

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF091918\
 Data File : VF060293.D
 Acq On : 19 Sep 2018 21:50
 Operator : VA/AP
 Sample : J4778-01RE
 Misc : 7.12/5mL/MSVOA_F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SA-01-091918RE

Quant Time: Sep 20 04:17:14 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	5.13	168	137	50.00	ug/l	0.09
34) 1,4-Difluorobenzene	5.95	114	72	50.00	ug/l	0.19
63) Chlorobenzene-d5	10.29	117	63	50.00	ug/l	0.38
72) 1,4-Dichlorobenzene-d4	12.65	152	61	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.15	65	63	34.15	ug/l	0.14
Spiked Amount	50.000		Recovery	=	68.30%	
35) Dibromofluoromethane	4.48	113	141	219.69	ug/l	0.19
Spiked Amount	50.000		Recovery	=	439.38%	
50) Toluene-d8	7.98	98	60	35.90	ug/l	0.27
Spiked Amount	50.000		Recovery	=	71.80%	
62) 4-Bromofluorobenzene	11.91	95	60	83.04	ug/l	0.41
Spiked Amount	50.000		Recovery	=	166.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	80	37.402	ug/l #	40
3) Chloromethane	1.18	50	129	69.097	ug/l #	42
4) Vinyl Chloride	1.25	62	72	37.842	ug/l #	43
5) Bromomethane	1.24	94	75	73.127	ug/l	84
6) Chloroethane	1.51	64	99	109.254	ug/l #	42
8) Diethyl Ether	1.66	74	178	301.825	ug/l	92
10) Methyl Iodide	1.99	142	60	19.737	ug/l #	36
11) Tert butyl alcohol	2.76	59	72	731.531	ug/l #	1
12) 1,1-Dichloroethene	1.87	96	179	114.814	ug/l #	1
13) Acrolein	2.11	56	626	5357.628	ug/l	87
14) Allyl chloride	2.26	41	493	181.210	ug/l #	49
15) Acrylonitrile	3.10	53	132	506.638	ug/l #	14
16) Acetone	2.20	43	1089	2096.161	ug/l	98
17) Carbon Disulfide	1.96	76	74	13.935	ug/l #	70
18) Methyl Acetate	2.54	43	1290	1490.507	ug/l #	62
19) Methyl tert-butyl Ether	2.56	73	263	67.668	ug/l #	14
20) Methylene Chloride	2.26	84	251	201.378	ug/l #	23
21) trans-1,2-Dichloroethene	2.43	96	195	121.101	ug/l #	1
22) Diisopropyl ether	2.95	45	276	53.769	ug/l #	18
23) Vinyl Acetate	3.38	43	878	435.511	ug/l #	79
24) 1,1-Dichloroethane	3.05	63	62	18.624	ug/l #	89
25) 2-Butanone	4.57	43	441	630.656	ug/l	93
26) 2,2-Dichloropropane	3.80	77	224	117.929	ug/l #	58
27) cis-1,2-Dichloroethene	3.69	96	179	84.617	ug/l	1
28) Bromochloromethane	3.80	49	131	101.074	ug/l #	8
29) Tetrahydrofuran	4.33	42	418	1632.328	ug/l #	61
30) Chloroform	4.17	83	231	57.509	ug/l #	15
31) Cyclohexane	3.90	56	267	94.954	ug/l #	15
32) 1,1,1-Trichloroethane	4.39	97	219	69.097	ug/l #	21
36) 1,1-Dichloropropene	4.56	75	66	73.489	ug/l #	1
37) Ethyl Acetate	4.45	43	370	973.657	ug/l #	1
38) Carbon Tetrachloride	4.23	117	98	101.591	ug/l #	14
39) Methylcyclohexane	5.81	83	64	65.751	ug/l #	1
40) Benzene	4.95	78	177	86.917	ug/l #	1

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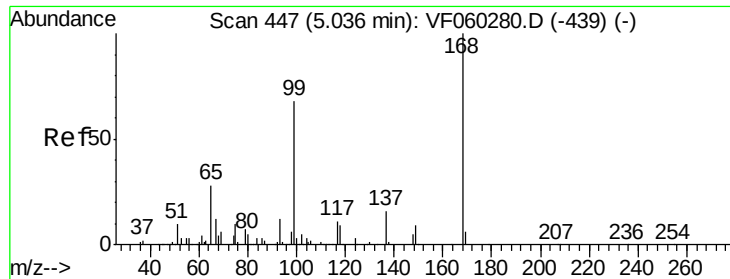
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Methacrylonitrile	5.09	41	583	2827.326	ug/l #	49
42) 1,2-Dichloroethane	5.35	62	110	146.753	ug/l	79
43) Isopropyl Acetate	7.32	43	160	349.741	ug/l #	48
45) 1,2-Dichloropropane	6.54	63	109	206.816	ug/l #	42
46) Dibromomethane	6.46	93	147	390.201	ug/l #	5
47) Bromodichloromethane	6.74	83	203	224.227	ug/l #	26
48) Methyl methacrylate	7.08	41	512	1594.328	ug/l #	56
49) 1,4-Dioxane	7.12	88	94	32763.639	ug/l #	6
51) 4-Methyl-2-Pentanone	8.66	43	284	805.448	ug/l #	35
52) Toluene	8.08	92	67	52.006	ug/l #	1
53) t-1,3-Dichloropropene	8.72	75	59	80.793	ug/l #	42
54) cis-1,3-Dichloropropene	7.71	75	88	95.655	ug/l #	1
55) 1,1,2-Trichloroethane	8.96	97	181	462.904	ug/l #	17
56) Ethyl methacrylate	9.02	69	137	290.110	ug/l #	64
57) 1,3-Dichloropropane	9.26	76	60	92.675	ug/l #	40
58) 2-Chloroethyl Vinyl ether	8.01	63	190	4551.229	ug/l	100
59) 2-Hexanone	10.05	43	128	509.852	ug/l	77
60) Dibromochloromethane	9.22	129	67	114.966	ug/l #	13
61) 1,2-Dibromoethane	9.41	107	99	227.369	ug/l #	4
64) Tetrachloroethene	8.32	164	117	204.864	ug/l #	1
65) Chlorobenzene	9.82	112	60	42.021	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.09	131	73	123.195	ug/l #	6
67) Ethyl Benzene	10.02	91	66	25.000	ug/l #	46
70) Styrene	10.85	104	62	42.973	ug/l #	31
73) Isopropylbenzene	11.32	105	60	10.957	ug/l #	51
74) N-amyl acetate	11.47	43	380	325.410	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.79	83	163	167.956	ug/l #	27
76) 1,2,3-Trichloropropane	11.96	75	63	90.662	ug/l #	1
77) Bromobenzene	11.42	156	66	55.924	ug/l #	1
78) n-propylbenzene	11.71	91	122	17.117	ug/l #	57
79) 2-Chlorotoluene	11.80	91	261	70.656	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.87	105	75	17.014	ug/l #	53
81) trans-1,4-Dichloro-2-buten	11.96	75	63	171.555	ug/l #	51
82) 4-Chlorotoluene	11.96	91	240	64.641	ug/l #	17
83) tert-Butylbenzene	12.19	119	75	16.784	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.20	105	69	15.415	ug/l #	31
85) sec-Butylbenzene	12.48	105	207	37.733	ug/l #	58
86) p-Isopropyltoluene	12.55	119	59	7.448	ug/l #	1
87) 1,3-Dichlorobenzene	12.56	146	70	31.741	ug/l #	51
88) 1,4-Dichlorobenzene	12.71	146	73	33.490	ug/l #	1
89) n-Butylbenzene	12.91	91	83	13.835	ug/l #	28
91) 1,2-Dichlorobenzene	13.02	146	63	29.947	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.69	75	169	927.492	ug/l #	26
94) Hexachlorobutadiene	14.36	225	87	84.166	ug/l #	19
95) Naphthalene	14.50	128	322	120.110	ug/l #	68
96) 1,2,3-Trichlorobenzene	14.51	180	69	48.835	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.13 min Scan# 456

Delta R.T. 0.09 min

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ClientSampleId :

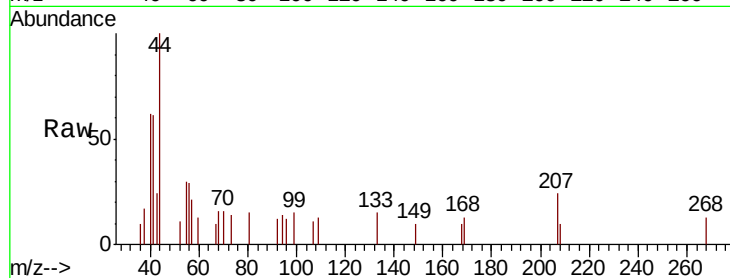
SA-01-091918RE

Tgt Ion:168 Resp: 137

Ion Ratio Lower Upper

168 100

99 66.4 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.13

250

200

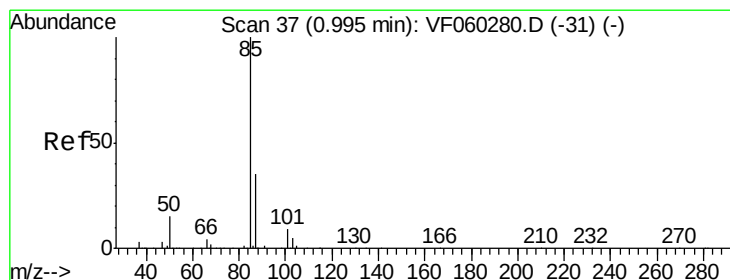
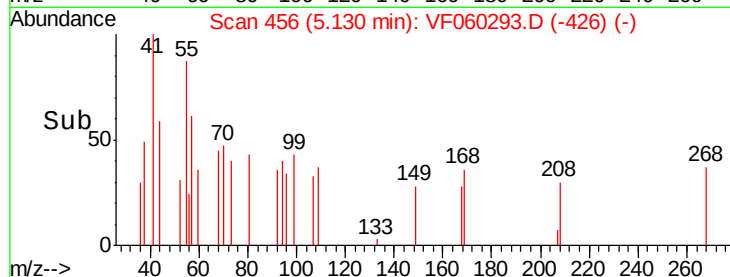
150

100

50

0

Time-->



#2

Dichlorodifluoromethane

Concen: 37.402 ug/l

RT: 0.99 min Scan# 36

Delta R.T. -0.00 min

Lab File: VF060293.D

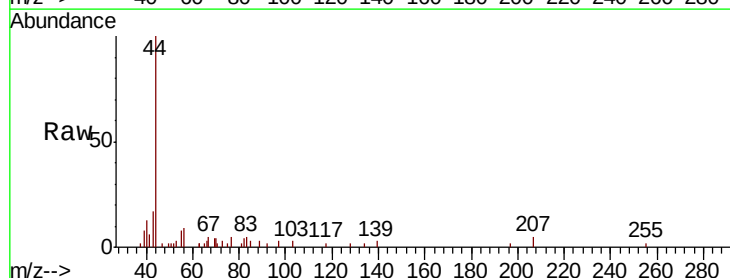
Acq: 19 Sep 2018 21:50

Tgt Ion: 85 Resp: 80

Ion Ratio Lower Upper

85 100

87 0.0 17.3 52.0#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

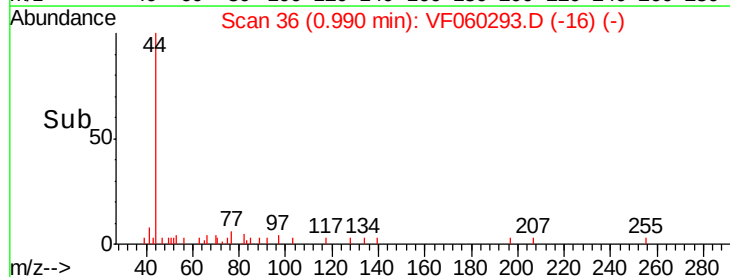
150

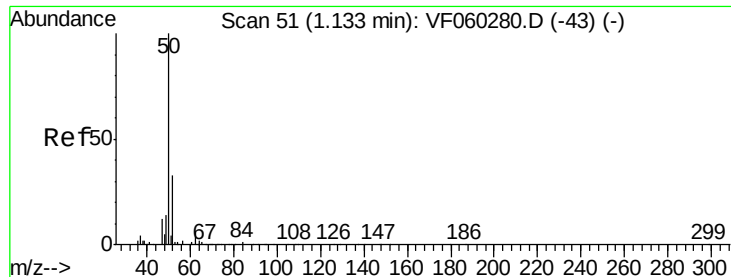
100

50

0

Time-->





#3

Chloromethane

Concen: 69.097 ug/l

RT: 1.18 min Scan# 55

Delta R.T. 0.04 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

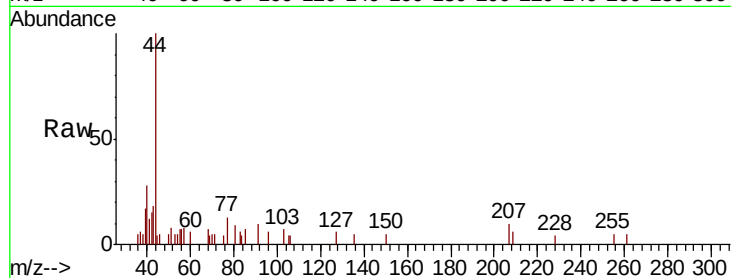
SA-01-091918RE

Tgt Ion: 50 Resp: 129

Ion Ratio Lower Upper

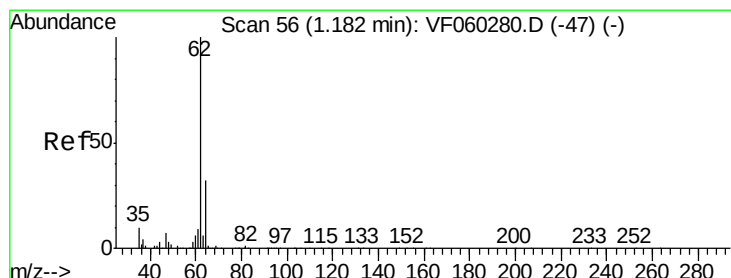
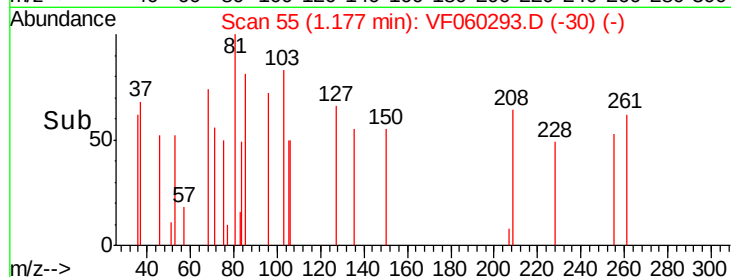
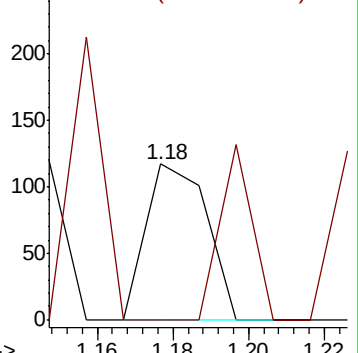
50 100

52 0.0 26.5 39.7#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 37.842 ug/l

RT: 1.25 min Scan# 62

Delta R.T. 0.06 min

Lab File: VF060293.D

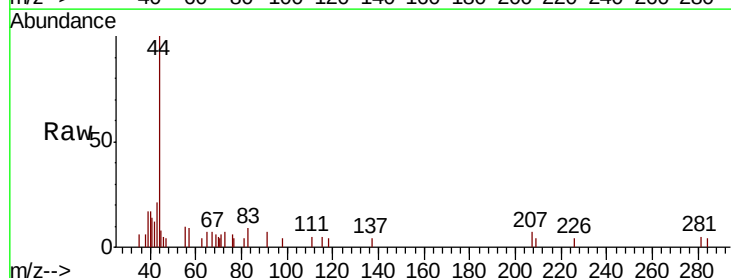
Acq: 19 Sep 2018 21:50

Tgt Ion: 62 Resp: 72

Ion Ratio Lower Upper

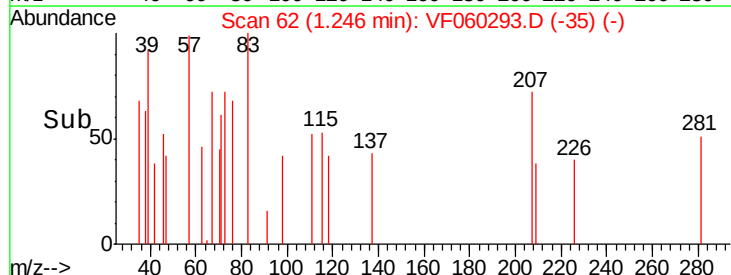
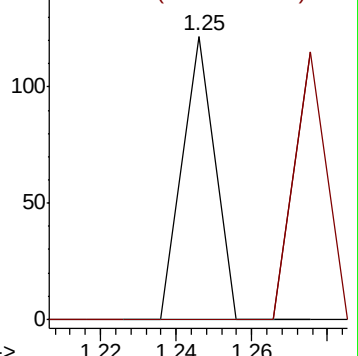
62 100

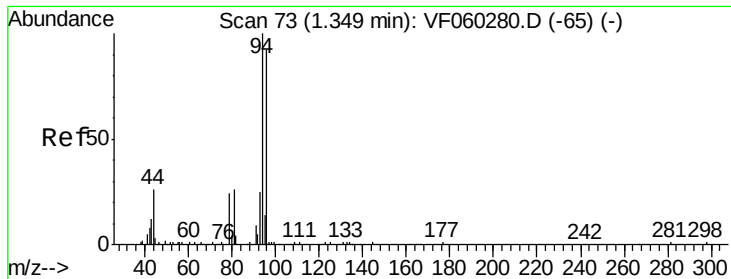
64 0.0 25.2 37.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 73.127 ug/l

RT: 1.24 min Scan# 61

Delta R.T. -0.11 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

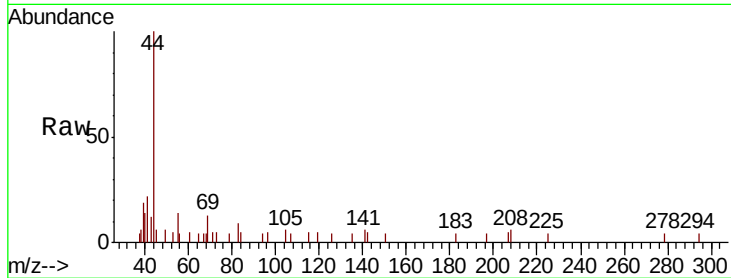
SA-01-091918RE

Tgt Ion: 94 Resp: 75

Ion Ratio Lower Upper

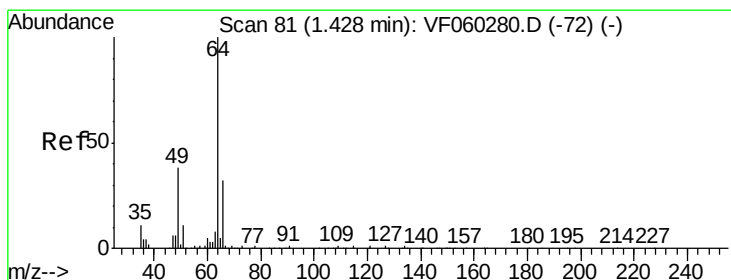
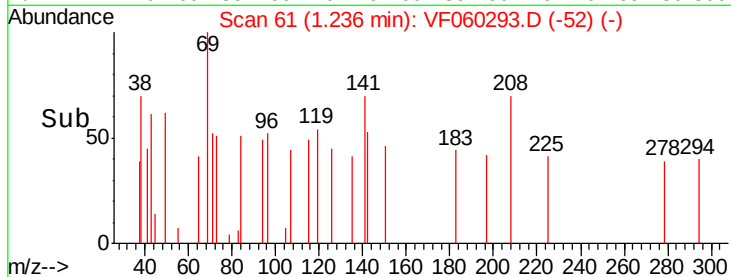
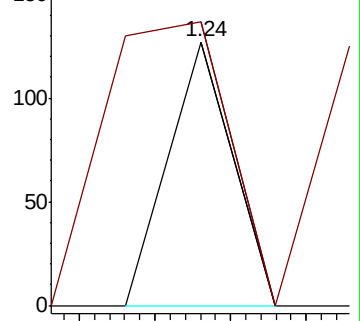
94 100

96 107.9 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 109.254 ug/l

RT: 1.51 min Scan# 89

Delta R.T. 0.08 min

Lab File: VF060293.D

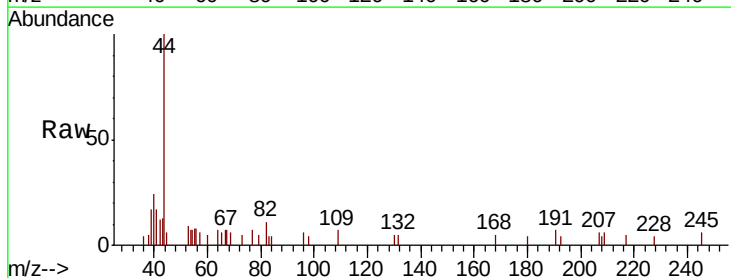
Acq: 19 Sep 2018 21:50

Tgt Ion: 64 Resp: 99

Ion Ratio Lower Upper

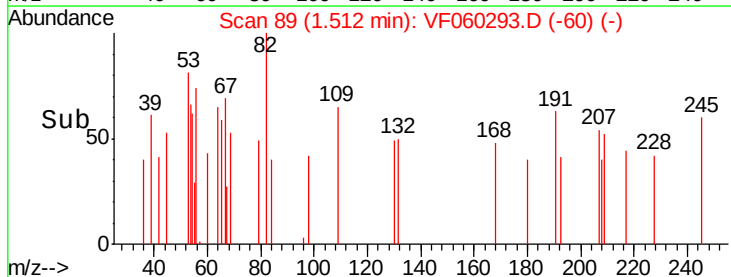
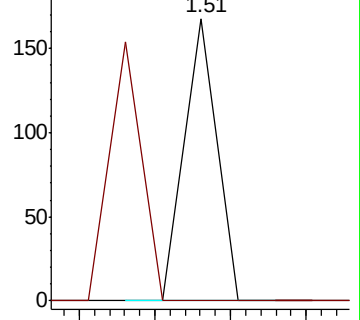
64 100

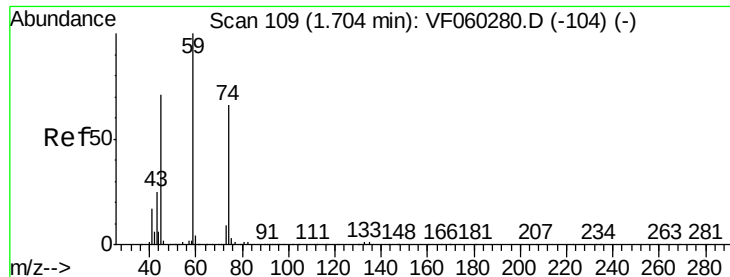
66 0.0 26.2 39.2#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#8

Diethyl Ether

Concen: 301.825 ug/l

RT: 1.66 min Scan# 104

Delta R.T. -0.04 min

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Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

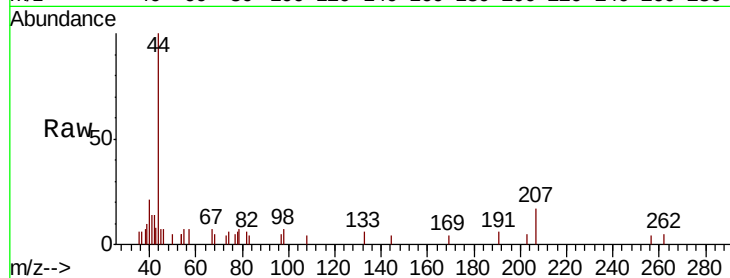
SA-01-091918RE

Tgt Ion: 74 Resp: 178

Ion Ratio Lower Upper

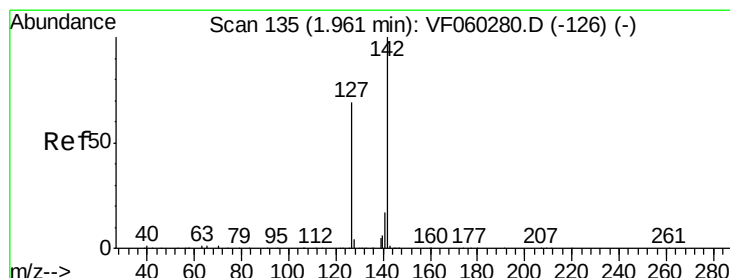
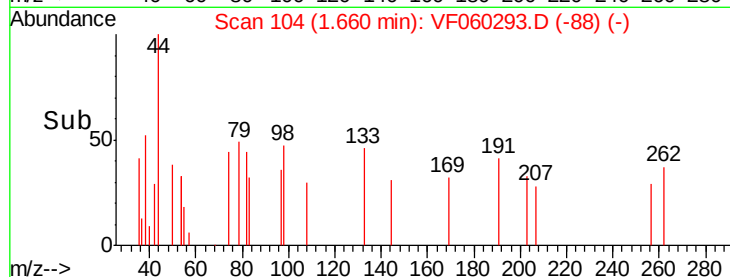
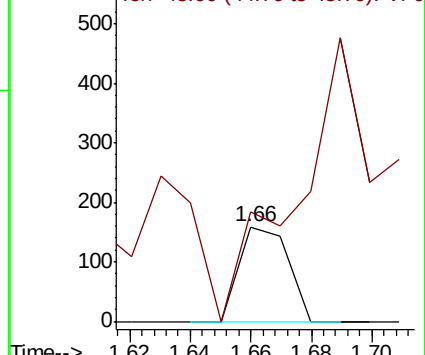
74 100

45 116.4 53.9 161.7



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#10

Methyl Iodide

Concen: 19.737 ug/l

RT: 1.99 min Scan# 137

Delta R.T. 0.02 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

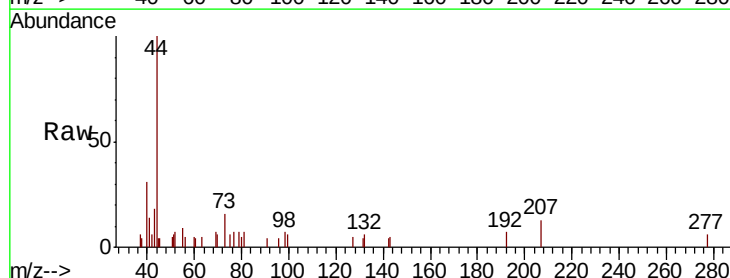
Tgt Ion: 142 Resp: 60

Ion Ratio Lower Upper

142 100

127 126.7 55.4 83.0#

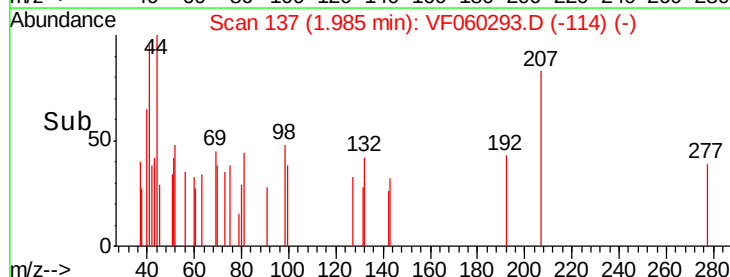
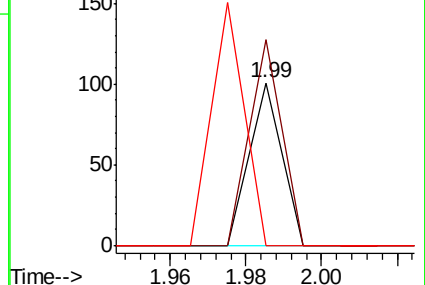
141 0.0 13.3 19.9#

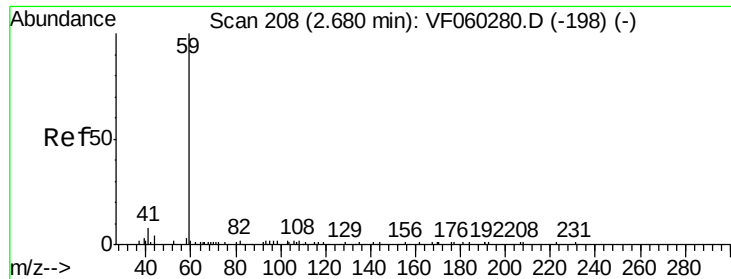


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



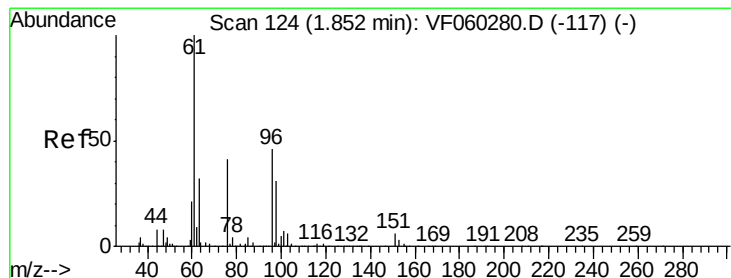
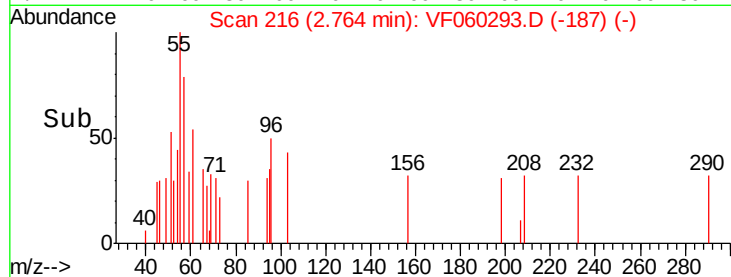
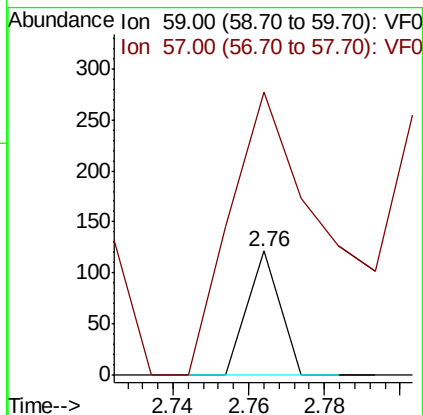
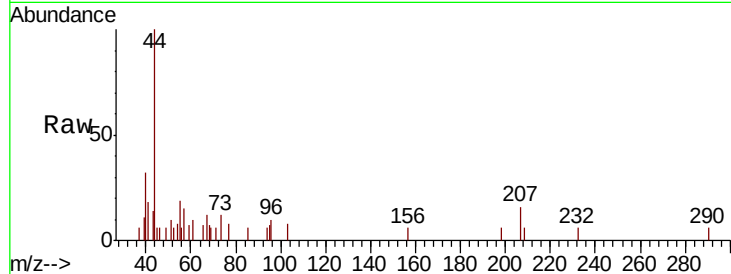


