

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059729.D
 Acq On : 1 Aug 2018 2:17
 Operator : VA/AP
 Sample : J3831-03RE
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-072718RE

Quant Time: Aug 01 07:37:10 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	5.06	168	335	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.77	114	326	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	148	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.66	152	66	50.00	ug/l	0.03

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	102	16.94	ug/l	0.02
Spiked Amount	50.000		Recovery	=	33.88%	
35) Dibromofluoromethane	4.27	113	59	17.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	34.84%	
50) Toluene-d8	7.72	98	450	56.99	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.98%	
62) 4-Bromofluorobenzene	11.57	95	60	13.73	ug/l	0.07
Spiked Amount	50.000		Recovery	=	27.46%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.21	62	63	28.774	ug/l #	47
6) Chloroethane	1.47	64	83	67.179	ug/l #	35
7) Trichlorofluoromethane	1.64	101	75	11.988	ug/l #	18
8) Diethyl Ether	1.81	74	66	61.699	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.96	101	78	23.805	ug/l #	22
10) Methyl Iodide	1.86	142	64	10.919	ug/l #	20
11) Tert butyl alcohol	2.62	59	105	433.607	ug/l #	74
12) 1,1-Dichloroethene	1.91	96	59	22.742	ug/l #	1
13) Acrolein	2.10	56	80	604.801	ug/l #	4
14) Allyl chloride	2.22	41	84	20.280	ug/l #	1
15) Acrylonitrile	3.24	53	63	161.973	ug/l #	7
16) Acetone	2.39	43	70	64.639	ug/l #	68
17) Carbon Disulfide	1.76	76	140	23.451	ug/l #	71
18) Methyl Acetate	2.39	43	70	40.723	ug/l #	64
19) Methyl tert-butyl Ether	2.53	73	63	7.963	ug/l #	60
21) trans-1,2-Dichloroethene	2.45	96	73	31.184	ug/l #	1
22) Diisopropyl ether	2.94	45	109	12.444	ug/l #	33
23) Vinyl Acetate	3.34	43	105	23.316	ug/l #	83
24) 1,1-Dichloroethane	2.88	63	79	12.982	ug/l #	91
25) 2-Butanone	4.44	43	174	143.974	ug/l #	74
26) 2,2-Dichloropropane	3.76	77	75	17.288	ug/l #	66
27) cis-1,2-Dichloroethene	3.64	96	81	24.856	ug/l #	29
28) Bromochloromethane	3.81	49	73	32.872	ug/l #	15
29) Tetrahydrofuran	4.29	42	256	551.131	ug/l #	64
30) Chloroform	3.99	83	117	13.622	ug/l #	20
31) Cyclohexane	3.93	56	72	22.112	ug/l #	15
36) 1,1-Dichloropropene	4.60	75	96	27.294	ug/l #	46
37) Ethyl Acetate	4.21	43	253	166.297	ug/l #	19
38) Carbon Tetrachloride	4.02	117	77	14.856	ug/l #	14
39) Methylcyclohexane	5.54	83	67	24.405	ug/l #	13
40) Benzene	4.81	78	108	16.405	ug/l #	52
41) Methacrylonitrile	4.99	41	61	75.778	ug/l #	24
42) 1,2-Dichloroethane	5.02	62	67	14.542	ug/l #	85
43) Isopropyl Acetate	7.13	43	235	120.555	ug/l #	46

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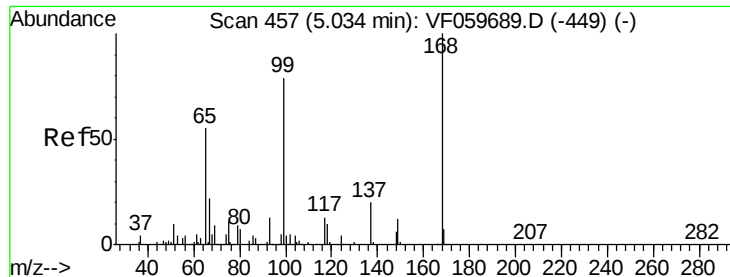
Instrument :
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Quant Time: Aug 01 07:37:10 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	6.47	63	69	39.687	ug/l #	43
46) Dibromomethane	6.24	93	67	40.590	ug/l #	8
48) Methyl methacrylate	6.89	41	72	49.105	ug/l #	13
51) 4-Methyl-2-Pentanone	8.43	43	256	172.640	ug/l #	42
53) t-1,3-Dichloropropene	8.50	75	111	28.459	ug/l #	41
54) cis-1,3-Dichloropropene	7.44	75	65	17.205	ug/l #	18
55) 1,1,2-Trichloroethane	8.57	97	63	35.333	ug/l #	14
56) Ethyl methacrylate	8.91	69	63	33.881	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.78	63	60	279.472	ug/l	100
59) 2-Hexanone	9.71	43	126	106.035	ug/l	94
64) Tetrachloroethene	8.46	164	69	70.911	ug/l #	1
65) Chlorobenzene	9.94	112	70	23.644	ug/l #	43
67) Ethyl Benzene	9.86	91	89	17.375	ug/l #	1
69) o-Xylene	10.87	106	61	32.319	ug/l #	1
73) Isopropylbenzene	11.16	105	64	14.779	ug/l #	50
74) N-amyl acetate	11.50	43	95	86.952	ug/l #	48
77) Bromobenzene	11.48	156	64	56.595	ug/l #	1
78) n-propylbenzene	11.68	91	72	12.458	ug/l #	54
79) 2-Chlorotoluene	11.78	91	73	23.833	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.06	75	70	243.842	ug/l #	66
82) 4-Chlorotoluene	11.99	91	90	28.427	ug/l #	44
83) tert-Butylbenzene	12.22	119	66	16.977	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.30	105	83	21.204	ug/l #	33
85) sec-Butylbenzene	12.30	105	83	14.991	ug/l #	57
86) p-Isopropyltoluene	12.67	119	64	12.390	ug/l #	49
87) 1,3-Dichlorobenzene	12.71	146	63	31.958	ug/l #	24
88) 1,4-Dichlorobenzene	12.71	146	63	32.242	ug/l #	24
89) n-Butylbenzene	12.92	91	75	16.661	ug/l #	29
92) 1,2-Dibromo-3-Chloropropan	13.68	75	71	356.283	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.29	180	135	98.555	ug/l #	12
95) Naphthalene	14.50	128	77	27.060	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.03 min

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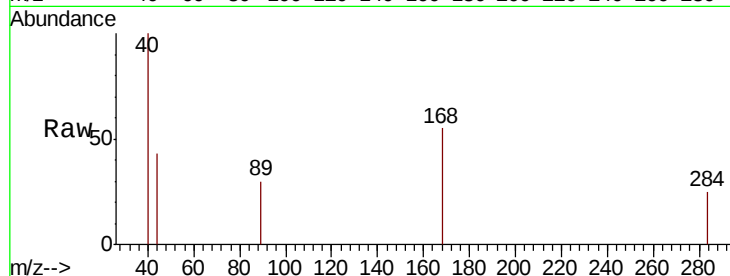
SU-03-072718RE

Tot Ion:168 Resp: 335

Ion Ratio Lower Upper

168 100

99 0.0 63.3 94.9#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250

200

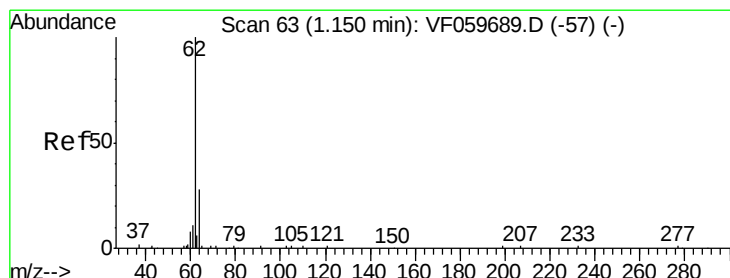
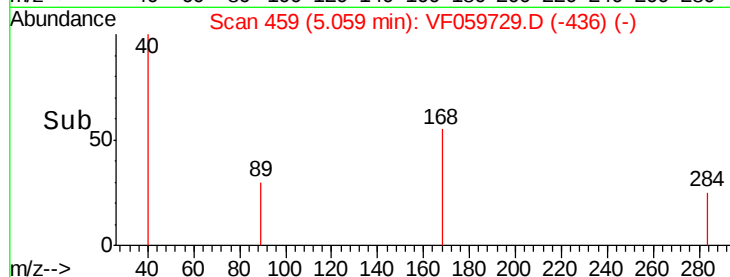
150

100

50

0

Time-->



#4

Vinyl Chloride

Concen: 28.774 ug/l

RT: 1.21 min Scan# 68

Delta R.T. 0.06 min

Lab File: VF059729.D

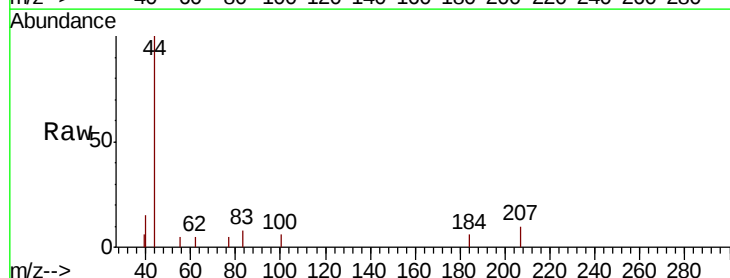
Acq: 1 Aug 2018 2:17

Tgt Ion: 62 Resp: 63

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

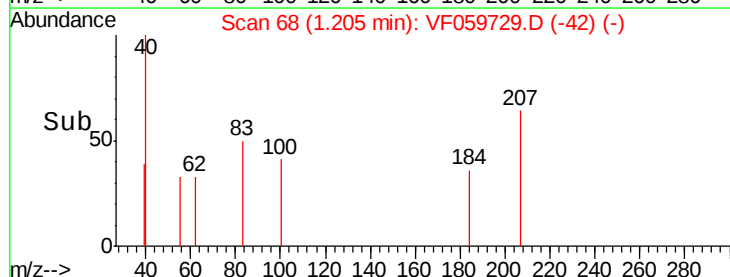
150

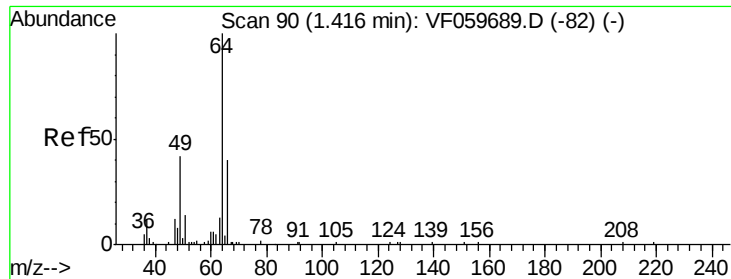
100

50

0

Time-->





#6

Chloroethane

Concen: 67.179 ug/l

RT: 1.47 min Scan# 95

Delta R.T. 0.06 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

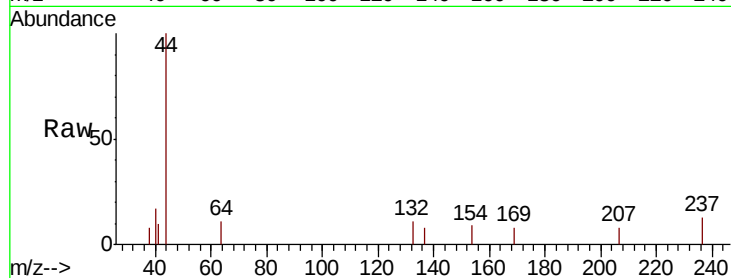
SU-03-072718RE

Tot Ion: 64 Resp: 83

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

200

150

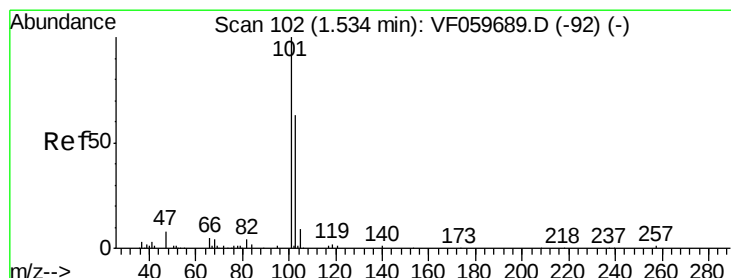
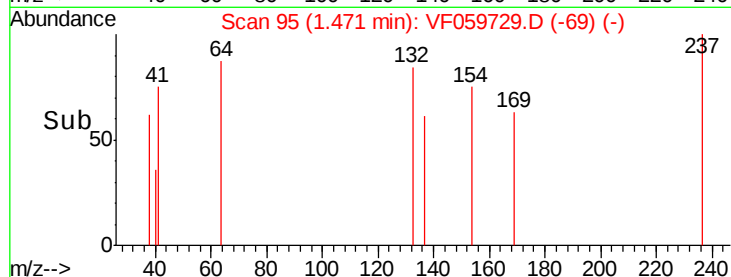
100

50

0

1.44 1.46 1.48 1.50

Time-->



#7

Trichlorofluoromethane

Concen: 11.988 ug/l

RT: 1.64 min Scan# 112

Delta R.T. 0.10 min

Lab File: VF059729.D

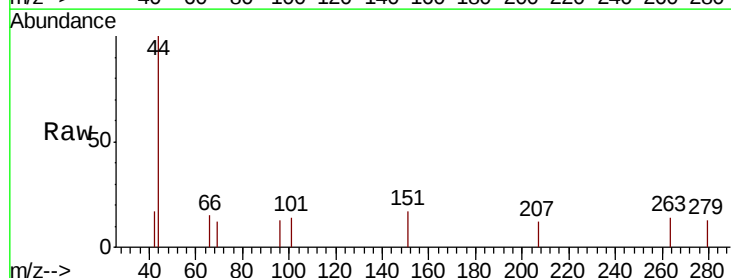
Acq: 1 Aug 2018 2:17

Tgt Ion:101 Resp: 75

Ion Ratio Lower Upper

101 100

103 0.0 50.8 76.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

150

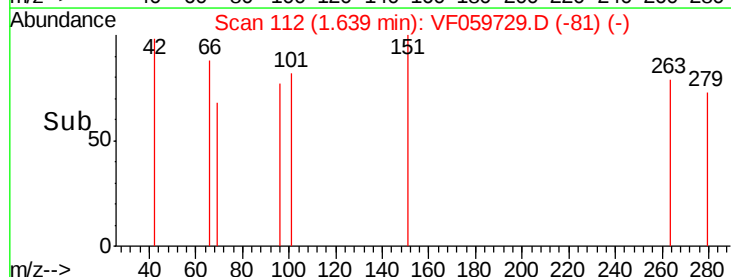
100

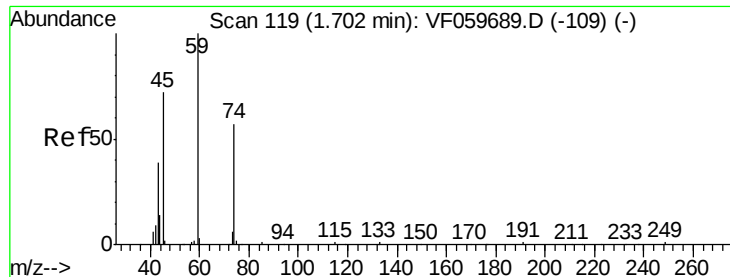
50

0

1.60 1.62 1.64 1.66

Time-->





#8

Diethyl Ether

Concen: 61.699 ug/l

RT: 1.81 min Scan# 129

Delta R.T. 0.10 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

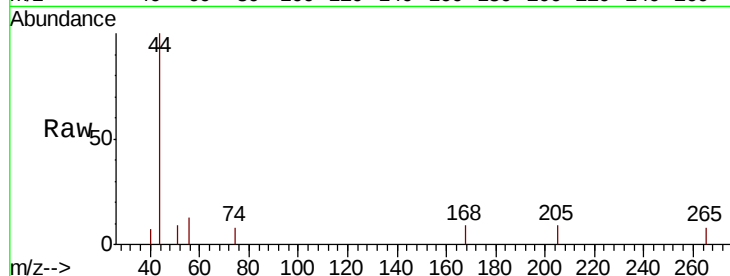
SU-03-072718RE

Tot Ion: 74 Resp: 66

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

1.81

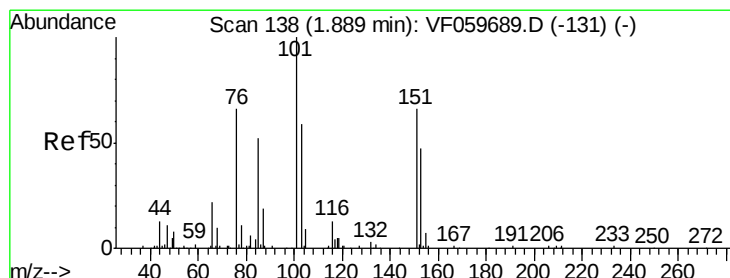
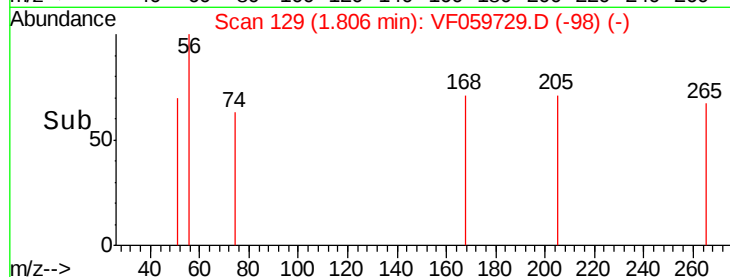
100

50

0

1.78 1.80 1.82 1.84

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.805 ug/l

RT: 1.96 min Scan# 145

Delta R.T. 0.07 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

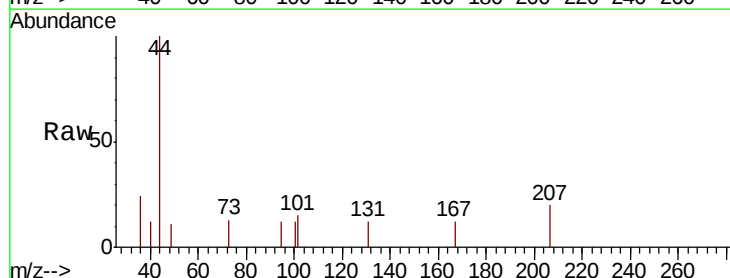
Tgt Ion: 101 Resp: 78

Ion Ratio Lower Upper

101 100

85 0.0 40.7 61.1#

151 0.0 51.4 77.2#



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

150

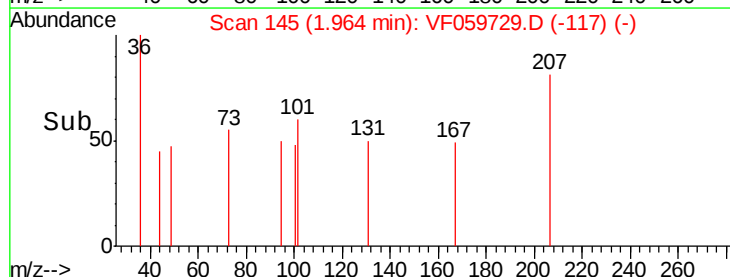
100

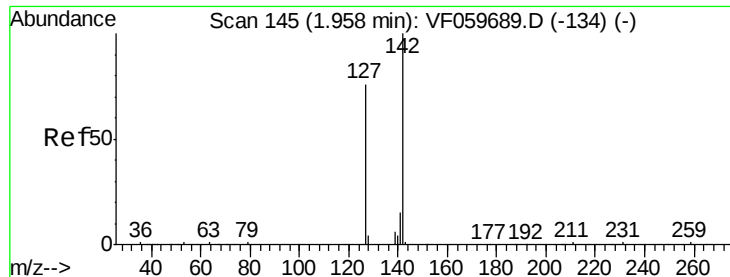
50

0

1.94 1.96 1.98

Time-->





#10

Methyl Iodide

Concen: 10.919 ug/l

RT: 1.86 min Scan# 134

Delta R.T. -0.10 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

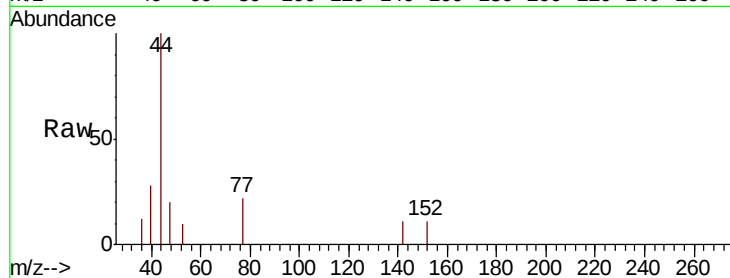
Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

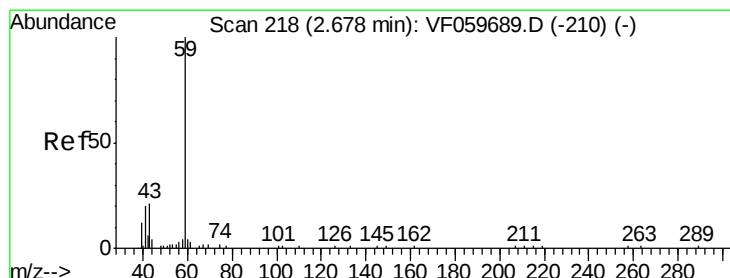
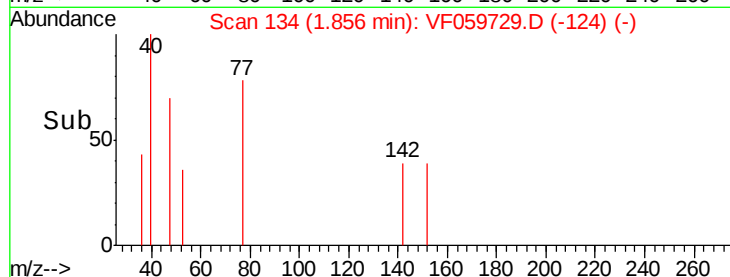
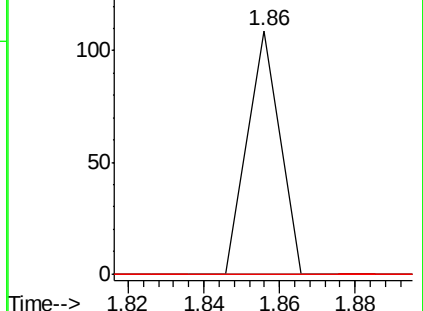
Tot Ion:	142	Resp:	64
Ion	Ratio	Lower	Upper
142	100		
127	0.0	60.6	91.0#
141	0.0	12.0	18.0#



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: 433.607 ug/l

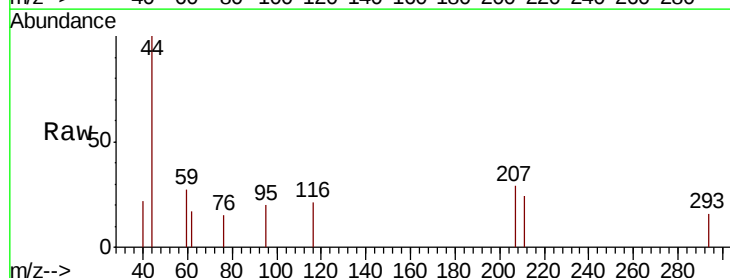
RT: 2.62 min Scan# 212

Delta R.T. -0.05 min

Lab File: VF059729.D

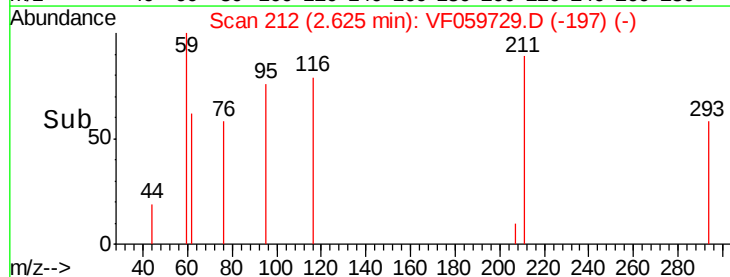
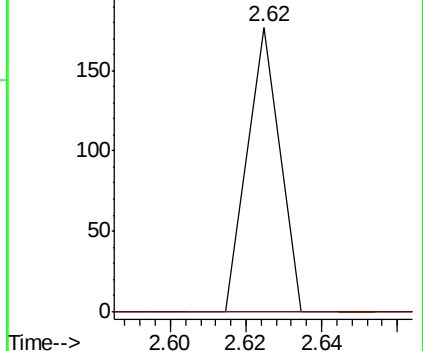
Acq: 1 Aug 2018 2:17

