

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
 Data File : VF060341.D
 Acq On : 25 Sep 2018 22:50
 Operator : VA/AP
 Sample : J5055-12
 Misc : 5.90/5mL/MSVOA_F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-C

Quant Time: Sep 26 01:48:42 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	726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	995	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.94	117	222	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.72	152	379	50.00	ug/l	0.09

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	230	23.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.06%	
35) Dibromofluoromethane	4.26	113	65	7.33	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	14.66%	
50) Toluene-d8	7.69	98	464	20.09	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	40.18%	
62) 4-Bromofluorobenzene	11.51	95	1772	177.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	354.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	102	3.651	ug/l #	40
3) Chloromethane	1.15	50	102	10.310	ug/l #	1
4) Vinyl Chloride	1.23	62	97	9.620	ug/l #	43
5) Bromomethane	1.30	94	158	24.157	ug/l #	3
6) Chloroethane	1.47	64	66	13.745	ug/l #	42
7) Trichlorofluoromethane	1.69	101	166	8.837	ug/l #	18
8) Diethyl Ether	1.68	74	159	50.876	ug/l	63
9) 1,1,2-Trichlorotrifluoroet	1.92	101	61	6.106	ug/l #	23
10) Methyl Iodide	1.92	142	74	4.594	ug/l #	24
11) Tert butyl alcohol	2.68	59	82	143.155	ug/l #	63
12) 1,1-Dichloroethene	1.85	96	308	37.280	ug/l #	1
13) Acrolein	2.06	56	267	1201.103	ug/l	97
14) Allyl chloride	2.18	41	540	37.455	ug/l #	57
15) Acrylonitrile	3.04	53	246	178.173	ug/l #	39
16) Acetone	2.35	43	628	228.108	ug/l #	59
17) Carbon Disulfide	1.88	76	95	Below Cal	#	70
18) Methyl Acetate	2.49	43	671	146.302	ug/l #	62
19) Methyl tert-butyl Ether	2.53	73	155	7.526	ug/l #	59
21) trans-1,2-Dichloroethene	2.41	96	171	20.040	ug/l #	1
22) Diisopropyl ether	2.91	45	237	8.713	ug/l #	46
23) Vinyl Acetate	3.31	43	1019	95.381	ug/l #	79
24) 1,1-Dichloroethane	3.00	63	235	13.321	ug/l #	89
25) 2-Butanone	4.53	43	262	70.703	ug/l #	56
26) 2,2-Dichloropropane	3.77	77	306	30.400	ug/l #	58
27) cis-1,2-Dichloroethene	3.61	96	88	7.850	ug/l	1
28) Bromochloromethane	3.89	49	122	17.763	ug/l #	8
29) Tetrahydrofuran	4.23	42	365	268.973	ug/l #	63
30) Chloroform	4.01	83	72	3.383	ug/l #	15
31) Cyclohexane	3.90	56	436	29.260	ug/l #	27
32) 1,1,1-Trichloroethane	4.31	97	89	5.299	ug/l #	21
36) 1,1-Dichloropropene	4.46	75	88	7.090	ug/l #	20
37) Ethyl Acetate	4.28	43	632	120.346	ug/l #	1
38) Carbon Tetrachloride	4.21	117	77	5.776	ug/l #	14
39) Methylcyclohexane	5.63	83	132	9.813	ug/l #	16

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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)
40) Benzene	4.74	78	60	2.132	ug/l #	1
41) Methacrylonitrile	4.91	41	448	157.215	ug/l #	23
42) 1,2-Dichloroethane	5.06	62	65	6.275	ug/l	79
43) Isopropyl Acetate	7.08	43	659	104.237	ug/l #	95
44) Trichloroethene	5.66	130	76	9.074	ug/l	93
45) 1,2-Dichloropropane	6.39	63	94	12.906	ug/l #	42
46) Dibromomethane	6.23	93	77	14.790	ug/l #	5
47) Bromodichloromethane	6.54	83	350	27.975	ug/l #	26
48) Methyl methacrylate	6.87	41	1023	230.512	ug/l #	55
49) 1,4-Dioxane	6.88	88	106	2673.496	ug/l #	12
51) 4-Methyl-2-Pentanone	8.45	43	447	91.735	ug/l	95
52) Toluene	7.77	92	67	3.763	ug/l #	1
53) t-1,3-Dichloropropene	8.39	75	77	7.630	ug/l #	42
54) cis-1,3-Dichloropropene	7.44	75	85	6.686	ug/l #	1
55) 1,1,2-Trichloroethane	8.63	97	85	15.730	ug/l #	63
56) Ethyl methacrylate	8.73	69	725	111.094	ug/l #	75
57) 1,3-Dichloropropane	8.98	76	67	7.488	ug/l #	40
58) 2-Chloroethyl Vinyl ether	7.70	63	130	225.335	ug/l	100
59) 2-Hexanone	9.56	43	182	52.458	ug/l	68
60) Dibromochloromethane	8.95	129	78	9.685	ug/l #	13
61) 1,2-Dibromoethane	9.06	107	202	33.570	ug/l	87
65) Chlorobenzene	9.93	112	76	15.105	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.14	131	105	50.286	ug/l	93
67) Ethyl Benzene	10.01	91	874	93.948	ug/l #	46
68) m/p-Xylenes	10.21	106	79	24.579	ug/l	74
69) o-Xylene	10.80	106	165	45.770	ug/l	86
70) Styrene	10.96	104	165	32.455	ug/l #	43
71) Bromoform	10.89	173	106	92.434	ug/l #	31
73) Isopropylbenzene	11.32	105	370	10.875	ug/l	76
74) N-amyl acetate	11.45	43	1280	176.420	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.78	83	809	134.167	ug/l #	43
76) 1,2,3-Trichloropropane	11.90	75	230	53.273	ug/l #	1
77) Bromobenzene	11.60	156	184	25.094	ug/l #	16
78) n-propylbenzene	11.68	91	738	16.401	ug/l	87
79) 2-Chlorotoluene	11.84	91	1457	63.484	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.93	105	701	25.595	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.96	75	67	29.365	ug/l #	1
82) 4-Chlorotoluene	12.01	91	486	21.068	ug/l #	43
83) tert-Butylbenzene	12.25	119	710	25.573	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.29	105	400	14.383	ug/l	76
85) sec-Butylbenzene	12.29	105	400	4.821	ug/l	93
86) p-Isopropyltoluene	12.53	119	1038	38.337	ug/l #	1
87) 1,3-Dichlorobenzene	12.57	146	387	28.244	ug/l #	1
88) 1,4-Dichlorobenzene	12.67	146	616	45.485	ug/l #	1
89) n-Butylbenzene	12.91	91	920	28.993	ug/l #	53
90) Hexachloroethane	13.08	117	1313	169.005	ug/l	69
91) 1,2-Dichlorobenzene	13.01	146	1099	84.081	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.72	75	649	573.269	ug/l	68
93) 1,2,4-Trichlorobenzene	14.31	180	804	84.628	ug/l #	1
95) Naphthalene	14.49	128	448	26.896	ug/l #	12

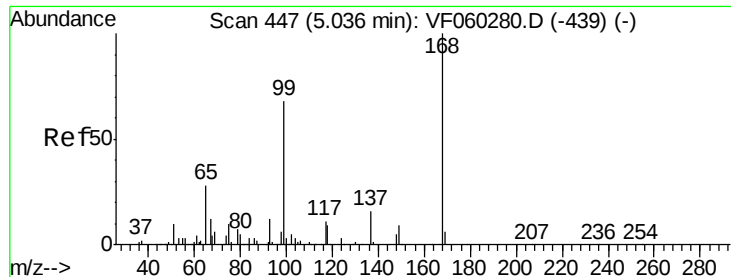
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QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.68	180	469	53.425	ug/l #	9

(#) = 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: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

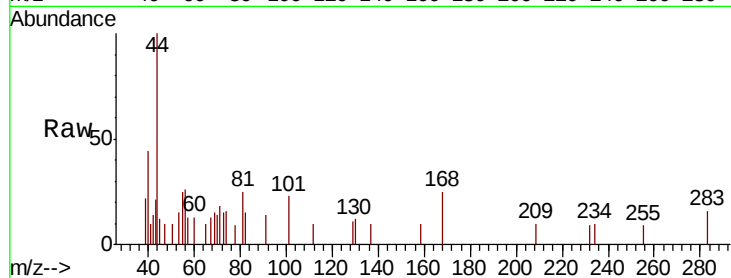
TP-C

Tgt Ion:168 Resp: 726

Ion Ratio Lower Upper

168 100

99 0.0 54.8 82.2#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

300

200

100

0

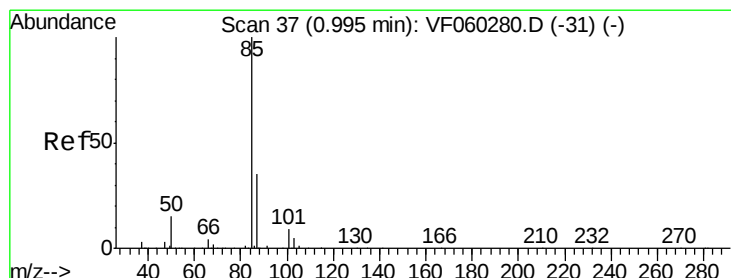
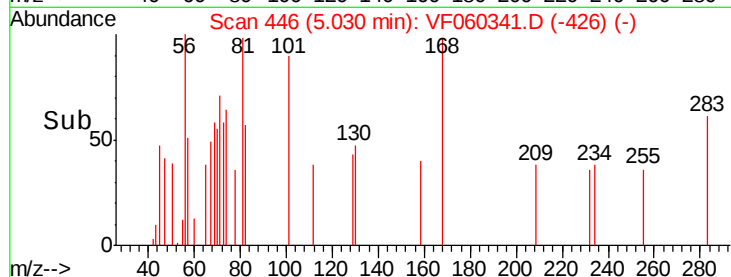
4.95

5.00

5.05

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 3.651 ug/l

RT: 0.99 min Scan# 36

Delta R.T. -0.01 min

Lab File: VF060341.D

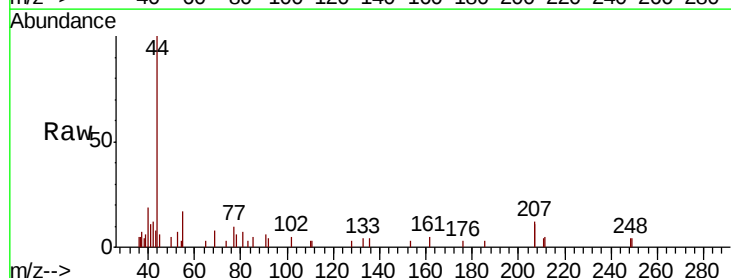
Acq: 25 Sep 2018 22:50

Tgt Ion: 85 Resp: 102

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

200

150

100

50

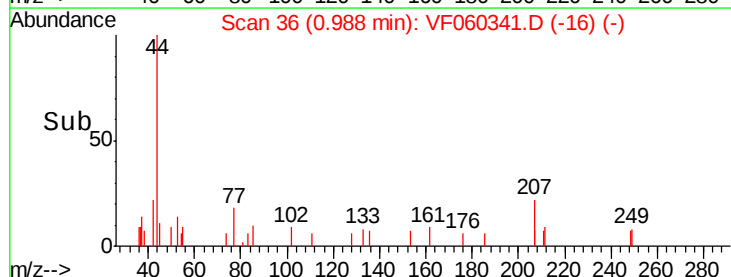
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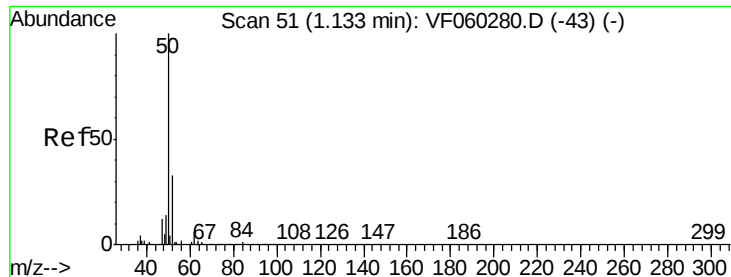
0.98

0.99

1.00

Time-->





#3

Chloromethane

Concen: 10.310 ug/l

RT: 1.15 min Scan# 52

Delta R.T. 0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

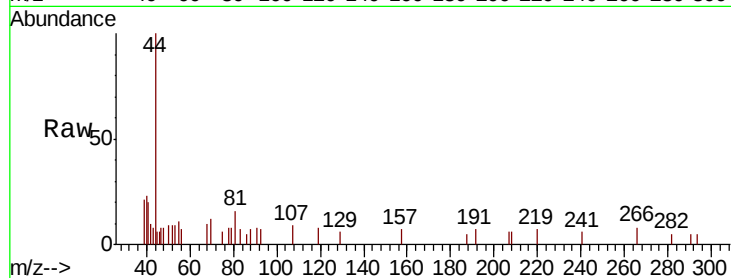
TP-C

Tgt Ion: 50 Resp: 102

Ion Ratio Lower Upper

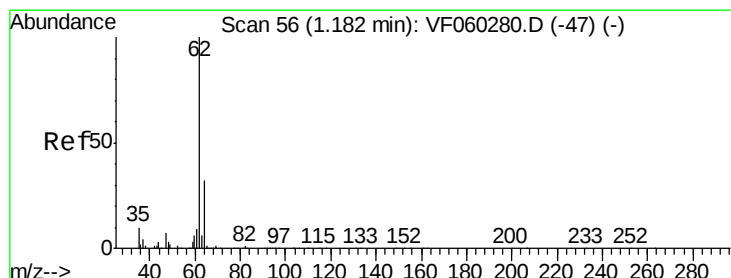
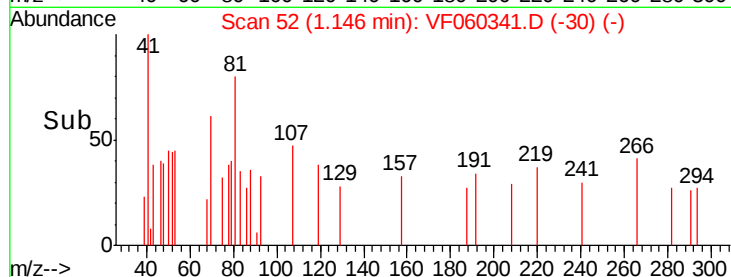
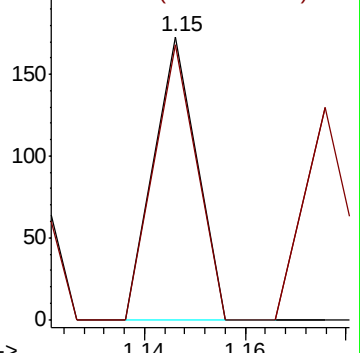
50 100

52 97.1 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: 9.620 ug/l

RT: 1.23 min Scan# 60

Delta R.T. 0.04 min

Lab File: VF060341.D

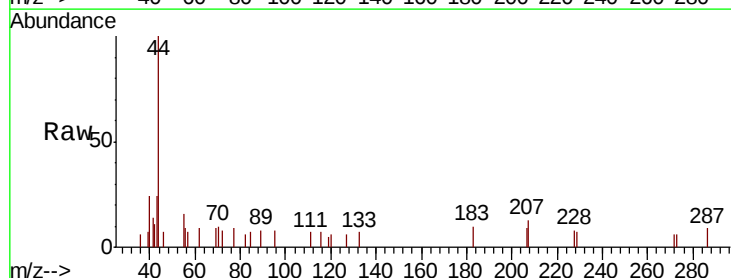
Acq: 25 Sep 2018 22:50

Tgt Ion: 62 Resp: 97

Ion Ratio Lower Upper

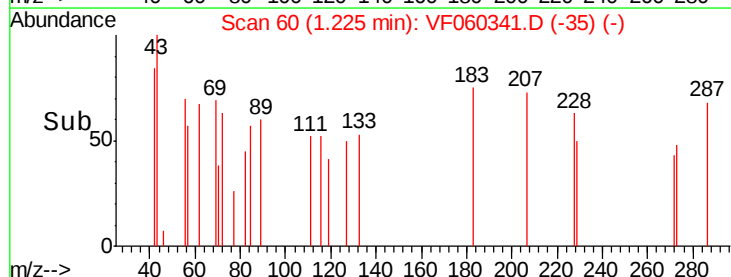
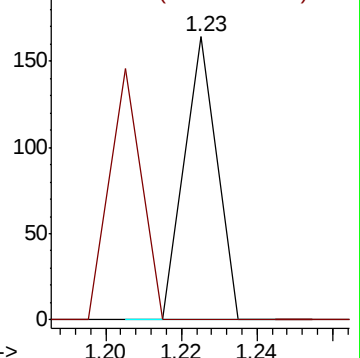
62 100

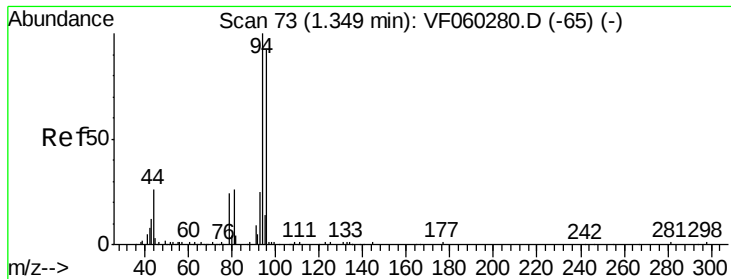
64 0.0 25.2 37.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 24.157 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.05 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

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ClientSampleID :

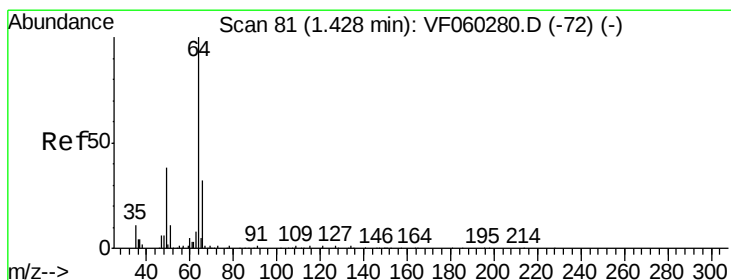
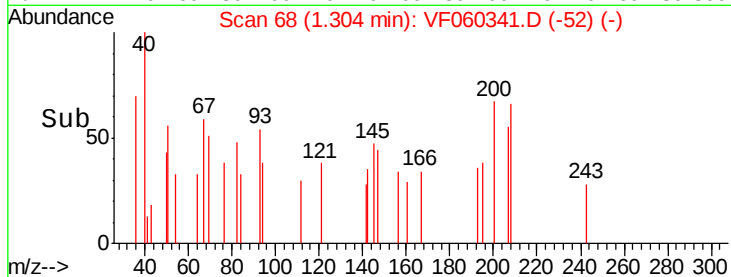
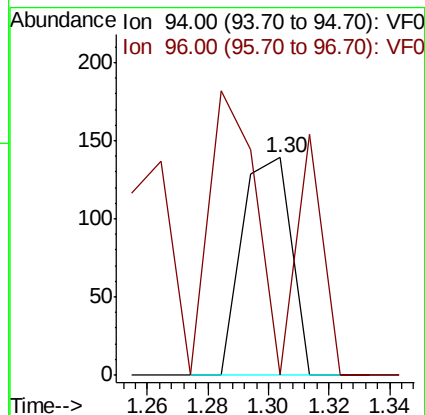
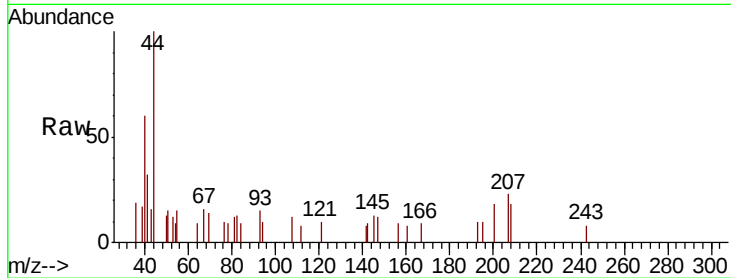
TP-C

Tgt Ion: 94 Resp: 158

Ion Ratio Lower Upper

94 100

96 0.0 73.9 110.9#



#6

Chloroethane

Concen: 13.745 ug/l

RT: 1.47 min Scan# 85

Delta R.T. 0.04 min

Lab File: VF060341.D

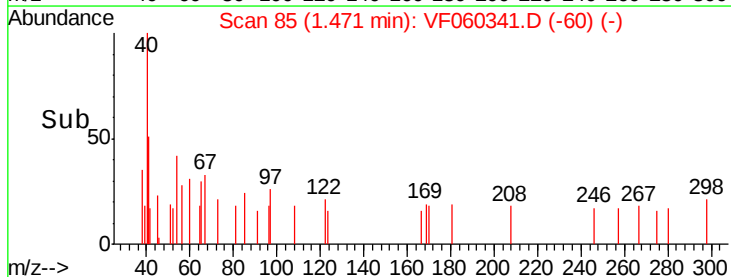
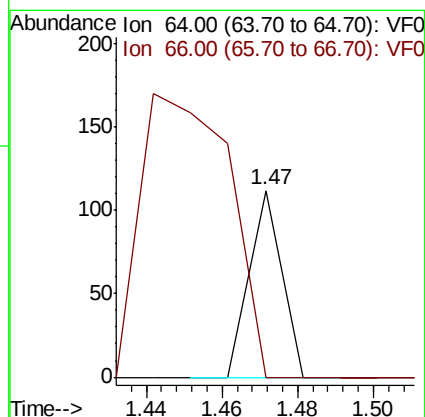
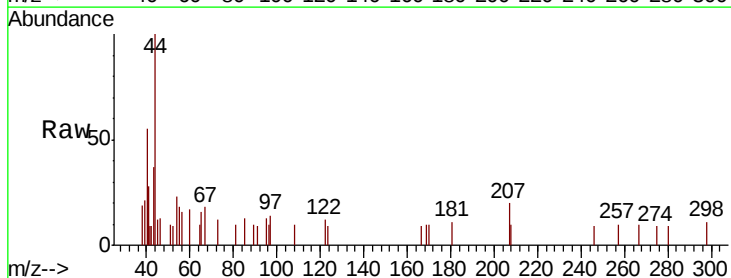
Acq: 25 Sep 2018 22:50

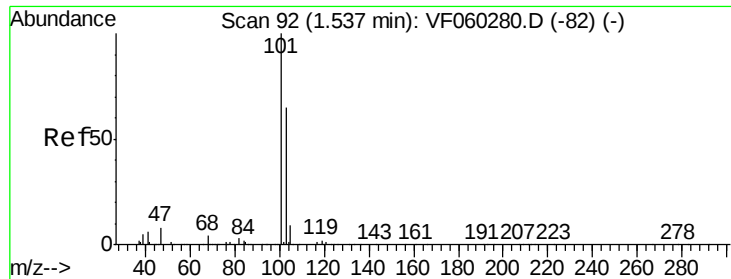
Tgt Ion: 64 Resp: 66

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.2#



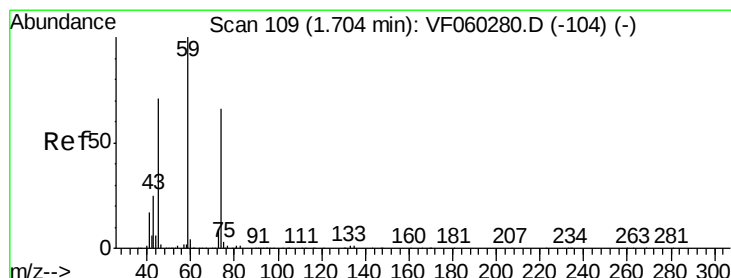
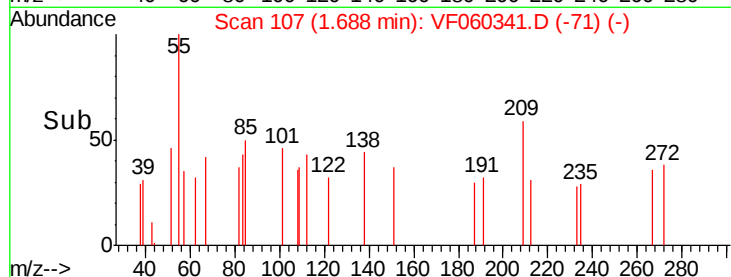
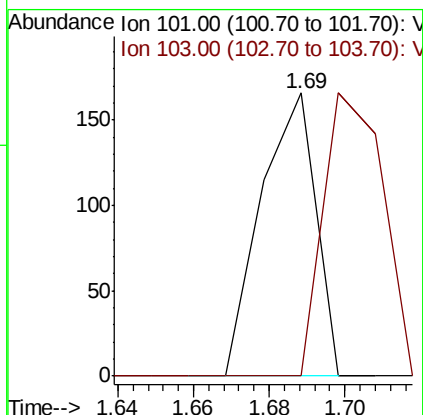
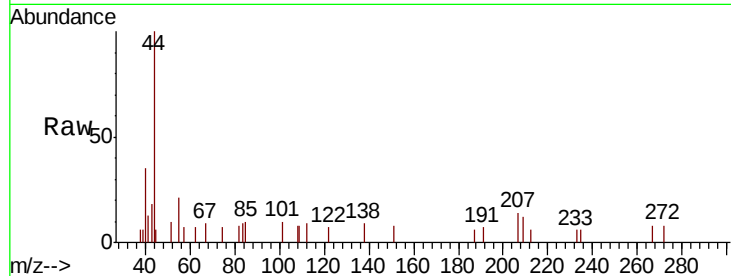


#7

Trichlorofluoromethane
 Concen: 8.837 ug/l
 RT: 1.69 min Scan# 107
 Delta R.T. 0.15 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

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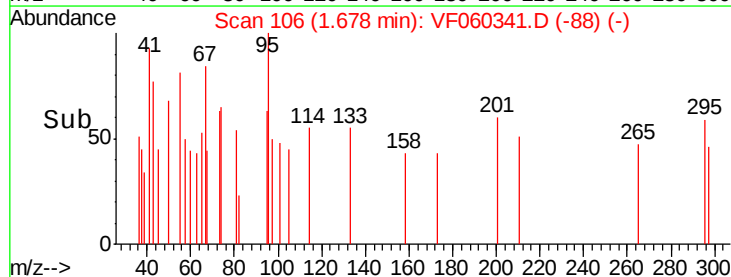
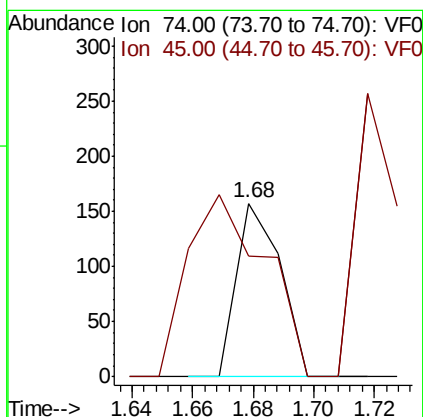
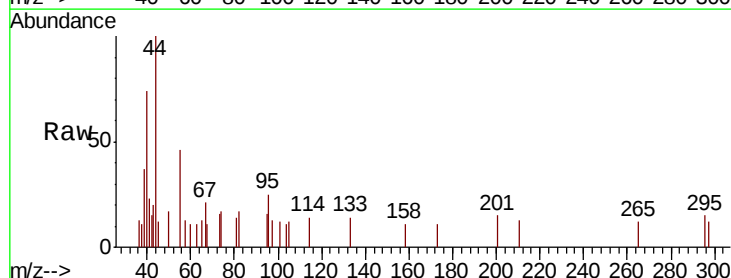
Tgt Ion: 101 Resp: 166
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.0 78.0#

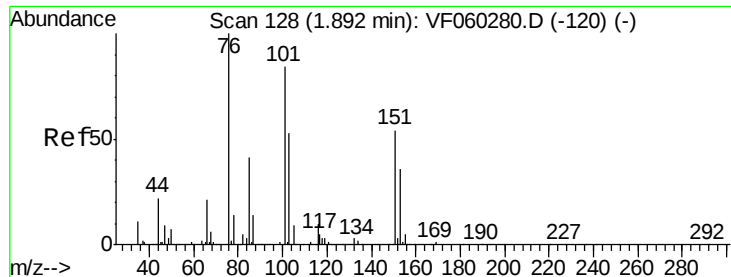


#8

Diethyl Ether
 Concen: 50.876 ug/l
 RT: 1.68 min Scan# 106
 Delta R.T. -0.03 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

Tgt Ion: 74 Resp: 159
 Ion Ratio Lower Upper
 74 100
 45 69.4 53.9 161.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.106 ug/l

RT: 1.92 min Scan# 130

Delta R.T. 0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

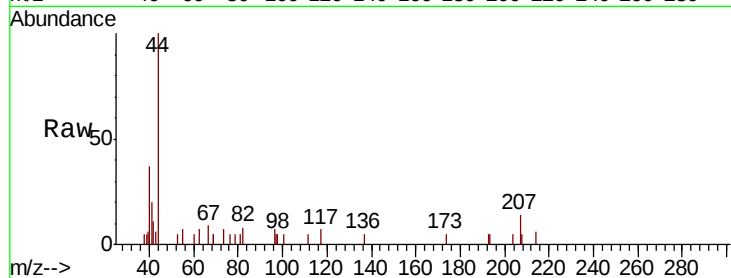
Instrument :

MSVOA_F

ClientSampleId :

TP-C

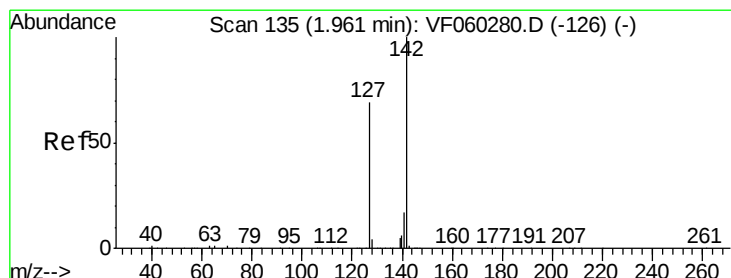
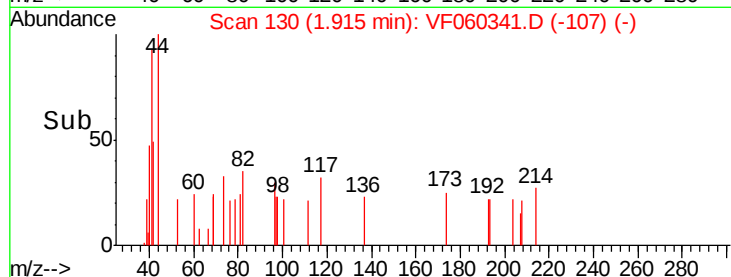
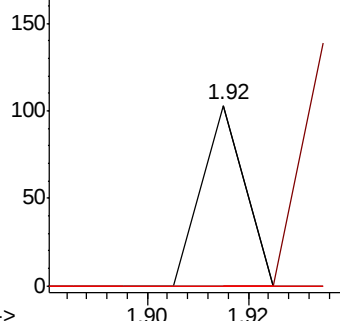
Tgt Ion:	101	Resp:	61
Ion	Ratio	Lower	Upper
101	100		
85	0.0	38.7	58.1#
151	0.0	50.8	76.2#



