

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059731.D
 Acq On : 1 Aug 2018 3:12
 Operator : VA/AP
 Sample : J4218-07RE
 Misc : 6.91a/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-15-DRE

Quant Time: Aug 01 07:37:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	82	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.80	114	81	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.91	117	137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.69	152	74	50.00	ug/l	0.06

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	100	67.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.72%	
35) Dibromofluoromethane	4.29	113	66	78.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.90%	
50) Toluene-d8	7.70	98	71	36.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.38%	
62) 4-Bromofluorobenzene	11.57	95	80	73.66	ug/l	0.06
Spiked Amount	50.000		Recovery	=	147.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.03	85	73	82.850	ug/l #	44
3) Chloromethane	1.09	50	156	357.920	ug/l #	38
4) Vinyl Chloride	1.21	62	88	182.784	ug/l #	47
6) Chloroethane	1.37	64	93	324.493	ug/l #	35
8) Diethyl Ether	1.78	74	64	244.426	ug/l #	1
11) Tert butyl alcohol	2.61	59	73	1234.275	ug/l #	74
12) 1,1-Dichloroethene	1.88	96	74	116.532	ug/l #	1
13) Acrolein	2.17	56	143	4315.364	ug/l #	4
14) Allyl chloride	2.19	41	63	62.137	ug/l #	1
15) Acrylonitrile	3.04	53	66	693.024	ug/l #	7
16) Acetone	2.35	43	69	260.302	ug/l #	68
17) Carbon Disulfide	2.01	76	104	83.812	ug/l #	71
18) Methyl Acetate	2.50	43	81	213.056	ug/l #	64
19) Methyl tert-butyl Ether	2.54	73	64	33.049	ug/l #	60
20) Methylene Chloride	2.29	84	63	118.759	ug/l #	1
21) trans-1,2-Dichloroethene	2.50	96	76	141.368	ug/l #	1
22) Diisopropyl ether	2.89	45	67	31.249	ug/l #	33
23) Vinyl Acetate	3.32	43	98	88.903	ug/l #	83
25) 2-Butanone	4.48	43	105	354.940	ug/l #	74
26) 2,2-Dichloropropane	3.68	77	183	172.336	ug/l #	66
27) cis-1,2-Dichloroethene	3.75	96	74	92.769	ug/l #	1
28) Bromochloromethane	3.86	49	76	156.199	ug/l #	15
29) Tetrahydrofuran	4.25	42	91	800.364	ug/l #	39
30) Chloroform	4.05	83	63	29.967	ug/l #	54
31) Cyclohexane	3.85	56	62	89.102	ug/l #	15
36) 1,1-Dichloropropene	4.50	75	81	102.966	ug/l #	46
37) Ethyl Acetate	4.33	43	87	232.115	ug/l #	19
39) Methylcyclohexane	5.70	83	60	100.334	ug/l #	13
40) Benzene	4.95	78	69	42.182	ug/l #	52
41) Methacrylonitrile	4.93	41	63	324.376	ug/l #	24
43) Isopropyl Acetate	7.18	43	77	158.979	ug/l #	46
45) 1,2-Dichloropropane	6.45	63	242	560.203	ug/l #	43
46) Dibromomethane	6.27	93	159	387.681	ug/l #	8
47) Bromodichloromethane	6.60	83	511	457.528	ug/l #	1

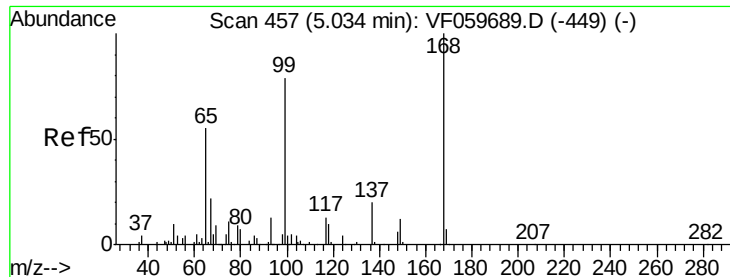
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059731.D
 Acq On : 1 Aug 2018 3:12
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Quant Time: Aug 01 07:37:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	6.91	41	234	642.312	ug/l #	48
49) 1,4-Dioxane	7.13	88	68	11680.415	ug/l #	21
51) 4-Methyl-2-Pentanone	8.45	43	211	572.687	ug/l #	42
53) t-1,3-Dichloropropene	8.43	75	96	99.060	ug/l #	41
54) cis-1,3-Dichloropropene	7.36	75	63	67.115	ug/l #	18
55) 1,1,2-Trichloroethane	8.73	97	123	277.640	ug/l #	14
56) Ethyl methacrylate	8.85	69	88	190.470	ug/l #	14
57) 1,3-Dichloropropane	9.12	76	76	99.998	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.77	63	94	1762.168	ug/l	100
59) 2-Hexanone	9.65	43	593	2008.468	ug/l #	30
60) Dibromochloromethane	9.01	129	131	167.577	ug/l #	12
66) 1,1,1,2-Tetrachloroethane	10.19	131	63	49.239	ug/l #	9
67) Ethyl Benzene	10.14	91	60	12.654	ug/l #	46
73) Isopropylbenzene	11.25	105	83	17.094	ug/l #	50
74) N-amyl acetate	11.47	43	166	135.511	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.67	83	74	80.963	ug/l #	25
76) 1,2,3-Trichloropropane	11.74	75	66	84.920	ug/l #	39
78) n-propylbenzene	11.62	91	79	12.072	ug/l #	54
80) 1,3,5-Trimethylbenzene	11.92	105	140	34.832	ug/l #	31
83) tert-Butylbenzene	12.29	119	70	16.060	ug/l #	26
85) sec-Butylbenzene	12.48	105	62	7.972	ug/l #	57
86) p-Isopropyltoluene	12.63	119	63	10.109	ug/l #	49
89) n-Butylbenzene	12.93	91	127	28.474	ug/l #	29
90) Hexachloroethane	12.91	117	73	59.608	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.73	75	83	371.472	ug/l #	9

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampled :

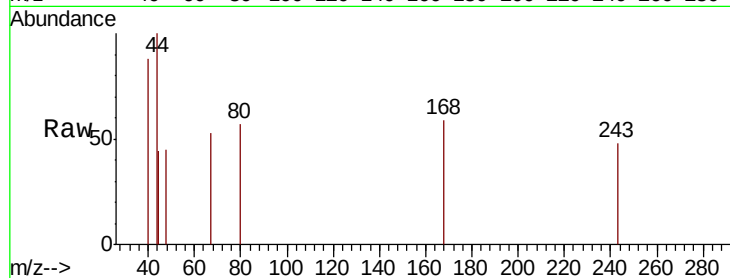
TP-15-DRE

Tot Ion:168 Resp: 82

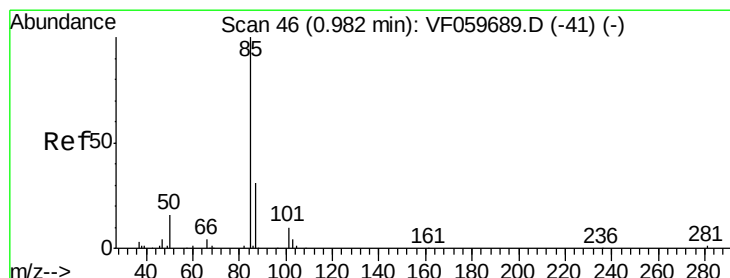
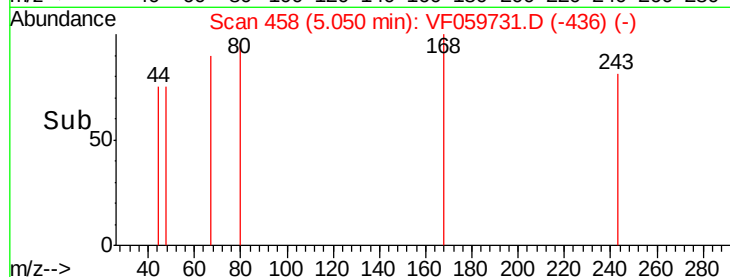
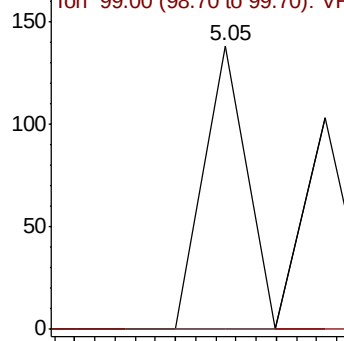
Ion Ratio Lower Upper

168 100

99 0.0 63.3 94.9#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 82.850 ug/l

RT: 1.03 min Scan# 50

Delta R.T. 0.05 min

Lab File: VF059731.D

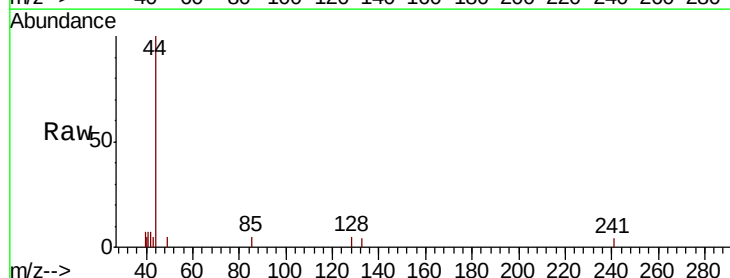
Acq: 1 Aug 2018 3:12

Tgt Ion: 85 Resp: 73

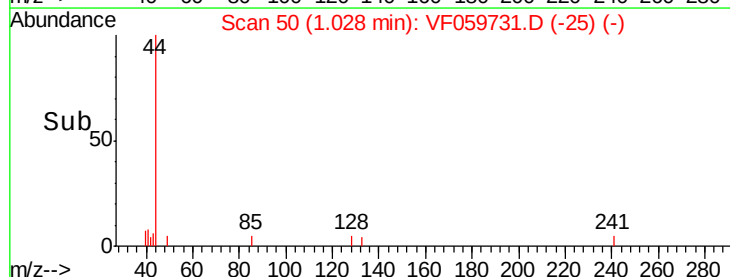
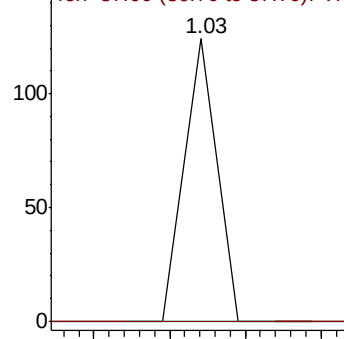
Ion Ratio Lower Upper

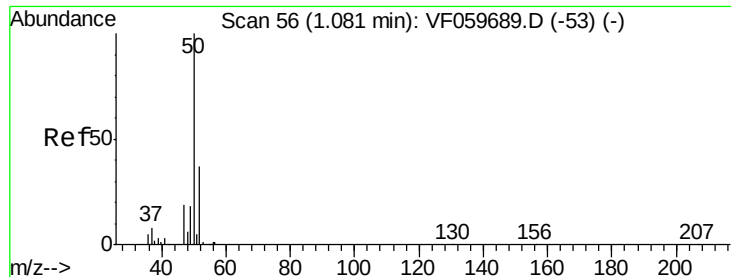
85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 357.920 ug/l

RT: 1.09 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

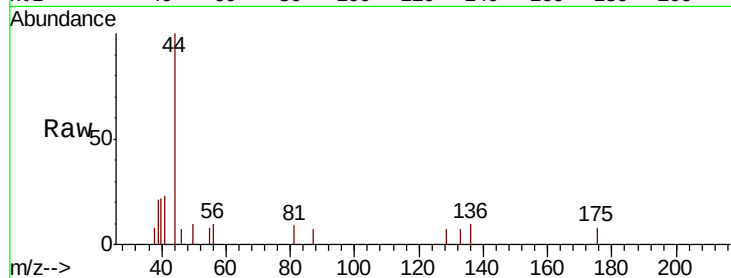
TP-15-DRE

Tot Ion: 50 Resp: 156

Ion Ratio Lower Upper

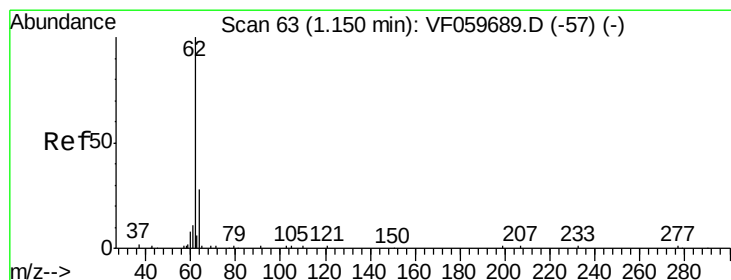
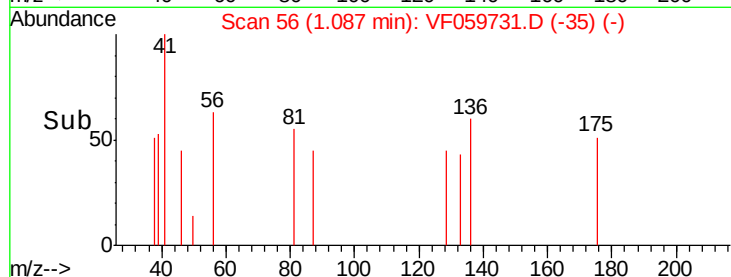
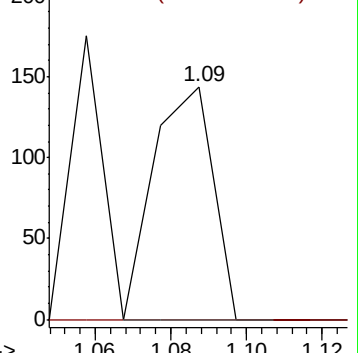
50 100

52 0.0 29.1 43.7#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 182.784 ug/l

RT: 1.21 min Scan# 68

Delta R.T. 0.06 min

Lab File: VF059731.D

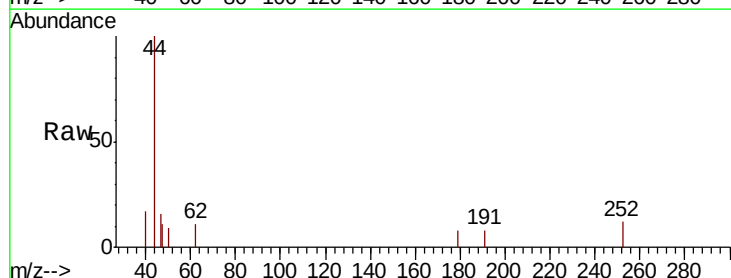
Acq: 1 Aug 2018 3:12

Tgt Ion: 62 Resp: 88

Ion Ratio Lower Upper

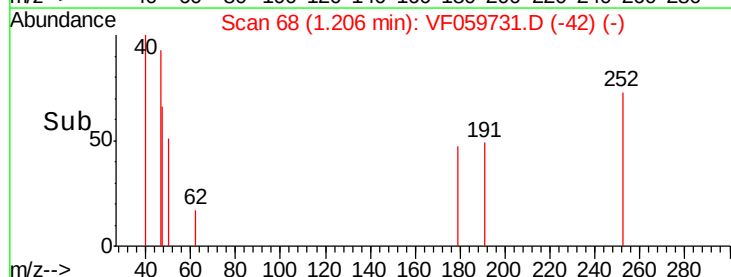
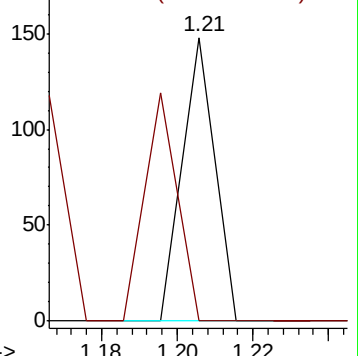
62 100

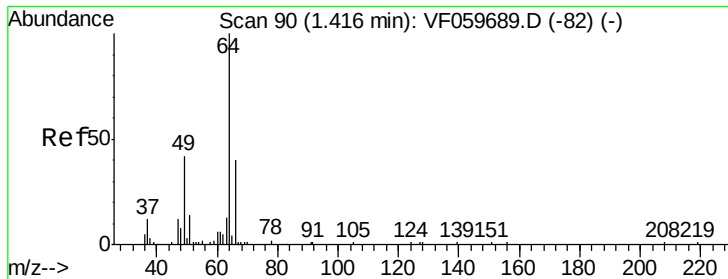
64 0.0 22.6 33.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#6

Chloroethane

Concen: 324.493 ug/l

RT: 1.37 min Scan# 85

Delta R.T. -0.04 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

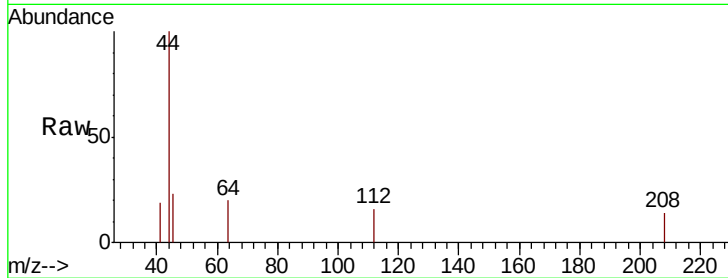
TP-15-DRE

Tot Ion: 64 Resp: 93

Ion Ratio Lower Upper

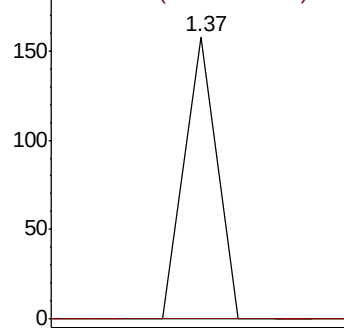
64 100

66 0.0 32.6 49.0#

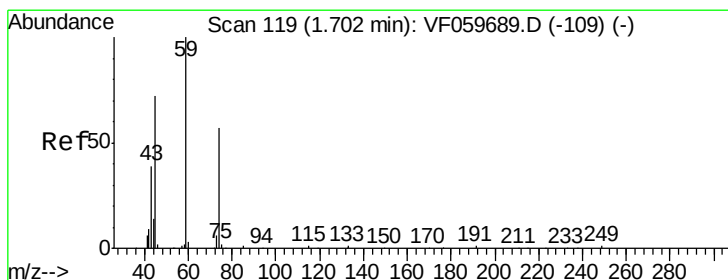
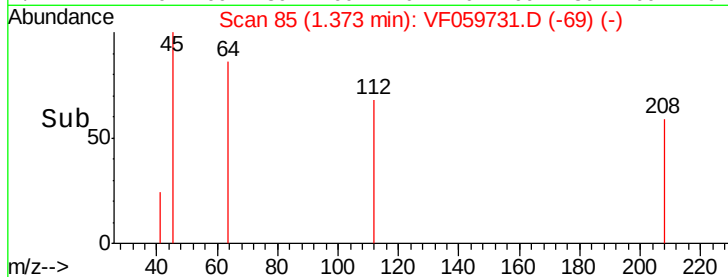


Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



Time--> 1.34 1.36 1.38 1.40



#8

Diethyl Ether

Concen: 244.426 ug/l

RT: 1.78 min Scan# 126

Delta R.T. 0.08 min

Lab File: VF059731.D

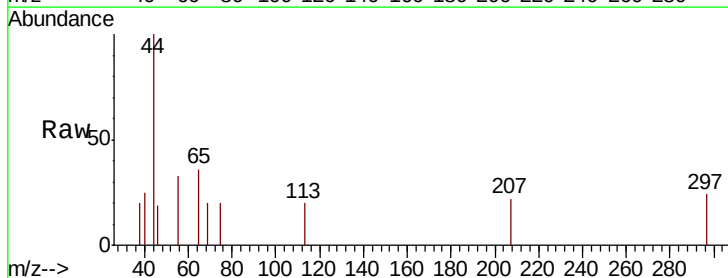
Acq: 1 Aug 2018 3:12

Tgt Ion: 74 Resp: 64

Ion Ratio Lower Upper

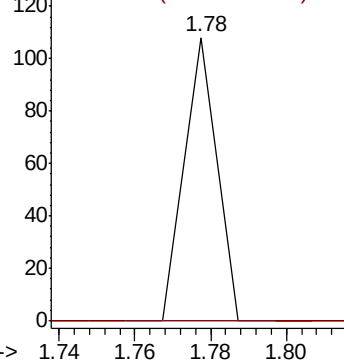
74 100

45 0.0 62.7 188.2#

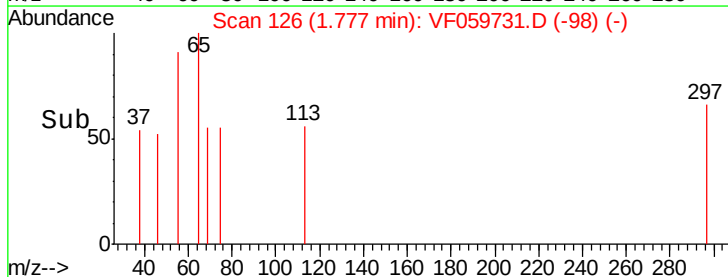


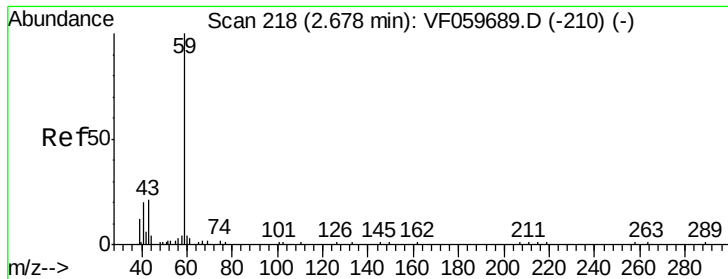
Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



Time--> 1.74 1.76 1.78 1.80

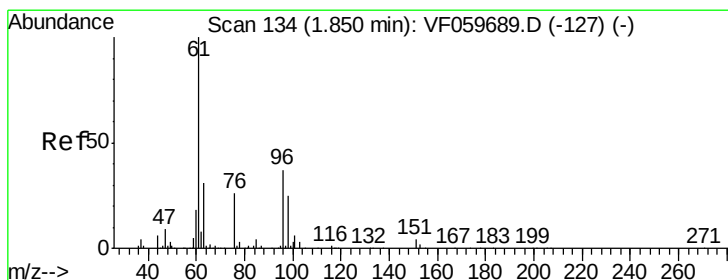
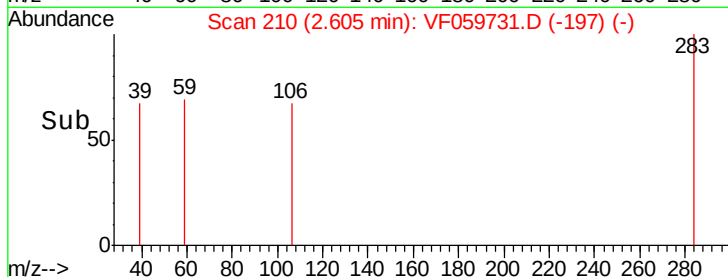
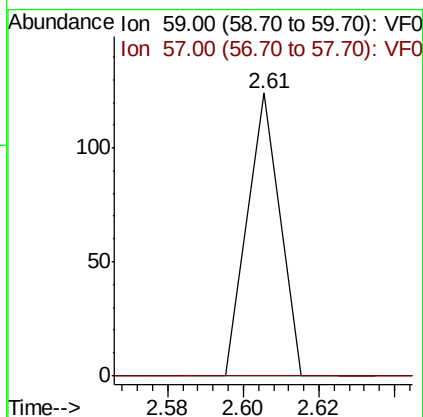
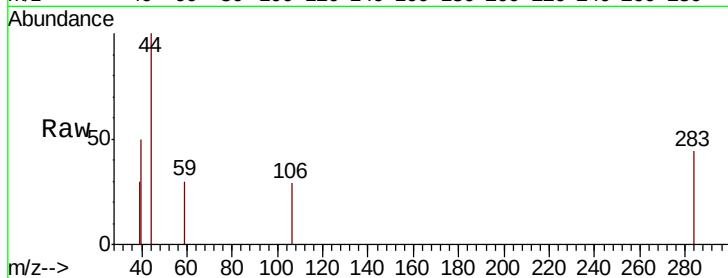