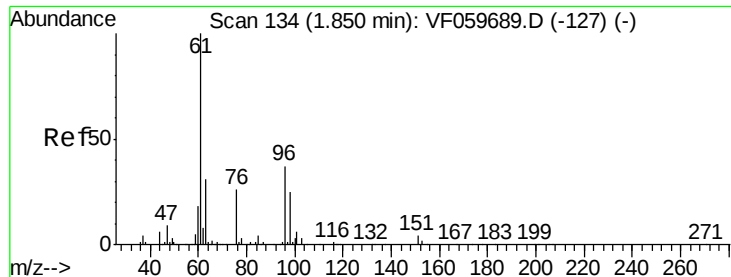
Tgt Ion:	59	Resp:	105
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#12

1,1-Dichloroethene

Concen: 22.742 ug/l

RT: 1.91 min Scan# 140

Delta R.T. 0.07 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

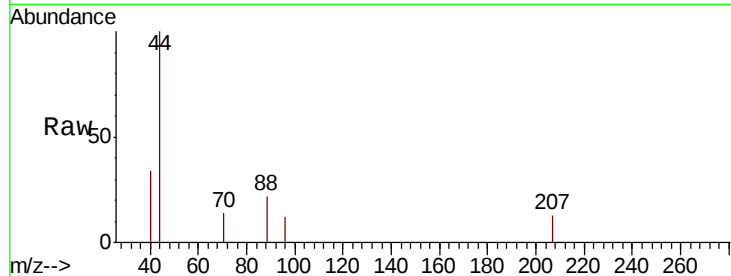
Instrument :

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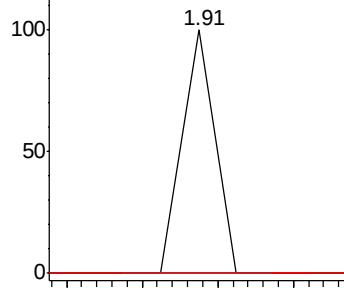
Tot Ion:	96	Resp:	59
Ion	Ratio	Lower	Upper
96	100		
61	0.0	215.1	322.7#
98	0.0	54.3	81.5#



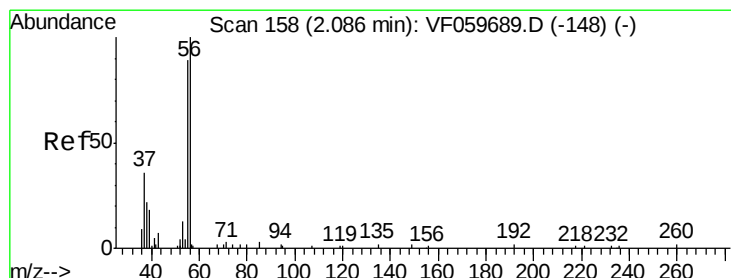
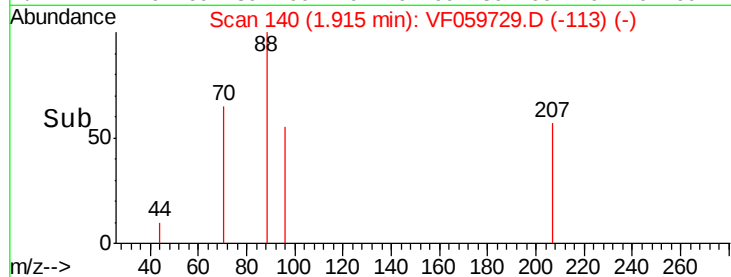
Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



Time-->



#13

Acrolein

Concen: 604.801 ug/l

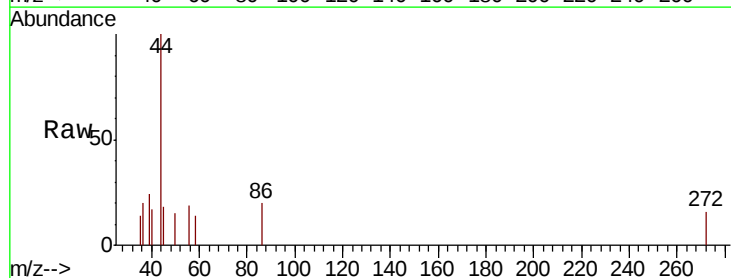
RT: 2.10 min Scan# 159

Delta R.T. 0.02 min

Lab File: VF059729.D

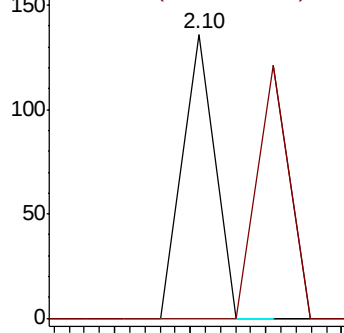
Acq: 1 Aug 2018 2:17

Tgt Ion:	56	Resp:	80
Ion	Ratio	Lower	Upper
56	100		
55	0.0	73.2	109.8#

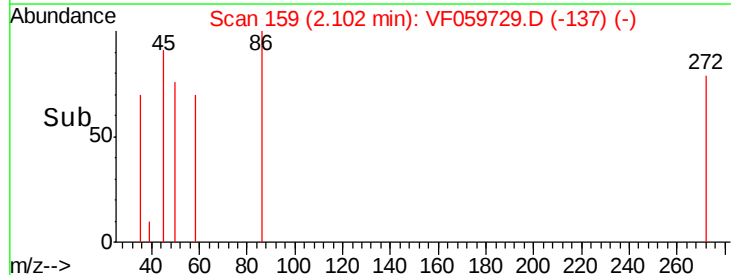


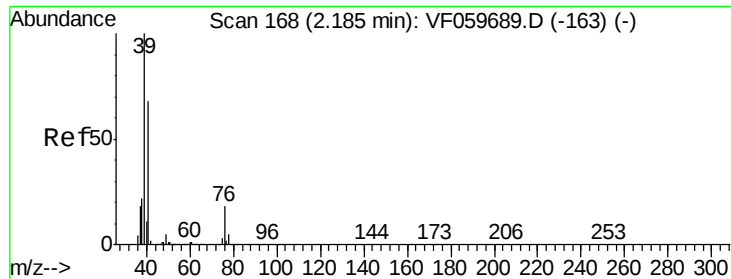
Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



Time-->

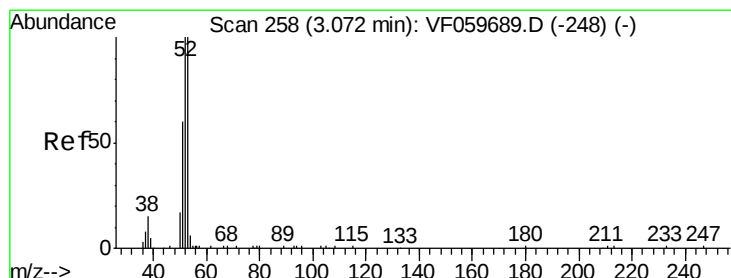
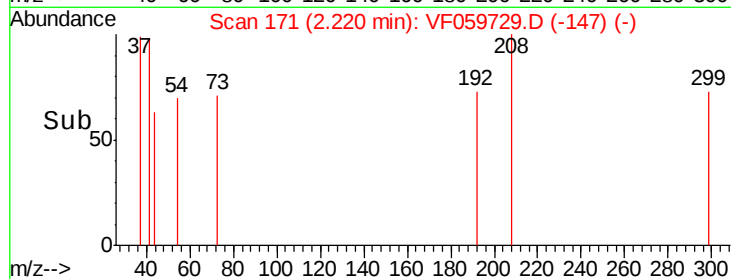
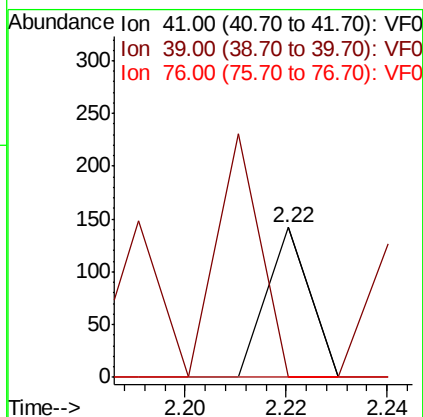
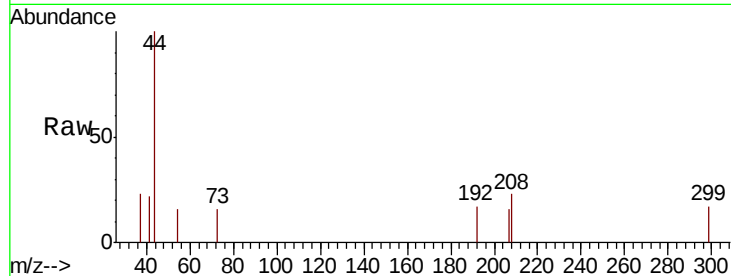




#14
Allvl chloride
Concen: 20.280 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.04 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

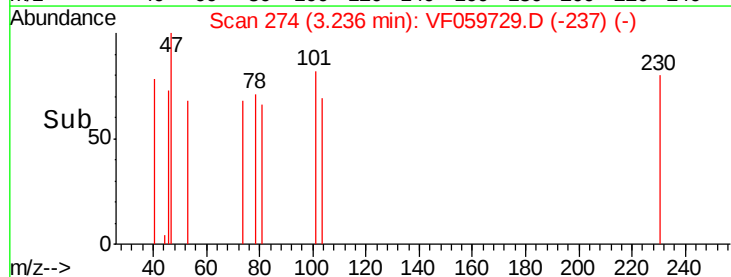
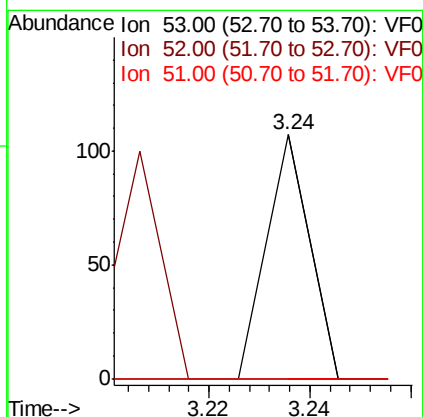
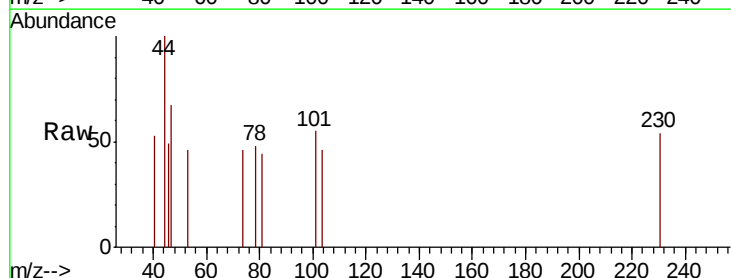
Instrument :
MSVOA_F
ClientSampleId :
SU-03-072718RE

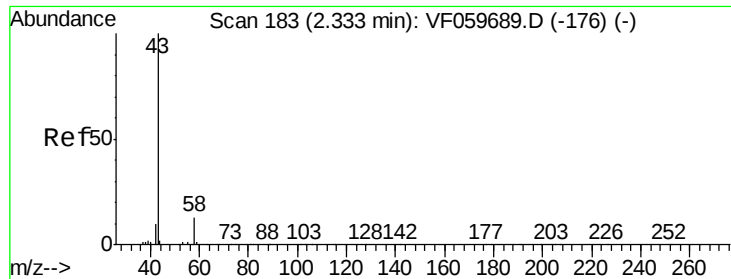
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	118.1	177.1#
76	0.0	22.0	33.0#



#15
Acrylonitrile
Concen: 161.973 ug/l
RT: 3.24 min Scan# 274
Delta R.T. 0.16 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Tgt Ion	Ratio	Lower	Upper
53	100		
52	0.0	80.3	120.5#
51	0.0	49.4	74.0#





#16

Acetone

Concen: 64.639 ug/l

RT: 2.39 min Scan# 188

Delta R.T. 0.06 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

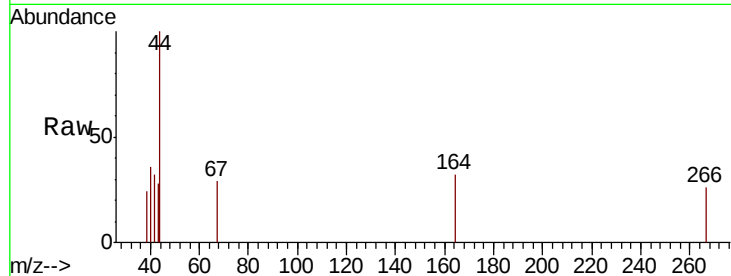
SU-03-072718RE

Tot Ion: 43 Resp: 70

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

150

100

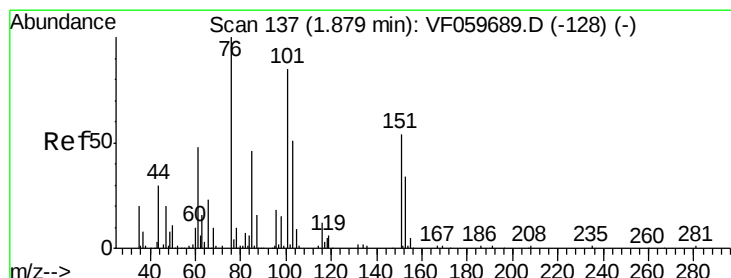
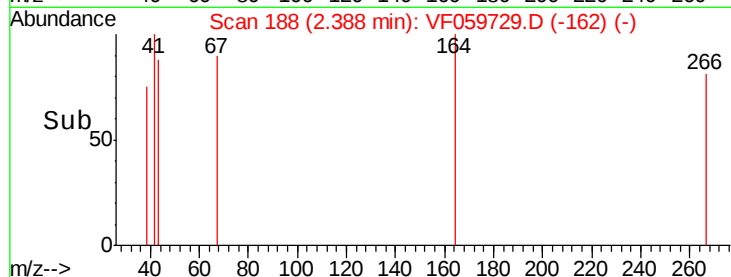
50

0

2.36 2.38 2.40 2.42

2.39

Time-->



#17

Carbon Disulfide

Concen: 23.451 ug/l

RT: 1.76 min Scan# 124

Delta R.T. -0.12 min

Lab File: VF059729.D

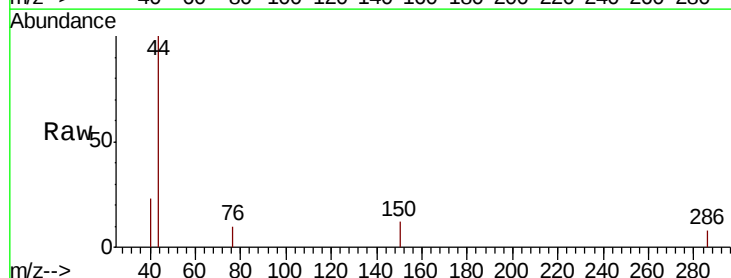
Acq: 1 Aug 2018 2:17

Tgt Ion: 76 Resp: 140

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

150

100

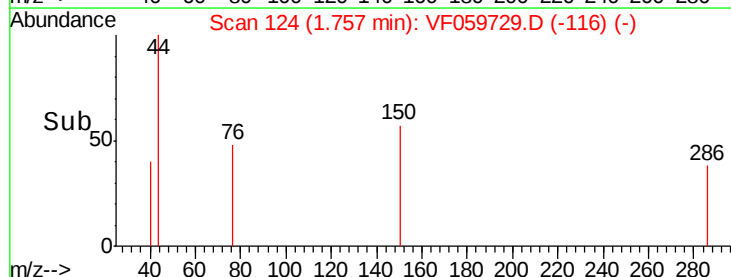
50

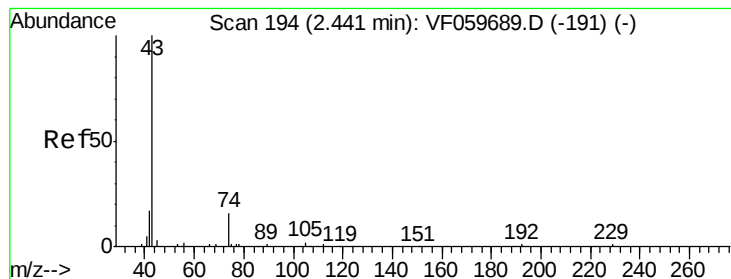
0

1.72 1.74 1.76 1.78 1.80

1.76

Time-->





#18

Methyl Acetate

Concen: 40.723 ug/l

RT: 2.39 min Scan# 188

Delta R.T. -0.05 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

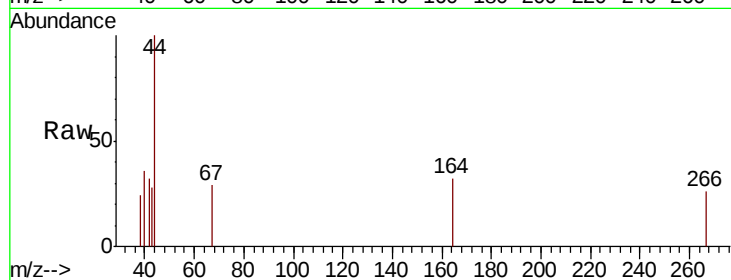
SU-03-072718RE

Tot Ion: 43 Resp: 70

Ion Ratio Lower Upper

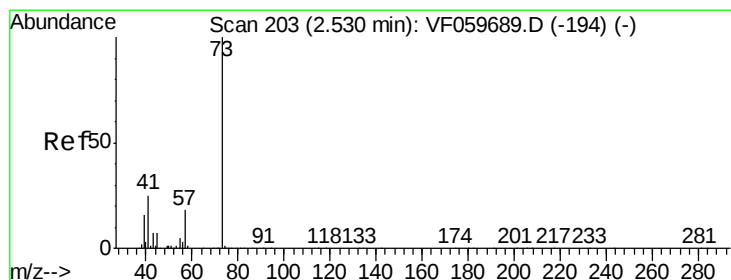
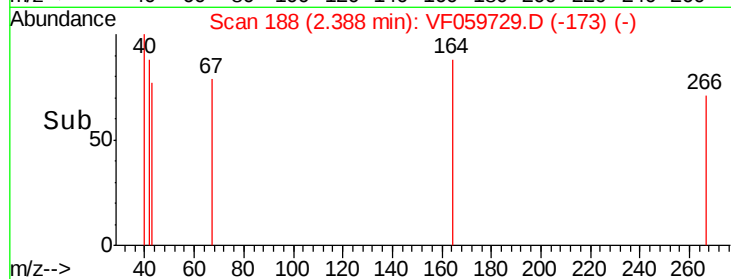
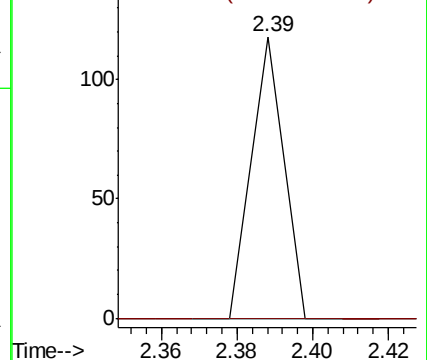
43 100

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



#19

Methyl tert-butyl Ether

Concen: 7.963 ug/l

RT: 2.53 min Scan# 202

Delta R.T. -0.00 min

Lab File: VF059729.D

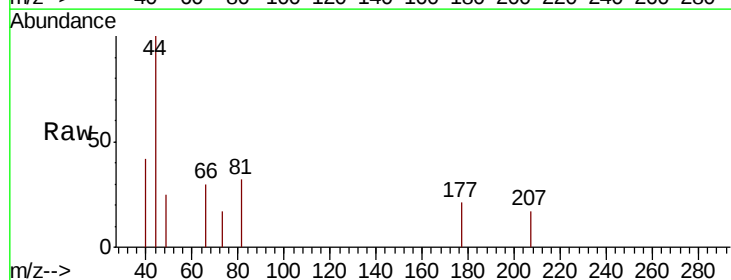
Acq: 1 Aug 2018 2:17

Tgt Ion: 73 Resp: 63

Ion Ratio Lower Upper

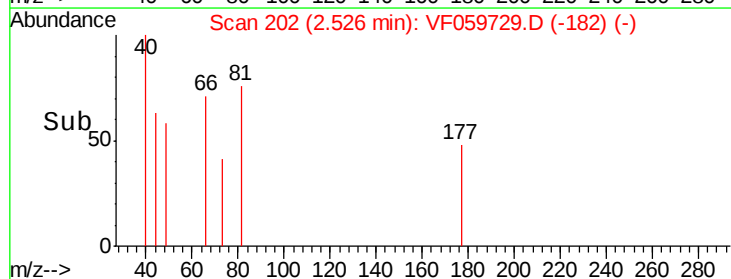
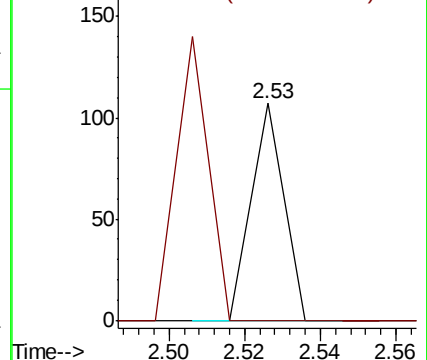
73 100

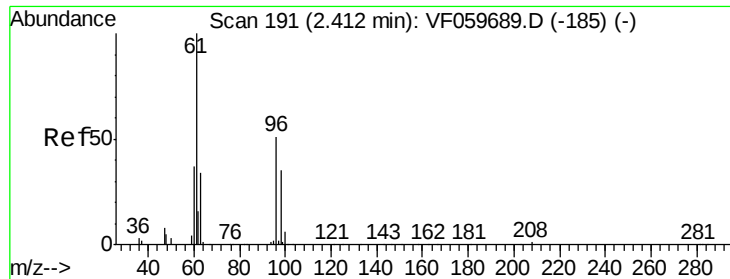
57 0.0 14.2 21.2#



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: 31.184 ug/l

RT: 2.45 min Scan# 194

Delta R.T. 0.04 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

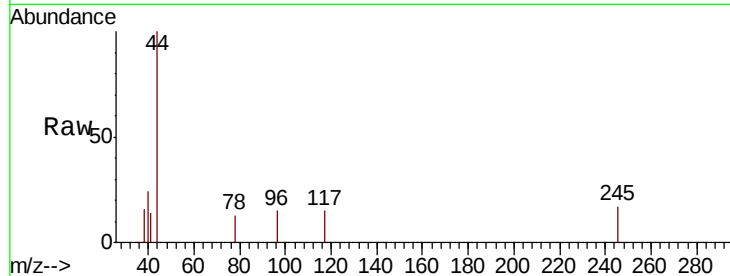
Tot Ion: 96 Resp: 73

Ion Ratio Lower Upper

96 100

61 0.0 157.4 236.0#

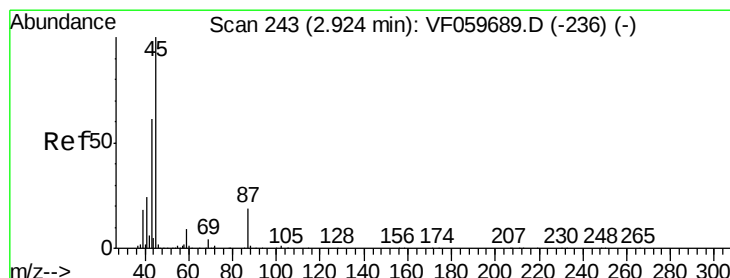
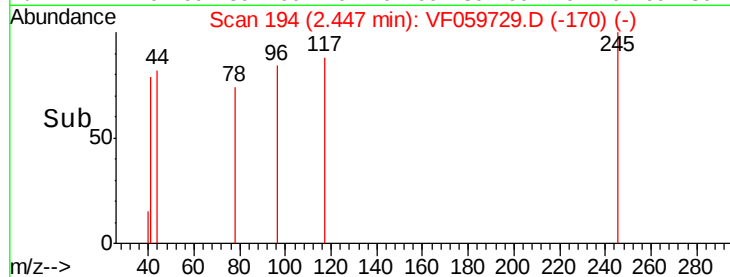
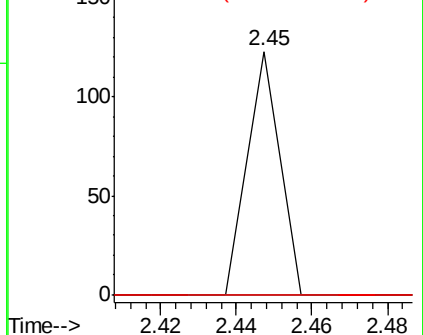
98 0.0 55.0 82.4#