#11

Tert butyl alcohol
 Concen: 731.531 ug/l
 RT: 2.76 min Scan# 216
 Delta R.T. 0.08 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Instrument :
 MSVOA_F
 ClientSampleId :
 SA-01-091918RE

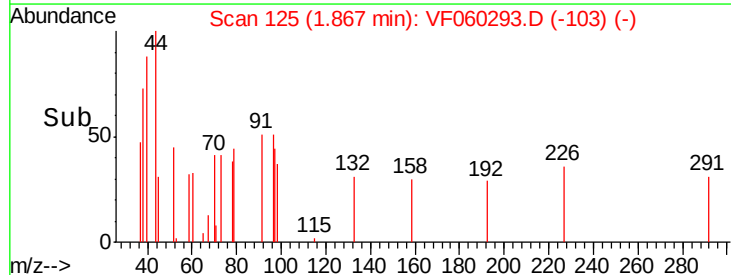
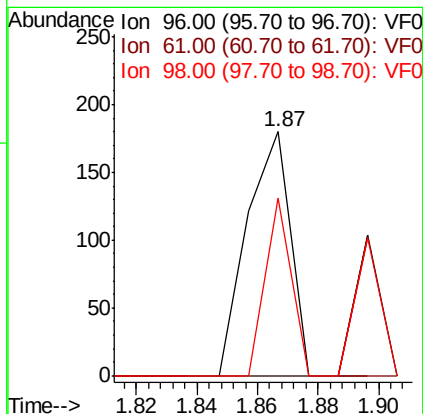
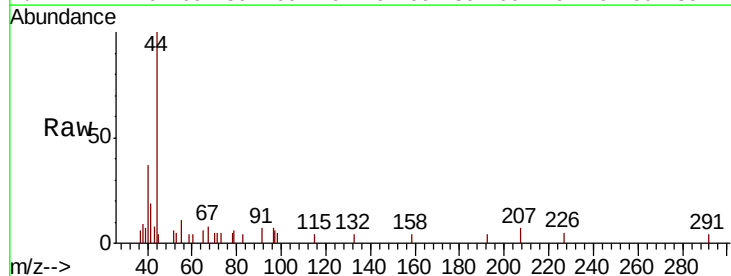
Tgt Ion: 59 Resp: 72
 Ion Ratio Lower Upper
 59 100
 57 229.8 12.4 18.6#

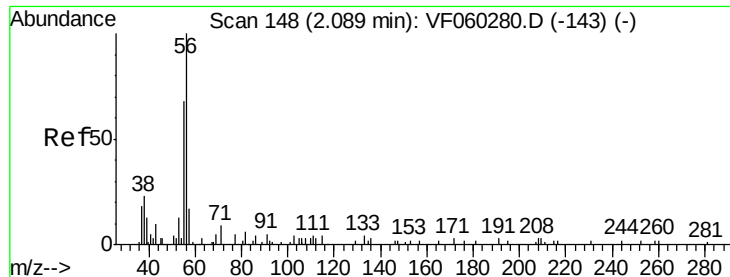


#12

1,1-Dichloroethene
 Concen: 114.814 ug/l
 RT: 1.87 min Scan# 125
 Delta R.T. 0.01 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Tgt Ion: 96 Resp: 179
 Ion Ratio Lower Upper
 96 100
 61 0.0 172.2 258.2#
 98 72.8 54.1 81.1

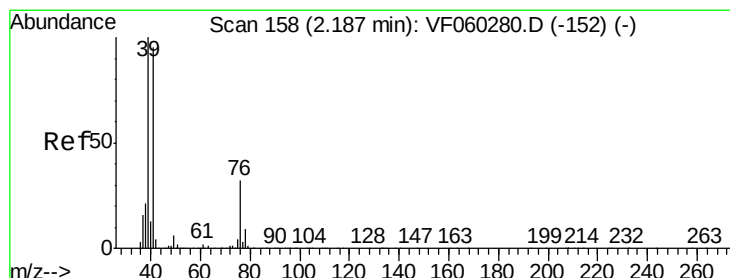
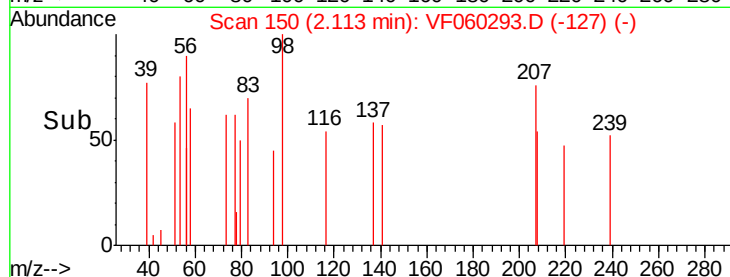
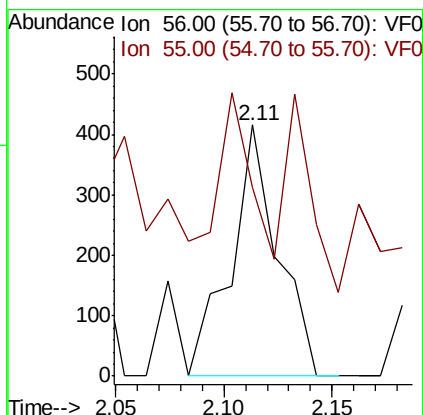
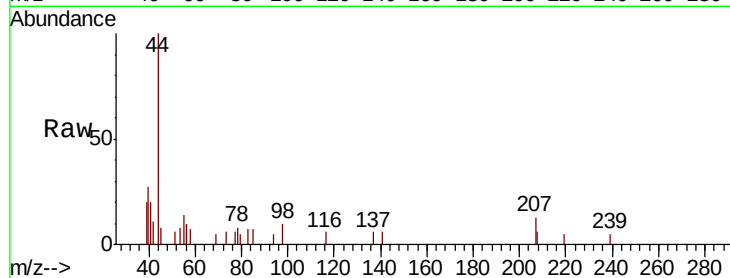




#13
Acrolein
Concen: 5357.628 ug/l
RT: 2.11 min Scan# 150
Delta R.T. 0.03 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

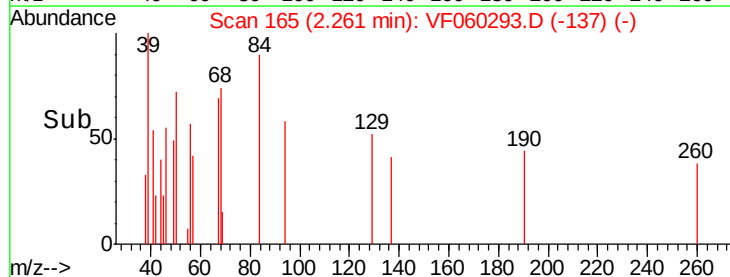
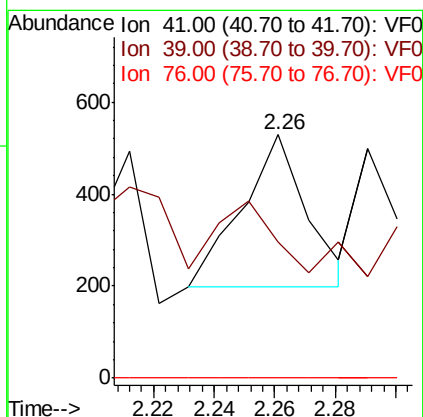
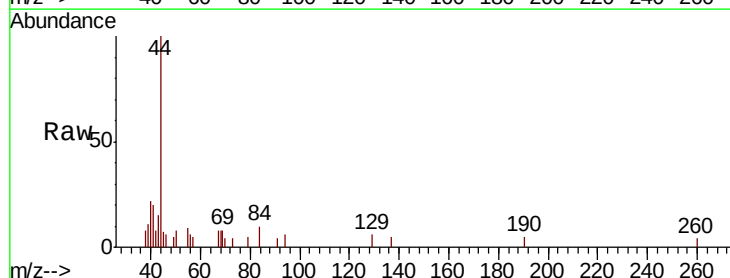
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

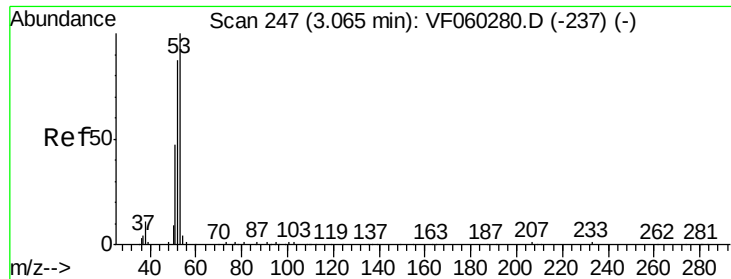
Tgt Ion: 56 Resp: 626
Ion Ratio Lower Upper
56 100
55 75.4 69.9 104.9



#14
Allyl chloride
Concen: 181.210 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.07 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion: 41 Resp: 493
Ion Ratio Lower Upper
41 100
39 55.8 84.8 127.2#
76 0.0 27.4 41.2#

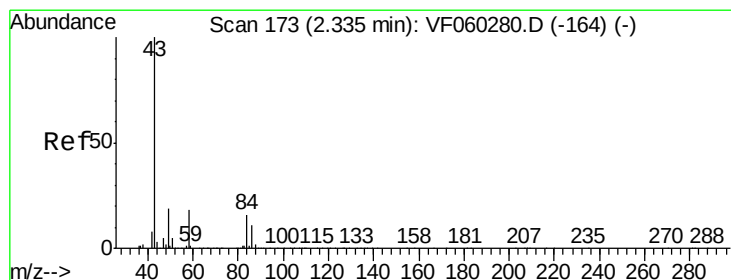
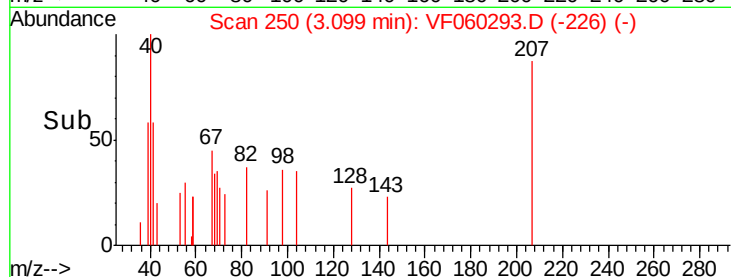
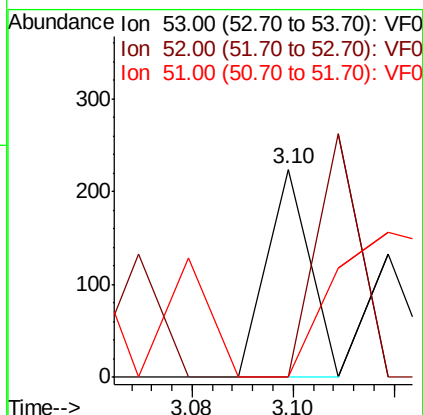
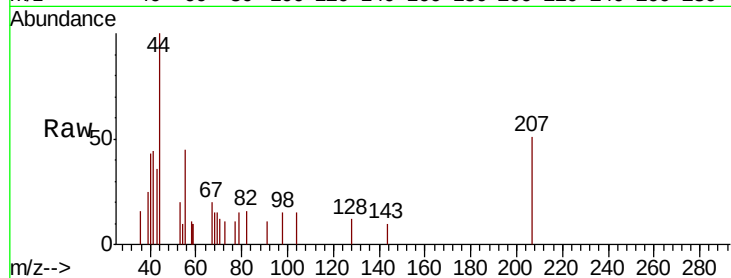




#15
 Acrylonitrile
 Concen: 506.638 ug/l
 RT: 3.10 min Scan# 250
 Delta R.T. 0.03 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

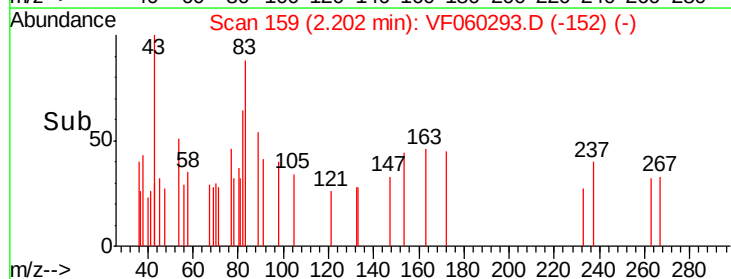
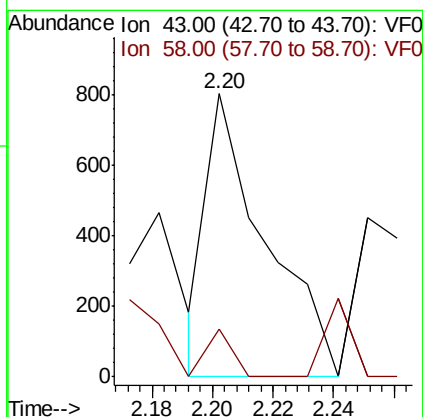
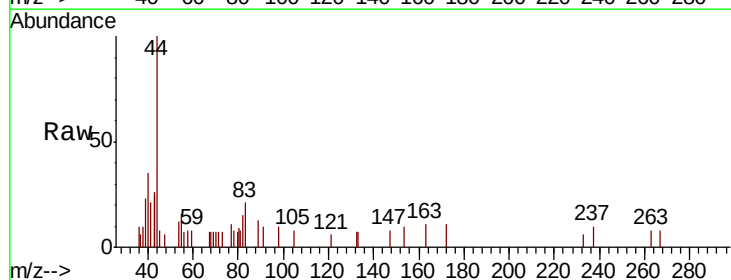
Instrument :
 MSVOA_F
 ClientSampleId :
 SA-01-091918RE

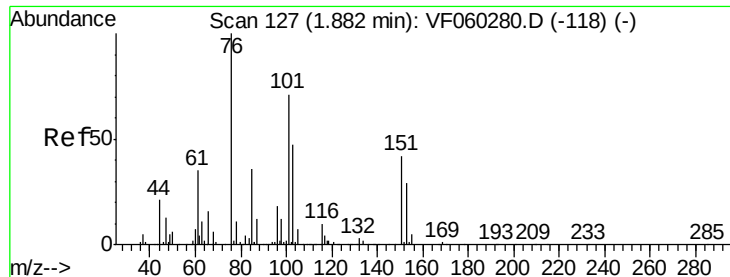
Tgt Ion: 53 Resp: 132
 Ion Ratio Lower Upper
 53 100
 52 0.0 69.5 104.3#
 51 0.0 38.1 57.1#



#16
 Acetone
 Concen: 2096.161 ug/l
 RT: 2.20 min Scan# 159
 Delta R.T. -0.13 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Tgt Ion: 43 Resp: 1089
 Ion Ratio Lower Upper
 43 100
 58 17.1 14.5 21.7

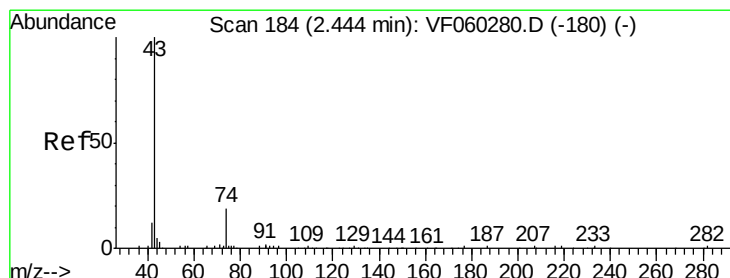
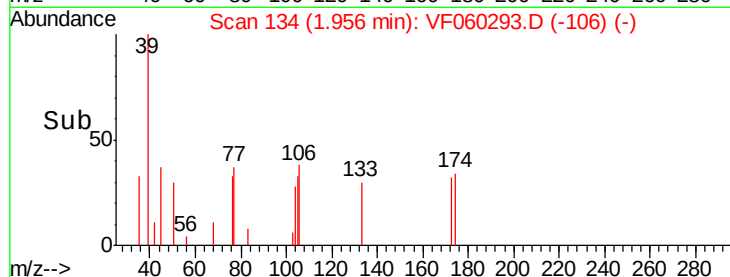
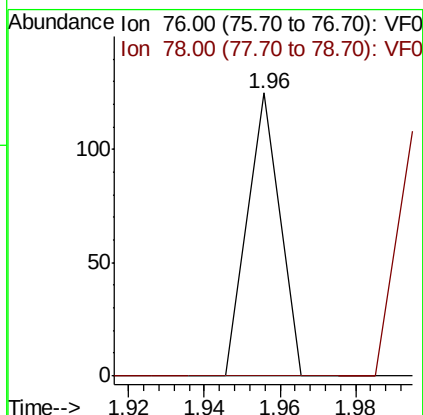
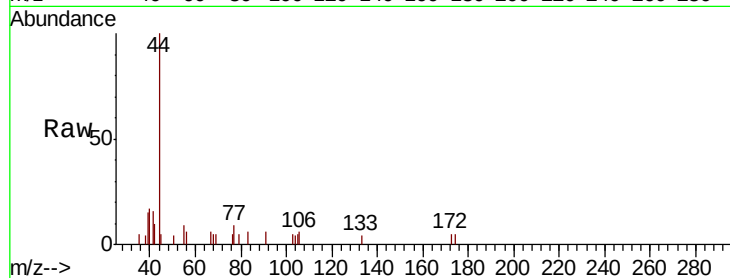




#17
Carbon Disulfide
Concen: 13.935 ug/l
RT: 1.96 min Scan# 134
Delta R.T. 0.07 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

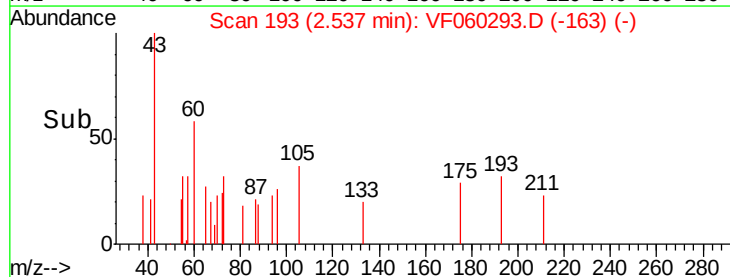
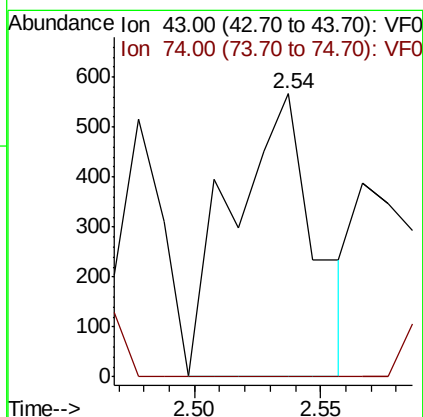
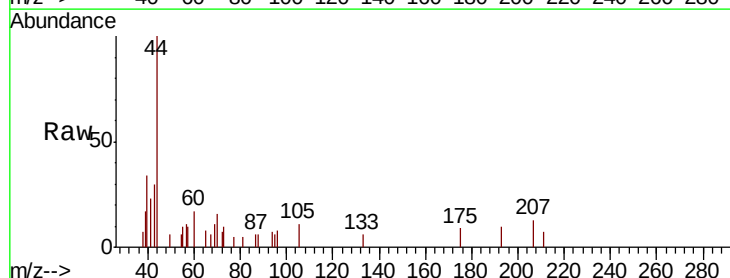
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

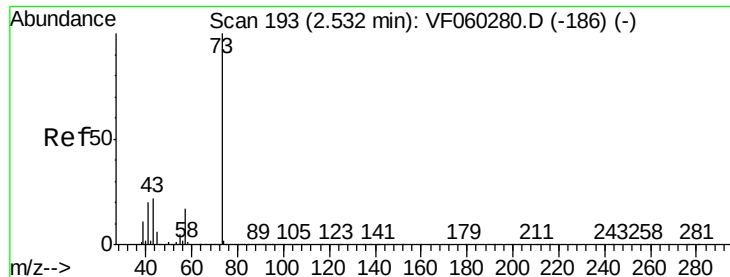
Tgt Ion: 76 Resp: 74
Ion Ratio Lower Upper
76 100
78 0.0 9.4 14.0#



#18
Methyl Acetate
Concen: 1490.507 ug/l
RT: 2.54 min Scan# 193
Delta R.T. 0.09 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
74 0.0 12.7 19.1#



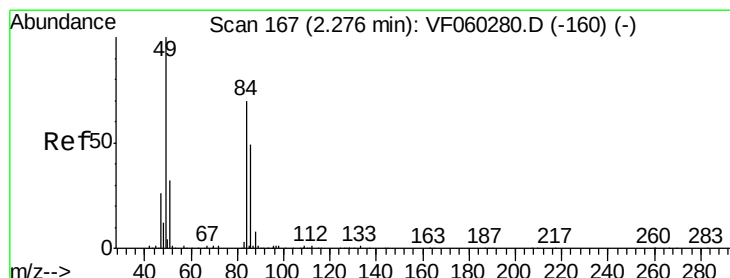
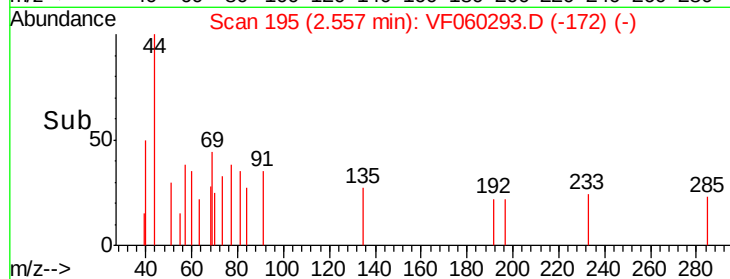
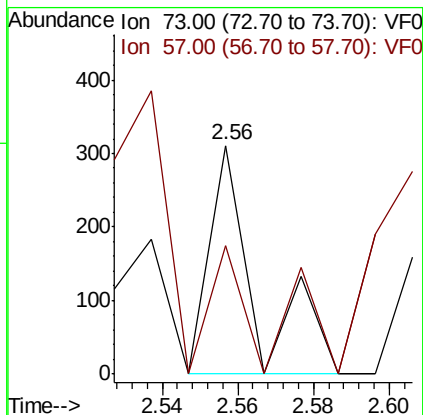
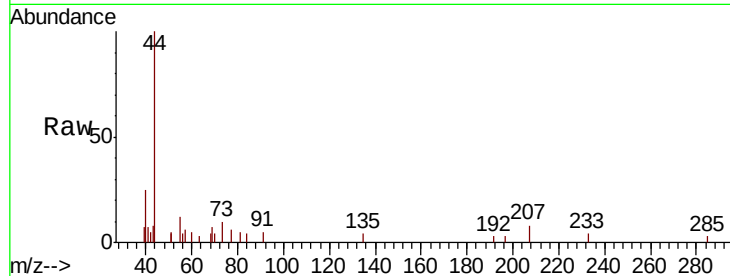


#19

Methyl tert-butyl Ether
 Concen: 67.668 ug/l
 RT: 2.56 min Scan# 195
 Delta R.T. 0.02 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Instrument :
 MSVOA_F
 ClientSampleId :
 SA-01-091918RE

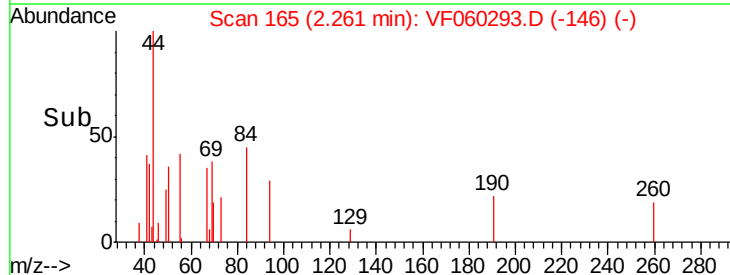
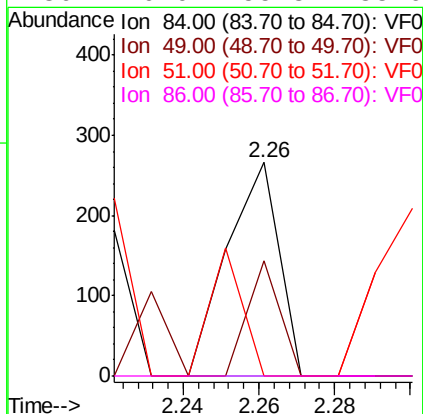
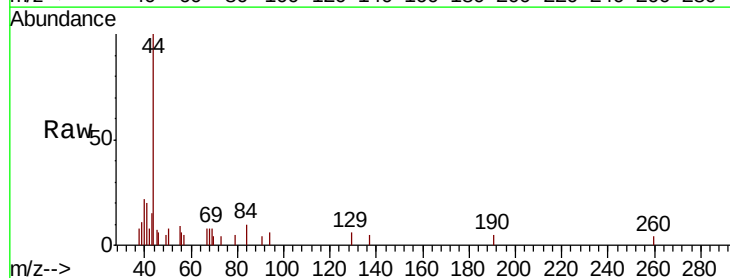
Tgt Ion: 73 Resp: 263
 Ion Ratio Lower Upper
 73 100
 57 56.3 14.5 21.7#

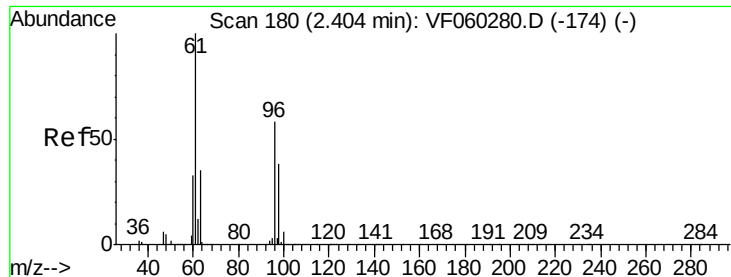


#20

Methylene Chloride
 Concen: 201.378 ug/l
 RT: 2.26 min Scan# 165
 Delta R.T. -0.01 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Tgt Ion: 84 Resp: 251
 Ion Ratio Lower Upper
 84 100
 49 54.1 118.3 177.5#
 51 0.0 38.7 58.1#
 86 0.0 55.8 83.6#





#21

trans-1,2-Dichloroethene

Concen: 121.101 ug/l

RT: 2.43 min Scan# 182

Delta R.T. 0.02 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

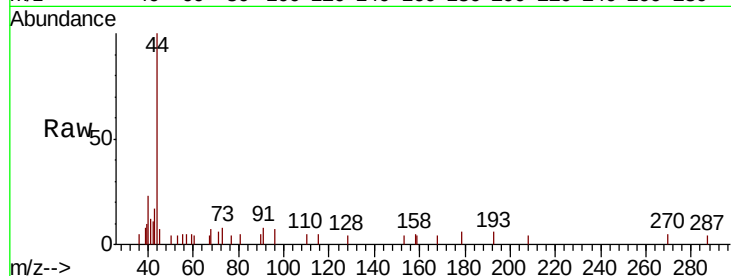
Tgt Ion: 96 Resp: 195

Ion Ratio Lower Upper

96 100

61 0.0 136.4 204.6#

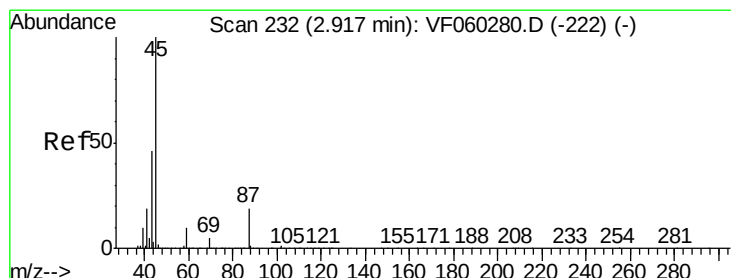
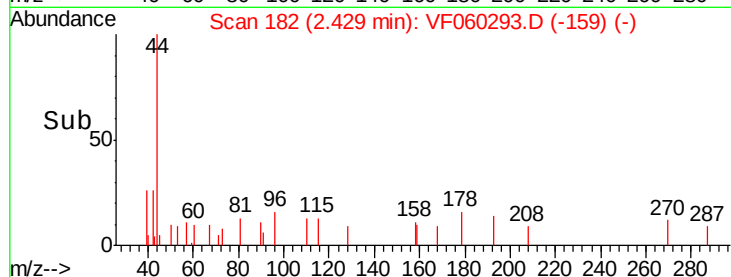
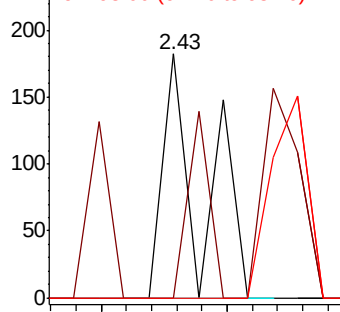
98 0.0 51.8 77.6#



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: 53.769 ug/l

RT: 2.95 min Scan# 235

Delta R.T. 0.03 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Tgt Ion: 45 Resp: 276

