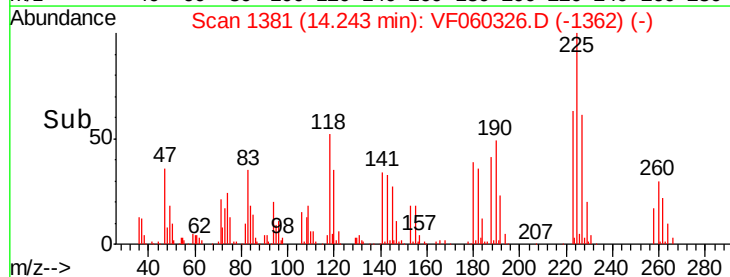
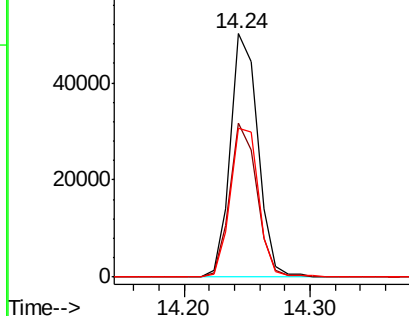


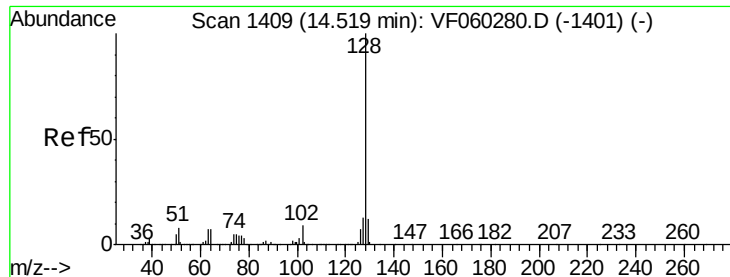
#94
 Hexachlorobutadiene
 Concen: 21.657 ug/l
 RT: 14.24 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VF060326.D
 Acq: 25 Sep 2018 15:53

Tgt Ion:225 Resp: 75517
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.2 93.6
 227 61.2 32.2 96.6



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: 19.878 ug/l

RT: 14.51 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

Instrument :

MSVOA_F

ClientSampleId :

VF0925SBS01

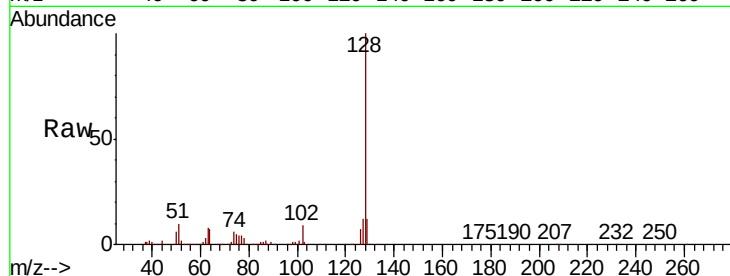
Tgt Ion:128 Resp: 179773

Ion Ratio Lower Upper

128 100

127 12.1 10.1 15.1

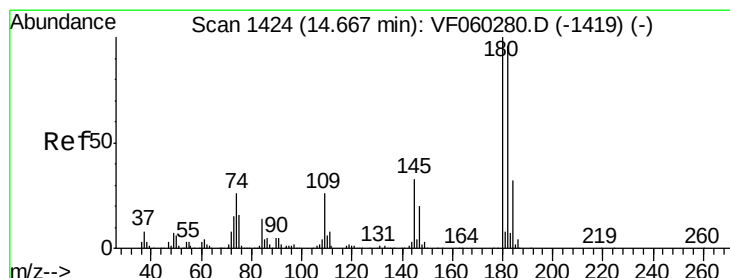
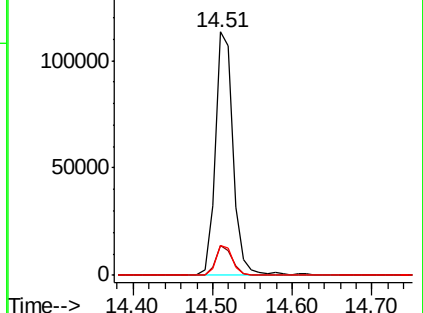
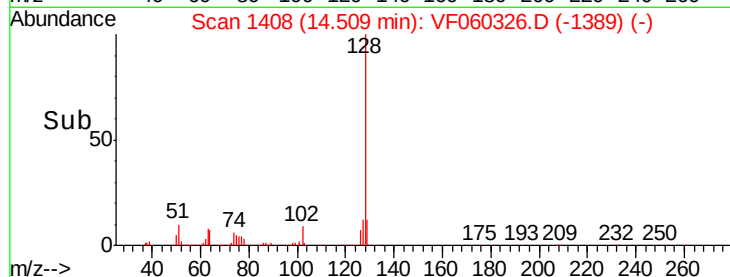
129 12.4 9.8 14.8



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



#96

1,2,3-Trichlorobenzene

Concen: 22.003 ug/l

RT: 14.66 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VF060326.D

Acq: 25 Sep 2018 15:53

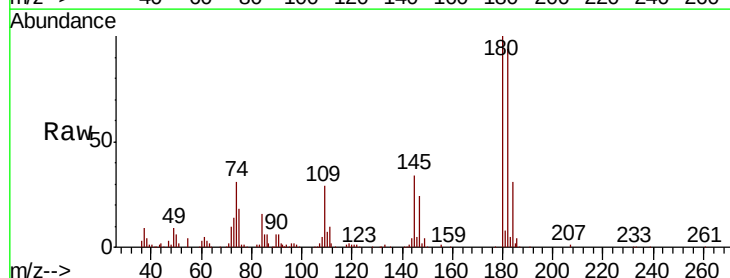
Tgt Ion:180 Resp: 104877

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.4

145 33.9 16.4 49.1



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