#11
Tert butyl alcohol
Concen: 1234.275 ug/l
RT: 2.61 min Scan# 210
Delta R.T. -0.07 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

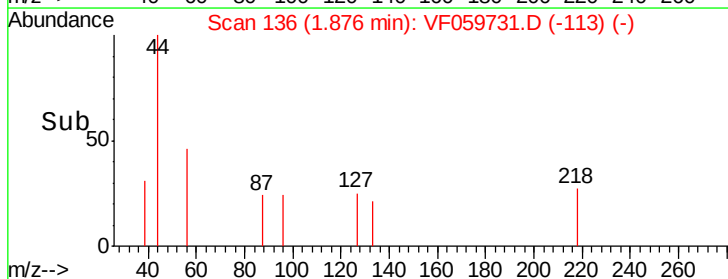
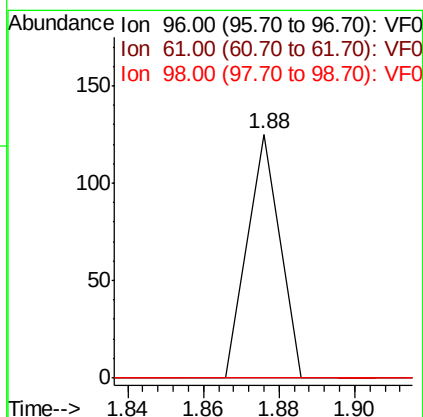
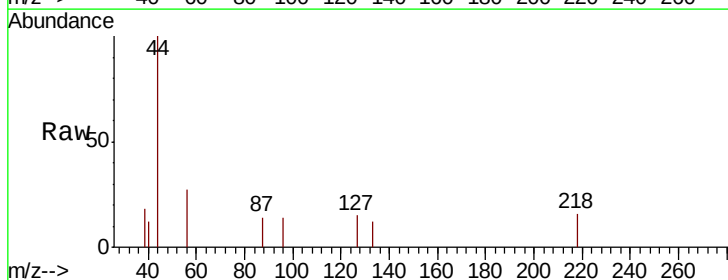
Instrument :
MSVOA_F
ClientSampleId :
TP-15-DRE

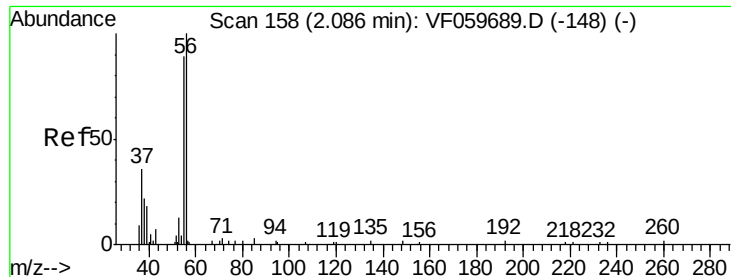
Tot Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



#12
1,1-Dichloroethene
Concen: 116.532 ug/l
RT: 1.88 min Scan# 136
Delta R.T. 0.03 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

Tgt Ion: 96 Resp: 74
Ion Ratio Lower Upper
96 100
61 0.0 215.1 322.7#
98 0.0 54.3 81.5#





#13

Acrolein

Concen: 4315.364 ug/l

RT: 2.17 min Scan# 166

Delta R.T. 0.09 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

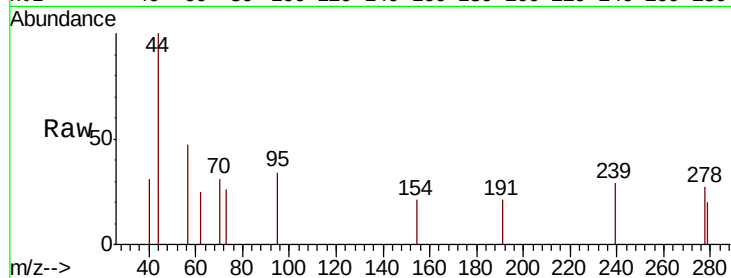
TP-15-DRE

Tot Ion: 56 Resp: 143

Ion Ratio Lower Upper

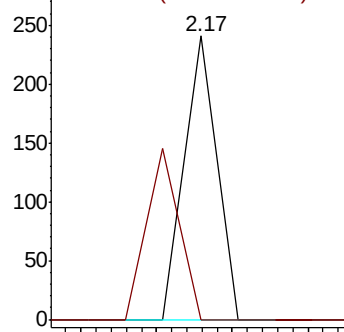
56 100

55 0.0 73.2 109.8#

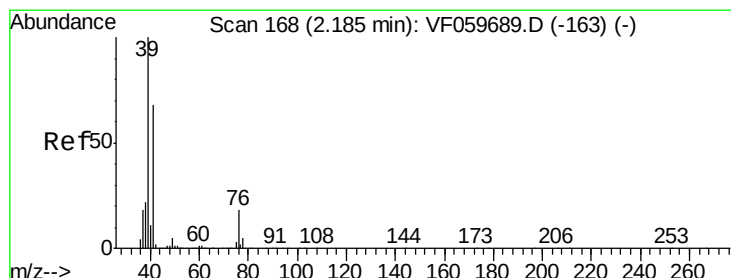
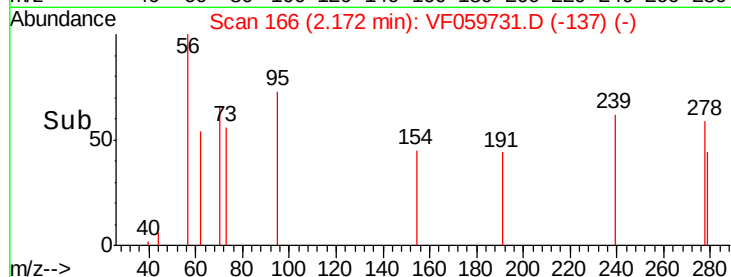


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



Time-->



#14

Allyl chloride

Concen: 62.137 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.01 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

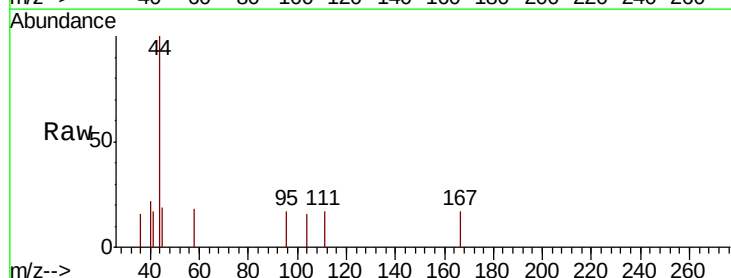
Tgt Ion: 41 Resp: 63

Ion Ratio Lower Upper

41 100

39 0.0 118.1 177.1#

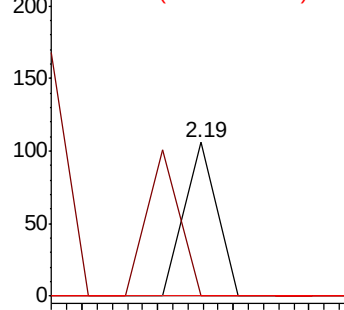
76 0.0 22.0 33.0#



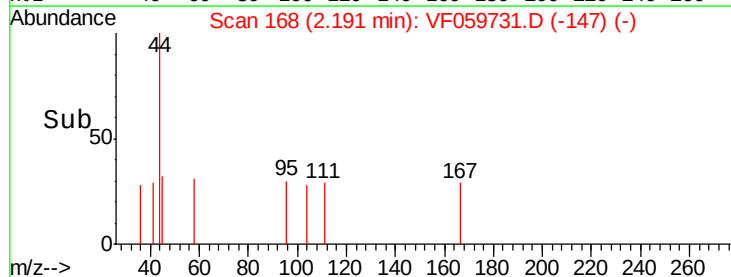
Abundance Ion 41.00 (40.70 to 41.70): VF0

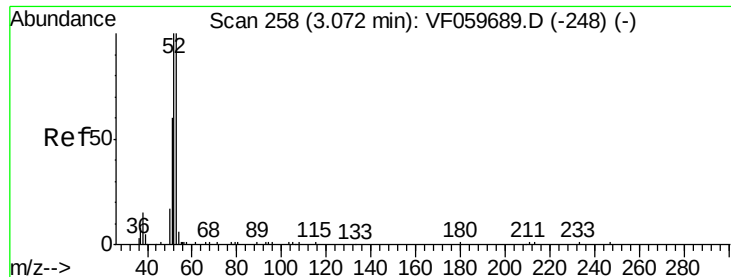
Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0



Time-->





#15

Acrylonitrile

Concen: 693.024 ug/l

RT: 3.04 min Scan# 254

Delta R.T. -0.03 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

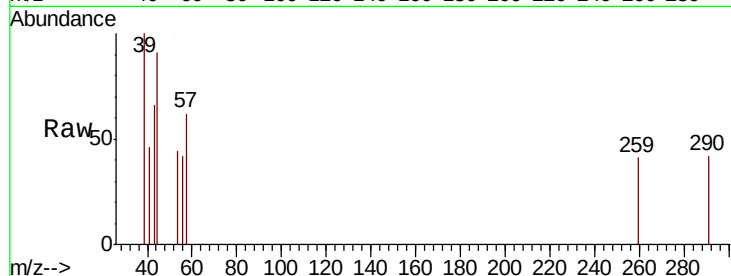
Tot Ion: 53 Resp: 66

Ion Ratio Lower Upper

53 100

52 0.0 80.3 120.5#

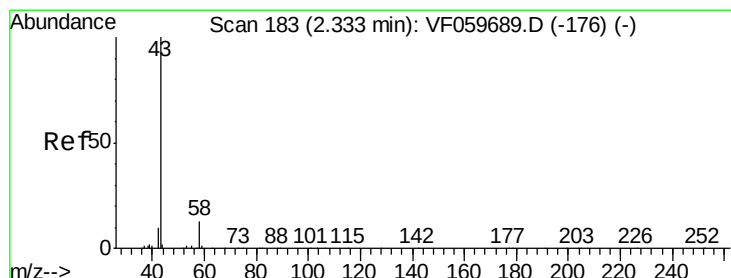
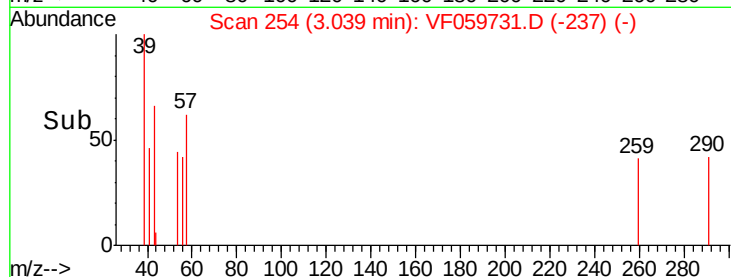
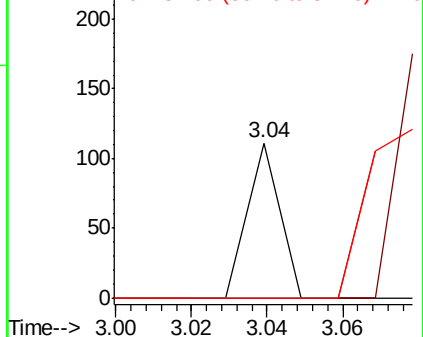
51 0.0 49.4 74.0#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 260.302 ug/l

RT: 2.35 min Scan# 184

Delta R.T. 0.02 min

Lab File: VF059731.D

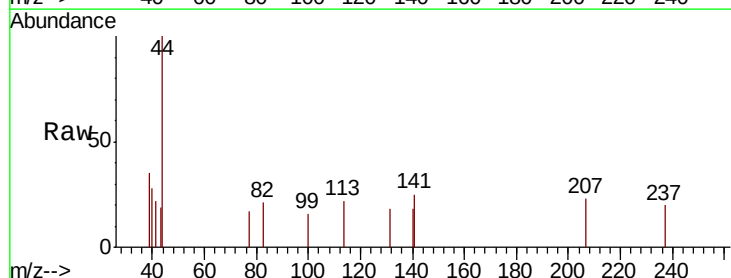
Acq: 1 Aug 2018 3:12

Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

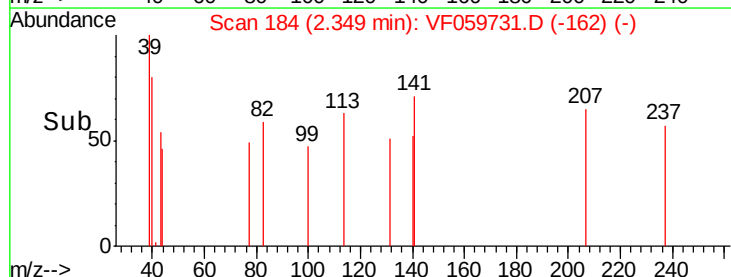
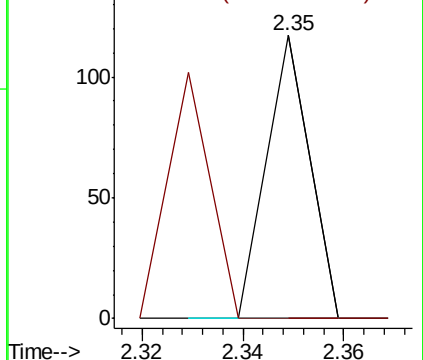
43 100

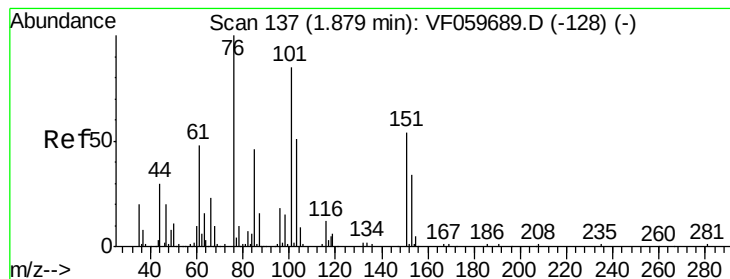
58 0.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 83.812 ug/l

RT: 2.01 min Scan# 150

Delta R.T. 0.13 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

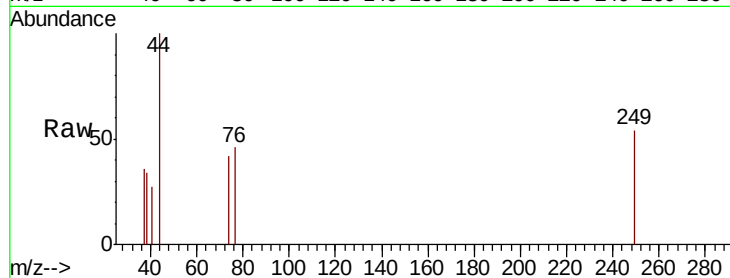
TP-15-DRE

Tot Ion: 76 Resp: 104

Ion Ratio Lower Upper

76 100

78 0.0 8.9 13.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

2.01

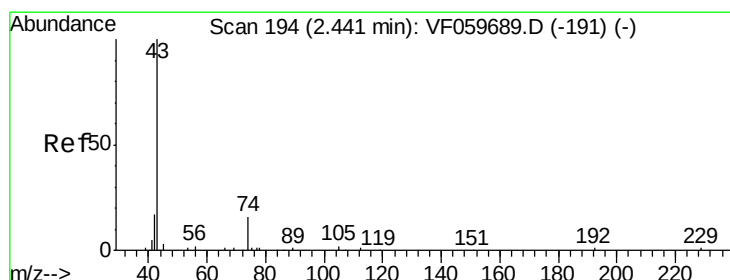
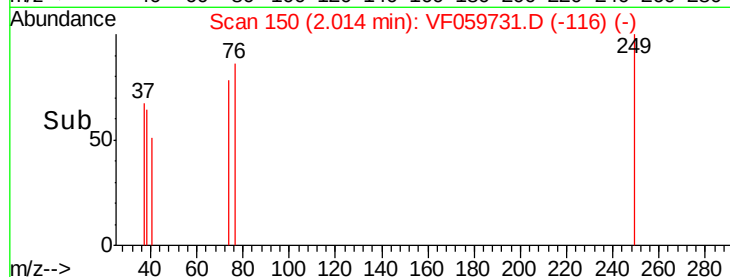
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: 213.056 ug/l

RT: 2.50 min Scan# 199

Delta R.T. 0.06 min

Lab File: VF059731.D

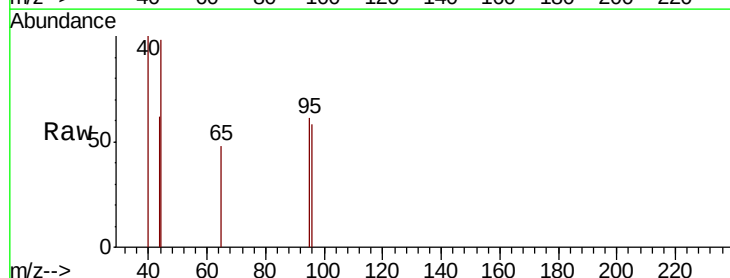
Acq: 1 Aug 2018 3:12

Tgt Ion: 43 Resp: 81

Ion Ratio Lower Upper

43 100

74 0.0 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

2.50

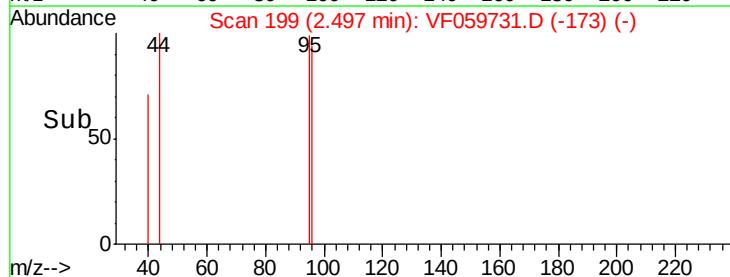
150

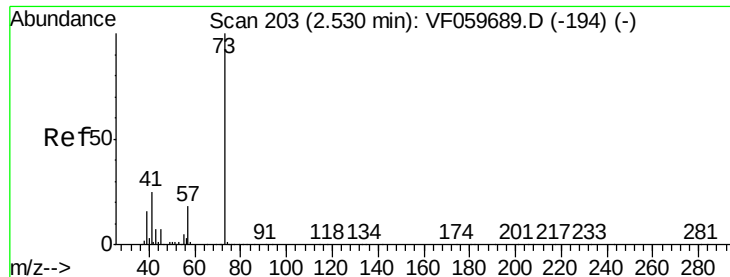
100

50

0

Time-->



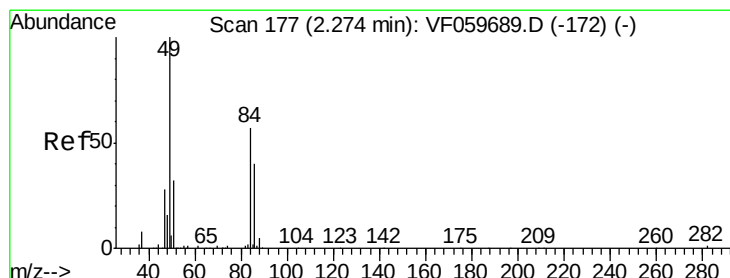
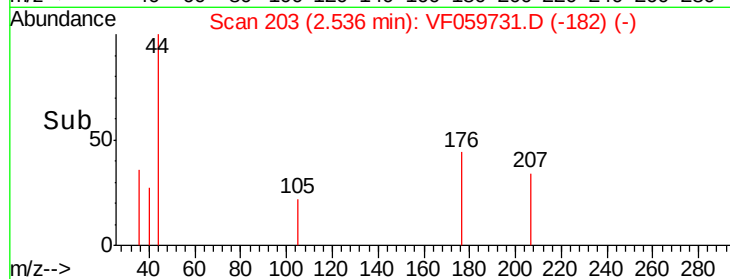
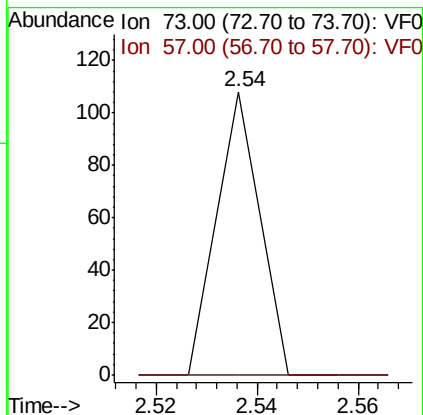
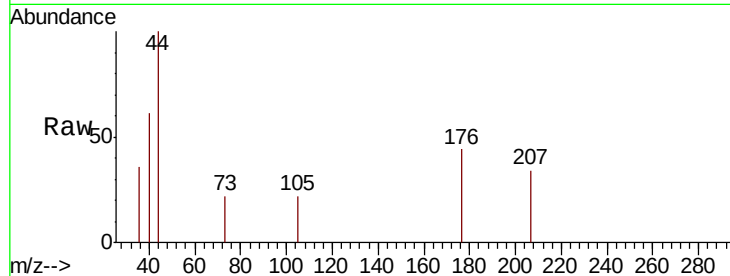


#19

Methyl tert-butyl Ether
 Concen: 33.049 ug/l
 RT: 2.54 min Scan# 203
 Delta R.T. 0.01 min
 Lab File: VF059731.D
 Acq: 1 Aug 2018 3:12