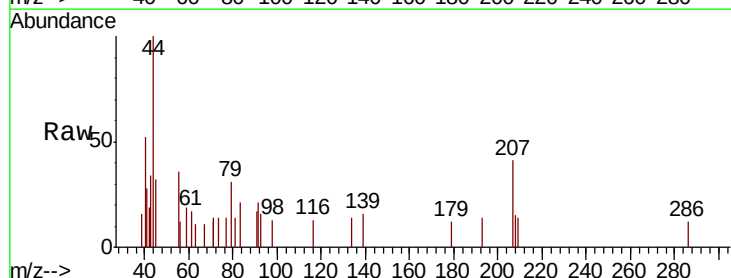
Ion Ratio Lower Upper

45 100

43 106.8 38.2 57.2#

87 0.0 15.5 23.3#

59 58.7 7.7 11.5#

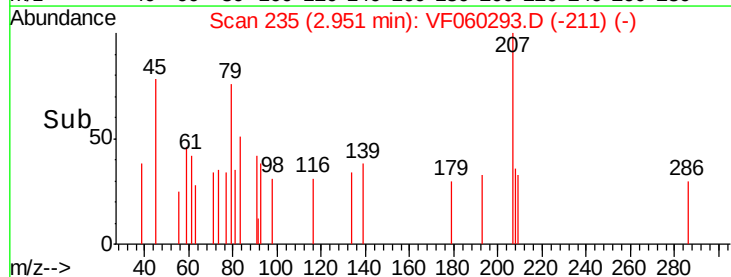
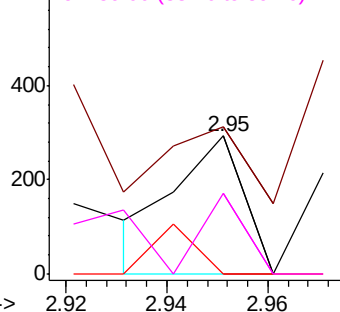


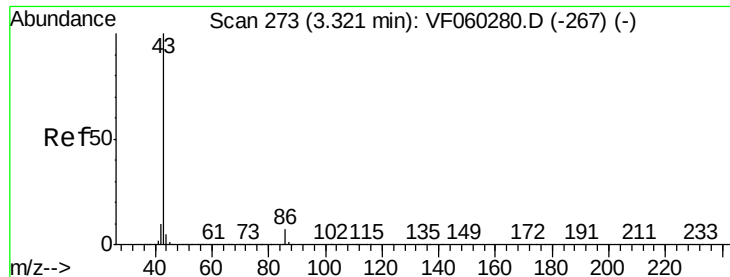
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 435.511 ug/l

RT: 3.38 min Scan# 278

Delta R.T. 0.05 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

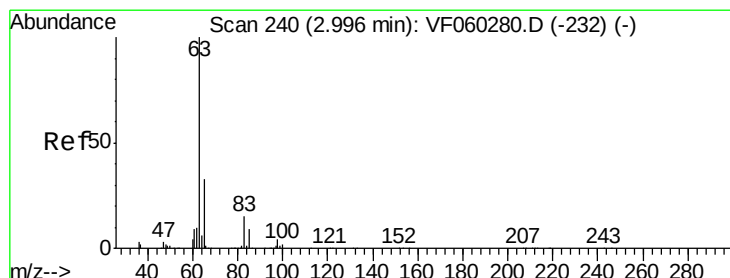
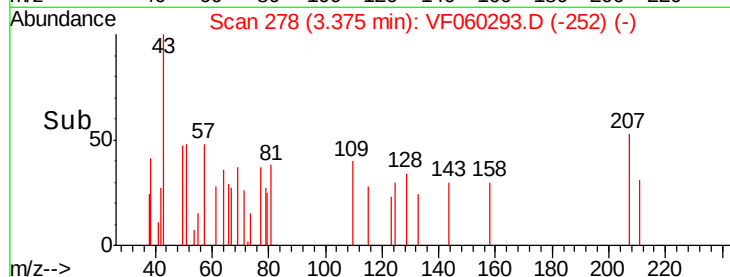
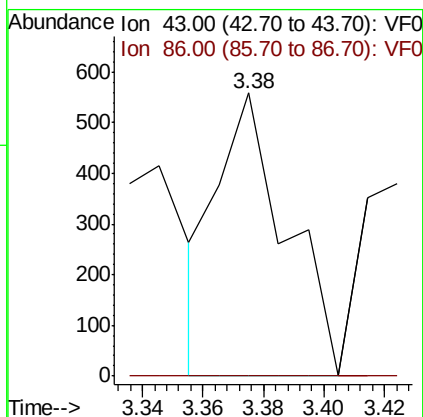
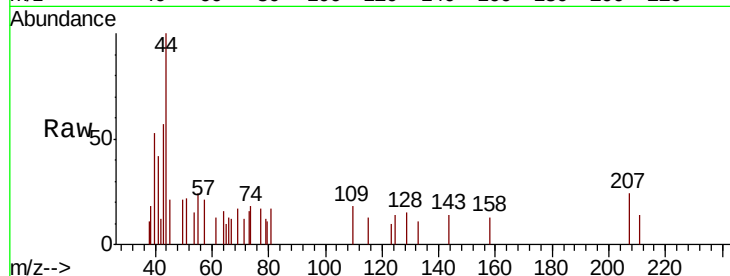
SA-01-091918RE

Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

86 0.0 5.9 8.9#



#24

1,1-Dichloroethane

Concen: 18.624 ug/l

RT: 3.05 min Scan# 245

Delta R.T. 0.05 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

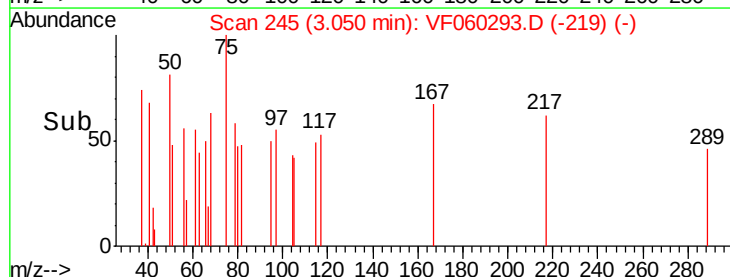
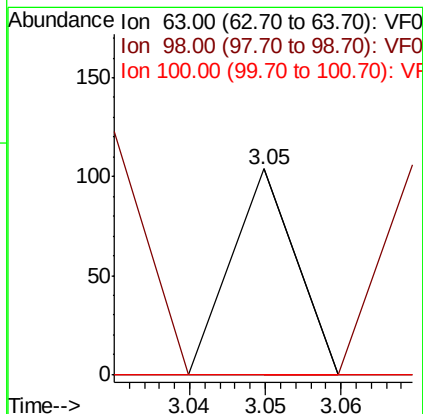
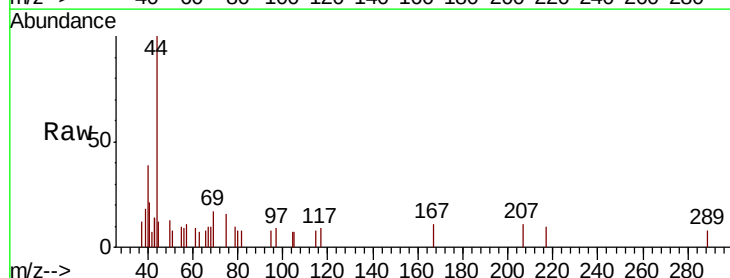
Tgt Ion: 63 Resp: 62

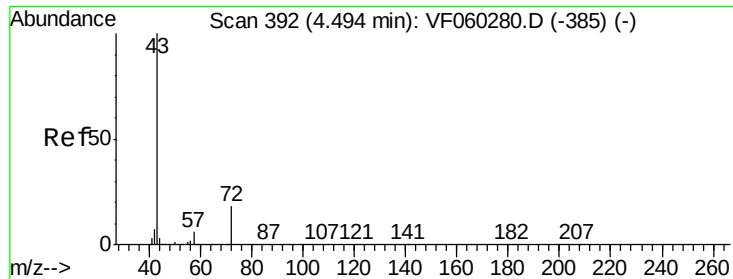
Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.5#

100 0.0 1.1 3.3#





#25

2-Butanone

Concen: 630.656 ug/l

RT: 4.57 min Scan# 399

Delta R.T. 0.07 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

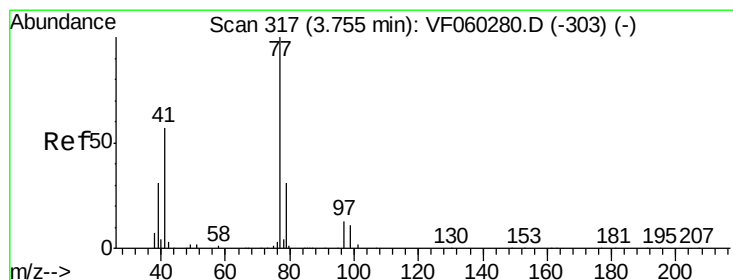
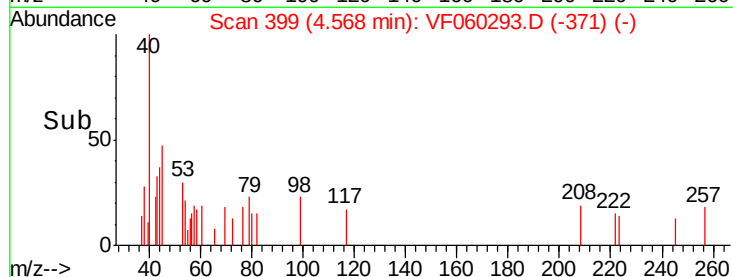
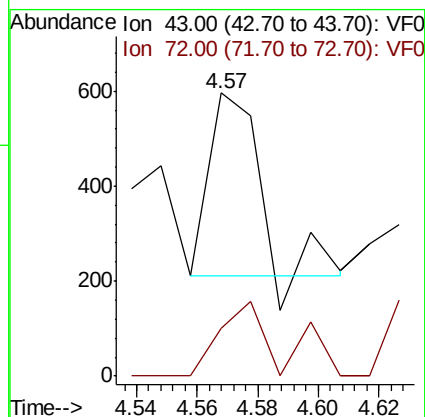
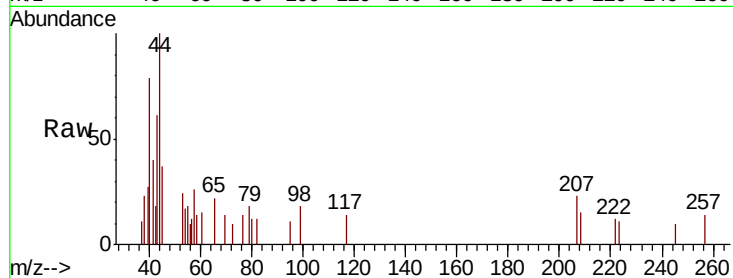
SA-01-091918RE

Tgt Ion: 43 Resp: 441

Ion Ratio Lower Upper

43 100

72 16.8 16.2 24.2



#26

2,2-Dichloropropane

Concen: 117.929 ug/l

RT: 3.80 min Scan# 321

Delta R.T. 0.04 min

Lab File: VF060293.D

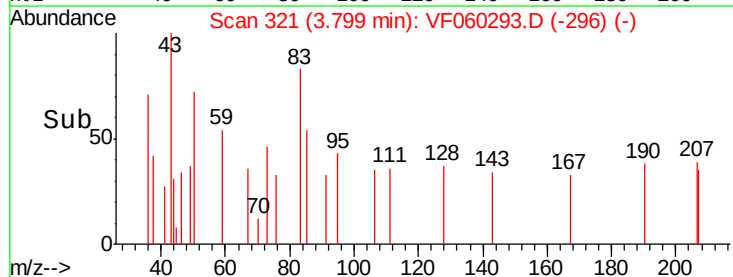
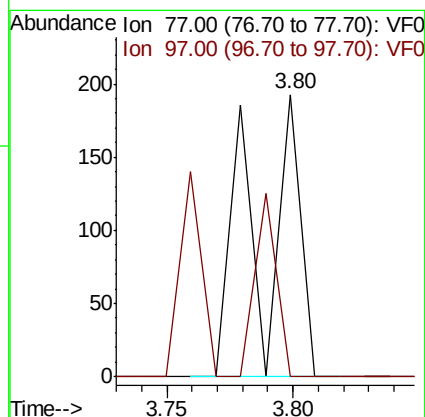
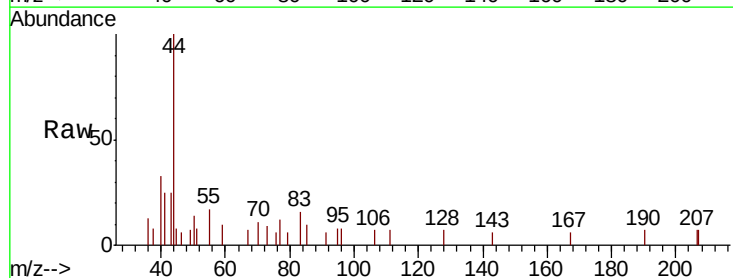
Acq: 19 Sep 2018 21:50

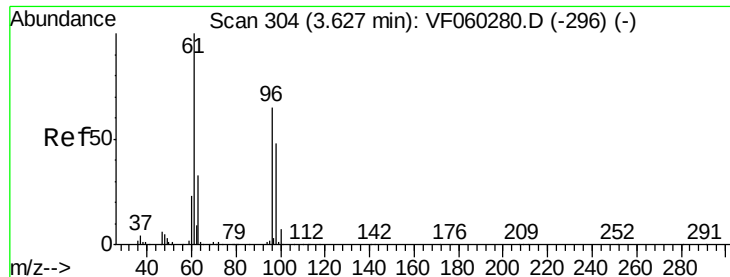
Tgt Ion: 77 Resp: 224

Ion Ratio Lower Upper

77 100

97 0.0 9.3 27.9#



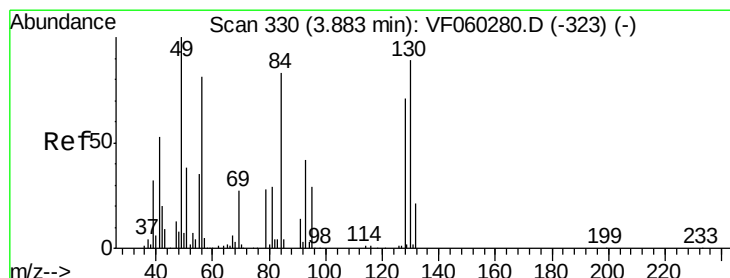
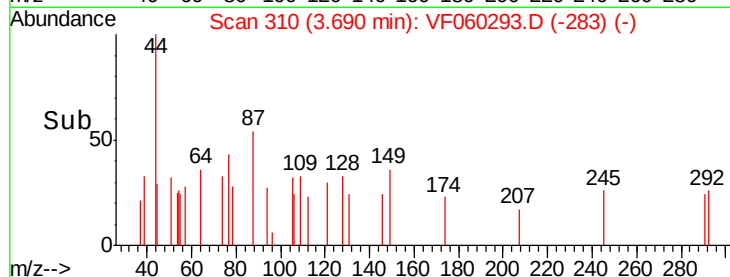
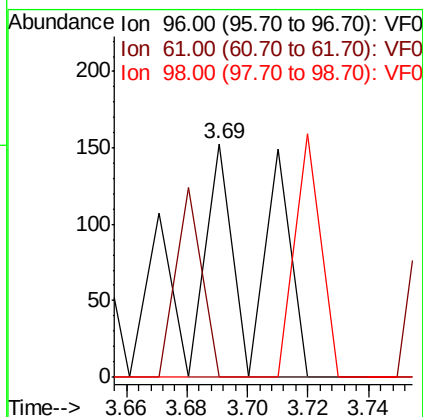
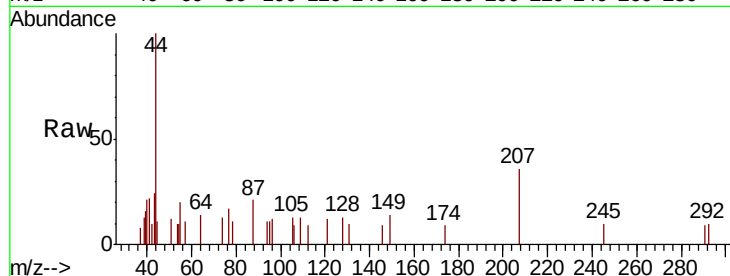


#27

cis-1,2-Dichloroethene
 Concen: 84.617 ug/l
 RT: 3.69 min Scan# 310
 Delta R.T. 0.06 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Instrument :
 MSVOA_F
 ClientSampleId :
 SA-01-091918RE

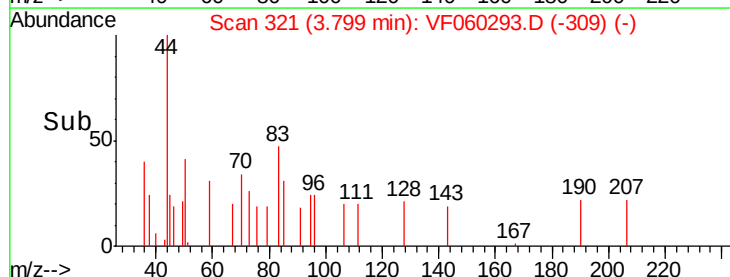
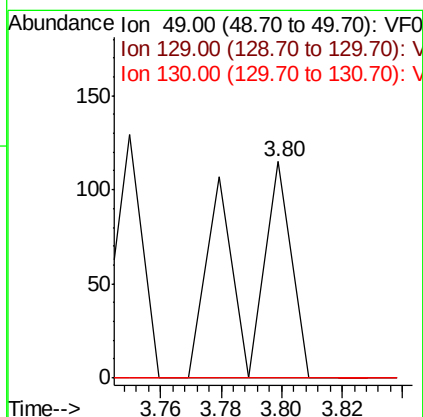
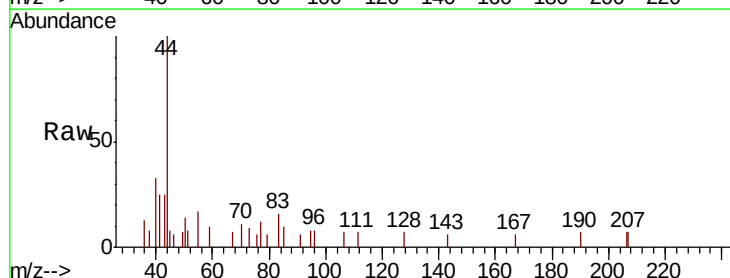
Tgt Ion:	96	Resp:	179
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	304.8
98	0.0	0.0	146.4

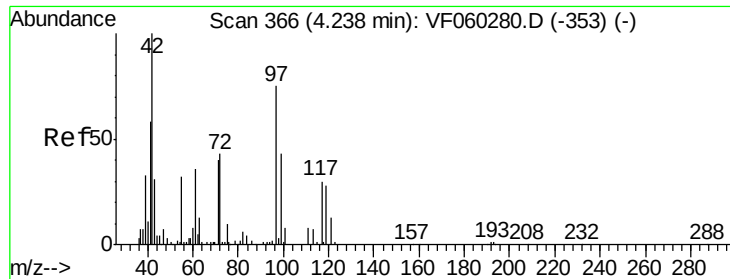


#28

Bromochloromethane
 Concen: 101.074 ug/l
 RT: 3.80 min Scan# 321
 Delta R.T. -0.08 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Tgt Ion:	49	Resp:	131
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	70.3	105.5#





#29

Tetrahydrofuran

Concen: 1632.328 ug/l

RT: 4.33 min Scan# 375

Delta R.T. 0.09 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

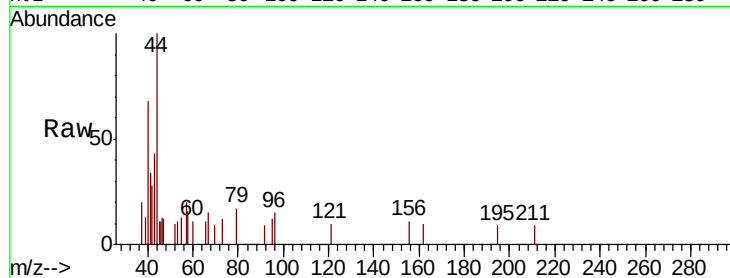
Tgt Ion: 42 Resp: 418

Ion Ratio Lower Upper

42 100

72 20.6 32.6 49.0#

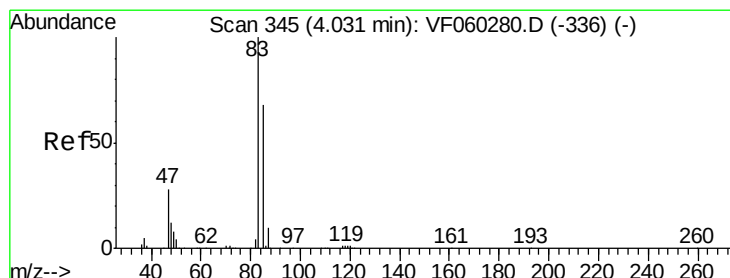
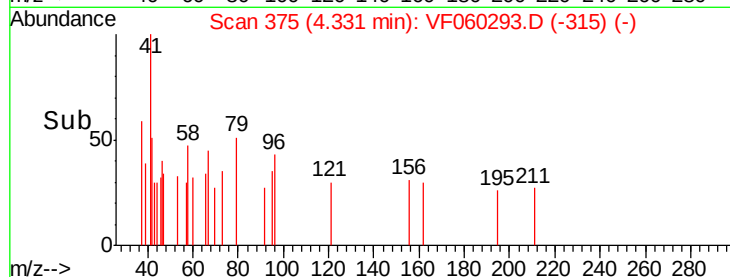
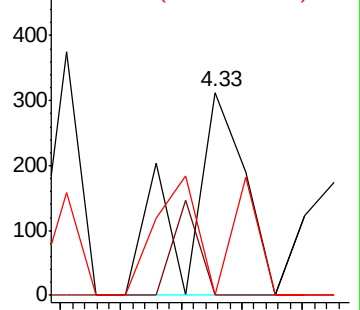
71 68.9 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 57.509 ug/l

RT: 4.17 min Scan# 359

Delta R.T. 0.14 min

Lab File: VF060293.D

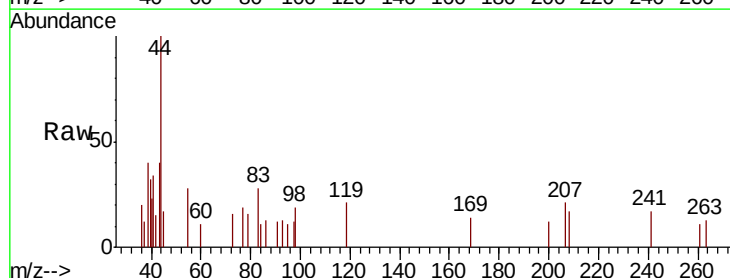
Acq: 19 Sep 2018 21:50

Tgt Ion: 83 Resp: 231

Ion Ratio Lower Upper

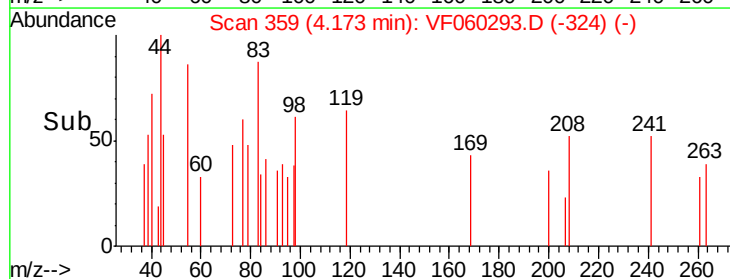
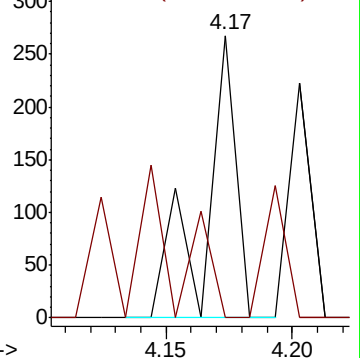
83 100

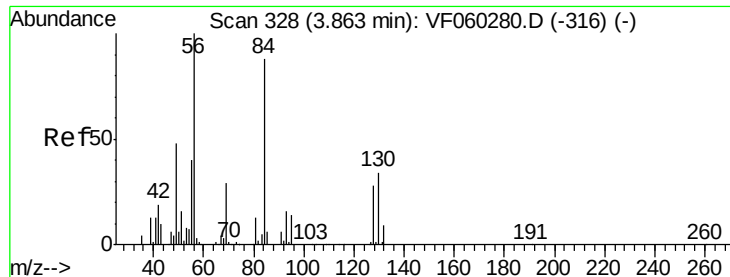
85 0.0 54.9 82.3#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

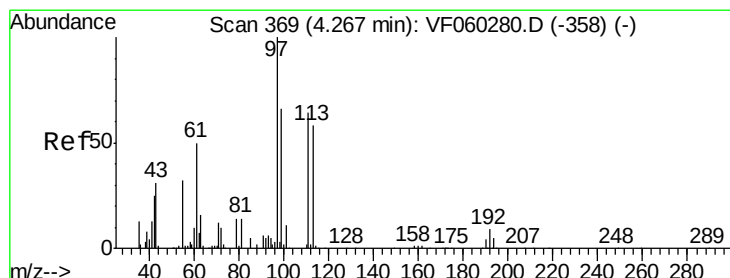
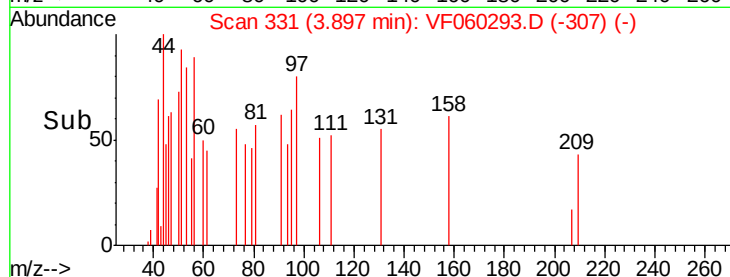
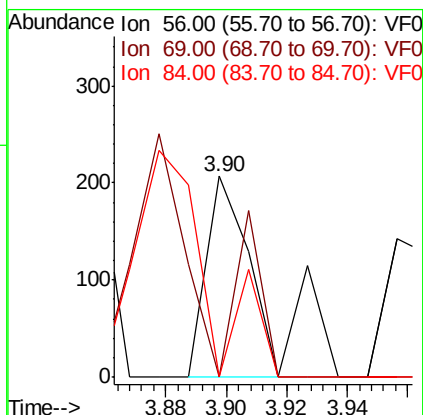
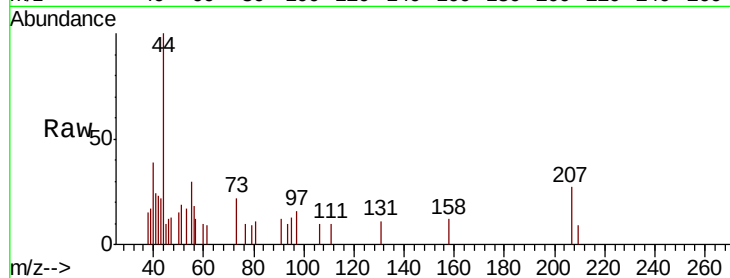




#31
Cyclohexane
Concen: 94.954 ug/l
RT: 3.90 min Scan# 331
Delta R.T. 0.03 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

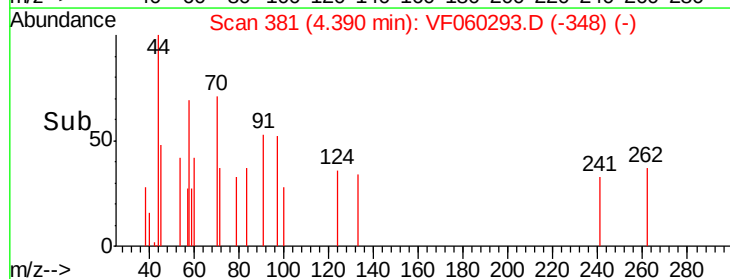
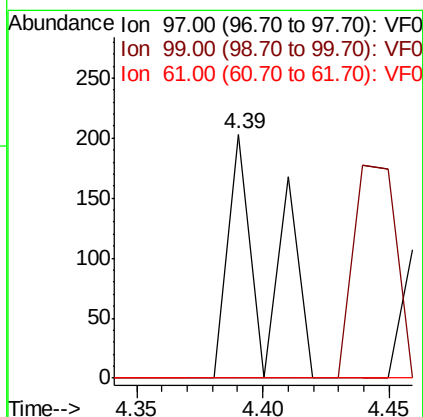
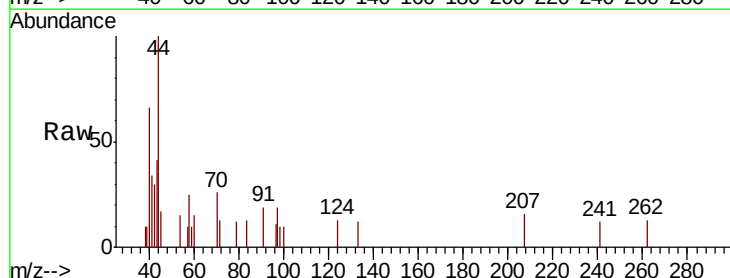
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

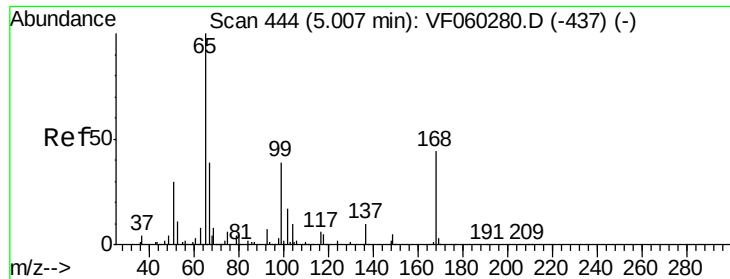
Tgt Ion: 56 Resp: 267
Ion Ratio Lower Upper
56 100
69 0.0 23.8 35.6#
84 0.0 70.2 105.4#



#32
1,1,1-Trichloroethane
Concen: 69.097 ug/l
RT: 4.39 min Scan# 381
Delta R.T. 0.12 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion: 97 Resp: 219
Ion Ratio Lower Upper
97 100
99 0.0 53.0 79.4#
61 0.0 40.6 61.0#