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: 12.444 ug/l

RT: 2.94 min Scan# 244

Delta R.T. 0.02 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Tgt Ion: 45 Resp: 109

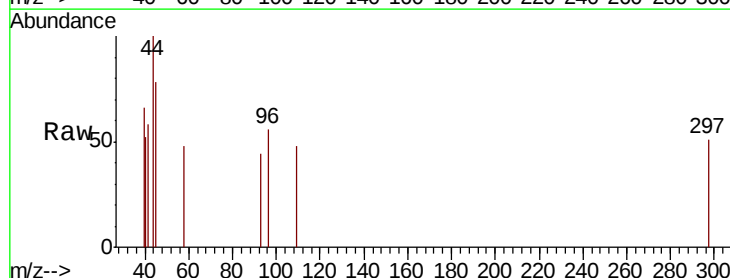
Ion Ratio Lower Upper

45 100

43 0.0 49.3 73.9#

87 0.0 15.3 22.9#

59 0.0 7.1 10.7#

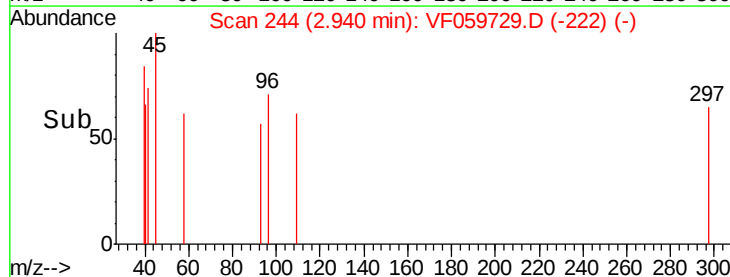
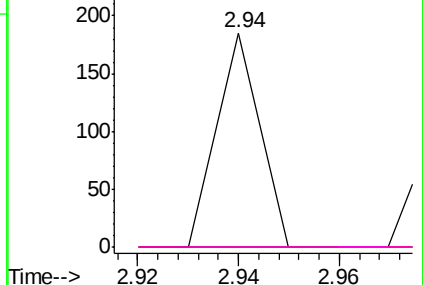


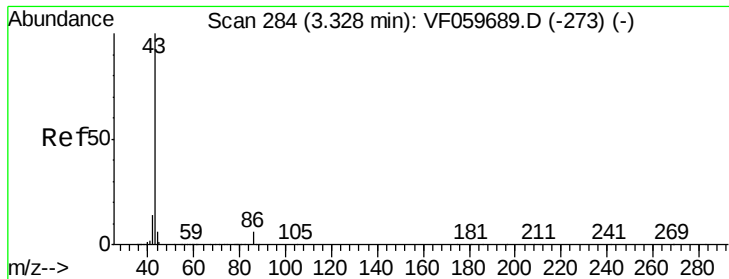
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 23.316 ug/l

RT: 3.34 min Scan# 285

Delta R.T. 0.02 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

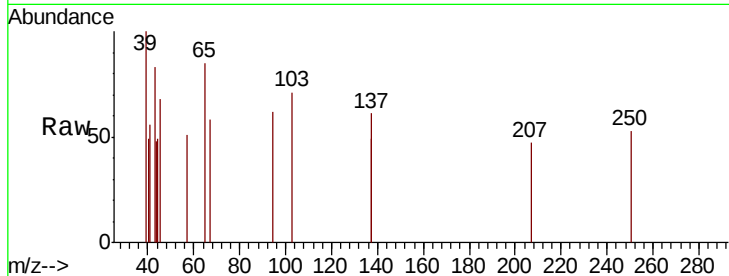
SU-03-072718RE

Tot Ion: 43 Resp: 105

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

3.34

150

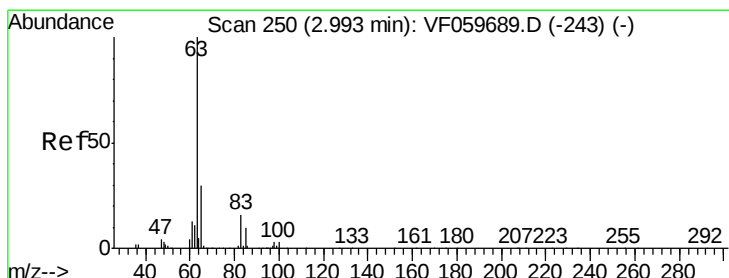
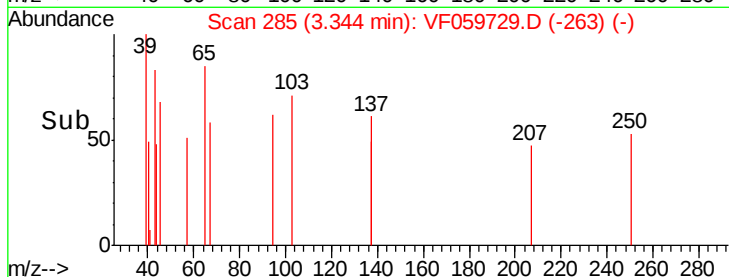
100

50

0

3.32 3.34 3.36

Time-->



#24

1,1-Dichloroethane

Concen: 12.982 ug/l

RT: 2.88 min Scan# 238

Delta R.T. -0.11 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

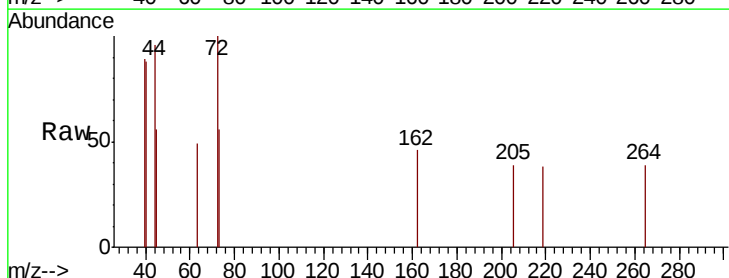
Tgt Ion: 63 Resp: 79

Ion Ratio Lower Upper

63 100

98 0.0 1.4 4.2#

100 0.0 1.6 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

150

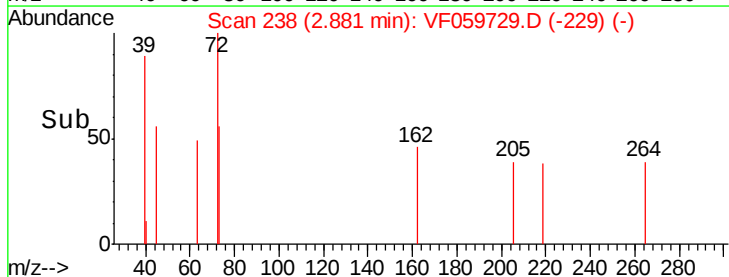
100

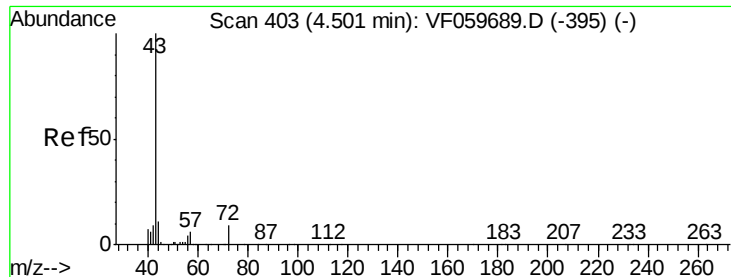
50

0

2.86 2.88 2.90

Time-->





#25

2-Butanone

Concen: 143.974 ug/l

RT: 4.44 min Scan# 396

Delta R.T. -0.06 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

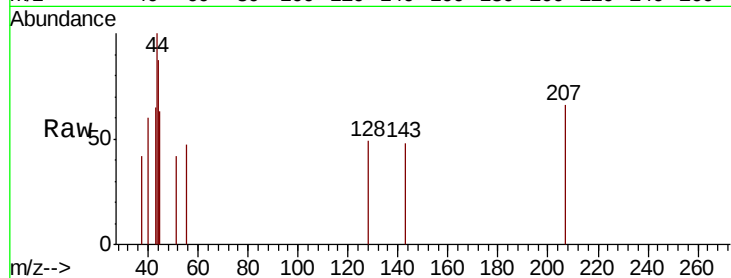
SU-03-072718RE

Tot Ion: 43 Resp: 174

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

4.44

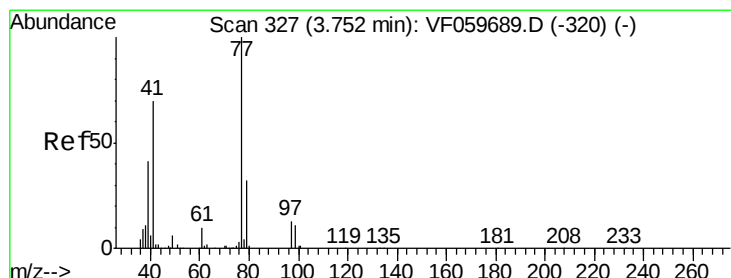
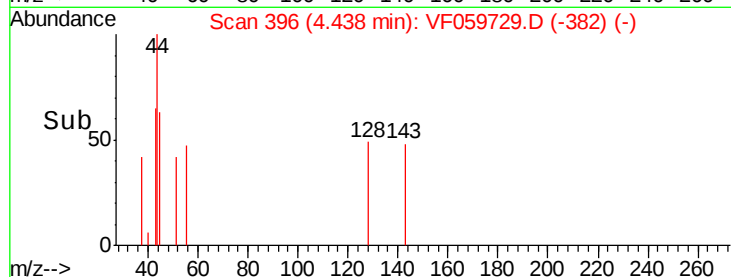
150

100

50

0

Time--> 4.40 4.42 4.44 4.46



#26

2,2-Dichloropropane

Concen: 17.288 ug/l

RT: 3.76 min Scan# 327

Delta R.T. 0.01 min

Lab File: VF059729.D

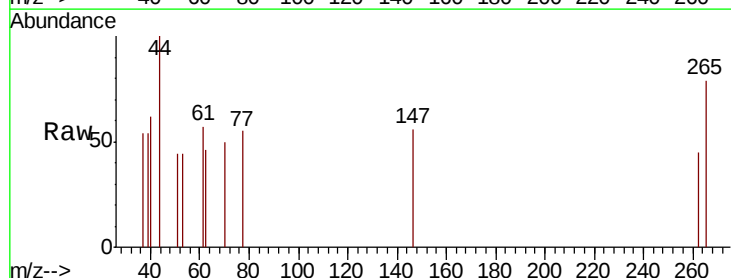
Acq: 1 Aug 2018 2:17

Tgt Ion: 77 Resp: 75

Ion Ratio Lower Upper

77 100

97 0.0 6.8 20.4#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.76

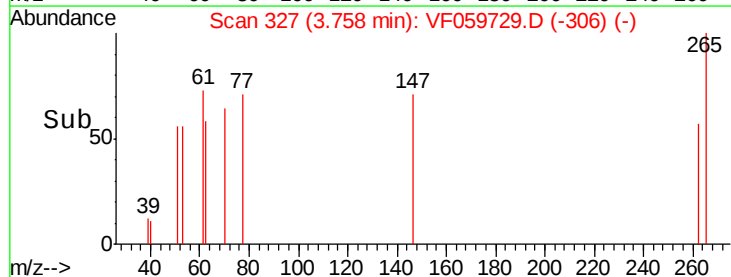
150

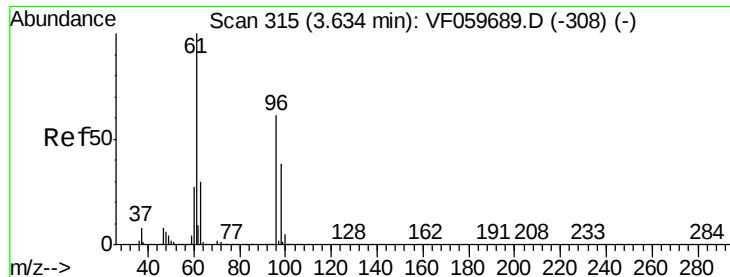
100

50

0

Time--> 3.72 3.74 3.76 3.78



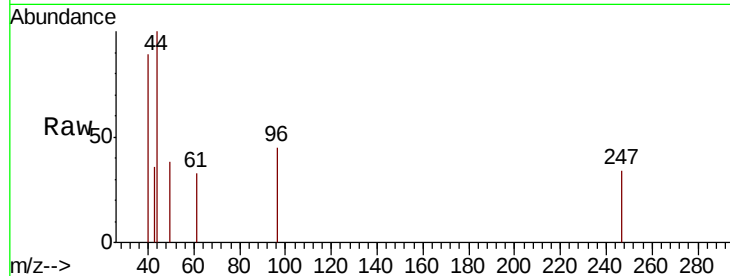


#27

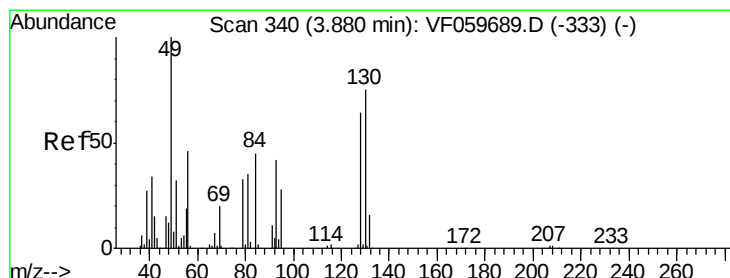
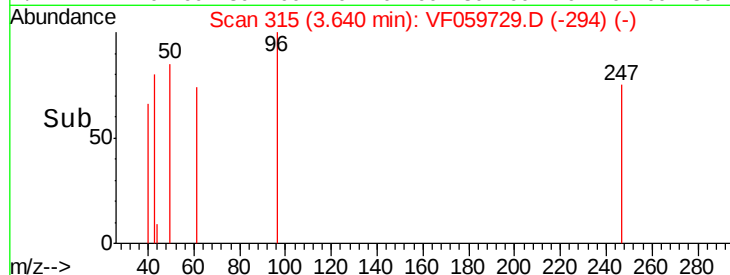
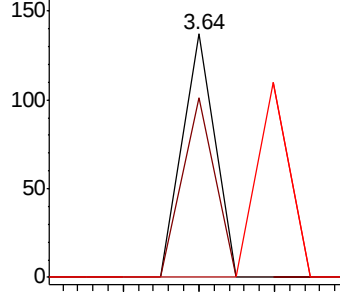
cis-1,2-Dichloroethene
 Concen: 24.856 ug/l
 RT: 3.64 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-072718RE

Tot Ion	Ratio	Lower	Upper
96	100		
61	73.7	0.0	326.8
98	0.0	0.0	125.2



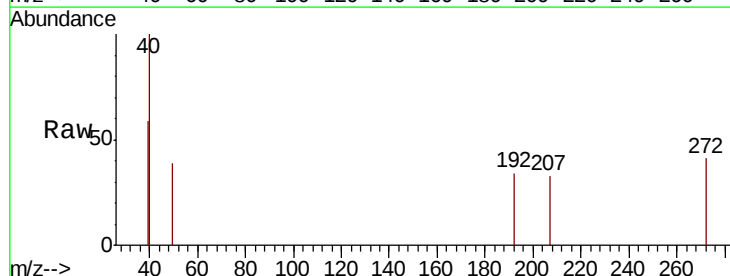
Abundance Ion 96.00 (95.70 to 96.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



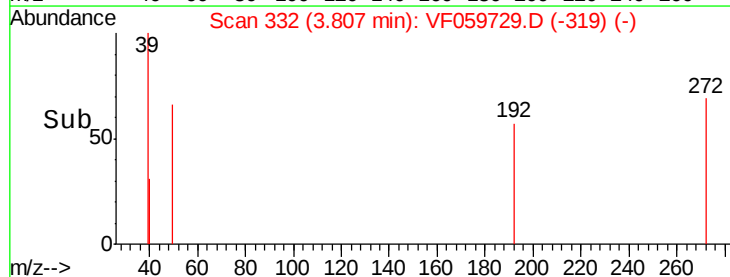
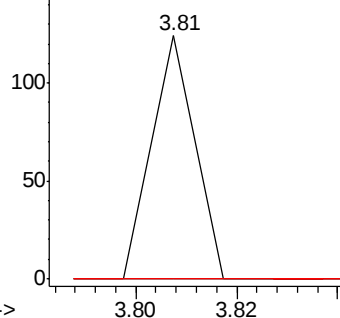
#28

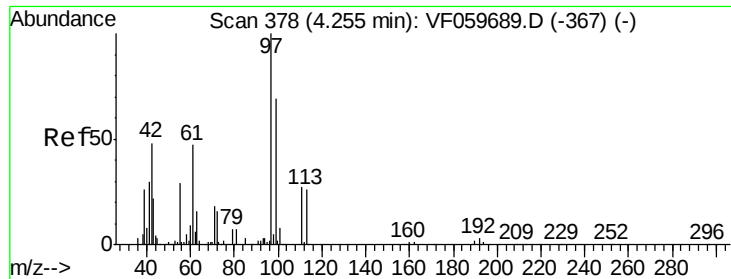
Bromochloromethane
 Concen: 32.872 ug/l
 RT: 3.81 min Scan# 332
 Delta R.T. -0.07 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	59.6	89.4#



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: 551.131 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.04 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

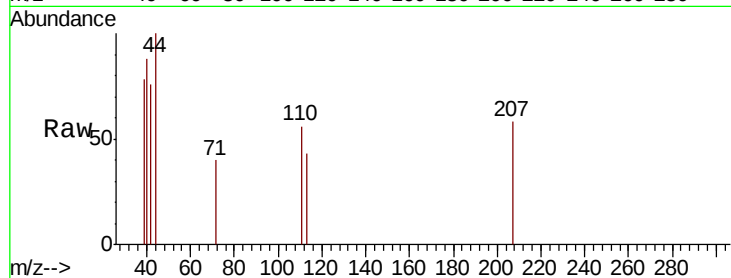
Tot Ion: 42 Resp: 256

Ion Ratio Lower Upper

42 100

72 0.0 27.0 40.6#

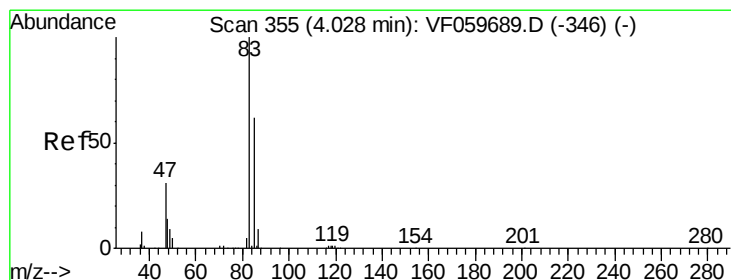
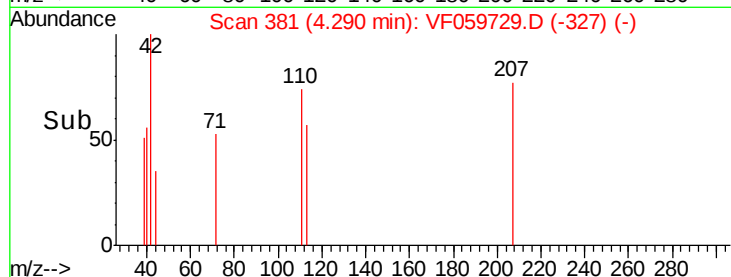
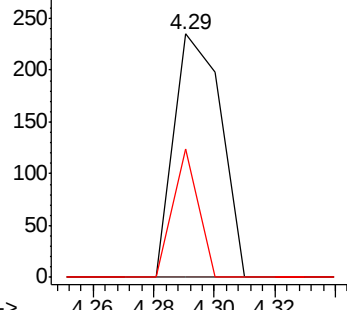
71 28.5 29.7 44.5#



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: 13.622 ug/l

RT: 3.99 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF059729.D

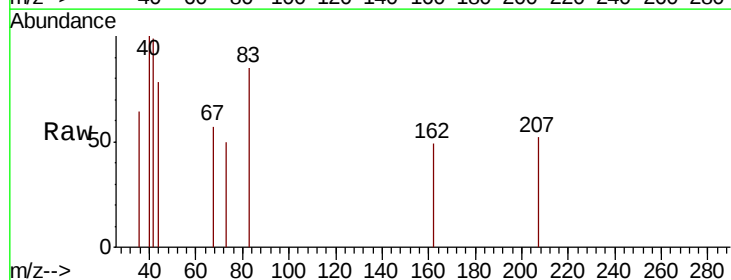
Acq: 1 Aug 2018 2:17

Tgt Ion: 83 Resp: 117

Ion Ratio Lower Upper

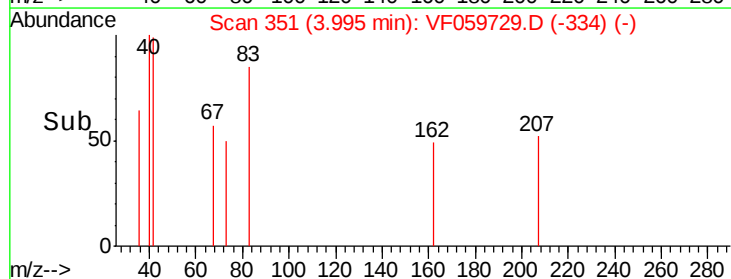
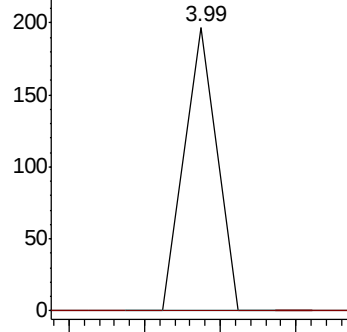
83 100

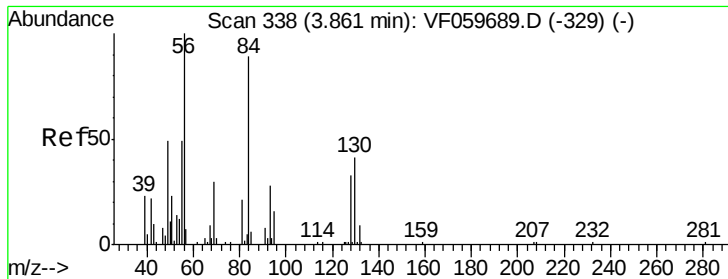
85 0.0 49.4 74.0#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0





#31

Cvclohexane

Concen: 22.112 ug/l

RT: 3.93 min Scan# 344

Delta R.T. 0.07 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

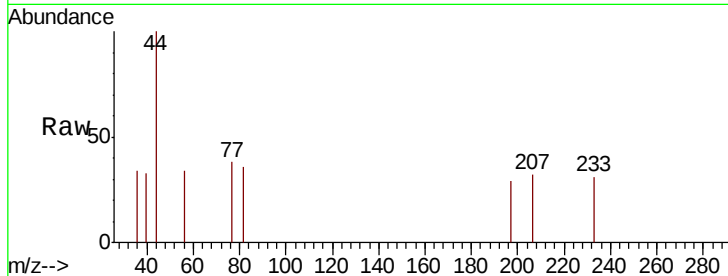
Tot Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