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: 4.594 ug/l

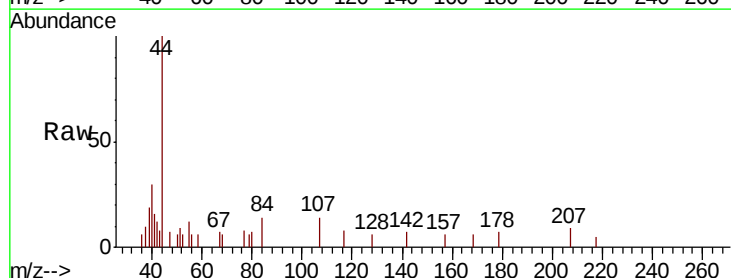
RT: 1.92 min Scan# 131

Delta R.T. -0.04 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

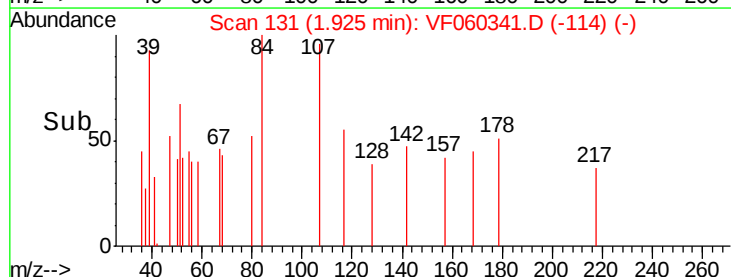
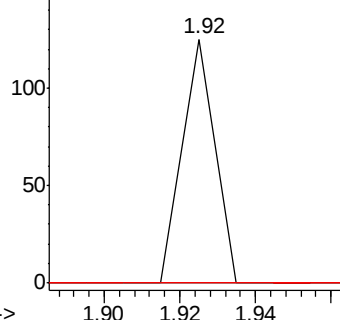
Tgt Ion:	142	Resp:	74
Ion	Ratio	Lower	Upper
142	100		
127	0.0	55.4	83.0#
141	0.0	13.3	19.9#

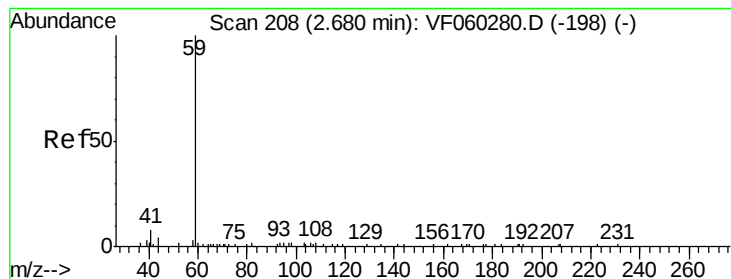


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



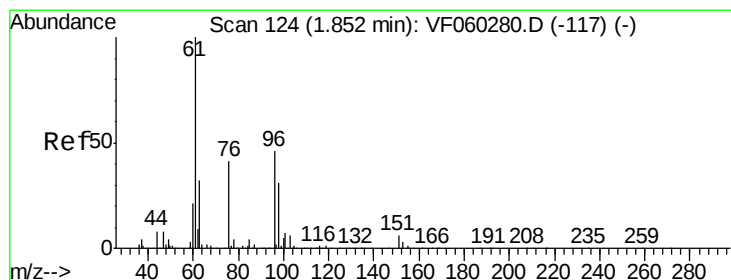
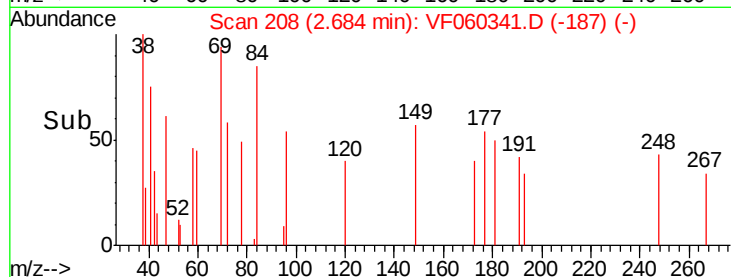
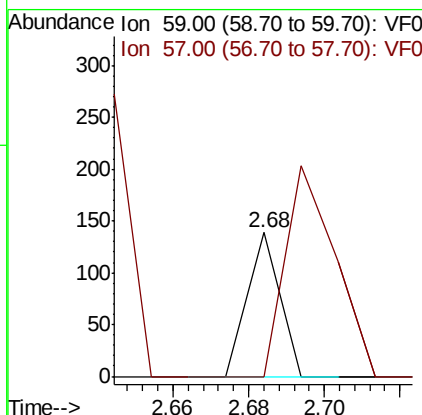
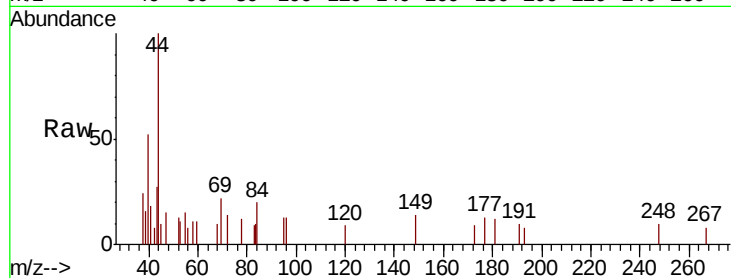


#11

Tert butyl alcohol
 Concen: 143.155 ug/l
 RT: 2.68 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

Instrument :
 MSVOA_F
 ClientSampled :
 TP-C

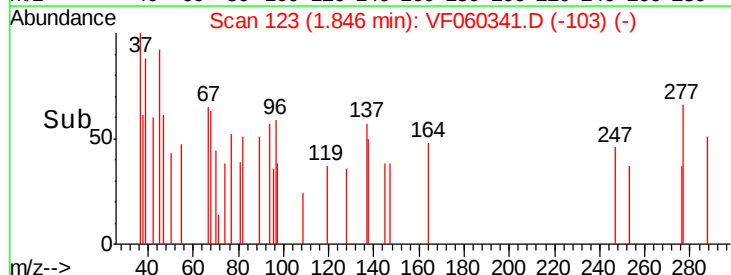
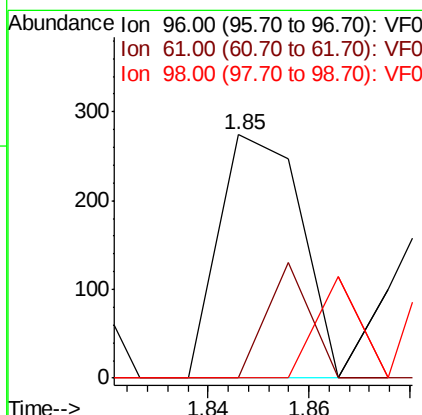
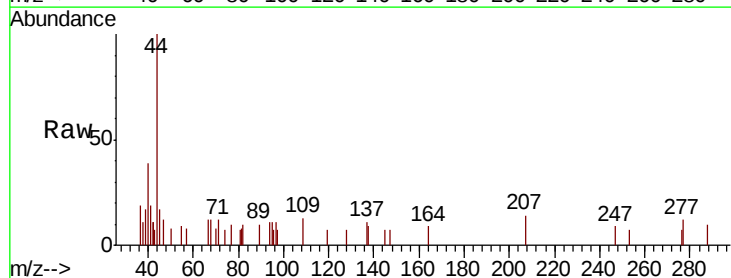
Tgt Ion: 59 Resp: 82
 Ion Ratio Lower Upper
 59 100
 57 0.0 12.4 18.6#

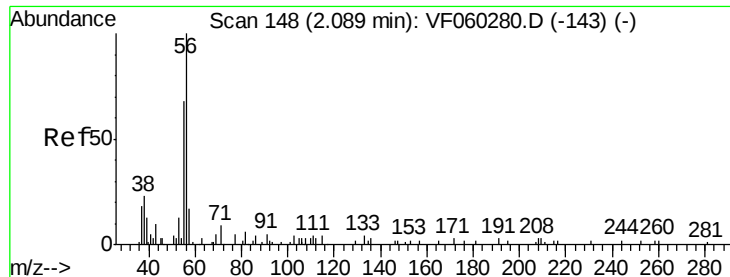


#12

1,1-Dichloroethene
 Concen: 37.280 ug/l
 RT: 1.85 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

Tgt Ion: 96 Resp: 308
 Ion Ratio Lower Upper
 96 100
 61 0.0 172.2 258.2#
 98 0.0 54.1 81.1#

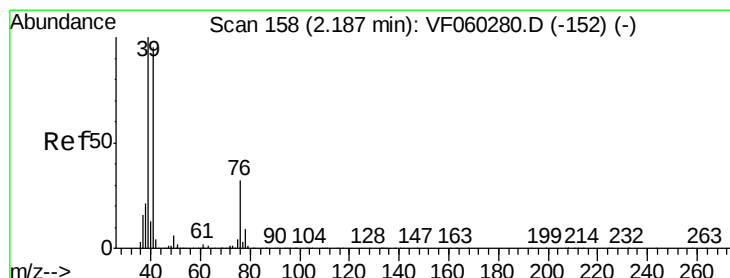
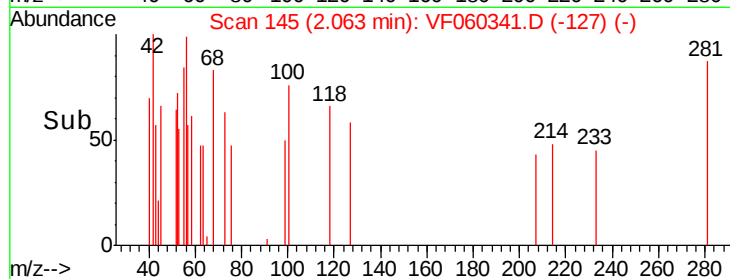
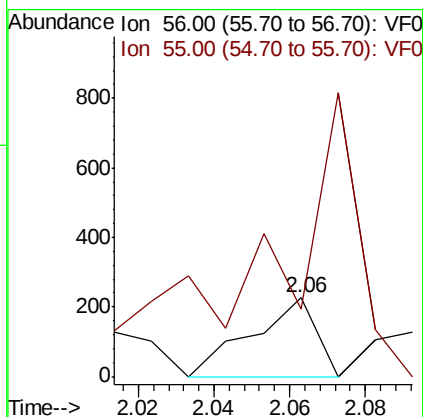
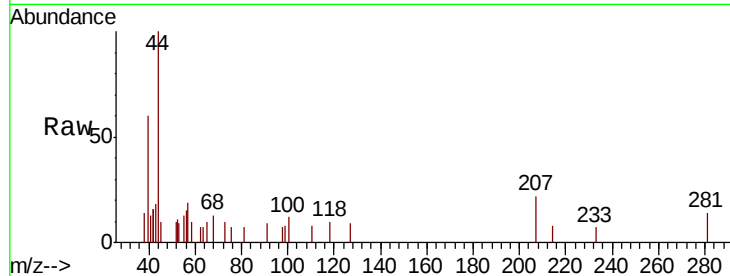




#13
Acrolein
Concen: 1201.103 ug/l
RT: 2.06 min Scan# 145
Delta R.T. -0.03 min
Lab File: VF060341.D
Acq: 25 Sep 2018 22:50

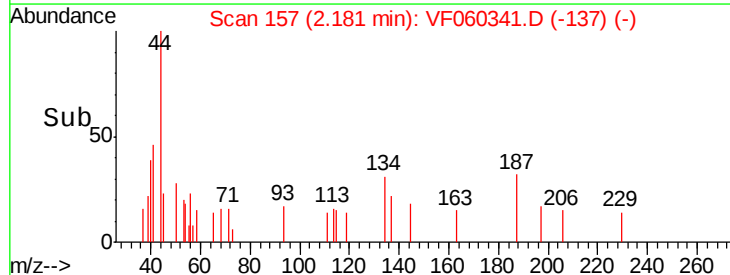
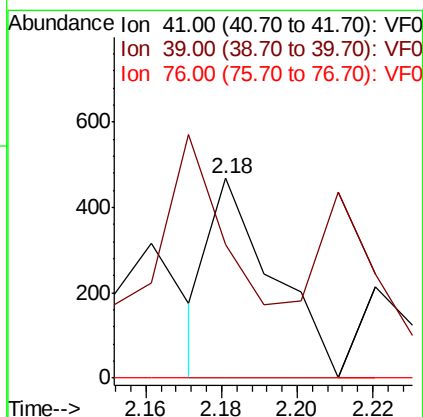
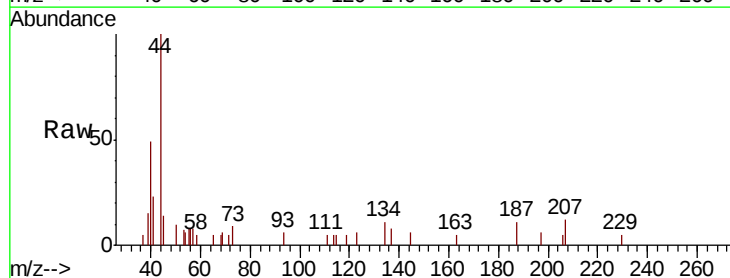
Instrument :
MSVOA_F
ClientSampled :
TP-C

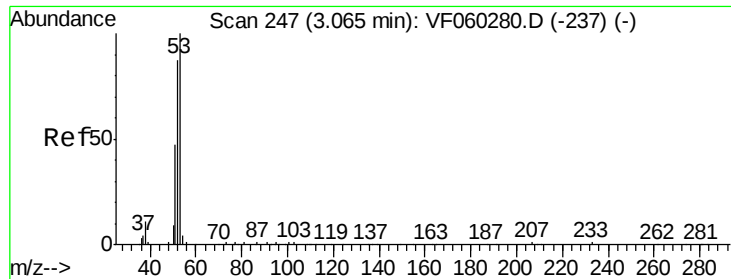
Tgt Ion: 56 Resp: 267
Ion Ratio Lower Upper
56 100
55 85.0 69.9 104.9



#14
Allyl chloride
Concen: 37.455 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060341.D
Acq: 25 Sep 2018 22:50

Tgt Ion: 41 Resp: 540
Ion Ratio Lower Upper
41 100
39 66.9 84.8 127.2#
76 0.0 27.4 41.2#





#15

Acrylonitrile

Concen: 178.173 ug/l

RT: 3.04 min Scan# 244

Delta R.T. -0.03 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

TP-C

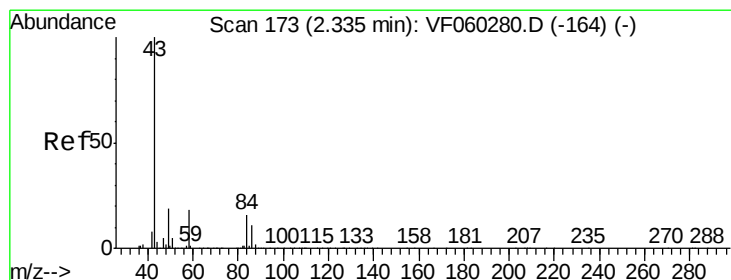
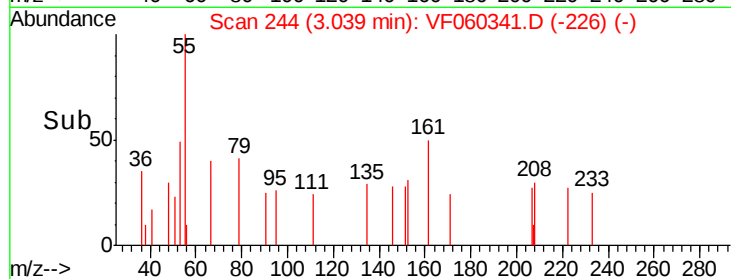
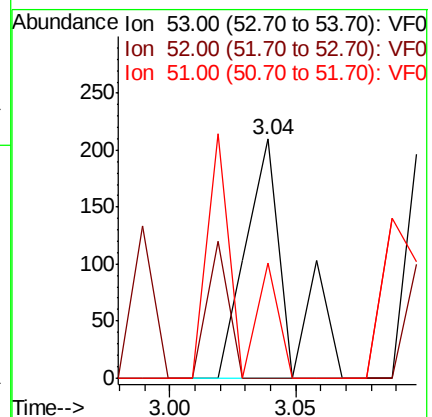
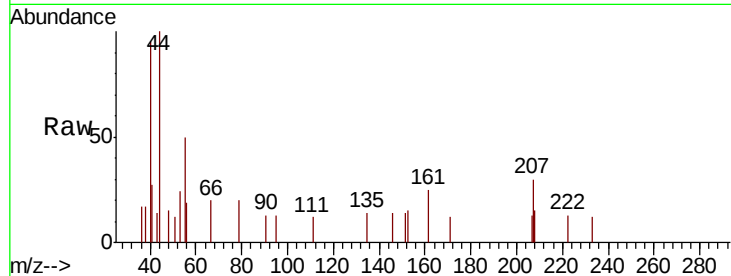
Tgt Ion: 53 Resp: 246

Ion Ratio Lower Upper

53 100

52 0.0 69.5 104.3#

51 48.1 38.1 57.1



#16

Acetone

Concen: 228.108 ug/l

RT: 2.35 min Scan# 174

Delta R.T. 0.01 min

Lab File: VF060341.D

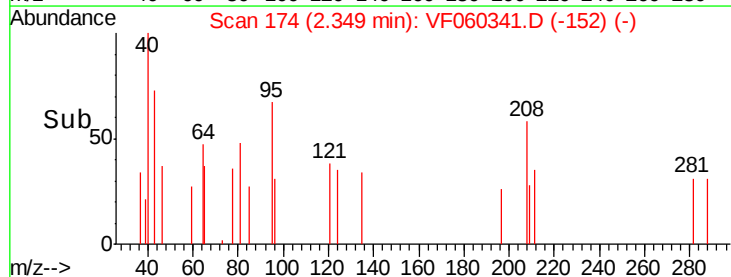
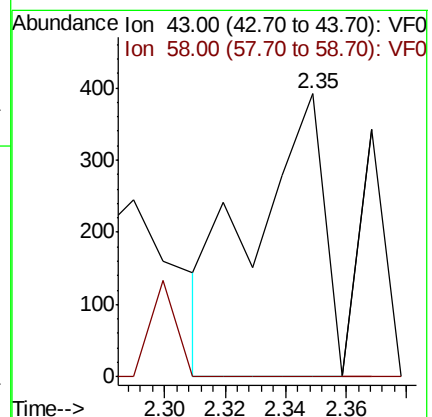
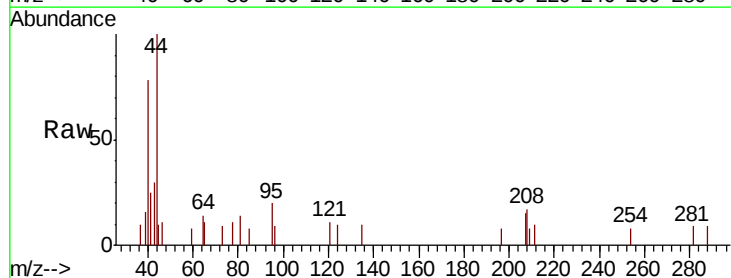
Acq: 25 Sep 2018 22:50

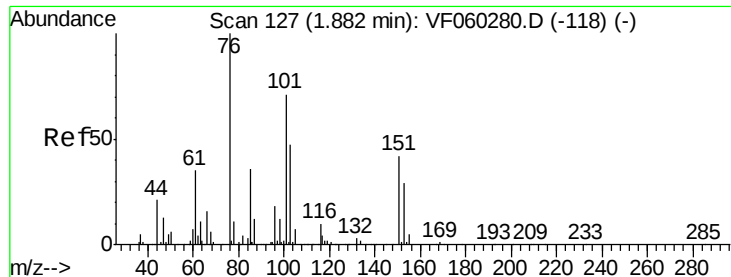
Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

43 100

58 0.0 14.5 21.7#





#17

Carbon Disulfide

Concen: Below Cal

RT: 1.88 min Scan# 126

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

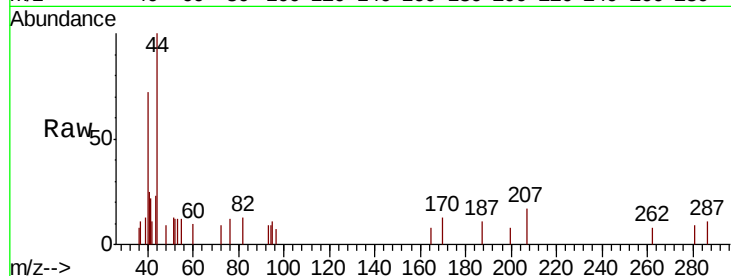
TP-C

Tgt Ion: 76 Resp: 95

Ion Ratio Lower Upper

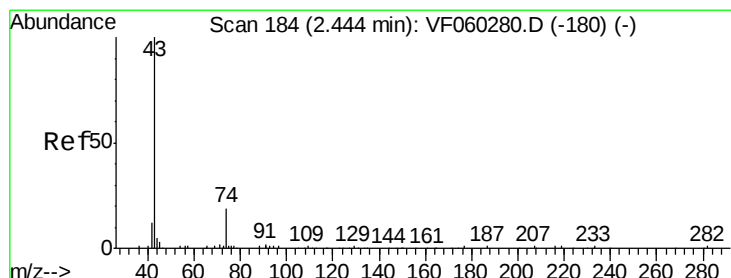
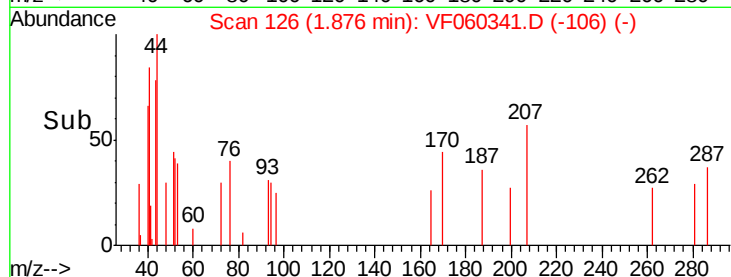
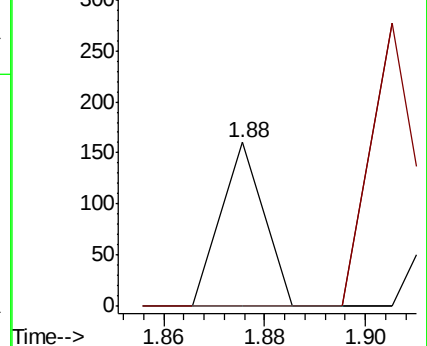
76 100

78 0.0 9.4 14.0#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 146.302 ug/l

RT: 2.49 min Scan# 188

Delta R.T. 0.04 min

Lab File: VF060341.D

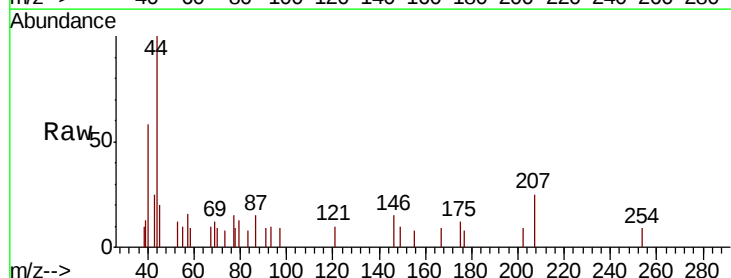
Acq: 25 Sep 2018 22:50

Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

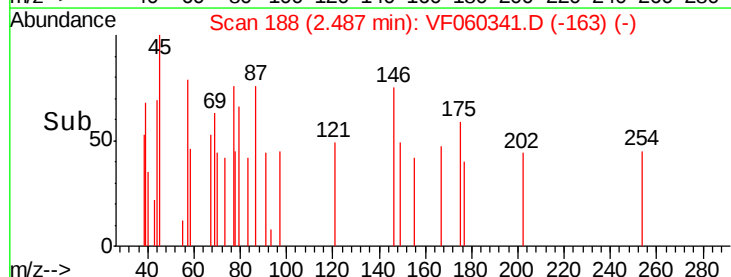
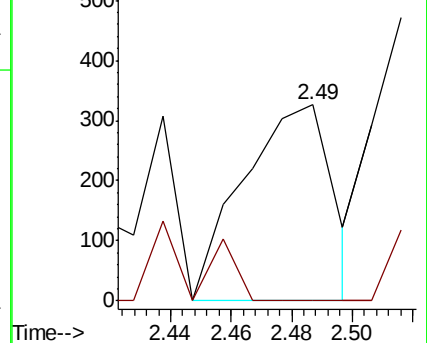
43 100

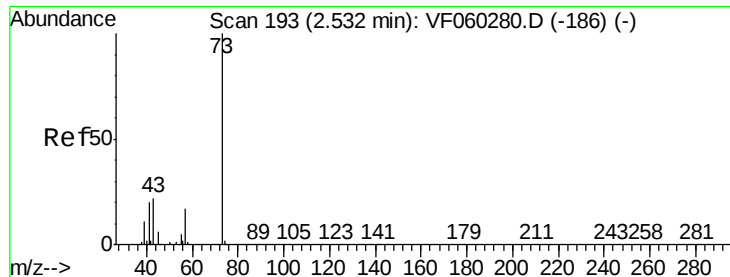
74 0.0 12.7 19.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0





#19

Methyl tert-butyl Ether

Concen: 7.526 ug/l

RT: 2.53 min Scan# 192

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

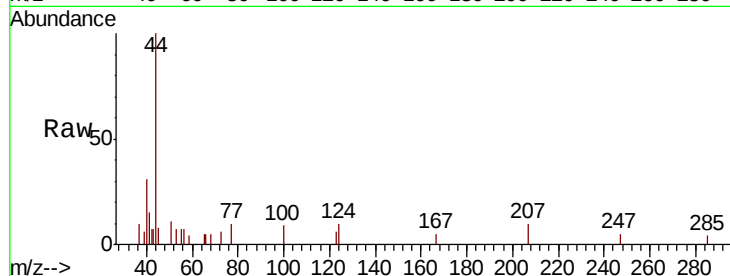
TP-C

Tgt Ion: 73 Resp: 155

Ion Ratio Lower Upper

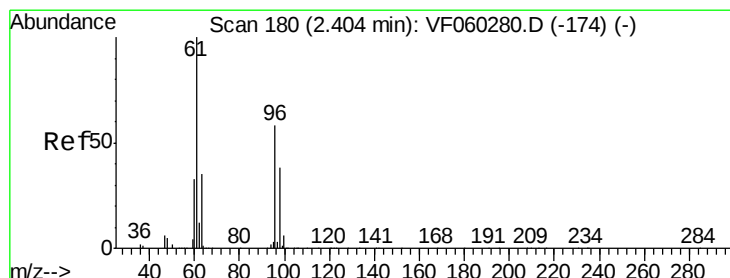
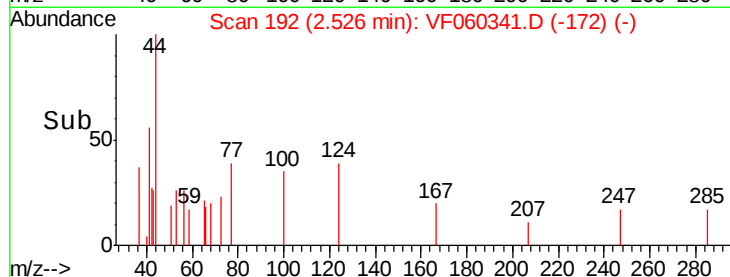
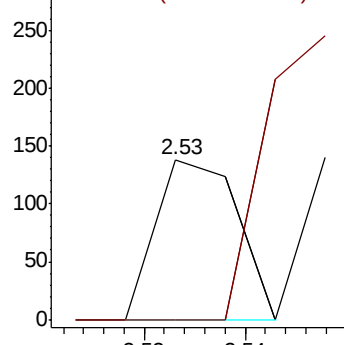
73 100

57 0.0 14.5 21.7#



Abundance Ion 73.00 (72.70 to 73.70): VF0

Ion 57.00 (56.70 to 57.70): VF0



#21

trans-1,2-Dichloroethene

Concen: 20.040 ug/l

RT: 2.41 min Scan# 180

Delta R.T. 0.00 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

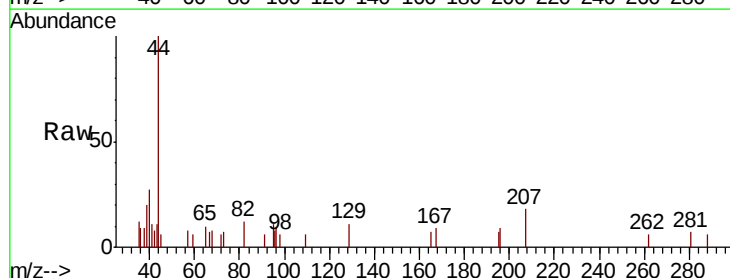
Tgt Ion: 96 Resp: 171

Ion Ratio Lower Upper

96 100

61 0.0 136.4 204.6#

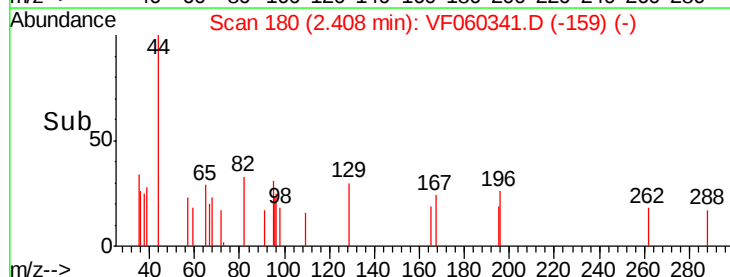
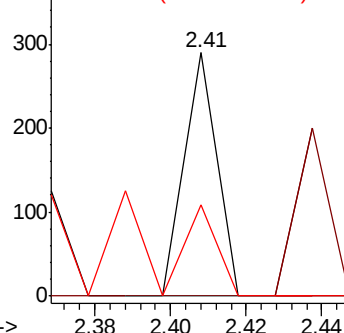
98 37.2 51.8 77.6#

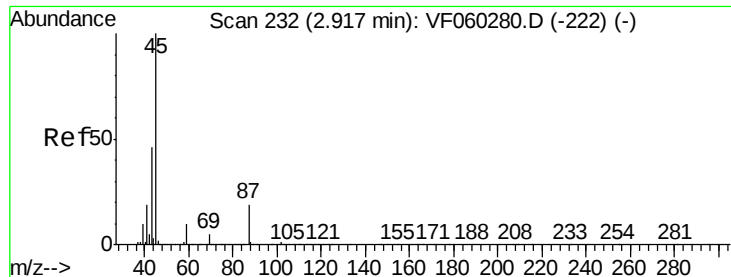


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

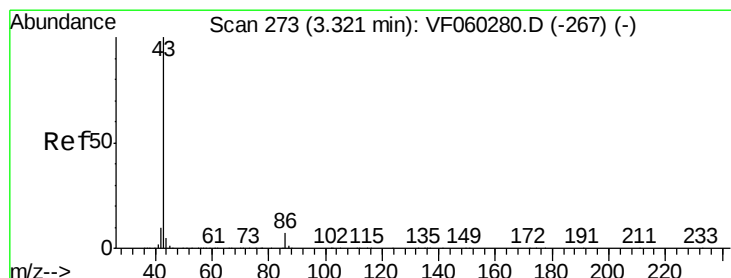
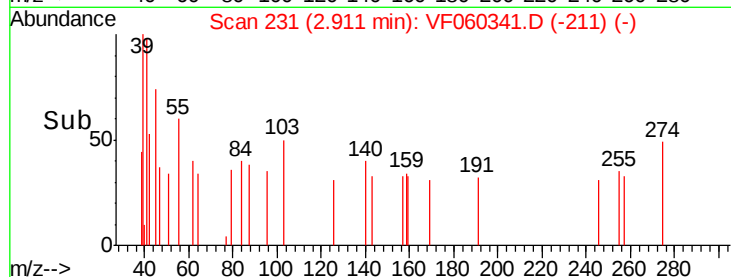
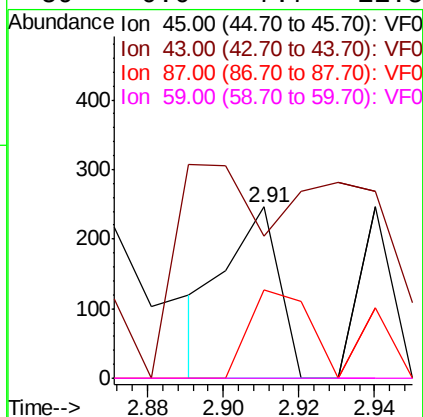
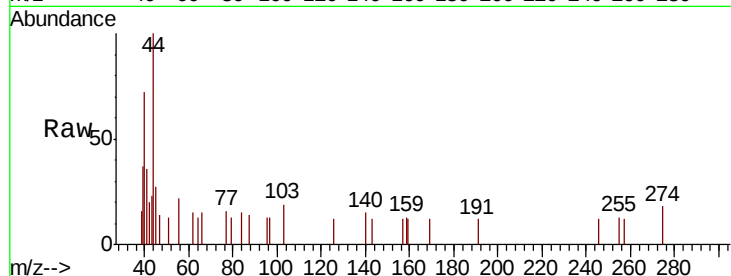