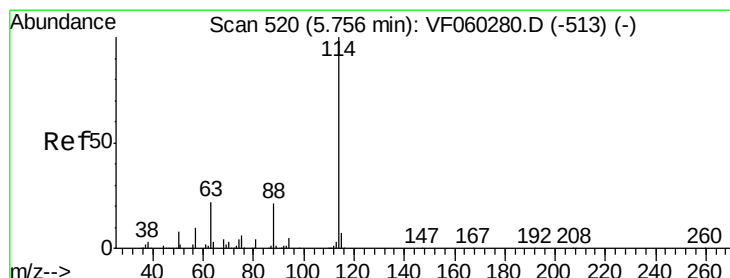
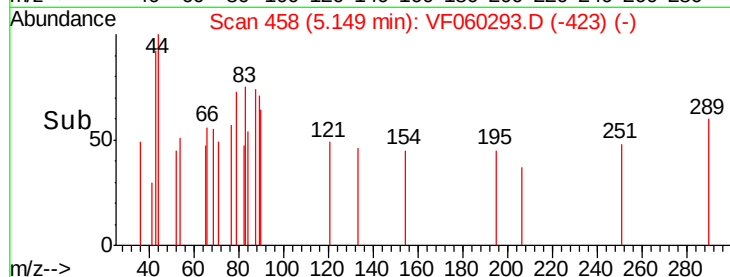
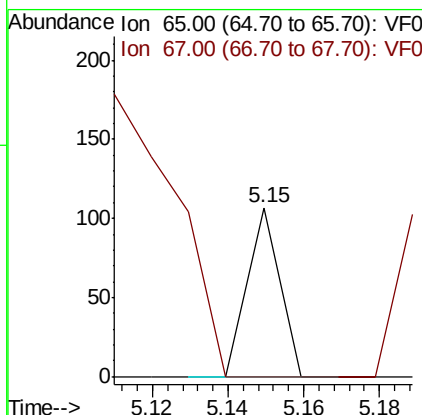
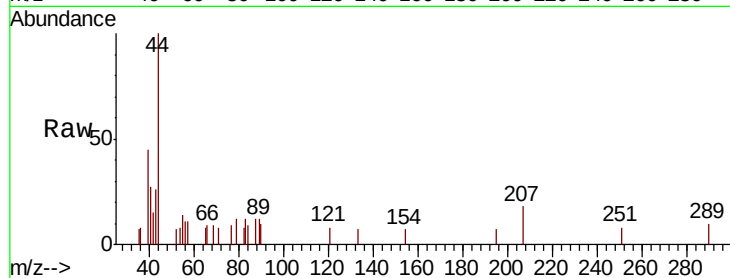




#33
 1,2-Dichloroethane-d4
 Concen: 34.151 ug/l
 RT: 5.15 min Scan# 458
 Delta R.T. 0.14 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

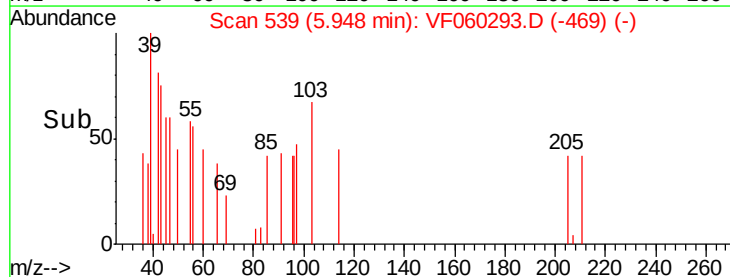
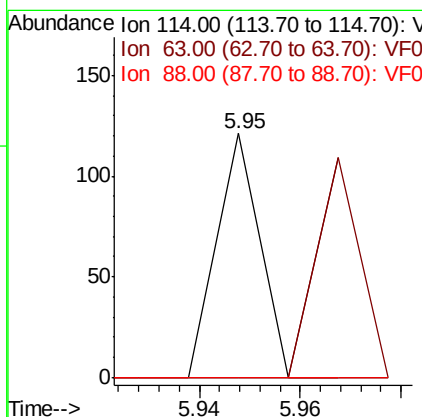
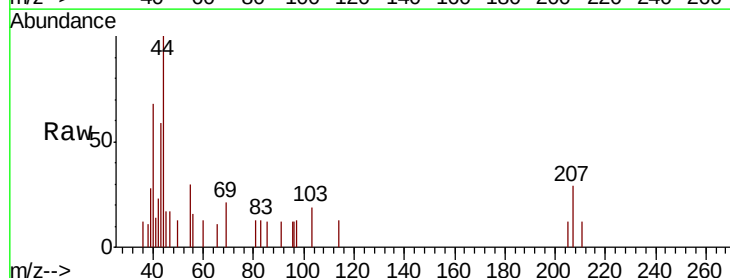
Instrument :
 MSVOA_F
 ClientSampleId :
 SA-01-091918RE

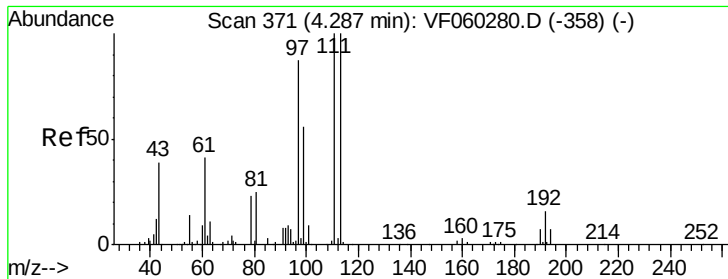
Tgt Ion: 65 Resp: 63
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.95 min Scan# 539
 Delta R.T. 0.19 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Tgt Ion: 114 Resp: 72
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 43.8
 88 0.0 0.0 41.2





#35

Dibromofluoromethane

Concen: 219.685 ug/l

RT: 4.48 min Scan# 390

Delta R.T. 0.19 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

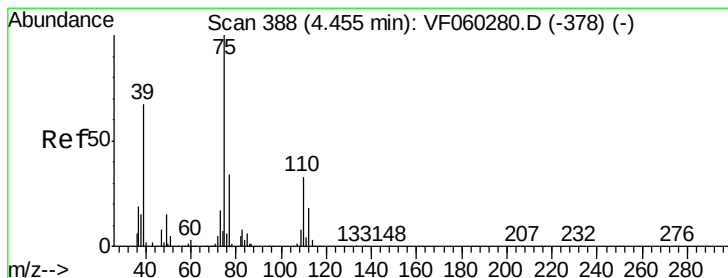
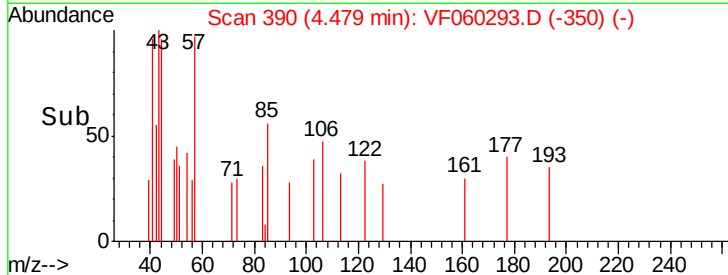
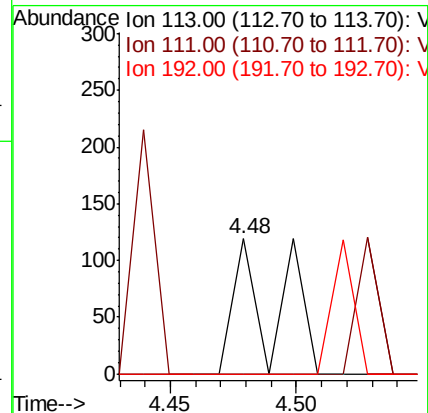
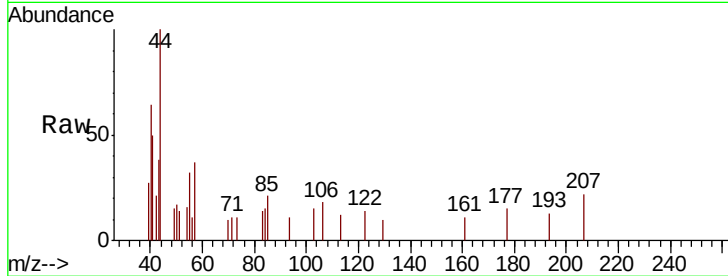
Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

Tgt Ion:	113	Resp:	141
Ion Ratio	Lower	Upper	
113	100		
111	0.0	79.6	119.4#
192	0.0	13.0	19.6#



#36

1,1-Dichloropropene

Concen: 73.489 ug/l

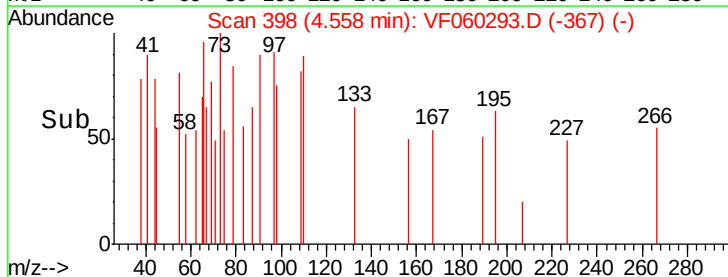
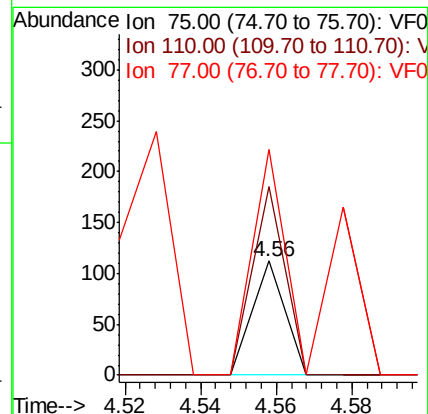
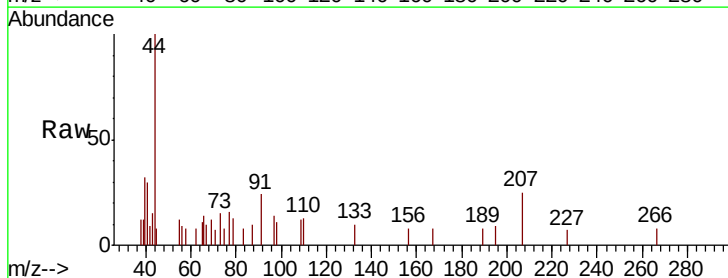
RT: 4.56 min Scan# 398

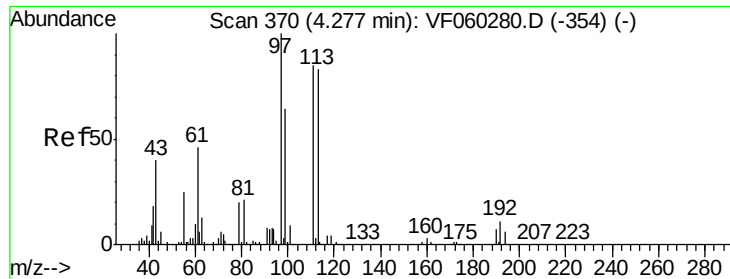
Delta R.T. 0.10 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Tgt Ion:	75	Resp:	66
Ion Ratio	Lower	Upper	
75	100		
110	165.2	16.4	49.2#
77	198.2	27.3	40.9#

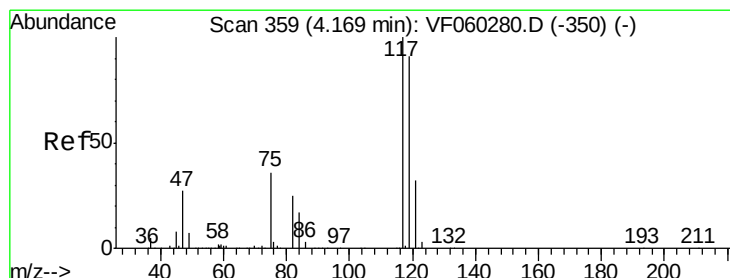
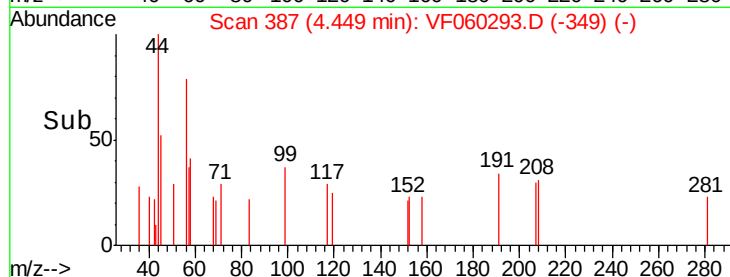
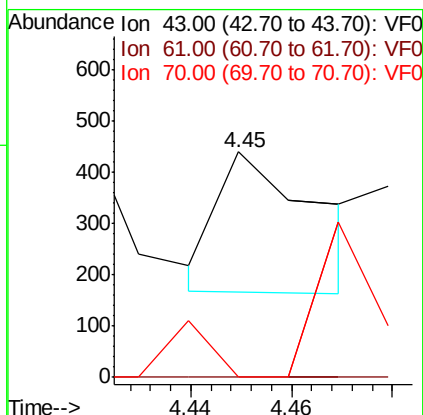
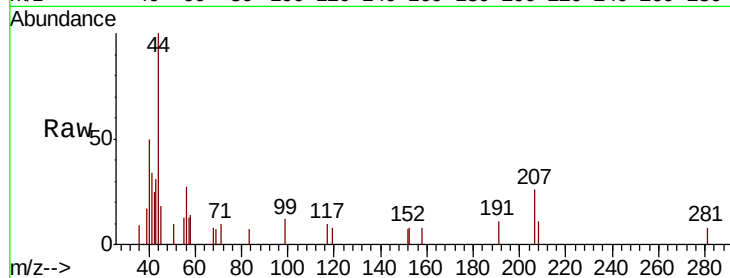




#37
Ethyl Acetate
Concen: 973.657 ug/l
RT: 4.45 min Scan# 387
Delta R.T. 0.17 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

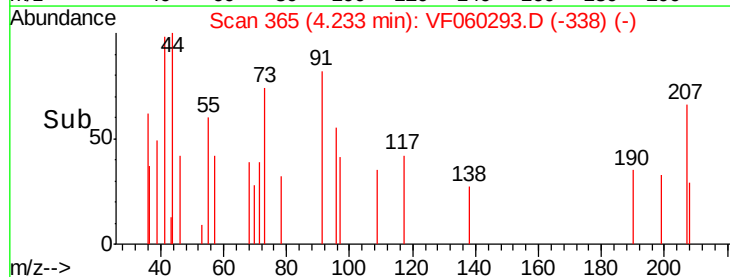
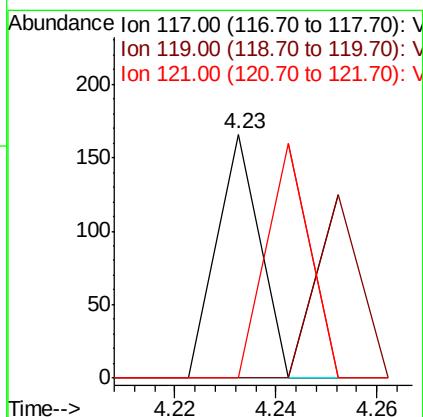
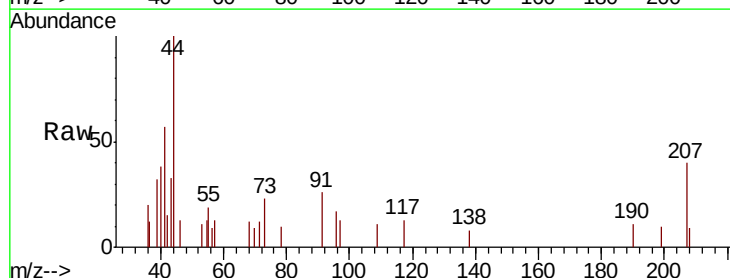
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

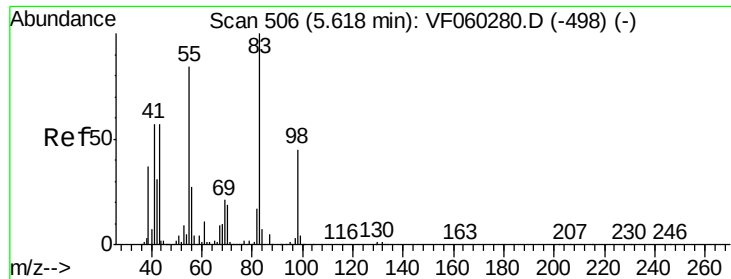
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
61 0.0 91.1 136.7#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 101.591 ug/l
RT: 4.23 min Scan# 365
Delta R.T. 0.06 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion: 117 Resp: 98
Ion Ratio Lower Upper
117 100
119 0.0 73.0 109.6#
121 0.0 25.4 38.2#





#39

Methylcyclohexane

Concen: 65.751 ug/l

RT: 5.81 min Scan# 525

Delta R.T. 0.19 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

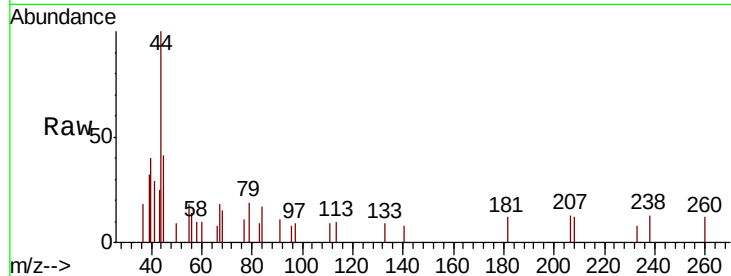
Tgt Ion: 83 Resp: 64

Ion Ratio Lower Upper

83 100

55 209.3 67.3 100.9#

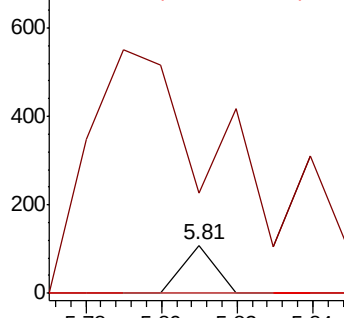
98 0.0 36.1 54.1#



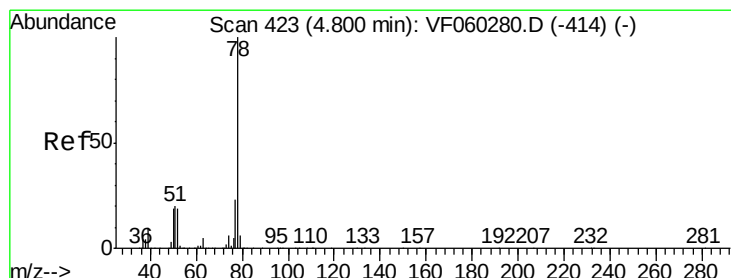
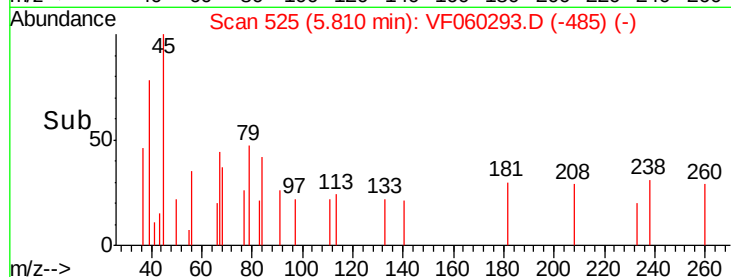
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



Time-->



#40

Benzene

Concen: 86.917 ug/l

RT: 4.95 min Scan# 438

Delta R.T. 0.15 min

Lab File: VF060293.D

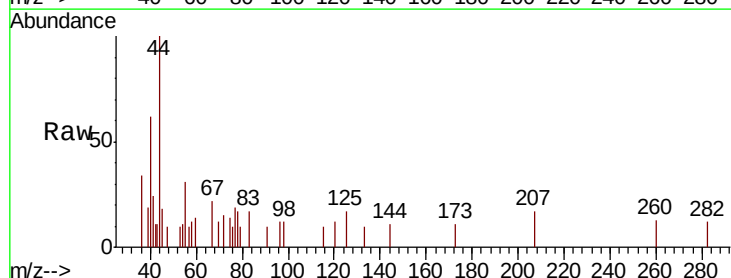
Acq: 19 Sep 2018 21:50

Tgt Ion: 78 Resp: 177

Ion Ratio Lower Upper

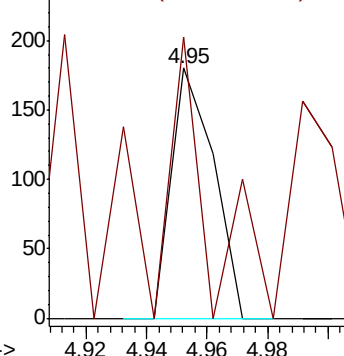
78 100

77 112.8 18.4 27.6#

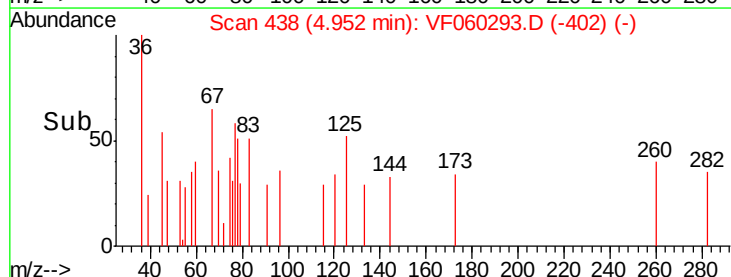


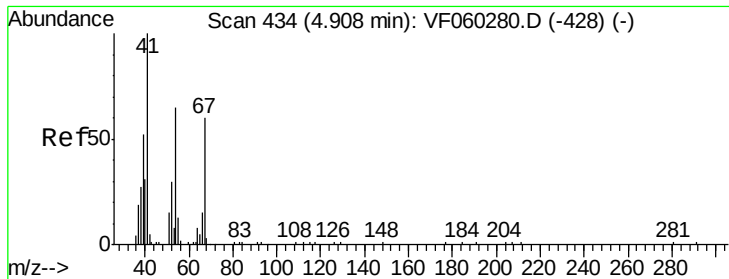
Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->

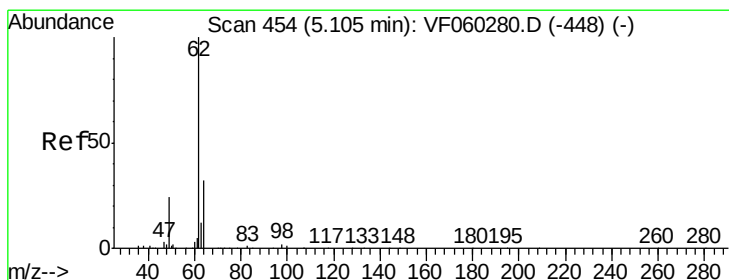
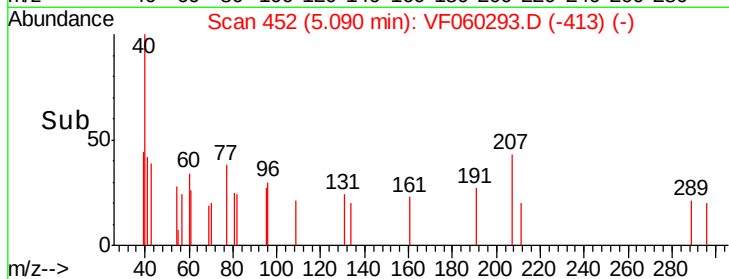
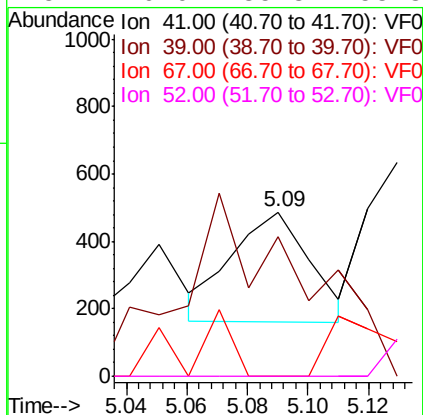
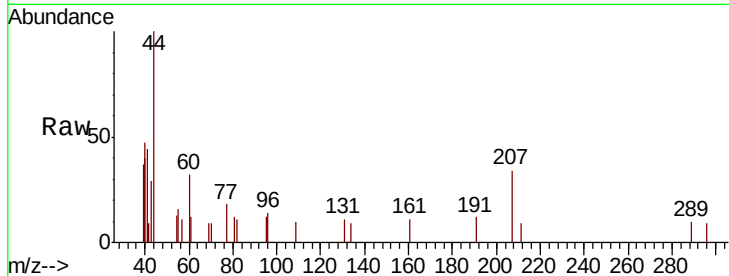




#41
Methacrylonitrile
Concen: 2827.326 ug/l
RT: 5.09 min Scan# 452
Delta R.T. 0.18 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

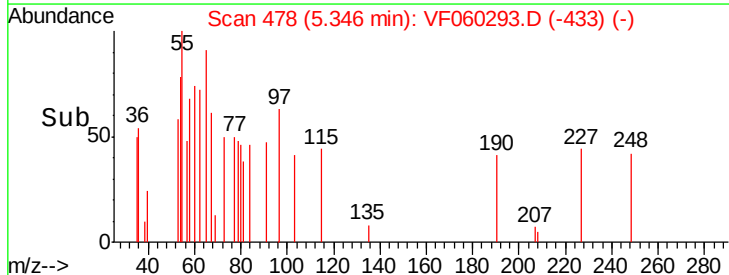
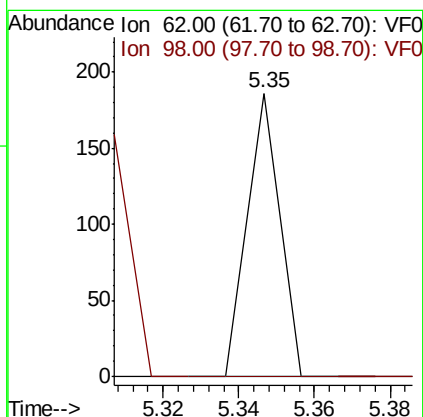
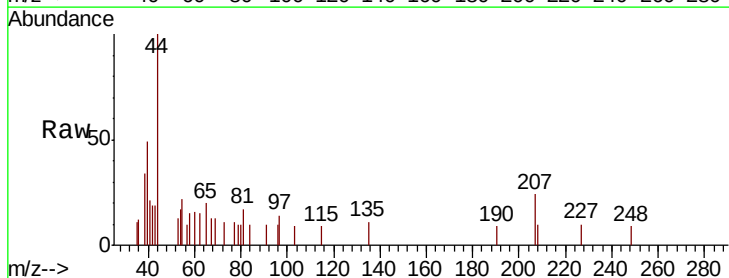
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

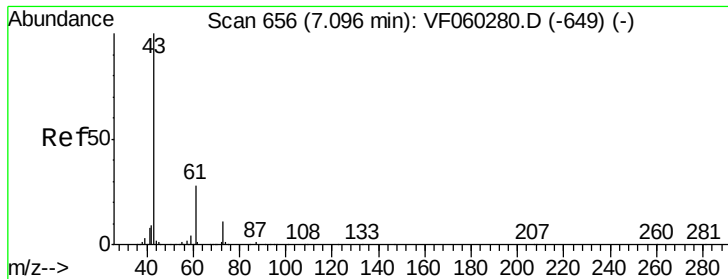
Tgt Ion: 41 Resp: 583
Ion Ratio Lower Upper
41 100
39 70.1 49.1 73.7
67 0.0 48.2 72.4#
52 0.0 35.8 53.8#



#42
1,2-Dichloroethane
Concen: 146.753 ug/l
RT: 5.35 min Scan# 478
Delta R.T. 0.24 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion: 62 Resp: 110
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.4





#43

Isopropyl Acetate

Concen: 349.741 ug/l

RT: 7.32 min Scan# 678

Delta R.T. 0.22 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

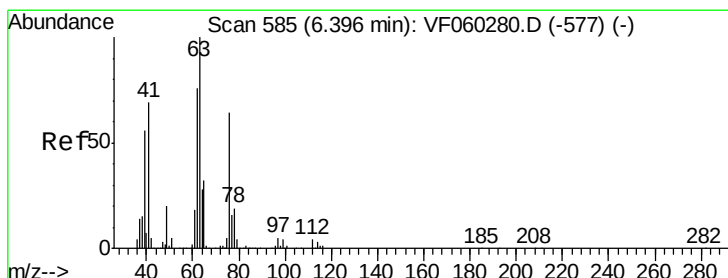
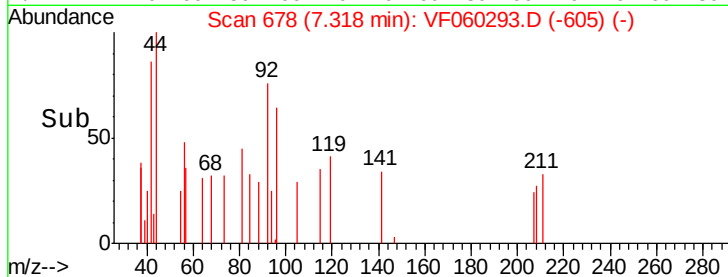
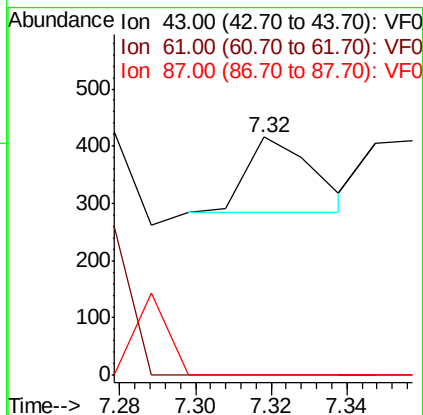
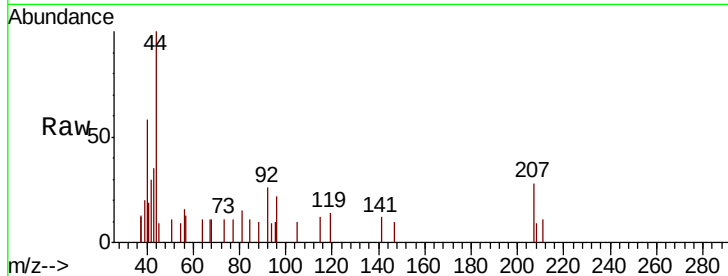
Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

Tgt Ion:	43	Resp:	160
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	0.0	0.6	0.8#



