

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062389.D
 Acq On : 8 May 2019 20:48
 Operator : FY/SY
 Sample : K2672-03RE
 Misc : 5.07g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-1.0-1.5

Quant Time: May 09 05:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	44906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	50668	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	31176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.59	152	11310	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	11973	28.21	ug/l	0.00
Spiked Amount			Recovery	=	56.42%	
35) Dibromofluoromethane	4.28	113	17265	42.77	ug/l	-0.02
Spiked Amount			Recovery	=	85.54%	
50) Toluene-d8	7.70	98	35212	36.04	ug/l	0.00
Spiked Amount			Recovery	=	72.08%	
62) 4-Bromofluorobenzene	11.48	95	12349	28.01	ug/l	0.00
Spiked Amount			Recovery	=	56.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.18	50	578	1.686	ug/l #	44
5) Bromomethane	1.38	94	984	1.373	ug/l #	59
8) Diethyl Ether	1.58	74	543	5.059	ug/l	54
11) Tert butyl alcohol	2.70	59	121	5.045	ug/l #	70
12) 1,1-Dichloroethene	1.88	96	377	1.095	ug/l #	1
13) Acrolein	2.08	56	247	Below Cal	#	64
15) Acrylonitrile	3.12	53	188	4.138	ug/l #	33
16) Acetone	2.30	43	420	4.892	ug/l #	62
18) Methyl Acetate	2.48	43	1609	7.623	ug/l	99
19) Methyl tert-butyl Ether	2.53	73	961	1.352	ug/l #	33
20) Methylene Chloride	2.29	84	4651	14.974	ug/l #	77
23) Vinyl Acetate	3.33	43	530	1.251	ug/l #	79
25) 2-Butanone	4.52	43	483	4.478	ug/l #	42
26) 2,2-Dichloropropane	3.80	77	516	1.608	ug/l	97
29) Tetrahydrofuran	4.29	42	449	9.058	ug/l #	36
37) Ethyl Acetate	4.31	43	216	Below Cal	#	73
38) Carbon Tetrachloride	4.14	117	61	Below Cal	#	14
41) Methacrylonitrile	4.93	41	505	4.839	ug/l #	31
43) Isopropyl Acetate	7.09	43	376	1.899	ug/l #	48
48) Methyl methacrylate	6.83	41	636	4.546	ug/l #	68
49) 1,4-Dioxane	7.01	88	63	31.122	ug/l #	1
51) 4-Methyl-2-Pentanone	8.38	43	578	3.853	ug/l #	61
55) 1,1,2-Trichloroethane	8.51	97	402	2.142	ug/l #	14
56) Ethyl methacrylate	8.75	69	4435	22.383	ug/l #	81
58) 2-Chloroethyl Vinyl ether	7.34	63	60	1.007	ug/l #	42
59) 2-Hexanone	9.71	43	241	2.323	ug/l	69
74) N-amyl acetate	11.46	43	649	4.509	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	11.71	83	575	5.477	ug/l #	22
76) 1,2,3-Trichloropropane	11.88	75	86	1.074	ug/l #	100
78) n-propylbenzene	11.66	91	804	1.126	ug/l #	52
81) trans-1,4-Dichloro-2-buten	11.97	75	65	2.159	ug/l #	1
82) 4-Chlorotoluene	11.96	91	486	1.109	ug/l #	62
84) 1,2,4-Trimethylbenzene	12.25	105	729	1.268	ug/l	77
86) p-Isopropyltoluene	12.51	119	890	1.274	ug/l #	64