#22
Diisopropyl ether
Concen: 8.713 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.01 min
Lab File: VF060341.D
Acq: 25 Sep 2018 22:50

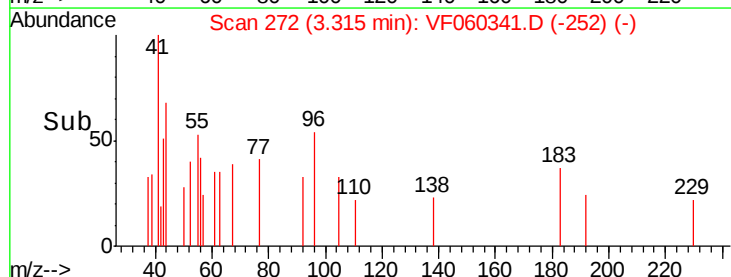
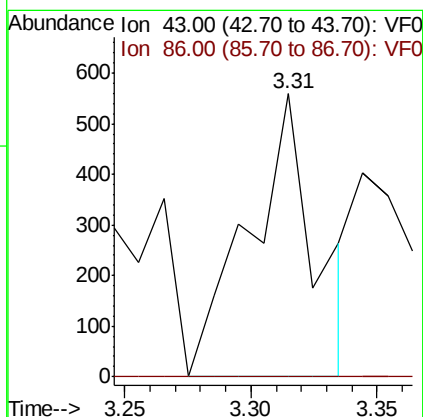
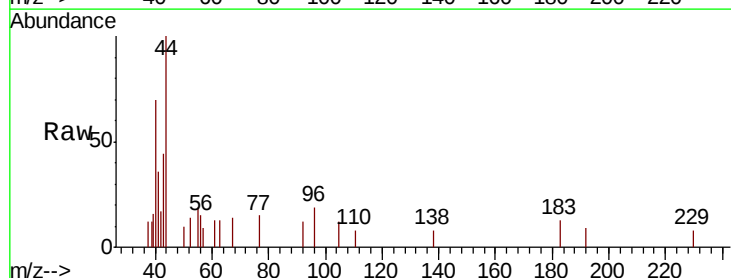
Instrument :
MSVOA_F
ClientSampled :
TP-C

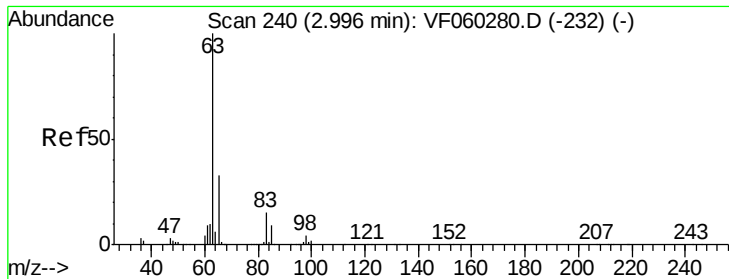
Tgt Ion:	45	Resp:	237
Ion	Ratio	Lower	Upper
45	100		
43	83.3	38.2	57.2#
87	52.0	15.5	23.3#
59	0.0	7.7	11.5#



#23
Vinyl Acetate
Concen: 95.381 ug/l
RT: 3.31 min Scan# 272
Delta R.T. -0.01 min
Lab File: VF060341.D
Acq: 25 Sep 2018 22:50

Tgt Ion:	43	Resp:	1019
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#





#24

1,1-Dichloroethane

Concen: 13.321 ug/l

RT: 3.00 min Scan# 240

Delta R.T. 0.00 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

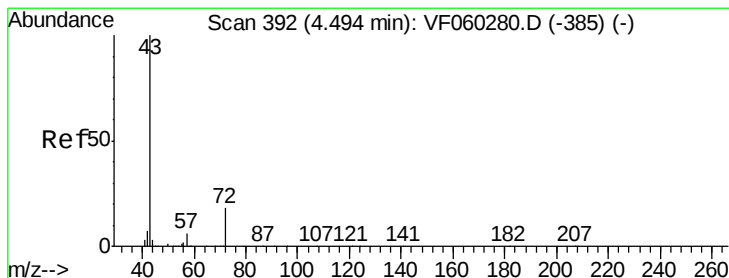
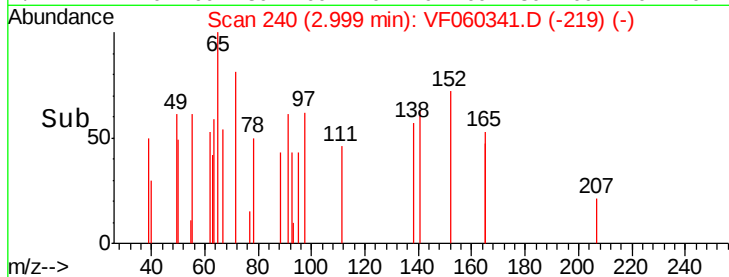
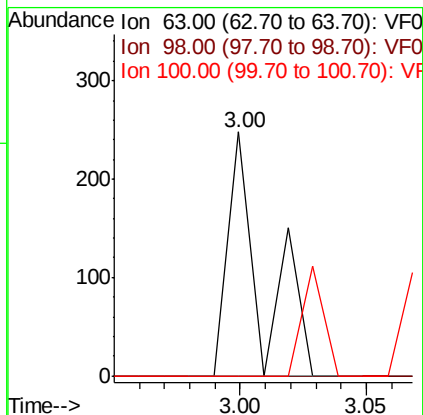
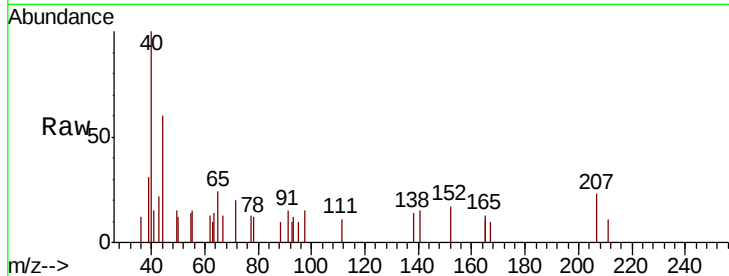
Instrument :

MSVOA_F

ClientSampled :

TP-C

Tgt Ion:	63	Resp:	235
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.5#
100	0.0	1.1	3.3#



#25

2-Butanone

Concen: 70.703 ug/l

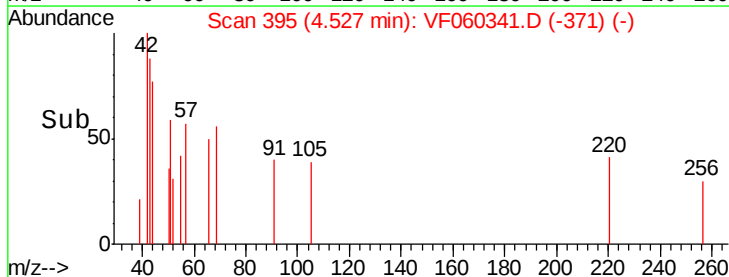
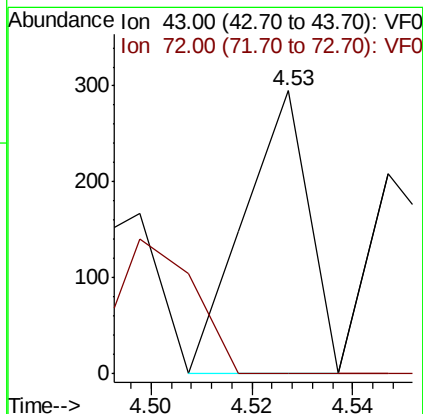
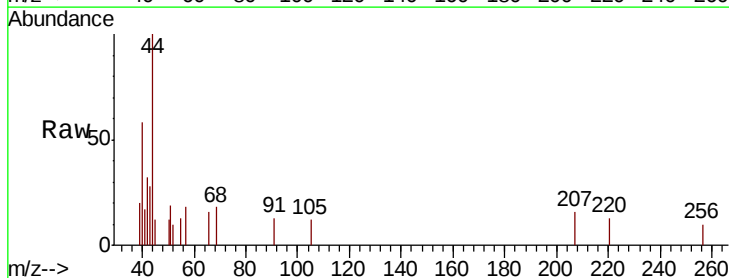
RT: 4.53 min Scan# 395

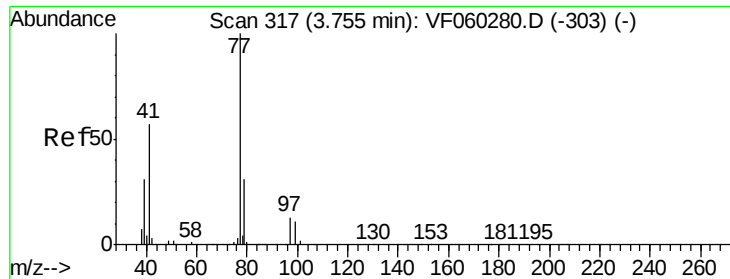
Delta R.T. 0.03 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Tgt Ion:	43	Resp:	262
Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#





#26

2,2-Dichloropropane

Concen: 30.400 ug/l

RT: 3.77 min Scan# 318

Delta R.T. 0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

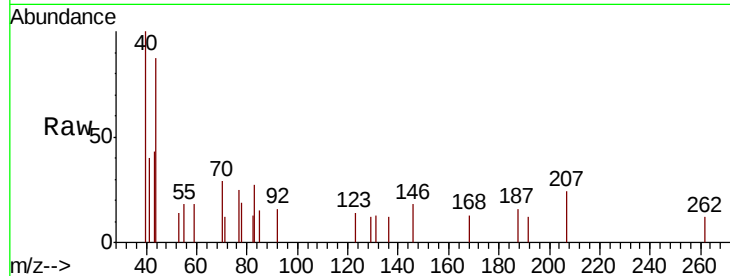
TP-C

Tgt Ion: 77 Resp: 306

Ion Ratio Lower Upper

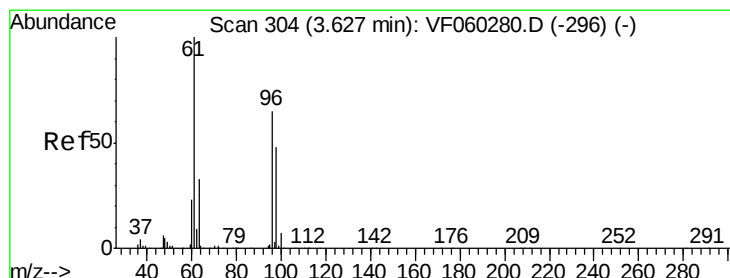
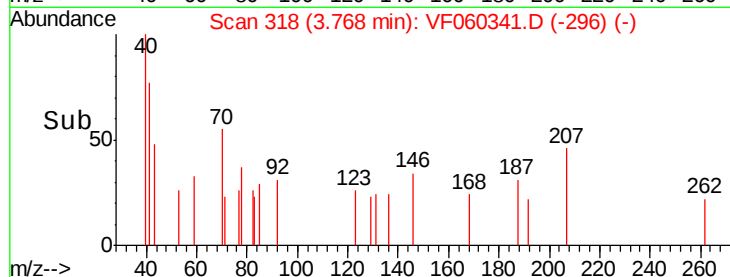
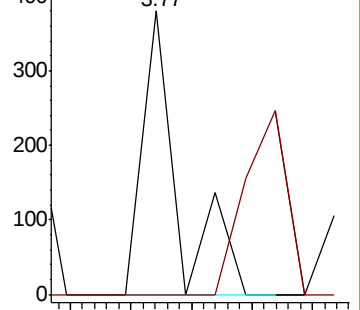
77 100

97 0.0 9.3 27.9#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#27

cis-1,2-Dichloroethene

Concen: 7.850 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

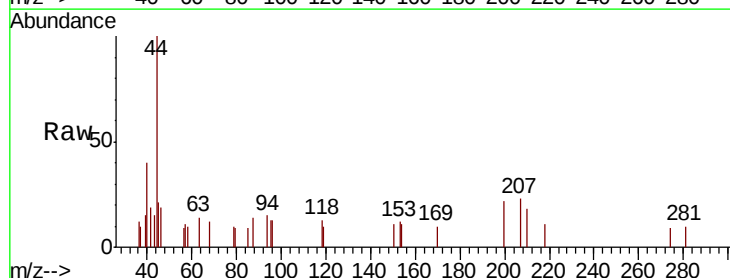
Tgt Ion: 96 Resp: 88

Ion Ratio Lower Upper

96 100

61 0.0 0.0 304.8

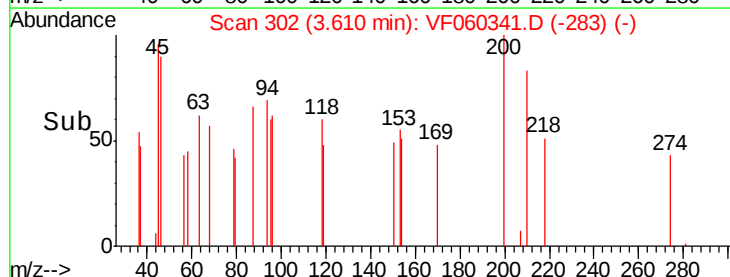
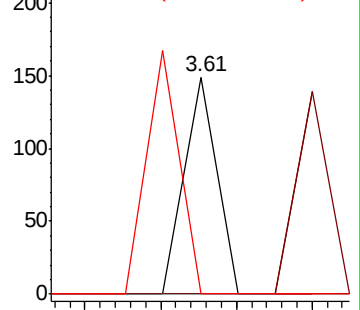
98 0.0 0.0 146.4

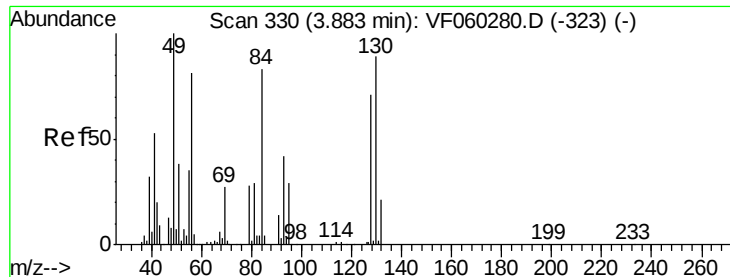


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#28

Bromochloromethane

Concen: 17.763 ug/l

RT: 3.89 min Scan# 330

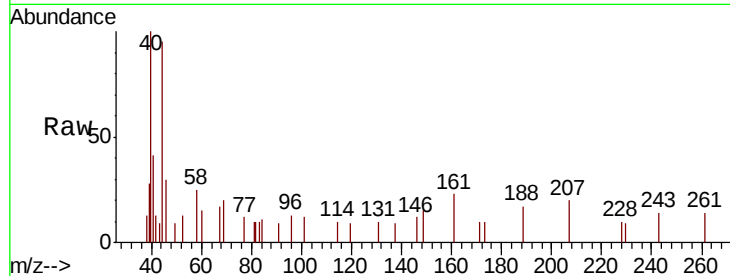
Delta R.T. 0.00 min

Lab File: VF060341.D

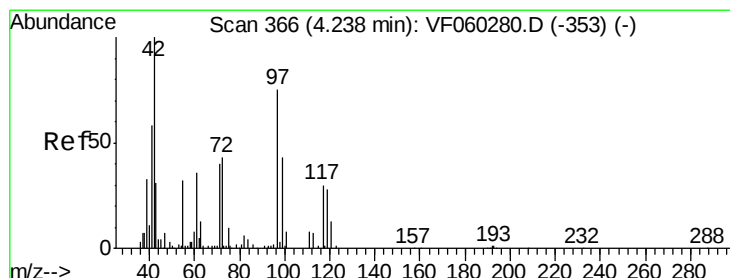
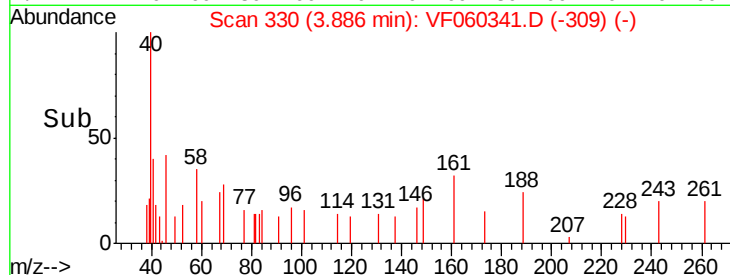
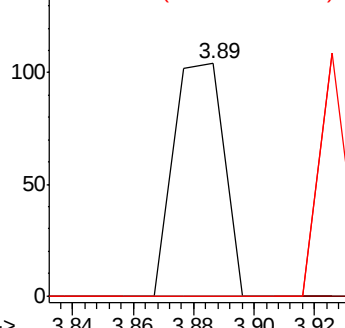
Acq: 25 Sep 2018 22:50

Instrument :
MSVOA_F
ClientSampled :
TP-C

Tgt Ion:	49	Resp:	122
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	70.3	105.5#



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



#29

Tetrahydrofuran

Concen: 268.973 ug/l

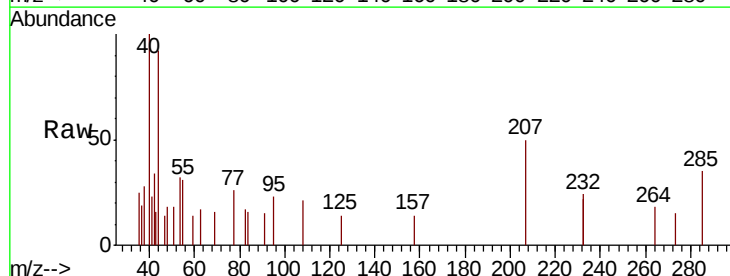
RT: 4.23 min Scan# 365

Delta R.T. -0.01 min

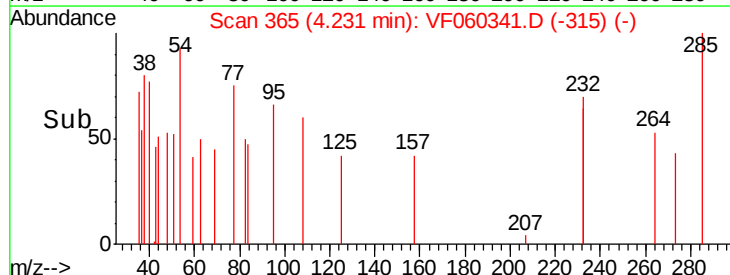
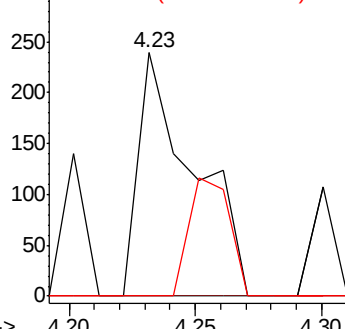
Lab File: VF060341.D

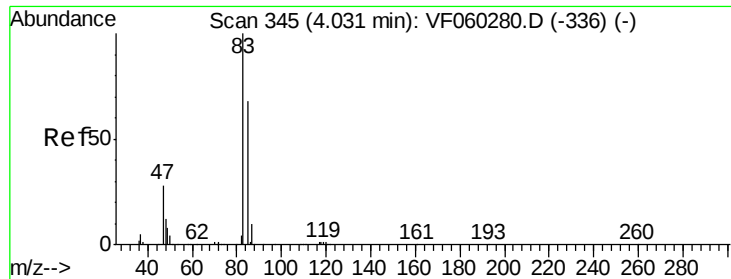
Acq: 25 Sep 2018 22:50

Tgt Ion:	42	Resp:	365
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.6	49.0#
71	35.9	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: 3.383 ug/l

RT: 4.01 min Scan# 343

Delta R.T. -0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

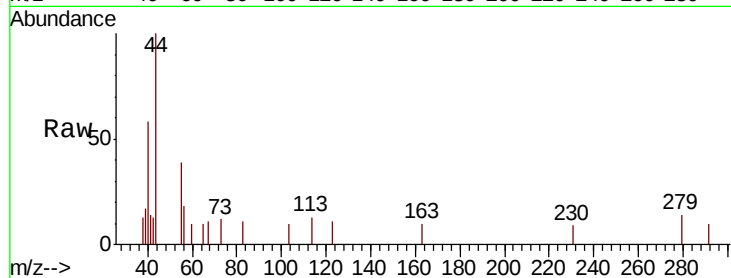
TP-C

Tgt Ion: 83 Resp: 72

Ion Ratio Lower Upper

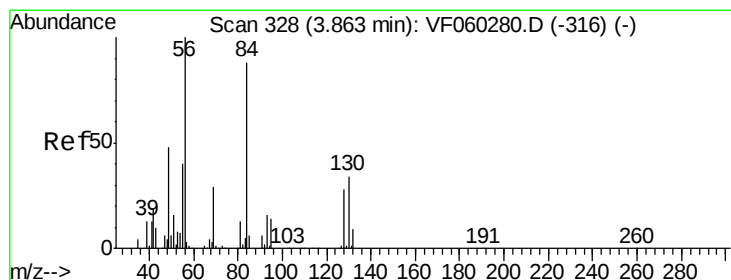
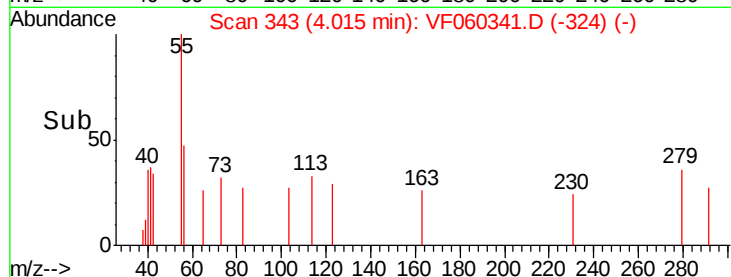
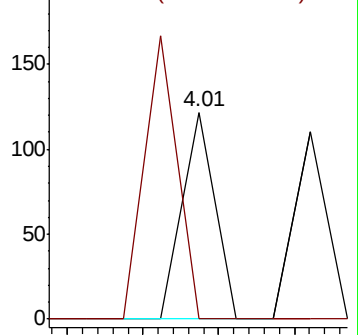
83 100

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: 29.260 ug/l

RT: 3.90 min Scan# 331

Delta R.T. 0.03 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

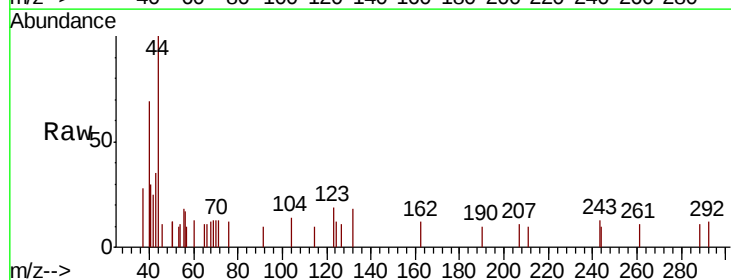
Tgt Ion: 56 Resp: 436

Ion Ratio Lower Upper

56 100

69 35.8 23.8 35.6#

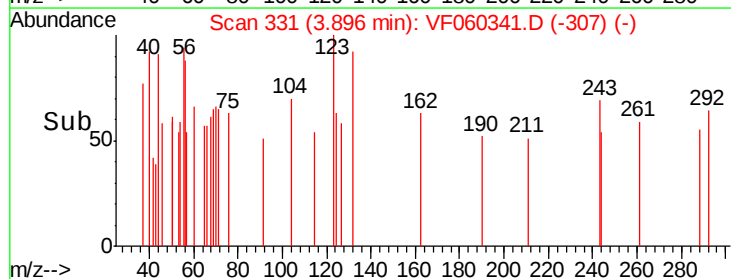
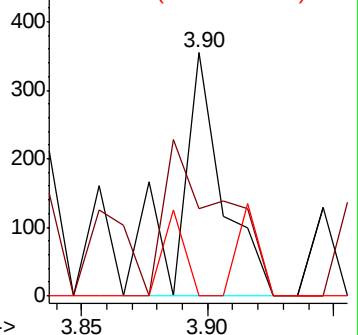
84 0.0 70.2 105.4#

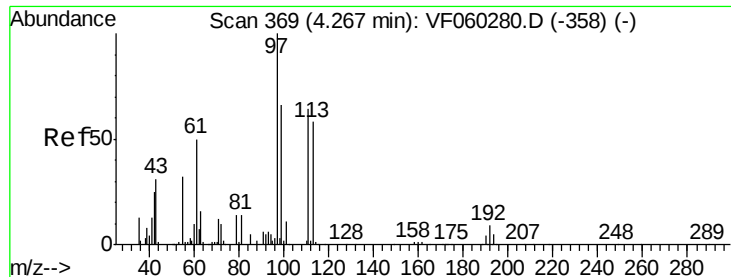


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0





#32

1,1,1-Trichloroethane

Concen: 5.299 ug/l

RT: 4.31 min Scan# 373

Delta R.T. 0.04 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

TP-C

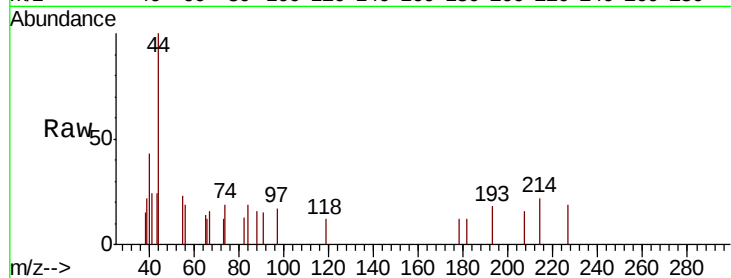
Tgt Ion: 97 Resp: 89

Ion Ratio Lower Upper

97 100

99 0.0 53.0 79.4#

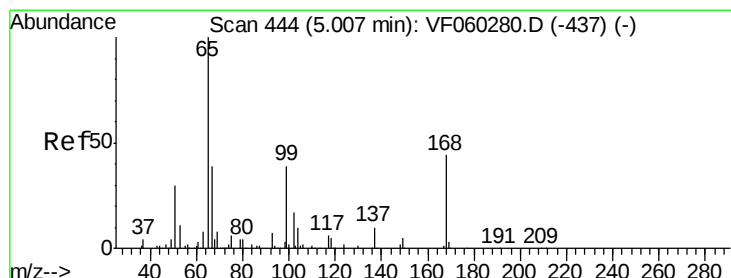
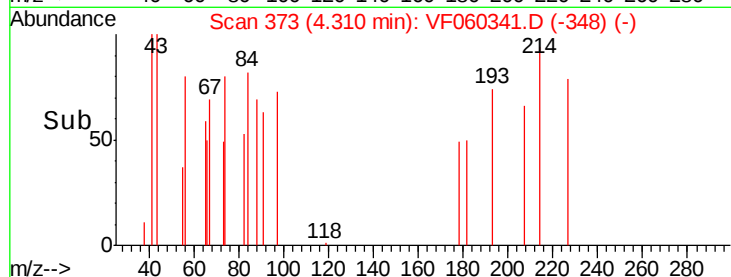
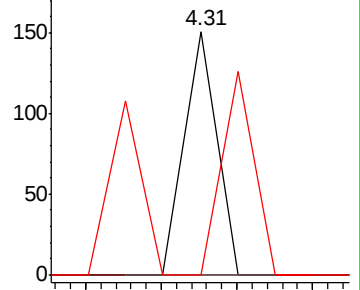
61 0.0 40.6 61.0#



Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 23.527 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060341.D

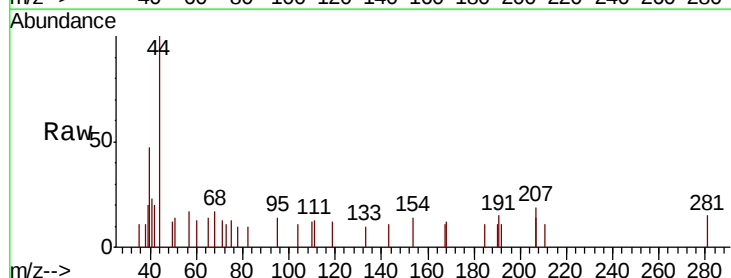
Acq: 25 Sep 2018 22:50

Tgt Ion: 65 Resp: 230

Ion Ratio Lower Upper

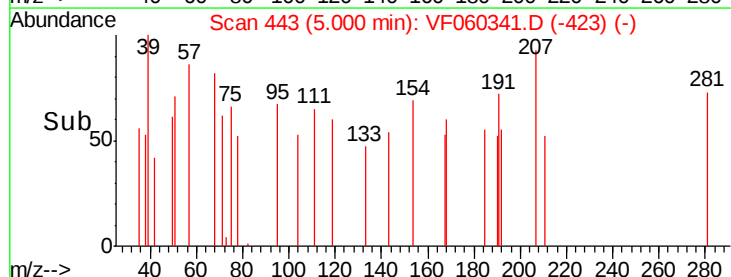
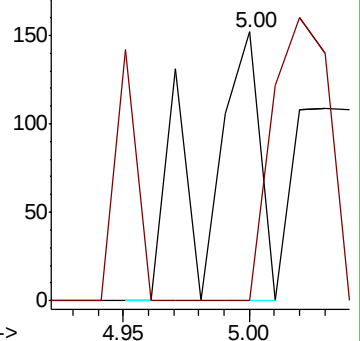
65 100

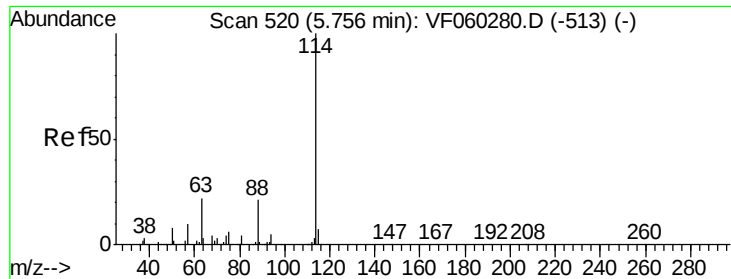
67 0.0 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