#45

1,2-Dichloropropane

Concen: 206.816 ug/l

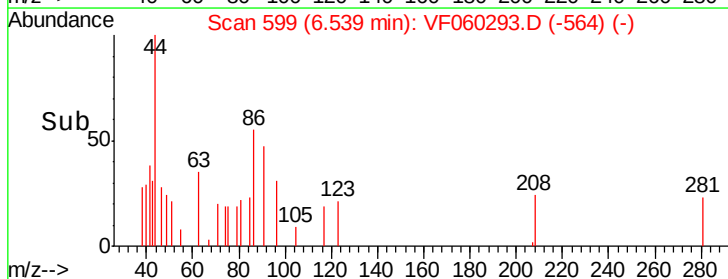
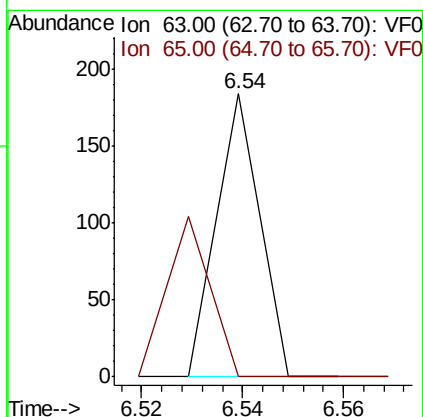
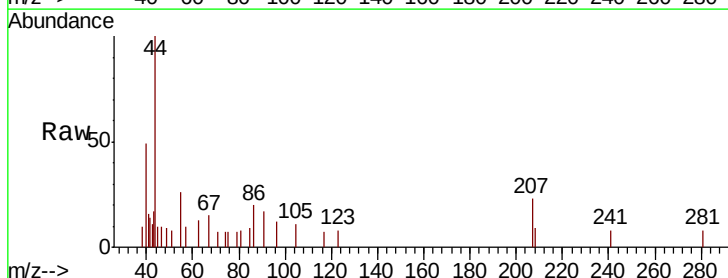
RT: 6.54 min Scan# 599

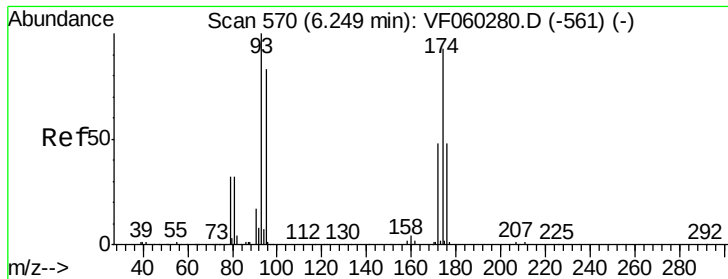
Delta R.T. 0.14 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Tgt Ion:	63	Resp:	109
Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.2	39.4#





#46

Dibromomethane

Concen: 390.201 ug/l

RT: 6.46 min Scan# 591

Delta R.T. 0.21 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

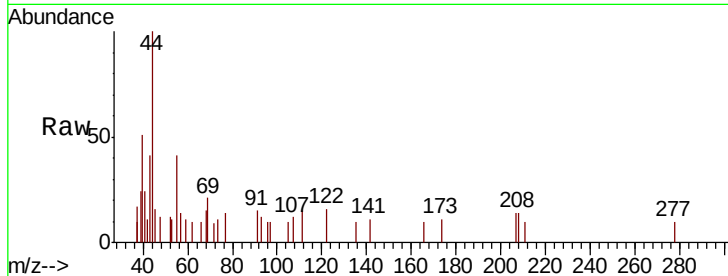
Tgt Ion: 93 Resp: 147

Ion Ratio Lower Upper

93 100

95 0.0 67.0 100.6#

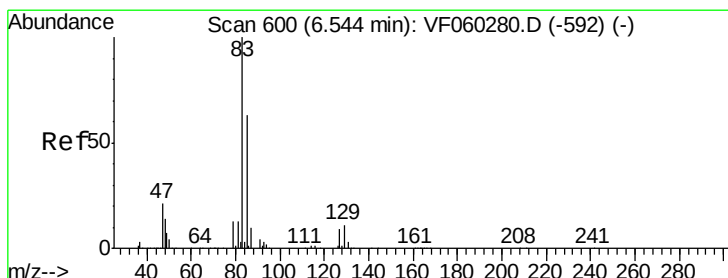
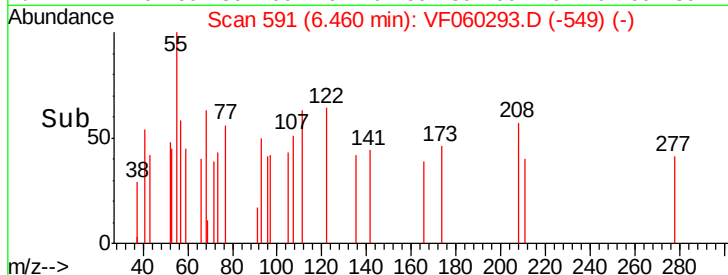
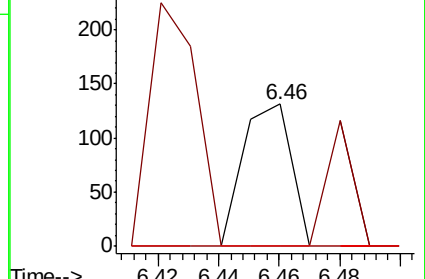
174 0.0 74.8 112.2#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V



#47

Bromodichloromethane

Concen: 224.227 ug/l

RT: 6.74 min Scan# 619

Delta R.T. 0.19 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

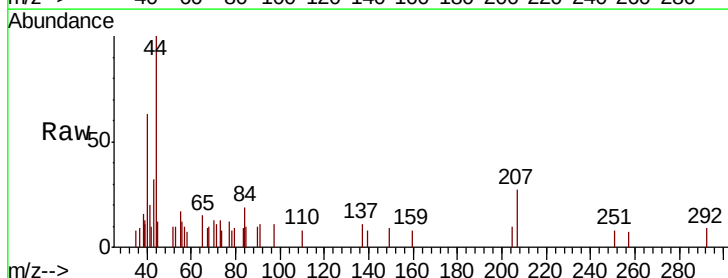
Tgt Ion: 83 Resp: 203

Ion Ratio Lower Upper

83 100

85 0.0 50.6 76.0#

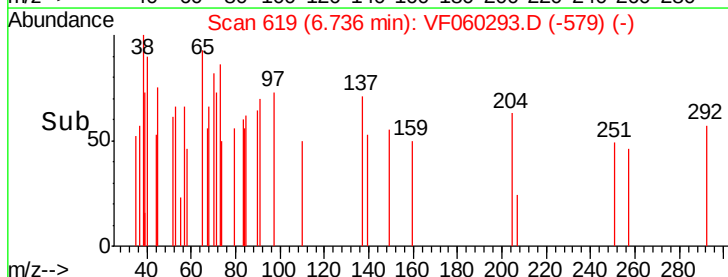
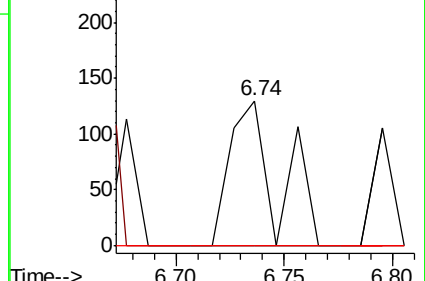
127 0.0 7.1 10.7#

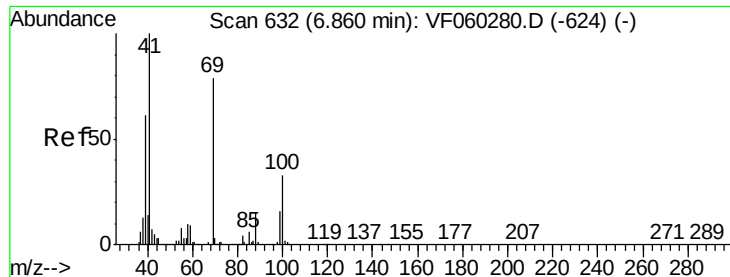


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V

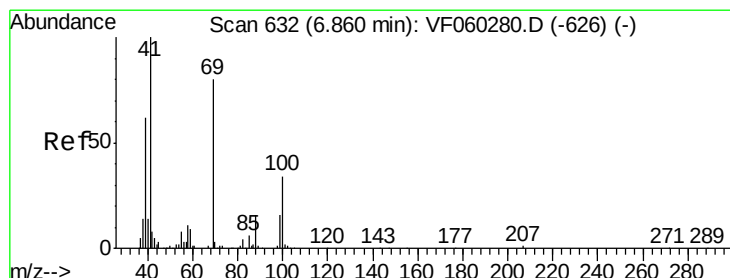
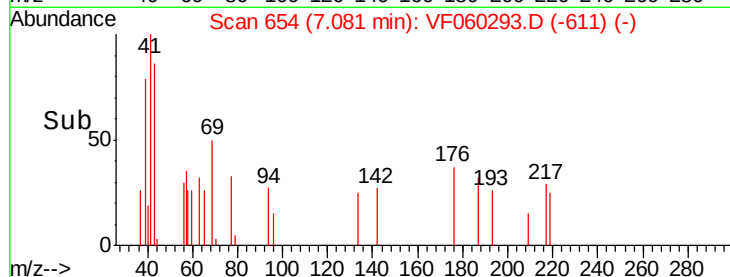
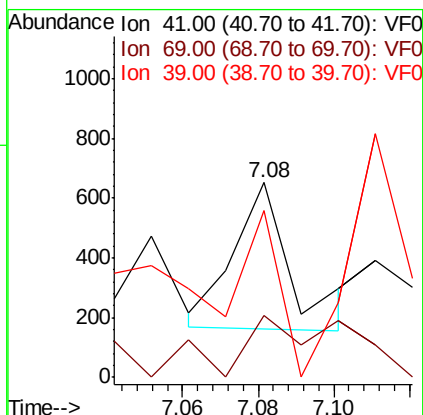
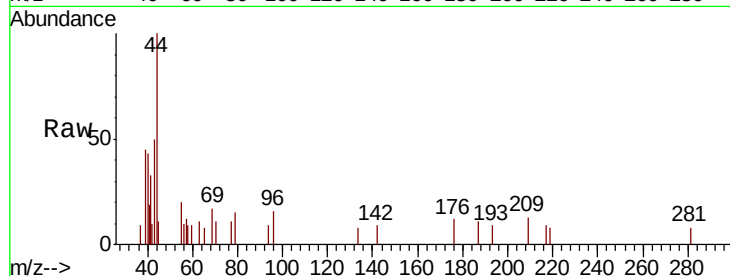




#48
Methyl methacrylate
Concen: 1594.328 ug/l
RT: 7.08 min Scan# 654
Delta R.T. 0.22 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

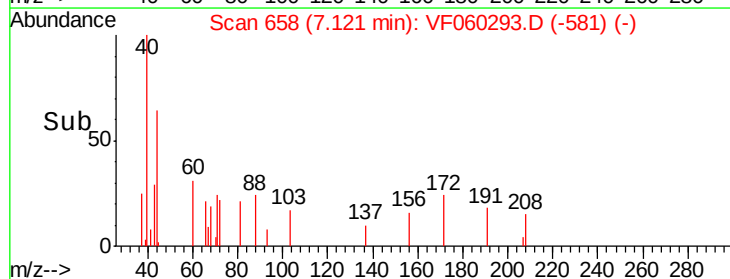
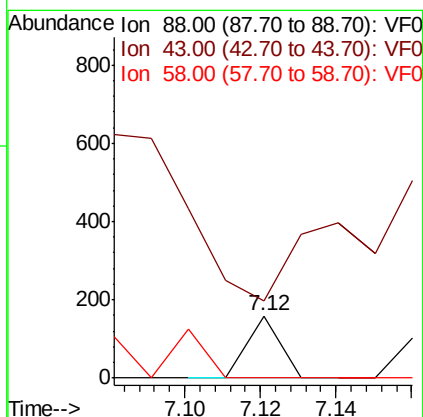
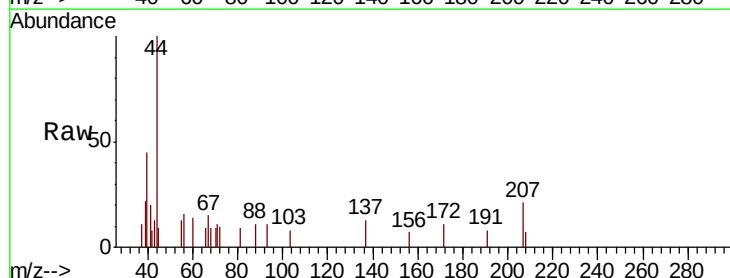
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

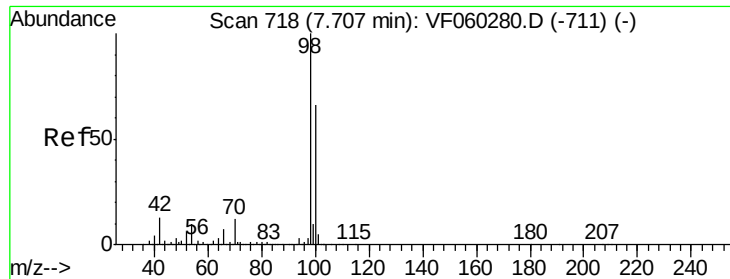
Tgt Ion: 41 Resp: 512
Ion Ratio Lower Upper
41 100
69 31.6 62.6 94.0#
39 85.9 49.1 73.7#



#49
1,4-Dioxane
Concen: 32763.639 ug/l
RT: 7.12 min Scan# 658
Delta R.T. 0.26 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
43 123.3 40.2 60.4#
58 0.0 56.7 85.1#

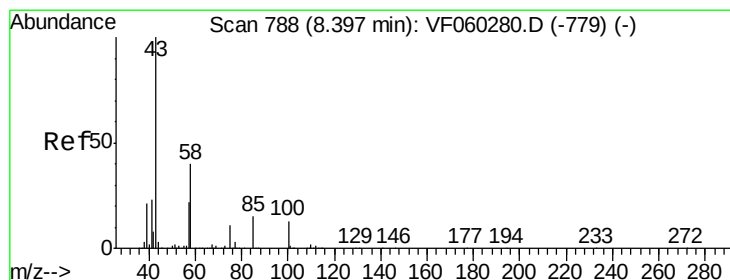
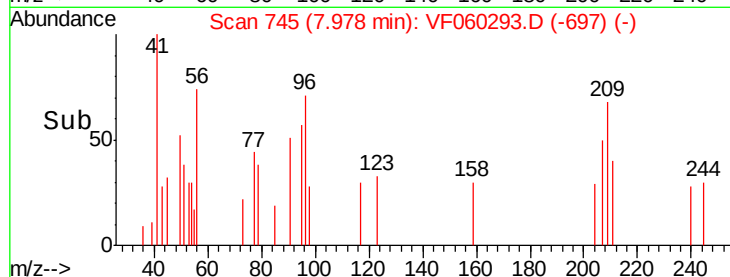
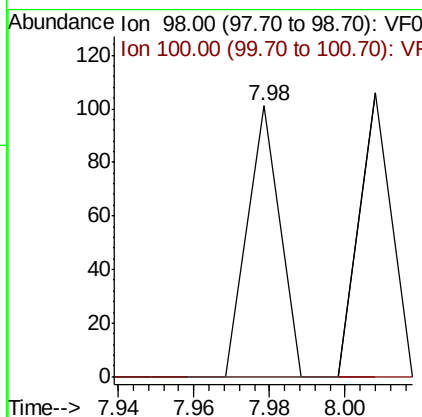
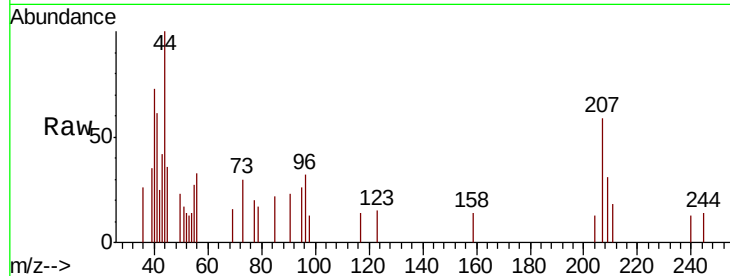




#50
Toluene-d8
Concen: 35.897 ug/l
RT: 7.98 min Scan# 745
Delta R.T. 0.27 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

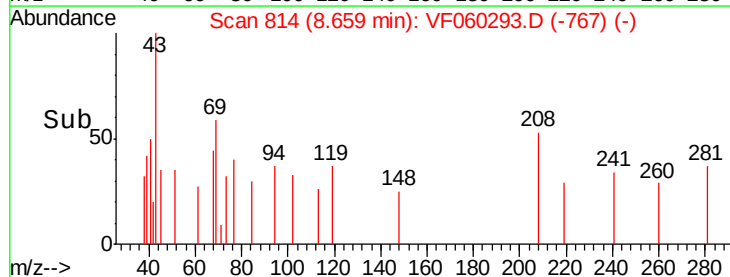
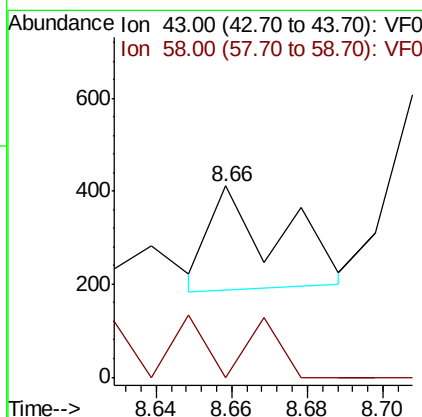
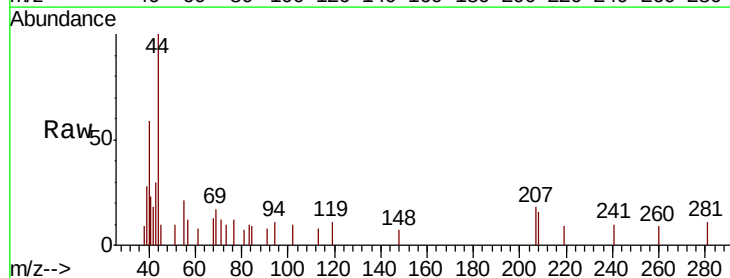
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

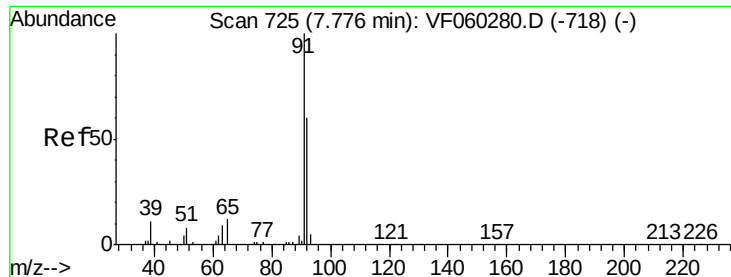
Tgt Ion: 98 Resp: 60
Ion Ratio Lower Upper
98 100
100 0.0 53.0 79.6#



#51
4-Methyl-2-Pentanone
Concen: 805.448 ug/l
RT: 8.66 min Scan# 814
Delta R.T. 0.26 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.8#





#52

Toluene

Concen: 52.006 ug/l

RT: 8.08 min Scan# 755

Delta R.T. 0.30 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

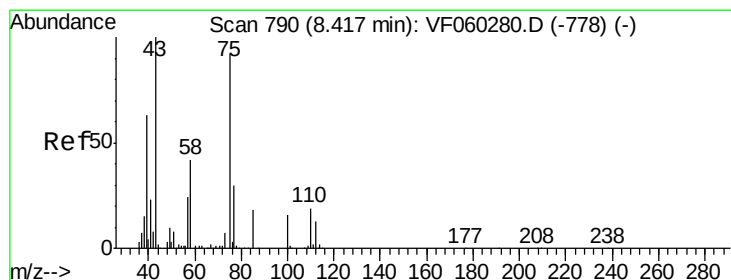
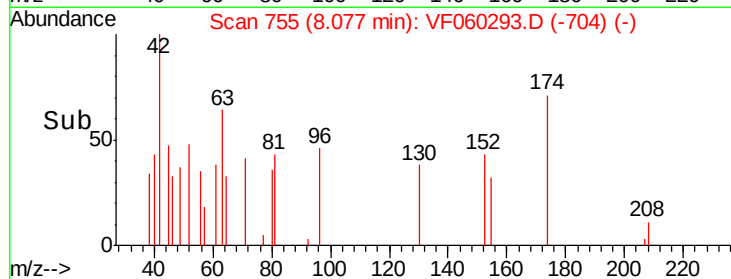
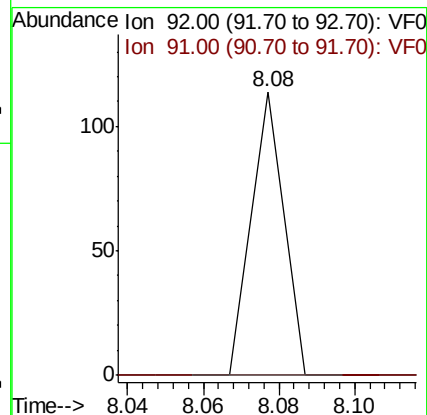
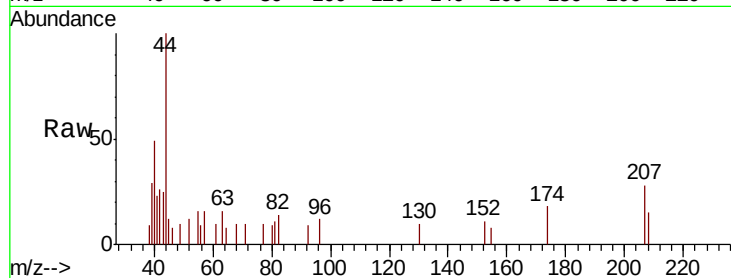
SA-01-091918RE

Tgt Ion: 92 Resp: 67

Ion Ratio Lower Upper

92 100

91 0.0 133.3 199.9#



#53

t-1,3-Dichloropropene

Concen: 80.793 ug/l

RT: 8.72 min Scan# 820

Delta R.T. 0.30 min

Lab File: VF060293.D

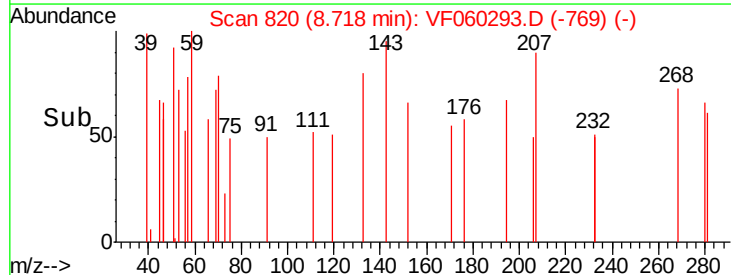
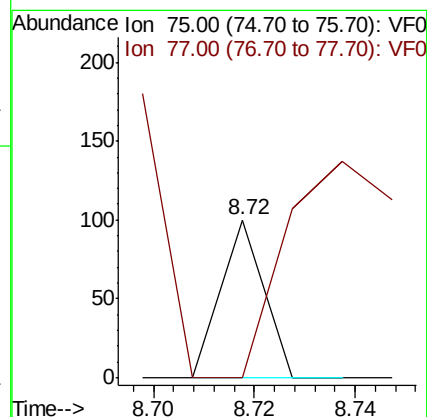
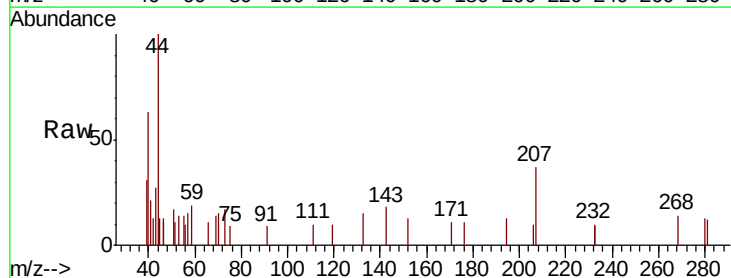
Acq: 19 Sep 2018 21:50

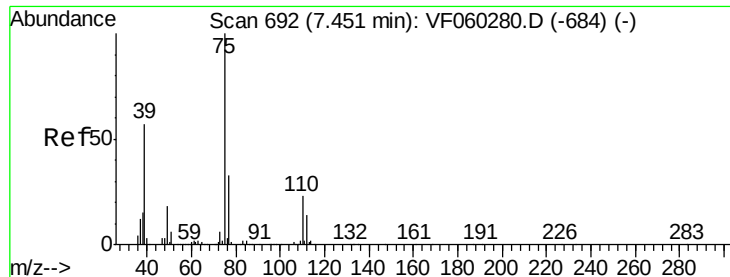
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

77 0.0 25.9 38.9#





#54

cis-1,3-Dichloropropene

Concen: 95.655 ug/l

RT: 7.71 min Scan# 718

Delta R.T. 0.26 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

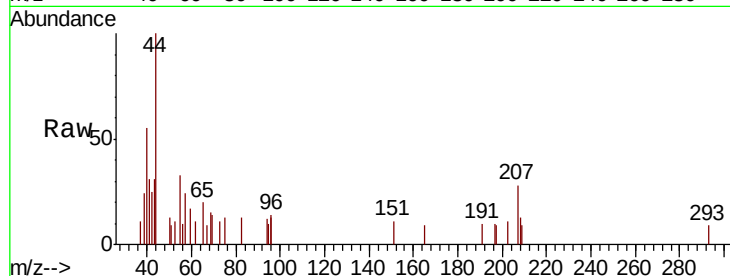
Tgt Ion: 75 Resp: 88

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#

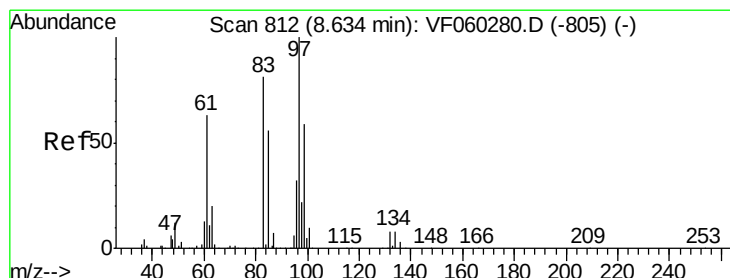
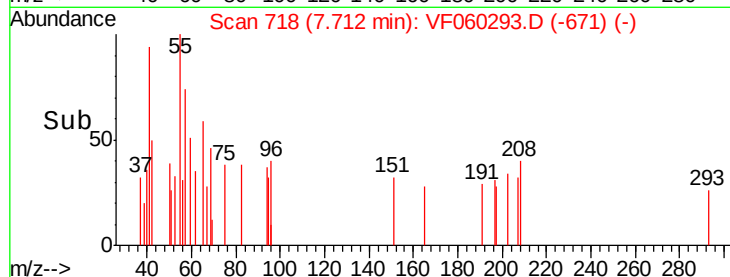
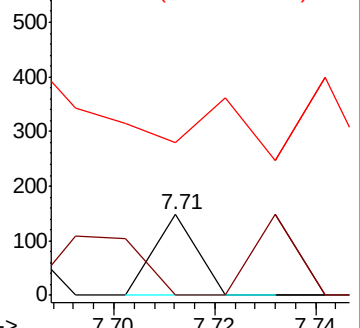
39 189.2 46.1 69.1#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#55

1,1,2-Trichloroethane

Concen: 462.904 ug/l

RT: 8.96 min Scan# 845

Delta R.T. 0.33 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Tgt Ion: 97 Resp: 181

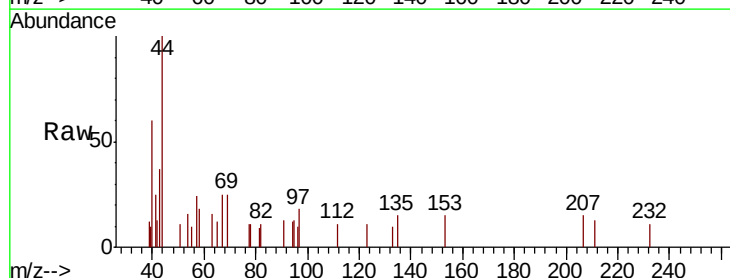
Ion Ratio Lower Upper

97 100

83 0.0 65.3 97.9#

85 0.0 44.7 67.1#

99 0.0 47.0 70.4#

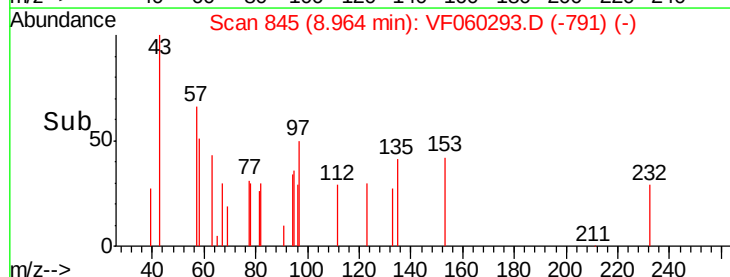
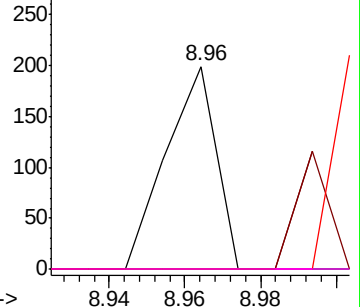


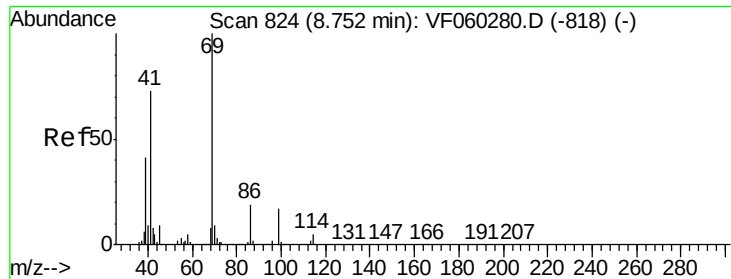
Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 290.110 ug/l