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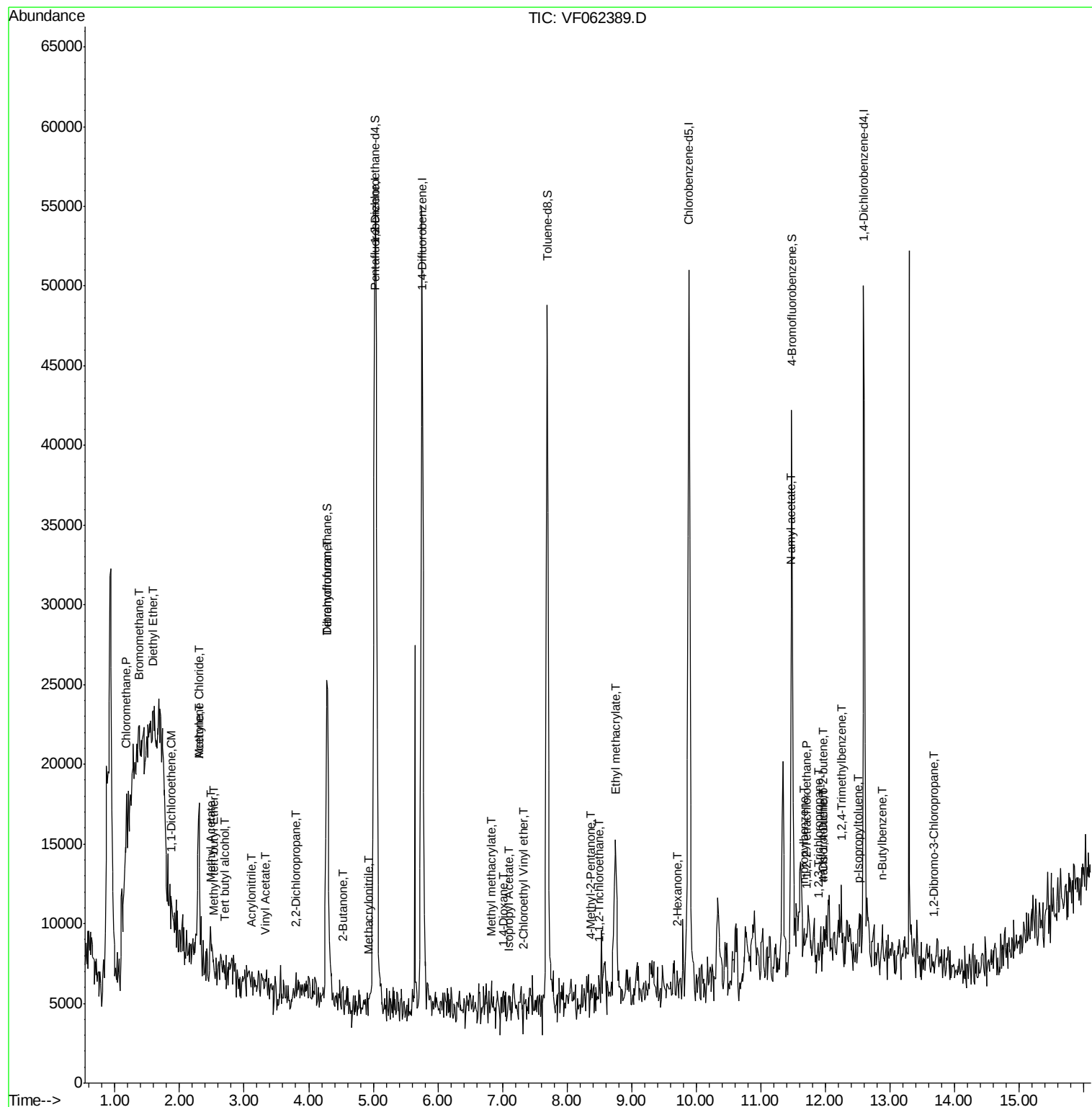
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.88	91	641	1.032	ug/l #	82
92) 1,2-Dibromo-3-Chloropropan	13.67	75	142	6.038	ug/l #	12

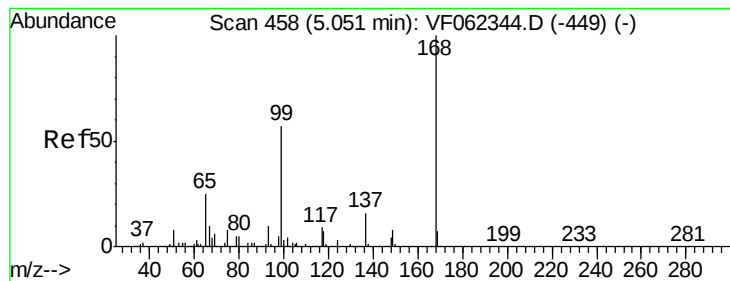
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