TP-C

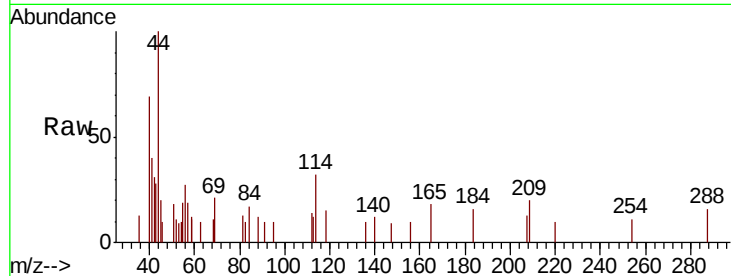
Tgt Ion:114 Resp: 995

Ion Ratio Lower Upper

114 100

63 32.7 0.0 43.8

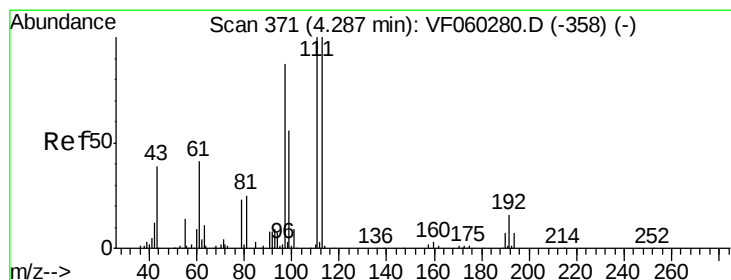
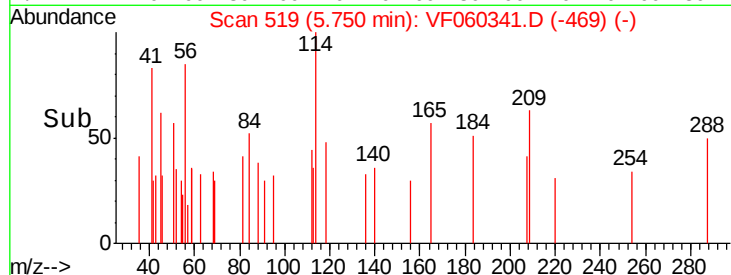
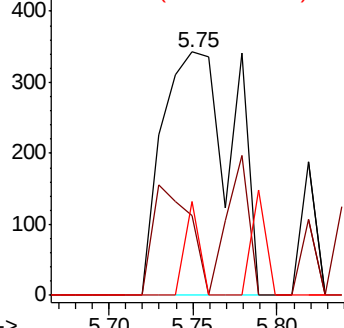
88 38.5 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 7.328 ug/l

RT: 4.26 min Scan# 368

Delta R.T. -0.03 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

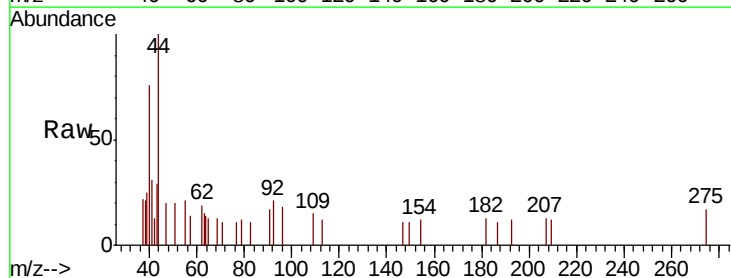
Tgt Ion:113 Resp: 65

Ion Ratio Lower Upper

113 100

111 0.0 79.6 119.4#

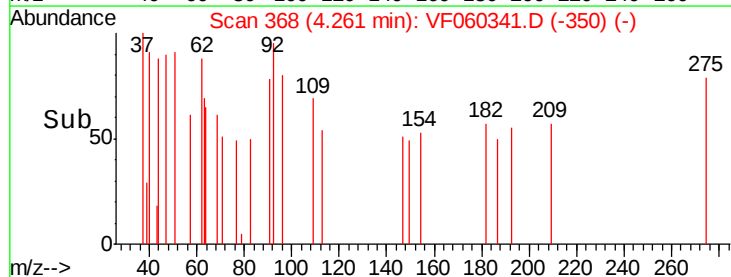
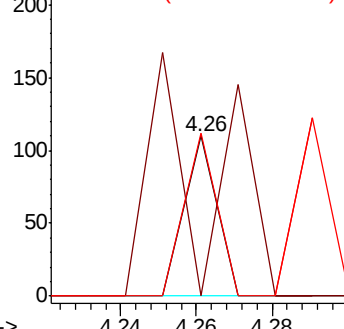
192 101.8 13.0 19.6#

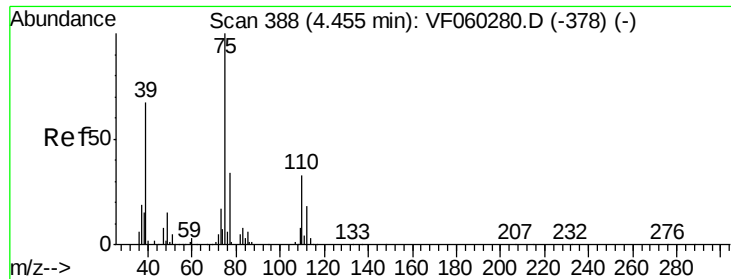


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

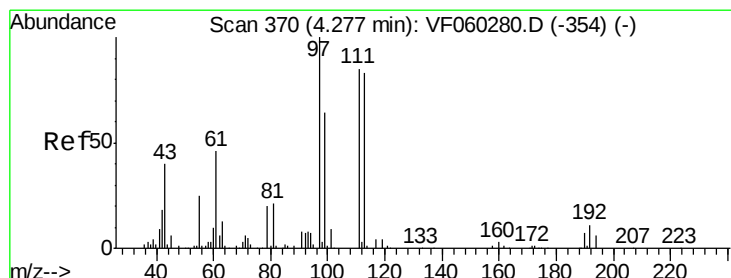
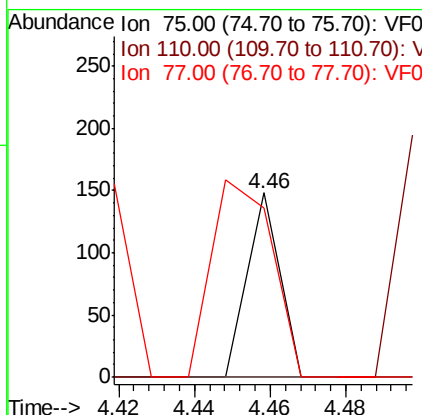
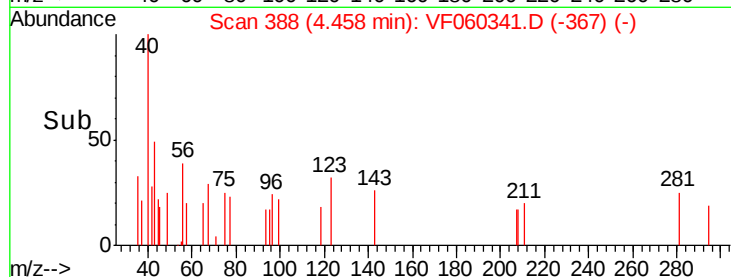
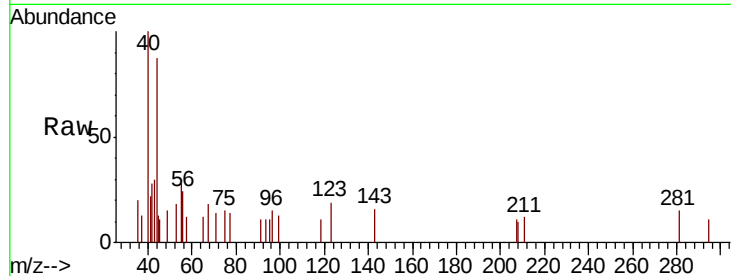




#36
 1,1-Dichloropropene
 Concen: 7.090 ug/l
 RT: 4.46 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

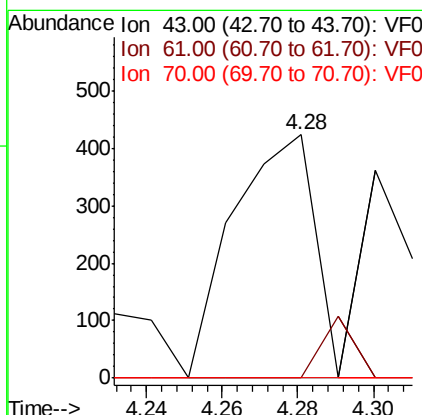
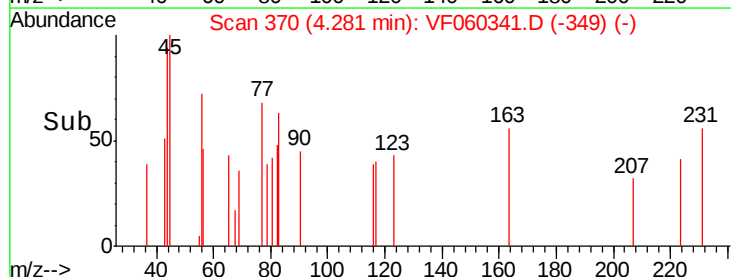
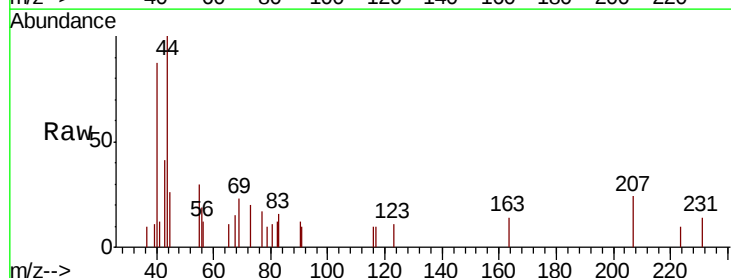
Instrument :
 MSVOA_F
 ClientSampled :
 TP-C

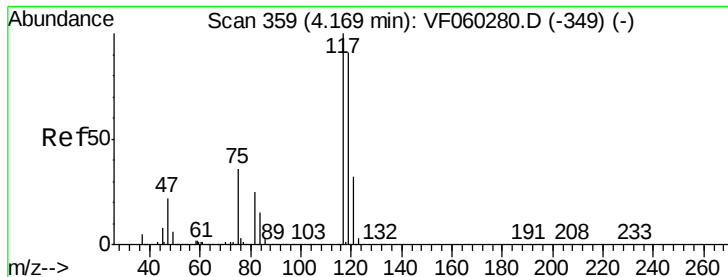
Tgt Ion: 75 Resp: 88
 Ion Ratio Lower Upper
 75 100
 110 0.0 16.4 49.2#
 77 91.9 27.3 40.9#



#37
 Ethyl Acetate
 Concen: 120.346 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

Tgt Ion: 43 Resp: 632
 Ion Ratio Lower Upper
 43 100
 61 0.0 91.1 136.7#
 70 0.0 6.9 10.3#





#38

Carbon Tetrachloride

Concen: 5.776 ug/l

RT: 4.21 min Scan# 363

Delta R.T. 0.04 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

TP-C

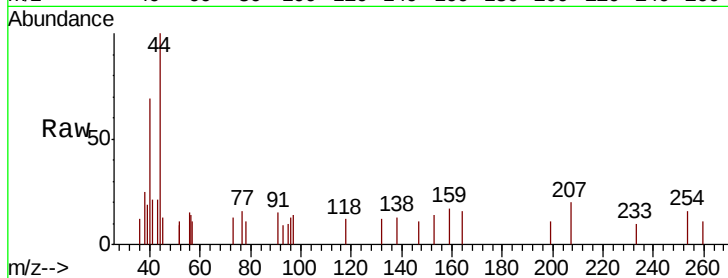
Tgt Ion:117 Resp: 77

Ion Ratio Lower Upper

117 100

119 0.0 73.0 109.6#

121 0.0 25.4 38.2#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

200

150

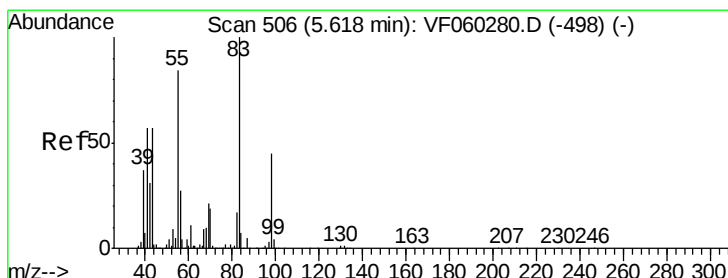
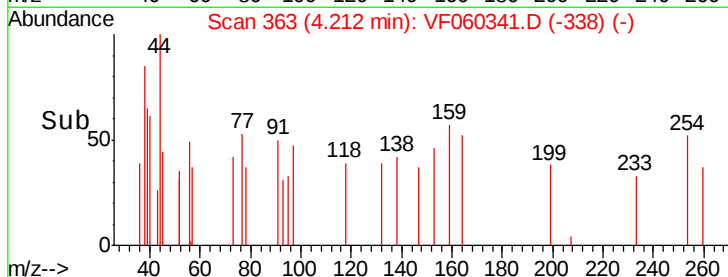
100

50

0

4.18 4.20 4.22 4.24

Time-->



#39

Methylcyclohexane

Concen: 9.813 ug/l

RT: 5.63 min Scan# 507

Delta R.T. 0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

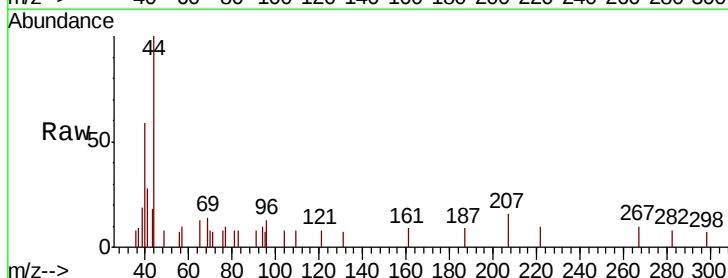
Tgt Ion: 83 Resp: 132

Ion Ratio Lower Upper

83 100

55 0.0 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

500

400

300

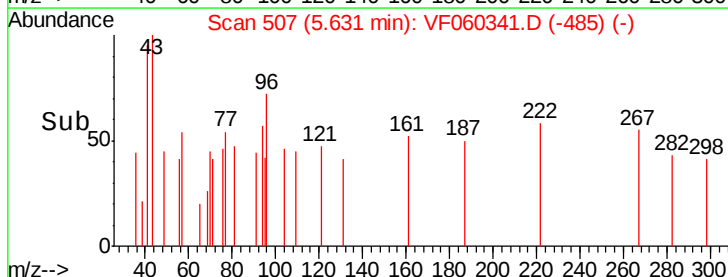
200

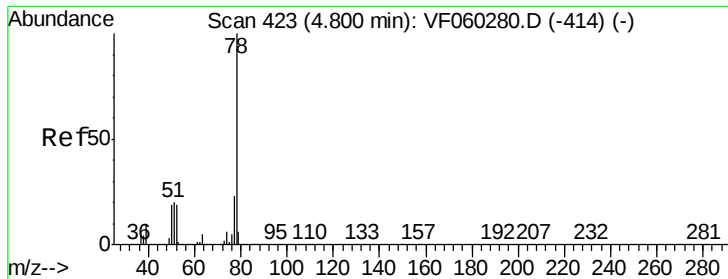
100

0

5.62 5.64 5.66

Time-->





#40

Benzene

Concen: 2.132 ug/l

RT: 4.74 min Scan# 417

Delta R.T. -0.06 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

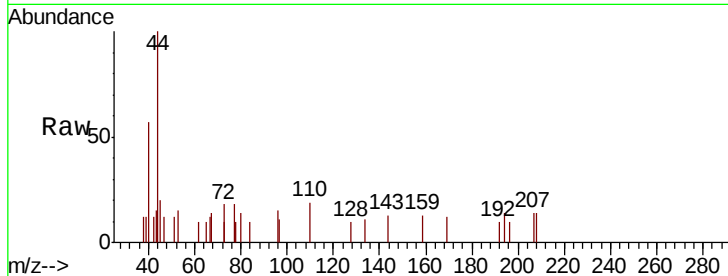
TP-C

Tgt Ion: 78 Resp: 60

Ion Ratio Lower Upper

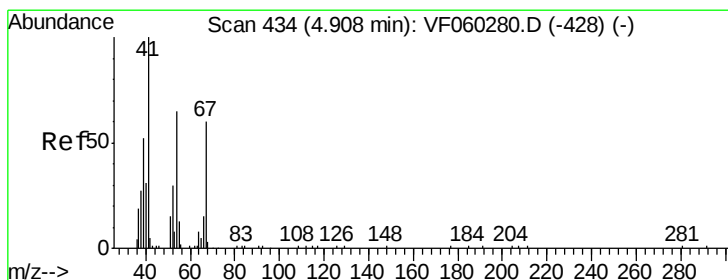
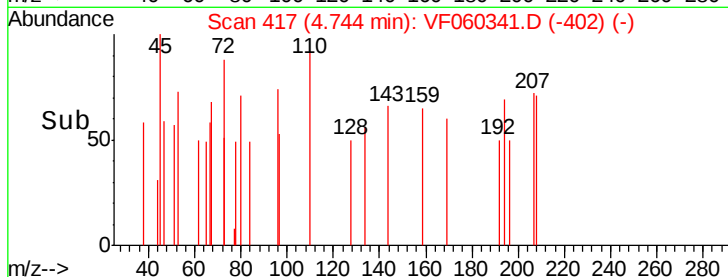
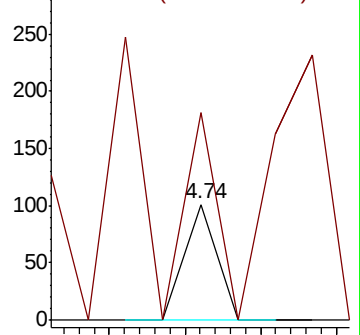
78 100

77 179.2 18.4 27.6#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 157.215 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.00 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Tgt Ion: 41 Resp: 448

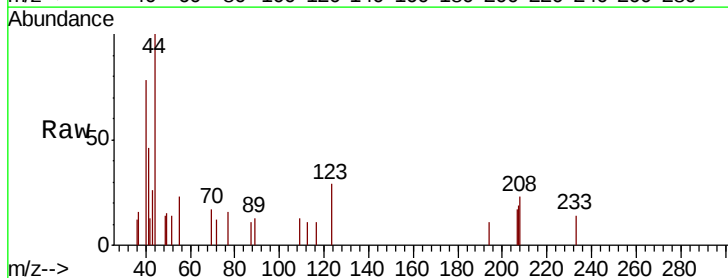
Ion Ratio Lower Upper

41 100

39 0.0 49.1 73.7#

67 0.0 48.2 72.4#

52 0.0 35.8 53.8#

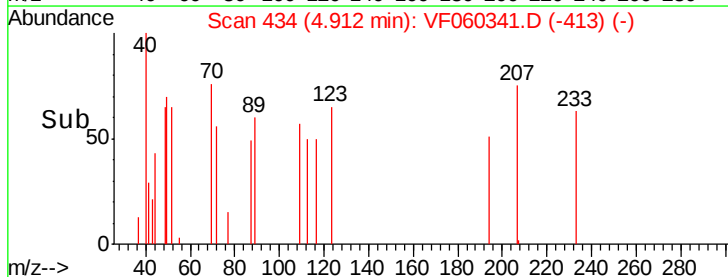
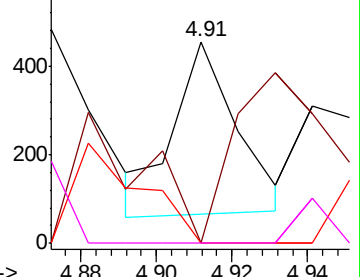


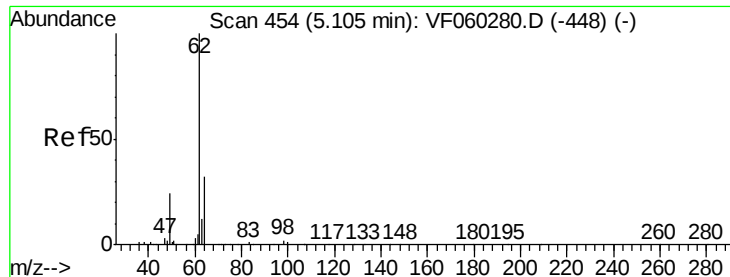
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#42

1,2-Dichloroethane

Concen: 6.275 ug/l

RT: 5.06 min Scan# 449

Delta R.T. -0.05 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

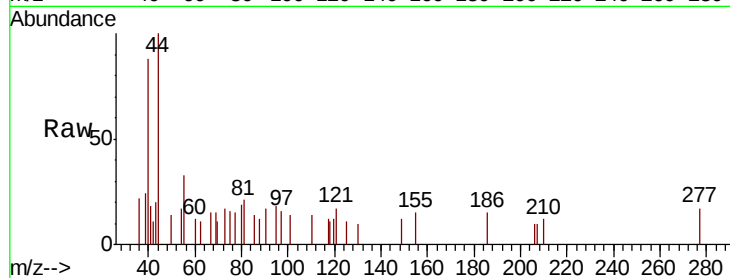
TP-C

Tgt Ion: 62 Resp: 65

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.4



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

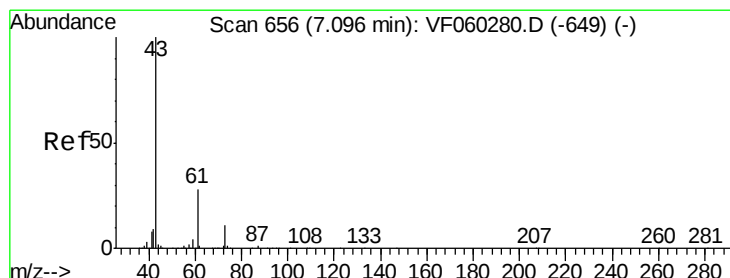
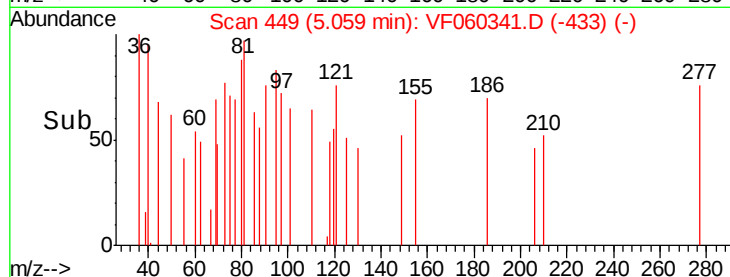
5.06

100

50

0

Time-->



#43

Isopropyl Acetate

Concen: 104.237 ug/l

RT: 7.08 min Scan# 654

Delta R.T. -0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

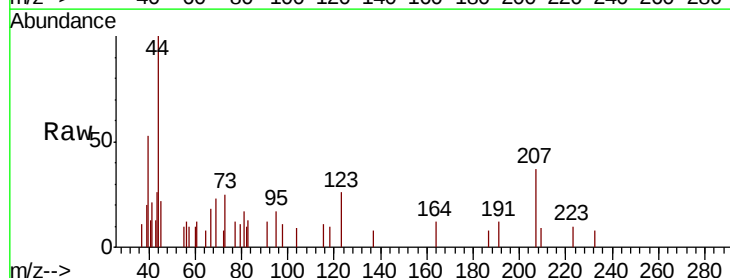
Tgt Ion: 43 Resp: 659

Ion Ratio Lower Upper

43 100

61 30.7 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

7.08

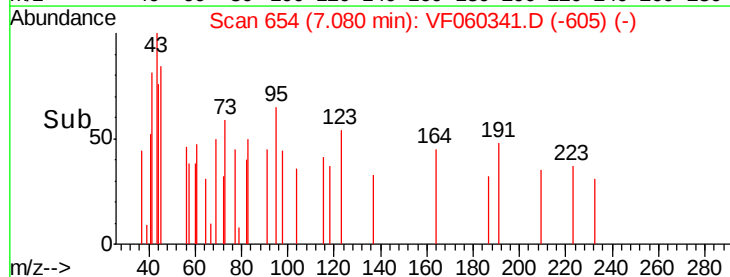
600

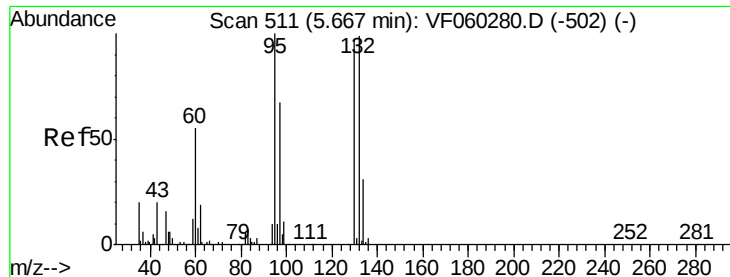
400

200

0

Time-->





#44

Trichloroethene

Concen: 9.074 ug/l

RT: 5.66 min Scan# 510

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

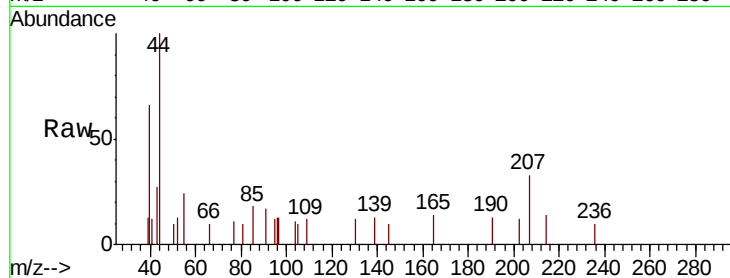
TP-C

Tgt Ion:130 Resp: 76

Ion Ratio Lower Upper

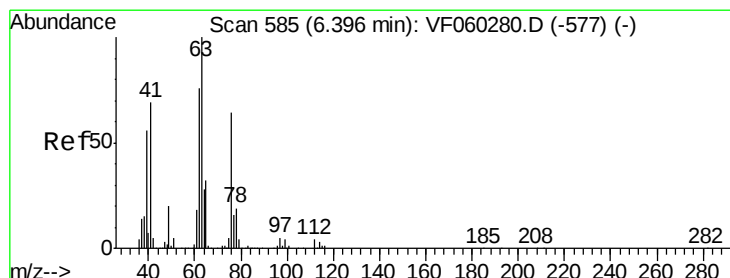
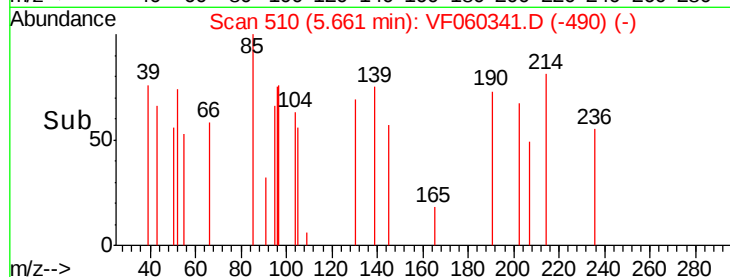
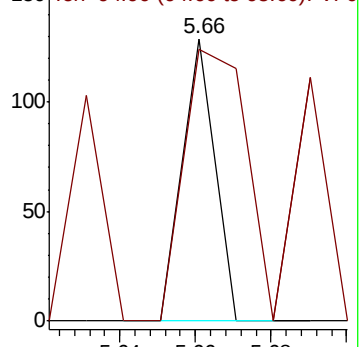
130 100

95 96.1 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: 12.906 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.01 min

Lab File: VF060341.D

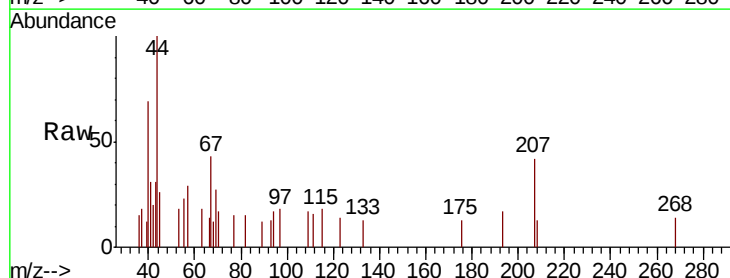
Acq: 25 Sep 2018 22:50

Tgt Ion: 63 Resp: 94

Ion Ratio Lower Upper

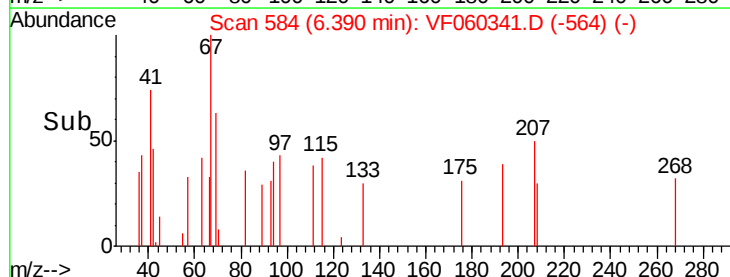
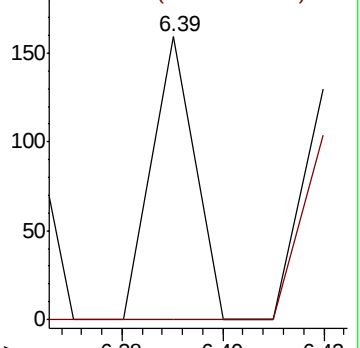
63 100

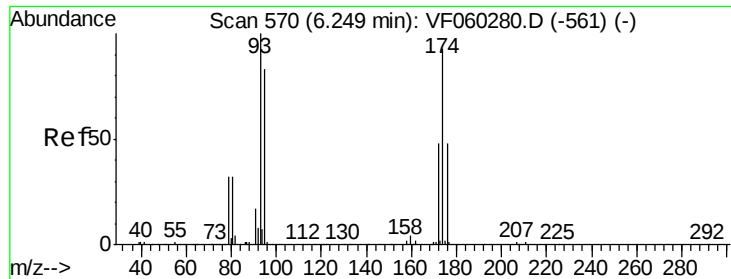
65 0.0 26.2 39.4#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0





#46

Dibromomethane

Concen: 14.790 ug/l

RT: 6.23 min Scan# 568

Delta R.T. -0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

TP-C

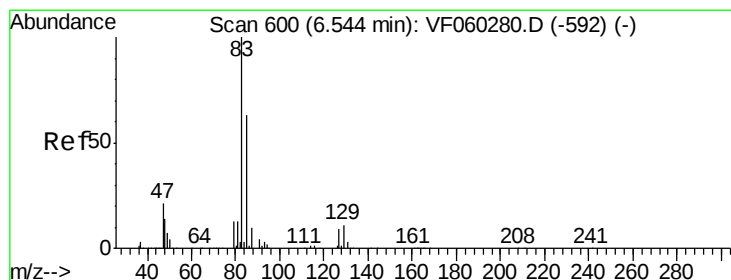
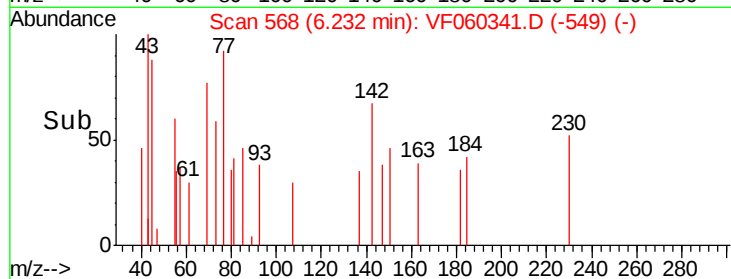
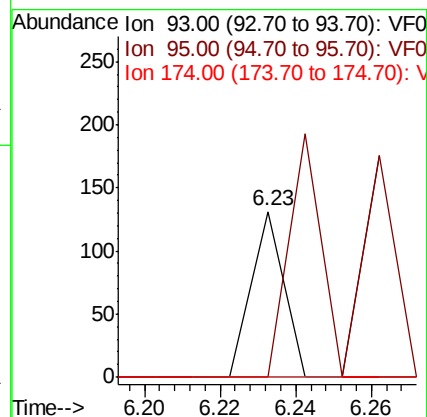
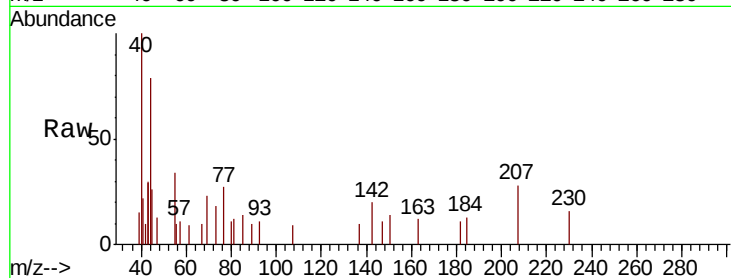
Tgt Ion: 93 Resp: 77