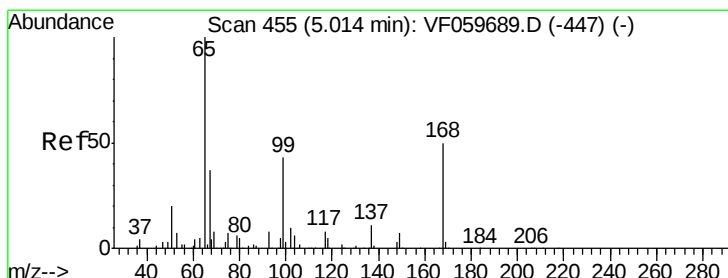
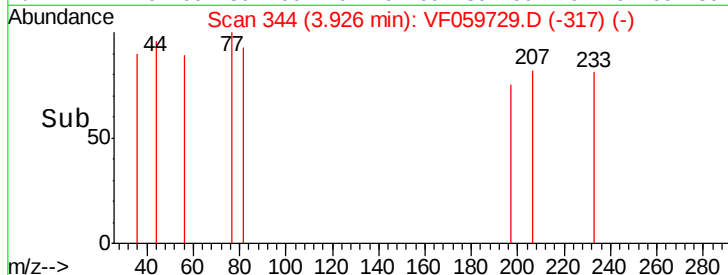
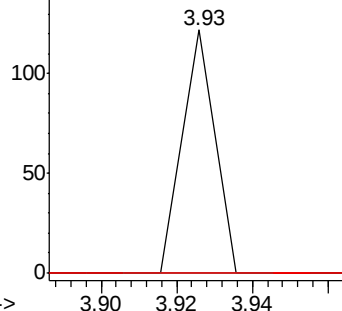
84 0.0 71.1 106.7#



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



#33

1,2-Dichloroethane-d4

Concen: 16.942 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF059729.D

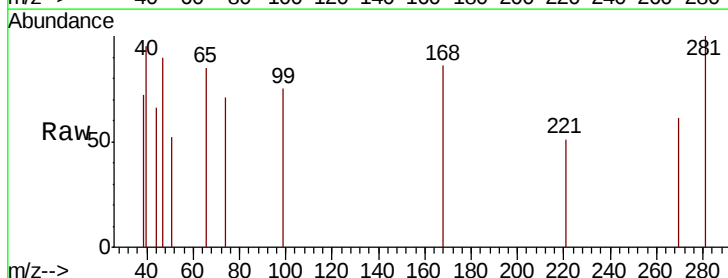
Acq: 1 Aug 2018 2:17

Tgt Ion: 65 Resp: 102

Ion Ratio Lower Upper

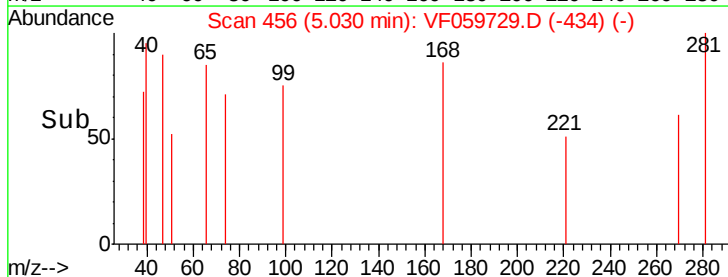
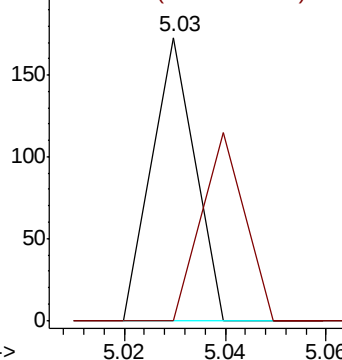
65 100

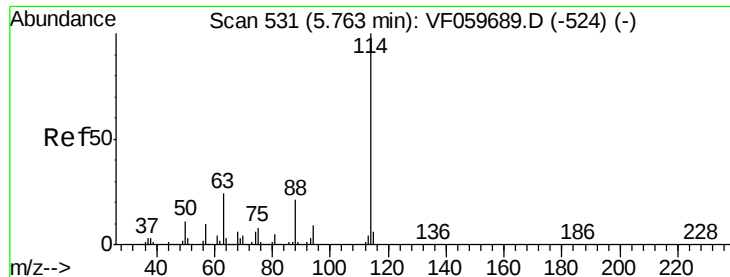
67 0.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

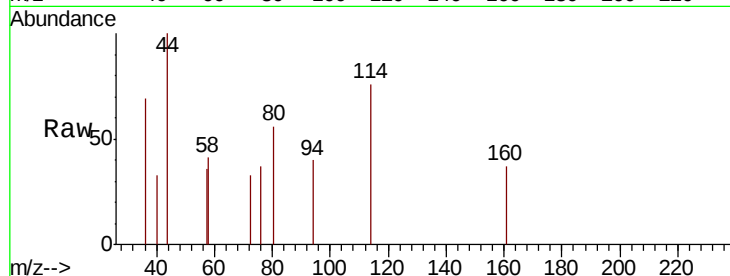




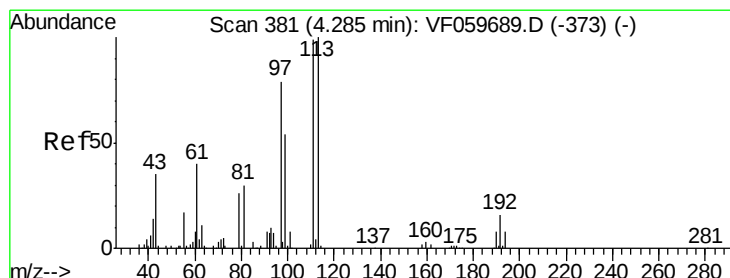
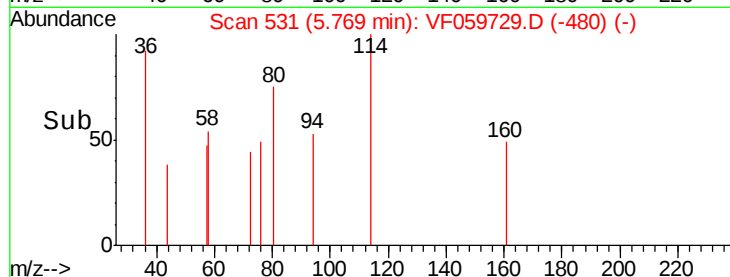
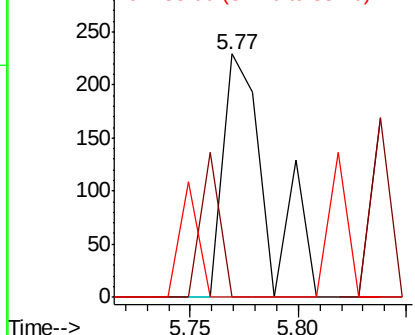
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-072718RE

Tot Ion:114 Resp: 326
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 47.4
 88 0.0 0.0 41.2

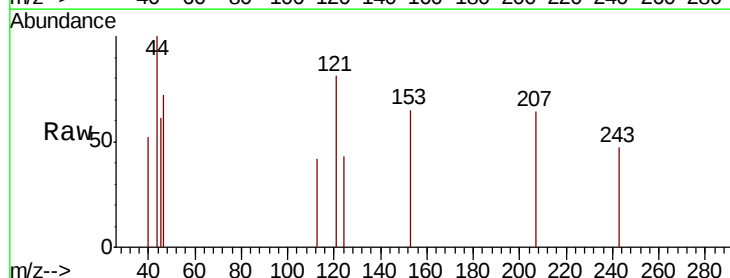


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

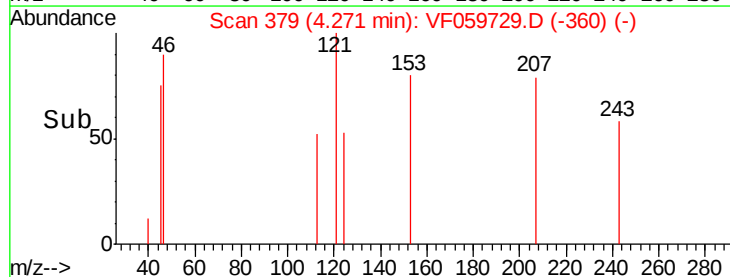
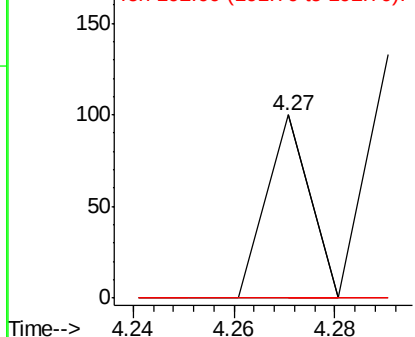


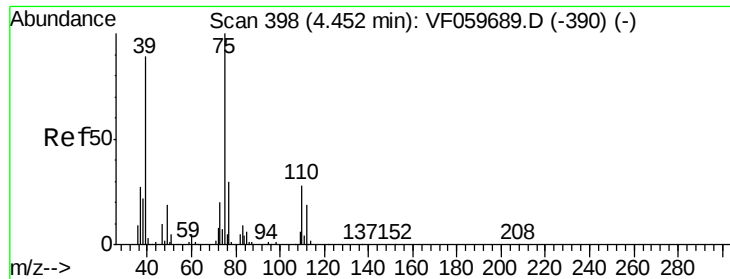
#35
 Dibromofluoromethane
 Concen: 17.425 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

Tgt Ion:113 Resp: 59
 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





#36

1,1-Dichloropropene

Concen: 27.294 ug/l

RT: 4.60 min Scan# 412

Delta R.T. 0.14 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

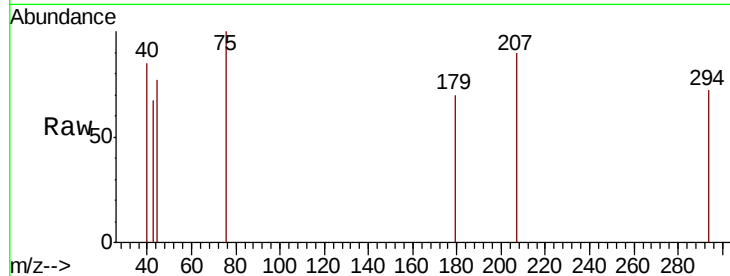
Tot Ion: 75 Resp: 96

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

4.60

150

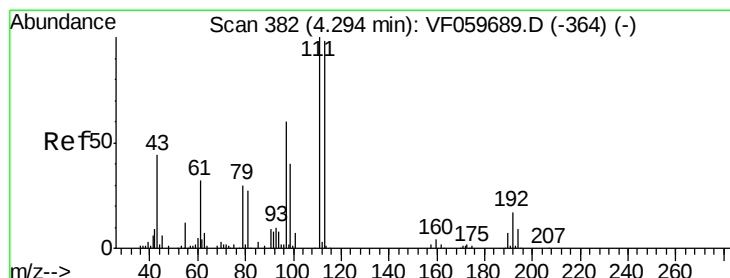
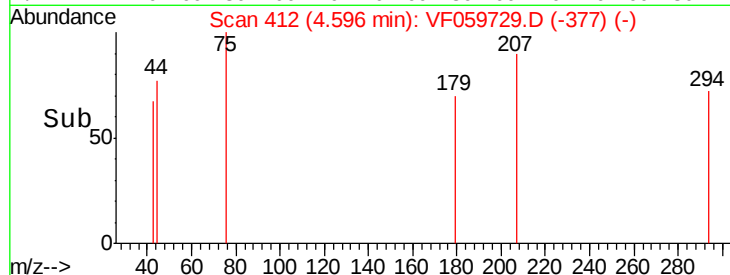
100

50

0

4.58 4.60

Time-->



#37

Ethyl Acetate

Concen: 166.297 ug/l

RT: 4.21 min Scan# 373

Delta R.T. -0.08 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

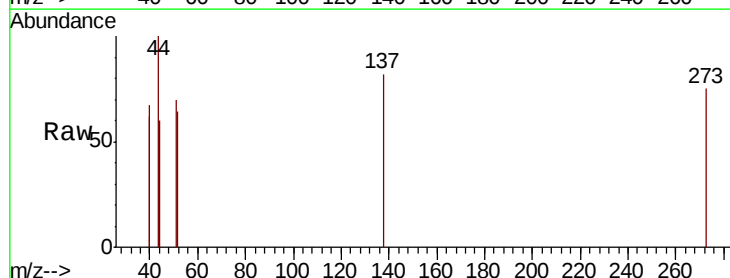
Tgt Ion: 43 Resp: 253

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

4.21

150

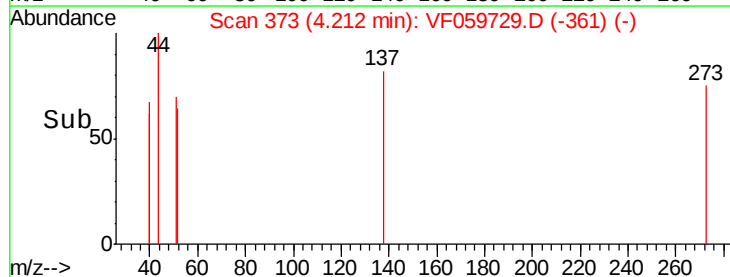
100

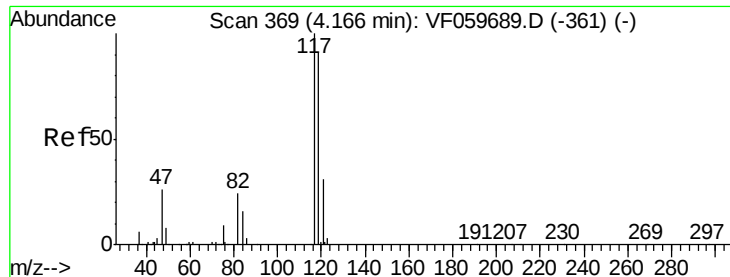
50

0

4.20 4.25

Time-->





#38

Carbon Tetrachloride

Concen: 14.856 ug/l

RT: 4.02 min Scan# 354

Delta R.T. -0.14 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

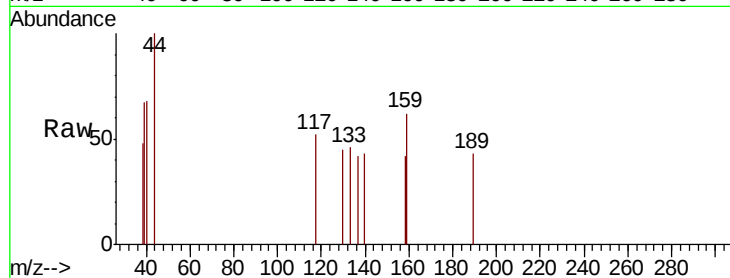
Tot Ion:117 Resp: 77

Ion Ratio Lower Upper

117 100

119 0.0 72.9 109.3#

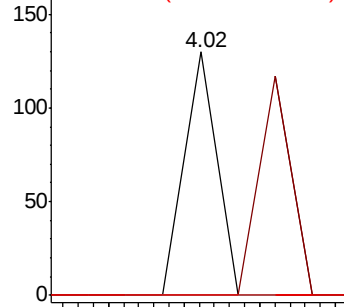
121 0.0 25.0 37.4#



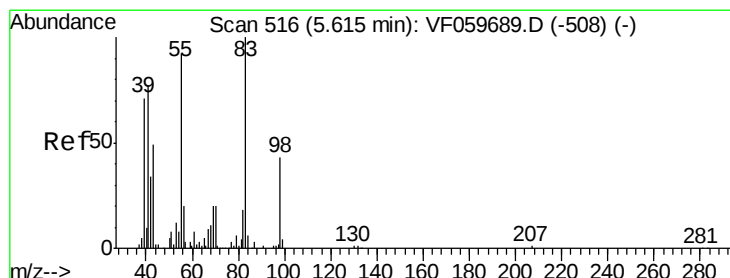
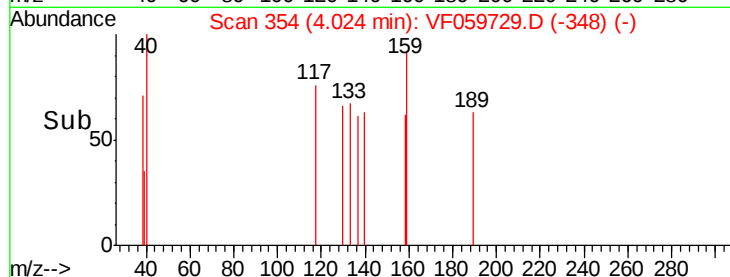
Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



Time-->



#39

Methylcyclohexane

Concen: 24.405 ug/l

RT: 5.54 min Scan# 508

Delta R.T. -0.07 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

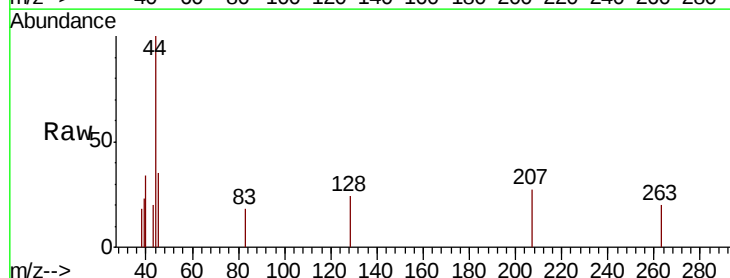
Tgt Ion: 83 Resp: 67

Ion Ratio Lower Upper

83 100

55 0.0 73.4 110.2#

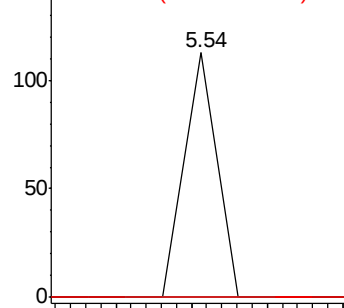
98 0.0 34.2 51.4#



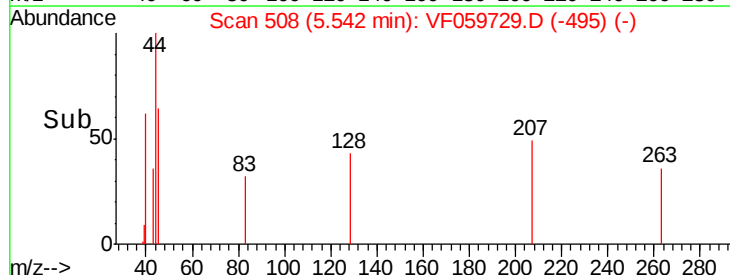
Abundance Ion 83.00 (82.70 to 83.70): VF0

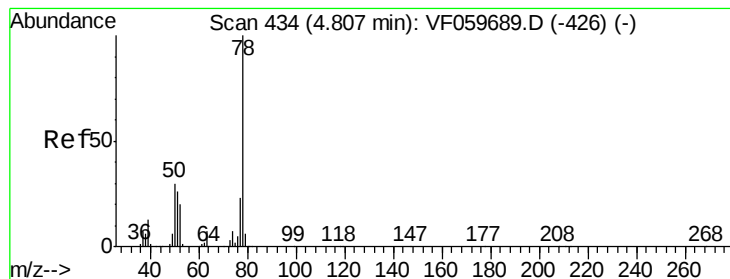
Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



Time-->





#40

Benzene

Concen: 16.405 ug/l

RT: 4.81 min Scan# 434

Delta R.T. 0.01 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

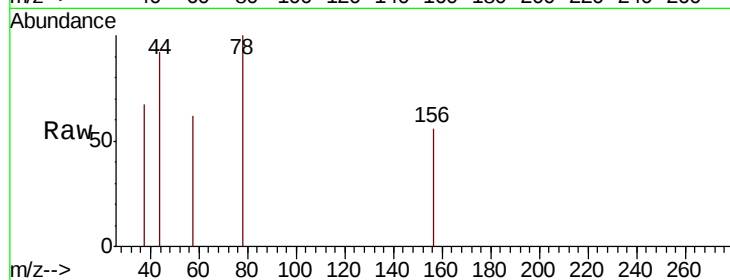
SU-03-072718RE

Tot Ion: 78 Resp: 108

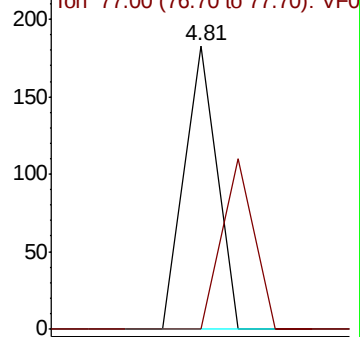
Ion Ratio Lower Upper

78 100

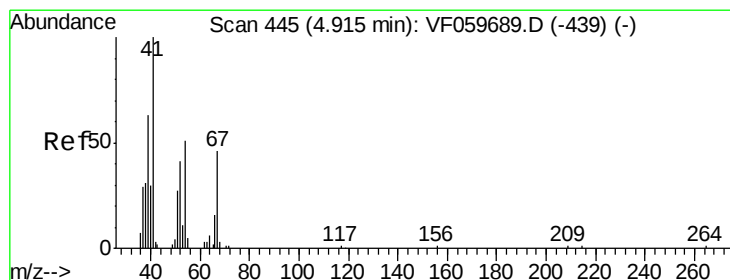
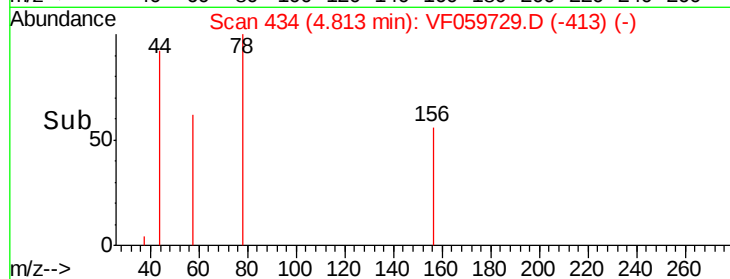
77 0.0 18.9 28.3#



Abundance Ion 78.10 (77.80 to 78.80): VF0



Time-->



#41

Methacrylonitrile

Concen: 75.778 ug/l

RT: 4.99 min Scan# 452

Delta R.T. 0.08 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Tgt Ion: 41 Resp: 61

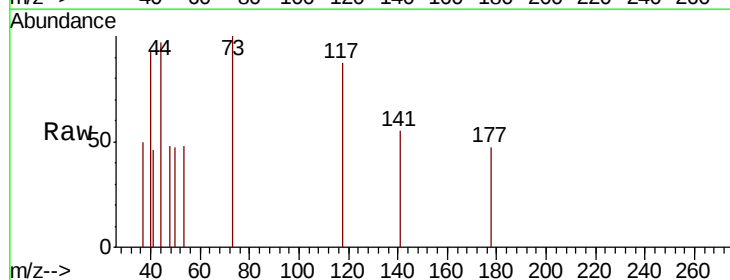
Ion Ratio Lower Upper

41 100

39 0.0 55.2 82.8#

67 0.0 36.2 54.2#

52 0.0 37.7 56.5#

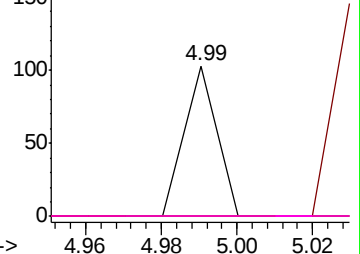


Abundance Ion 41.00 (40.70 to 41.70): VF0

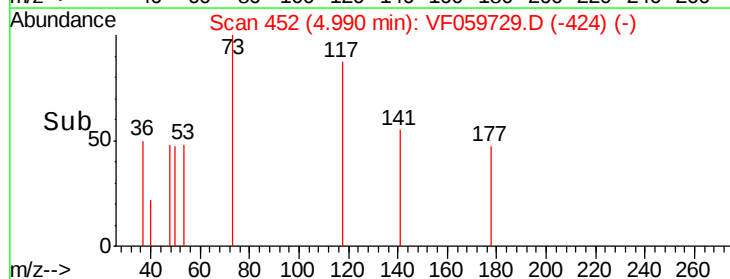
Ion 39.00 (38.70 to 39.70): VF0

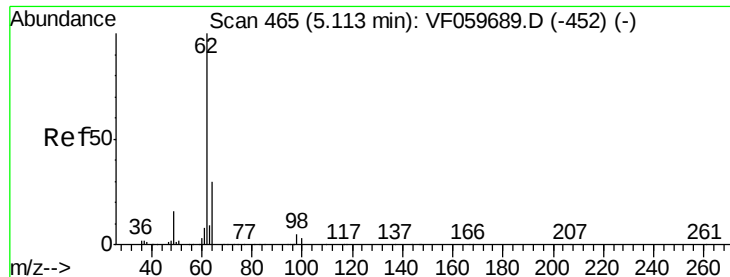
Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->