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-15-DRE

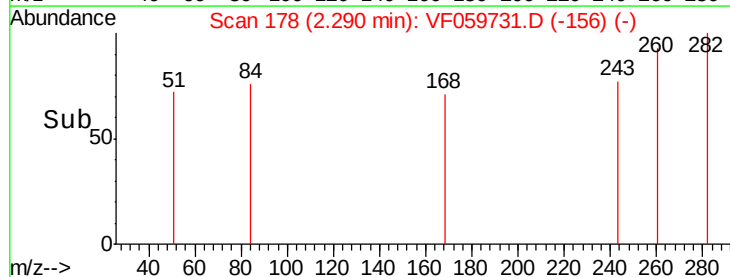
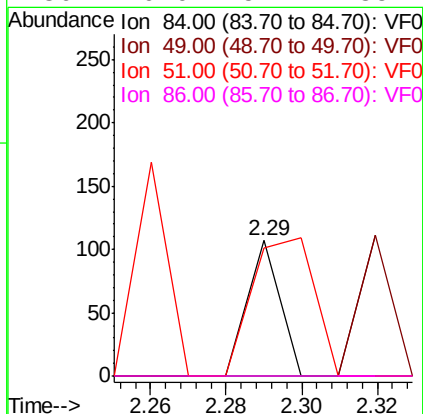
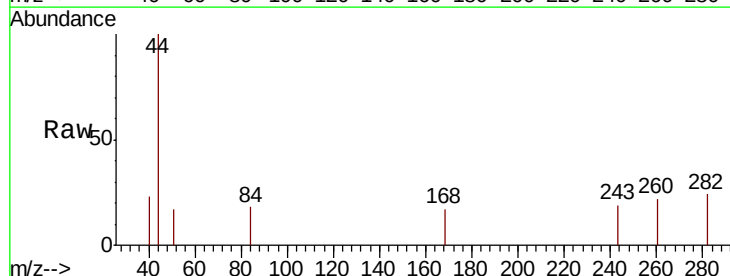
Tot Ion: 73 Resp: 64
 Ion Ratio Lower Upper
 73 100
 57 0.0 14.2 21.2#

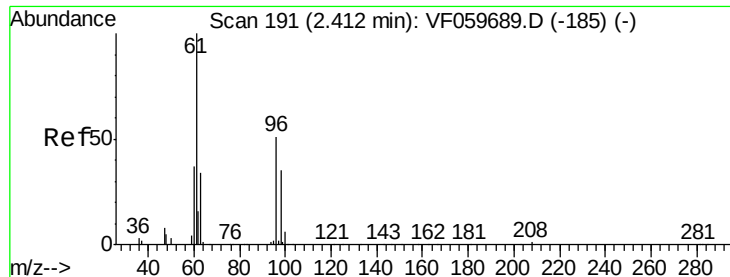


#20

Methylene Chloride
 Concen: 118.759 ug/l
 RT: 2.29 min Scan# 178
 Delta R.T. 0.02 min
 Lab File: VF059731.D
 Acq: 1 Aug 2018 3:12

Tgt Ion: 84 Resp: 63
 Ion Ratio Lower Upper
 84 100
 49 0.0 142.2 213.4#
 51 94.4 46.2 69.2#
 86 0.0 57.1 85.7#





#21

trans-1,2-Dichloroethene

Concen: 141.368 ug/l

RT: 2.50 min Scan# 199

Delta R.T. 0.09 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

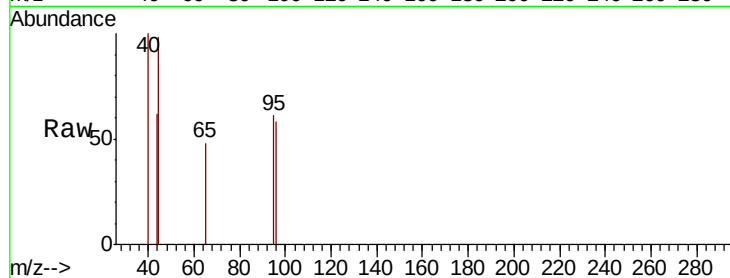
Tot Ion: 96 Resp: 76

Ion Ratio Lower Upper

96 100

61 0.0 157.4 236.0#

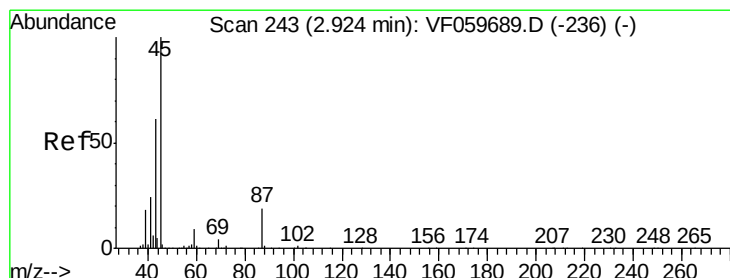
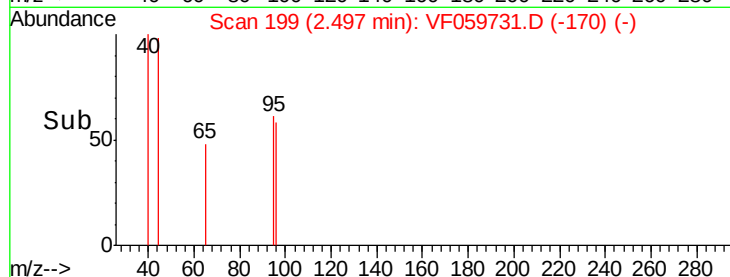
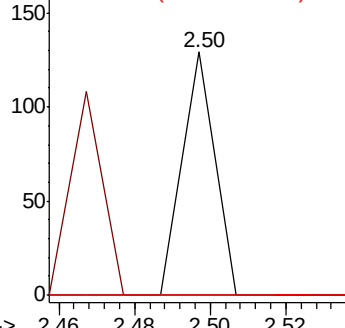
98 0.0 55.0 82.4#



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



#22

Diisopropyl ether

Concen: 31.249 ug/l

RT: 2.89 min Scan# 239

Delta R.T. -0.03 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Tgt Ion: 45 Resp: 67

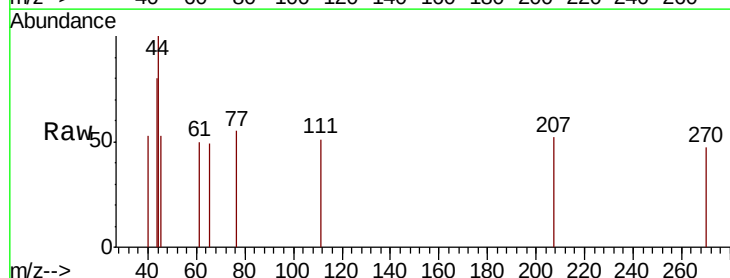
Ion Ratio Lower Upper

45 100

43 0.0 49.3 73.9#

87 0.0 15.3 22.9#

59 0.0 7.1 10.7#

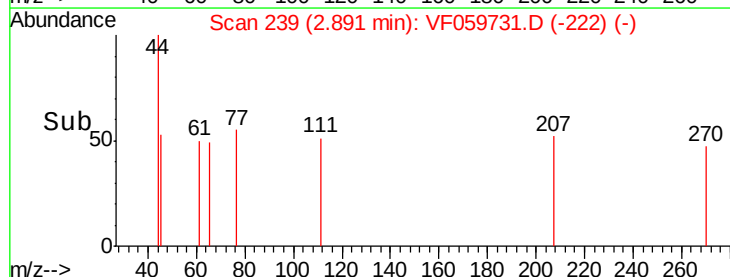
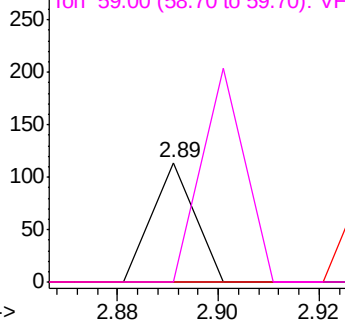


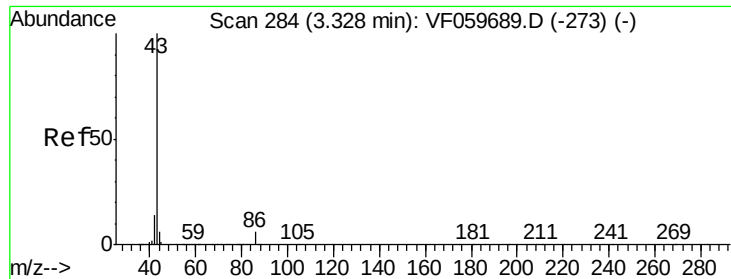
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 88.903 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

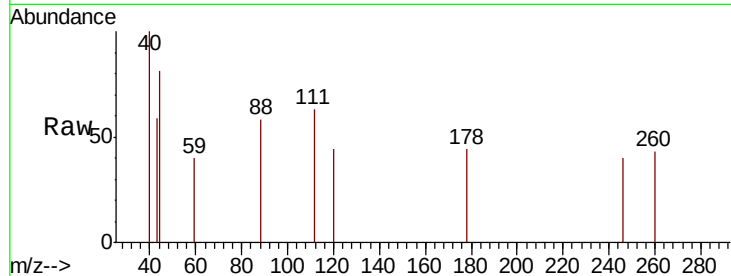
TP-15-DRE

Tot Ion: 43 Resp: 98

Ion Ratio Lower Upper

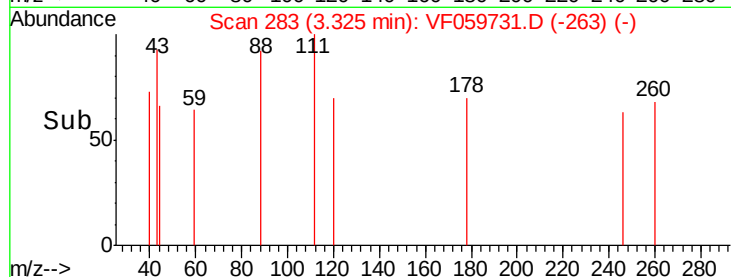
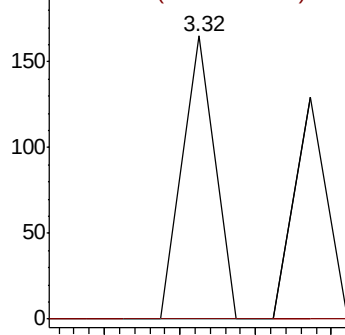
43 100

86 0.0 4.6 6.8#

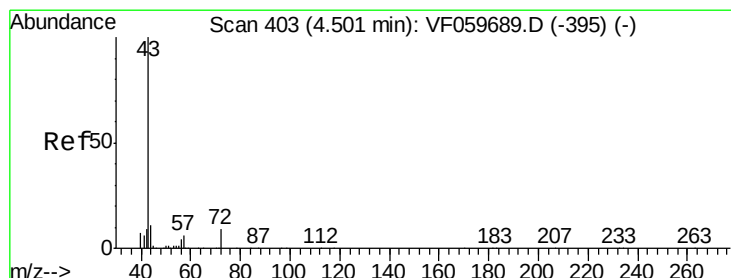


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



Time-->



#25

2-Butanone

Concen: 354.940 ug/l

RT: 4.48 min Scan# 400

Delta R.T. -0.02 min

Lab File: VF059731.D

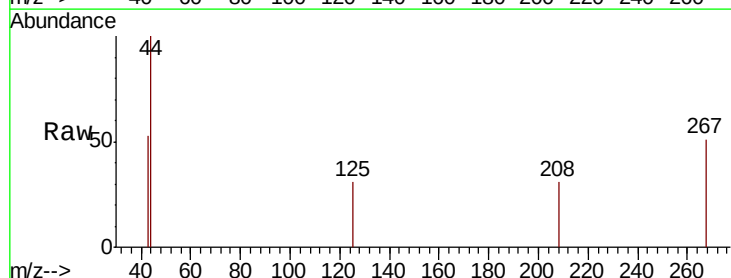
Acq: 1 Aug 2018 3:12

Tgt Ion: 43 Resp: 105

Ion Ratio Lower Upper

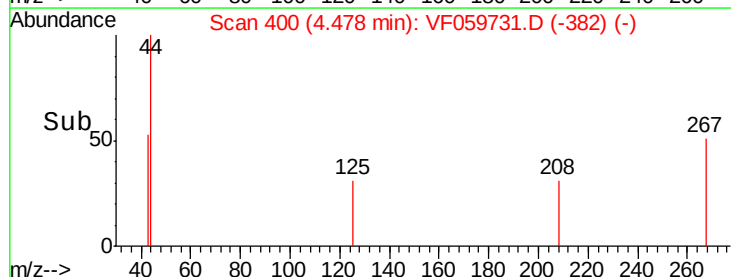
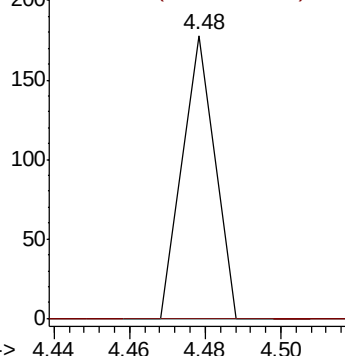
43 100

72 0.0 7.7 11.5#

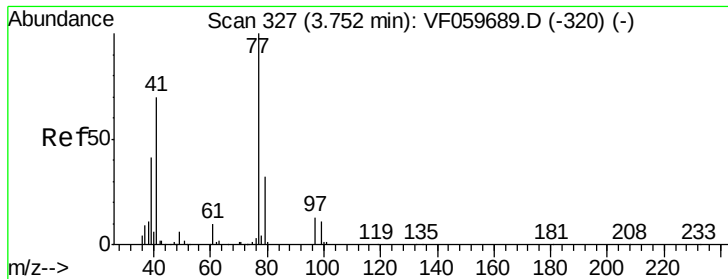


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



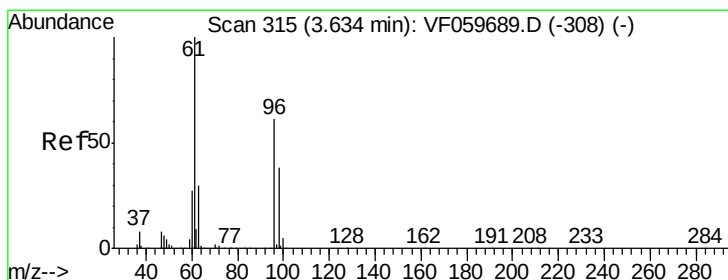
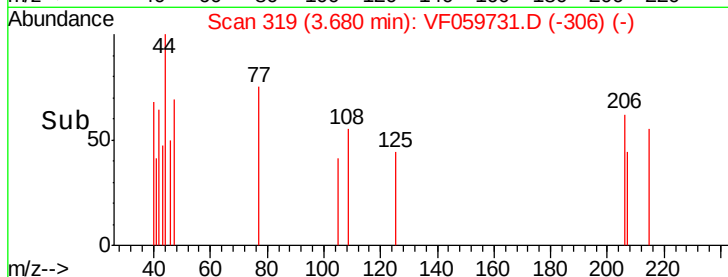
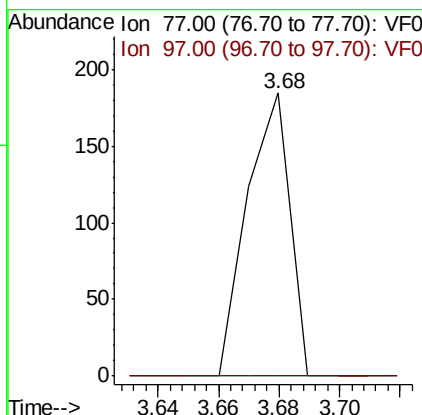
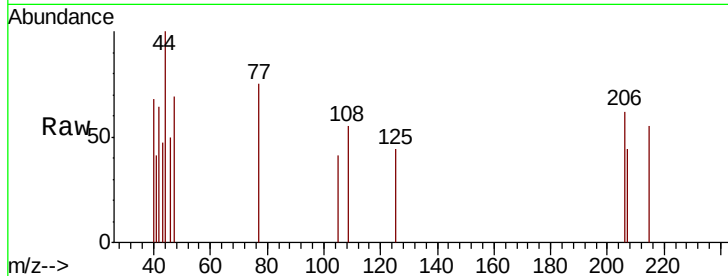
Time-->



#26
 2,2-Dichloropropane
 Concen: 172.336 ug/l
 RT: 3.68 min Scan# 319
 Delta R.T. -0.07 min
 Lab File: VF059731.D
 Acq: 1 Aug 2018 3:12

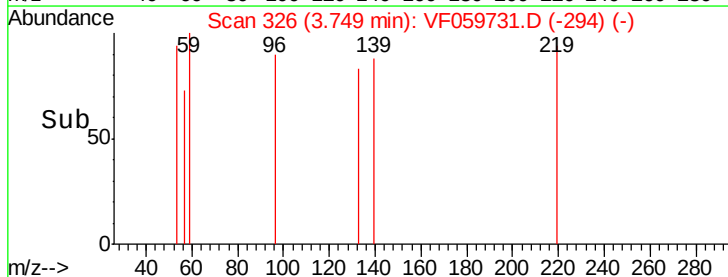
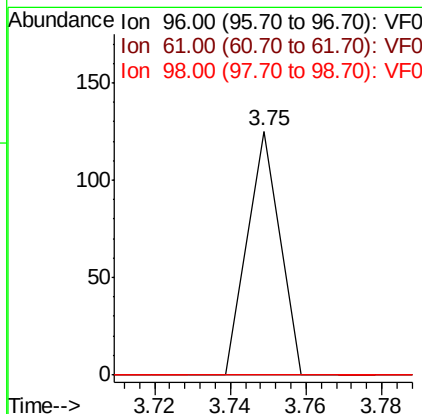
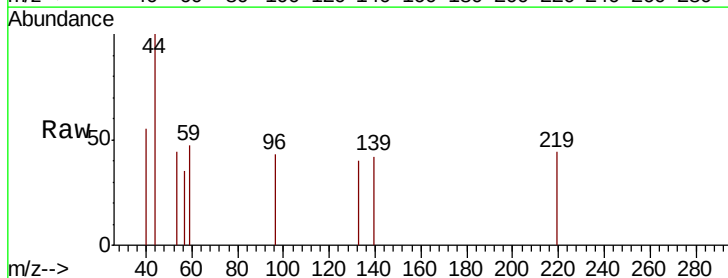
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-15-DRE

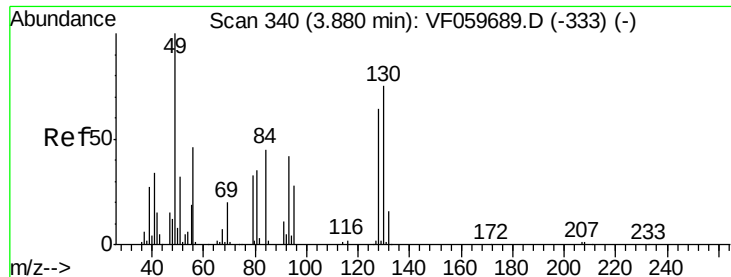
Tot Ion: 77 Resp: 183
 Ion Ratio Lower Upper
 77 100
 97 0.0 6.8 20.4#



#27
 cis-1,2-Dichloroethene
 Concen: 92.769 ug/l
 RT: 3.75 min Scan# 326
 Delta R.T. 0.11 min
 Lab File: VF059731.D
 Acq: 1 Aug 2018 3:12

Tgt Ion: 96 Resp: 74
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 326.8
 98 0.0 0.0 125.2





#28

Bromochloromethane

Concen: 156.199 ug/l

RT: 3.86 min Scan# 337

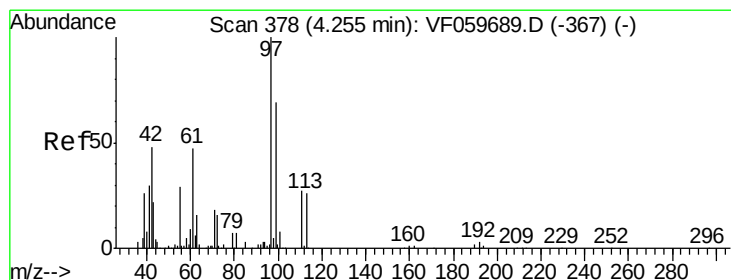
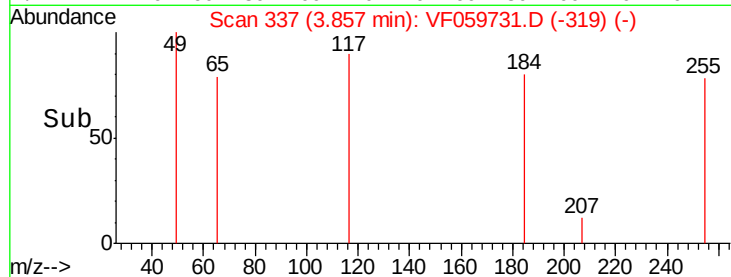
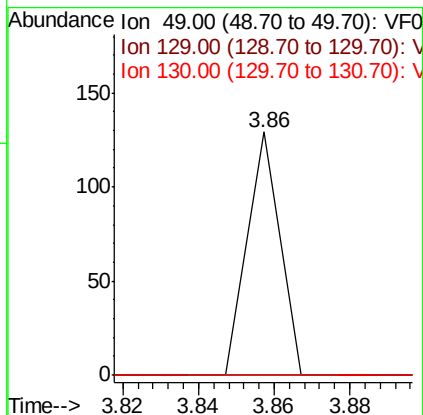
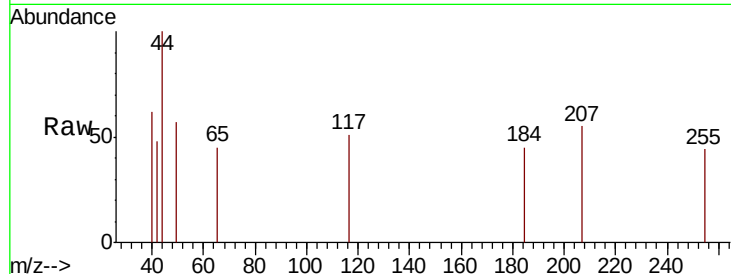
Delta R.T. -0.02 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :
MSVOA_F
ClientSampleId :
TP-15-DRE

Tot Ion: 49 Resp: 76
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 59.6 89.4#