Ion Ratio Lower Upper

93 100

95 0.0 67.0 100.6#

174 0.0 74.8 112.2#



#47

Bromodichloromethane

Concen: 27.975 ug/l

RT: 6.54 min Scan# 599

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

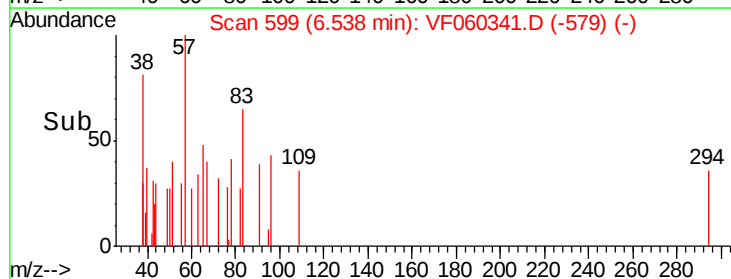
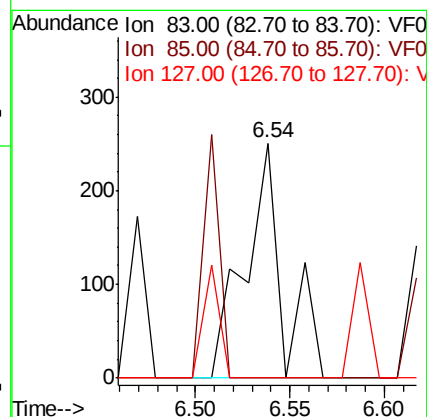
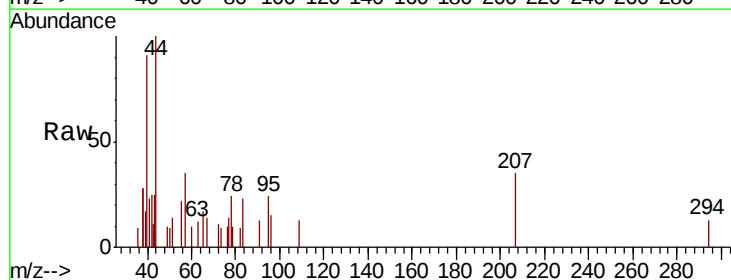
Tgt Ion: 83 Resp: 350

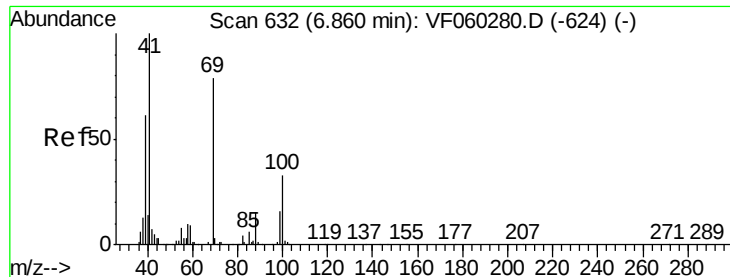
Ion Ratio Lower Upper

83 100

85 0.0 50.6 76.0#

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 230.512 ug/l

RT: 6.87 min Scan# 633

Delta R.T. 0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

TP-C

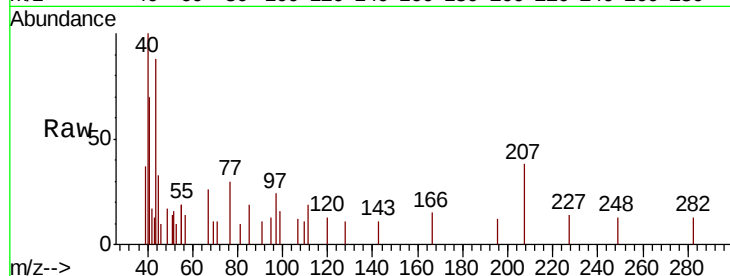
Tgt Ion: 41 Resp: 1023

Ion Ratio Lower Upper

41 100

69 15.8 62.6 94.0#

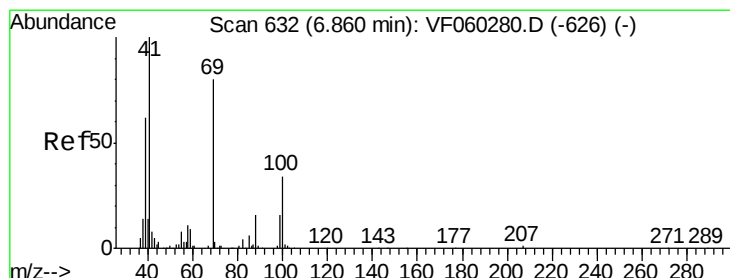
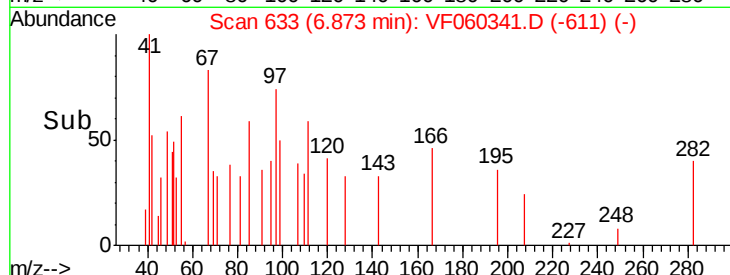
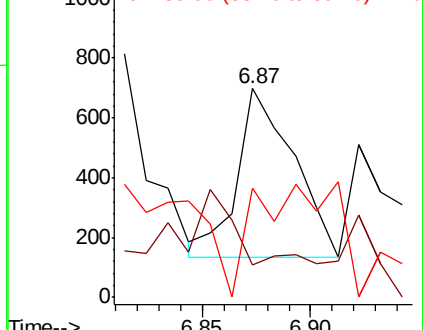
39 52.4 49.1 73.7



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: 2673.496 ug/l

RT: 6.88 min Scan# 634

Delta R.T. 0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

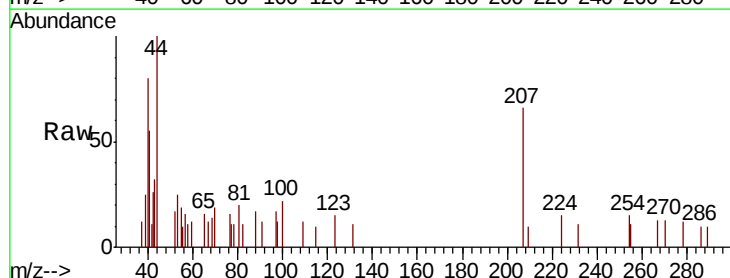
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

43 184.4 40.2 60.4#

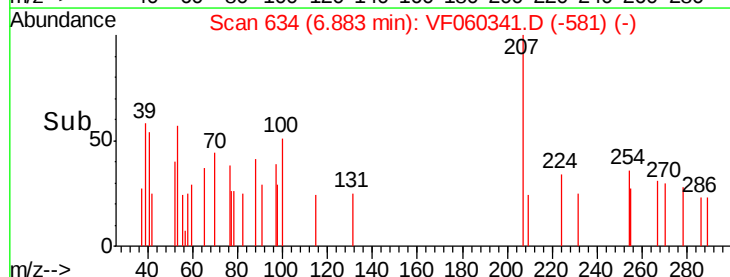
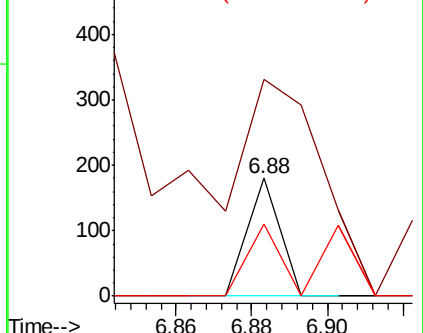
58 61.1 56.7 85.1

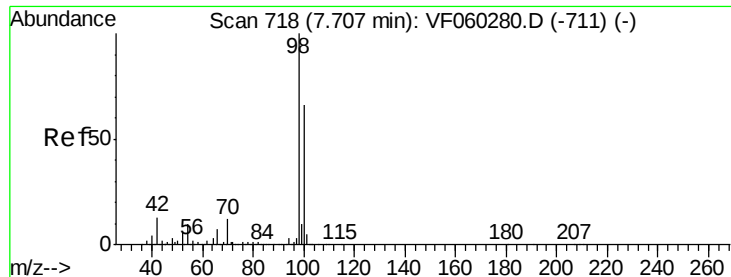


Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#50

Toluene-d8

Concen: 20.088 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

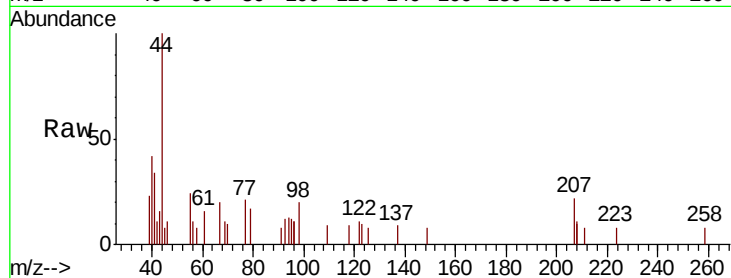
TP-C

Tgt Ion: 98 Resp: 464

Ion Ratio Lower Upper

98 100

100 0.0 53.0 79.6#

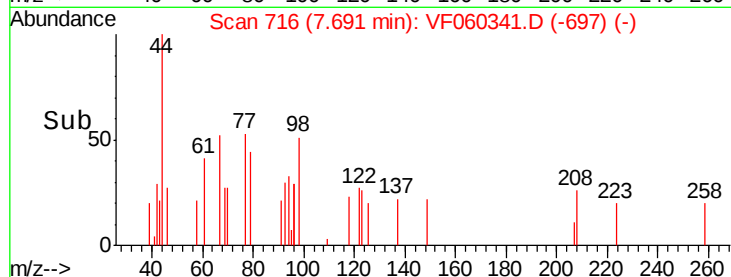


Abundance Ion 98.00 (97.70 to 98.70): VF0

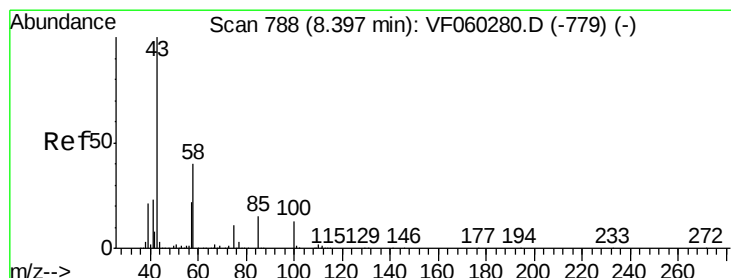
Ion 100.00 (99.70 to 100.70): VF

7.69

Time-->



Time-->



#51

4-Methyl-2-Pentanone

Concen: 91.735 ug/l

RT: 8.45 min Scan# 793

Delta R.T. 0.05 min

Lab File: VF060341.D

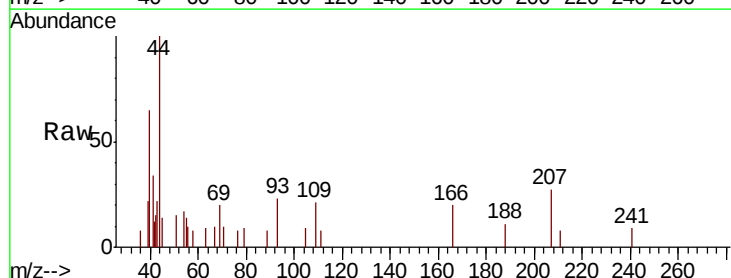
Acq: 25 Sep 2018 22:50

Tgt Ion: 43 Resp: 447

Ion Ratio Lower Upper

43 100

58 36.6 31.8 47.8

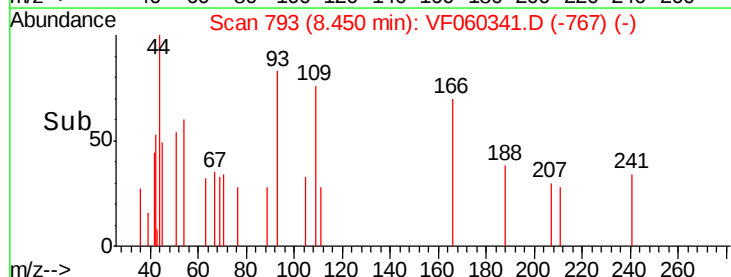


Abundance Ion 43.00 (42.70 to 43.70): VF0

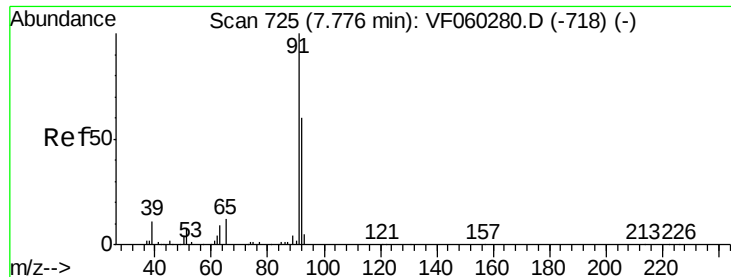
Ion 58.00 (57.70 to 58.70): VF0

8.45

Time-->



Time-->



#52

Toluene

Concen: 3.763 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

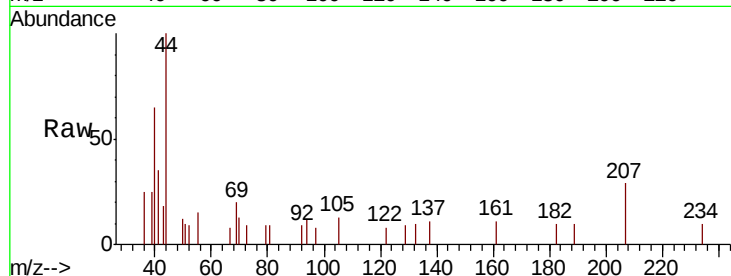
TP-C

Tgt Ion: 92 Resp: 67

Ion Ratio Lower Upper

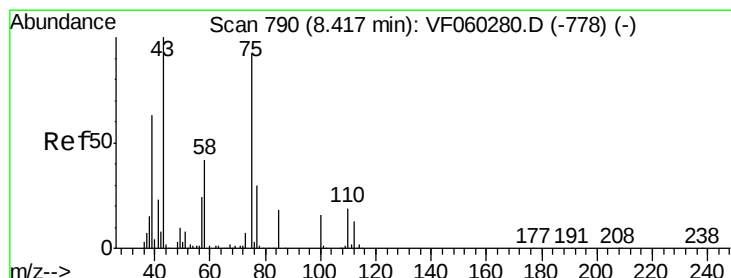
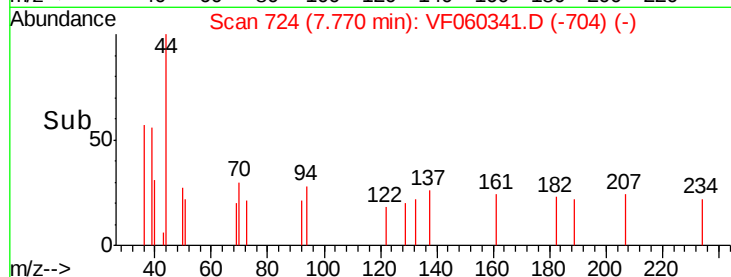
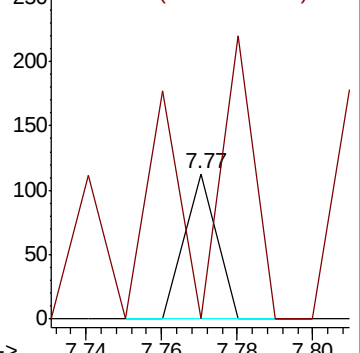
92 100

91 0.0 133.3 199.9#



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: 7.630 ug/l

RT: 8.39 min Scan# 787

Delta R.T. -0.03 min

Lab File: VF060341.D

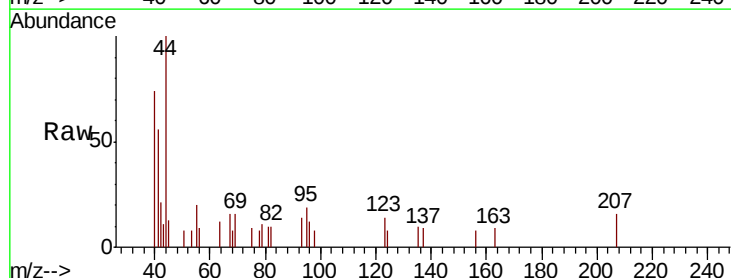
Acq: 25 Sep 2018 22:50

Tgt Ion: 75 Resp: 77

Ion Ratio Lower Upper

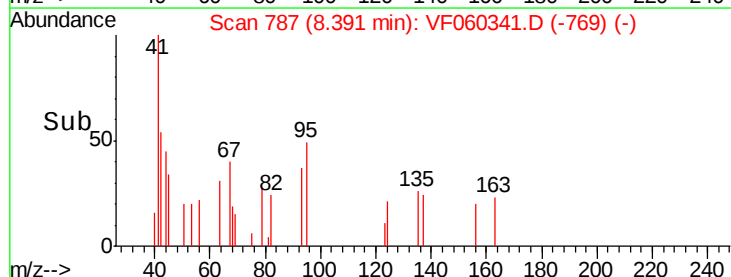
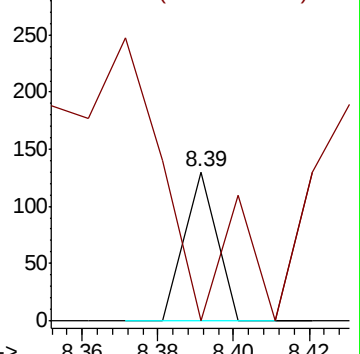
75 100

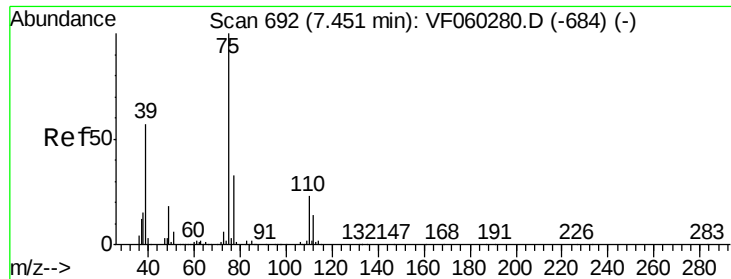
77 0.0 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#54

cis-1,3-Dichloropropene

Concen: 6.686 ug/l

RT: 7.44 min Scan# 690

Delta R.T. -0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleID :

TP-C

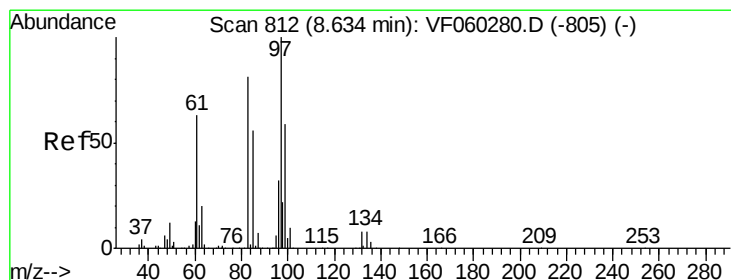
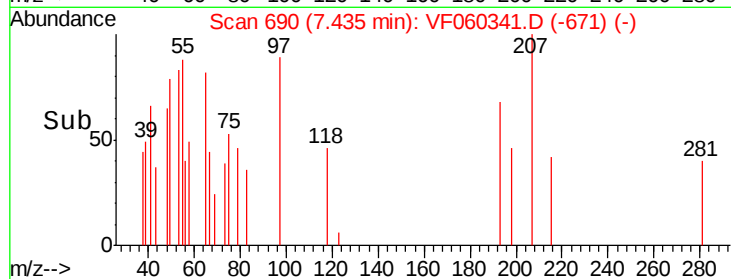
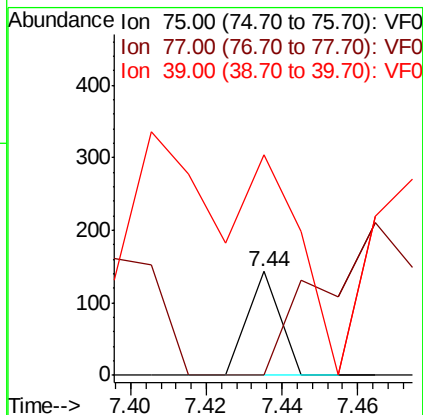
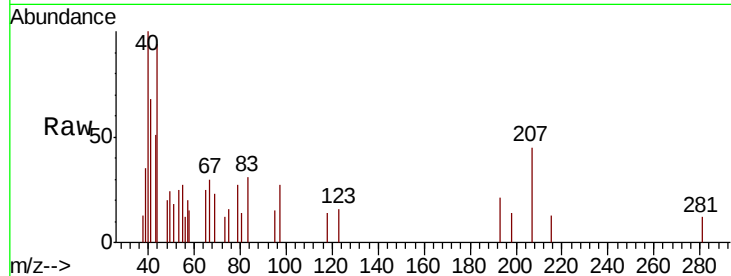
Tgt Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#

39 213.3 46.1 69.1#



#55

1,1,2-Trichloroethane

Concen: 15.730 ug/l

RT: 8.63 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Tgt Ion: 97 Resp: 85

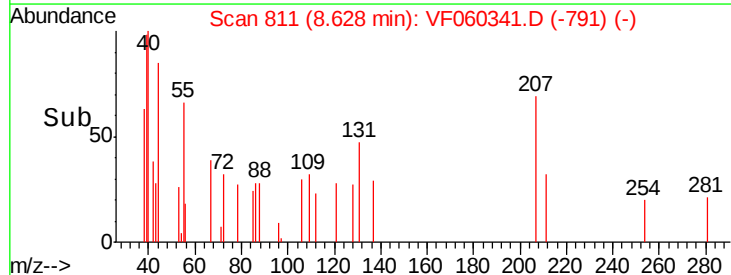
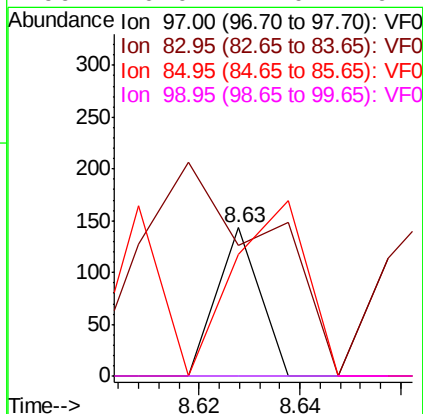
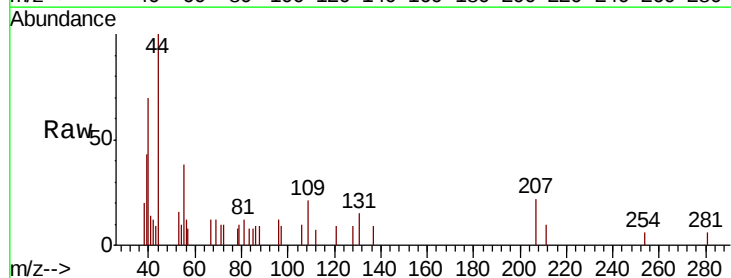
Ion Ratio Lower Upper

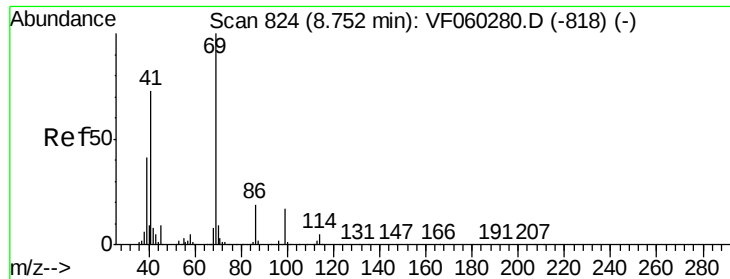
97 100

83 88.1 65.3 97.9

85 82.5 44.7 67.1#

99 0.0 47.0 70.4#





#56

Ethyl methacrylate

Concen: 111.094 ug/l

RT: 8.73 min Scan# 821

Delta R.T. -0.03 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

TP-C

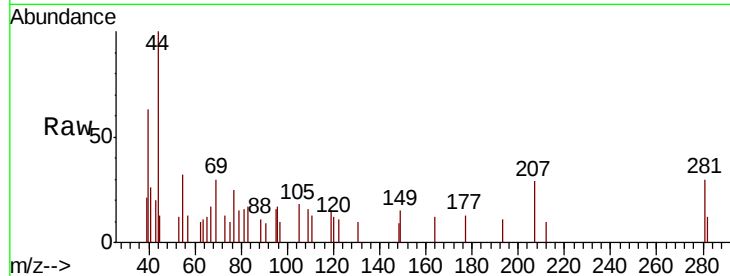
Tgt Ion: 69 Resp: 725

Ion Ratio Lower Upper

69 100

41 86.4 59.4 89.2

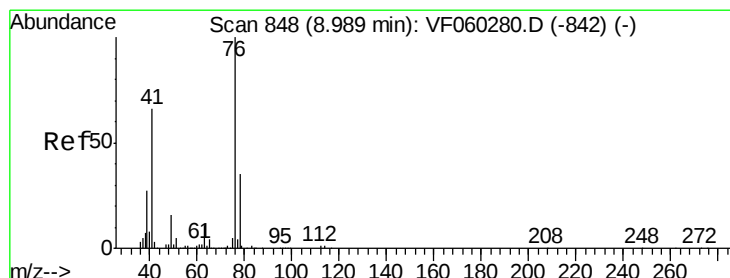
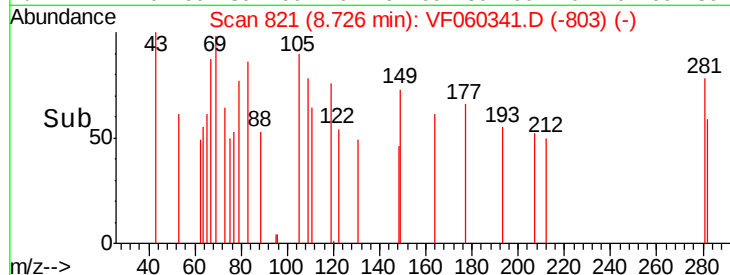
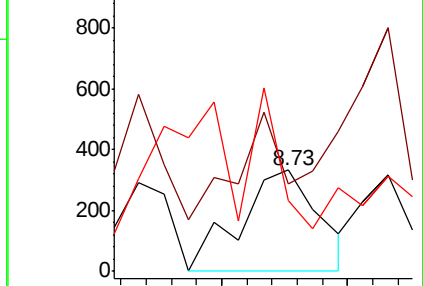
39 70.5 33.5 50.3#



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: 7.488 ug/l

RT: 8.98 min Scan# 847

Delta R.T. -0.01 min

Lab File: VF060341.D

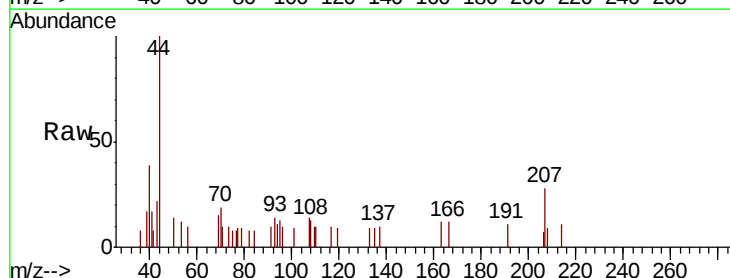
Acq: 25 Sep 2018 22:50

Tgt Ion: 76 Resp: 67

Ion Ratio Lower Upper

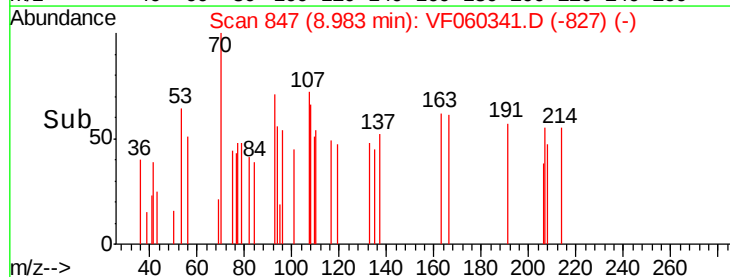
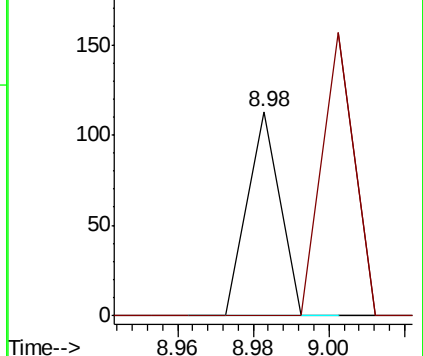
76 100

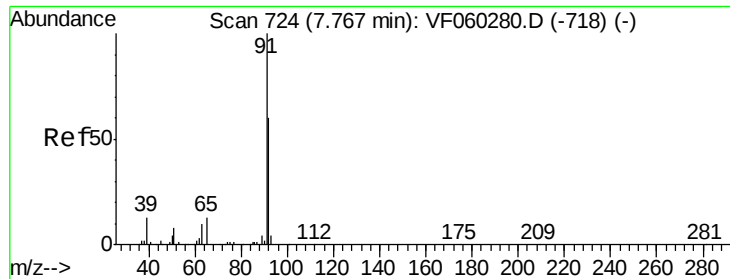
78 0.0 28.2 42.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0





#58

2-Chloroethyl Vinyl ether

Concen: 225.335 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.07 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

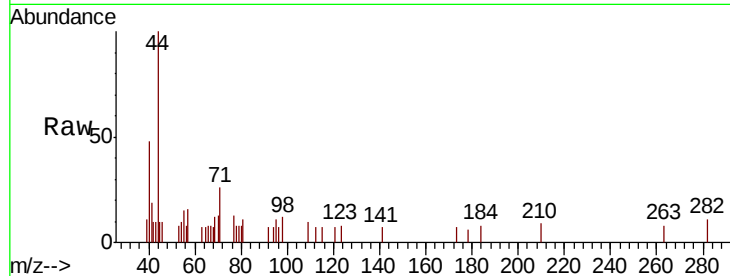
TP-C

Tgt Ion: 63 Resp: 130

Ion Ratio Lower Upper

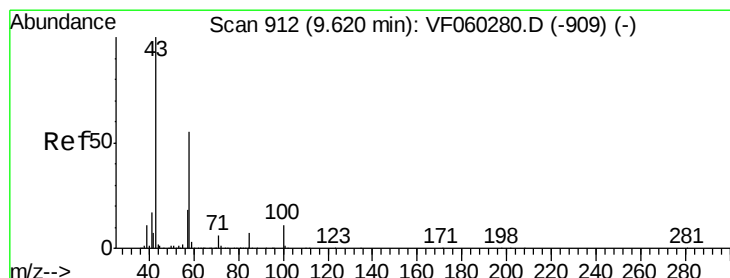
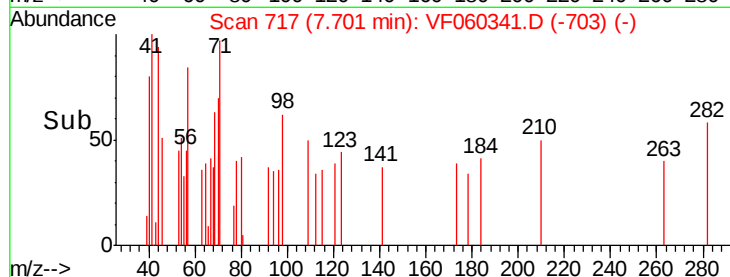
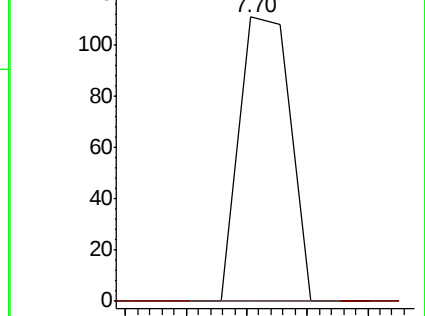
63 100