#42

1,2-Dichloroethane

Concen: 14.542 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.09 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

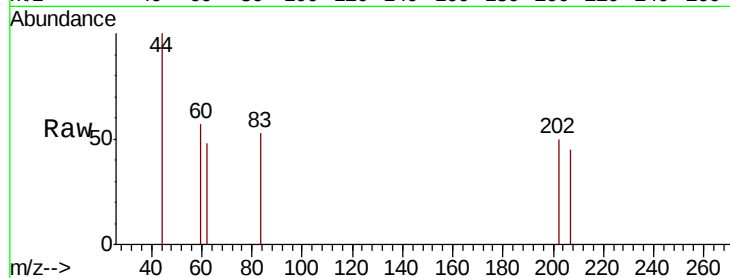
SU-03-072718RE

Tot Ion: 62 Resp: 67

Ion Ratio Lower Upper

62 100

98 0.0 0.0 9.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

5.02

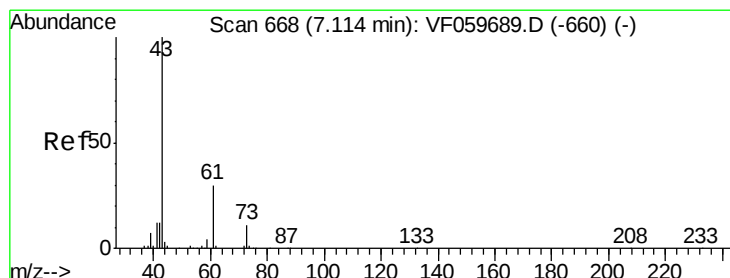
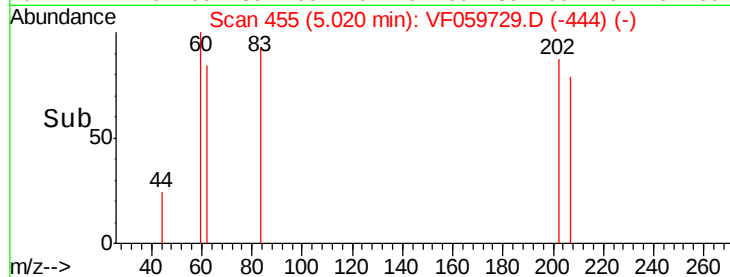
100

50

0

Time-->

5.00 5.02 5.04



#43

Isopropyl Acetate

Concen: 120.555 ug/l

RT: 7.13 min Scan# 669

Delta R.T. 0.02 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

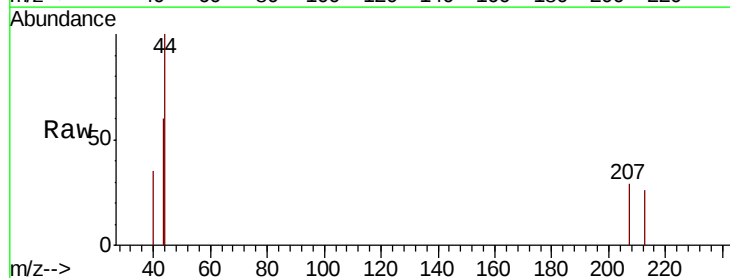
Tgt Ion: 43 Resp: 235

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

300

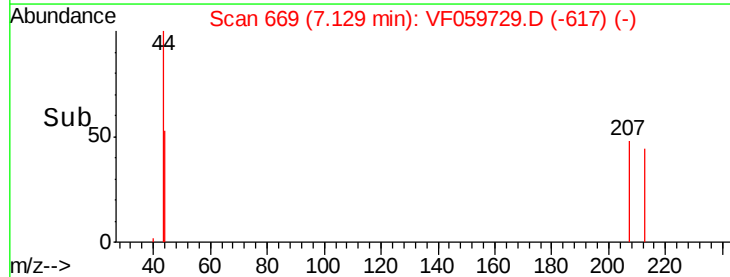
200

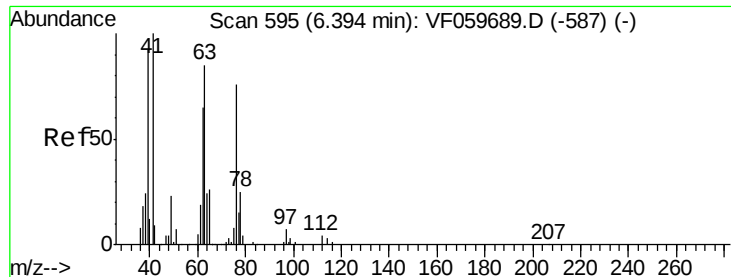
100

0

Time-->

7.10 7.12 7.14 7.16 7.18

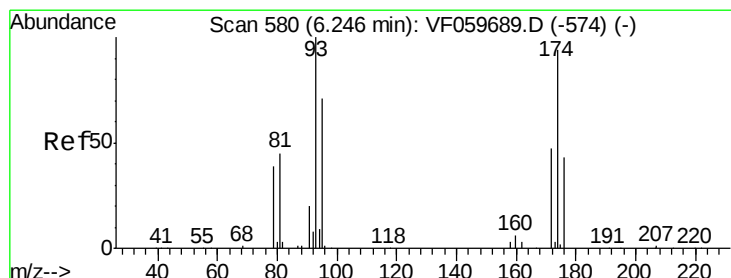
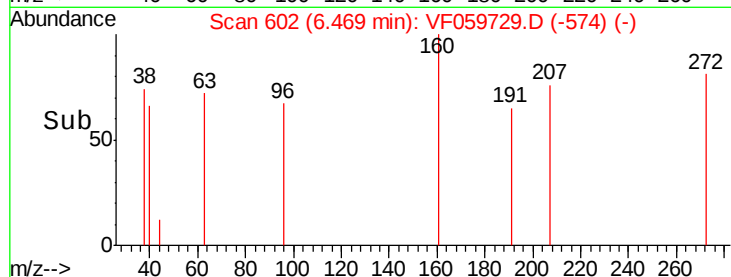
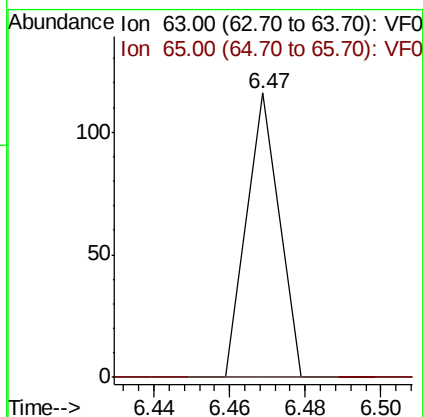
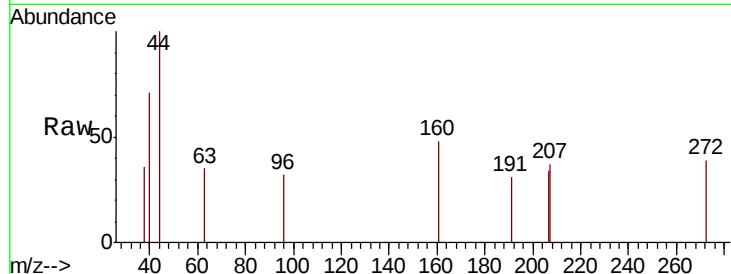




#45
 1,2-Dichloropropane
 Concen: 39.687 ug/l
 RT: 6.47 min Scan# 602
 Delta R.T. 0.07 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

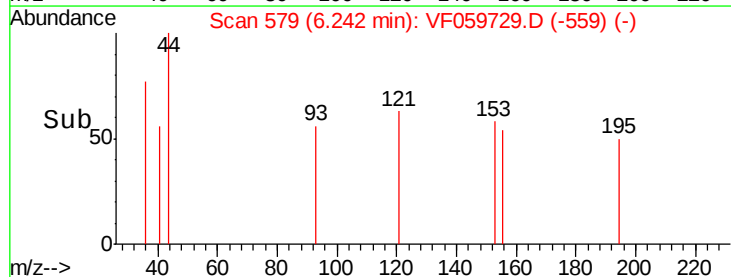
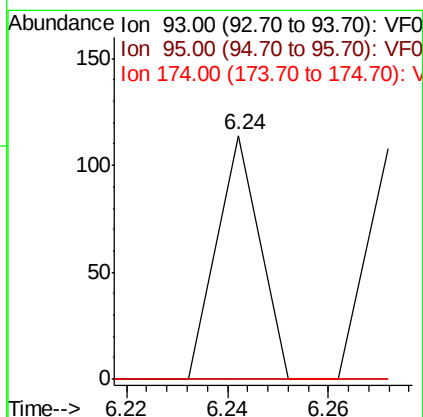
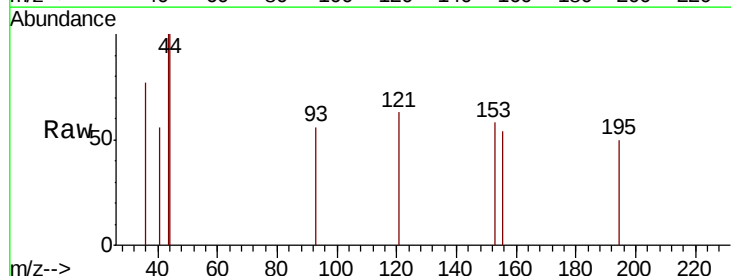
Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-072718RE

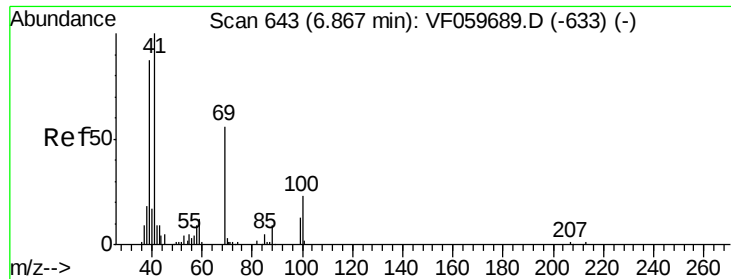
Tot Ion: 63 Resp: 69
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#46
 Dibromomethane
 Concen: 40.590 ug/l
 RT: 6.24 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

Tgt Ion: 93 Resp: 67
 Ion Ratio Lower Upper
 93 100
 95 0.0 57.1 85.7#
 174 0.0 74.8 112.2#

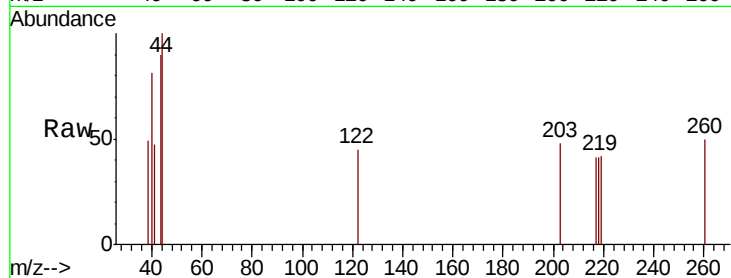




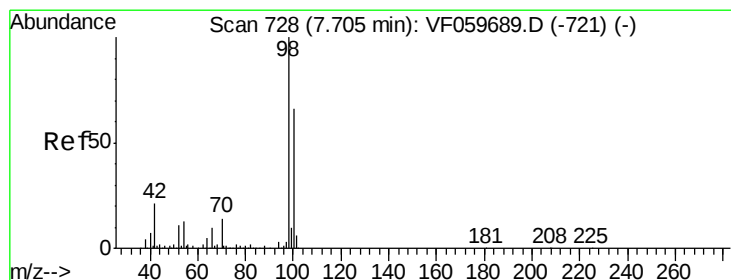
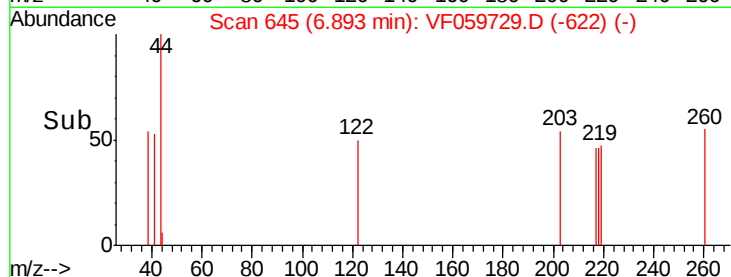
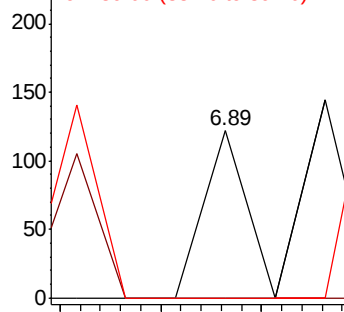
#48
Methvl methacrvlate
Concen: 49.105 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.03 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :
SU-03-072718RE

Tot Ion: 41 Resp: 72
Ion Ratio Lower Upper
41 100
69 0.0 44.4 66.6#
39 0.0 69.4 104.2#

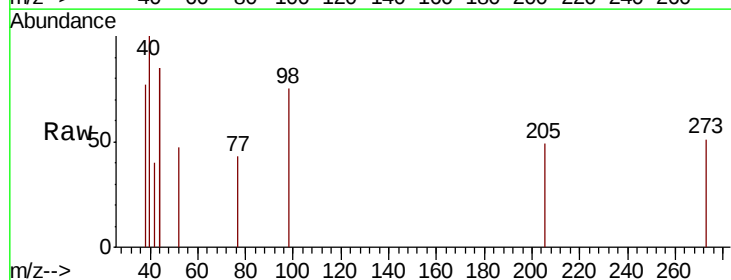


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

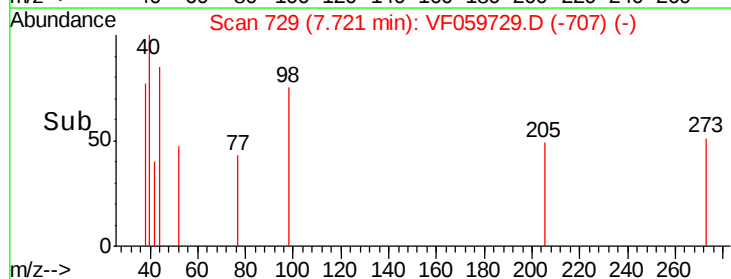
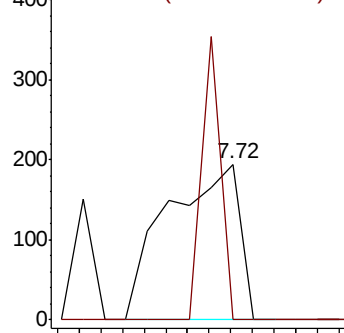


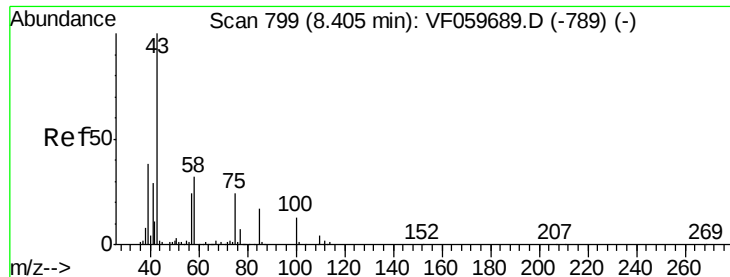
#50
Toluene-d8
Concen: 56.991 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Tgt Ion: 98 Resp: 450
Ion Ratio Lower Upper
98 100
100 0.0 52.8 79.2#



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 172.640 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.03 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

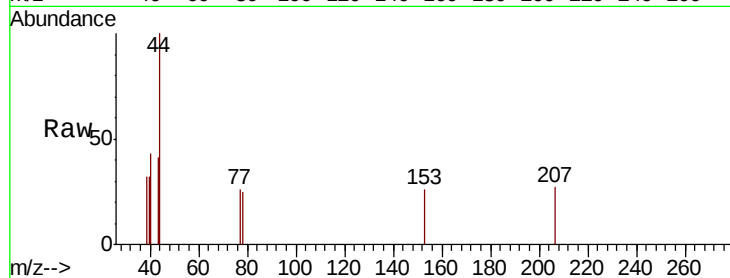
SU-03-072718RE

Tot Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.43

150

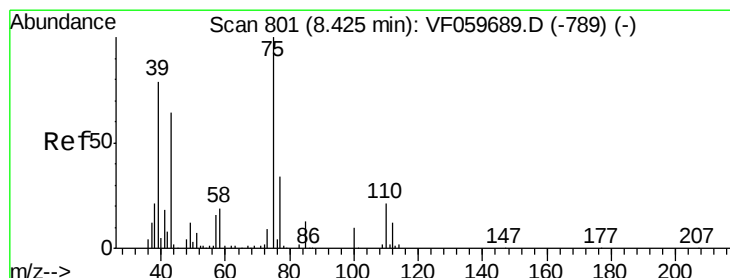
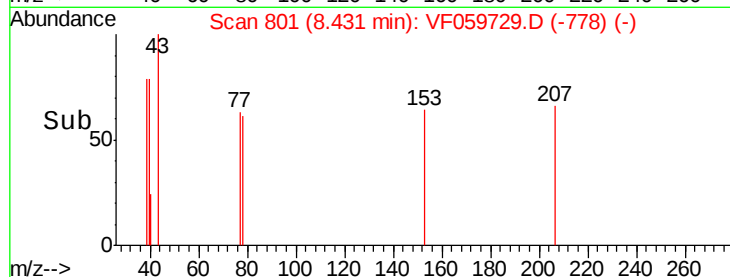
100

50

0

8.40 8.45

Time-->



#53

t-1,3-Dichloropropene

Concen: 28.459 ug/l

RT: 8.50 min Scan# 808

Delta R.T. 0.07 min

Lab File: VF059729.D

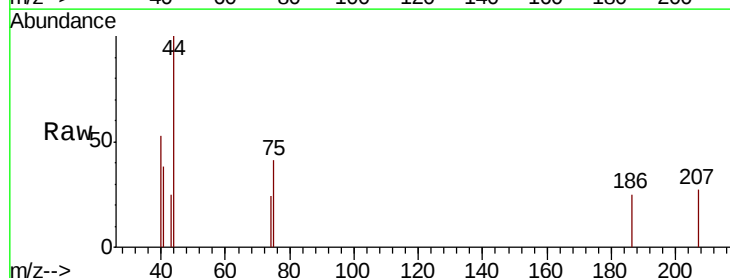
Acq: 1 Aug 2018 2:17

Tgt Ion: 75 Resp: 111

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

8.50

200

150

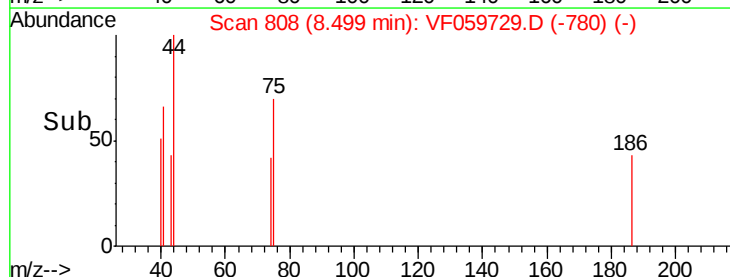
100

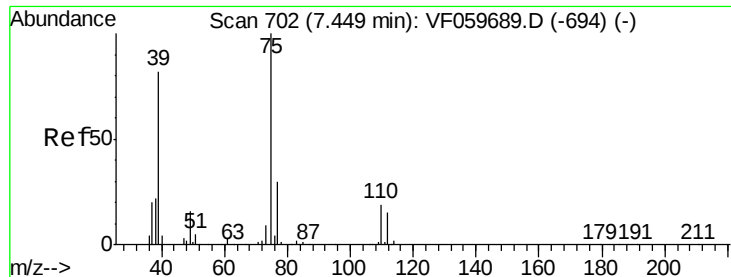
50

0

8.48 8.50 8.52

Time-->





#54

cis-1,3-Dichloropropene

Concen: 17.205 ug/l

RT: 7.44 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

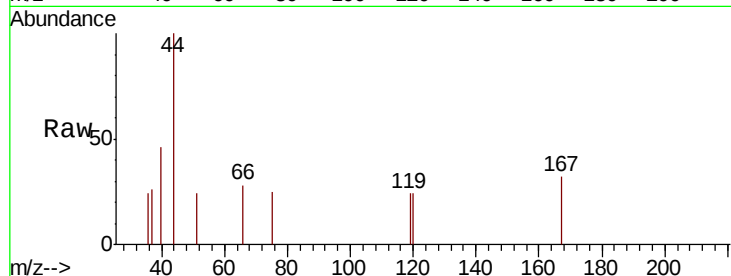
Tot Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

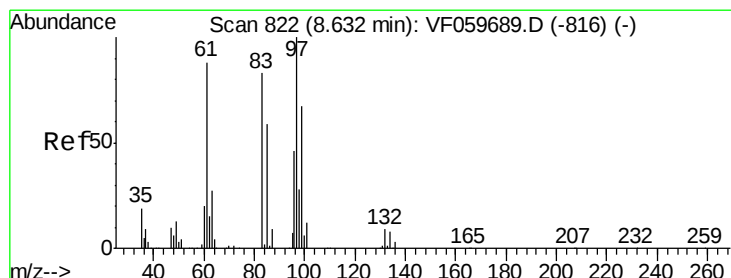
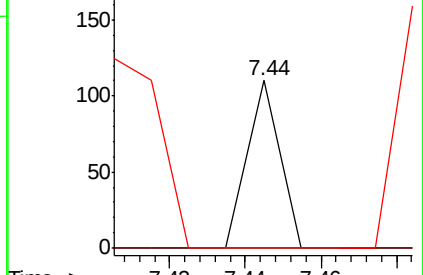
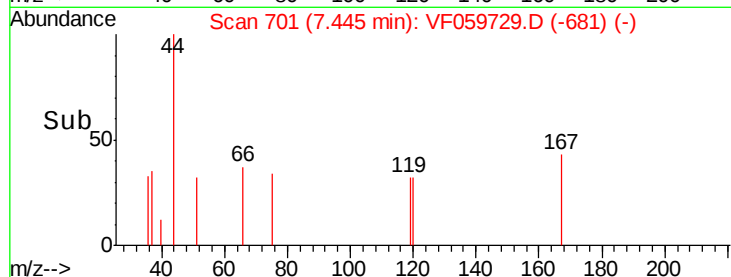
39 0.0 65.4 98.2#



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: 35.333 ug/l

RT: 8.57 min Scan# 815

Delta R.T. -0.06 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Tgt Ion: 97 Resp: 63