#29

Tetrahydrofuran

Concen: 800.364 ug/l

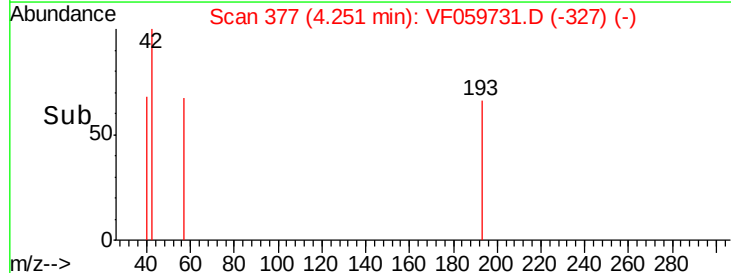
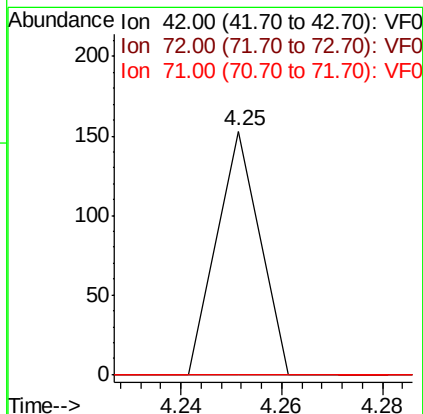
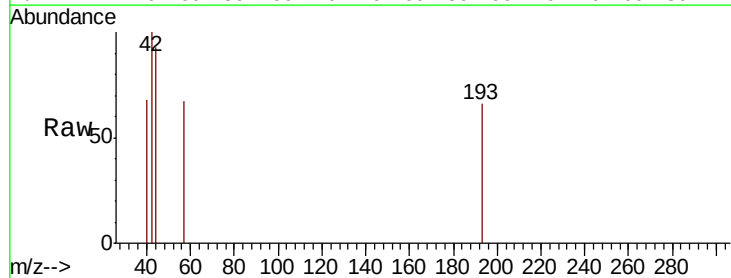
RT: 4.25 min Scan# 377

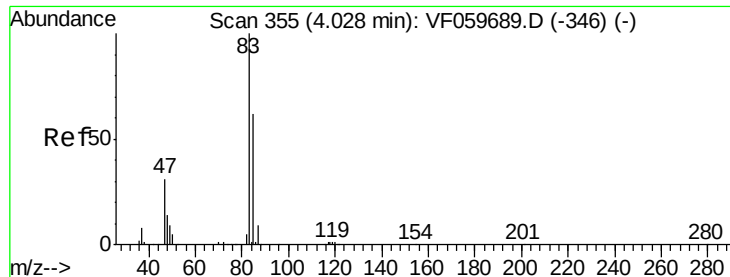
Delta R.T. -0.00 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Tgt Ion: 42 Resp: 91
Ion Ratio Lower Upper
42 100
72 0.0 27.0 40.6#
71 0.0 29.7 44.5#

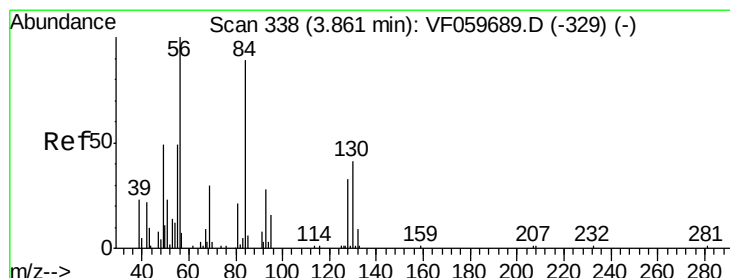
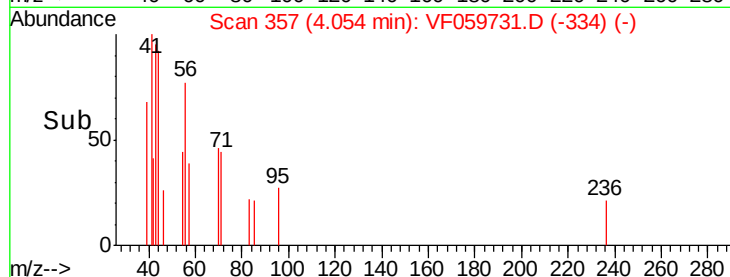
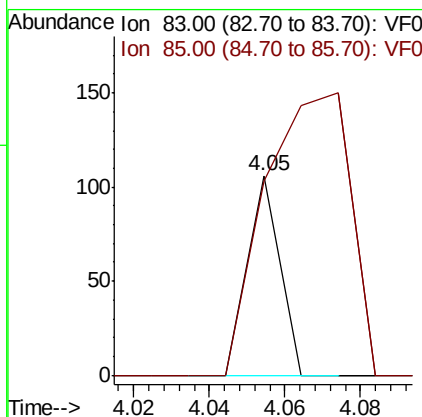
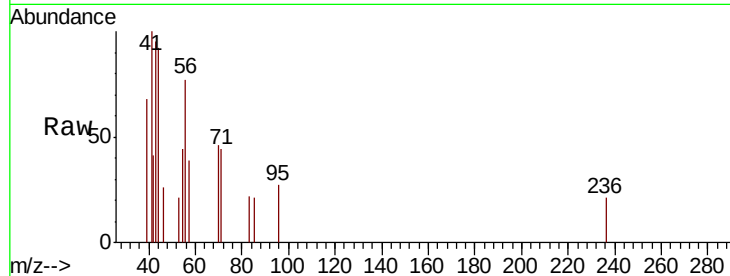




#30
Chloroform
Concen: 29.967 ug/l
RT: 4.05 min Scan# 357
Delta R.T. 0.03 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

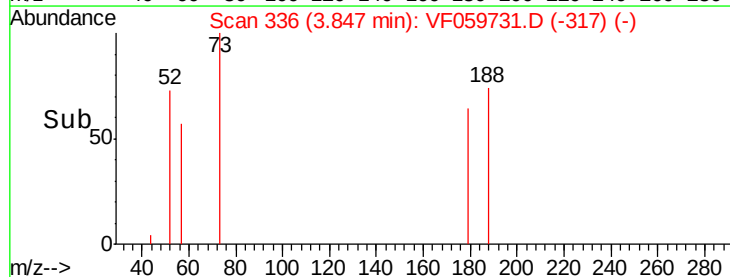
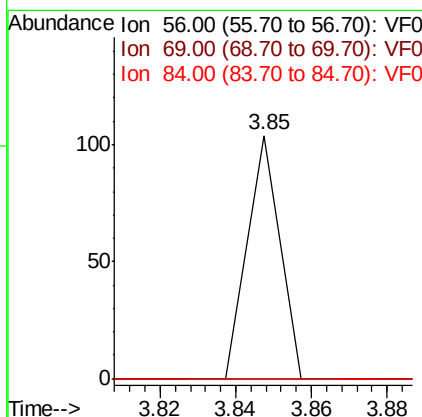
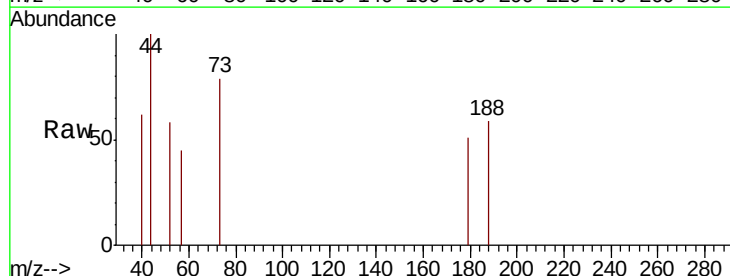
Instrument :
MSVOA_F
ClientSampleId :
TP-15-DRE

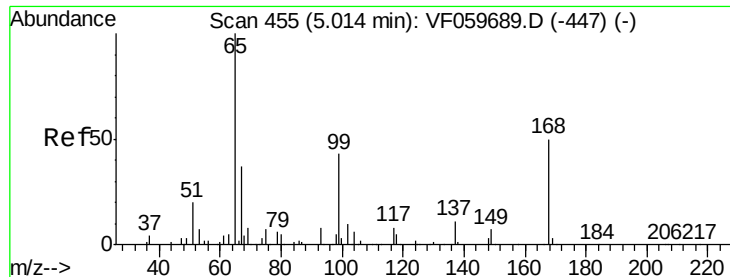
Tot Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
85 97.2 49.4 74.0#



#31
Cyclohexane
Concen: 89.102 ug/l
RT: 3.85 min Scan# 336
Delta R.T. -0.01 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 0.0 71.1 106.7#

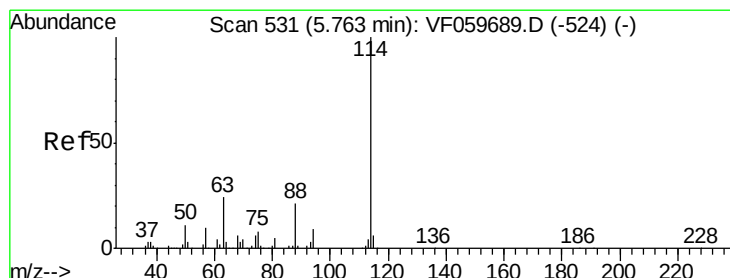
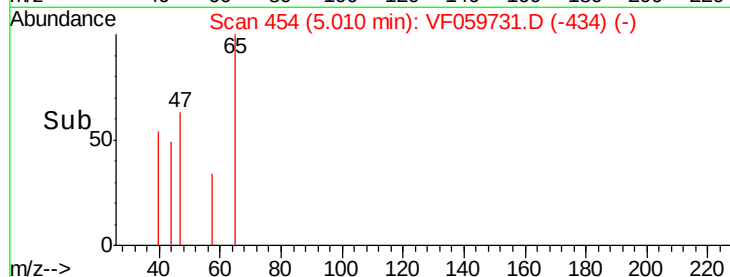
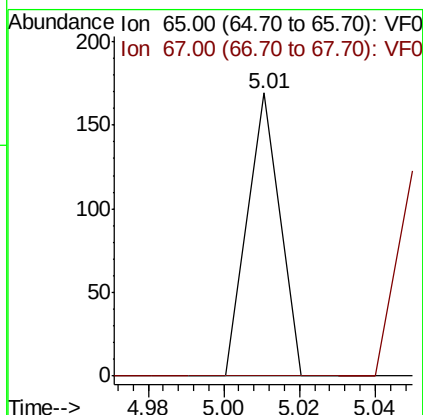
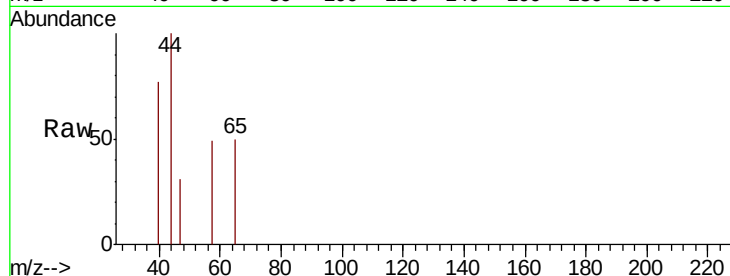




#33
 1,2-Dichloroethane-d4
 Concen: 67.856 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VF059731.D
 Acq: 1 Aug 2018 3:12

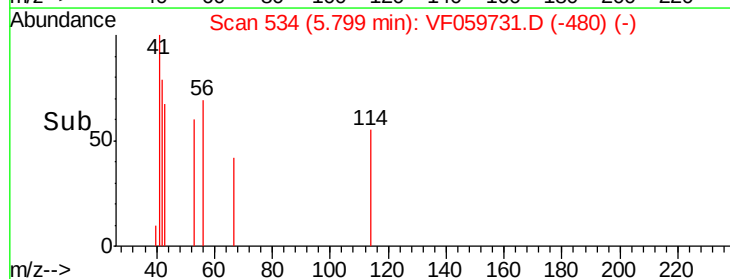
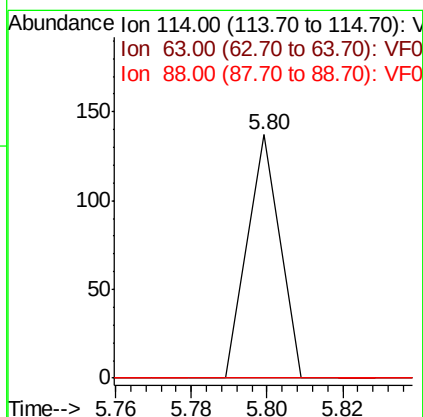
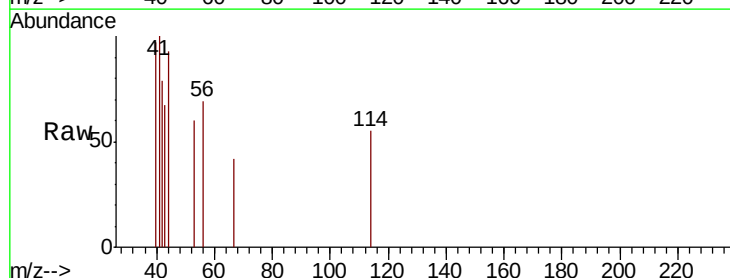
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-15-DRE

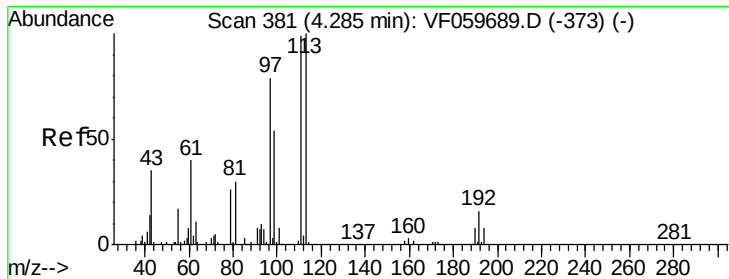
Tot Ion: 65 Resp: 100
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. 0.04 min
 Lab File: VF059731.D
 Acq: 1 Aug 2018 3:12

Tgt Ion: 114 Resp: 81
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 47.4
 88 0.0 0.0 41.2





#35

Dibromofluoromethane

Concen: 78.449 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

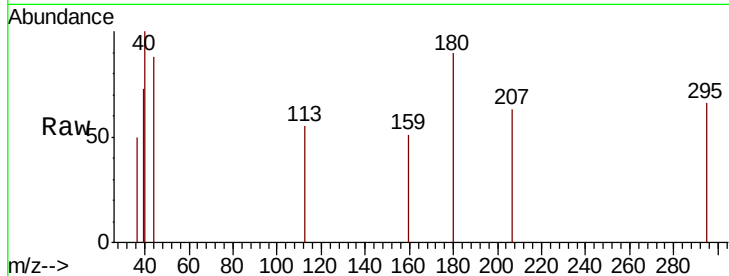
Tot Ion:113 Resp: 66

Ion Ratio Lower Upper

113 100

111 0.0 79.0 118.4#

192 0.0 13.2 19.8#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

200

150

100

50

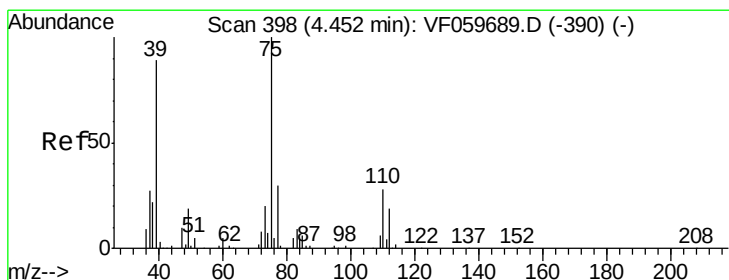
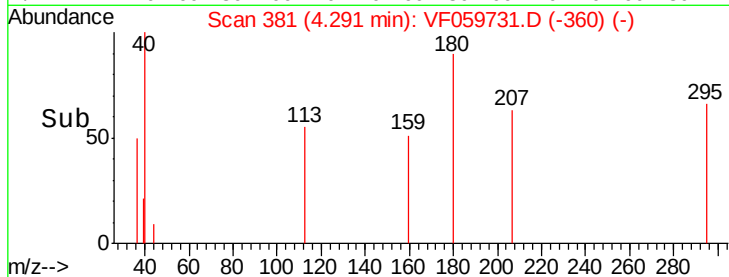
0

4.26

4.28

4.30

Time-->



#36

1,1-Dichloropropene

Concen: 102.966 ug/l

RT: 4.50 min Scan# 402

Delta R.T. 0.05 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

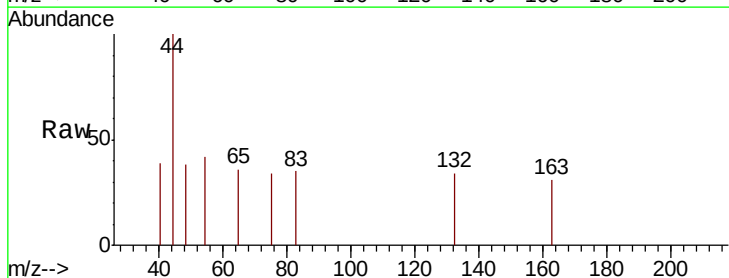
Tgt Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

77 0.0 24.2 36.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

150

100

50

0

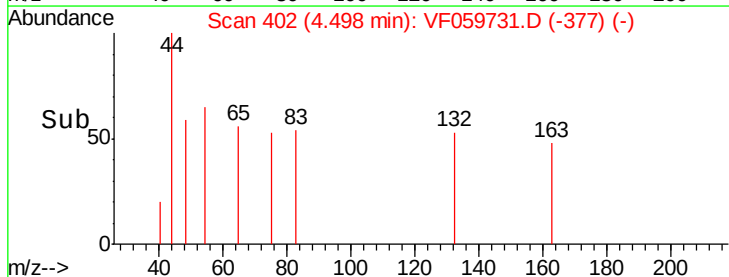
4.46

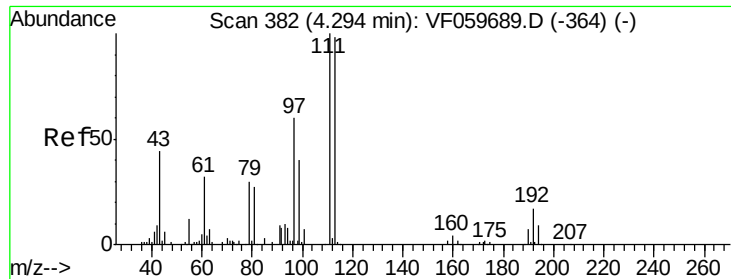
4.48

4.50

4.52

Time-->





#37

Ethyl Acetate

Concen: 232.115 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.04 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

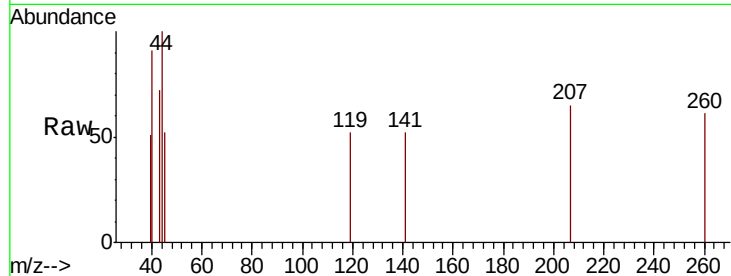
Tot Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

61 0.0 58.2 87.2#

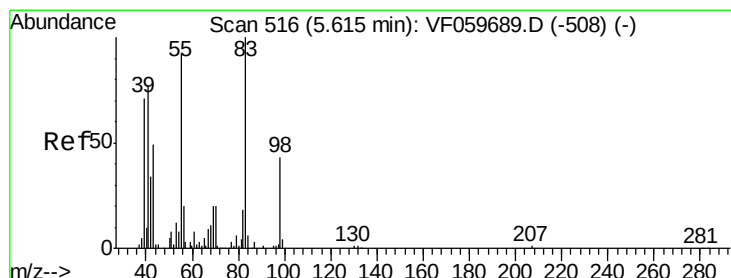
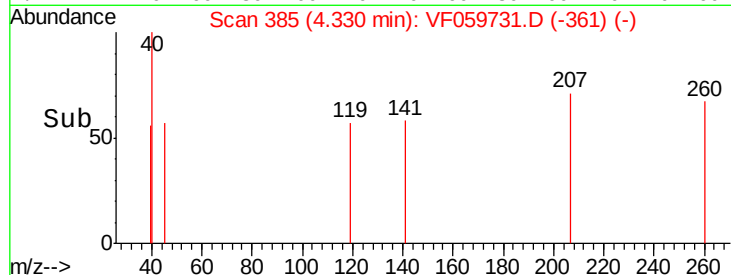
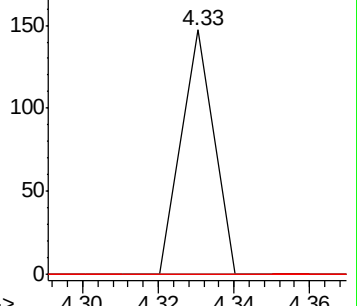
70 0.0 6.0 9.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#39

Methylcyclohexane

Concen: 100.334 ug/l

RT: 5.70 min Scan# 524

Delta R.T. 0.09 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

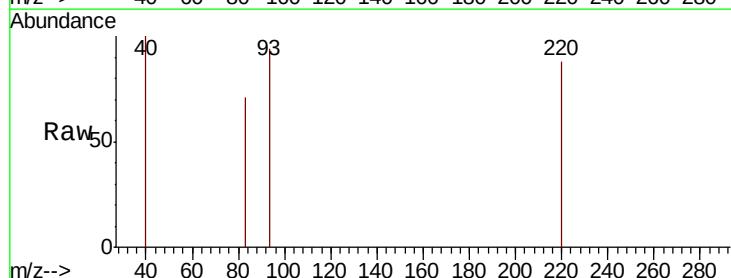
Tgt Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

55 0.0 73.4 110.2#

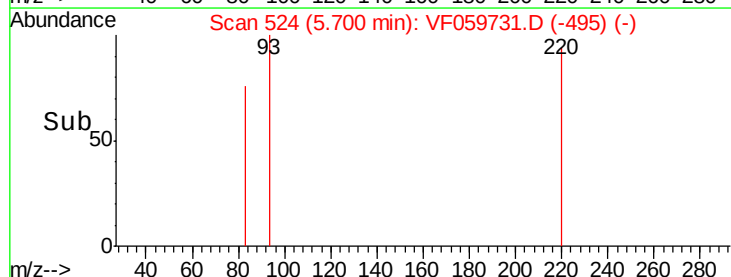
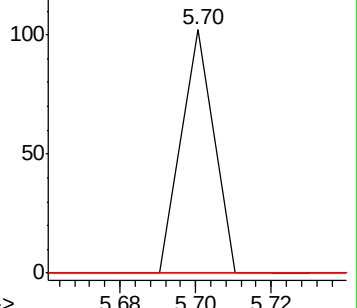
98 0.0 34.2 51.4#