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



#59

2-Hexanone

Concen: 52.458 ug/l

RT: 9.56 min Scan# 906

Delta R.T. -0.06 min

Lab File: VF060341.D

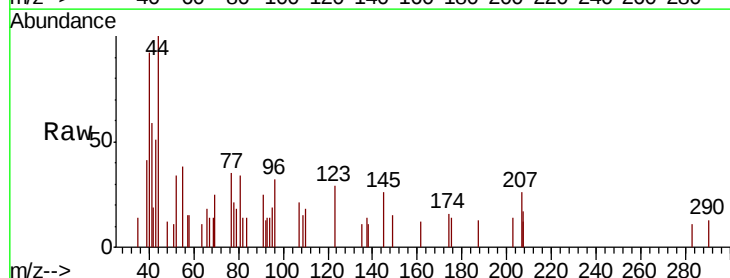
Acq: 25 Sep 2018 22:50

Tgt Ion: 43 Resp: 182

Ion Ratio Lower Upper

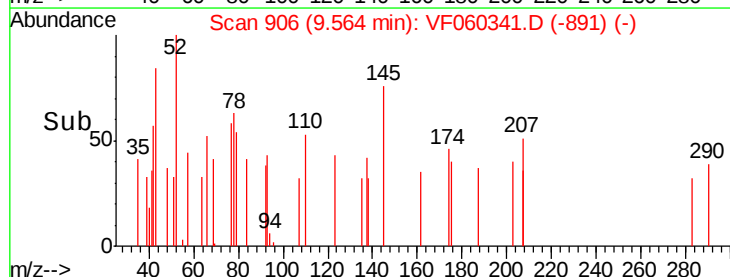
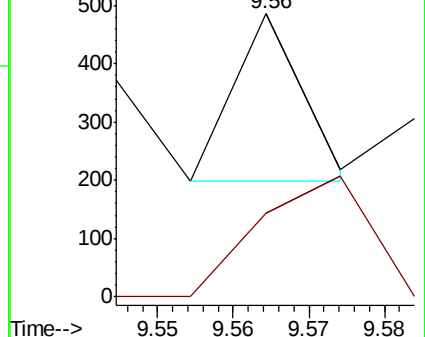
43 100

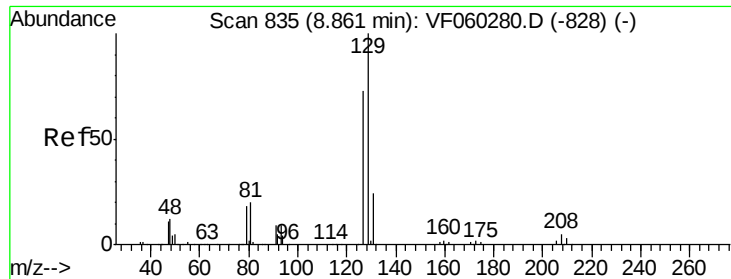
58 29.6 25.9 77.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#60

Dibromochloromethane

Concen: 9.685 ug/l

RT: 8.95 min Scan# 844

Delta R.T. 0.09 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

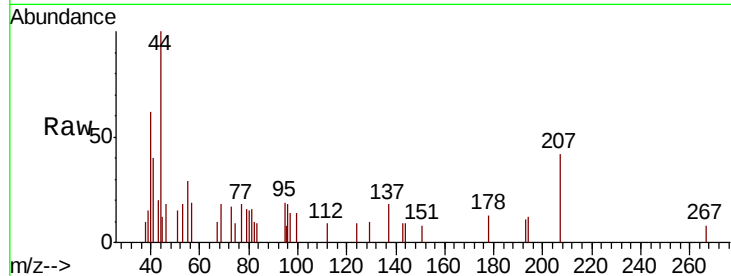
TP-C

Tgt Ion:129 Resp: 78

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

8.95

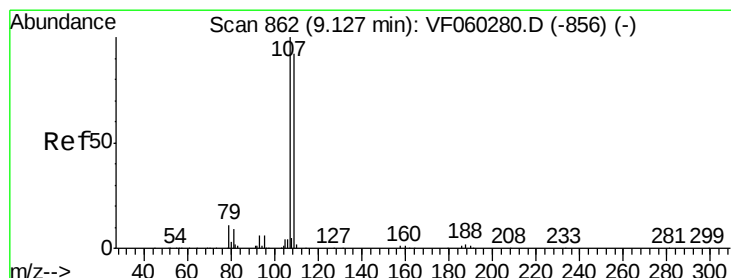
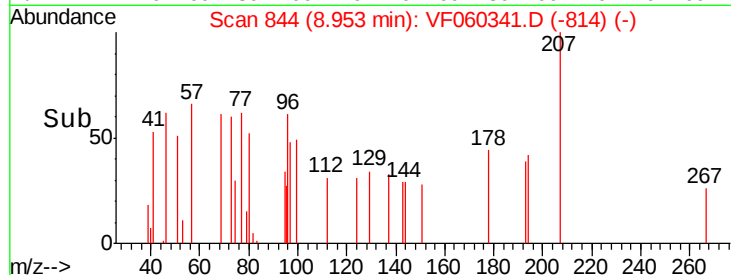
150

100

50

0

Time-->



#61

1,2-Dibromoethane

Concen: 33.570 ug/l

RT: 9.06 min Scan# 855

Delta R.T. -0.07 min

Lab File: VF060341.D

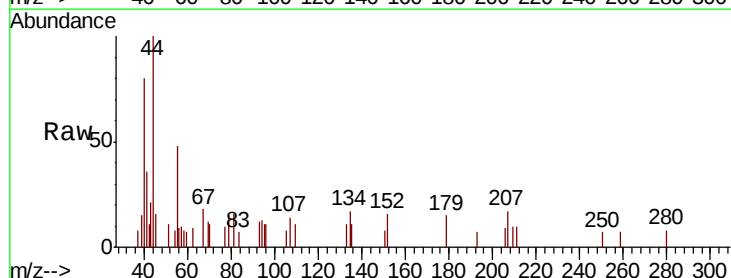
Acq: 25 Sep 2018 22:50

Tgt Ion:107 Resp: 202

Ion Ratio Lower Upper

107 100

109 78.8 73.2 109.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

400

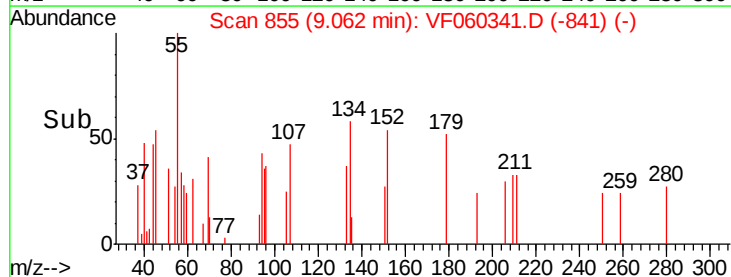
300

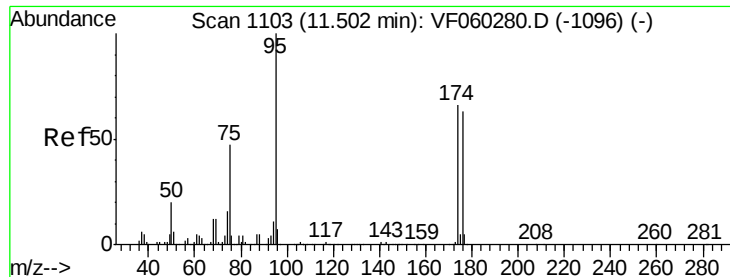
200

100

0

Time-->





#62

4-Bromofluorobenzene

Concen: 177.470 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

TP-C

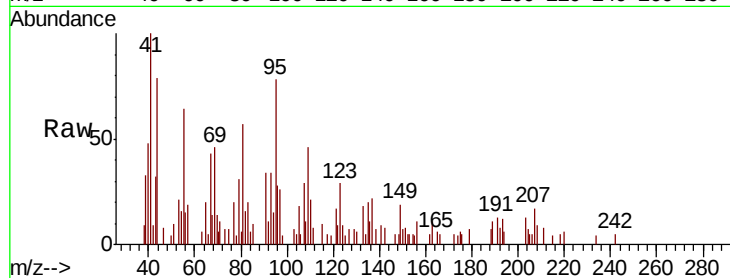
Tgt Ion: 95 Resp: 1772

Ion Ratio Lower Upper

95 100

174 5.4 0.0 131.2

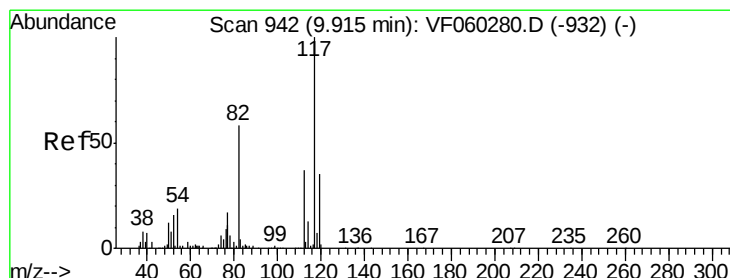
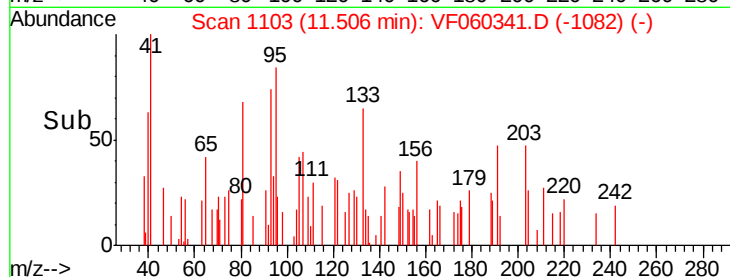
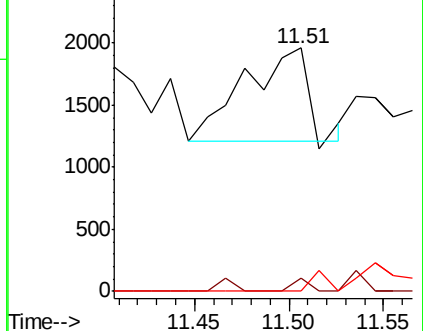
176 0.0 0.0 126.6



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: 9.94 min Scan# 944

Delta R.T. 0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

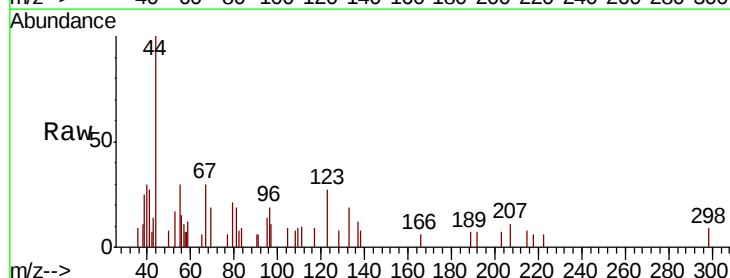
Tgt Ion: 117 Resp: 222

Ion Ratio Lower Upper

117 100

82 85.4 46.2 69.2#

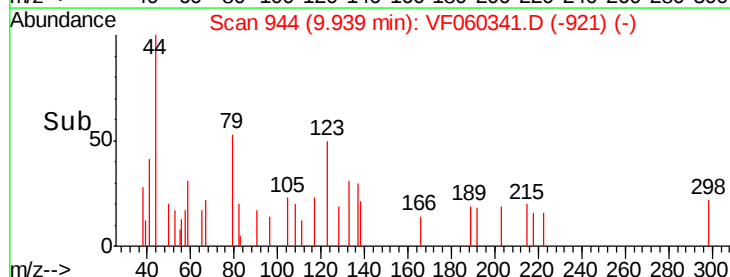
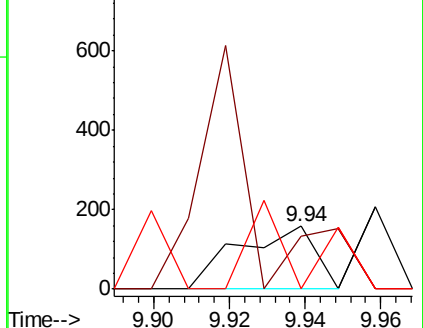
119 0.0 27.8 41.6#

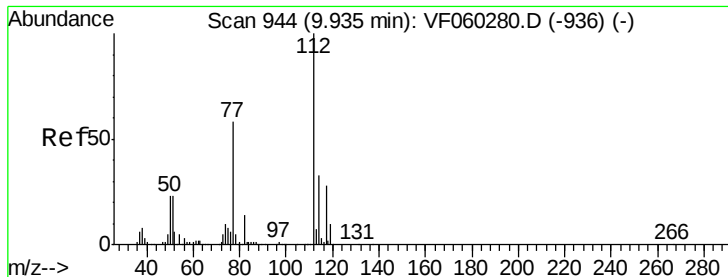


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#65

Chlorobenzene

Concen: 15.105 ug/l

RT: 9.93 min Scan# 943

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

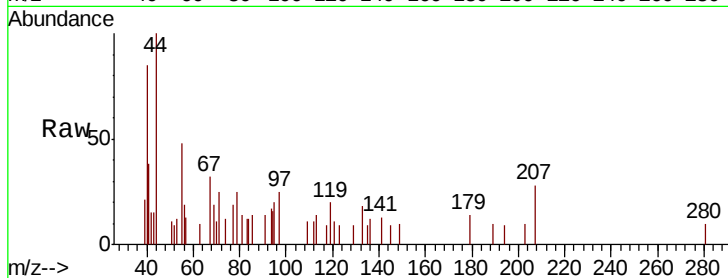
TP-C

Tgt Ion:112 Resp: 76

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

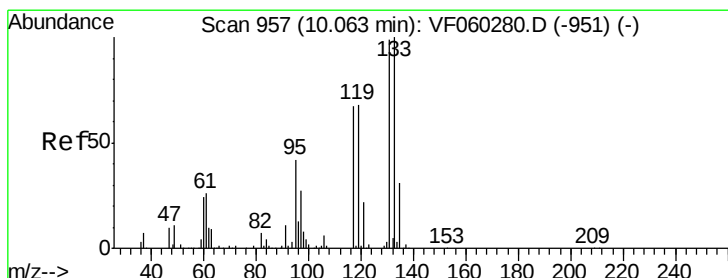
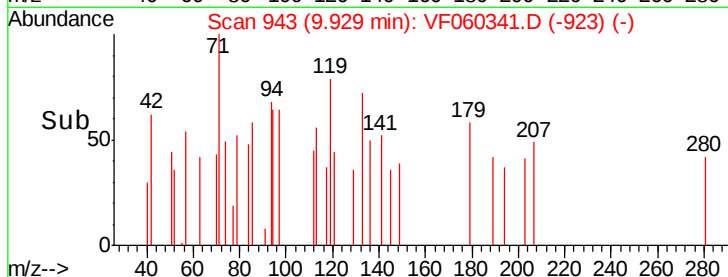
9.93

100

50

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.286 ug/l

RT: 10.14 min Scan# 964

Delta R.T. 0.07 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

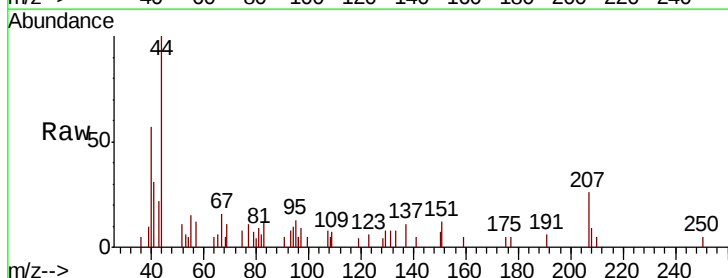
Tgt Ion:131 Resp: 105

Ion Ratio Lower Upper

131 100

133 98.3 50.4 151.2

119 57.6 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

10.14

250

200

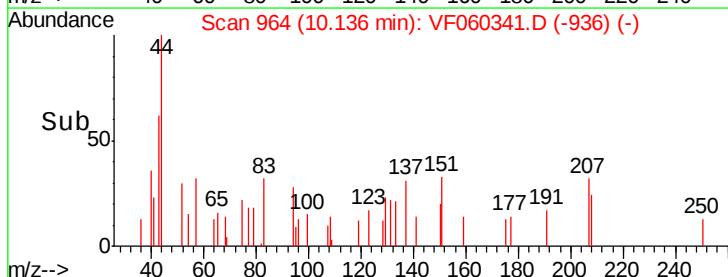
150

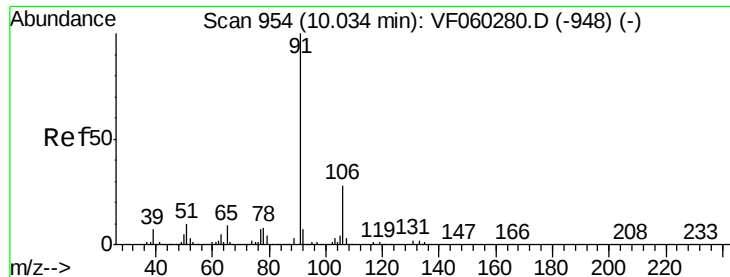
100

50

0

Time-->

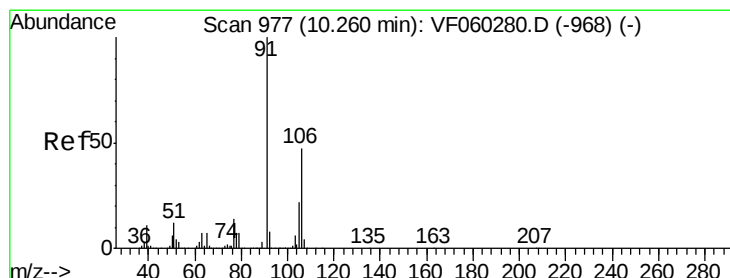
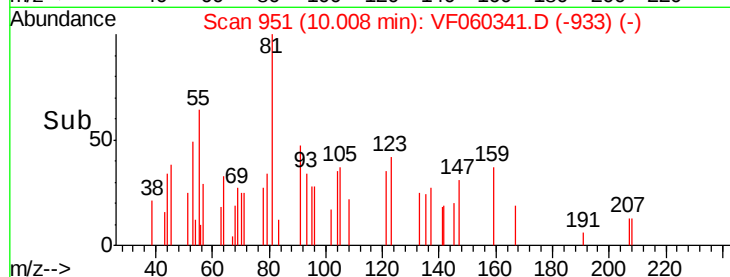
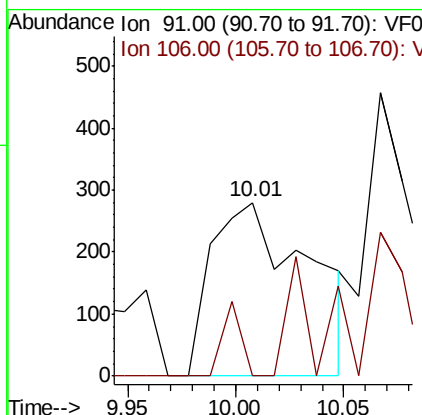
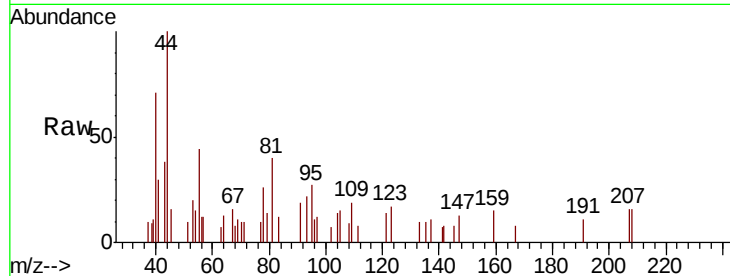




#67
Ethyl Benzene
Concen: 93.948 ug/l
RT: 10.01 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF060341.D
Acq: 25 Sep 2018 22:50

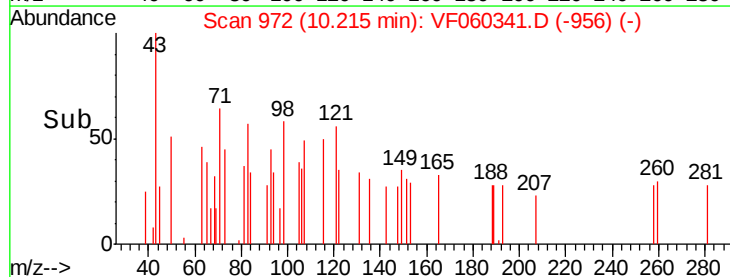
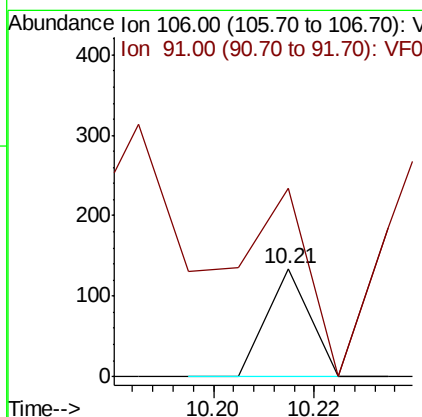
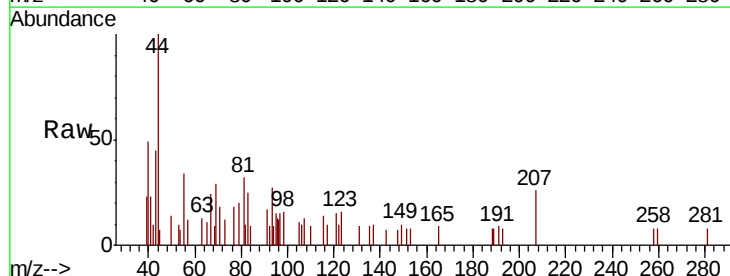
Instrument :
MSVOA_F
ClientSampled :
TP-C

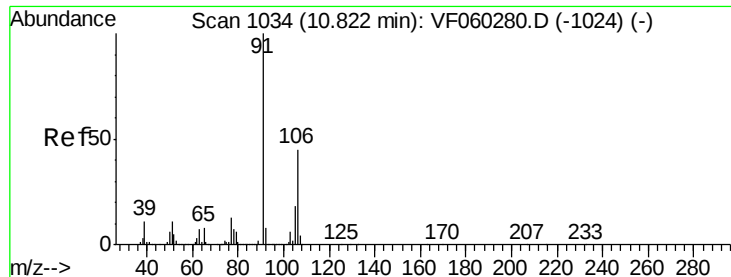
Tgt Ion: 91 Resp: 874
Ion Ratio Lower Upper
91 100
106 0.0 22.7 34.1#



#68
m/p-Xylenes
Concen: 24.579 ug/l
RT: 10.21 min Scan# 972
Delta R.T. -0.05 min
Lab File: VF060341.D
Acq: 25 Sep 2018 22:50

Tgt Ion: 106 Resp: 79
Ion Ratio Lower Upper
106 100
91 174.6 172.3 258.5

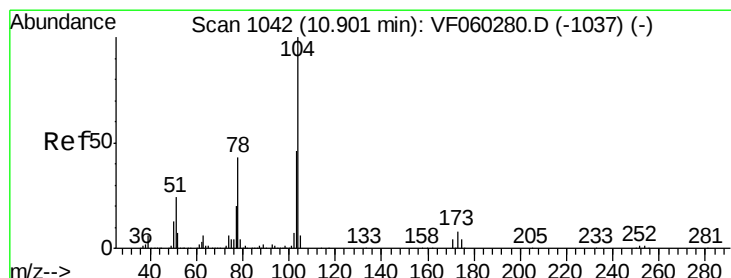
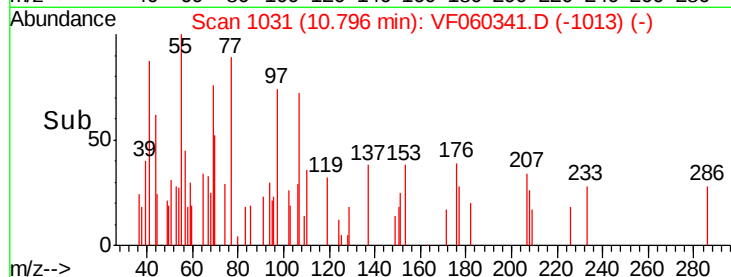
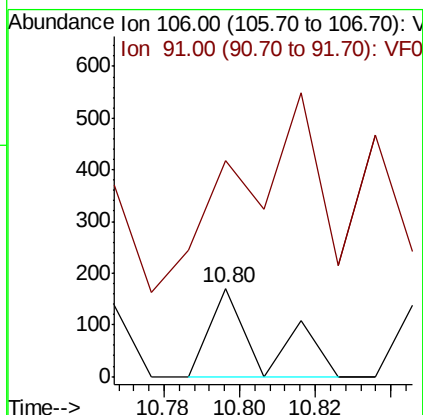
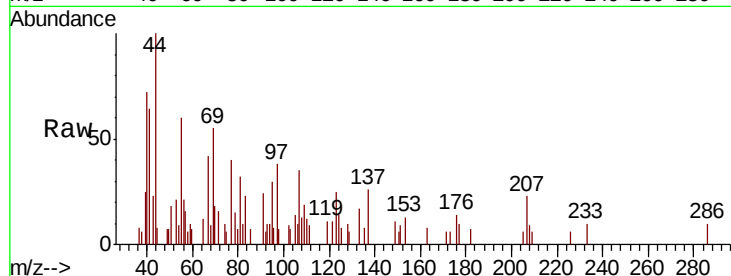




#69
o-Xylene
Concen: 45.770 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.03 min
Lab File: VF060341.D
Acq: 25 Sep 2018 22:50

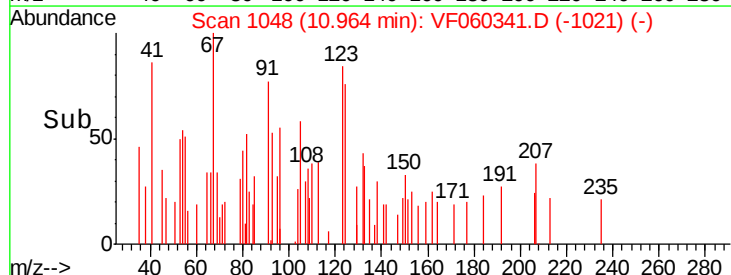
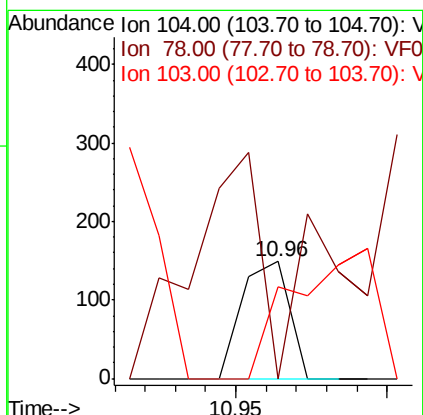
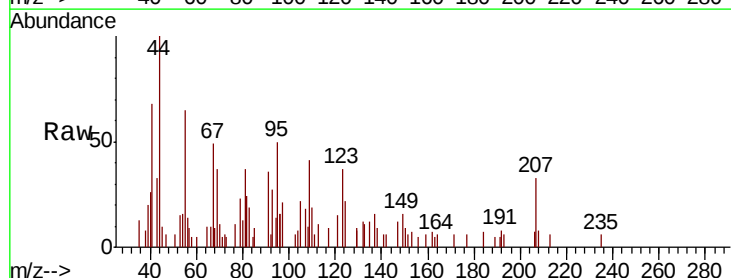
Instrument :
MSVOA_F
ClientSampleId :
TP-C

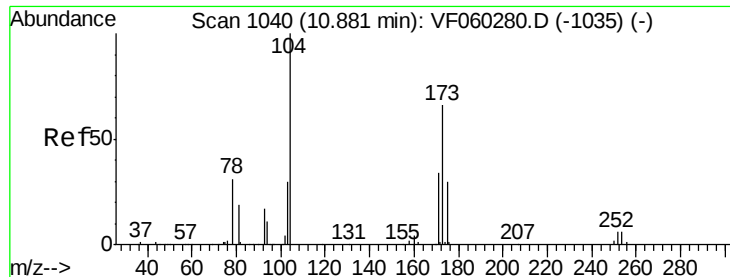
Tgt Ion:106 Resp: 165
Ion Ratio Lower Upper
106 100
91 243.9 110.9 332.6



#70
Styrene
Concen: 32.455 ug/l
RT: 10.96 min Scan# 1048
Delta R.T. 0.06 min
Lab File: VF060341.D
Acq: 25 Sep 2018 22:50

Tgt Ion:104 Resp: 165
Ion Ratio Lower Upper
104 100
78 0.0 35.0 52.6#
103 77.9 37.4 56.0#





#71

Bromoform

Concen: 92.434 ug/l

RT: 10.89 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

TP-C

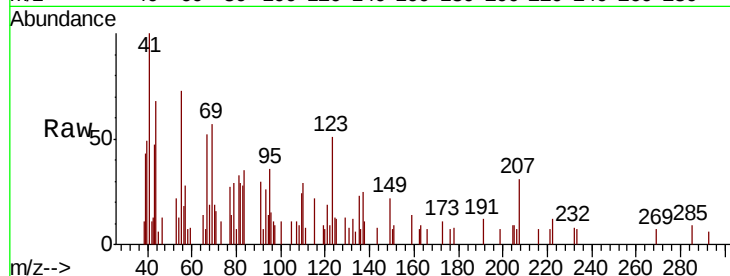
Tgt Ion:173 Resp: 106

Ion Ratio Lower Upper

173 100

175 0.0 22.3 66.9#

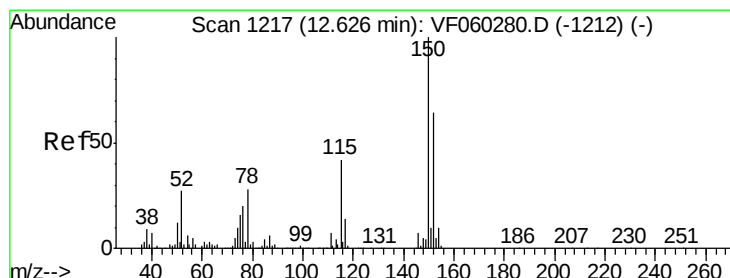
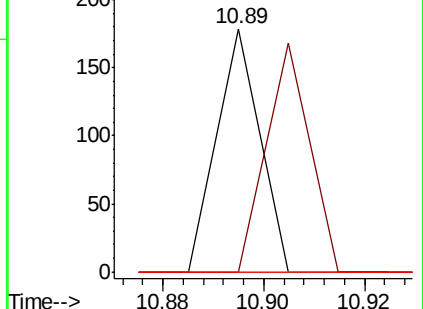
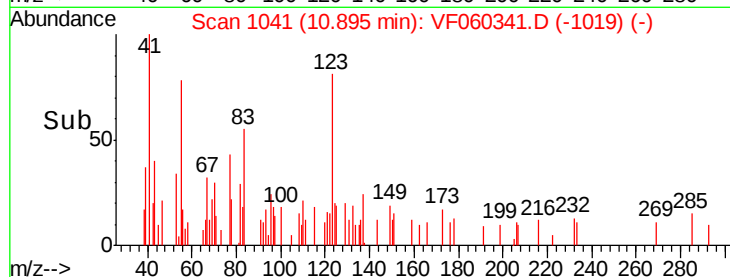
254 0.0 0.0 0.0