RT: 9.02 min Scan# 851

Delta R.T. 0.27 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

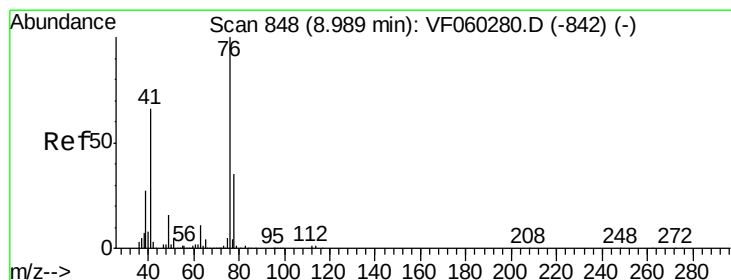
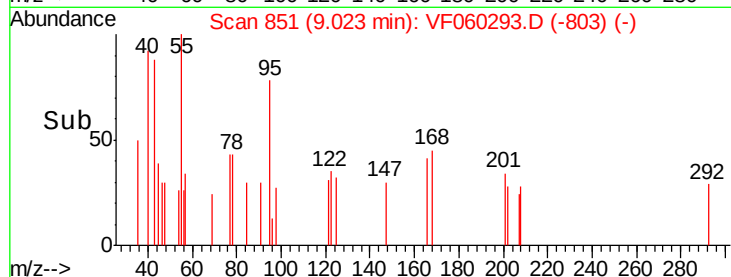
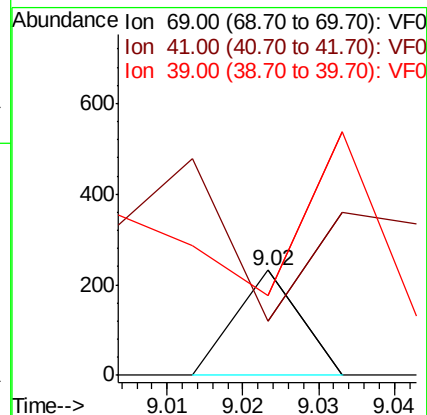
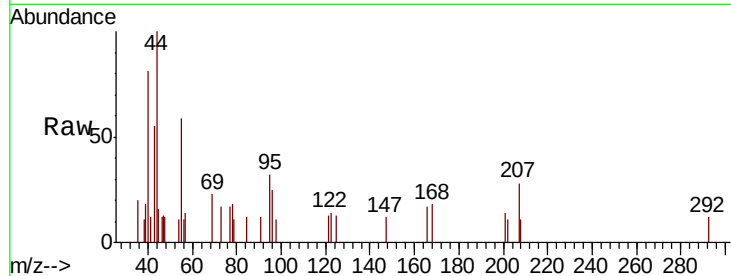
Tgt Ion: 69 Resp: 137

Ion Ratio Lower Upper

69 100

41 52.2 59.4 89.2#

39 76.3 33.5 50.3#



#57

1,3-Dichloropropane

Concen: 92.675 ug/l

RT: 9.26 min Scan# 875

Delta R.T. 0.27 min

Lab File: VF060293.D

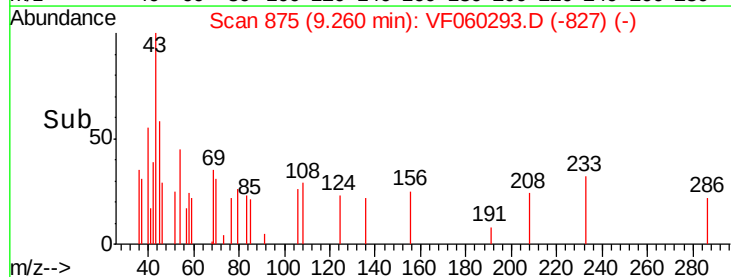
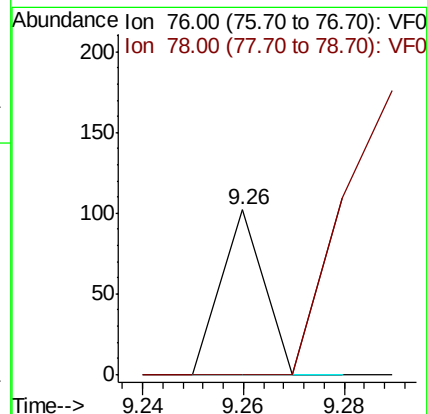
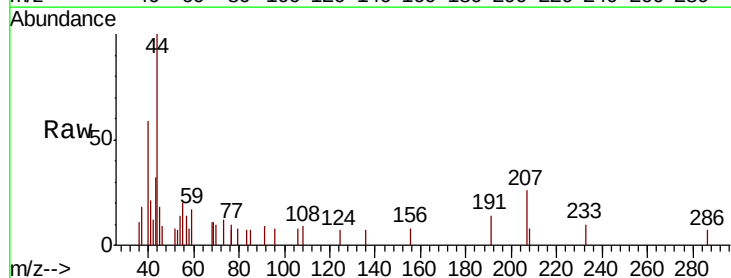
Acq: 19 Sep 2018 21:50

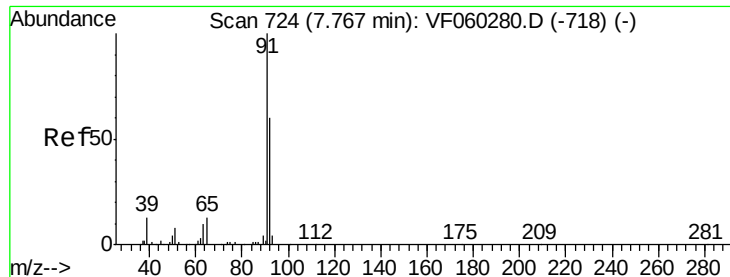
Tgt Ion: 76 Resp: 60

Ion Ratio Lower Upper

76 100

78 0.0 28.2 42.2#





#58

2-Chloroethyl Vinyl ether

Concen: 4551.229 ug/l

RT: 8.01 min Scan# 748

Delta R.T. 0.24 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

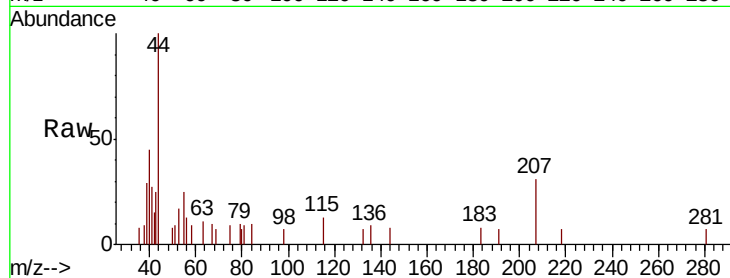
SA-01-091918RE

Tgt Ion: 63 Resp: 190

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

8.01

150

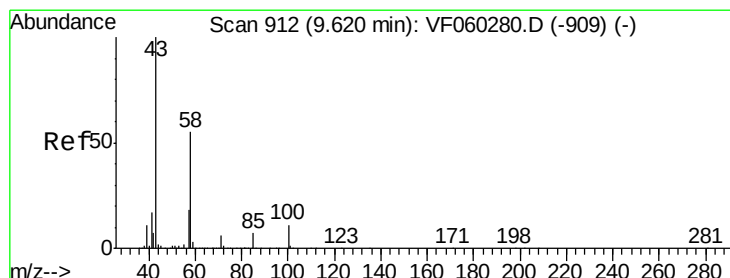
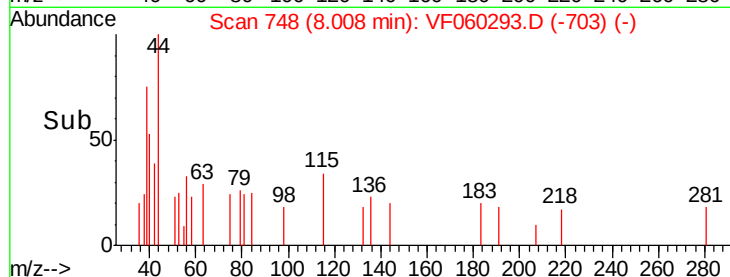
100

50

0

7.98 8.00 8.02 8.04

Time-->



#59

2-Hexanone

Concen: 509.852 ug/l

RT: 10.05 min Scan# 955

Delta R.T. 0.43 min

Lab File: VF060293.D

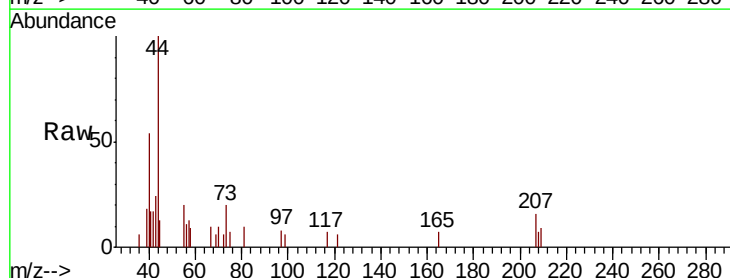
Acq: 19 Sep 2018 21:50

Tgt Ion: 43 Resp: 128

Ion Ratio Lower Upper

43 100

58 35.8 25.9 77.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

10.05

400

300

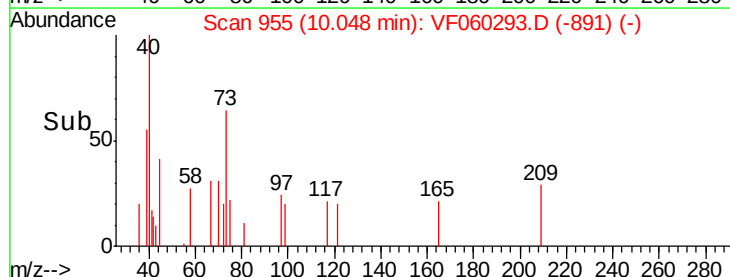
200

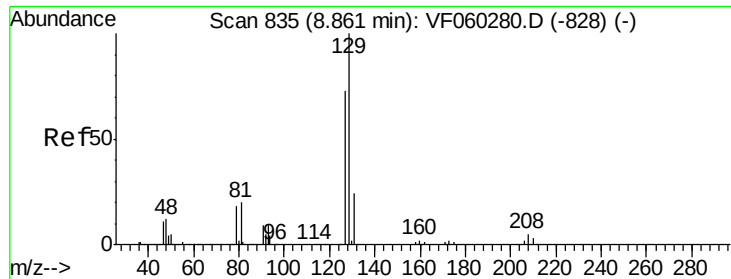
100

0

10.03 10.04 10.05 10.06

Time-->





#60

Dibromochloromethane

Concen: 114.966 ug/l

RT: 9.22 min Scan# 871

Delta R.T. 0.36 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

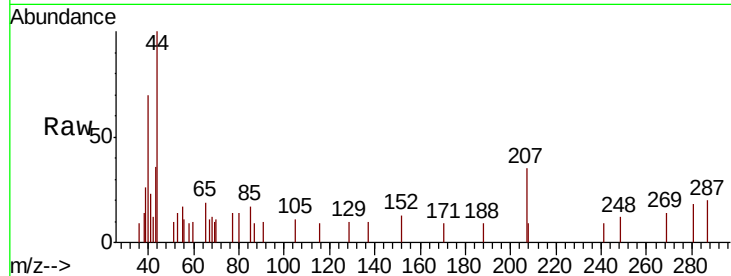
SA-01-091918RE

Tgt Ion:129 Resp: 67

Ion Ratio Lower Upper

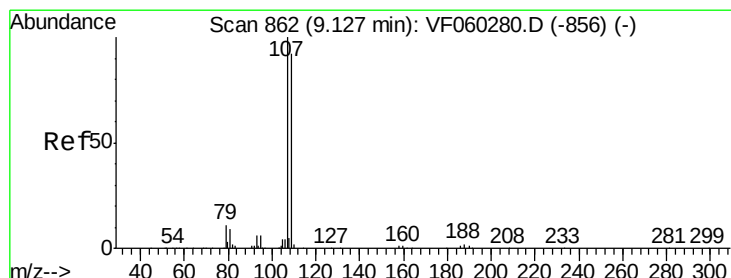
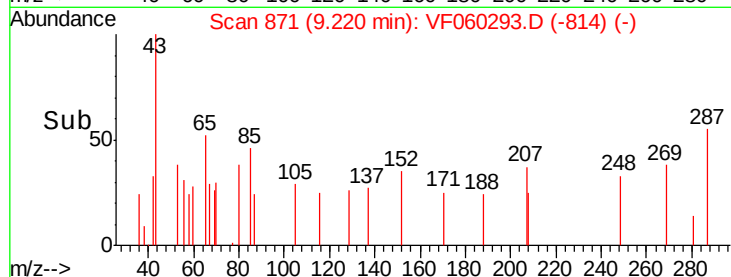
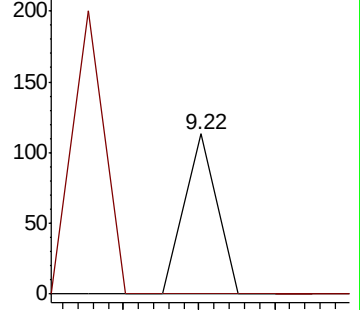
129 100

127 0.0 36.6 109.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#61

1,2-Dibromoethane

Concen: 227.369 ug/l

RT: 9.41 min Scan# 890

Delta R.T. 0.28 min

Lab File: VF060293.D

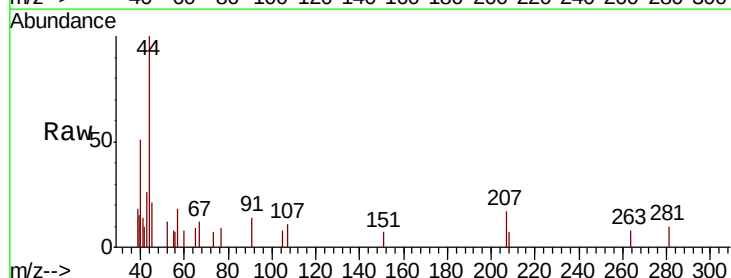
Acq: 19 Sep 2018 21:50

Tgt Ion:107 Resp: 99

Ion Ratio Lower Upper

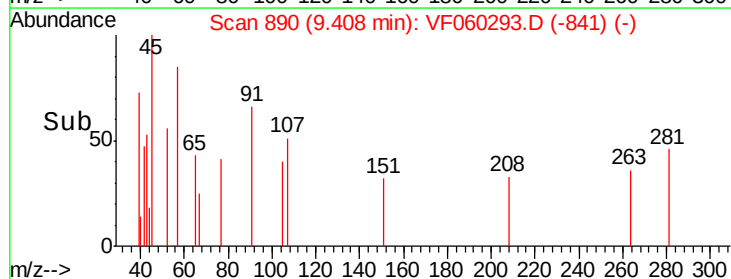
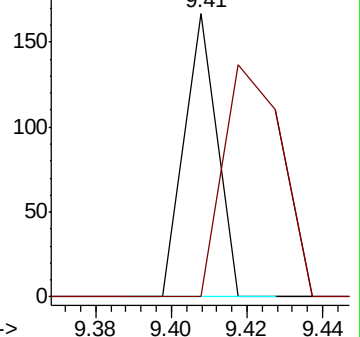
107 100

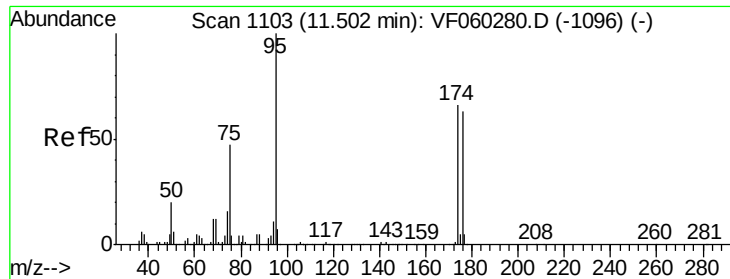
109 0.0 73.2 109.8#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

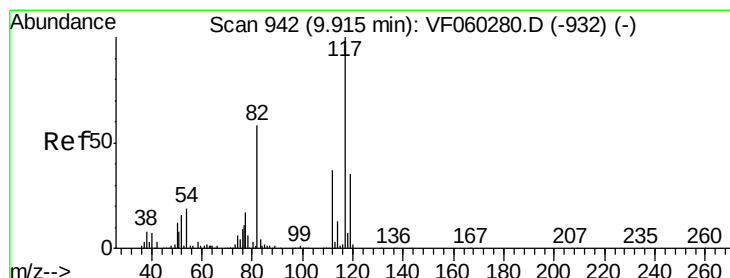
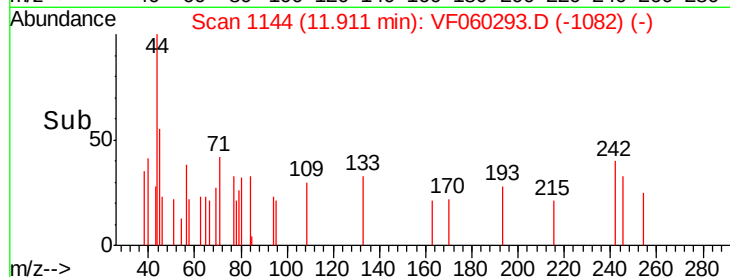
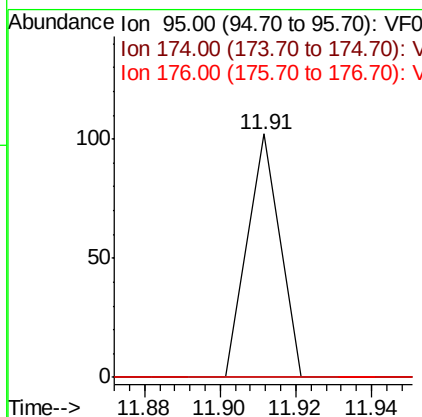
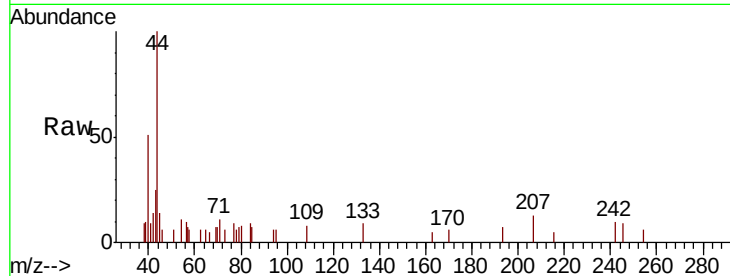




#62
4-Bromofluorobenzene
Concen: 83.043 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. 0.41 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

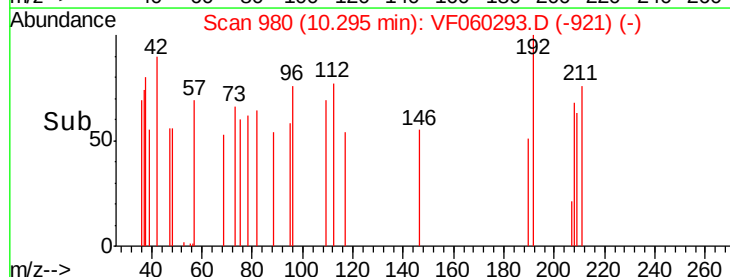
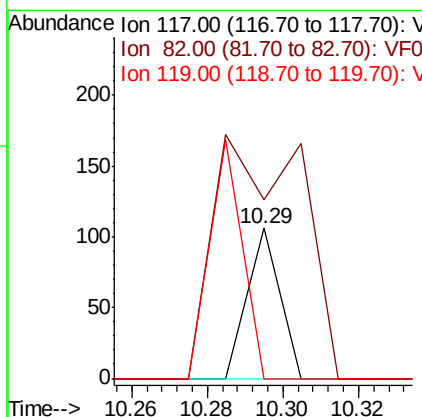
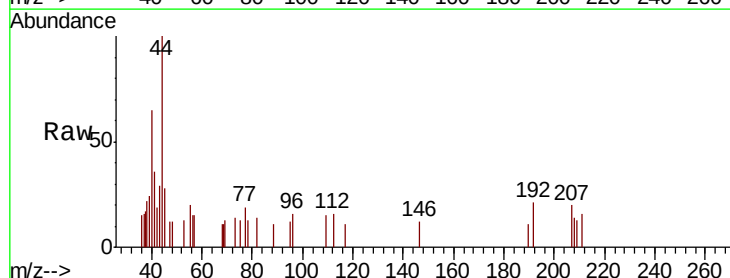
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

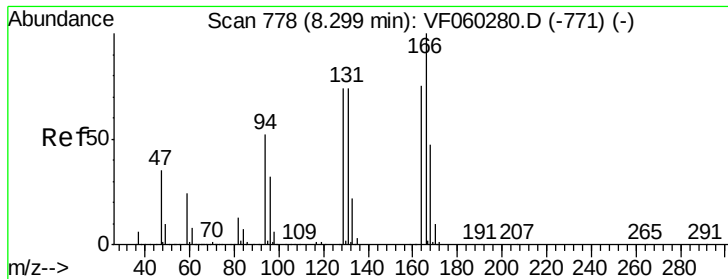
Tgt Ion: 95 Resp: 60
Ion Ratio Lower Upper
95 100
174 0.0 0.0 131.2
176 0.0 0.0 126.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.29 min Scan# 980
Delta R.T. 0.38 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion: 117 Resp: 63
Ion Ratio Lower Upper
117 100
82 118.9 46.2 69.2#
119 0.0 27.8 41.6#





#64

Tetrachloroethene

Concen: 204.864 ug/l

RT: 8.32 min Scan# 780

Delta R.T. 0.02 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

Tgt Ion:164 Resp: 117

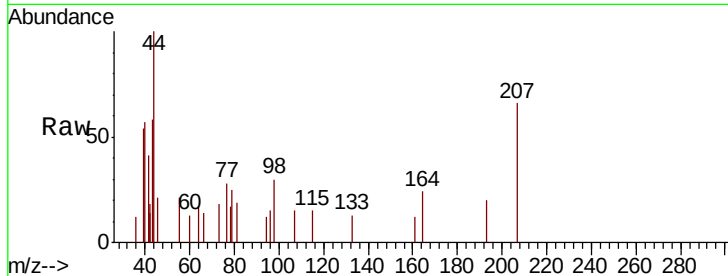
Ion Ratio Lower Upper

164 100

166 0.0 106.8 160.2#

129 0.0 78.8 118.2#

131 0.0 78.7 118.1#

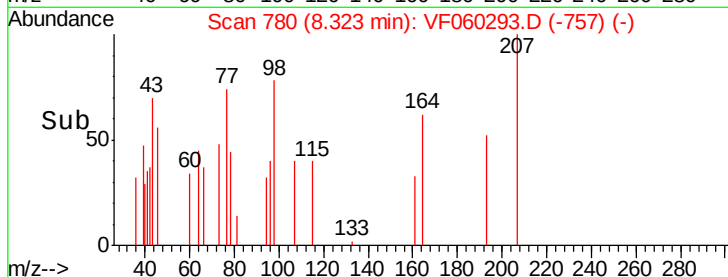


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

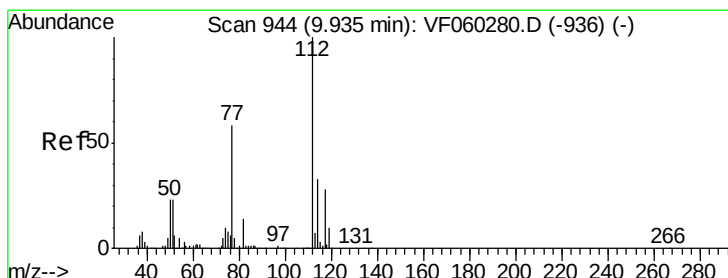
Ion 130.90 (130.60 to 131.60): V



Abundance

8.32

Time-->



#65

Chlorobenzene

Concen: 42.021 ug/l

RT: 9.82 min Scan# 932

Delta R.T. -0.11 min

Lab File: VF060293.D

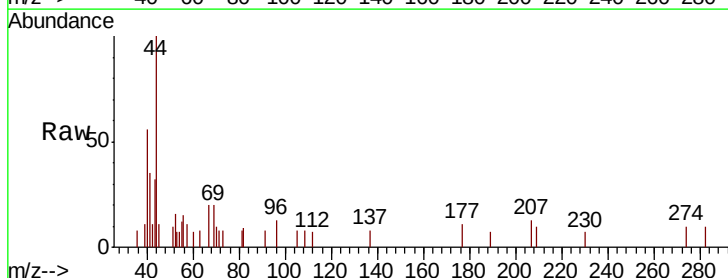
Acq: 19 Sep 2018 21:50

Tgt Ion:112 Resp: 60

Ion Ratio Lower Upper

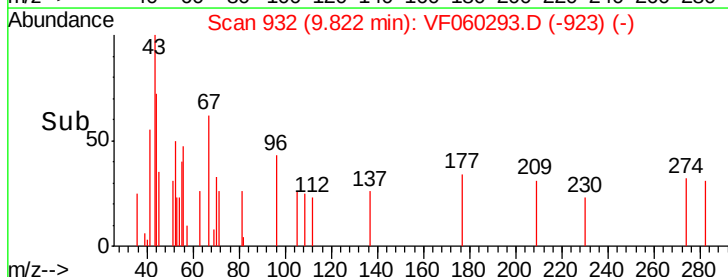
112 100

114 0.0 26.6 40.0#



Abundance Ion 112.00 (111.70 to 112.70): V

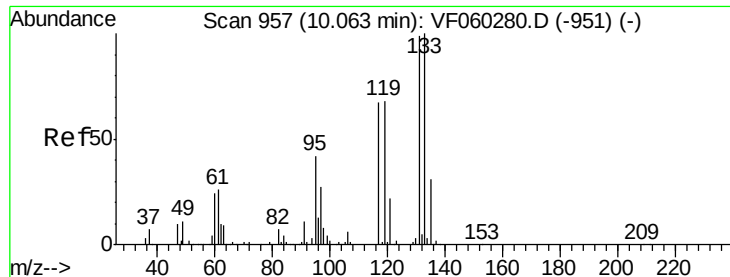
Ion 114.00 (113.70 to 114.70): V



Abundance

9.82

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 123.195 ug/l

RT: 10.09 min Scan# 959

Delta R.T. 0.02 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

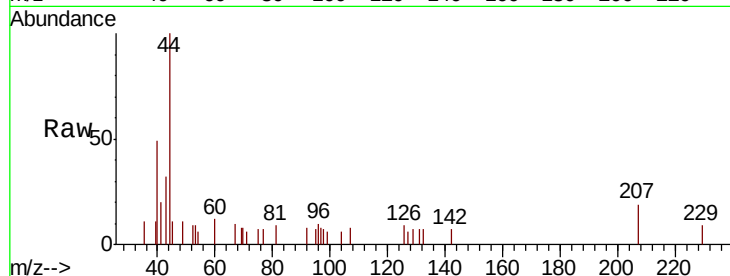
Tgt Ion:131 Resp: 73

Ion Ratio Lower Upper

131 100

133 0.0 50.4 151.2#

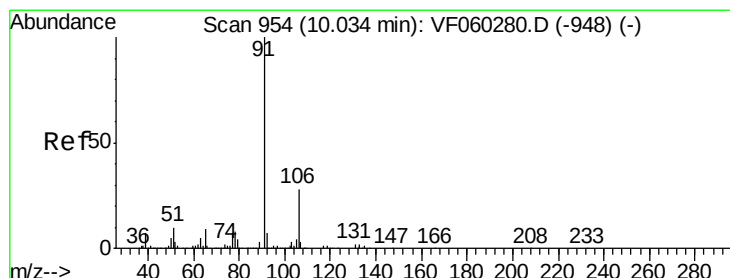
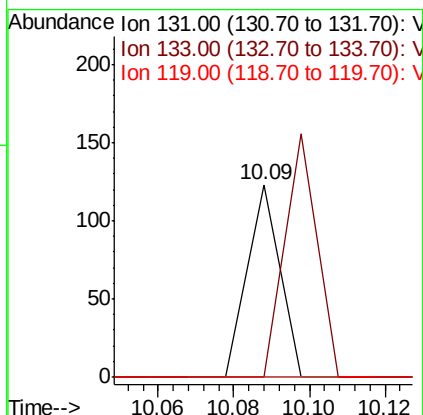
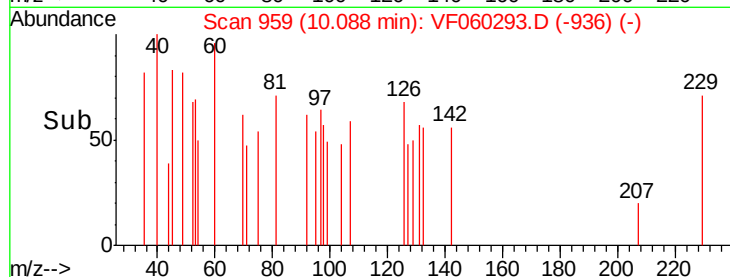
119 0.0 34.8 104.3#



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: 25.000 ug/l

RT: 10.02 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF060293.D

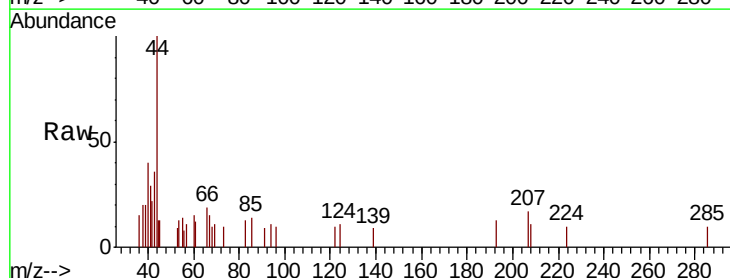
Acq: 19 Sep 2018 21:50

Tgt Ion: 91 Resp: 66

Ion Ratio Lower Upper

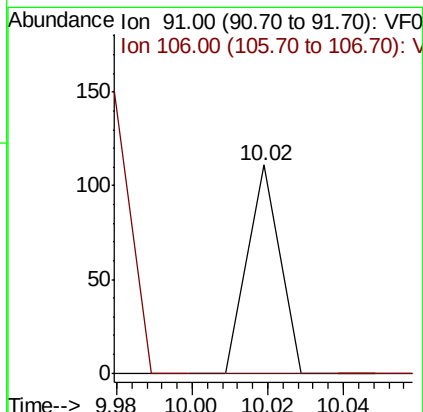
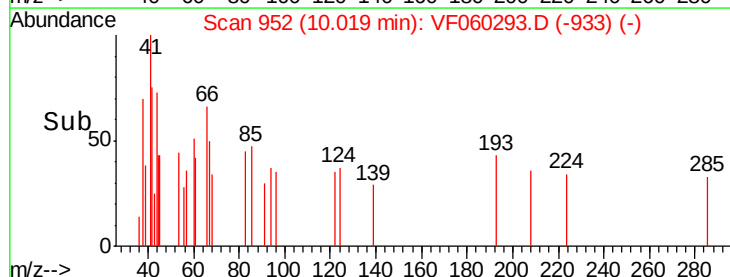
91 100