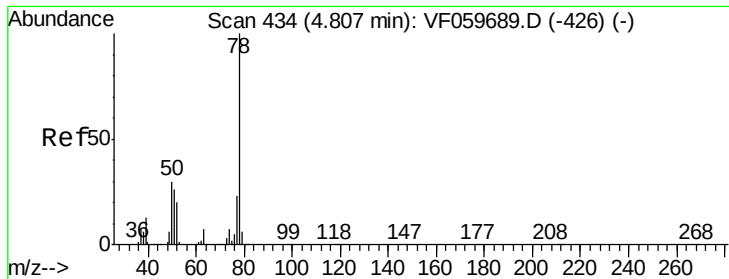


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 42.182 ug/l

RT: 4.95 min Scan# 448

Delta R.T. 0.14 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

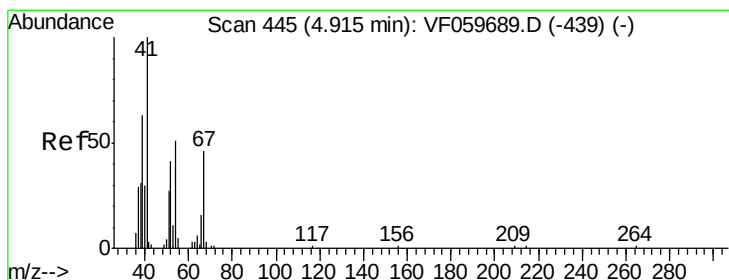
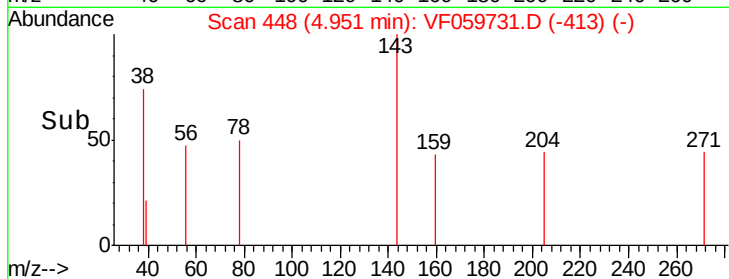
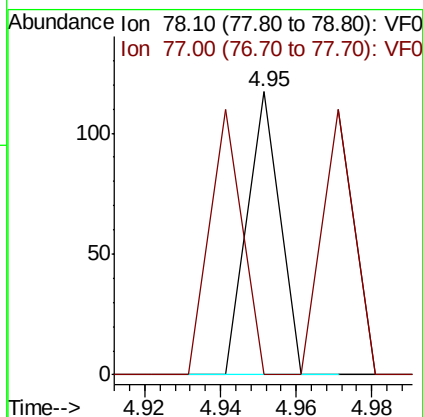
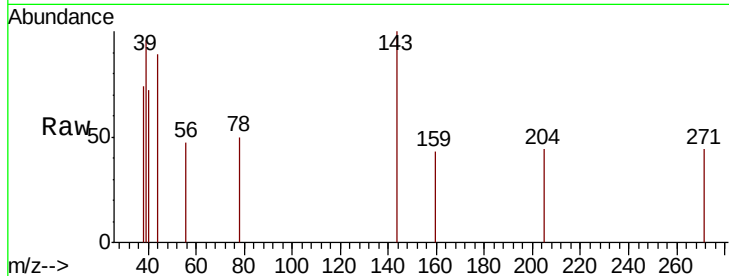
TP-15-DRE

Tot Ion: 78 Resp: 69

Ion Ratio Lower Upper

78 100

77 0.0 18.9 28.3#



#41

Methacrylonitrile

Concen: 324.376 ug/l

RT: 4.93 min Scan# 446

Delta R.T. 0.02 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Tgt Ion: 41 Resp: 63

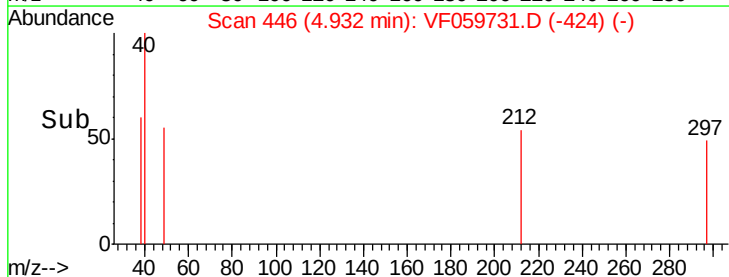
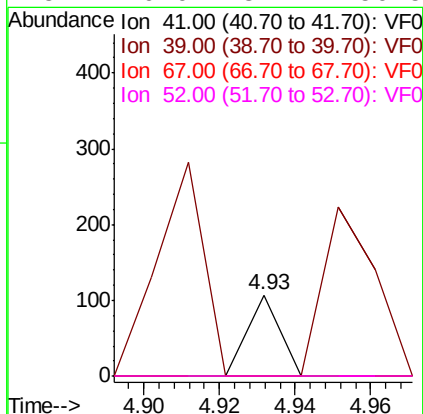
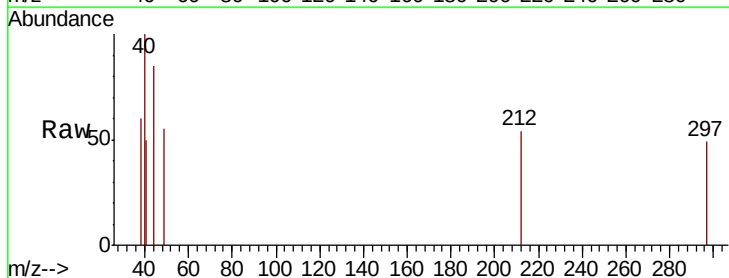
Ion Ratio Lower Upper

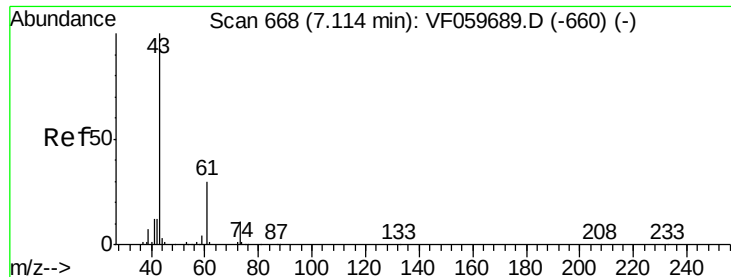
41 100

39 0.0 55.2 82.8#

67 0.0 36.2 54.2#

52 0.0 37.7 56.5#





#43

Isopropyl Acetate

Concen: 158.979 ug/l

RT: 7.18 min Scan# 674

Delta R.T. 0.07 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

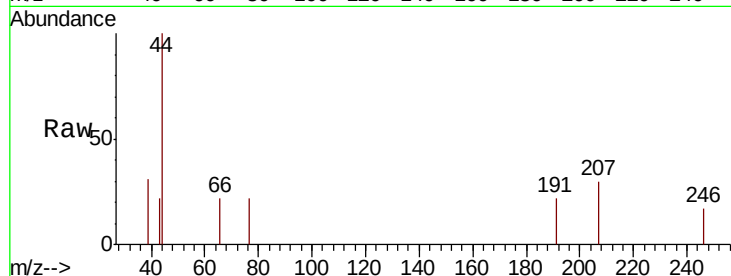
Tot Ion: 43 Resp: 77

Ion Ratio Lower Upper

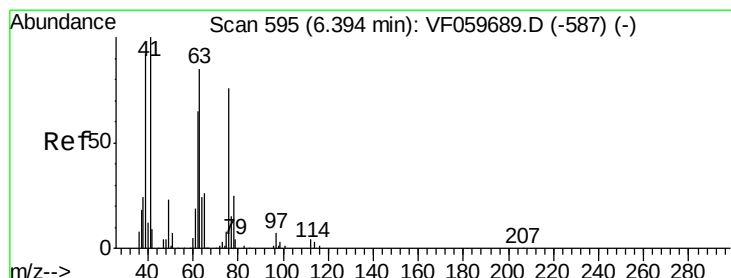
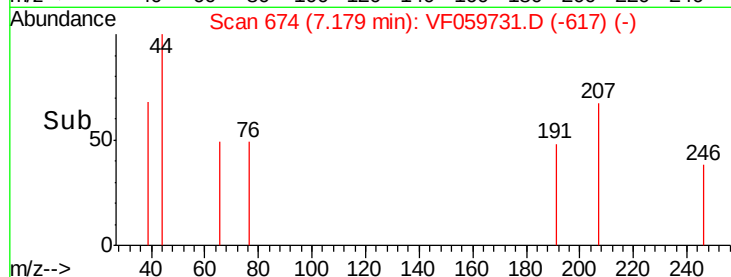
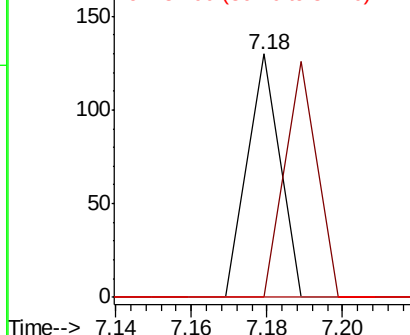
43 100

61 0.0 23.8 35.8#

87 0.0 0.6 1.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 87.00 (86.70 to 87.70): VF0



#45

1,2-Dichloropropane

Concen: 560.203 ug/l

RT: 6.45 min Scan# 600

Delta R.T. 0.06 min

Lab File: VF059731.D

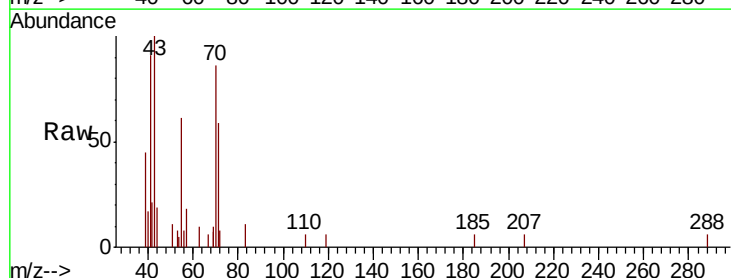
Acq: 1 Aug 2018 3:12

Tgt Ion: 63 Resp: 242

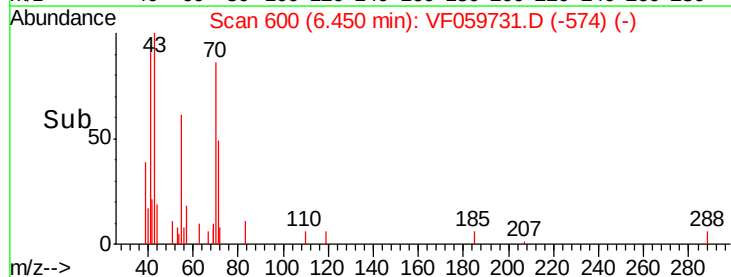
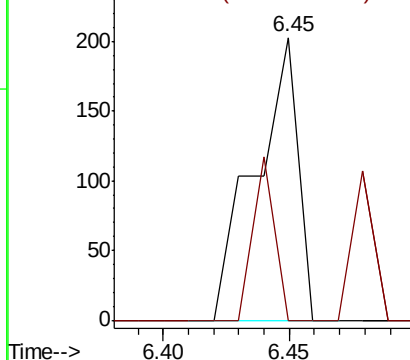
Ion Ratio Lower Upper

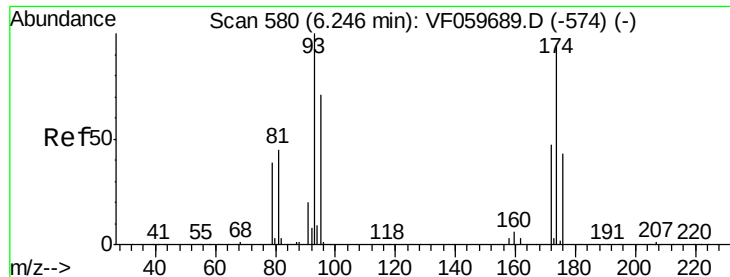
63 100

65 0.0 25.2 37.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0
Ion 65.00 (64.70 to 65.70): VF0





#46

Dibromomethane

Concen: 387.681 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.03 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

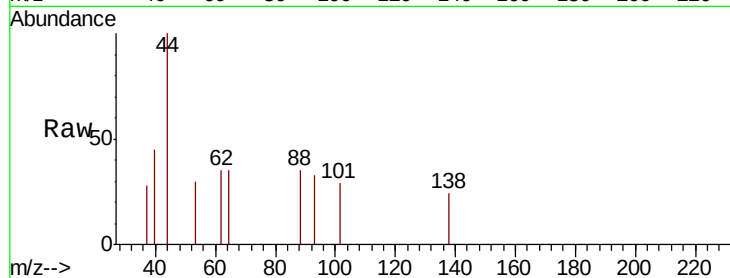
Tot Ion: 93 Resp: 159

Ion Ratio Lower Upper

93 100

95 0.0 57.1 85.7#

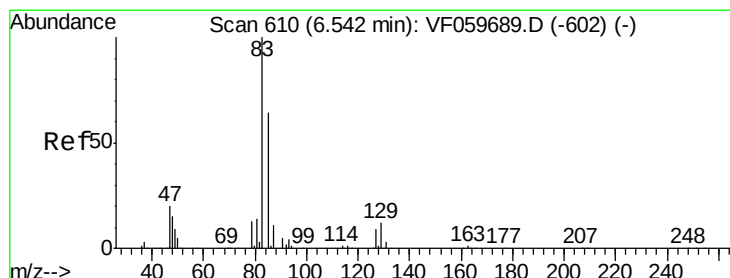
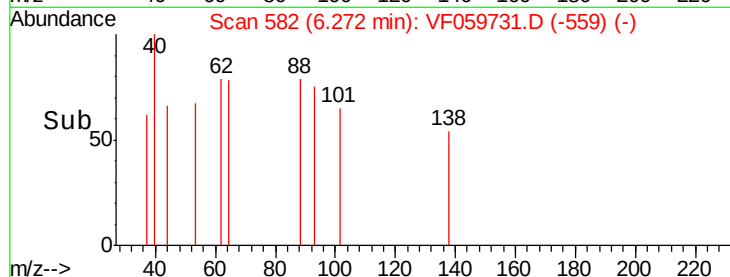
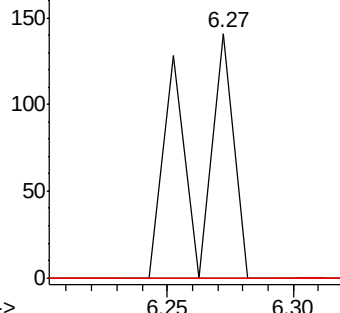
174 0.0 74.8 112.2#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V



#47

Bromodichloromethane

Concen: 457.528 ug/l

RT: 6.60 min Scan# 615

Delta R.T. 0.06 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

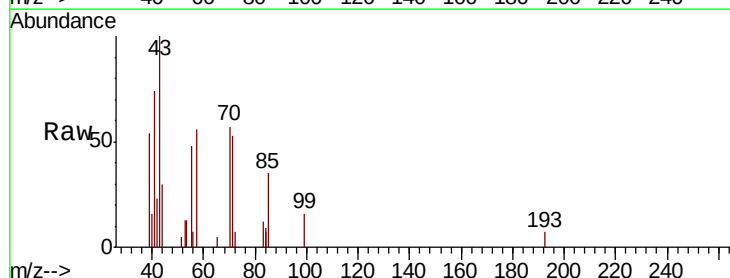
Tgt Ion: 83 Resp: 511

Ion Ratio Lower Upper

83 100

85 289.0 51.0 76.6#

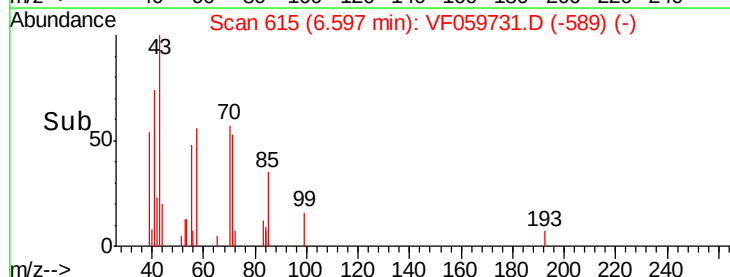
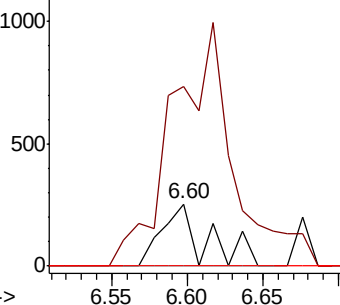
127 0.0 7.3 10.9#

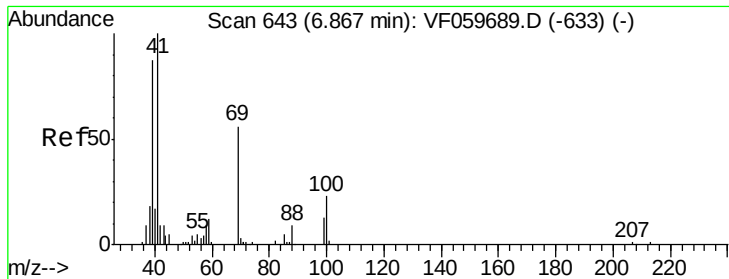


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V

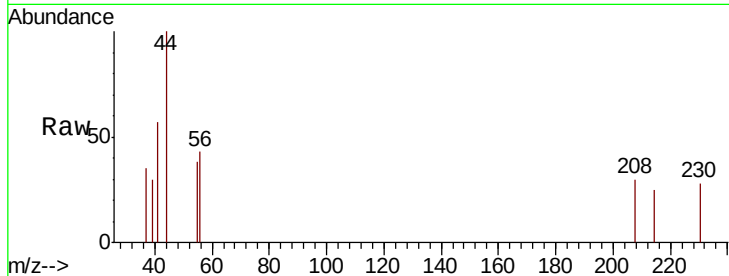




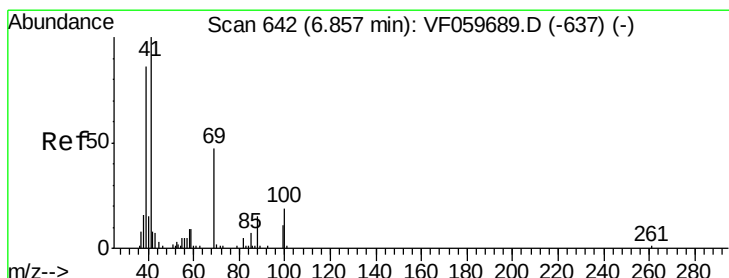
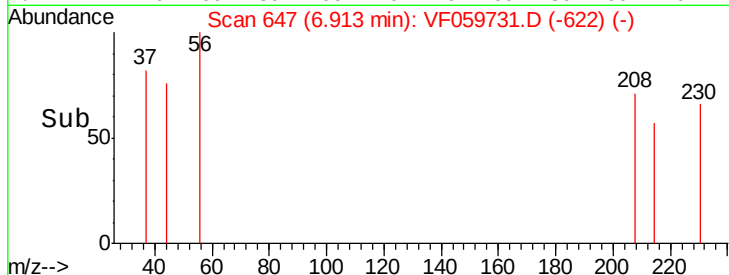
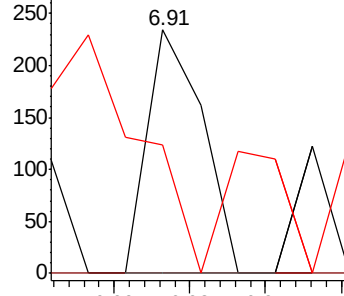
#48
Methyl methacrylate
Concen: 642.312 ug/l
RT: 6.91 min Scan# 647
Delta R.T. 0.05 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

Instrument :
MSVOA_F
ClientSampled :
TP-15-DRE

Tot Ion: 41 Resp: 234
Ion Ratio Lower Upper
41 100
69 0.0 44.4 66.6#
39 53.0 69.4 104.2#

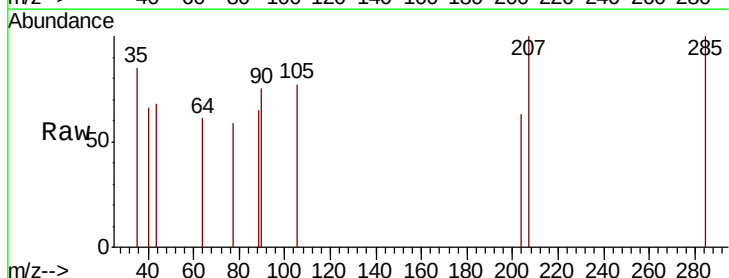


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

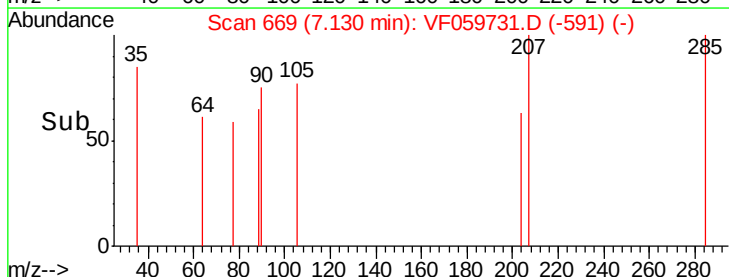
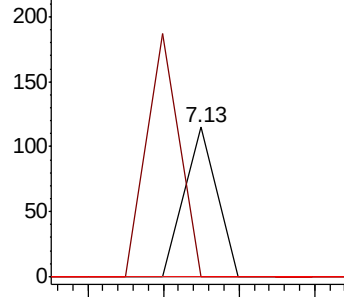


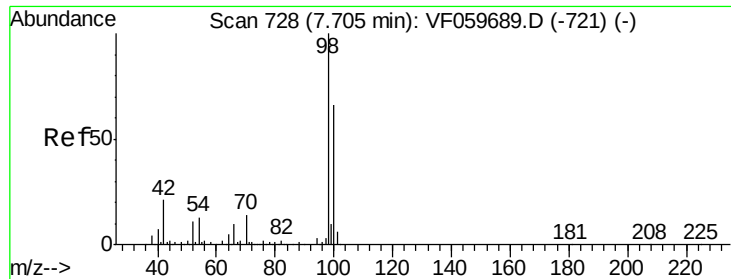
#49
1,4-Dioxane
Concen: 11680.415 ug/l
RT: 7.13 min Scan# 669
Delta R.T. 0.27 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 0.0 45.2 67.8#
58 0.0 49.0 73.6#



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

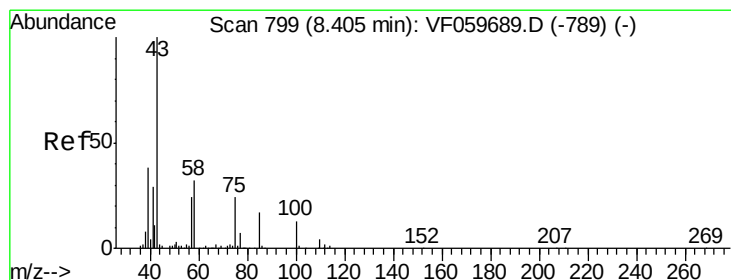
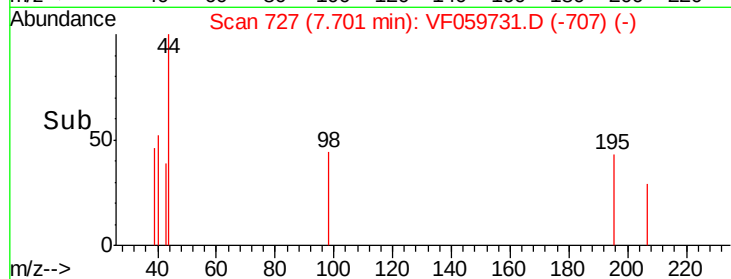
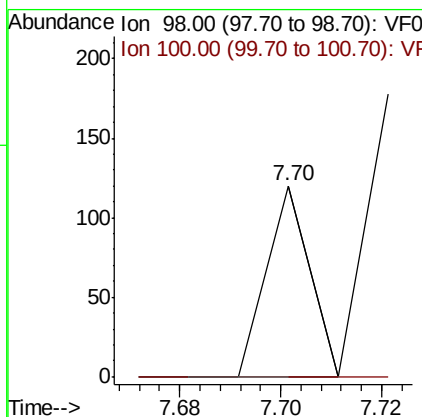
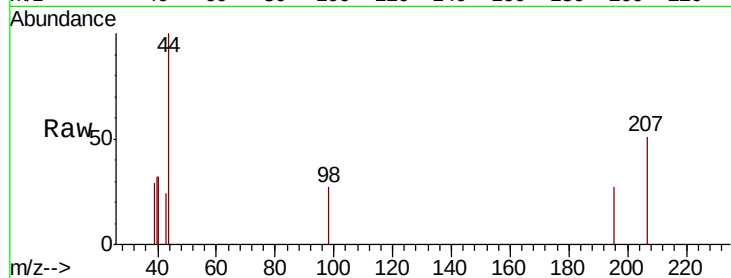