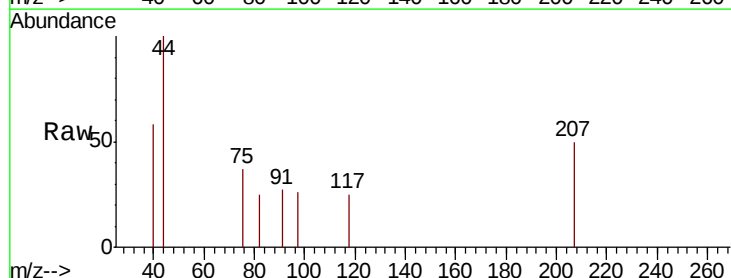
Ion Ratio Lower Upper

97 100

83 0.0 66.6 100.0#

85 0.0 47.4 71.0#

99 0.0 53.2 79.8#

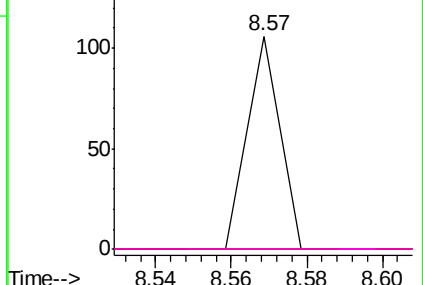
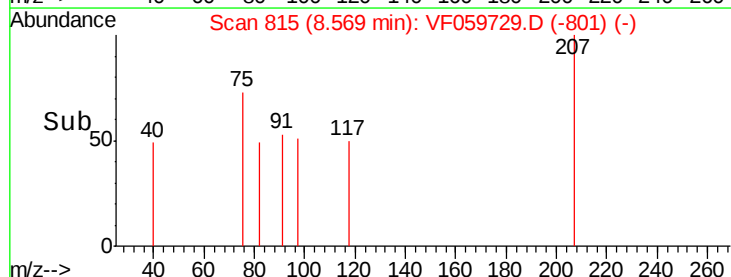


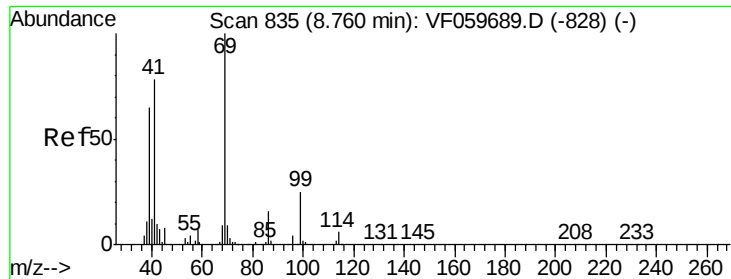
Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 33.881 ug/l

RT: 8.91 min Scan# 850

Delta R.T. 0.15 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

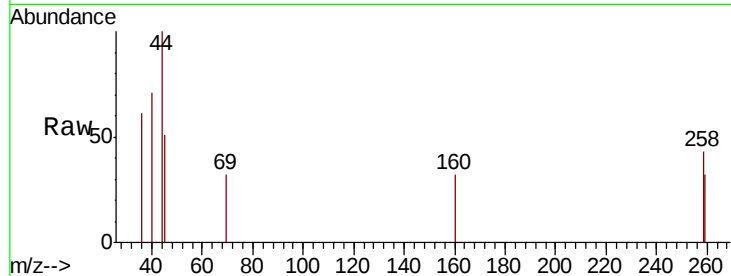
Tot Ion: 69 Resp: 63

Ion Ratio Lower Upper

69 100

41 0.0 62.3 93.5#

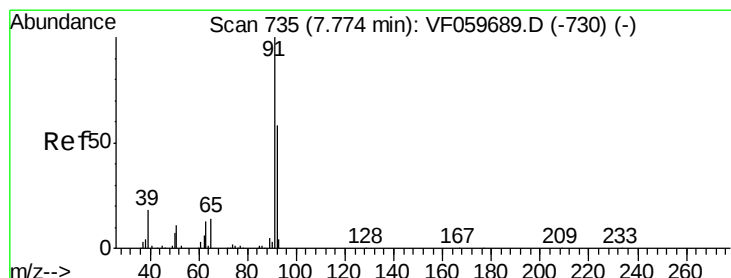
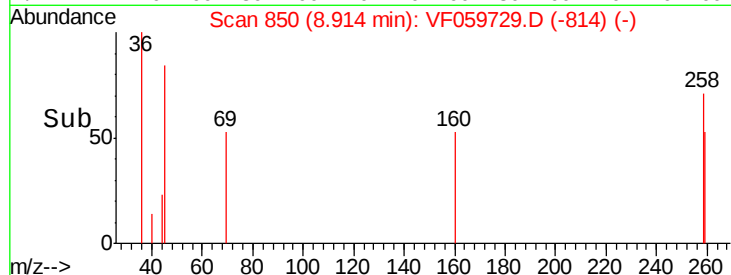
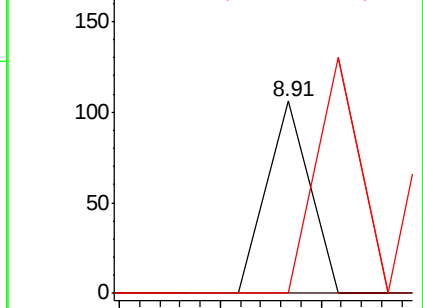
39 0.0 52.4 78.6#



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



#58

2-Chloroethyl Vinyl ether

Concen: 279.472 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.01 min

Lab File: VF059729.D

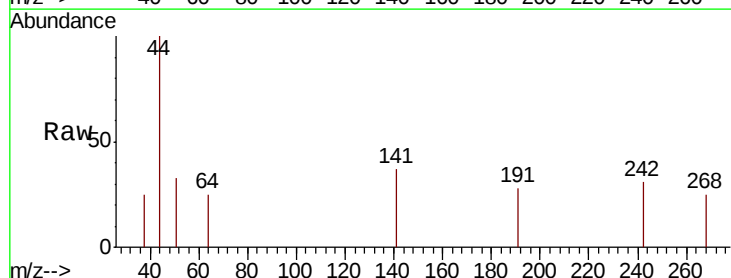
Acq: 1 Aug 2018 2:17

Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

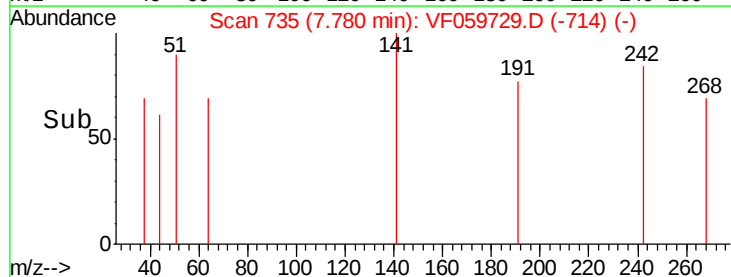
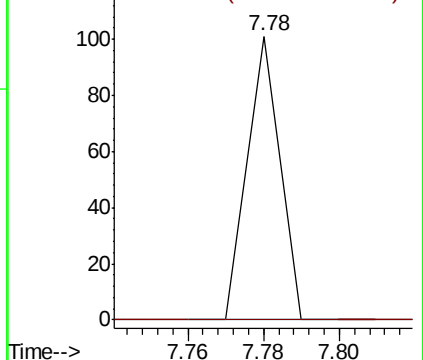
63 100

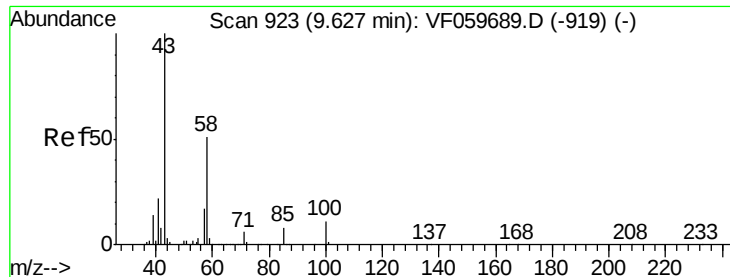
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

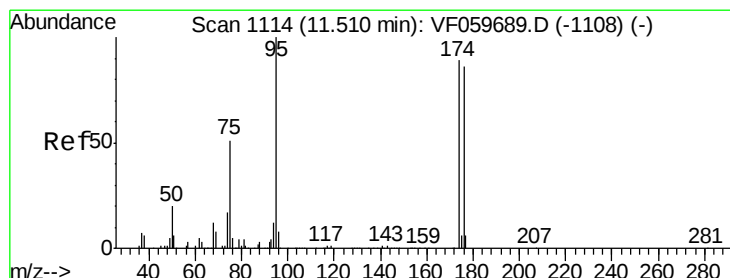
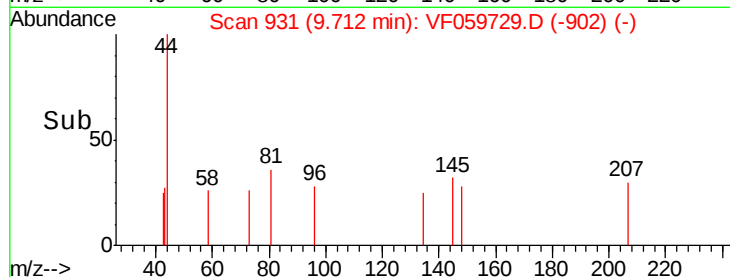
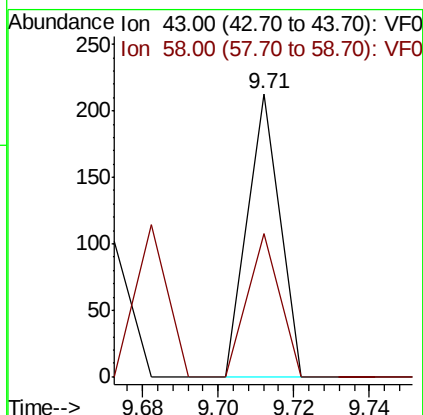
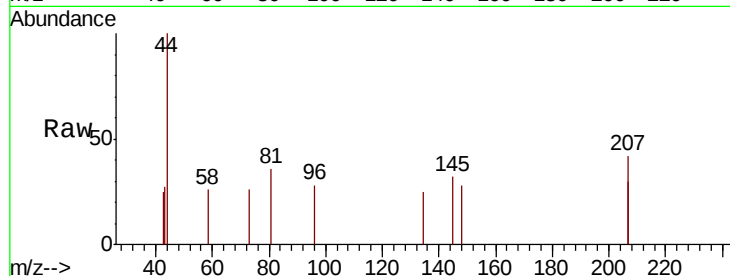




#59
2-Hexanone
Concen: 106.035 ug/l
RT: 9.71 min Scan# 931
Delta R.T. 0.08 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

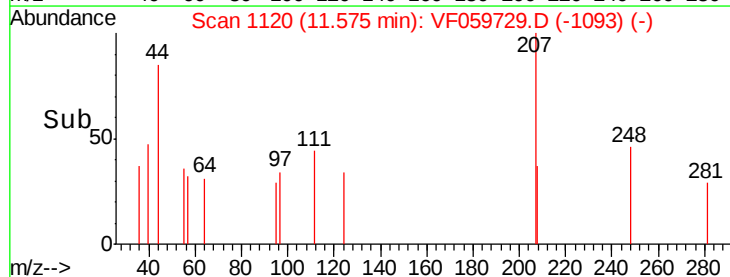
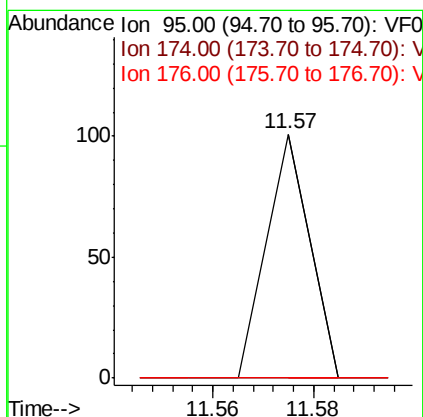
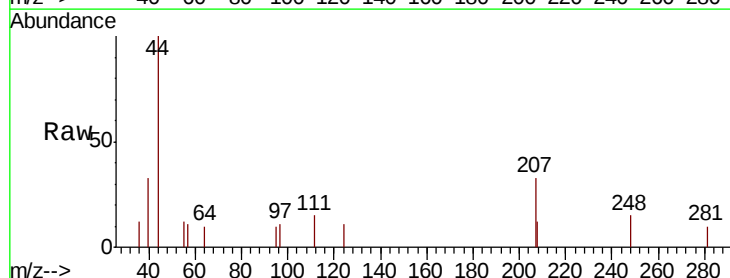
Instrument :
MSVOA_F
ClientSampleId :
SU-03-072718RE

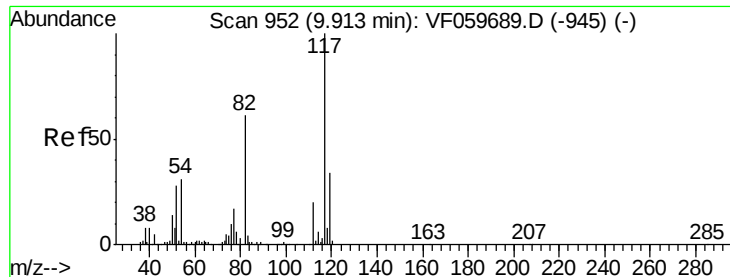
Tot Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 50.7 23.3 69.8



#62
4-Bromofluorobenzene
Concen: 13.726 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. 0.07 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Tgt Ion: 95 Resp: 60
Ion Ratio Lower Upper
95 100
174 0.0 0.0 178.4
176 0.0 0.0 173.0

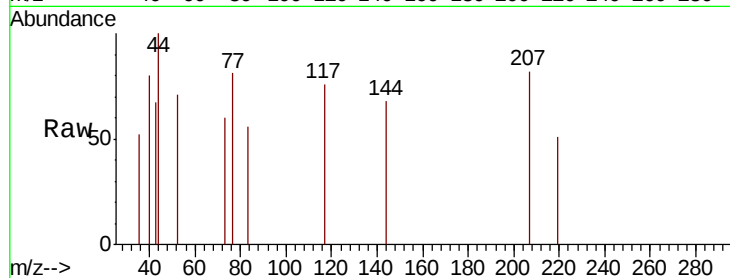




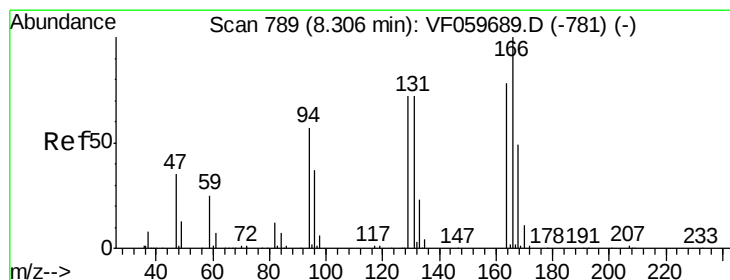
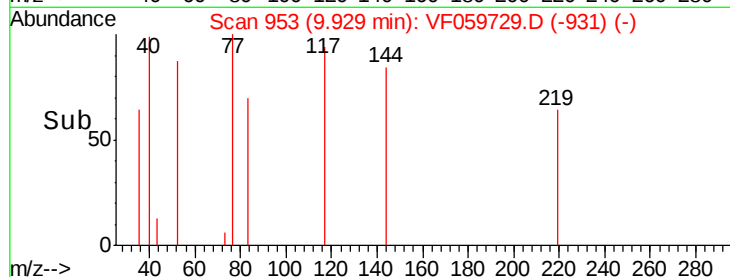
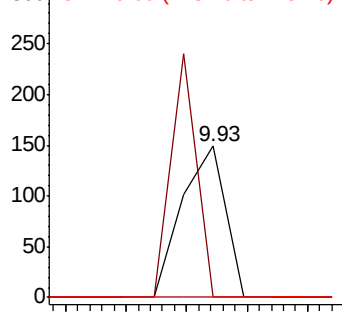
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Instrument :
MSVOA_F
ClientSampleId :
SU-03-072718RE

Tot Ion:117 Resp: 148
Ion Ratio Lower Upper
117 100
82 0.0 49.0 73.4#
119 0.0 27.3 40.9#

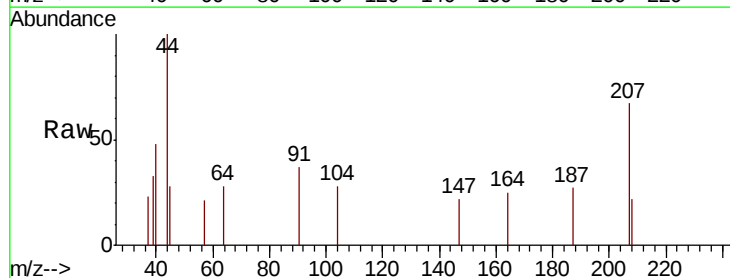


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

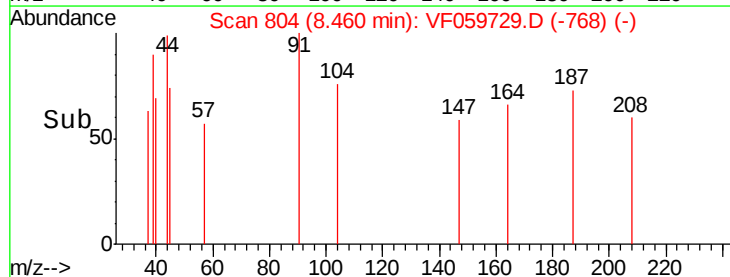
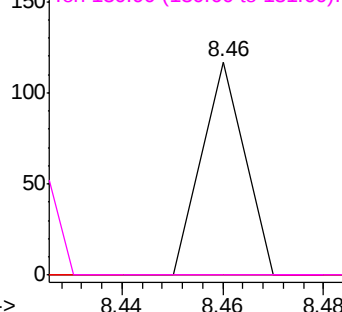


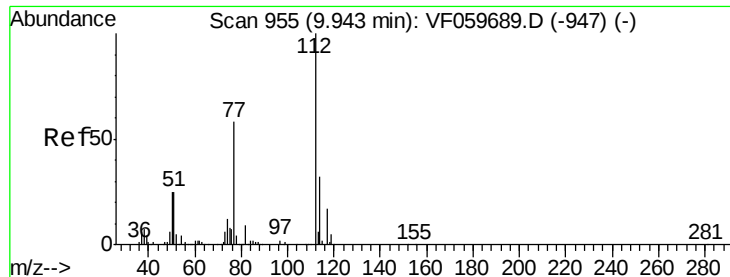
#64
Tetrachloroethene
Concen: 70.911 ug/l
RT: 8.46 min Scan# 804
Delta R.T. 0.15 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Tgt Ion:164 Resp: 69
Ion Ratio Lower Upper
164 100
166 0.0 102.1 153.1#
129 0.0 73.8 110.6#
131 0.0 73.1 109.7#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

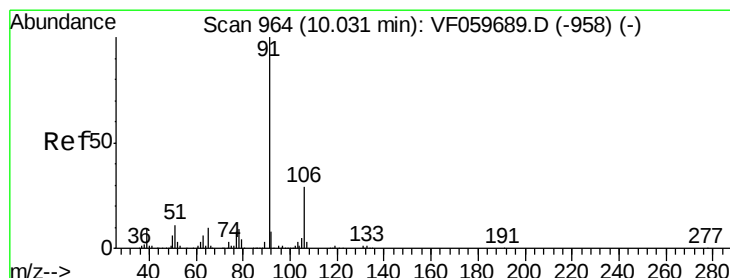
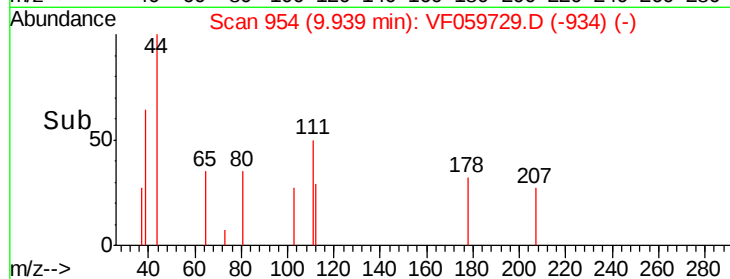
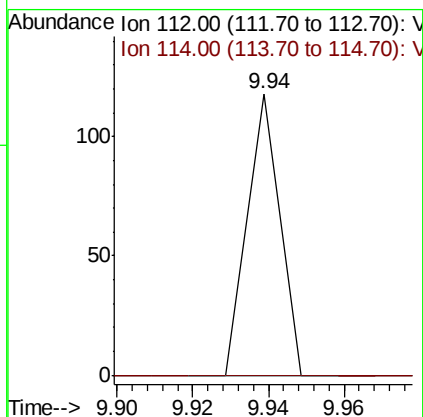
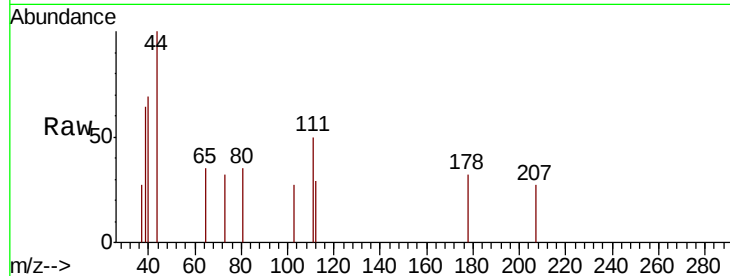




#65
Chlorobenzene
Concen: 23.644 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.00 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

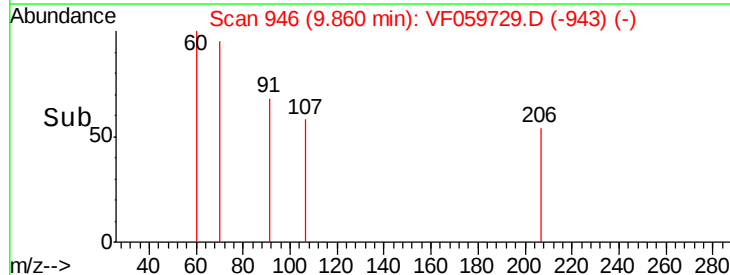
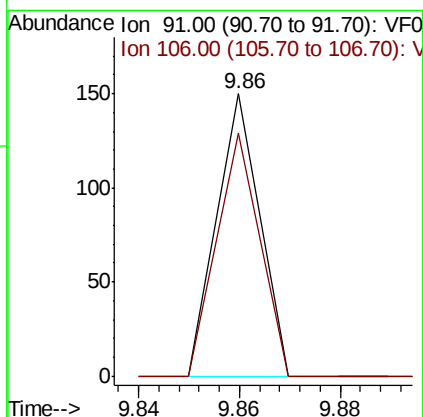
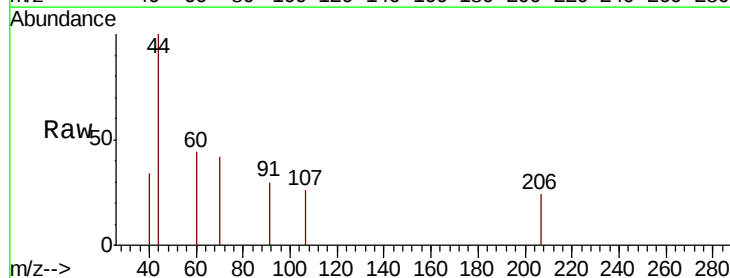
Instrument :
MSVOA_F
ClientSampleId :
SU-03-072718RE

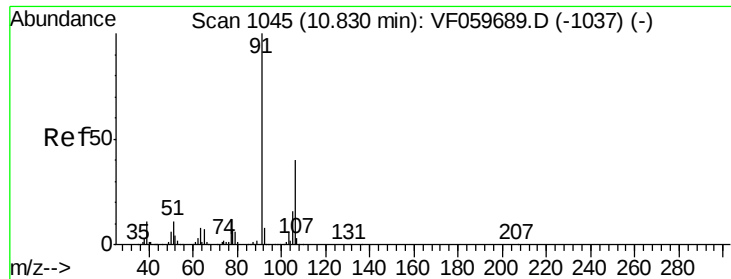
Tot Ion:112 Resp: 70
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#67
Ethyl Benzene
Concen: 17.375 ug/l
RT: 9.86 min Scan# 946
Delta R.T. -0.17 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Tgt Ion: 91 Resp: 89
Ion Ratio Lower Upper
91 100
106 86.0 22.9 34.3#