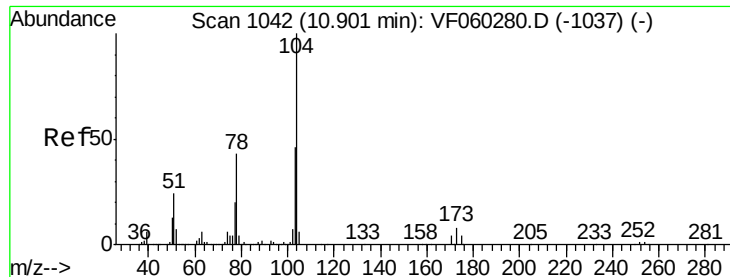
106 0.0 22.7 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V





#70

Styrene

Concen: 42.973 ug/l

RT: 10.85 min Scan# 1036

Delta R.T. -0.05 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

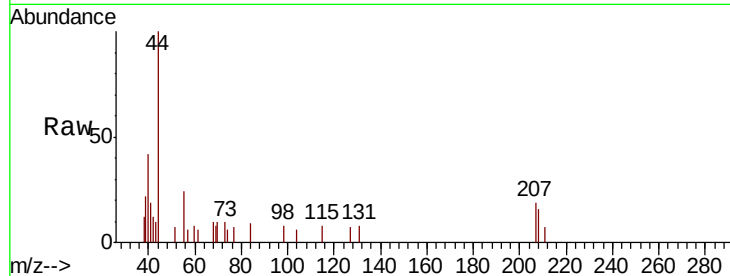
Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

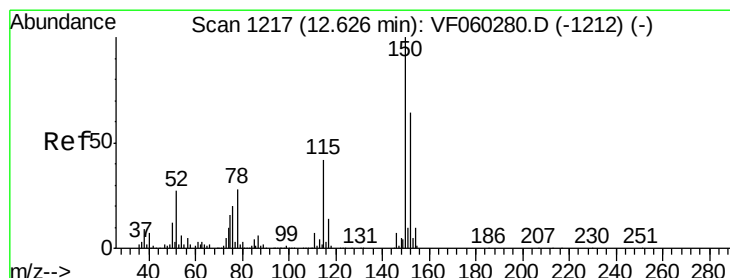
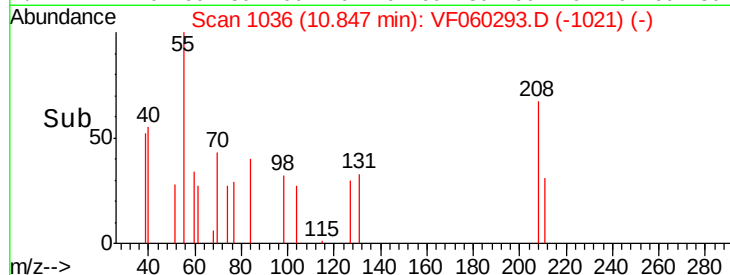
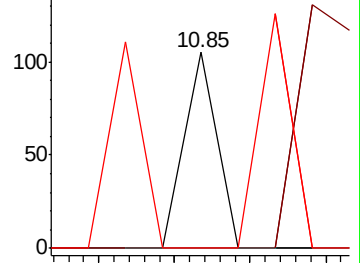
Tgt Ion:	104	Resp:	62
Ion	Ratio	Lower	Upper
104	100		
78	0.0	35.0	52.6#
103	0.0	37.4	56.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

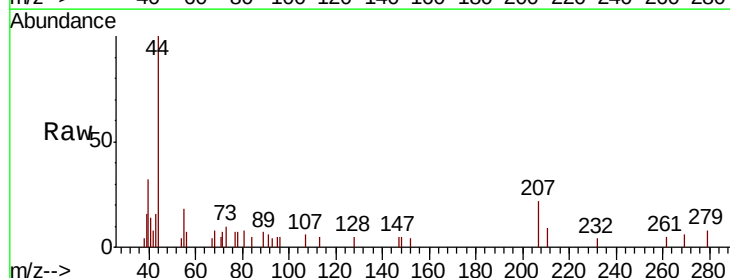
RT: 12.65 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

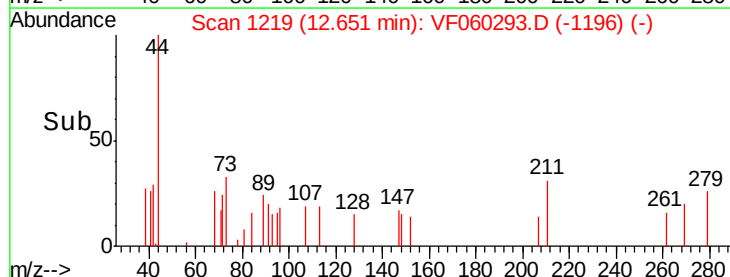
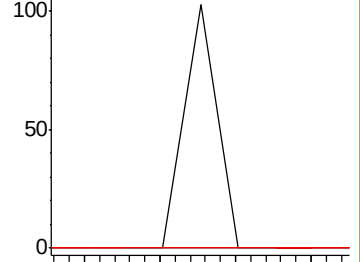
Tgt Ion:	152	Resp:	61
Ion	Ratio	Lower	Upper
152	100		
115	0.0	32.6	97.8#
150	0.0	0.0	314.2

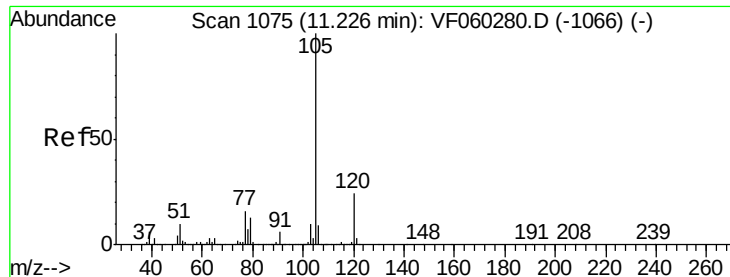


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 10.957 ug/l

RT: 11.32 min Scan# 1084

Delta R.T. 0.09 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

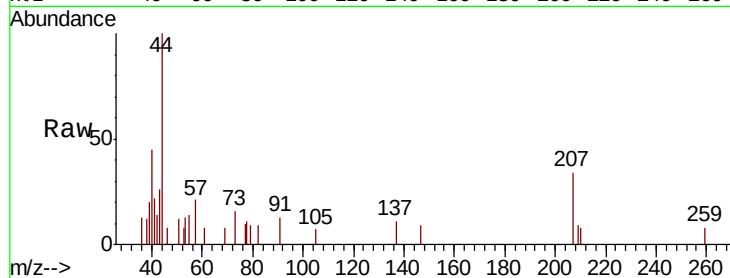
SA-01-091918RE

Tgt Ion: 105 Resp: 60

Ion Ratio Lower Upper

105 100

120 0.0 12.2 36.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.32

100

80

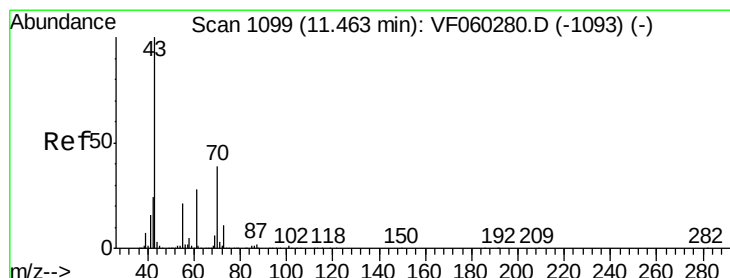
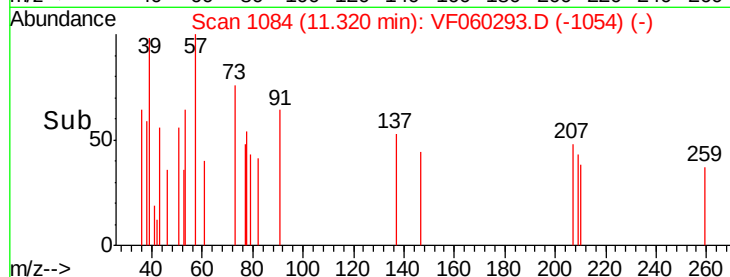
60

40

20

0

Time-->



#74

N-amyl acetate

Concen: 325.410 ug/l

RT: 11.47 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Tgt Ion: 43 Resp: 380

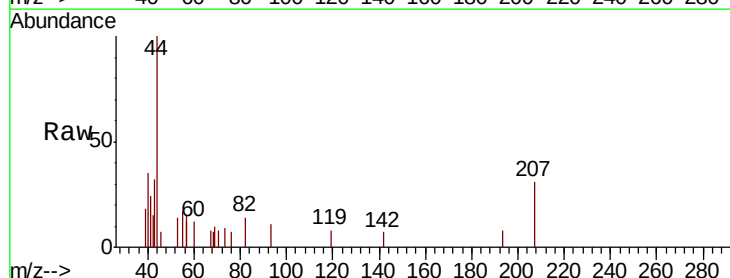
Ion Ratio Lower Upper

43 100

70 24.6 31.4 47.2#

55 52.4 16.8 25.2#

61 0.0 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

800

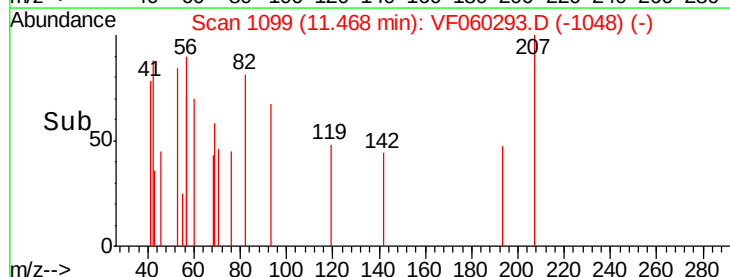
600

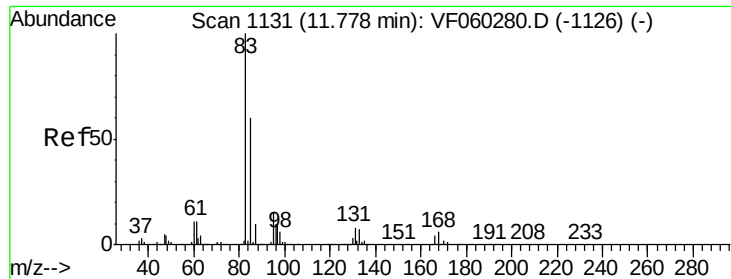
400

200

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 167.956 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

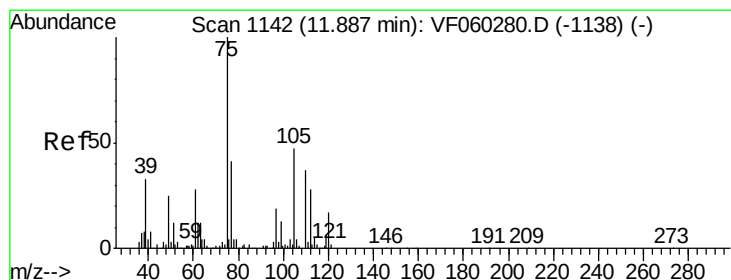
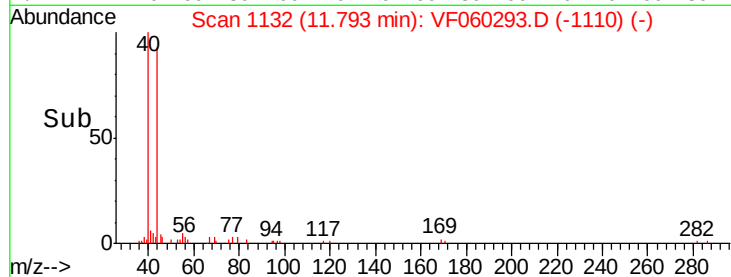
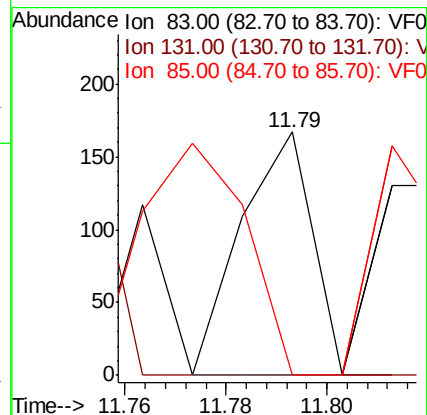
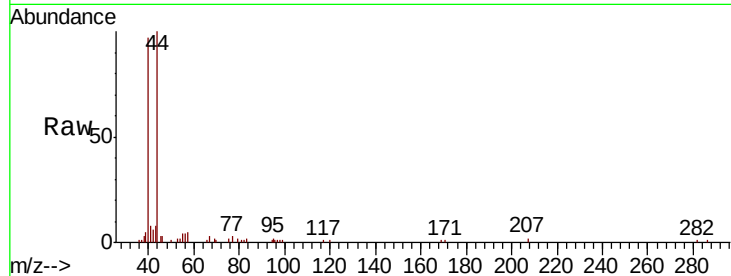
Tgt Ion: 83 Resp: 163

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

85 0.0 30.1 90.5#



#76

1,2,3-Trichloropropane

Concen: 90.662 ug/l

RT: 11.96 min Scan# 1149

Delta R.T. 0.07 min

Lab File: VF060293.D

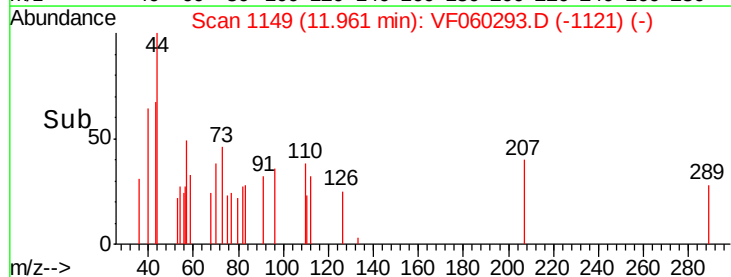
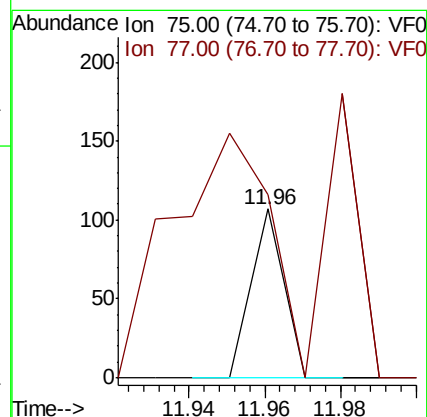
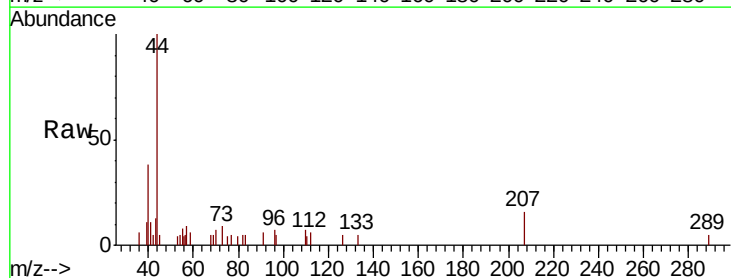
Acq: 19 Sep 2018 21:50

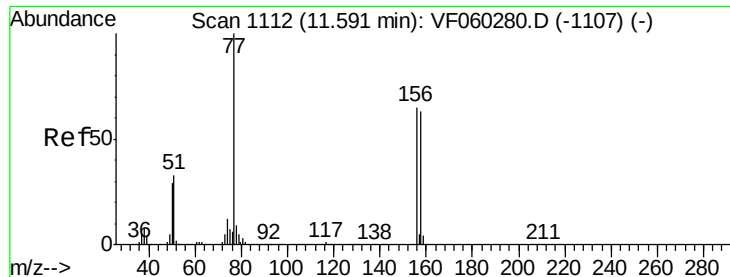
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 108.4 20.5 61.5#





#77

Bromobenzene

Concen: 55.924 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.17 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

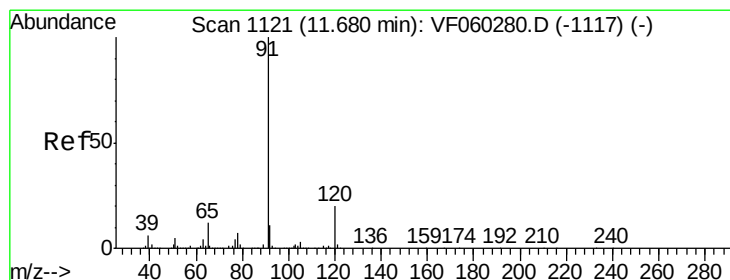
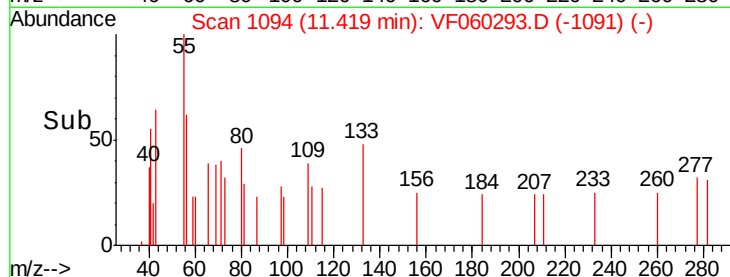
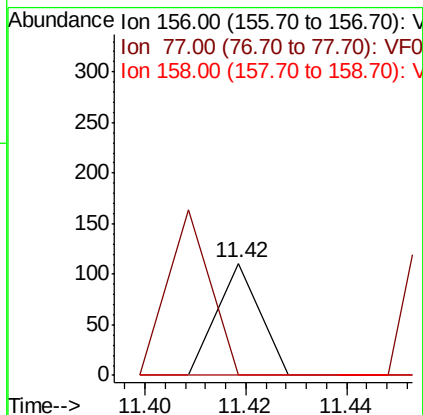
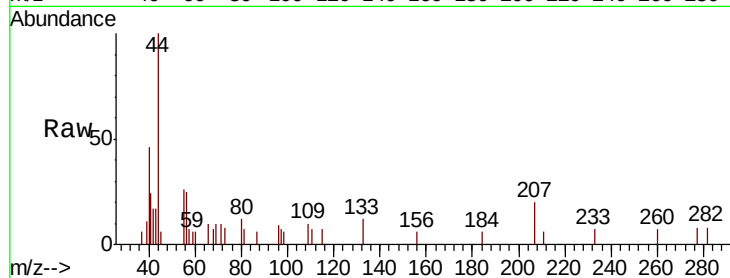
MSVOA_F

ClientSampleId :

SA-01-091918RE

Tgt Ion:156 Resp: 66

Ion	Ratio	Lower	Upper
156	100		
77	0.0	77.3	232.1#
158	0.0	48.4	145.2#



#78

n-propylbenzene

Concen: 17.117 ug/l

RT: 11.71 min Scan# 1124

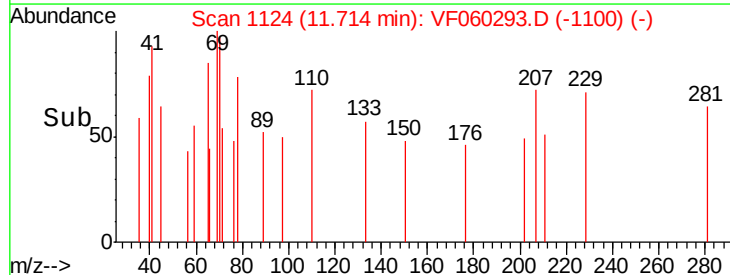
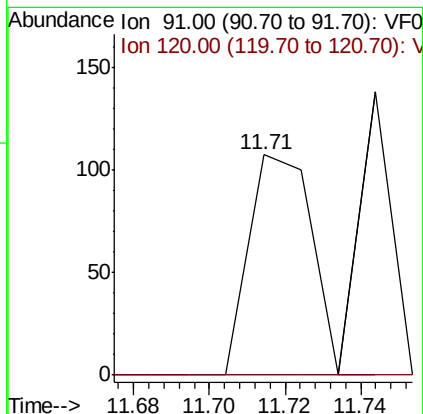
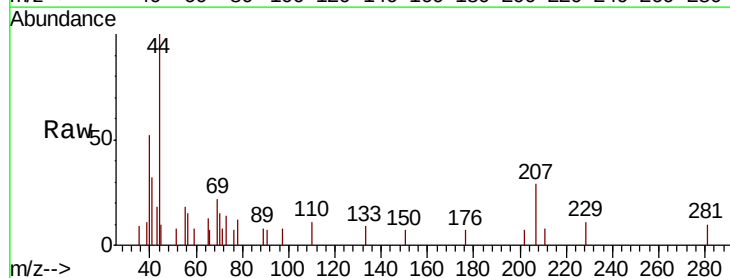
Delta R.T. 0.04 min

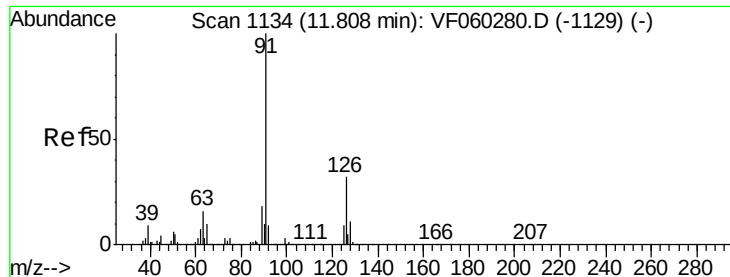
Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Tgt Ion: 91 Resp: 122

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.0	29.8#

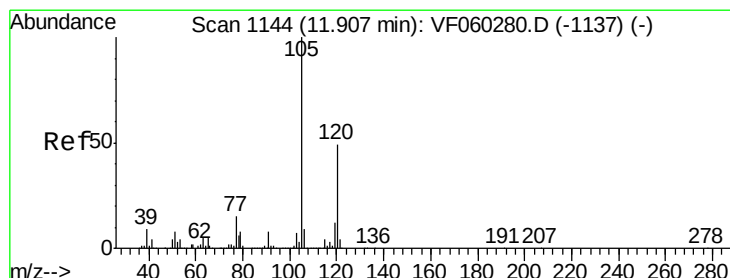
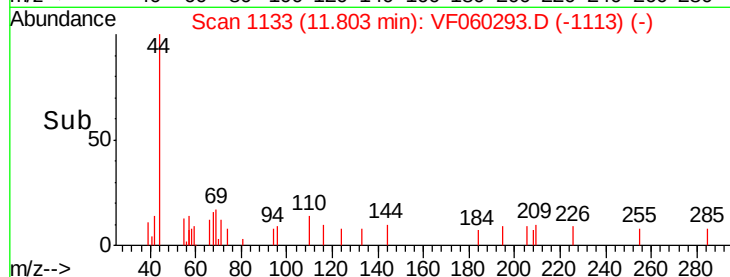
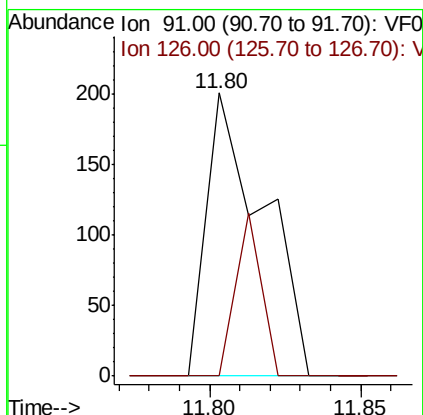
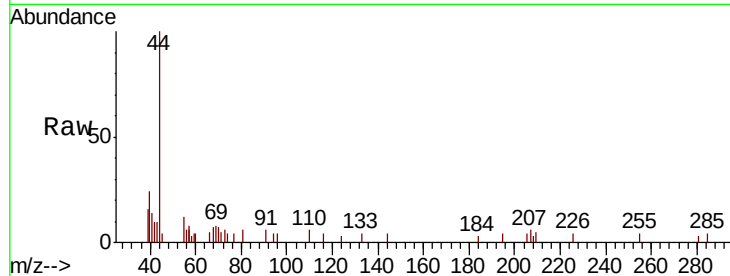




#79
 2-Chlorotoluene
 Concen: 70.656 ug/l
 RT: 11.80 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

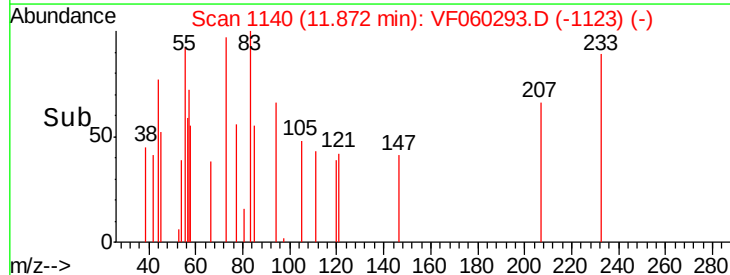
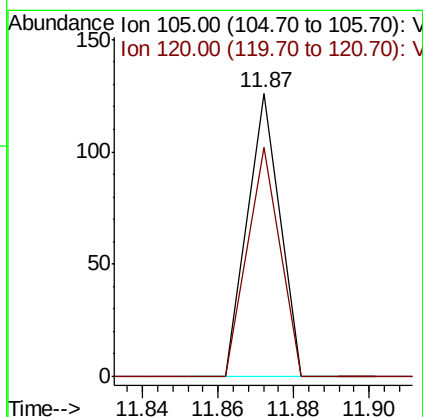
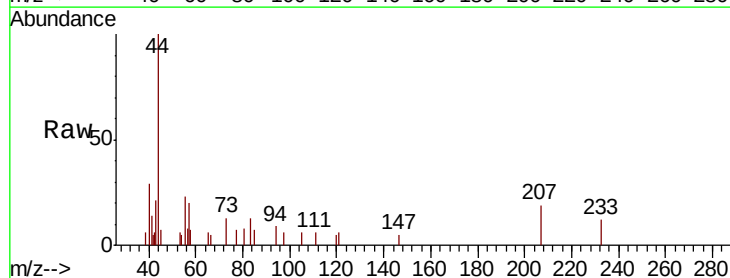
Instrument :
 MSVOA_F
 ClientSampleId :
 SA-01-091918RE

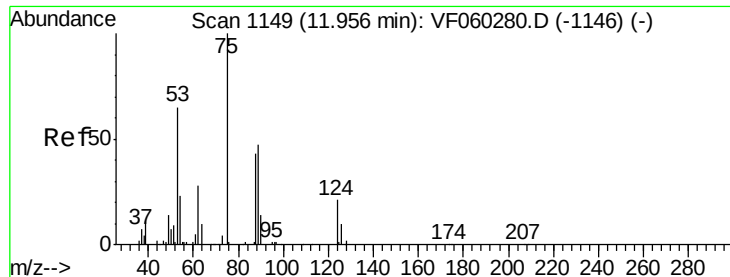
Tgt Ion: 91 Resp: 261
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.1 48.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 17.014 ug/l
 RT: 11.87 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: VF060293.D
 Acq: 19 Sep 2018 21:50

Tgt Ion: 105 Resp: 75
 Ion Ratio Lower Upper
 105 100
 120 81.0 24.4 73.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 171.555 ug/l

RT: 11.96 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

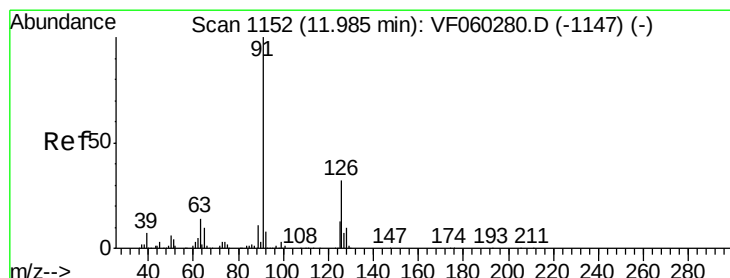
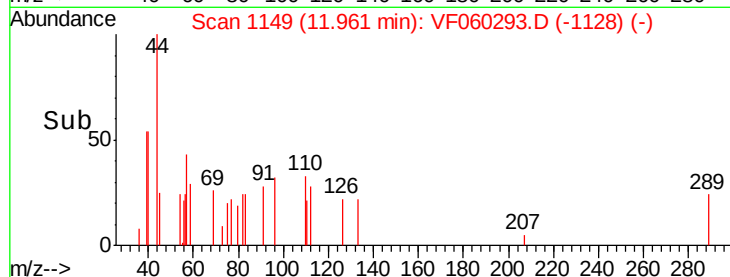
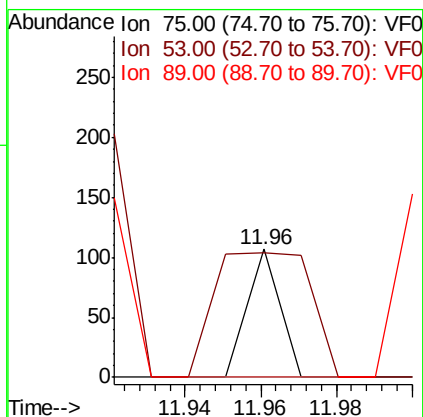
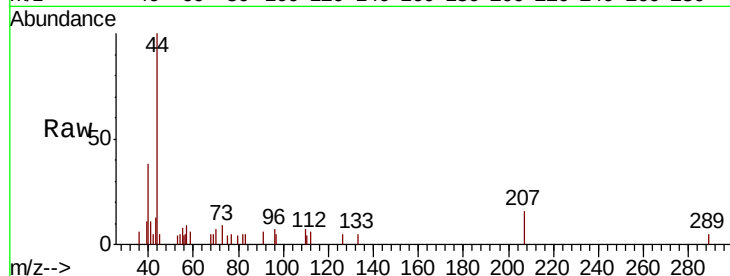
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