#50
Toluene-d8
Concen: 36.190 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

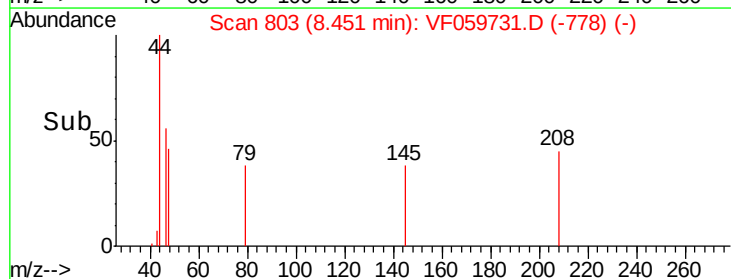
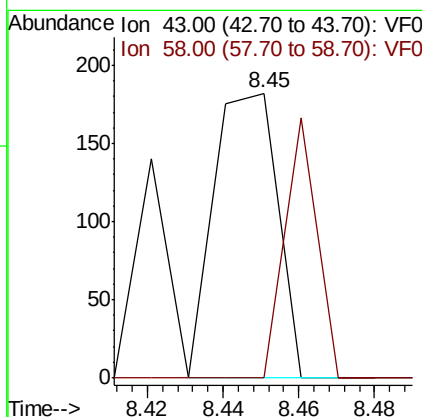
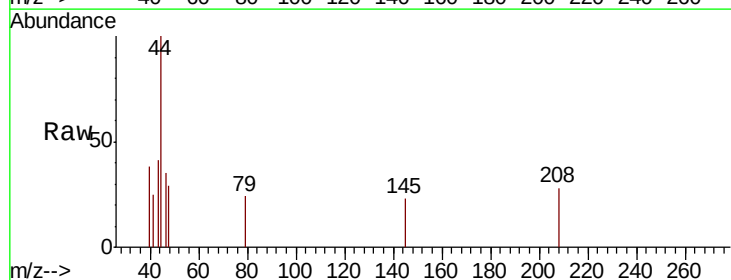
Instrument :
MSVOA_F
ClientSampleId :
TP-15-DRE

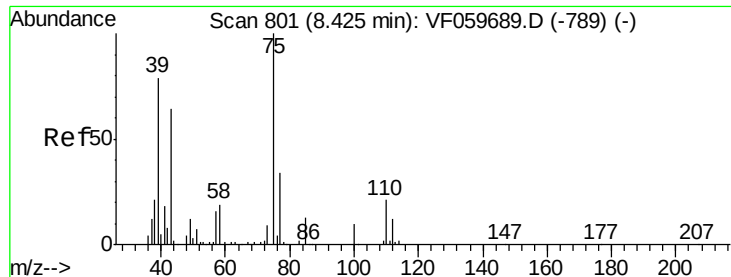
Tot Ion: 98 Resp: 71
Ion Ratio Lower Upper
98 100
100 0.0 52.8 79.2#



#51
4-Methyl-2-Pentanone
Concen: 572.687 ug/l
RT: 8.45 min Scan# 803
Delta R.T. 0.05 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#





#53

t-1,3-Dichloropropene

Concen: 99.060 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.01 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

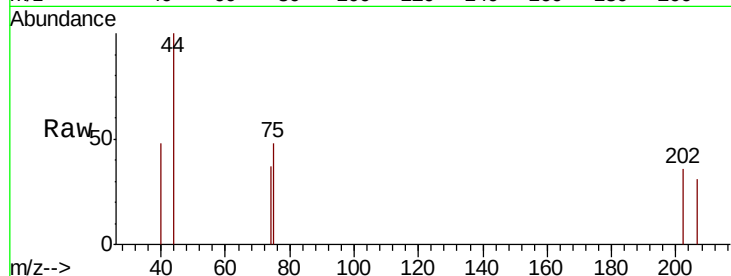
TP-15-DRE

Tot Ion: 75 Resp: 96

Ion Ratio Lower Upper

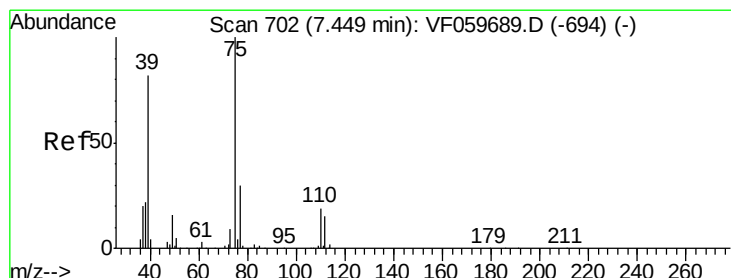
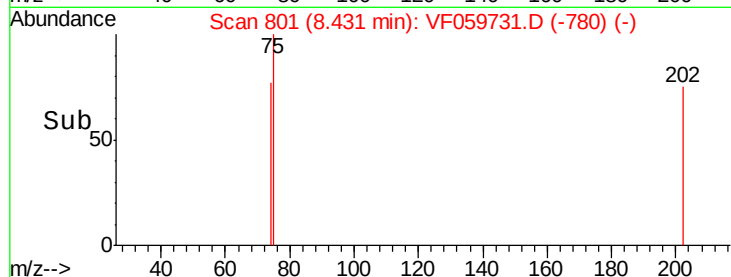
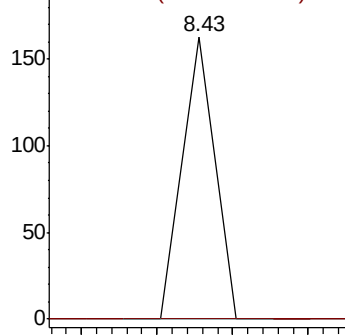
75 100

77 0.0 27.0 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 67.115 ug/l

RT: 7.36 min Scan# 692

Delta R.T. -0.09 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

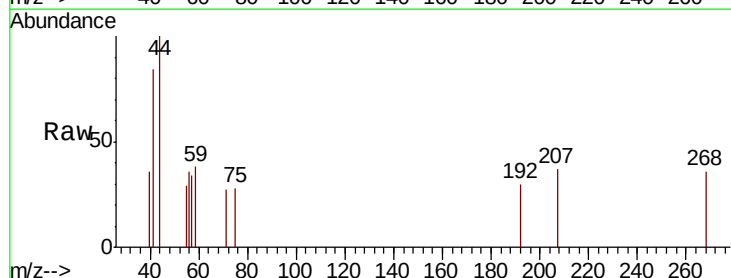
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

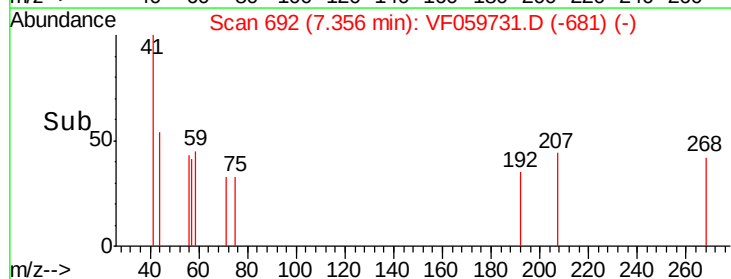
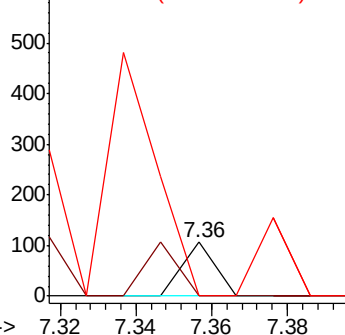
39 0.0 65.4 98.2#

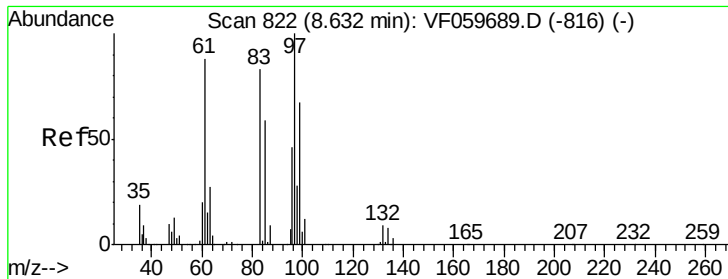


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 277.640 ug/l

RT: 8.73 min Scan# 831

Delta R.T. 0.10 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

Tot Ion: 97 Resp: 123

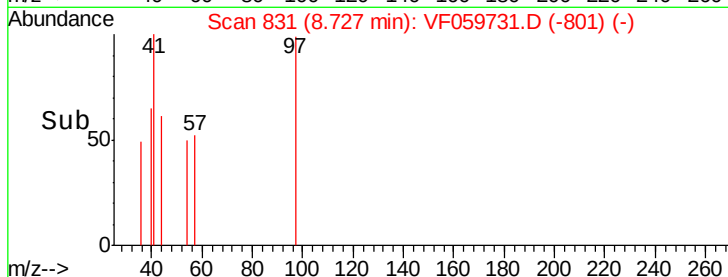
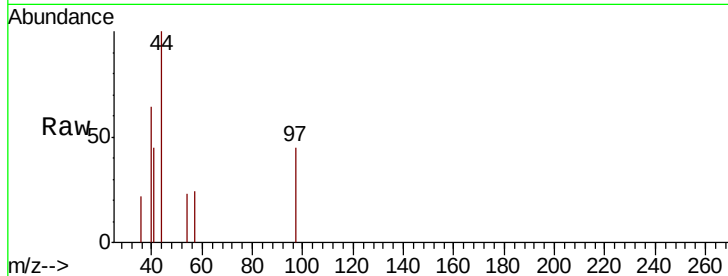
Ion Ratio Lower Upper

97 100

83 0.0 66.6 100.0#

85 0.0 47.4 71.0#

99 0.0 53.2 79.8#

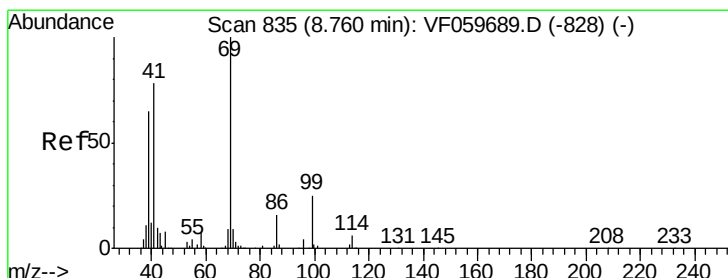
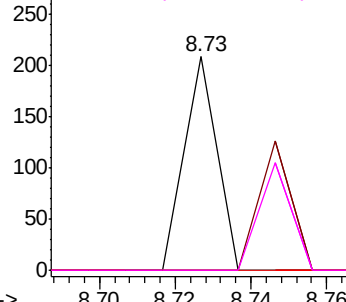


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 190.470 ug/l

RT: 8.85 min Scan# 844

Delta R.T. 0.10 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

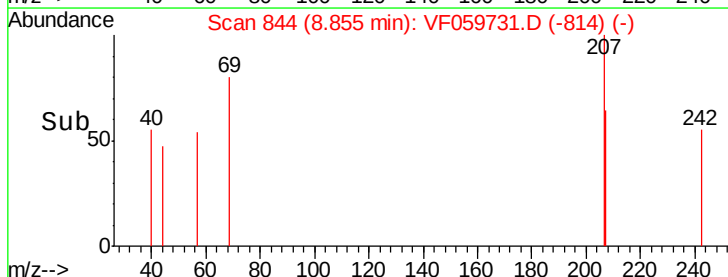
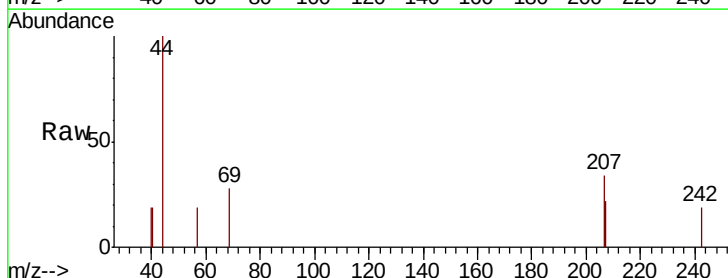
Tgt Ion: 69 Resp: 88

Ion Ratio Lower Upper

69 100

41 0.0 62.3 93.5#

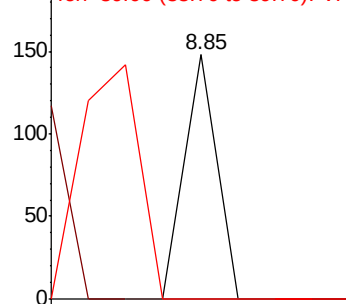
39 0.0 52.4 78.6#

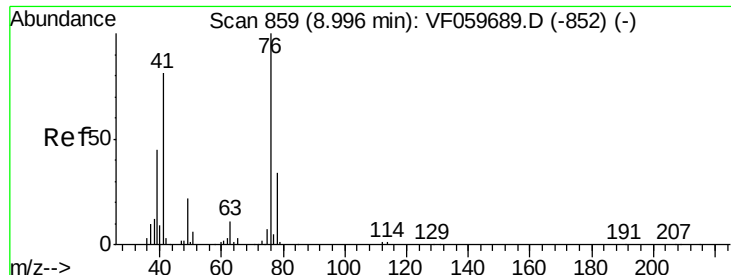


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

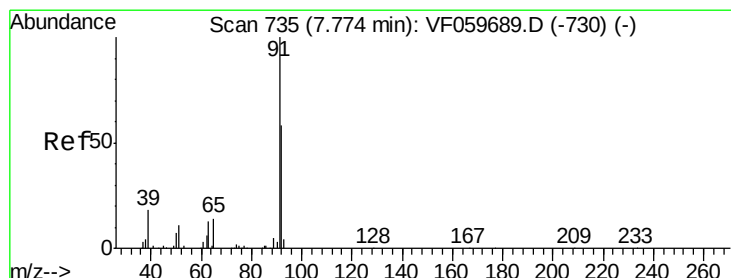
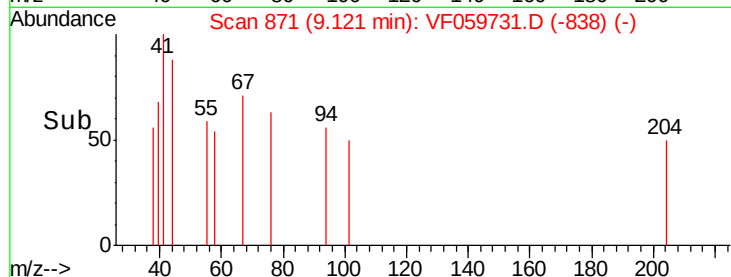
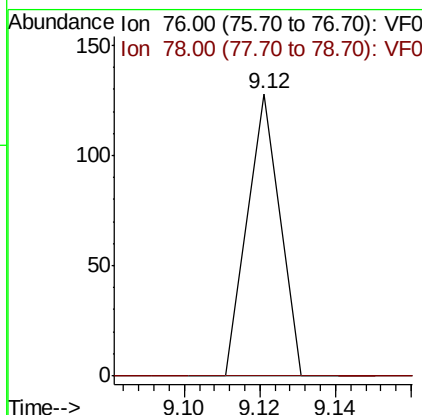
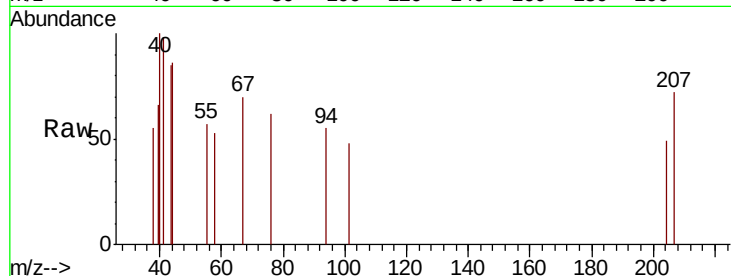




#57
 1,3-Dichloropropane
 Concen: 99.998 ug/l
 RT: 9.12 min Scan# 871
 Delta R.T. 0.12 min
 Lab File: VF059731.D
 Acq: 1 Aug 2018 3:12

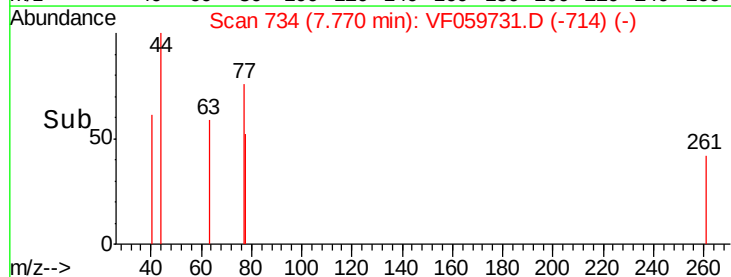
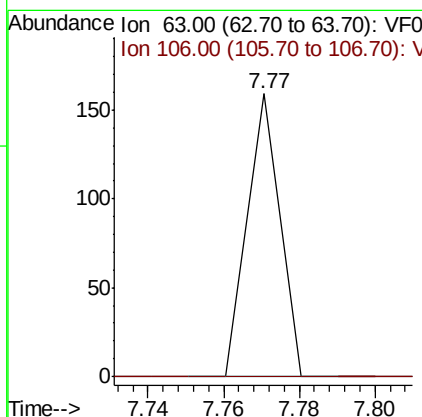
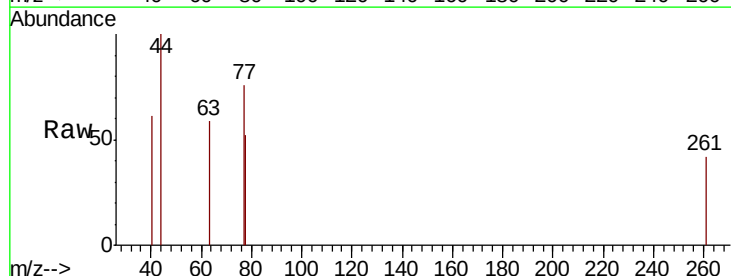
Instrument :
 MSVOA_F
 ClientSampled :
 TP-15-DRE

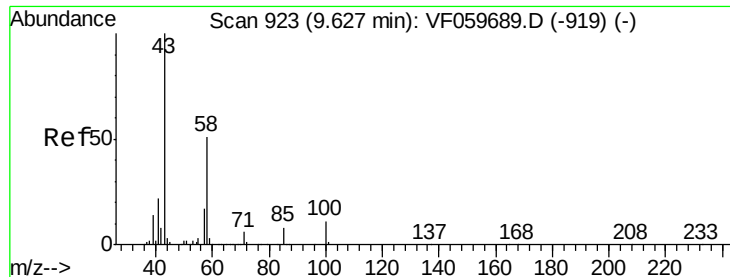
Tot Ion: 76 Resp: 76
 Ion Ratio Lower Upper
 76 100
 78 0.0 27.2 40.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 1762.168 ug/l
 RT: 7.77 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: VF059731.D
 Acq: 1 Aug 2018 3:12

Tgt Ion: 63 Resp: 94
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0

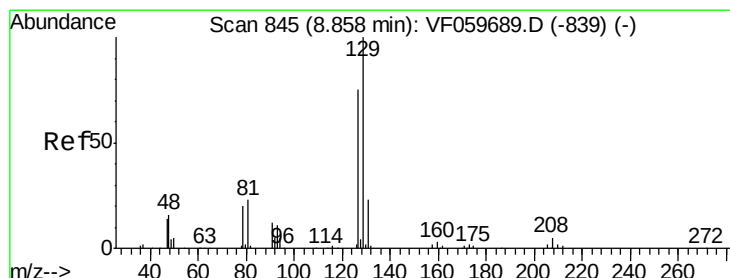
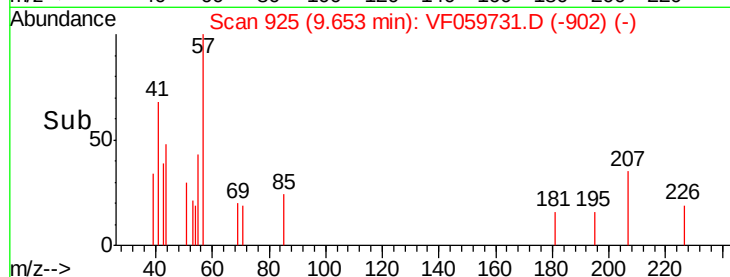
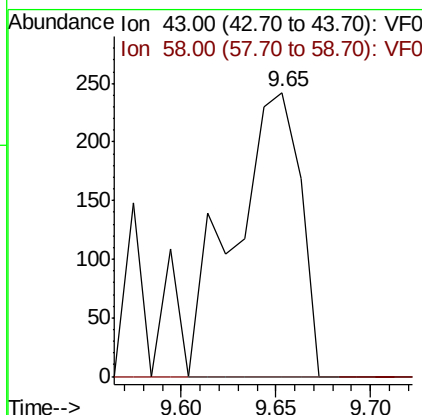
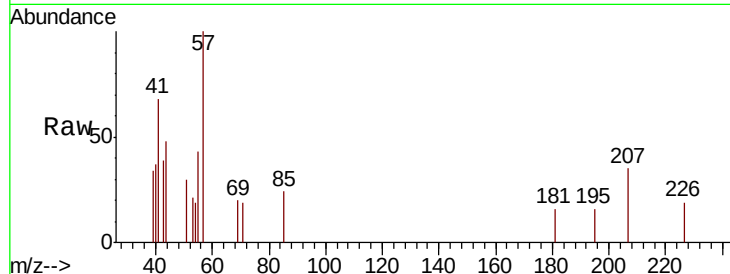




#59
2-Hexanone
Concen: 2008.468 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.03 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