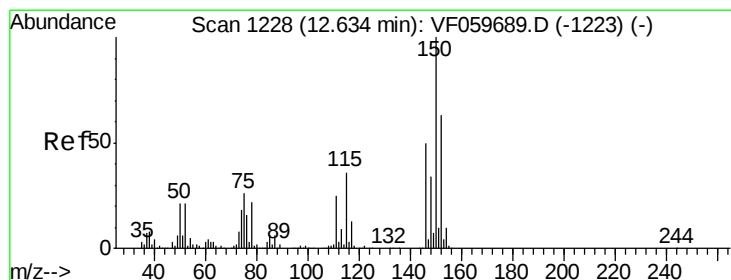
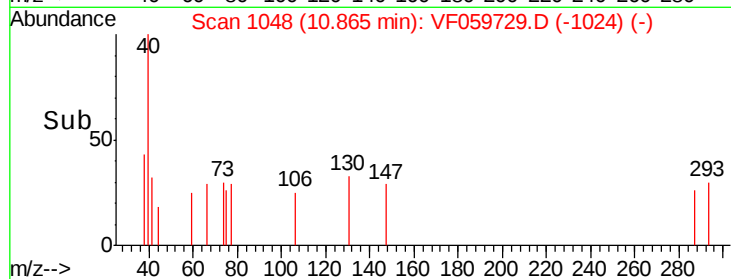
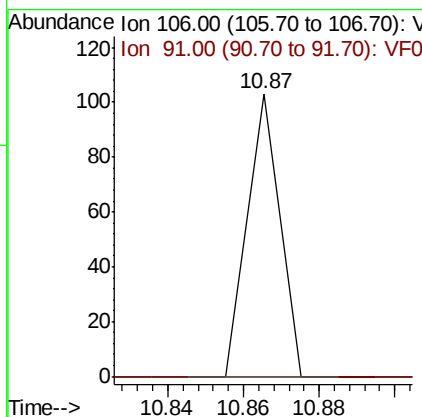
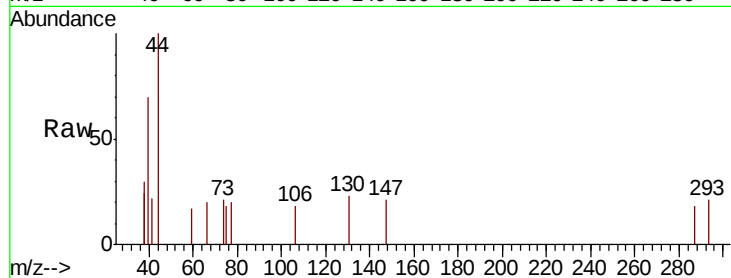




#69
o-Xylene
Concen: 32.319 ug/l
RT: 10.87 min Scan# 1048
Delta R.T. 0.04 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

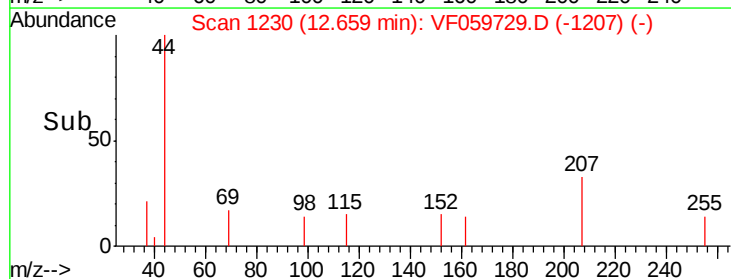
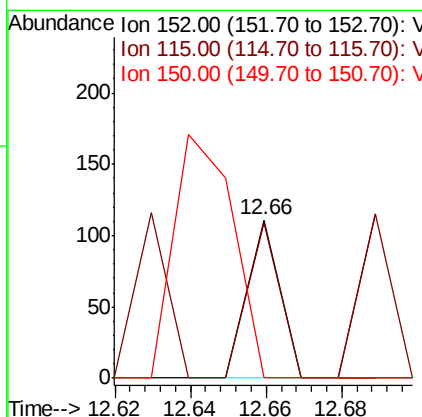
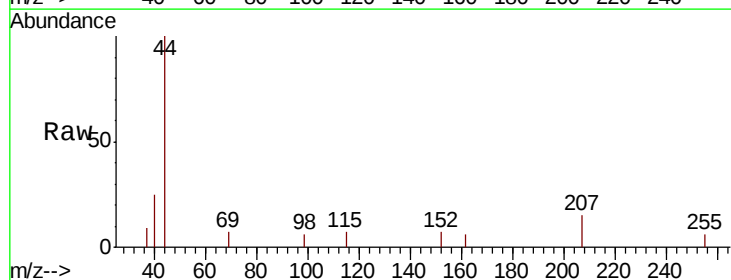
Instrument :
MSVOA_F
ClientSampleId :
SU-03-072718RE

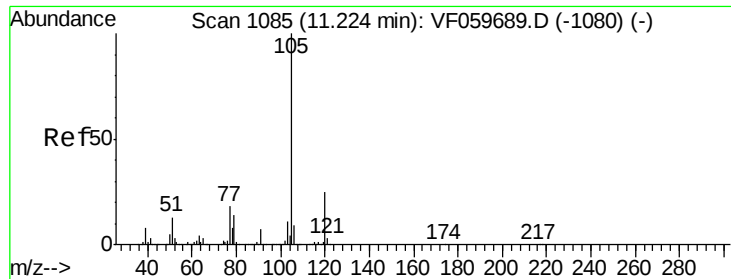
Tot Ion:106 Resp: 61
Ion Ratio Lower Upper
106 100
91 0.0 124.6 373.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.66 min Scan# 1230
Delta R.T. 0.03 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Tgt Ion:152 Resp: 66
Ion Ratio Lower Upper
152 100
115 98.2 28.2 84.6#
150 0.0 0.0 316.2





#73

Isopropylbenzene

Concen: 14.779 ug/l

RT: 11.16 min Scan# 1078

Delta R.T. -0.06 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

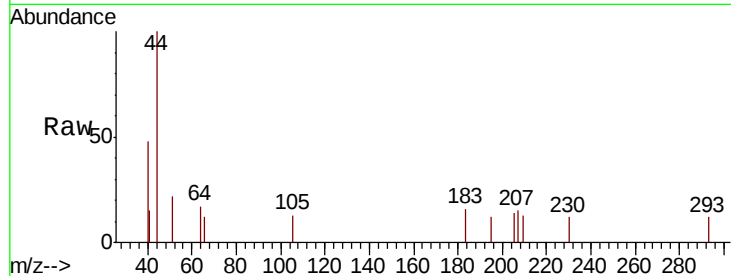
SU-03-072718RE

Tot Ion:105 Resp: 64

Ion Ratio Lower Upper

105 100

120 0.0 12.4 37.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.16

100

80

60

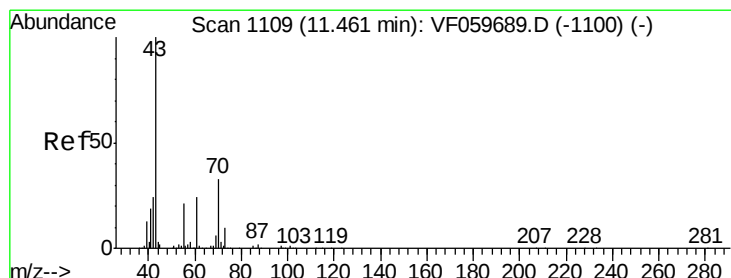
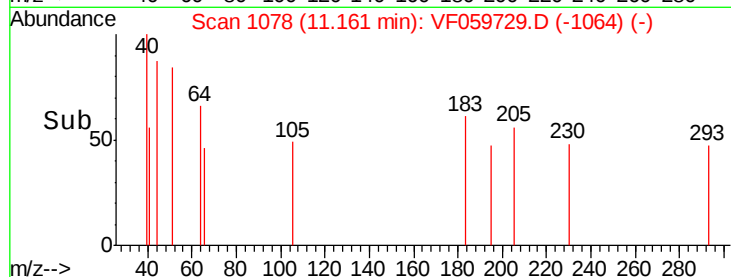
40

20

0

Time-->

11.14 11.16 11.18



#74

N-ethyl acetate

Concen: 86.952 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.04 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Tgt Ion: 43 Resp: 95

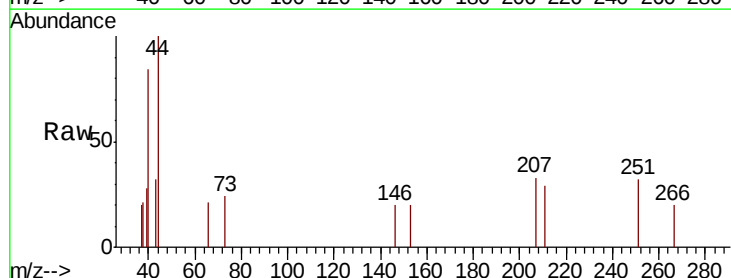
Ion Ratio Lower Upper

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

250

200

150

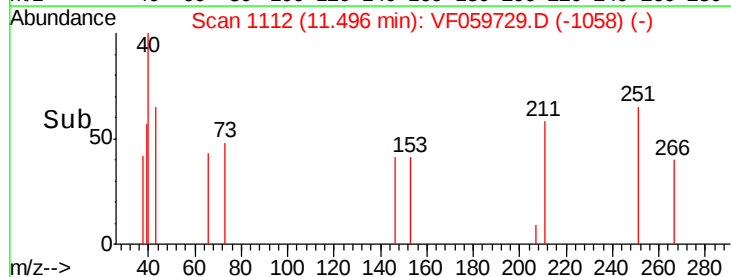
100

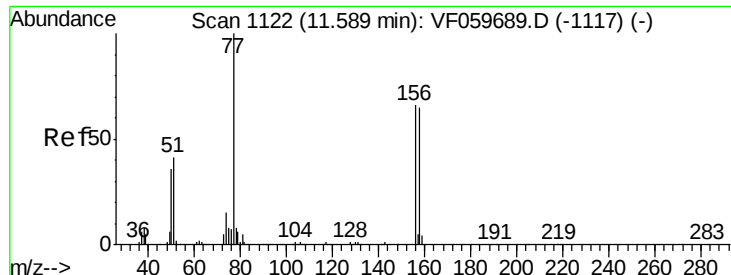
50

0

Time-->

11.46 11.48 11.50 11.52





#77

Bromobenzene

Concen: 56.595 ug/l

RT: 11.48 min Scan# 1110

Delta R.T. -0.11 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

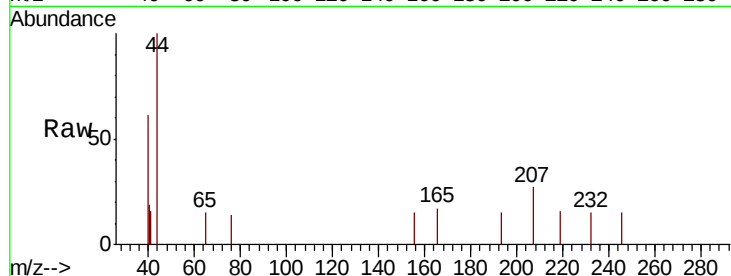
Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

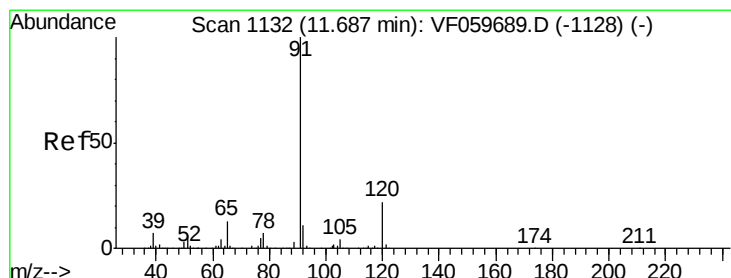
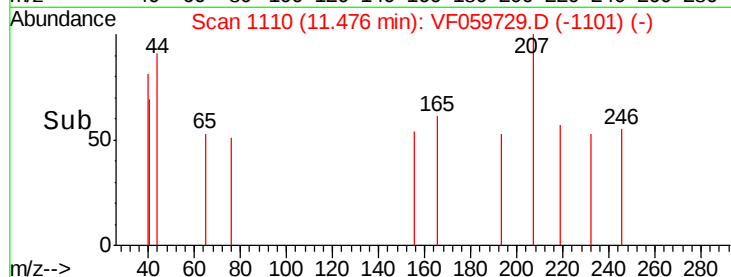
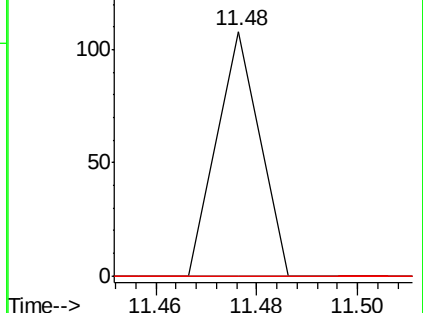
Tot Ion:	156	Resp:	64
Ion	Ratio	Lower	Upper
156	100		
77	0.0	75.2	225.6#
158	0.0	49.1	147.3#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 12.458 ug/l

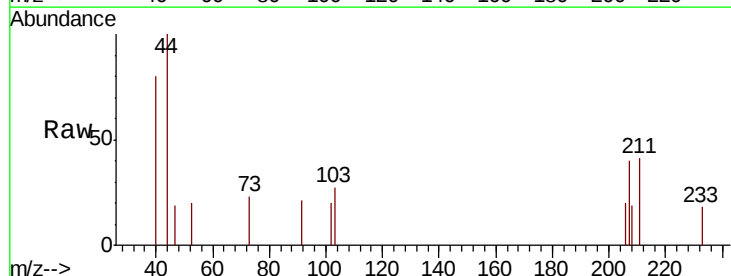
RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF059729.D

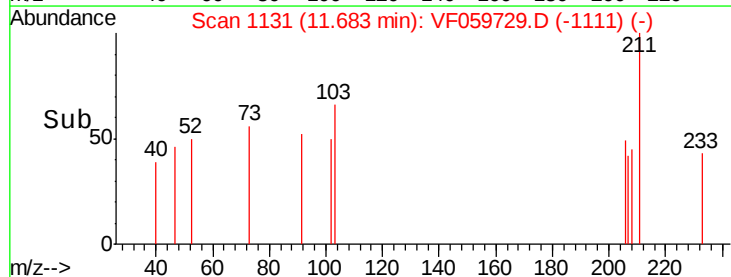
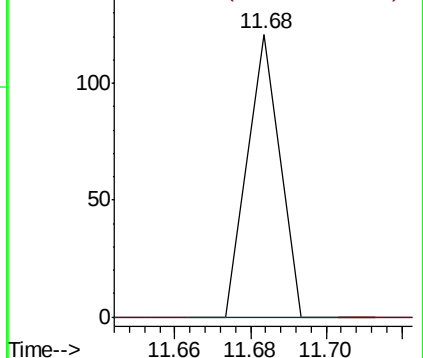
Acq: 1 Aug 2018 2:17

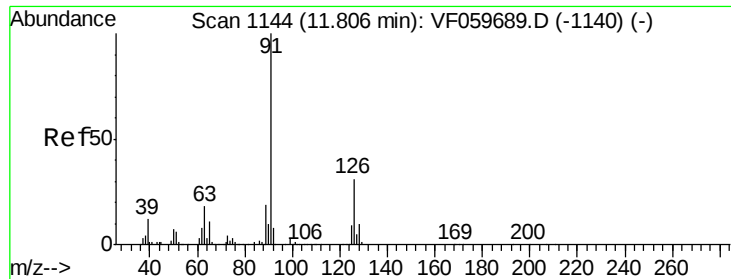
Tgt Ion:	91	Resp:	72
Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.0	33.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.833 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

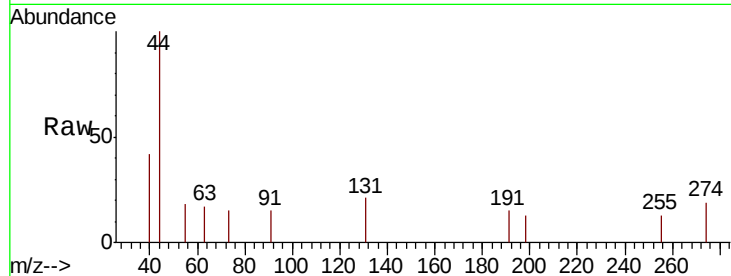
SU-03-072718RE

Tot Ion: 91 Resp: 73

Ion Ratio Lower Upper

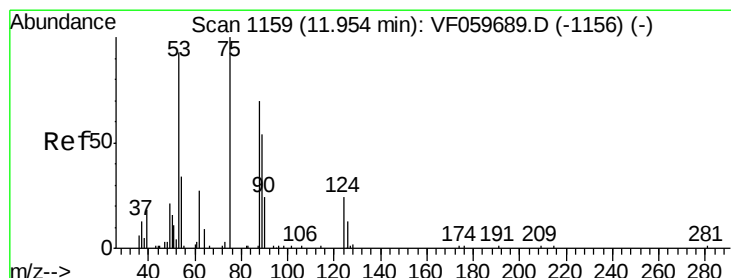
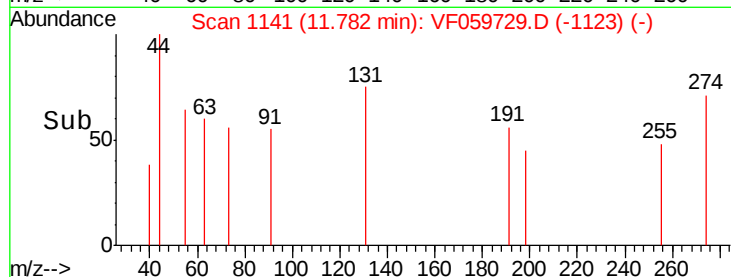
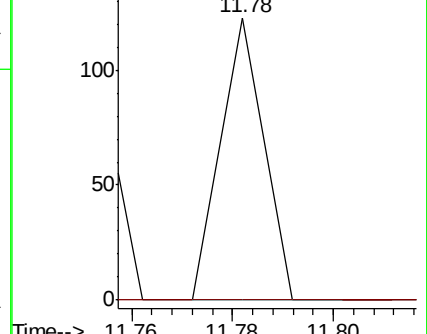
91 100

126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 243.842 ug/l

RT: 12.06 min Scan# 1169

Delta R.T. 0.10 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

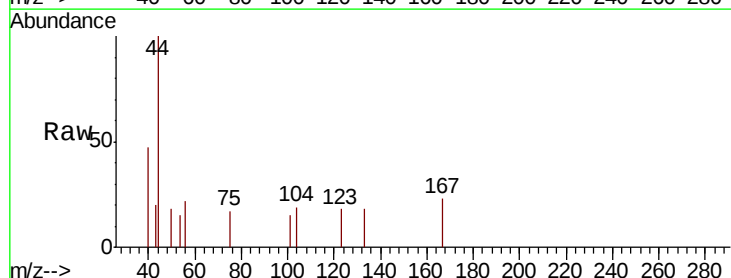
Tgt Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

53 89.8 78.3 117.5

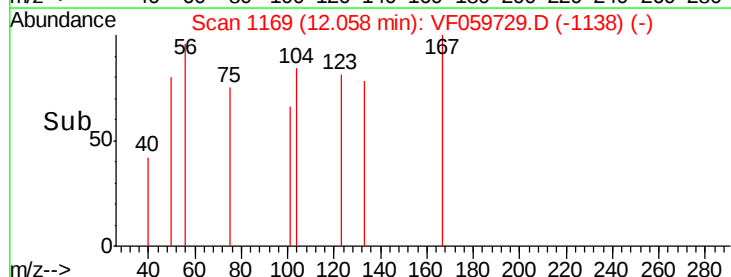
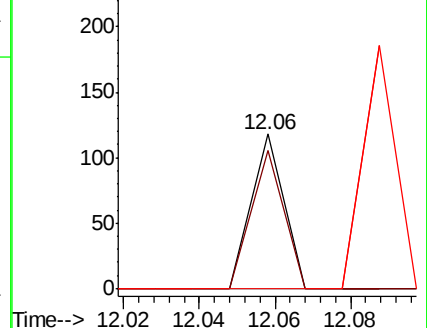
89 0.0 45.4 68.2#

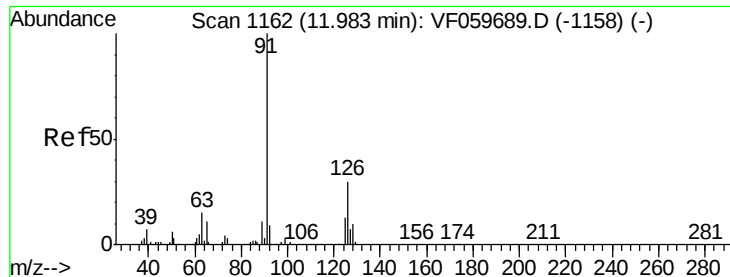


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

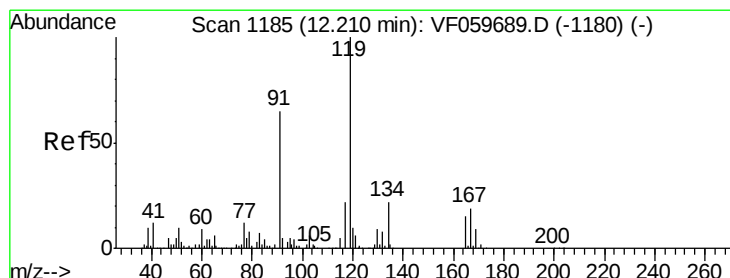
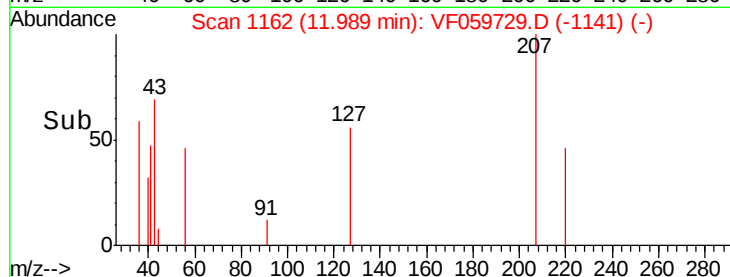
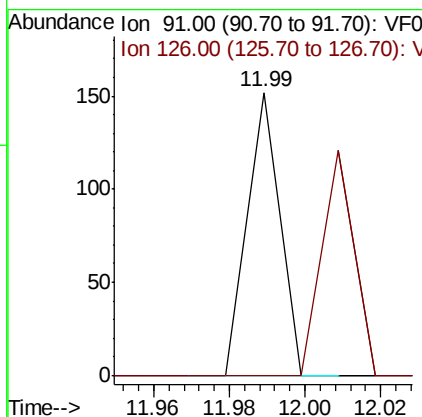
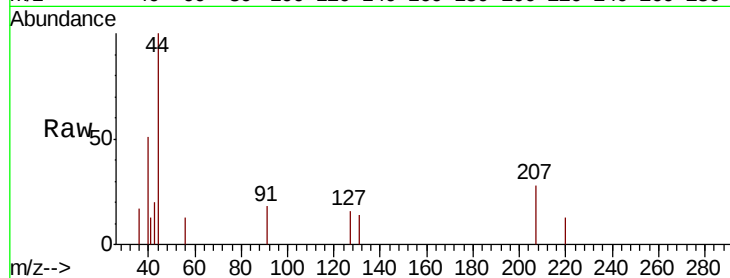




#82
4-Chlorotoluene
Concen: 28.427 ug/l
RT: 11.99 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