53 97.2 56.5 84.7#

89 0.0 40.6 60.8#



#82

4-Chlorotoluene

Concen: 64.641 ug/l

RT: 11.96 min Scan# 1149

Delta R.T. -0.02 min

Lab File: VF060293.D

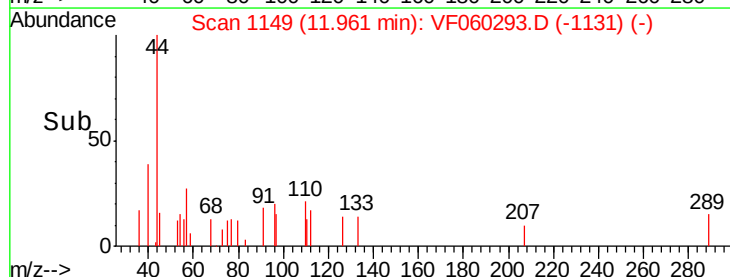
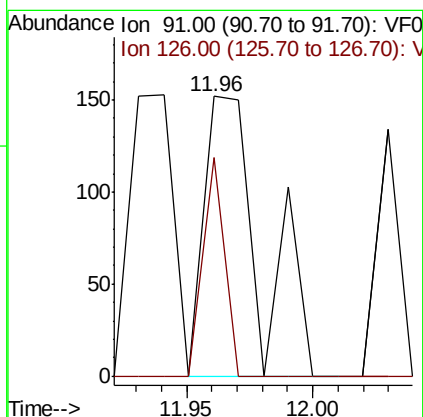
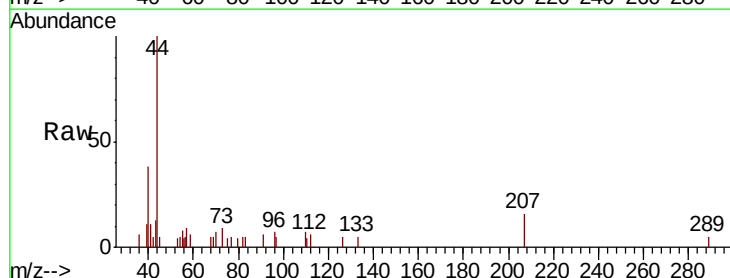
Acq: 19 Sep 2018 21:50

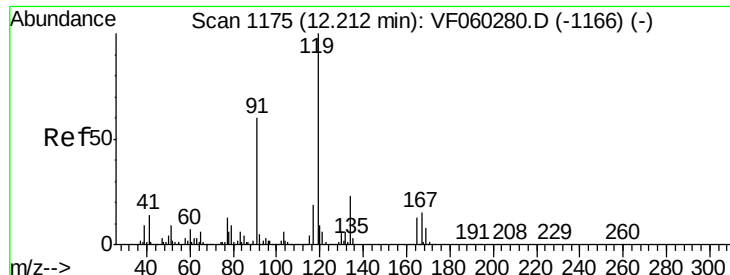
Tgt Ion: 91 Resp: 240

Ion Ratio Lower Upper

91 100

126 78.3 16.1 48.2#





#83

tert-Butylbenzene

Concen: 16.784 ug/l

RT: 12.19 min Scan# 1172

Delta R.T. -0.02 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

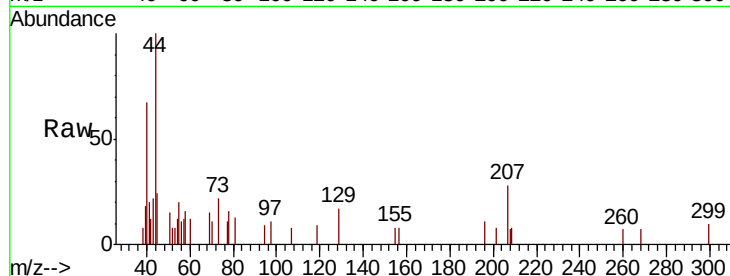
Tgt Ion:119 Resp: 75

Ion Ratio Lower Upper

119 100

91 0.0 30.3 91.0#

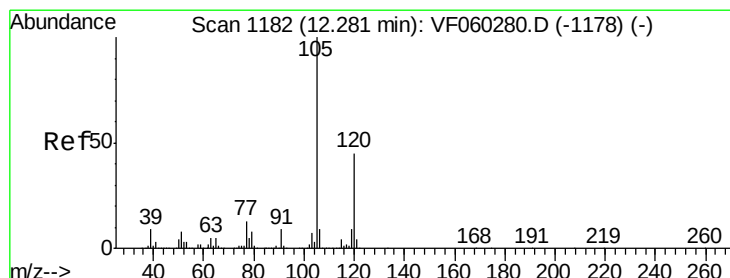
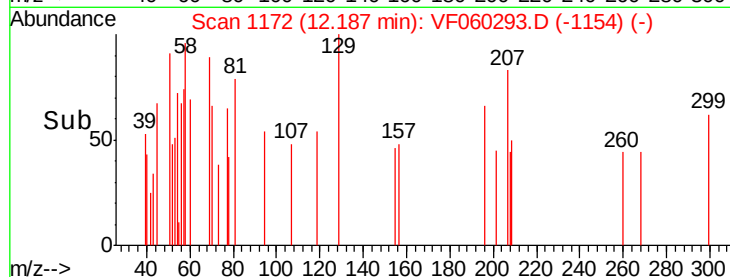
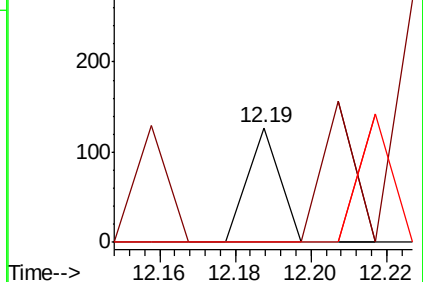
134 0.0 11.6 34.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 15.415 ug/l

RT: 12.20 min Scan# 1173

Delta R.T. -0.08 min

Lab File: VF060293.D

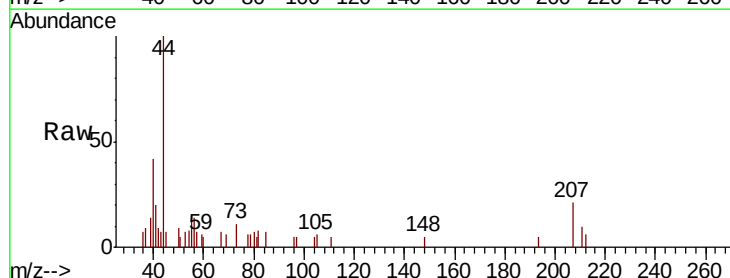
Acq: 19 Sep 2018 21:50

Tgt Ion:105 Resp: 69

Ion Ratio Lower Upper

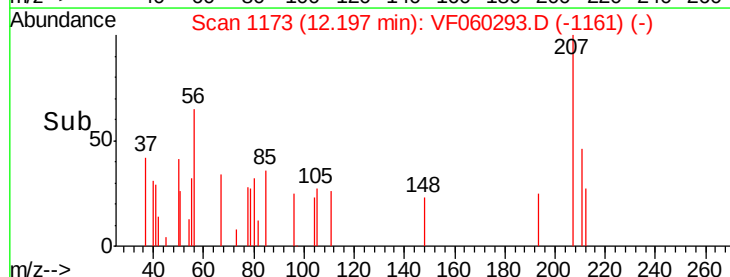
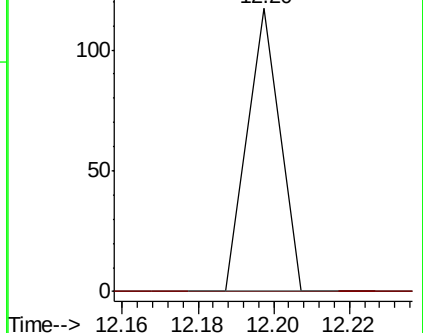
105 100

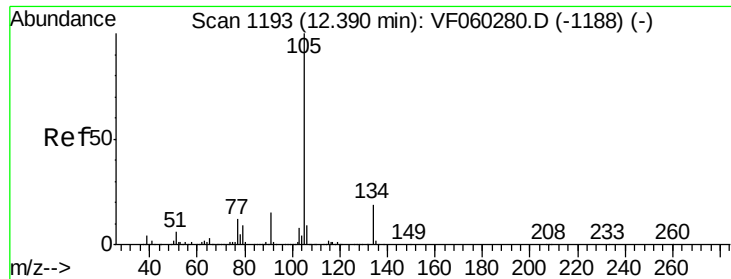
120 0.0 22.4 67.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 37.733 ug/l

RT: 12.48 min Scan# 1202

Delta R.T. 0.09 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

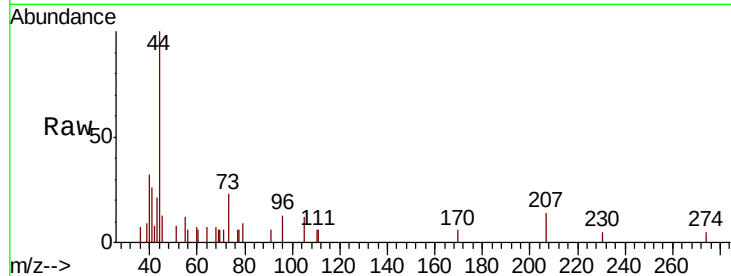
SA-01-091918RE

Tgt Ion:105 Resp: 207

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.48

250

200

150

100

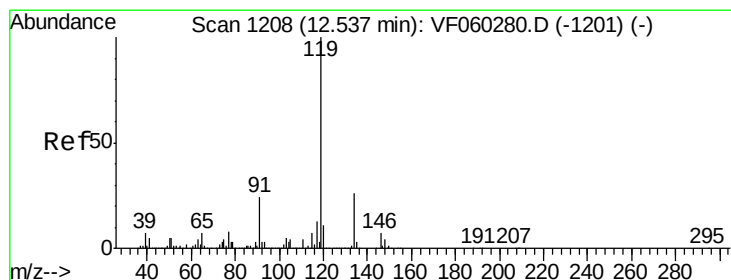
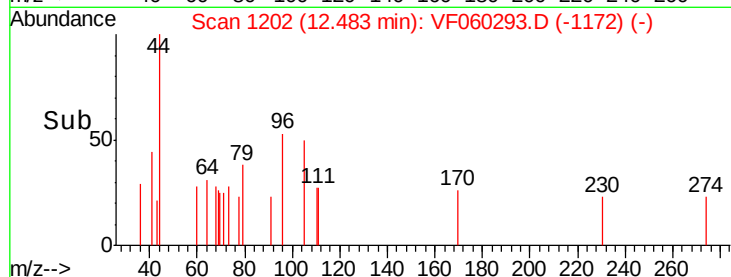
50

0

12.45

12.50

Time-->



#86

p-Isopropyltoluene

Concen: 7.448 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.02 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

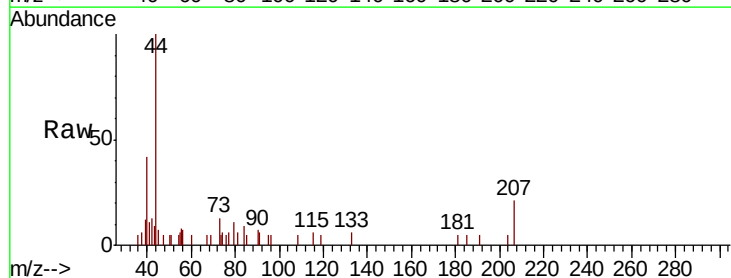
Tgt Ion:119 Resp: 59

Ion Ratio Lower Upper

119 100

134 0.0 12.9 38.7#

91 135.0 11.9 35.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

250

200

150

100

50

0

12.52

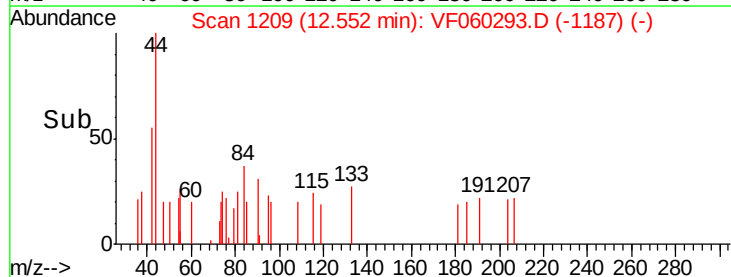
12.54

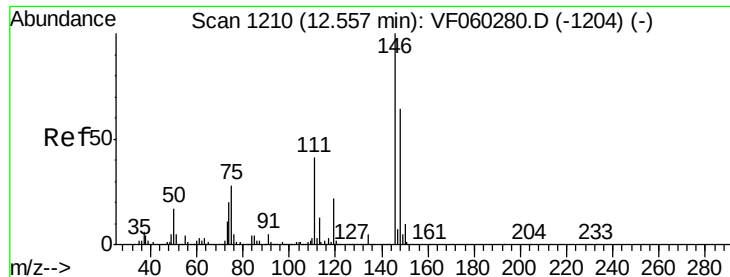
12.55

12.56

12.58

Time-->





#87

1,3-Dichlorobenzene

Concen: 31.741 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

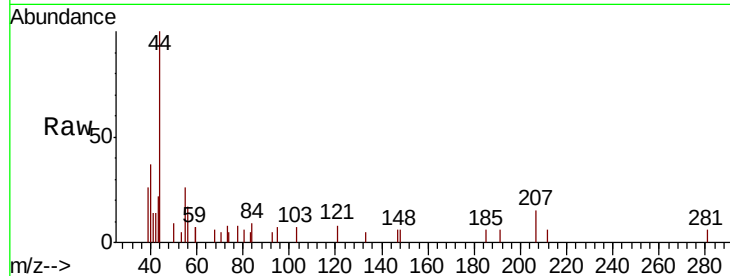
Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

Tgt Ion:	146	Resp:	70
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.6#
148	95.0	32.2	96.6

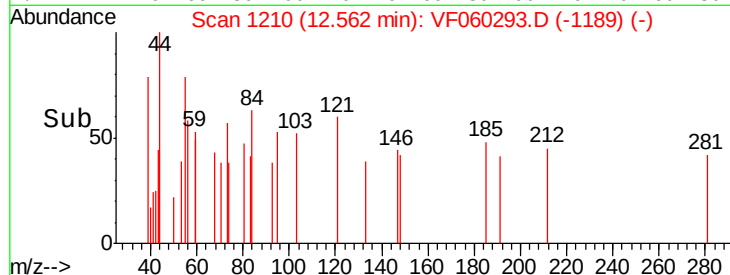


Abundance Ion 146.00 (145.70 to 146.70): V

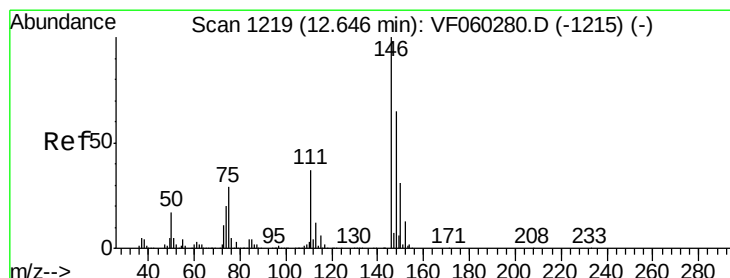
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

12.56



Time-->



#88

1,4-Dichlorobenzene

Concen: 33.490 ug/l

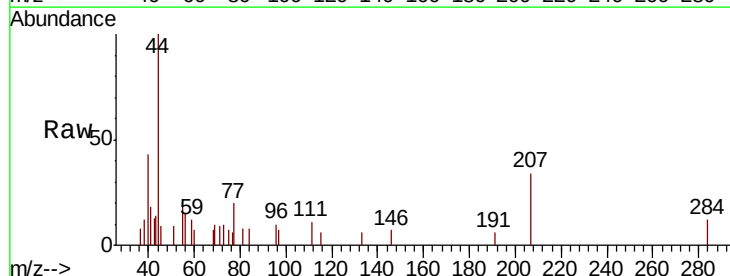
RT: 12.71 min Scan# 1225

Delta R.T. 0.06 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Tgt Ion:	146	Resp:	73
Ion	Ratio	Lower	Upper
146	100		
111	150.8	18.7	56.1#
148	0.0	32.4	97.0#

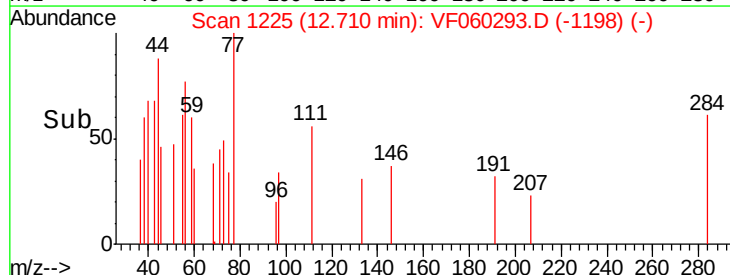


Abundance Ion 146.00 (145.70 to 146.70): V

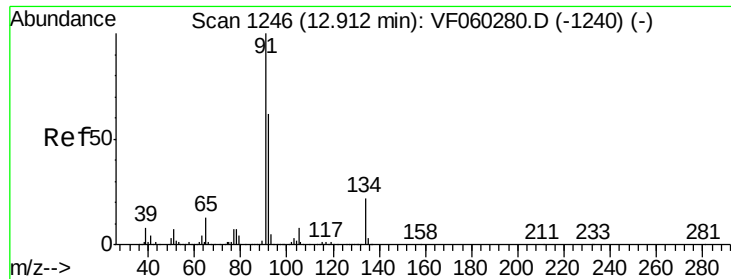
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

12.71



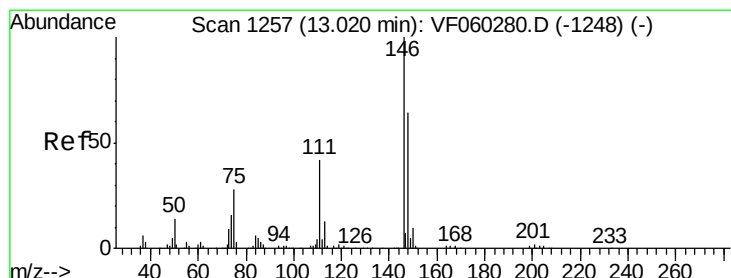
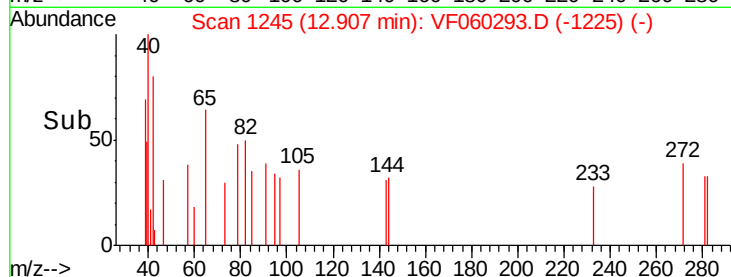
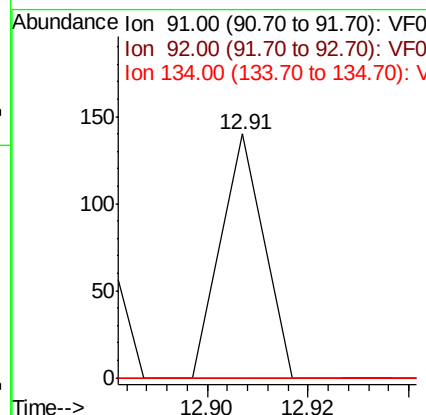
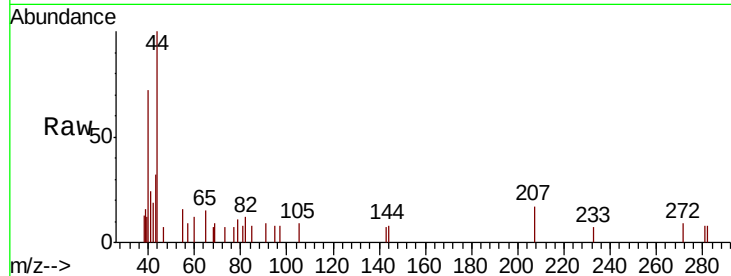
Time-->



#89
n-Butylbenzene
Concen: 13.835 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.01 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

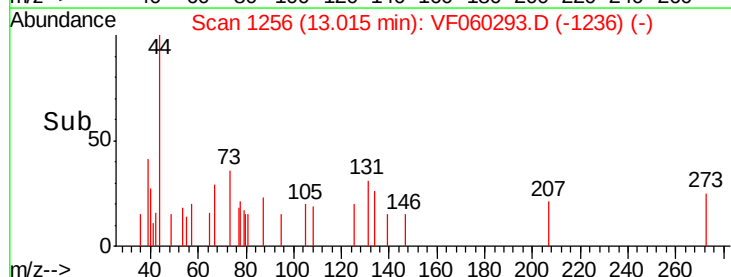
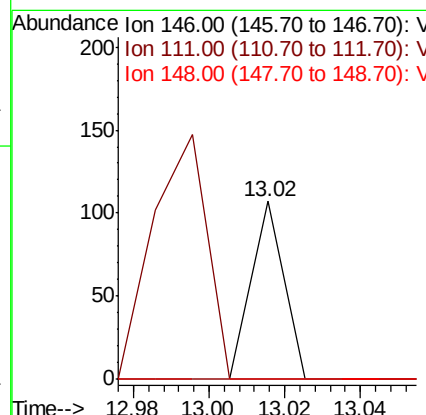
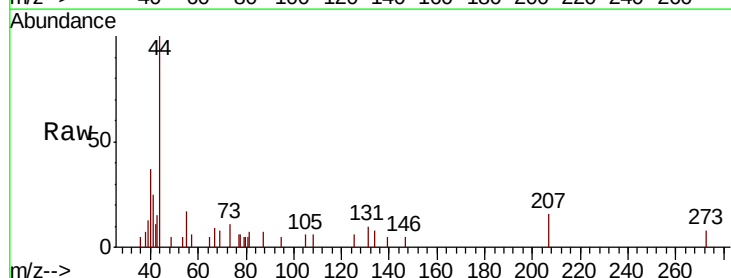
Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

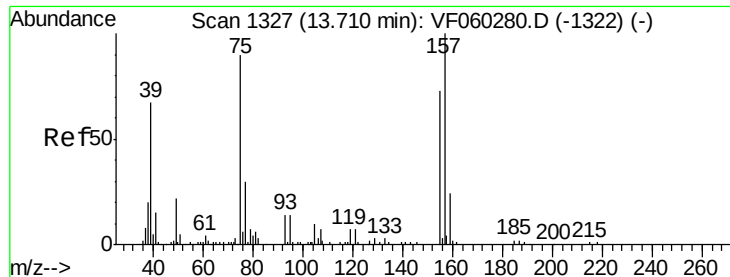
Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.1	93.5#
134	0.0	11.0	33.0#



#91
1,2-Dichlorobenzene
Concen: 29.947 ug/l
RT: 13.02 min Scan# 1256
Delta R.T. -0.01 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.9	62.8#
148	0.0	31.9	95.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 927.492 ug/l

RT: 13.69 min Scan# 1324

Delta R.T. -0.02 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

SA-01-091918RE

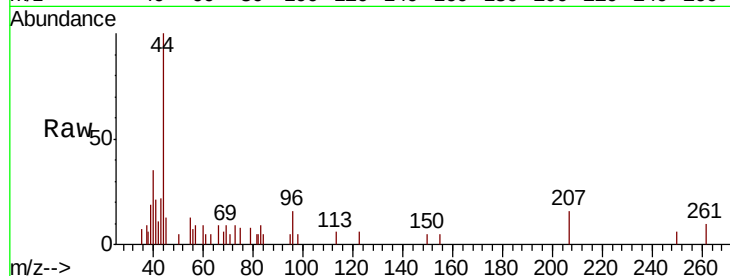
Tgt Ion: 75 Resp: 169

Ion Ratio Lower Upper

75 100

155 56.3 41.9 125.7

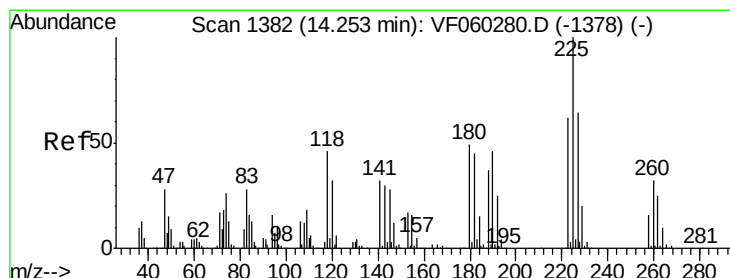
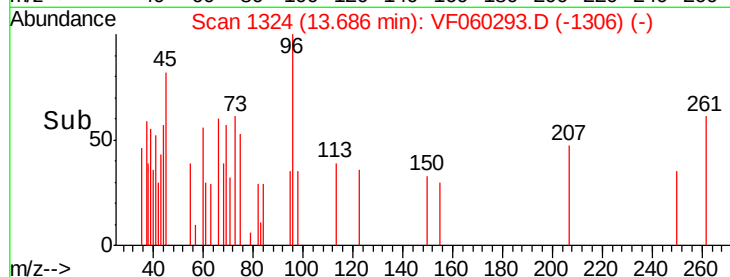
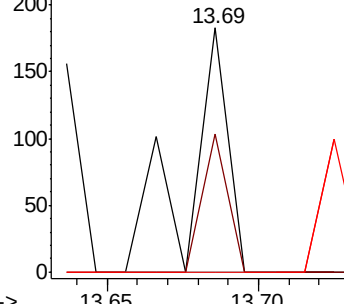
157 0.0 57.4 172.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#94

Hexachlorobutadiene

Concen: 84.166 ug/l

RT: 14.36 min Scan# 1392

Delta R.T. 0.10 min

Lab File: VF060293.D

Acq: 19 Sep 2018 21:50

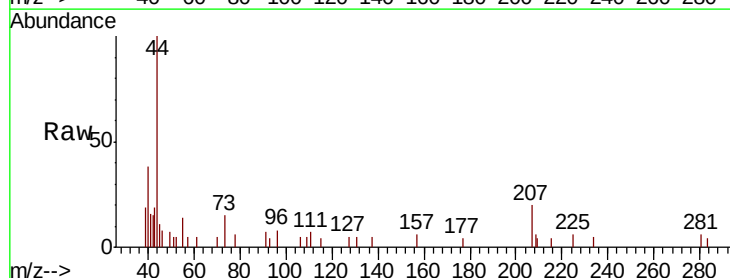
Tgt Ion: 225 Resp: 87

Ion Ratio Lower Upper

225 100

223 0.0 31.2 93.6#

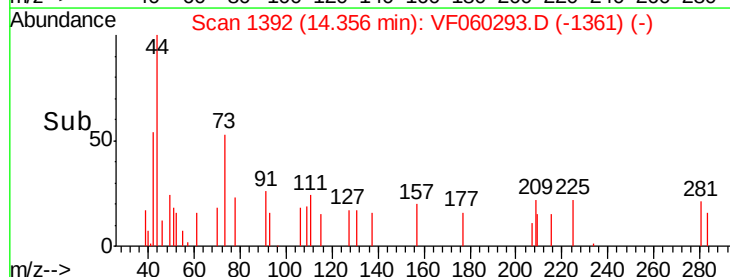
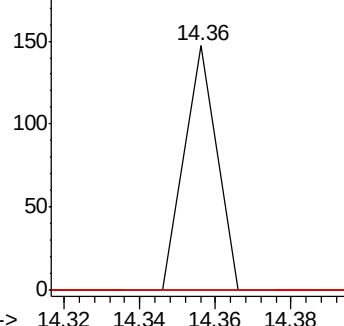
227 0.0 32.2 96.6#

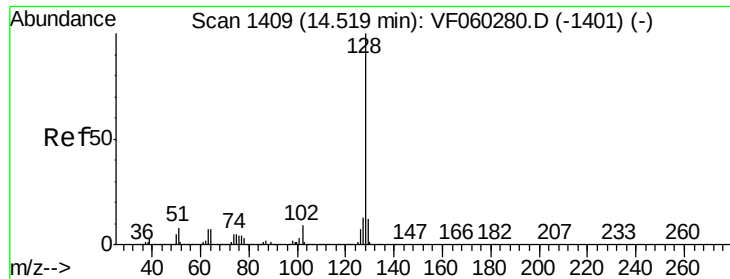


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

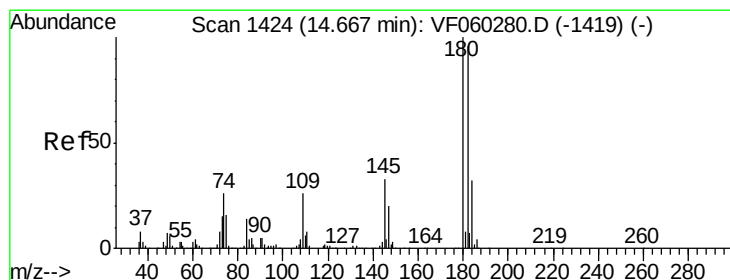
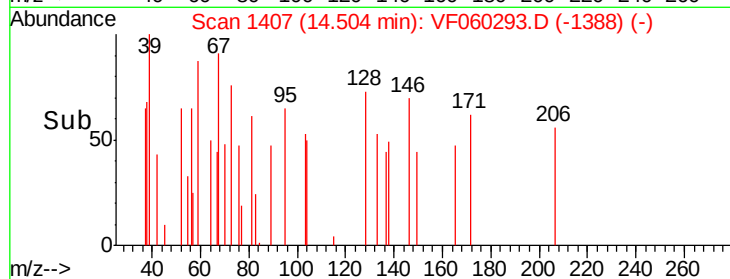
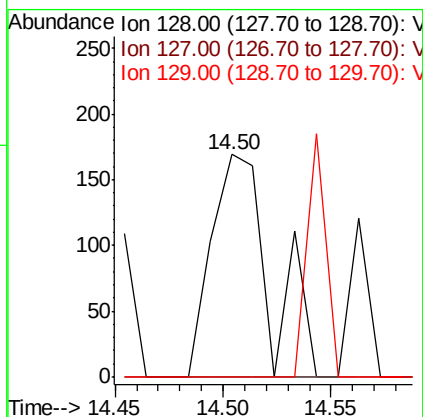
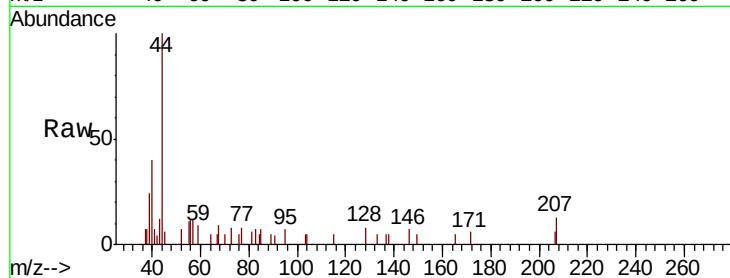




#95
Naphthalene
Concen: 120.110 ug/l
RT: 14.50 min Scan# 1407
Delta R.T. -0.01 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Instrument :
MSVOA_F
ClientSampleId :
SA-01-091918RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	9.8	14.8#



#96
1,2,3-Trichlorobenzene
Concen: 48.835 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. -0.15 min
Lab File: VF060293.D
Acq: 19 Sep 2018 21:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.4#
145	0.0	16.4	49.1#