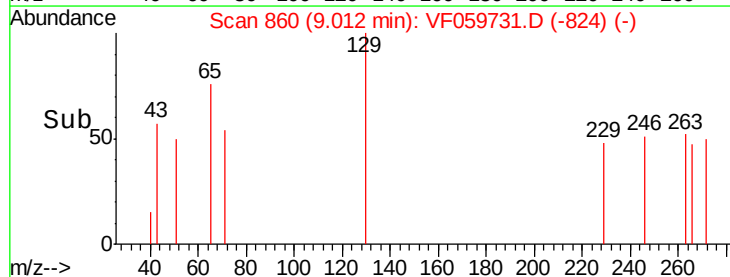
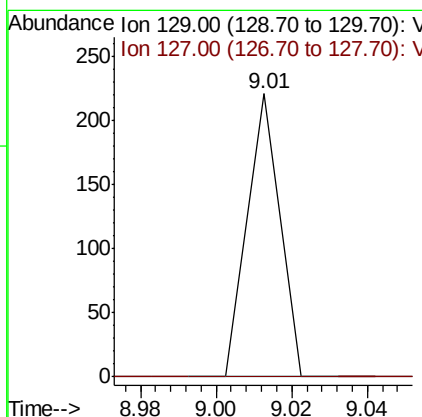
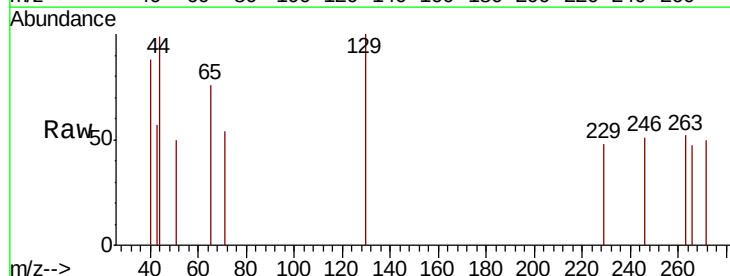
Instrument :
MSVOA_F
ClientSampleId :
TP-15-DRE

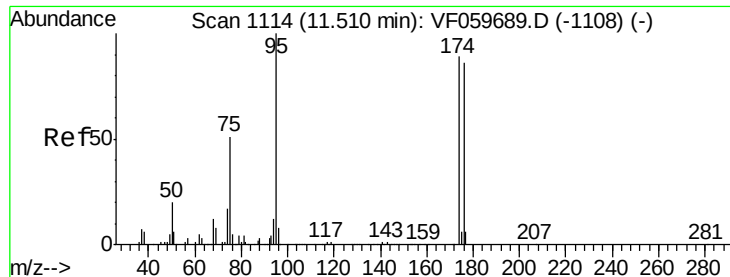
Tot Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 0.0 23.3 69.8#



#60
Dibromochloromethane
Concen: 167.577 ug/l
RT: 9.01 min Scan# 860
Delta R.T. 0.15 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

Tgt Ion: 129 Resp: 131
Ion Ratio Lower Upper
129 100
127 0.0 37.7 113.1#





#62

4-Bromofluorobenzene

Concen: 73.657 ug/l

RT: 11.57 min Scan# 1119

Delta R.T. 0.06 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

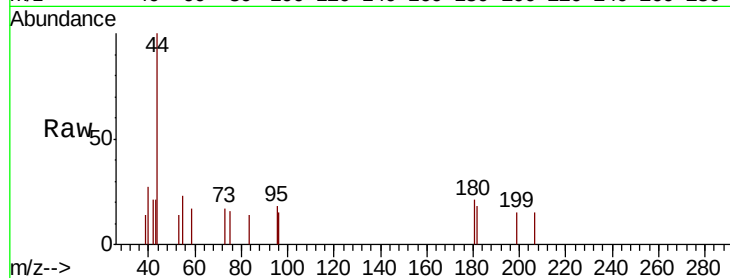
Tot Ion: 95 Resp: 80

Ion Ratio Lower Upper

95 100

174 0.0 0.0 178.4

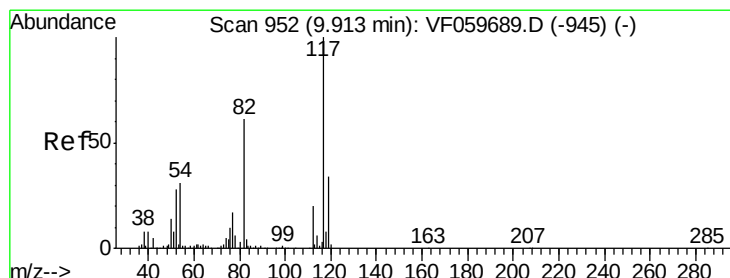
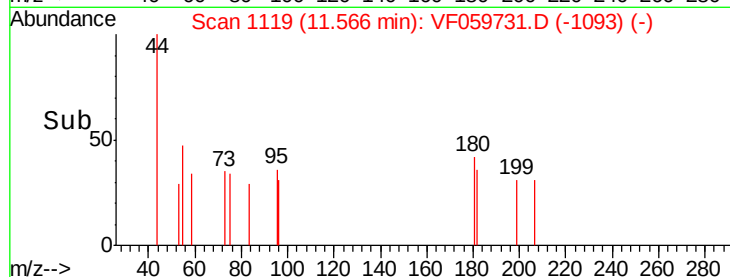
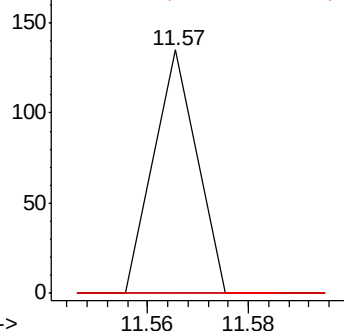
176 0.0 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.00 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

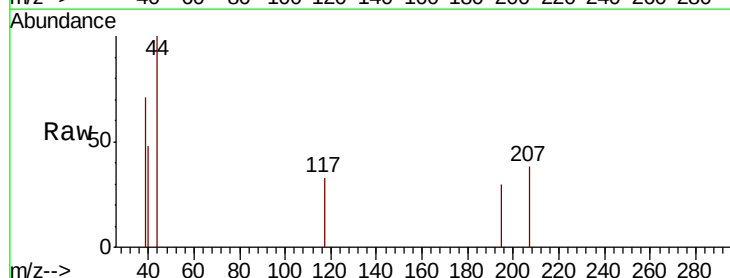
Tgt Ion: 117 Resp: 137

Ion Ratio Lower Upper

117 100

82 0.0 49.0 73.4#

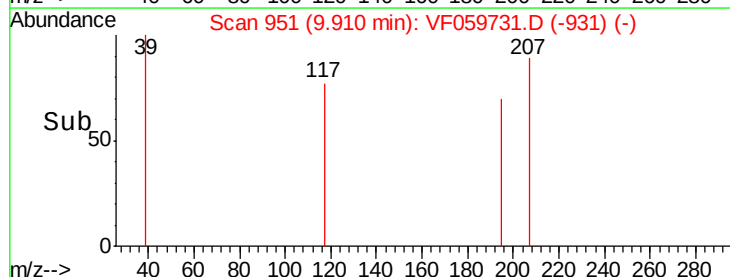
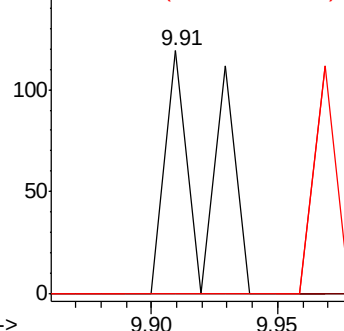
119 0.0 27.3 40.9#

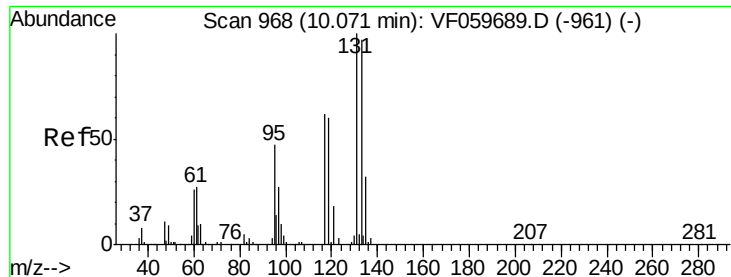


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.239 ug/l

RT: 10.19 min Scan# 979

Delta R.T. 0.11 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

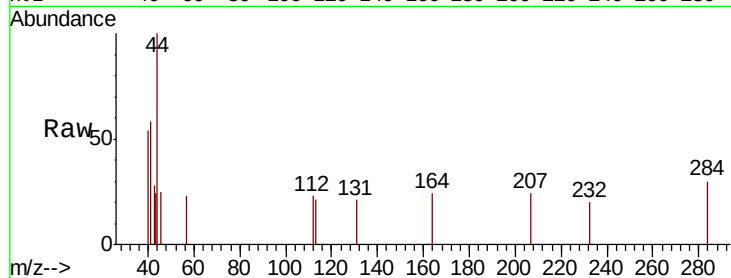
Tot Ion:131 Resp: 63

Ion Ratio Lower Upper

131 100

133 0.0 48.5 145.5#

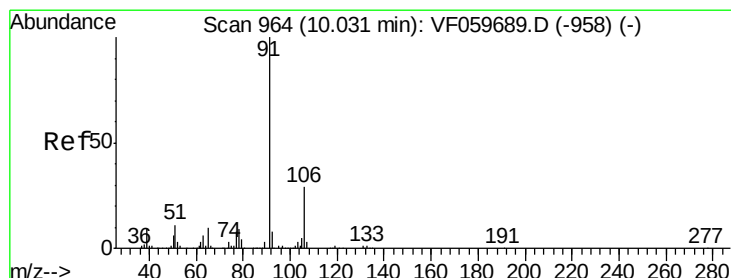
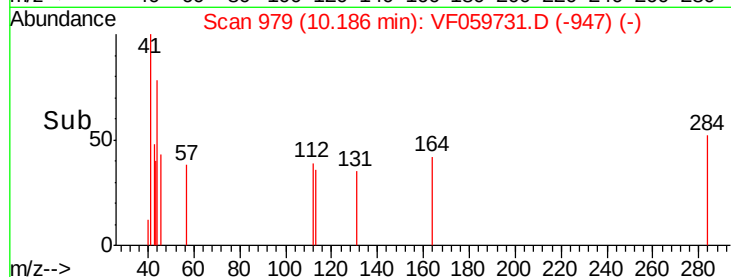
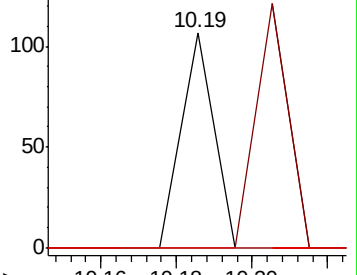
119 0.0 30.3 90.8#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#67

Ethyl Benzene

Concen: 12.654 ug/l

RT: 10.14 min Scan# 974

Delta R.T. 0.10 min

Lab File: VF059731.D

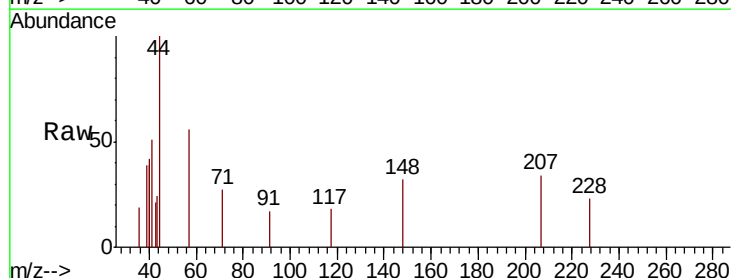
Acq: 1 Aug 2018 3:12

Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

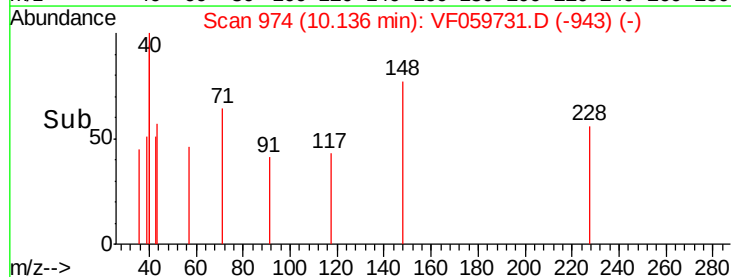
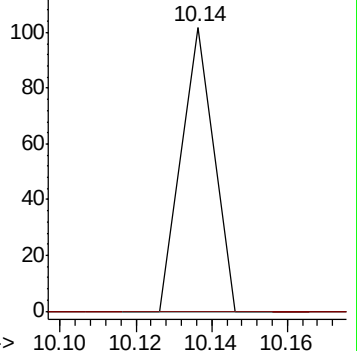
91 100

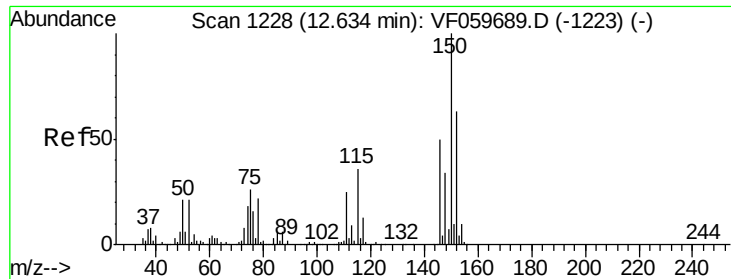
106 0.0 22.9 34.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



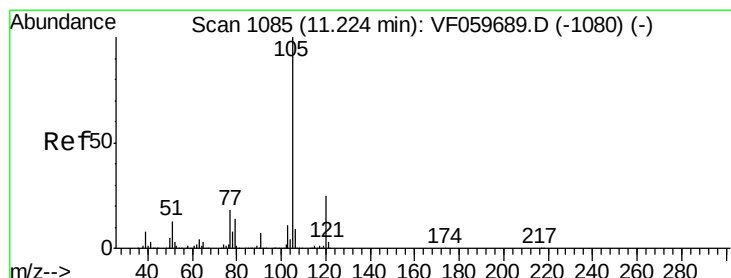
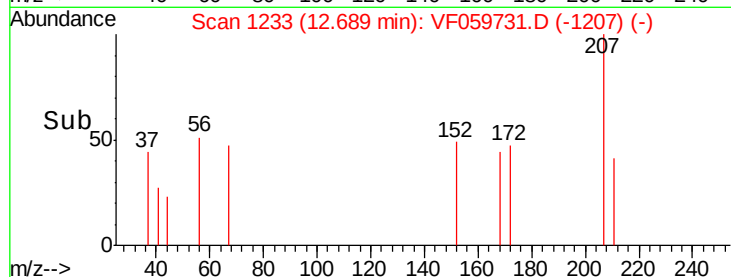
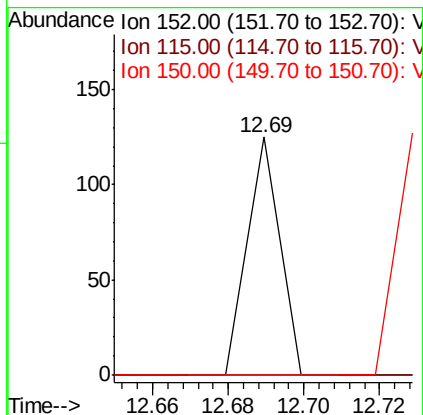
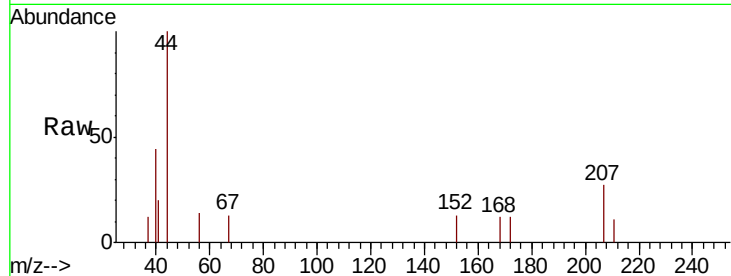


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.69 min Scan# 1233
Delta R.T. 0.06 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

Instrument :
MSVOA_F
ClientSampleId :
TP-15-DRE

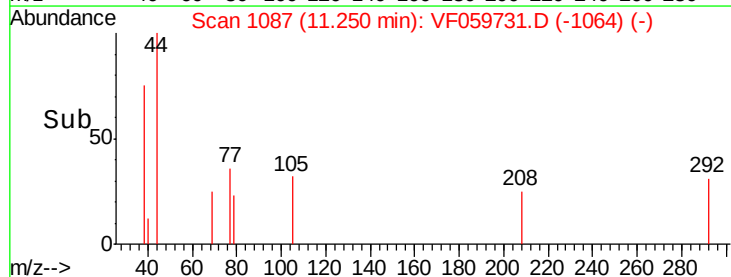
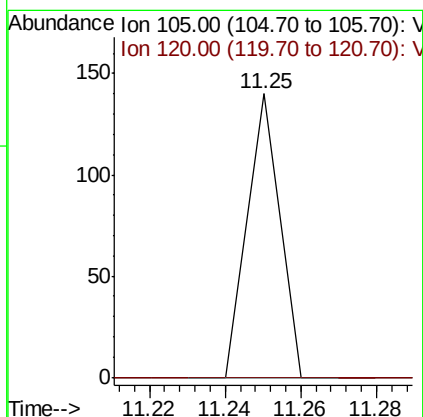
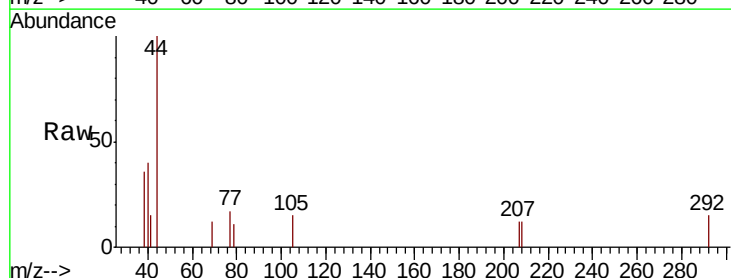
Tot Ion:152 Resp: 74
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.6#
150 0.0 0.0 316.2

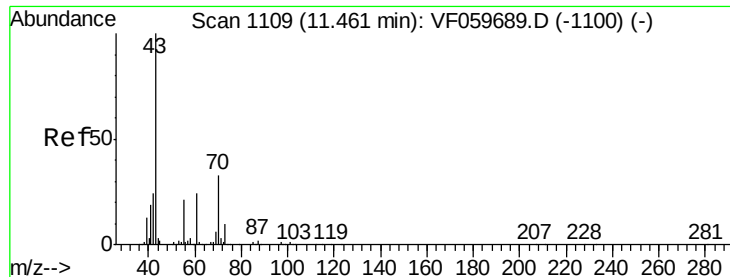


#73

Isopropylbenzene
Concen: 17.094 ug/l
RT: 11.25 min Scan# 1087
Delta R.T. 0.03 min
Lab File: VF059731.D
Acq: 1 Aug 2018 3:12

Tgt Ion:105 Resp: 83
Ion Ratio Lower Upper
105 100
120 0.0 12.4 37.4#





#74

N-amvl acetate

Concen: 135.511 ug/l

RT: 11.47 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

Tot Ion: 43 Resp: 166

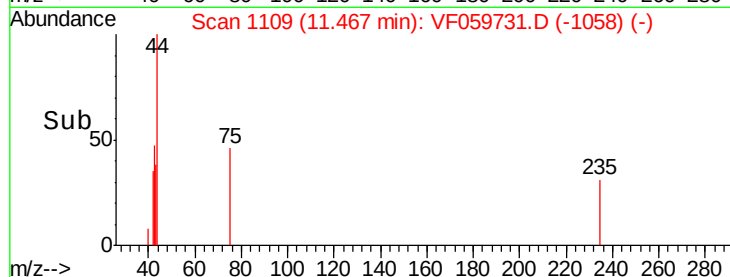
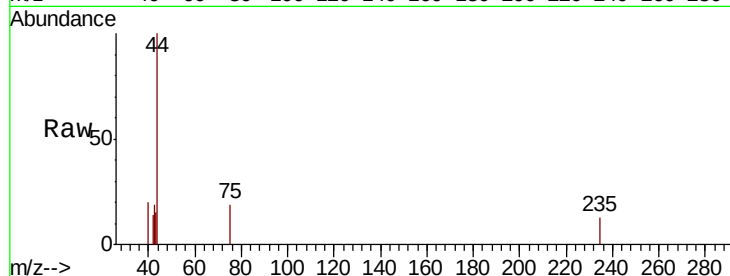
Ion Ratio Lower Upper

43 100

70 0.0 26.3 39.5#

55 0.0 16.6 25.0#

61 0.0 19.1 28.7#

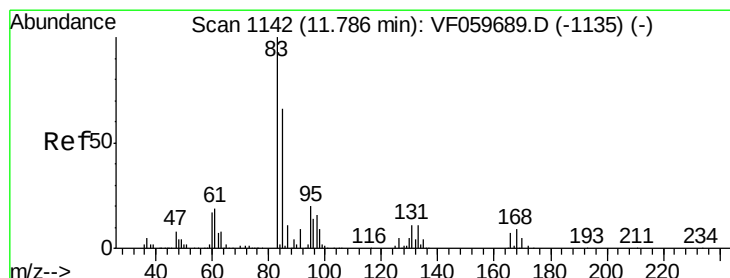
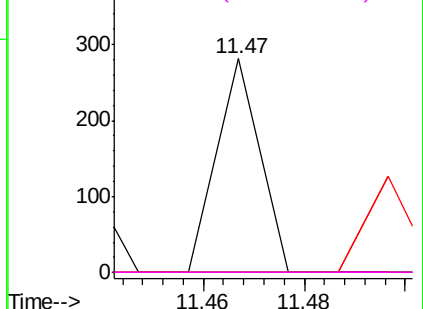


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 80.963 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. -0.11 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

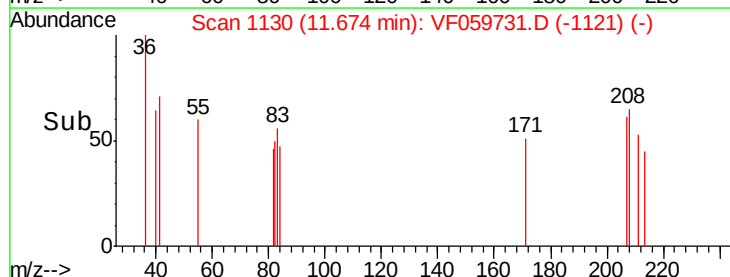
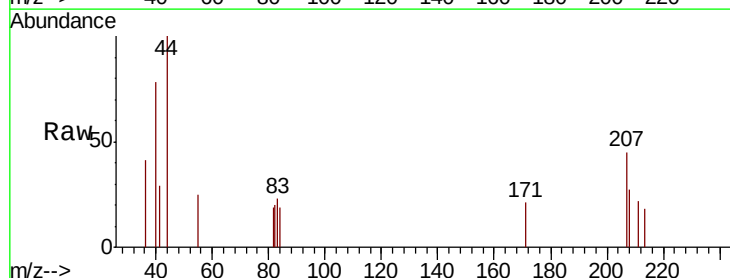
Tgt Ion: 83 Resp: 74