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: 12.72 min Scan# 1226

Delta R.T. 0.09 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

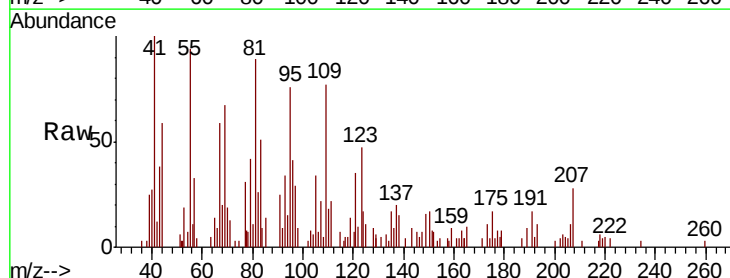
Tgt Ion:152 Resp: 379

Ion Ratio Lower Upper

152 100

115 97.5 32.6 97.8

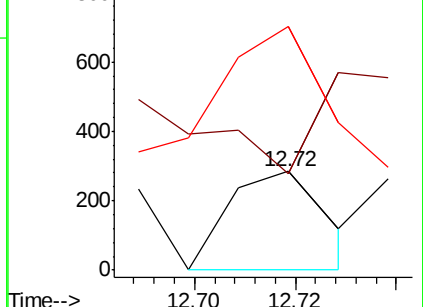
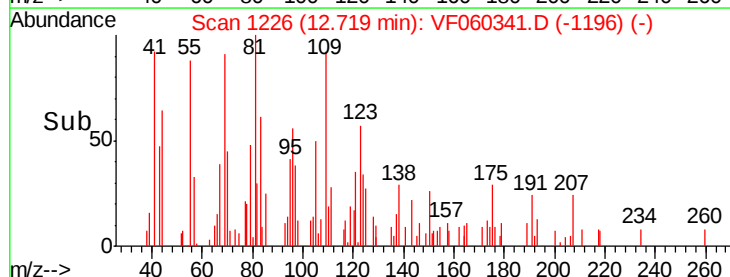
150 247.2 0.0 314.2

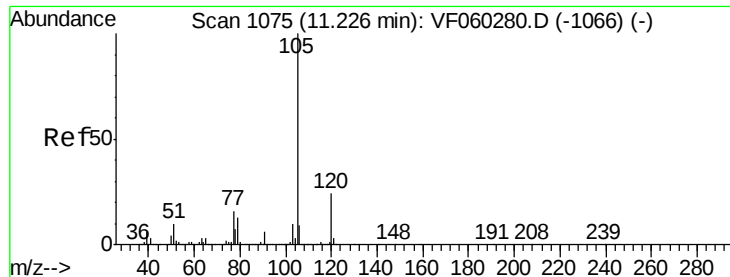


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 10.875 ug/l

RT: 11.32 min Scan# 1084

Delta R.T. 0.09 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

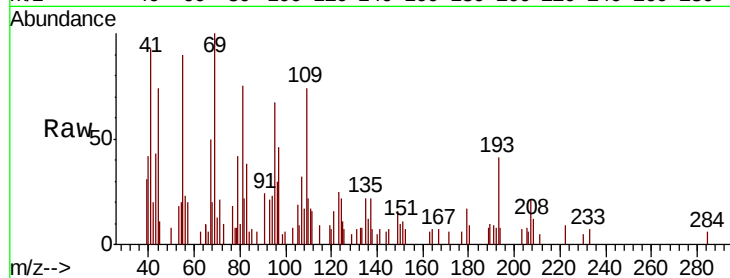
TP-C

Tgt Ion:105 Resp: 370

Ion Ratio Lower Upper

105 100

120 36.1 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500

400

300

200

100

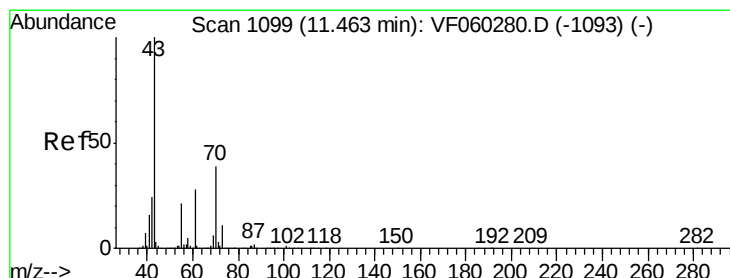
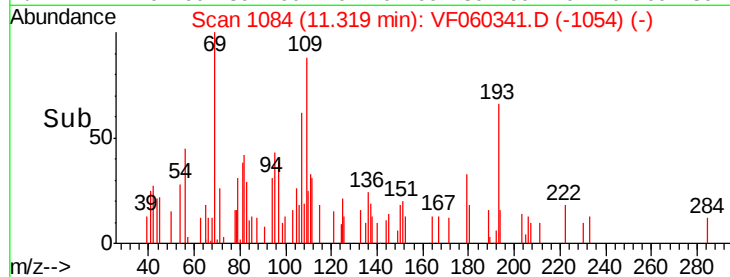
0

11.30

11.32

11.35

Time-->



#74

N-ethyl acetate

Concen: 176.420 ug/l

RT: 11.45 min Scan# 1097

Delta R.T. -0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Tgt Ion: 43 Resp: 1280

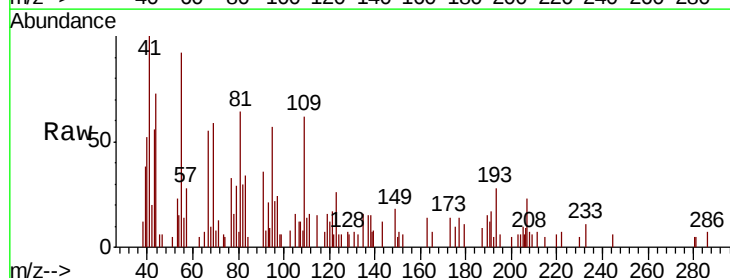
Ion Ratio Lower Upper

43 100

70 15.0 31.4 47.2#

55 162.0 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

3000

2500

2000

1500

1000

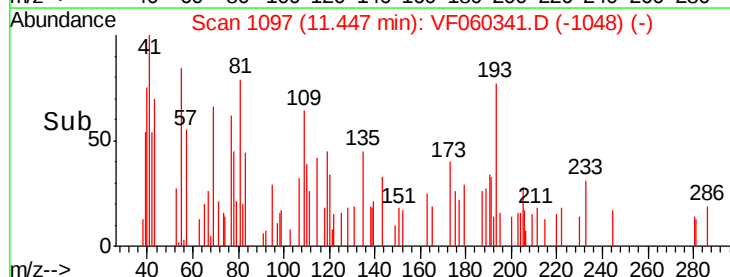
500

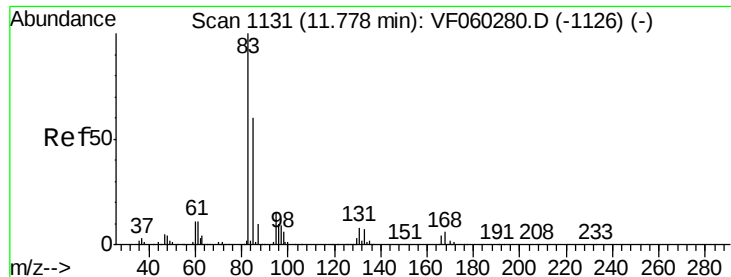
0

11.45

11.50

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 134.167 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

TP-C

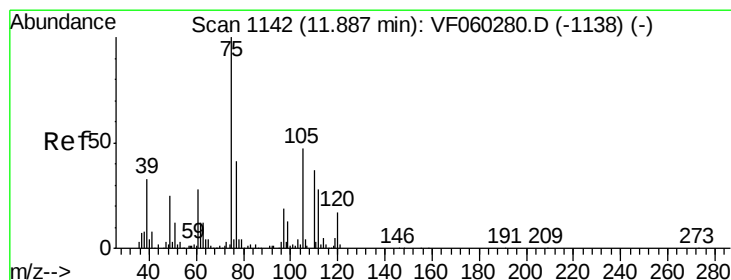
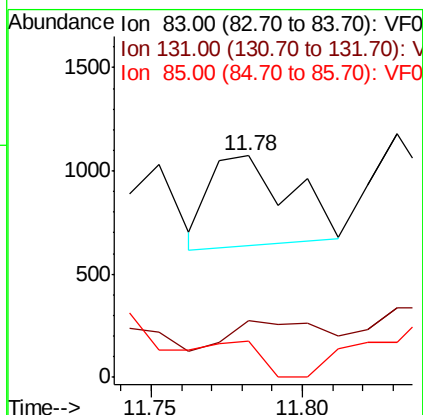
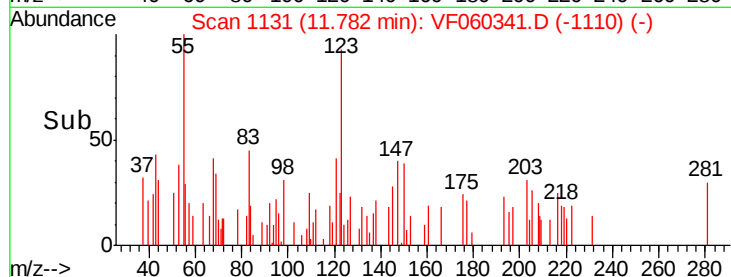
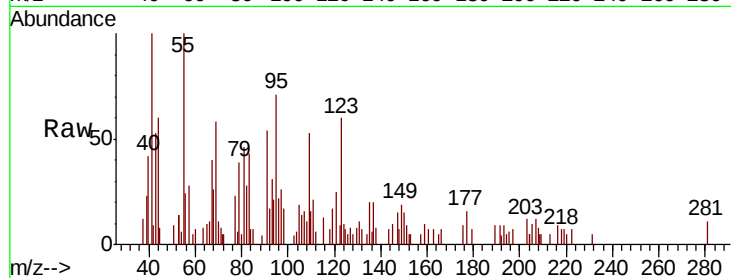
Tgt Ion: 83 Resp: 809

Ion Ratio Lower Upper

83 100

131 25.6 4.2 12.4#

85 16.6 30.1 90.5#



#76

1,2,3-Trichloropropane

Concen: 53.273 ug/l

RT: 11.90 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF060341.D

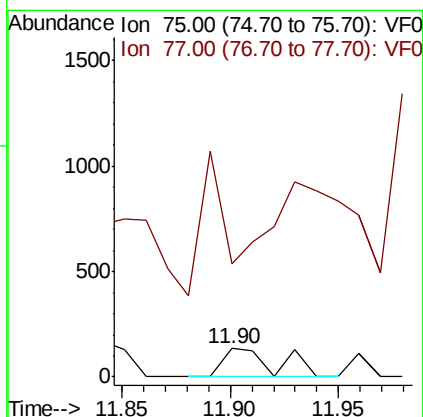
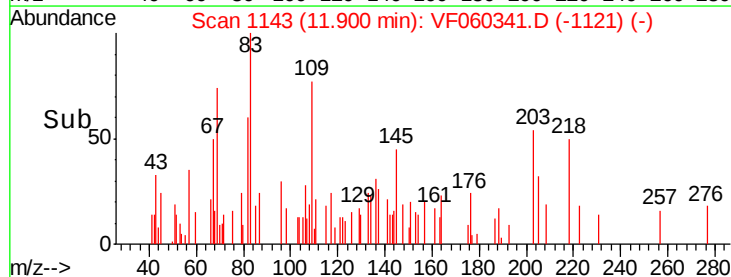
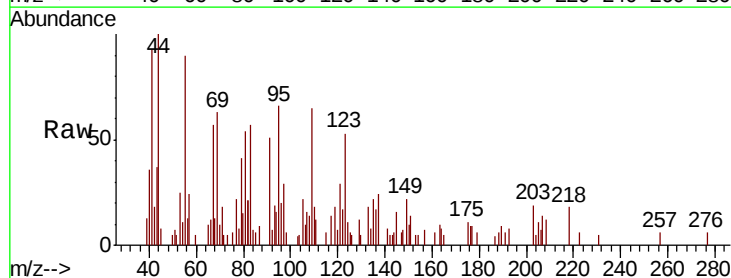
Acq: 25 Sep 2018 22:50

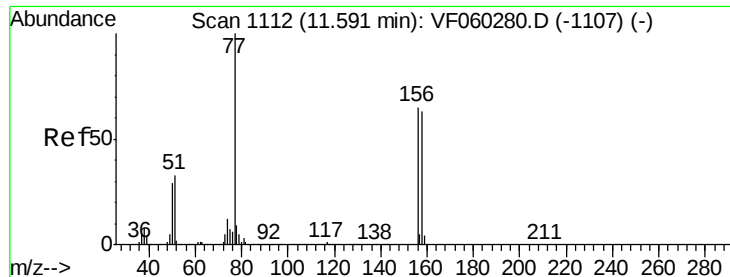
Tgt Ion: 75 Resp: 230

Ion Ratio Lower Upper

75 100

77 398.5 20.5 61.5#





#77

Bromobenzene

Concen: 25.094 ug/l

RT: 11.60 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

TP-C

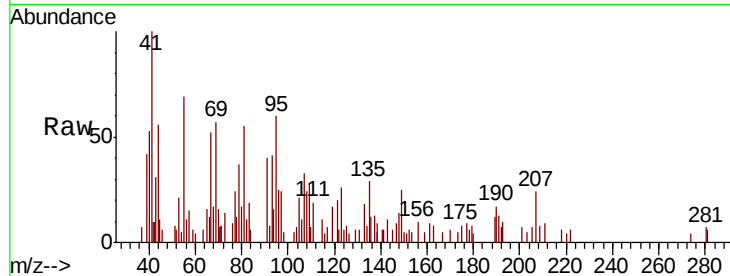
Tgt Ion: 156 Resp: 184

Ion Ratio Lower Upper

156 100

77 251.1 77.3 232.1#

158 0.0 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

1500

1000

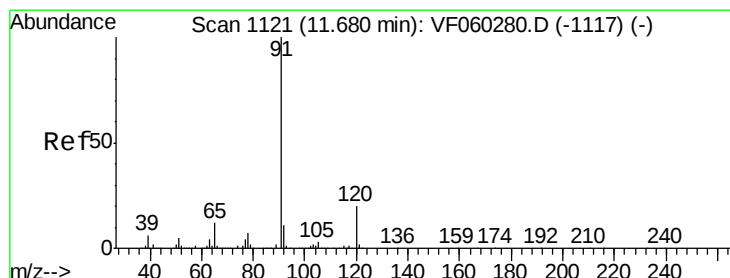
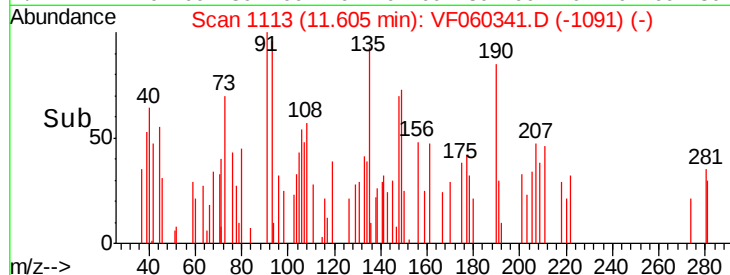
500

0

11.60

11.65

Time-->



#78

n-propylbenzene

Concen: 16.401 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: VF060341.D

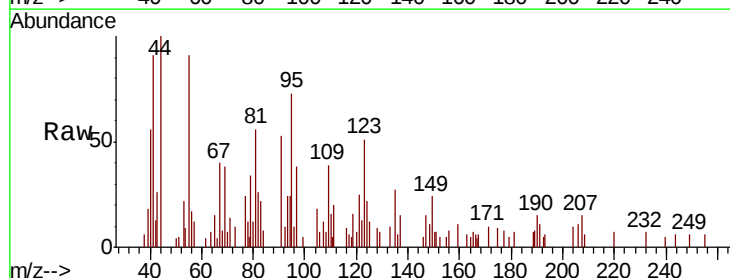
Acq: 25 Sep 2018 22:50

Tgt Ion: 91 Resp: 738

Ion Ratio Lower Upper

91 100

120 13.9 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

1500

1000

500

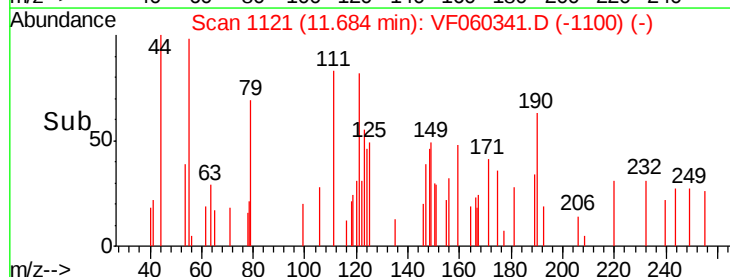
0

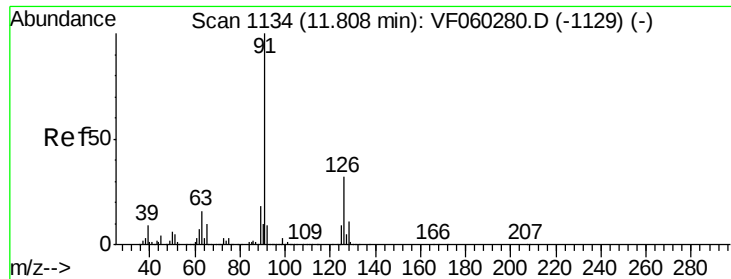
11.66

11.68

11.70

Time-->





#79

2-Chlorotoluene

Concen: 63.484 ug/l

RT: 11.84 min Scan# 1137

Delta R.T. 0.03 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

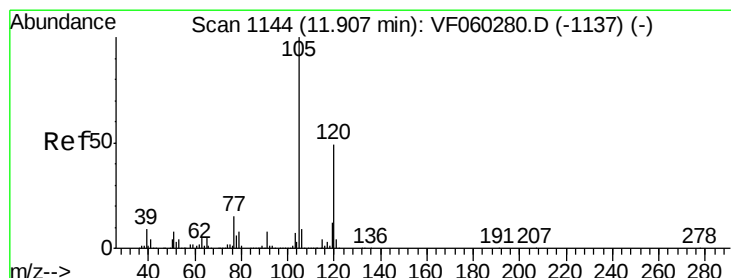
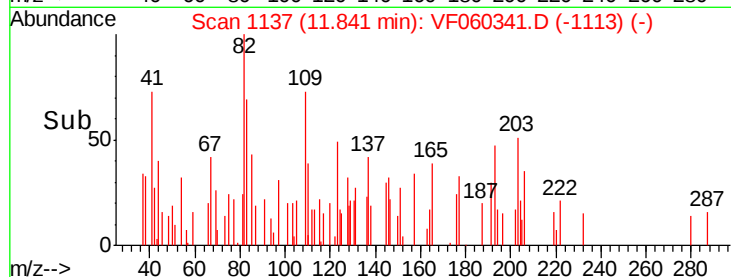
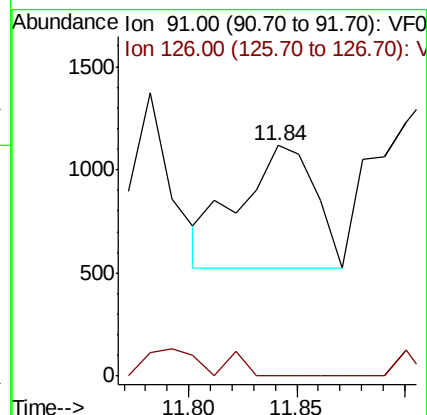
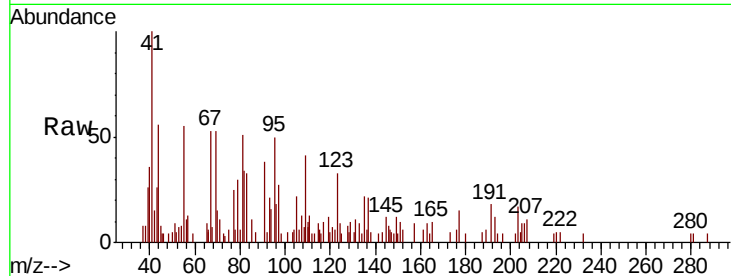
TP-C

Tgt Ion: 91 Resp: 1457

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#



#80

1,3,5-Trimethylbenzene

Concen: 25.595 ug/l

RT: 11.93 min Scan# 1146

Delta R.T. 0.02 min

Lab File: VF060341.D

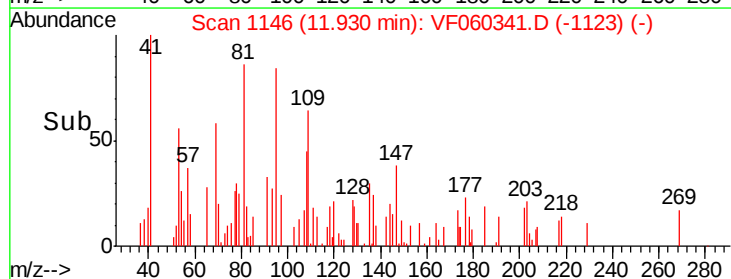
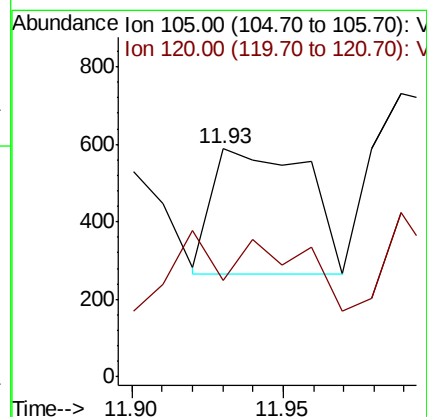
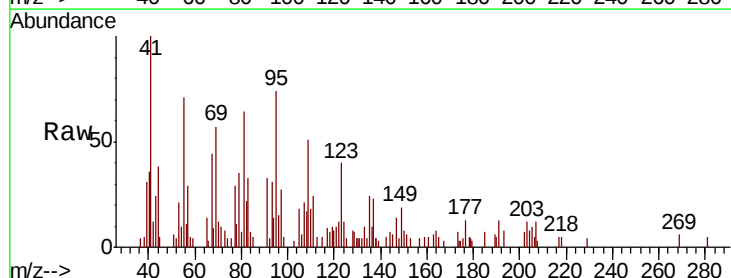
Acq: 25 Sep 2018 22:50

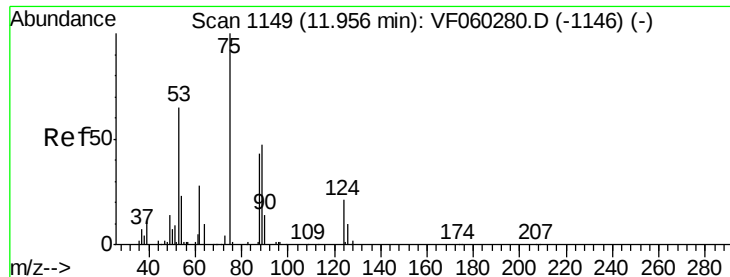
Tgt Ion: 105 Resp: 701

Ion Ratio Lower Upper

105 100

120 42.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 29.365 ug/l

RT: 11.96 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

TP-C

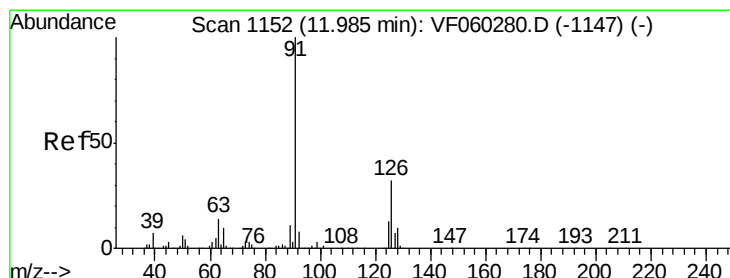
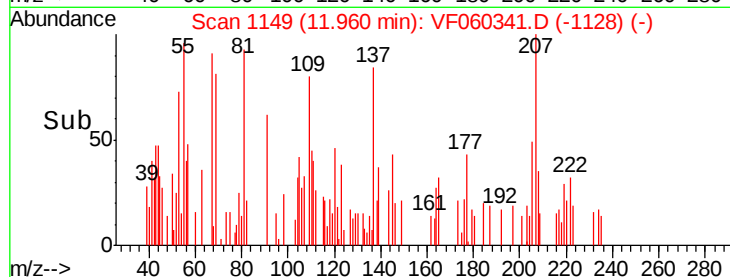
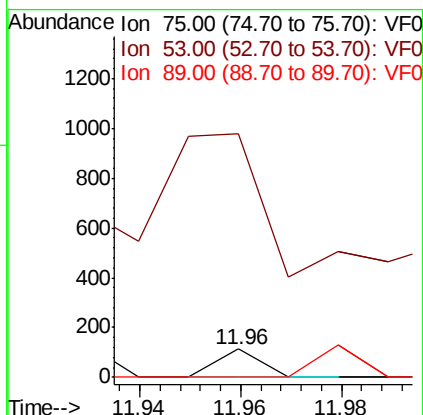
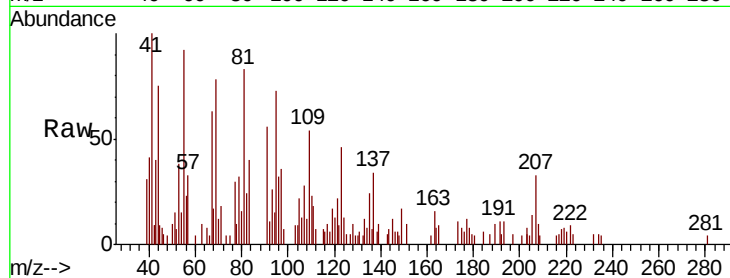
Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

75 100

53 857.9 56.5 84.7#

89 0.0 40.6 60.8#



#82

4-Chlorotoluene

Concen: 21.068 ug/l

RT: 12.01 min Scan# 1154

Delta R.T. 0.02 min

Lab File: VF060341.D

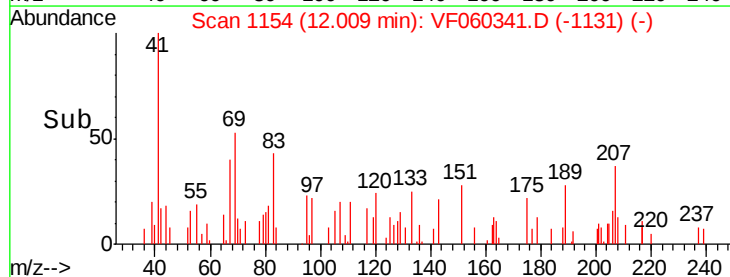
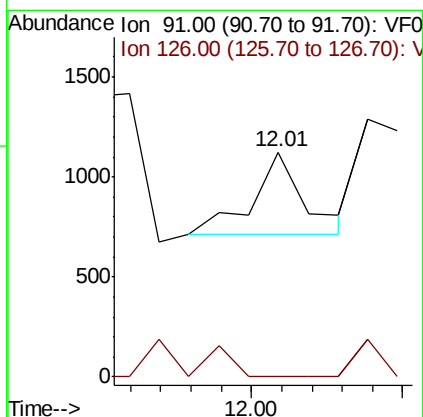
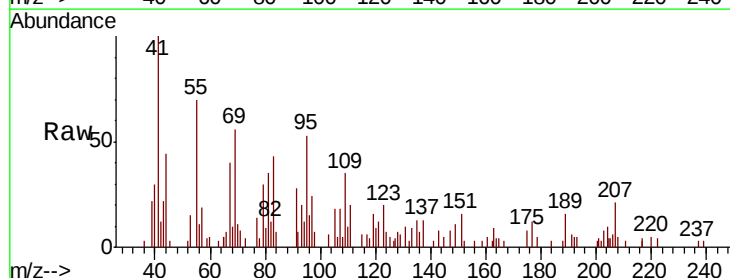
Acq: 25 Sep 2018 22:50

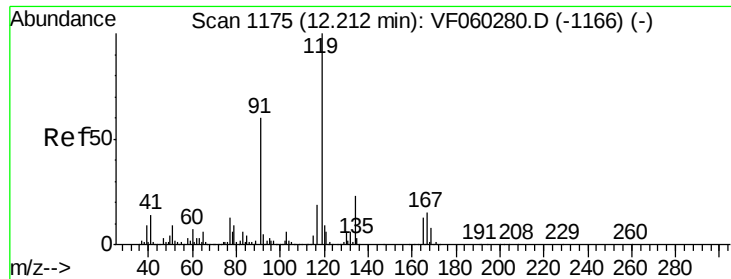
Tgt Ion: 91 Resp: 486

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.2#





#83

tert-Butylbenzene

Concen: 25.573 ug/l

RT: 12.25 min Scan# 1178

Delta R.T. 0.03 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampleId :

TP-C

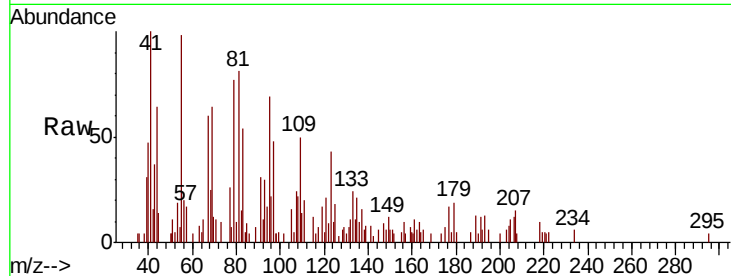
Tgt Ion:119 Resp: 710

Ion Ratio Lower Upper

119 100

91 183.5 30.3 91.0#

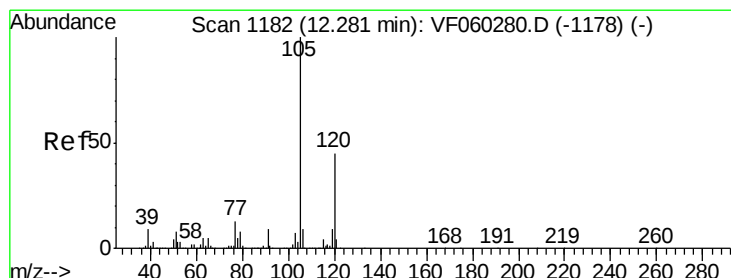
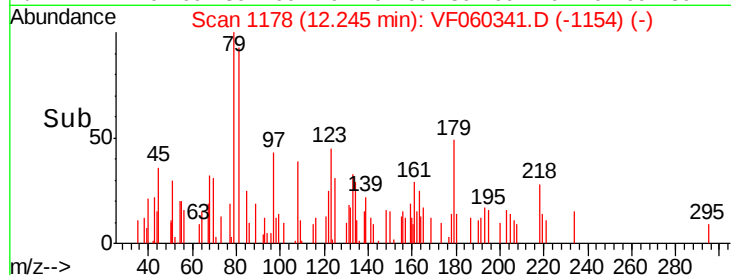
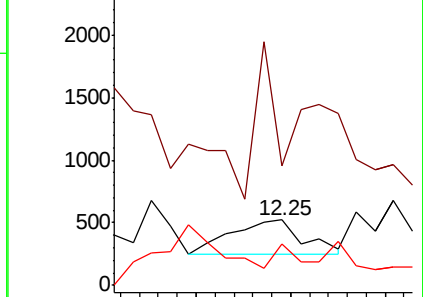
134 63.7 11.6 34.8#