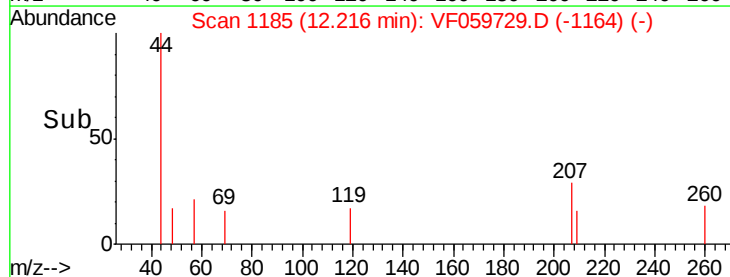
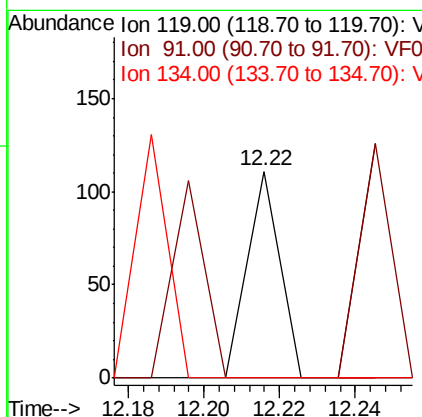
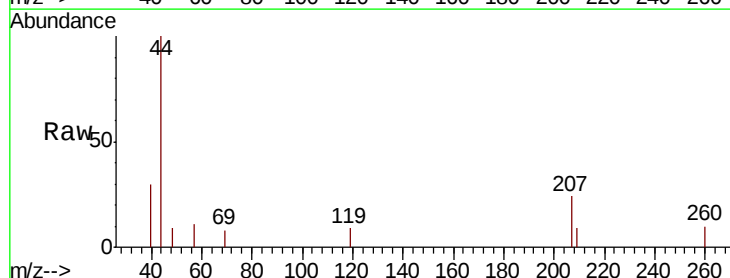
Instrument :
MSVOA_F
ClientSampleId :
SU-03-072718RE

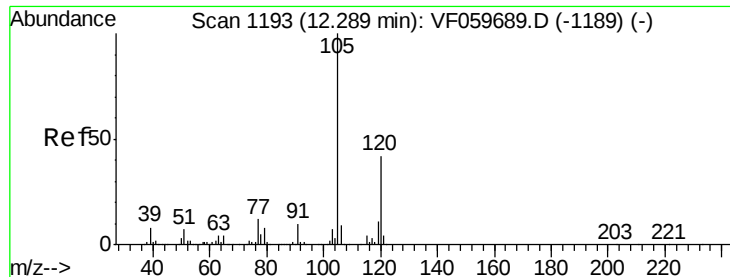
Tot Ion: 91 Resp: 90
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.6#



#83
tert-Butylbenzene
Concen: 16.977 ug/l
RT: 12.22 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF059729.D
Acq: 1 Aug 2018 2:17

Tgt Ion: 119 Resp: 66
Ion Ratio Lower Upper
119 100
91 0.0 32.8 98.4#
134 0.0 10.9 32.7#

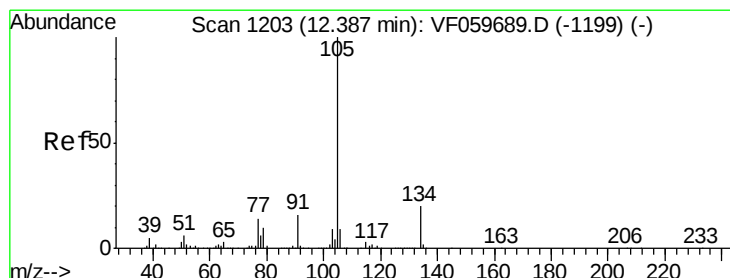
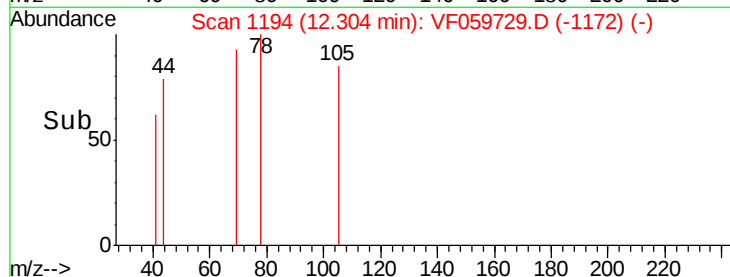
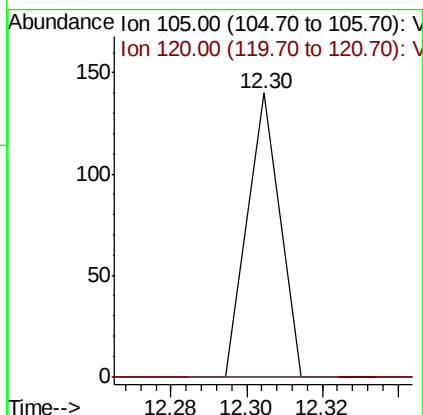
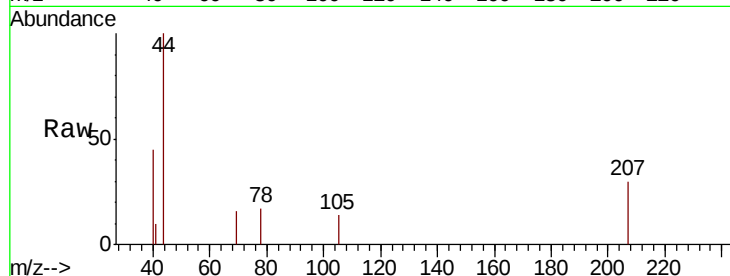




#84
 1,2,4-Trimethylbenzene
 Concen: 21.204 ug/l
 RT: 12.30 min Scan# 1194
 Delta R.T. 0.02 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

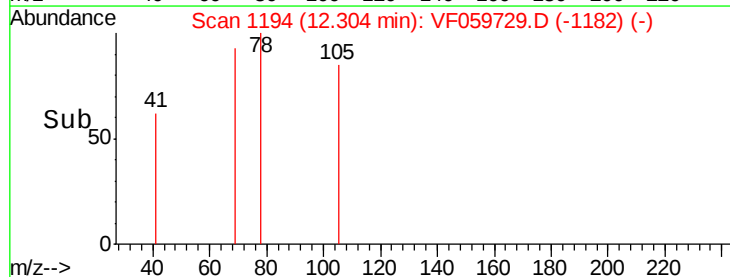
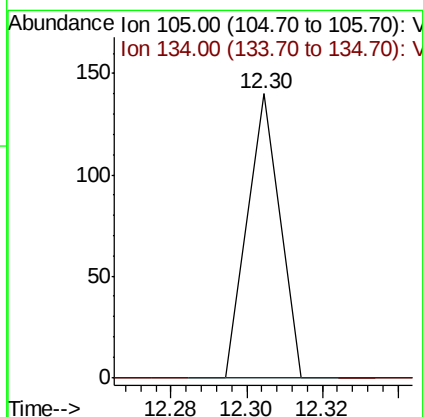
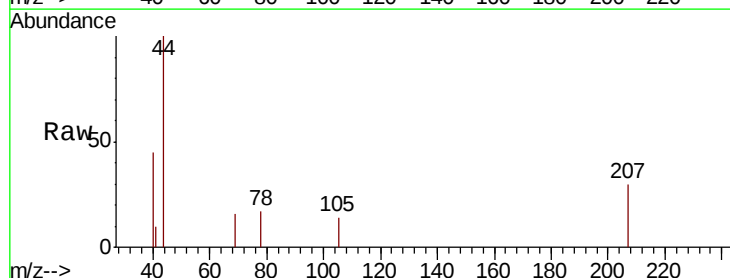
Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-072718RE

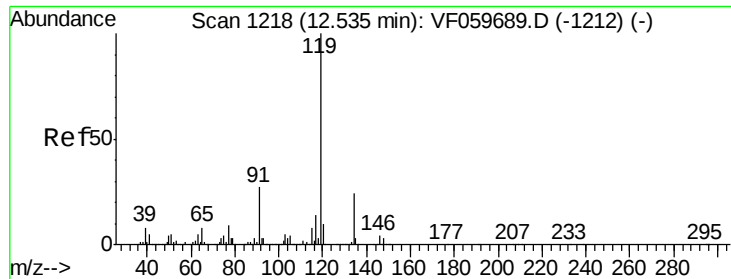
Tot Ion:105 Resp: 83
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.1 63.3#



#85
 sec-Butylbenzene
 Concen: 14.991 ug/l
 RT: 12.30 min Scan# 1194
 Delta R.T. -0.08 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

Tgt Ion:105 Resp: 83
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#

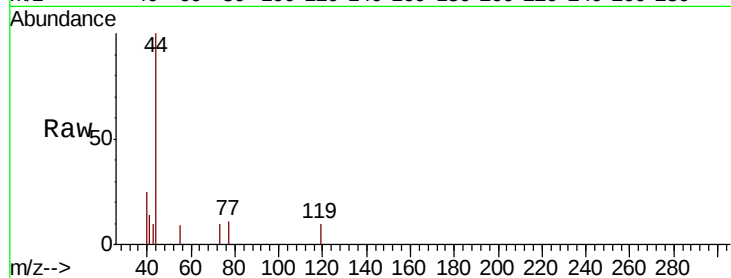




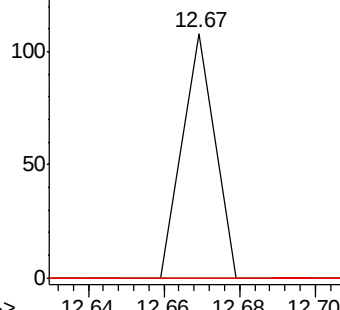
#86
 p-Isopropyltoluene
 Concen: 12.390 ug/l
 RT: 12.67 min Scan# 1231
 Delta R.T. 0.13 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-072718RE

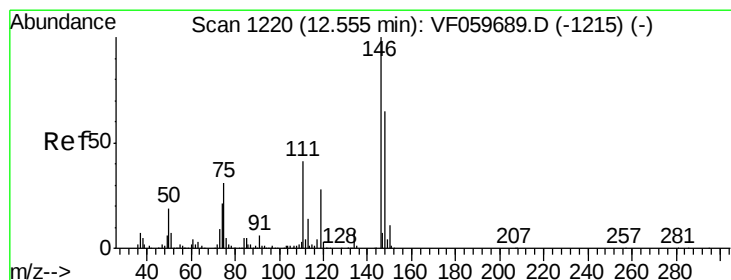
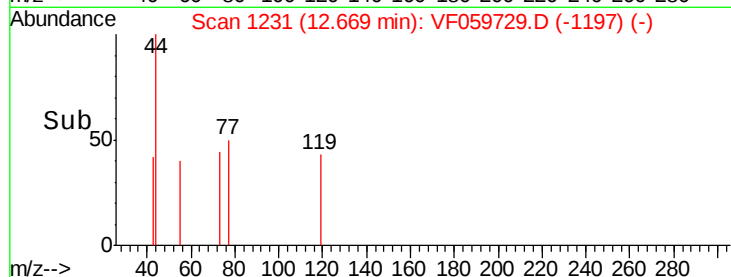
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	0.0	13.4	40.2#



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): V

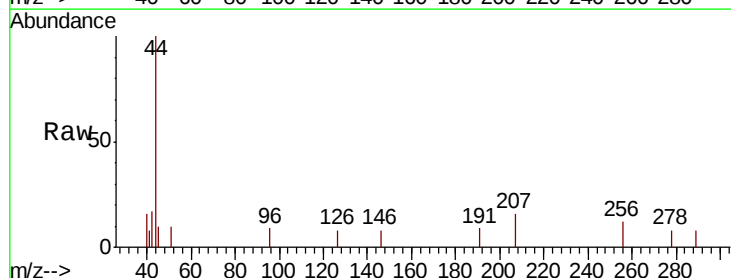


Time-->

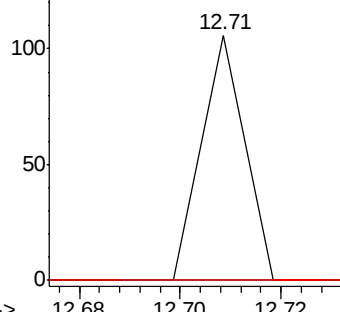


#87
 1,3-Dichlorobenzene
 Concen: 31.958 ug/l
 RT: 12.71 min Scan# 1235
 Delta R.T. 0.15 min
 Lab File: VF059729.D
 Acq: 1 Aug 2018 2:17

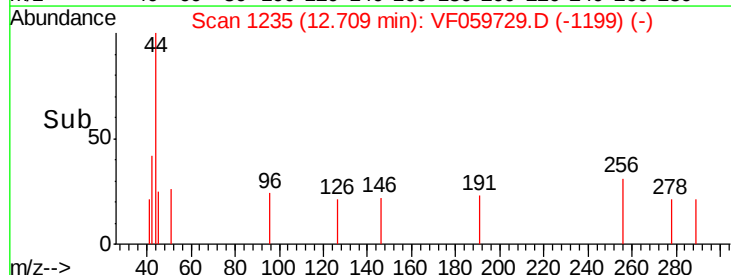
Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1#
148	0.0	32.3	96.8#

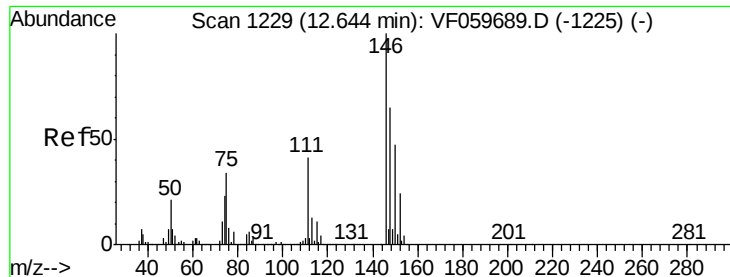


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



Time-->





#88

1,4-Dichlorobenzene

Concen: 32.242 ug/l

RT: 12.71 min Scan# 1235

Delta R.T. 0.07 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

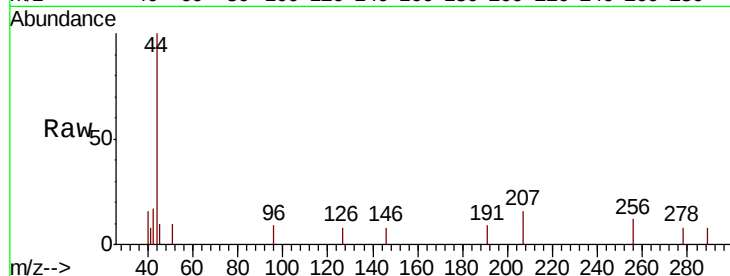
Tot Ion:146 Resp: 63

Ion Ratio Lower Upper

146 100

111 0.0 20.8 62.2#

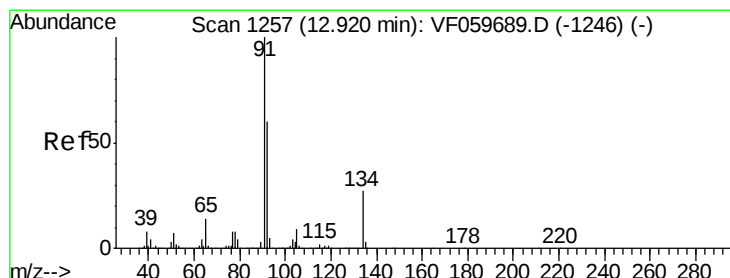
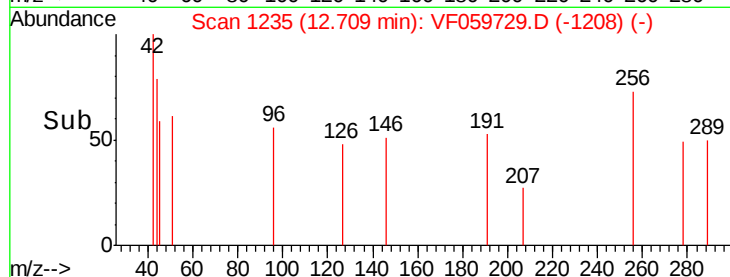
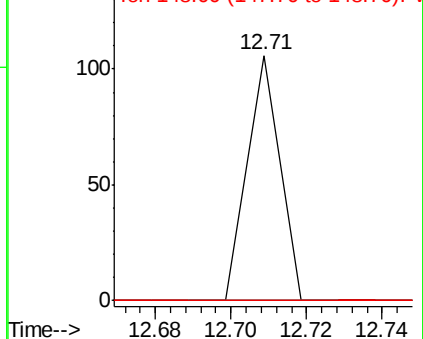
148 0.0 32.3 96.9#



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: 16.661 ug/l

RT: 12.92 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

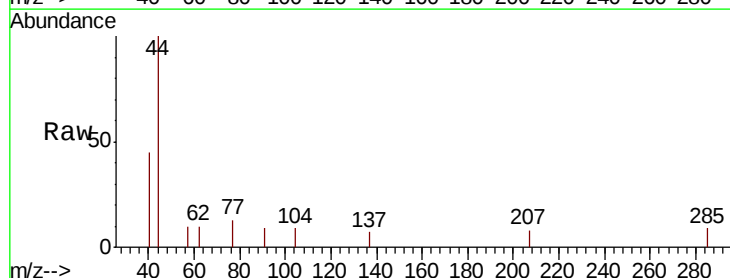
Tgt Ion: 91 Resp: 75

Ion Ratio Lower Upper

91 100

92 0.0 30.1 90.3#

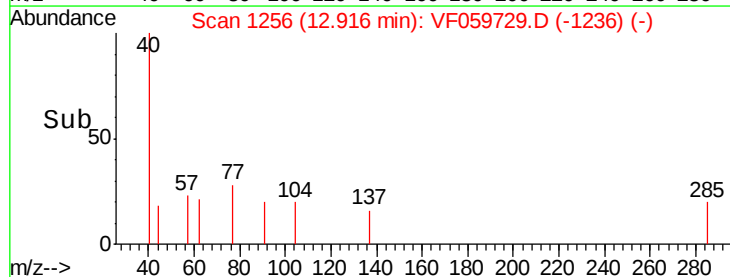
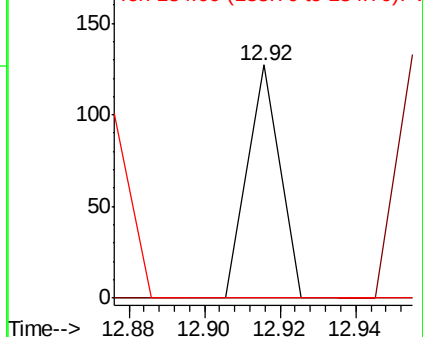
134 0.0 13.7 41.0#

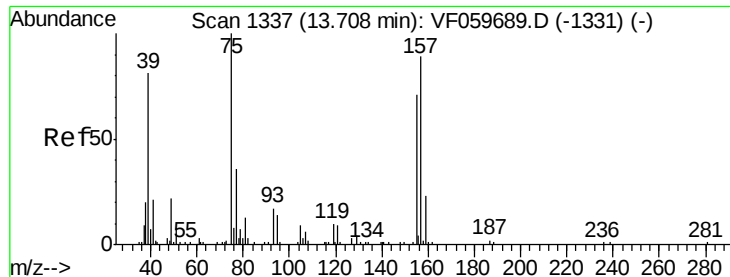


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 356.283 ug/l

RT: 13.68 min Scan# 1334

Delta R.T. -0.02 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

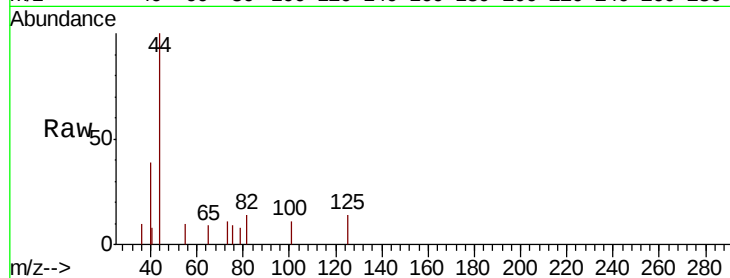
Tot Ion: 75 Resp: 71

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

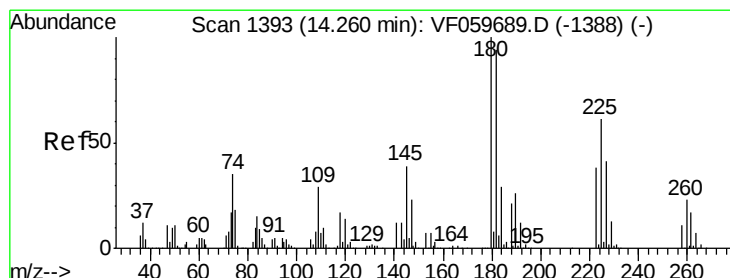
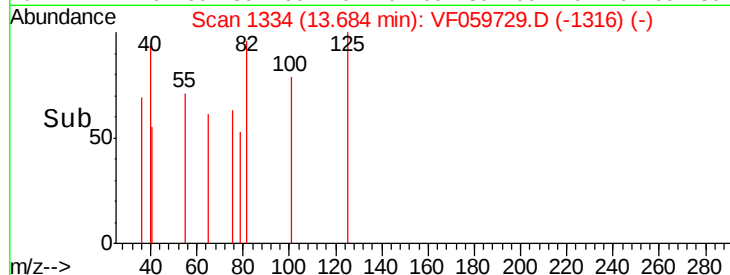
13.68

100

50

0

Time--> 13.66 13.68 13.70



#93

1,2,4-Trichlorobenzene

Concen: 98.555 ug/l

RT: 14.29 min Scan# 1395

Delta R.T. 0.03 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

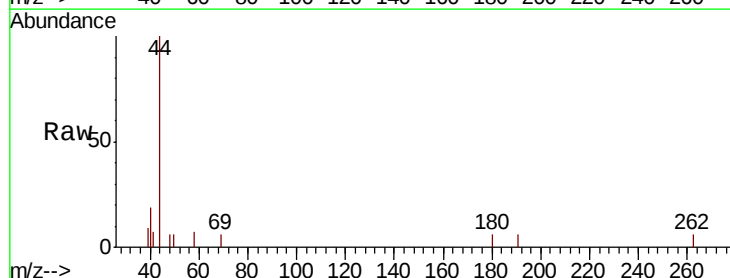
Tgt Ion: 180 Resp: 135

Ion Ratio Lower Upper

180 100

182 0.0 47.2 141.6#

145 0.0 19.3 57.9#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

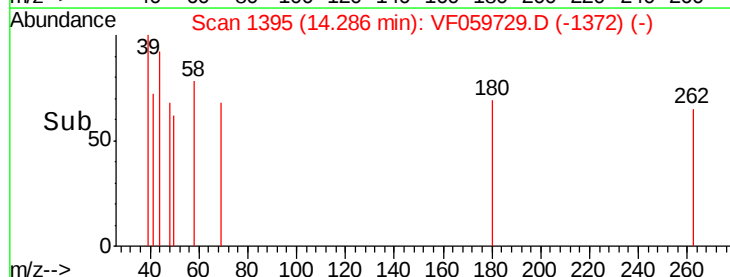
14.29

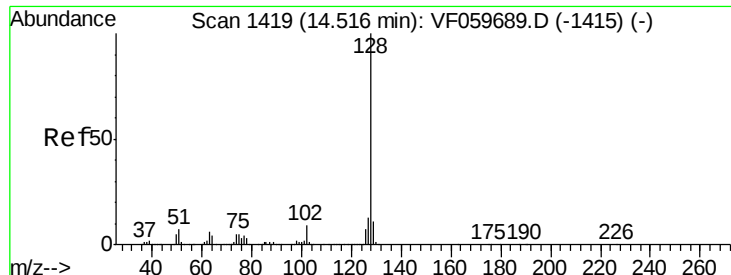
100

50

0

Time--> 14.25 14.30





#95

Naphthalene

Concen: 27.060 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF059729.D

Acq: 1 Aug 2018 2:17

Instrument :

MSVOA_F

ClientSampleId :

SU-03-072718RE

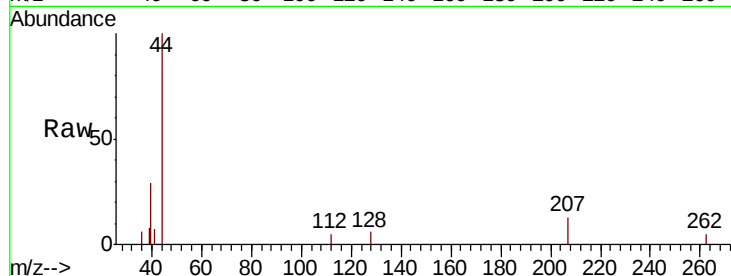
Tot Ion:128 Resp: 77

Ion Ratio Lower Upper

128 100

127 100.0 10.0 15.0#

129 0.0 8.6 13.0#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