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.3#

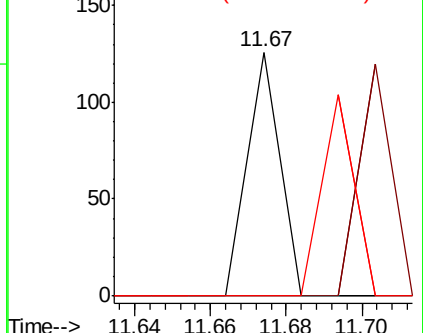
85 0.0 32.8 98.3#

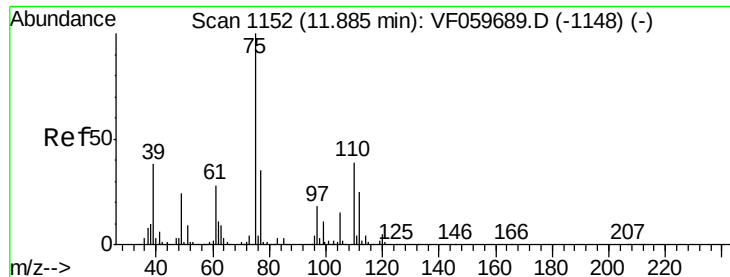


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 84.920 ug/l

RT: 11.74 min Scan# 1137

Delta R.T. -0.14 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampled :

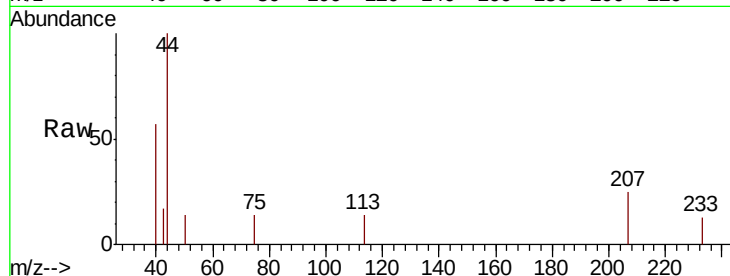
TP-15-DRE

Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

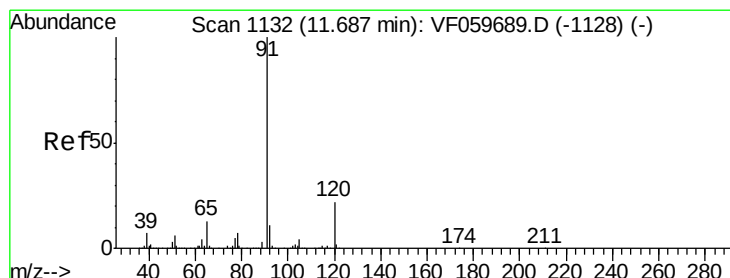
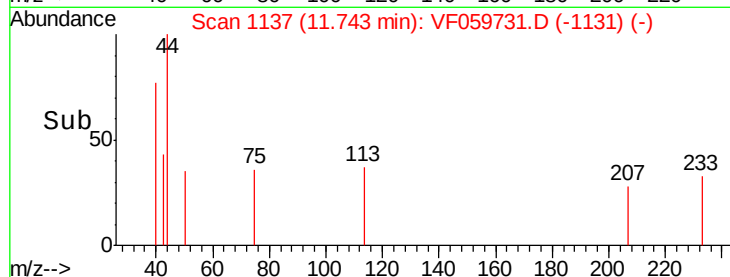
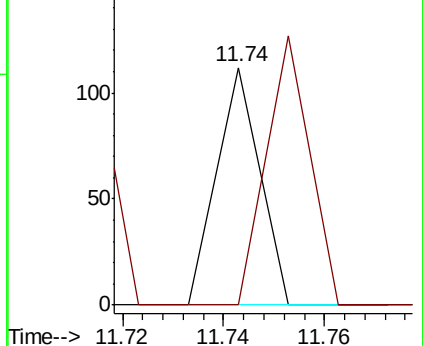
75 100

77 0.0 18.0 54.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#78

n-propylbenzene

Concen: 12.072 ug/l

RT: 11.62 min Scan# 1125

Delta R.T. -0.06 min

Lab File: VF059731.D

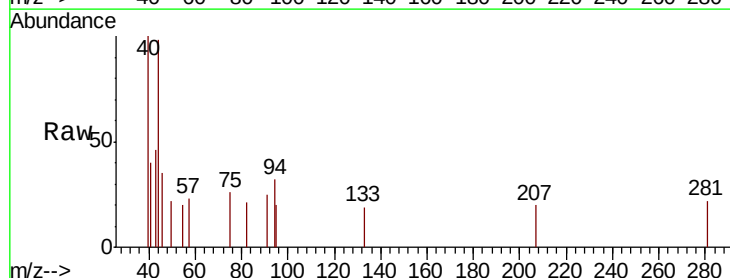
Acq: 1 Aug 2018 3:12

Tgt Ion: 91 Resp: 79

Ion Ratio Lower Upper

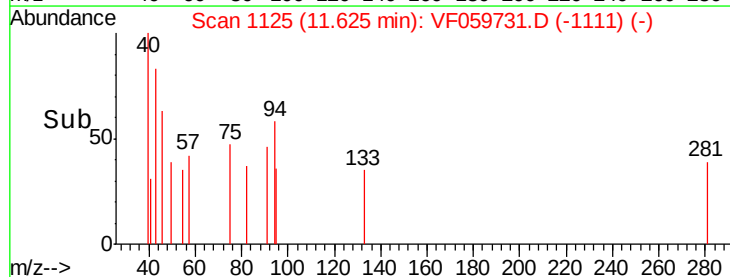
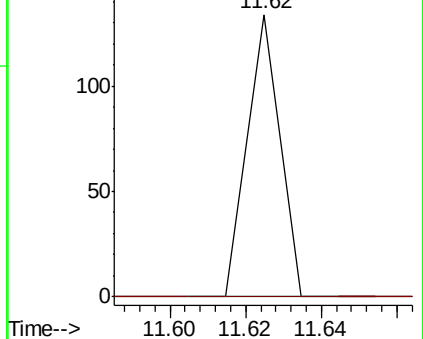
91 100

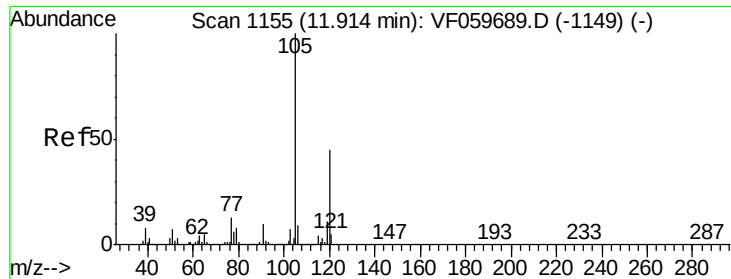
120 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 34.832 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. 0.01 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampled :

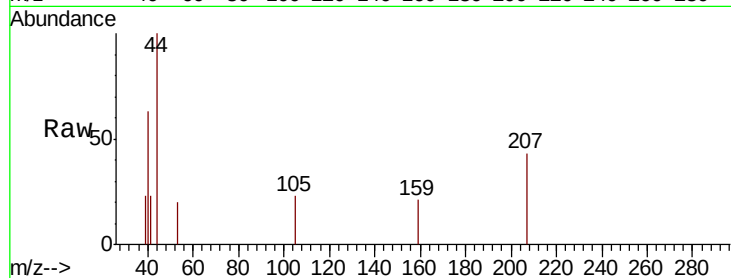
TP-15-DRE

Tot Ion:105 Resp: 140

Ion Ratio Lower Upper

105 100

120 0.0 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.92

100

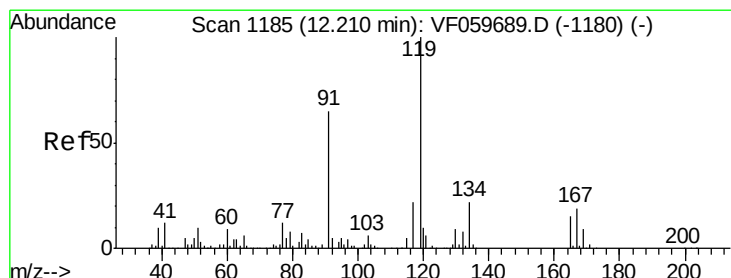
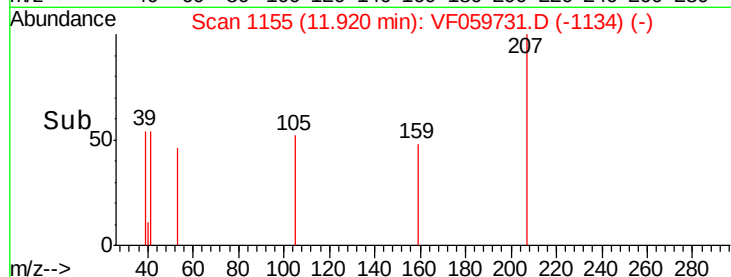
50

0

Time-->

11.90

11.95



#83

tert-Butylbenzene

Concen: 16.060 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. 0.09 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

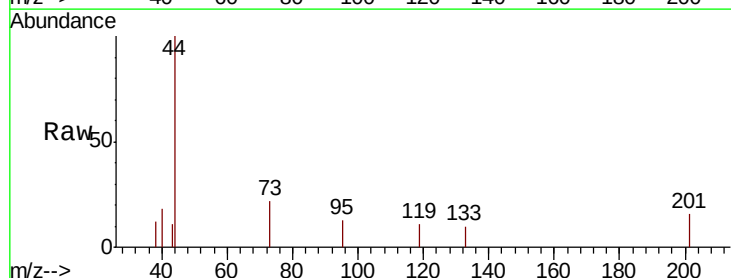
Tgt Ion:119 Resp: 70

Ion Ratio Lower Upper

119 100

91 0.0 32.8 98.4#

134 0.0 10.9 32.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

200

150

100

50

0

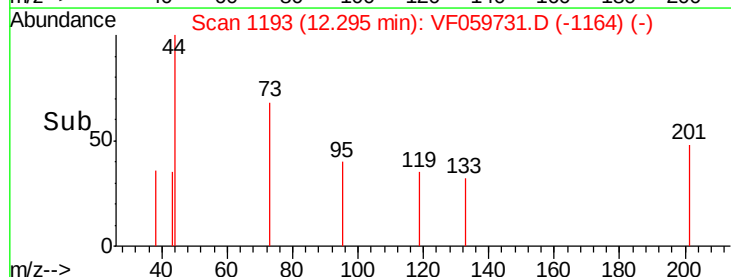
Time-->

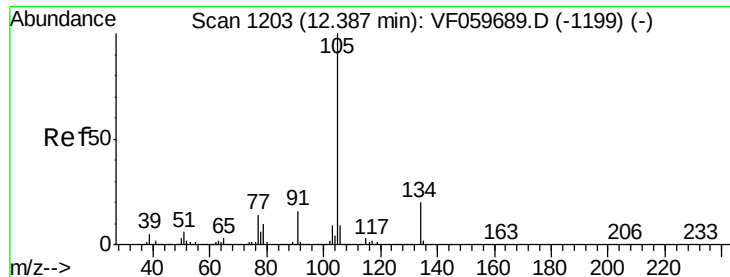
12.26

12.28

12.30

12.32





#85

sec-Butylbenzene

Concen: 7.972 ug/l

RT: 12.48 min Scan# 1212

Delta R.T. 0.10 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

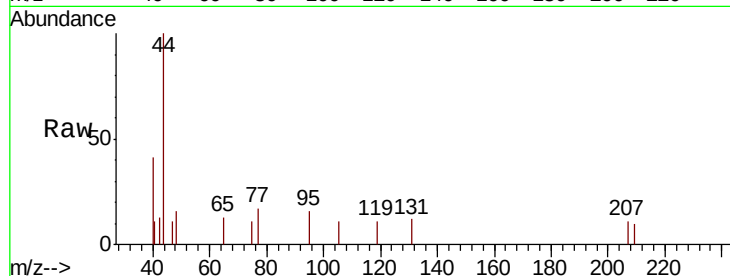
TP-15-DRE

Tot Ion:105 Resp: 62

Ion Ratio Lower Upper

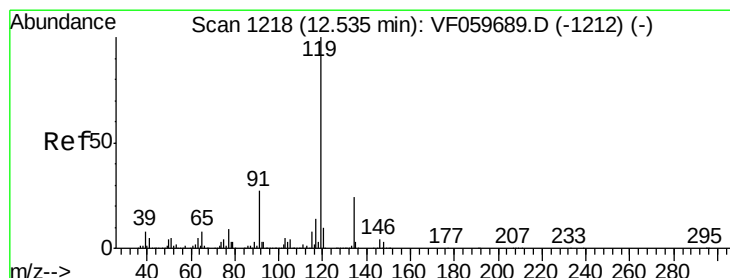
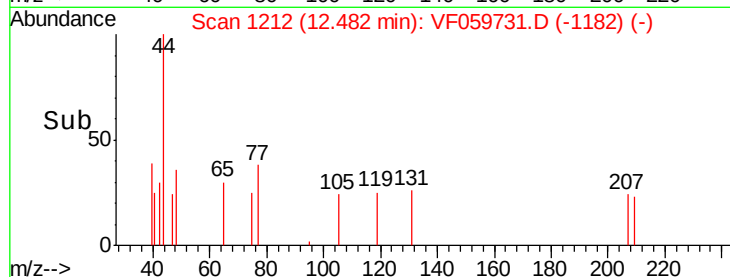
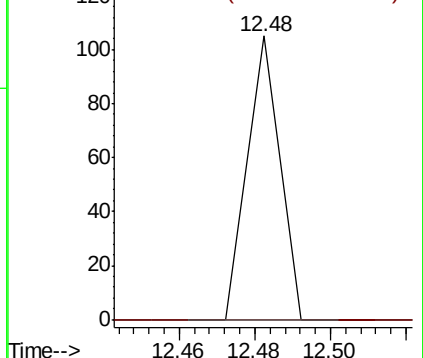
105 100

134 0.0 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.109 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.10 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

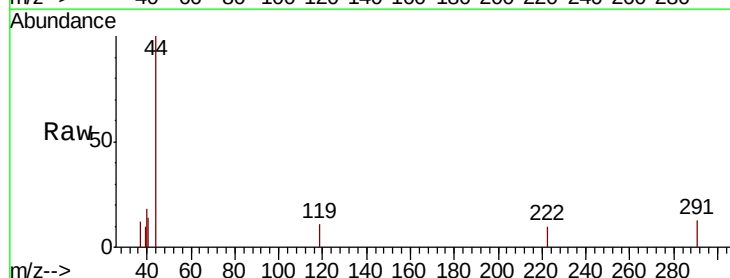
Tgt Ion:119 Resp: 63

Ion Ratio Lower Upper

119 100

134 0.0 12.2 36.6#

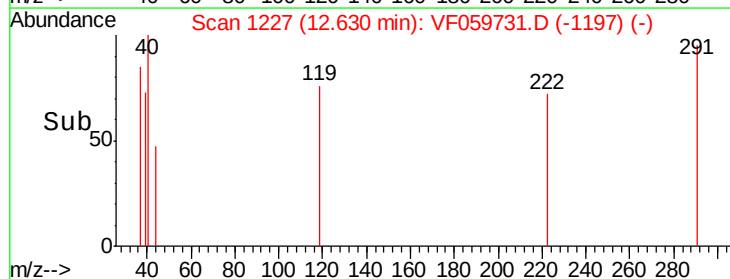
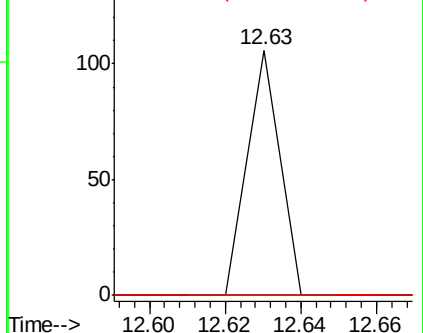
91 0.0 13.4 40.2#

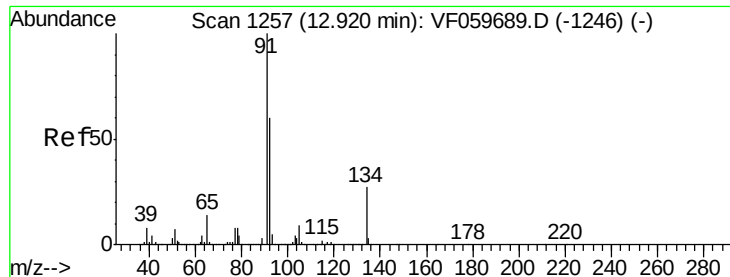


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#89

n-Butylbenzene

Concen: 28.474 ug/l

RT: 12.93 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampled :

TP-15-DRE

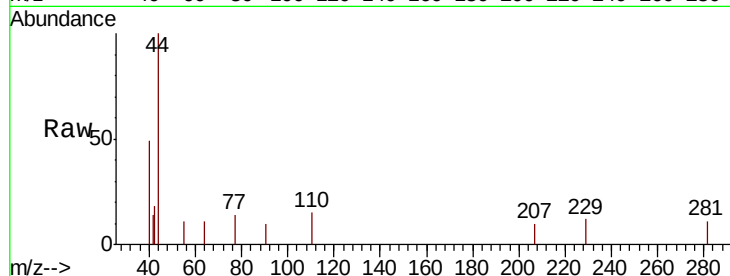
Tot Ion: 91 Resp: 127

Ion Ratio Lower Upper

91 100

92 0.0 30.1 90.3#

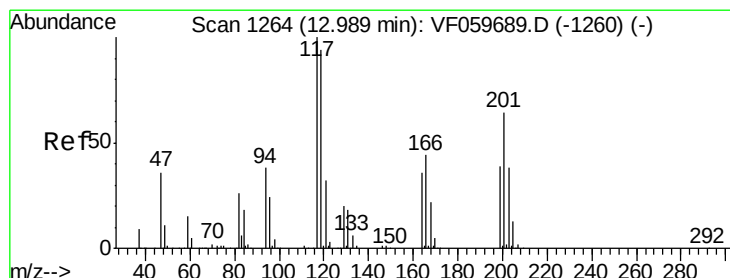
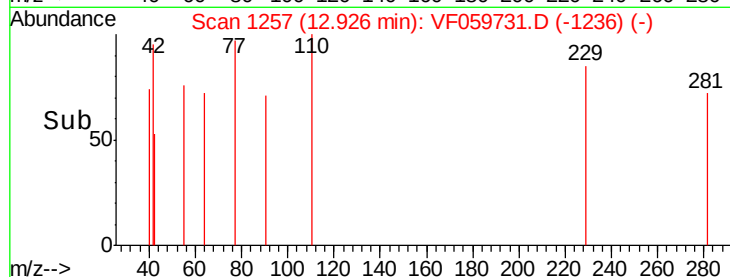
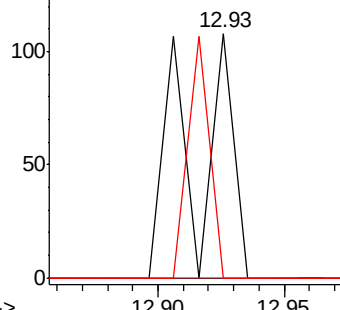
134 0.0 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 59.608 ug/l

RT: 12.91 min Scan# 1255

Delta R.T. -0.08 min

Lab File: VF059731.D

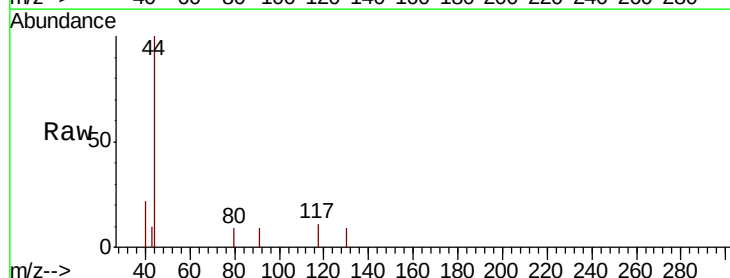
Acq: 1 Aug 2018 3:12

Tgt Ion: 117 Resp: 73

Ion Ratio Lower Upper

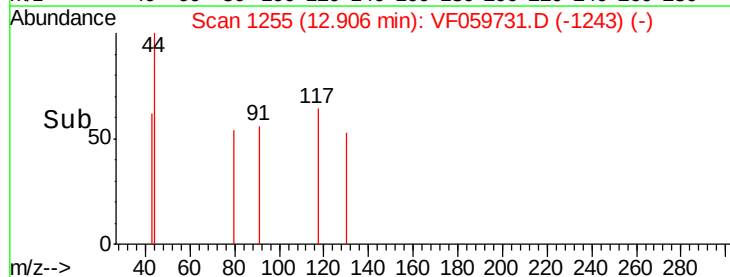
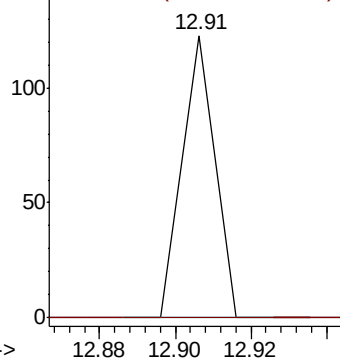
117 100

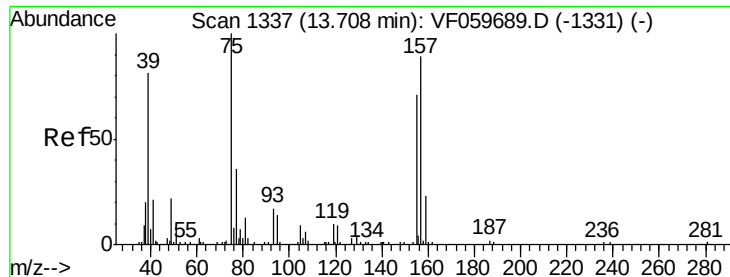
201 0.0 31.9 95.5#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 371.472 ug/l

RT: 13.73 min Scan# 1339

Delta R.T. 0.03 min

Lab File: VF059731.D

Acq: 1 Aug 2018 3:12

Instrument :

MSVOA_F

ClientSampleId :

TP-15-DRE

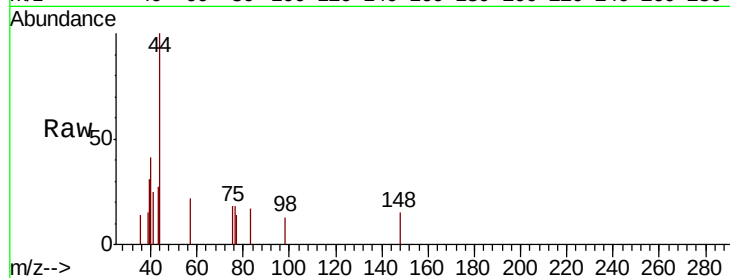
Tot Ion: 75 Resp: 83

Ion Ratio Lower Upper

75 100

155 0.0 35.4 106.2#

157 0.0 44.4 133.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