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: 14.383 ug/l

RT: 12.29 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VF060341.D

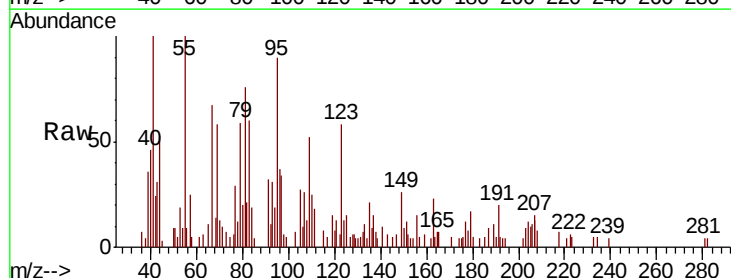
Acq: 25 Sep 2018 22:50

Tgt Ion:105 Resp: 400

Ion Ratio Lower Upper

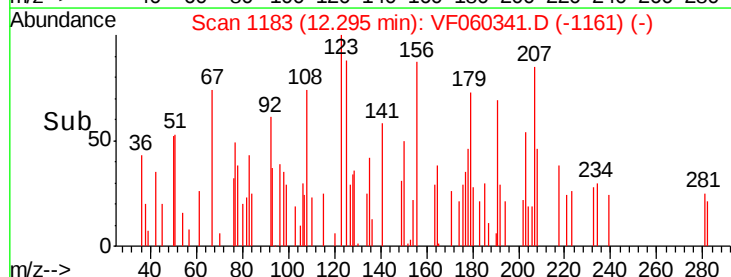
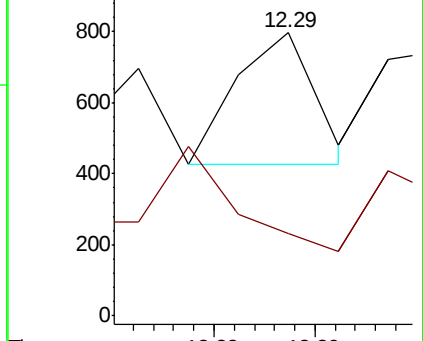
105 100

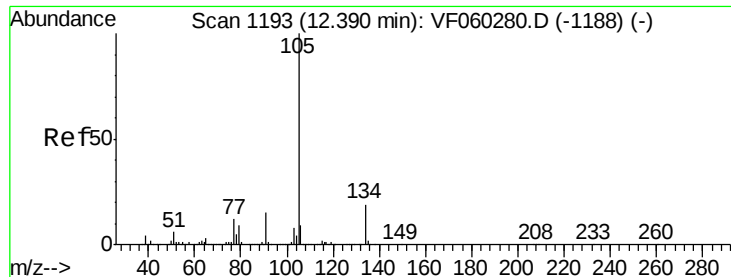
120 29.1 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

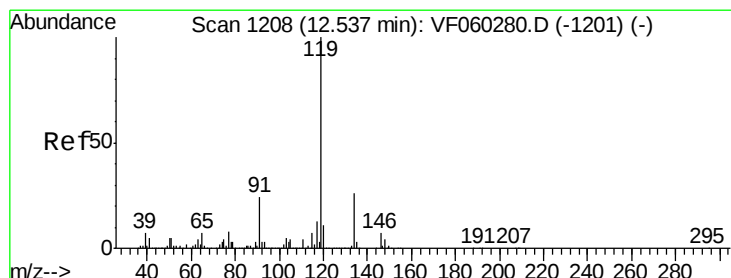
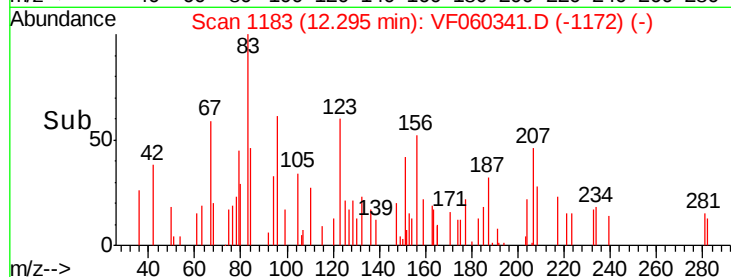
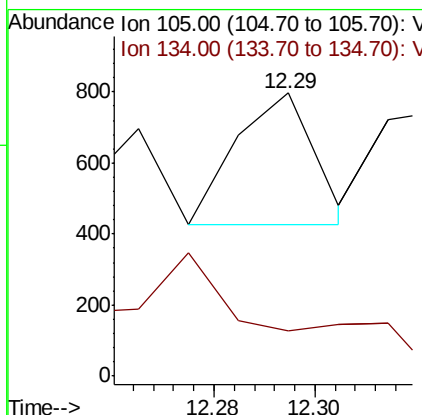
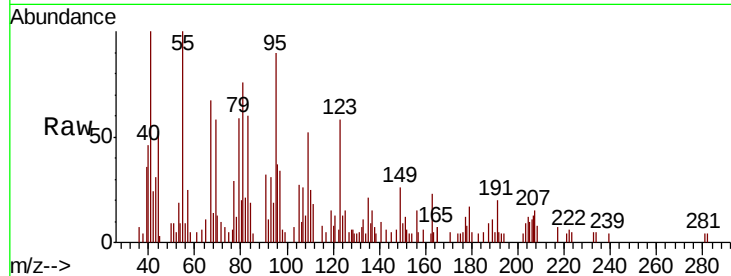




#85
 sec-Butylbenzene
 Concen: 4.821 ug/l
 RT: 12.29 min Scan# 1183
 Delta R.T. -0.09 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

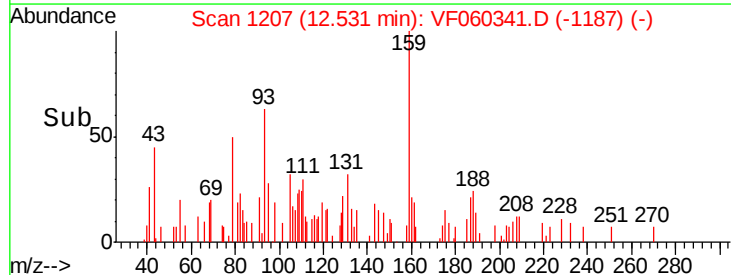
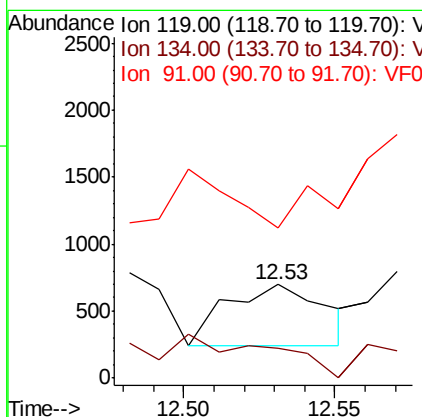
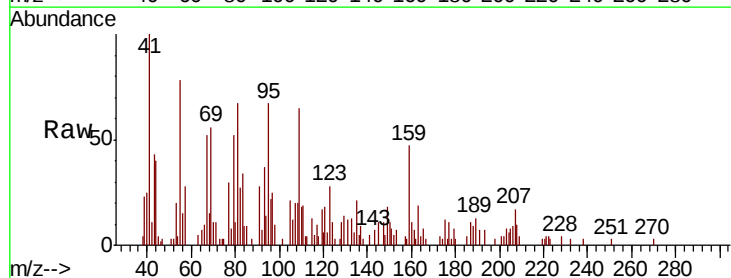
Instrument :
 MSVOA_F
 ClientSampled :
 TP-C

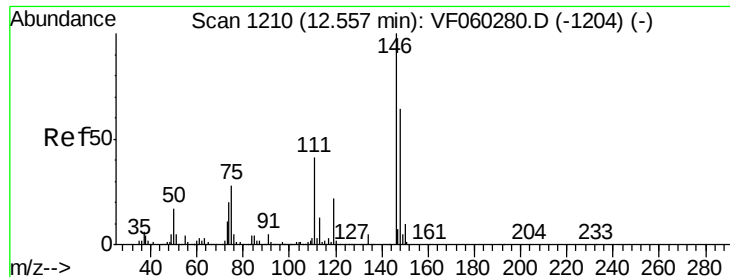
Tgt Ion:105 Resp: 400
 Ion Ratio Lower Upper
 105 100
 134 15.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 38.337 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

Tgt Ion:119 Resp: 1038
 Ion Ratio Lower Upper
 119 100
 134 32.6 12.9 38.7
 91 161.4 11.9 35.7#





#87

1,3-Dichlorobenzene

Concen: 28.244 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. 0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_F

ClientSampled :

TP-C

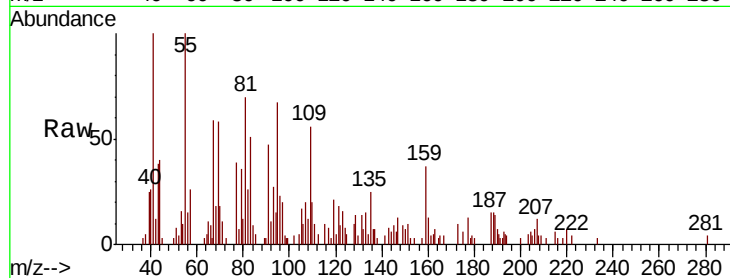
Tgt Ion:146 Resp: 387

Ion Ratio Lower Upper

146 100

111 175.7 20.5 61.6#

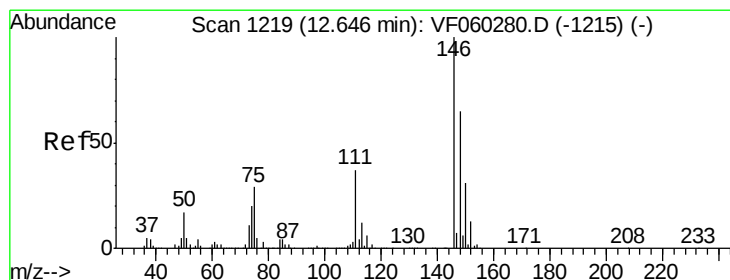
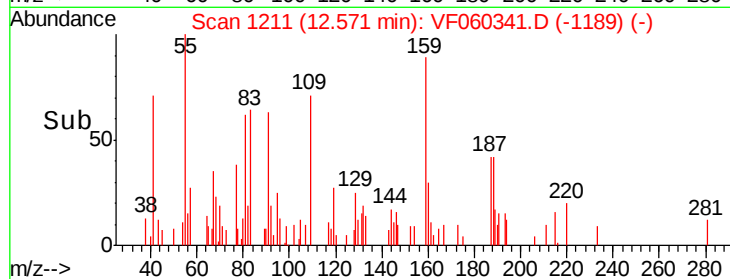
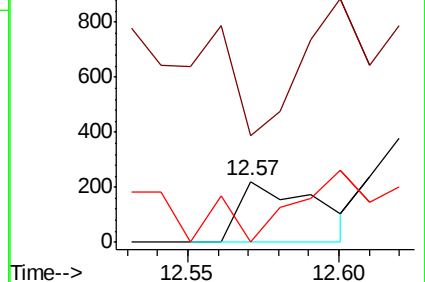
148 0.0 32.2 96.6#



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



#88

1,4-Dichlorobenzene

Concen: 45.485 ug/l

RT: 12.67 min Scan# 1221

Delta R.T. 0.02 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

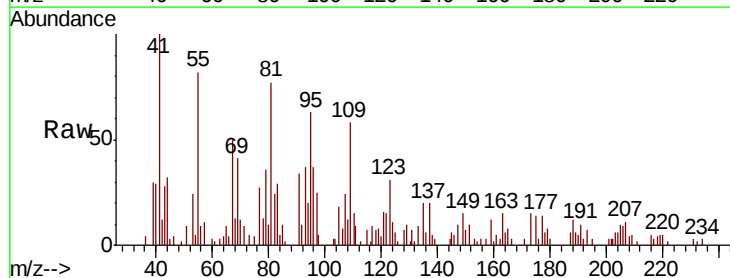
Tgt Ion:146 Resp: 616

Ion Ratio Lower Upper

146 100

111 186.5 18.7 56.1#

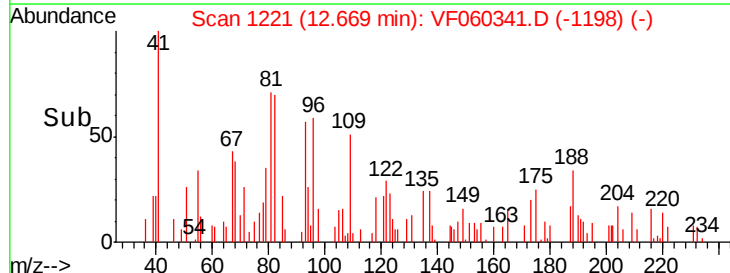
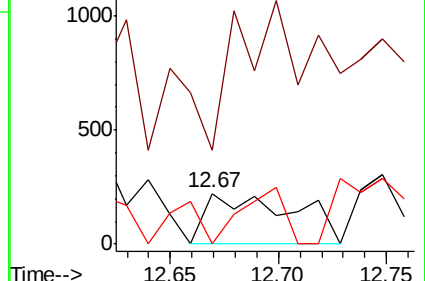
148 0.0 32.4 97.0#

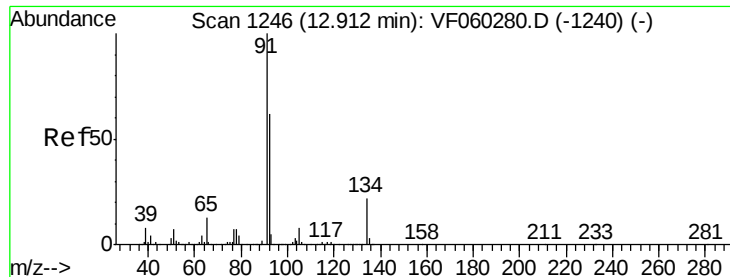


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 28.993 ug/l

RT: 12.91 min Scan# 1245

Delta R.T. -0.01 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

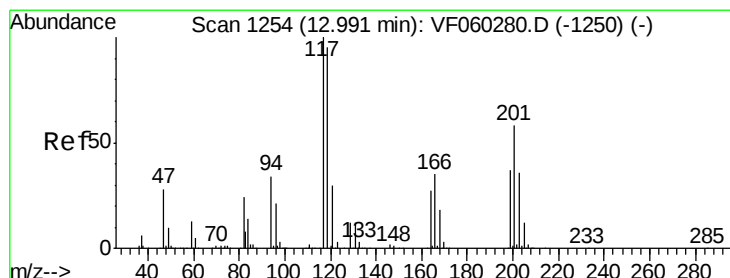
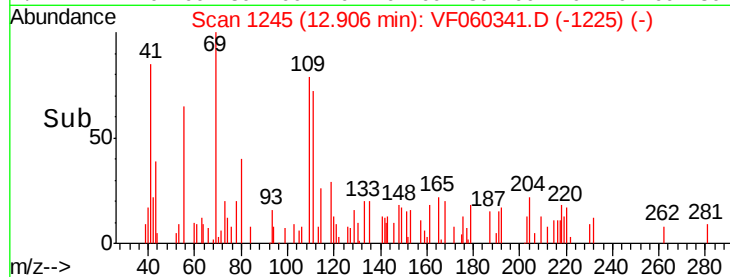
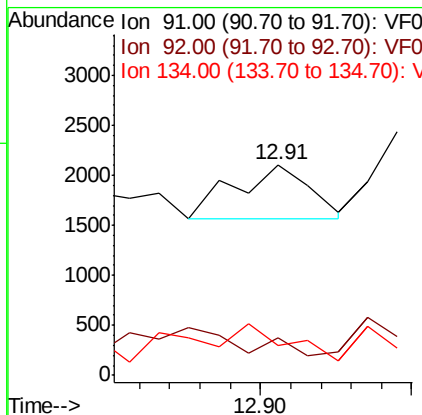
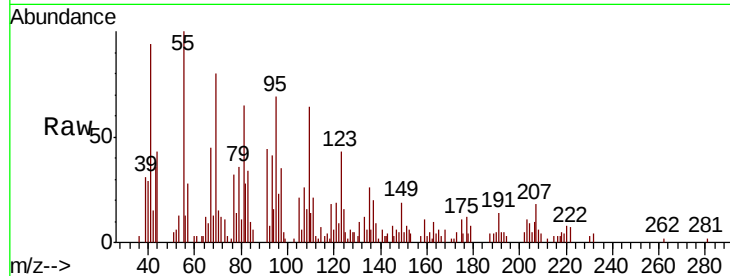
Instrument :

MSVOA_F

ClientSampled :

TP-C

Tgt Ion:	91	Resp:	920
Ion	Ratio	Lower	Upper
91	100		
92	17.7	31.1	93.5#
134	14.5	11.0	33.0



#90

Hexachloroethane

Concen: 169.005 ug/l

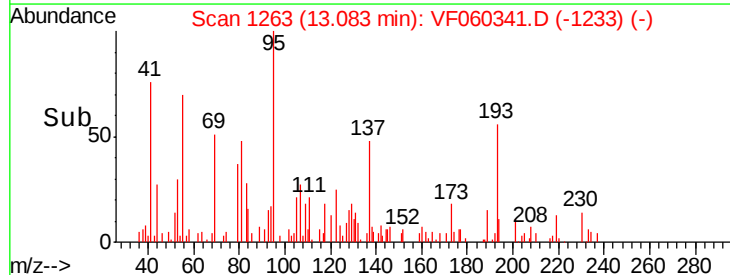
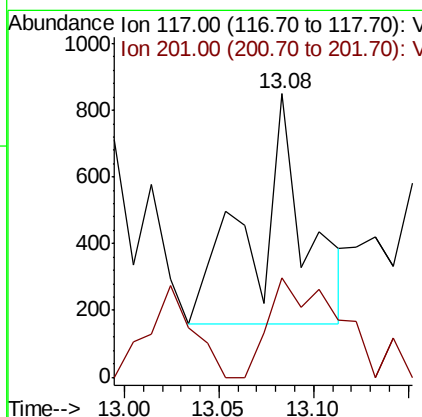
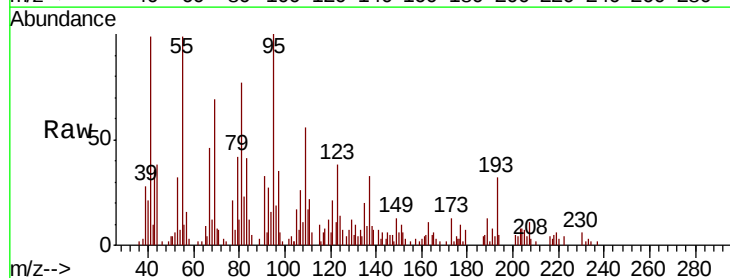
RT: 13.08 min Scan# 1263

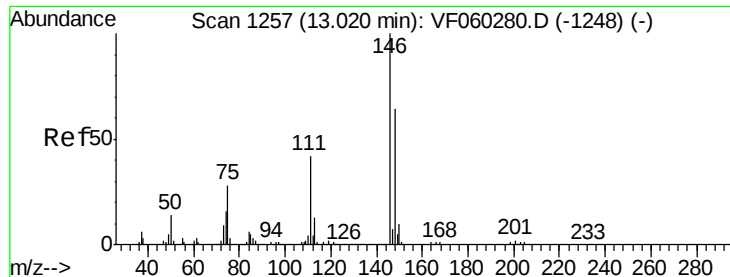
Delta R.T. 0.09 min

Lab File: VF060341.D

Acq: 25 Sep 2018 22:50

Tgt Ion:	117	Resp:	1313
Ion	Ratio	Lower	Upper
117	100		
201	35.2	29.0	87.0

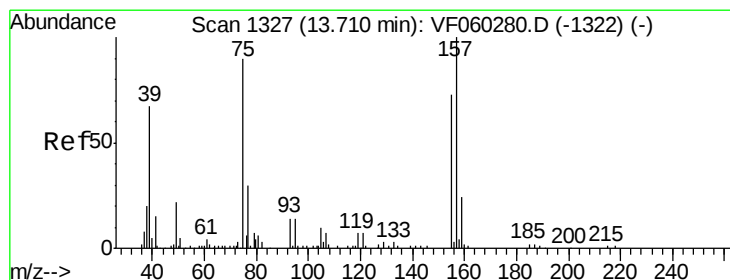
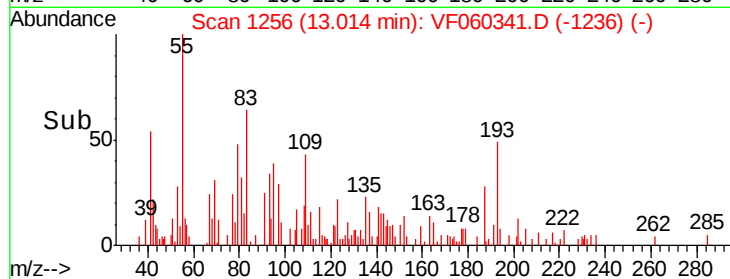
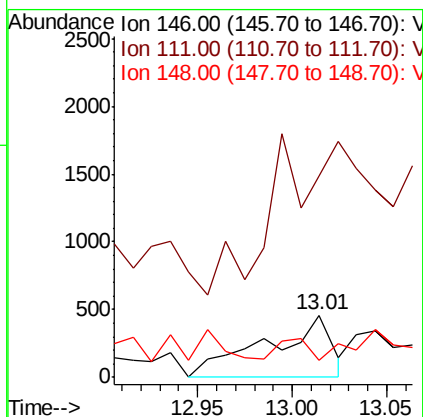
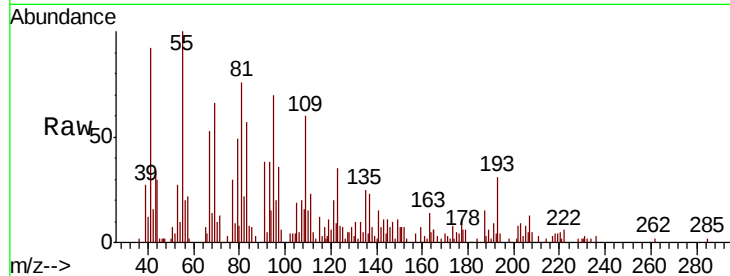




#91
 1,2-Dichlorobenzene
 Concen: 84.081 ug/l
 RT: 13.01 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

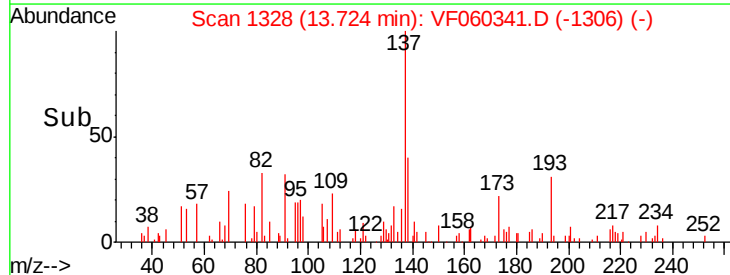
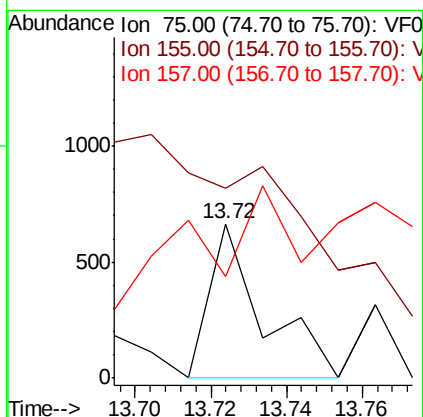
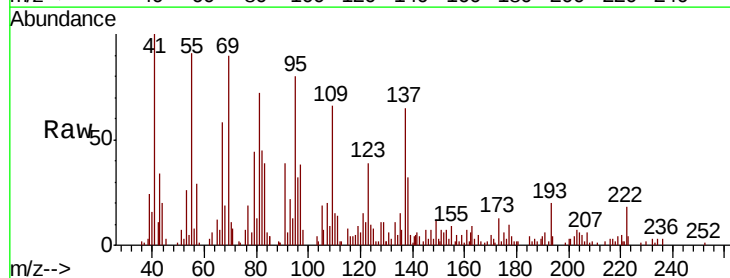
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-C

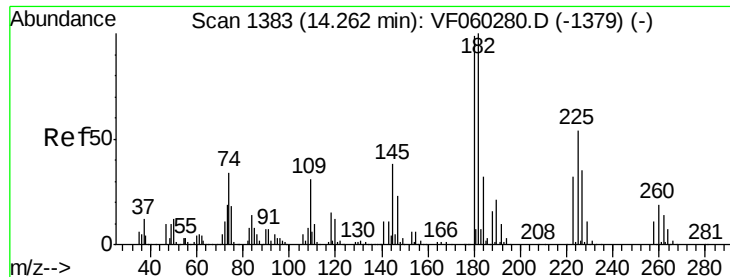
Tgt Ion:146 Resp: 1099
 Ion Ratio Lower Upper
 146 100
 111 322.6 20.9 62.8#
 148 27.8 31.9 95.9#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 573.269 ug/l
 RT: 13.72 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

Tgt Ion: 75 Resp: 649
 Ion Ratio Lower Upper
 75 100
 155 122.5 41.9 125.7
 157 89.0 57.4 172.0

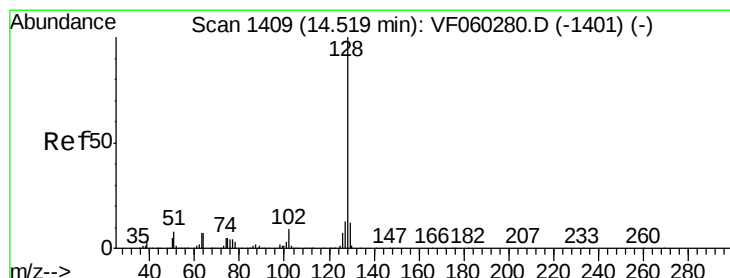
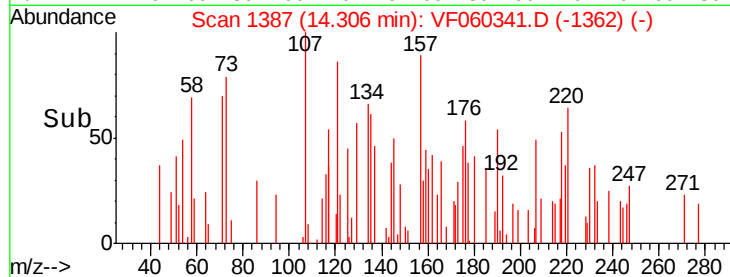
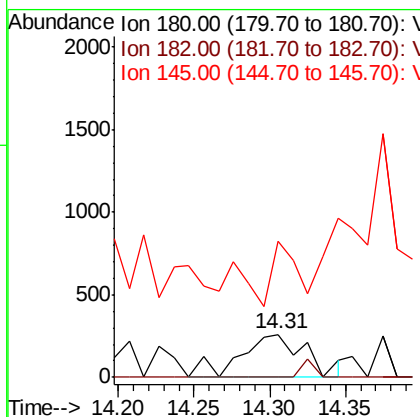
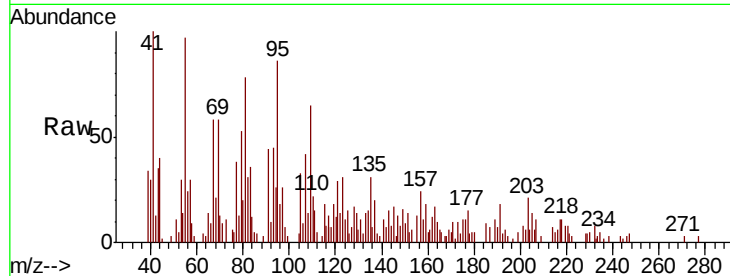




#93
 1,2,4-Trichlorobenzene
 Concen: 84.628 ug/l
 RT: 14.31 min Scan# 1387
 Delta R.T. 0.04 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

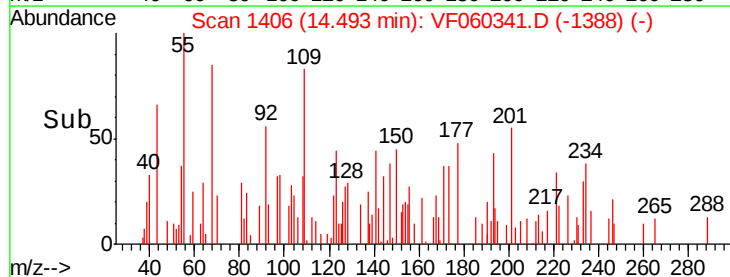
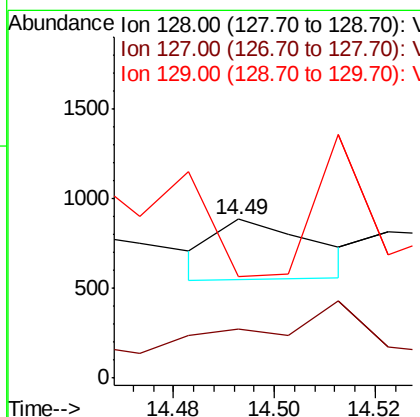
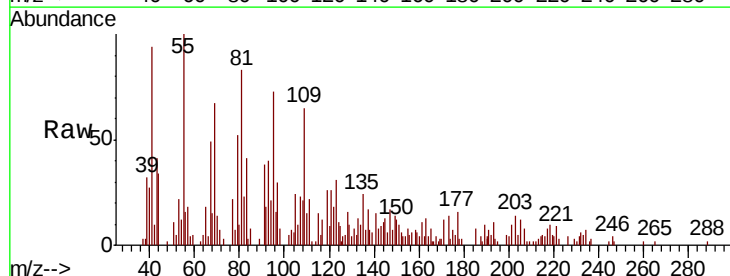
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-C

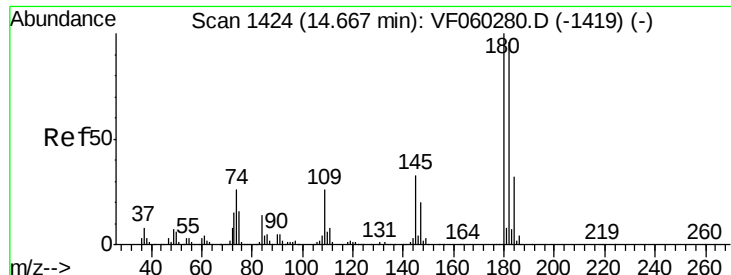
Tgt Ion:180 Resp: 804
 Ion Ratio Lower Upper
 180 100
 182 0.0 50.3 151.0#
 145 315.3 18.9 56.9#



#95
 Naphthalene
 Concen: 26.896 ug/l
 RT: 14.49 min Scan# 1406
 Delta R.T. -0.03 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

Tgt Ion:128 Resp: 448
 Ion Ratio Lower Upper
 128 100
 127 30.7 10.1 15.1#
 129 63.5 9.8 14.8#

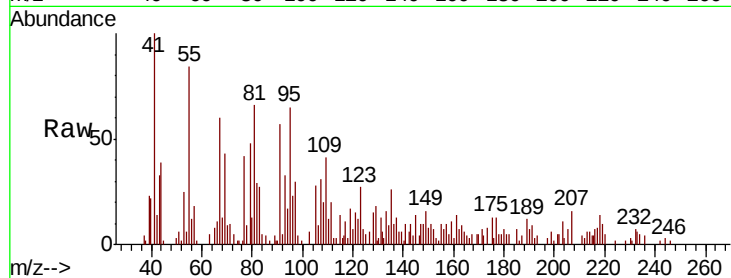




#96
 1,2,3-Trichlorobenzene
 Concen: 53.425 ug/l
 RT: 14.68 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: VF060341.D
 Acq: 25 Sep 2018 22:50

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-C

Tgt Ion	Ratio	Lower	Upper
180	100		
182	69.3	47.8	143.4
145	190.3	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