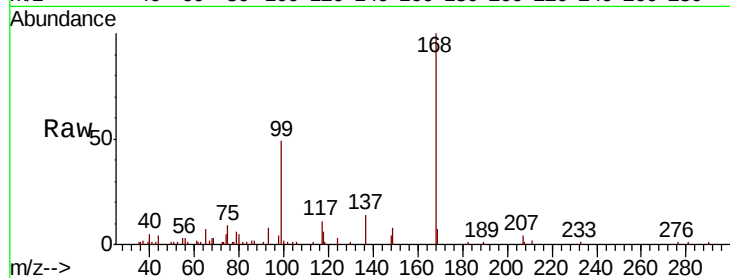
SB-02-1.0-1.5

Tot Ion:168 Resp: 44906

Ion Ratio Lower Upper

168 100

99 48.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

15000

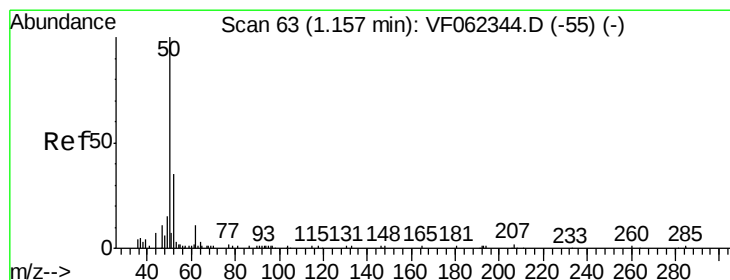
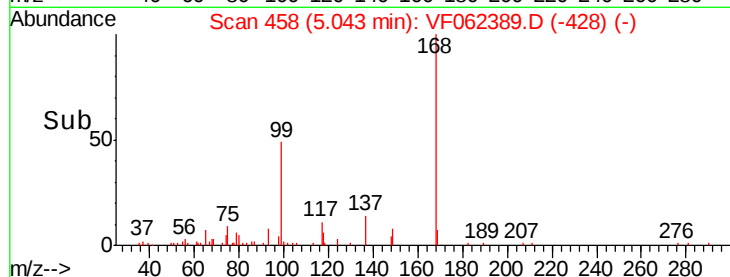
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#3

Chloromethane

Concen: 1.686 ug/l

RT: 1.18 min Scan# 66

Delta R.T. 0.02 min

Lab File: VF062389.D

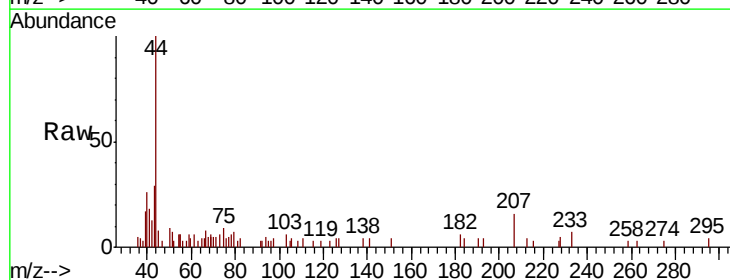
Acq: 8 May 2019 20:48

Tgt Ion: 50 Resp: 578

Ion Ratio Lower Upper

50 100

52 1.2 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

1.18

300

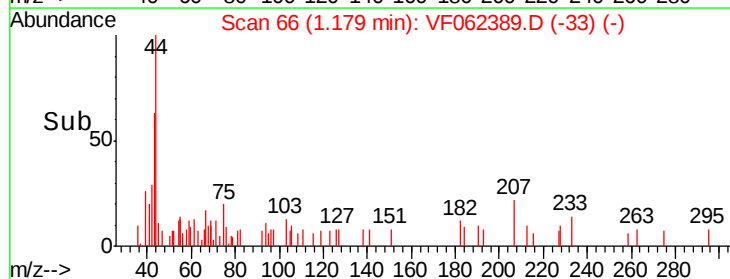
200

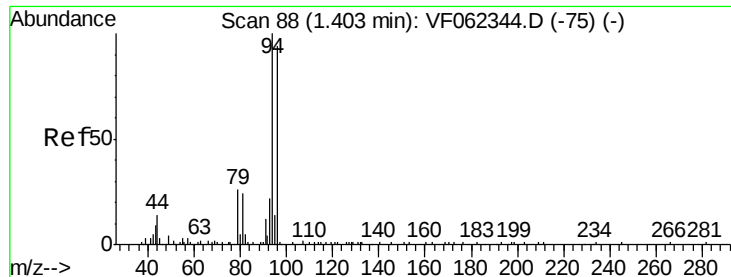
100

0

1.14 1.16 1.18 1.20

Time-->





#5

Bromomethane

Concen: 1.373 ug/l

RT: 1.38 min Scan# 86

Delta R.T. -0.03 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

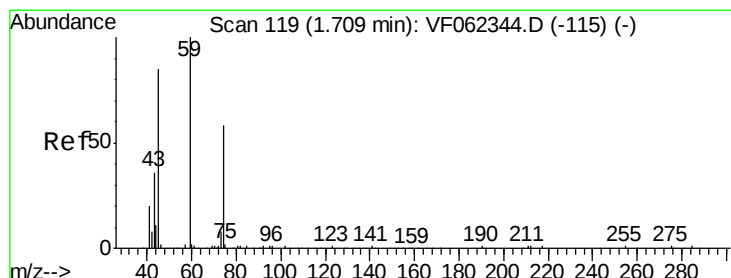
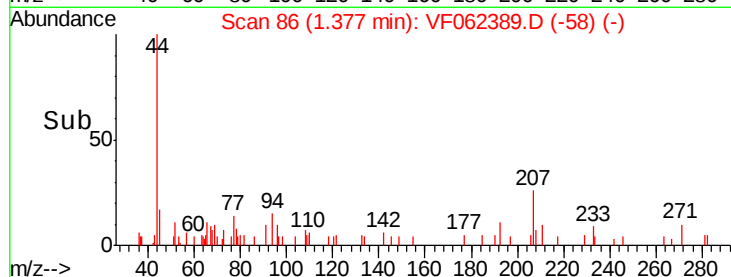
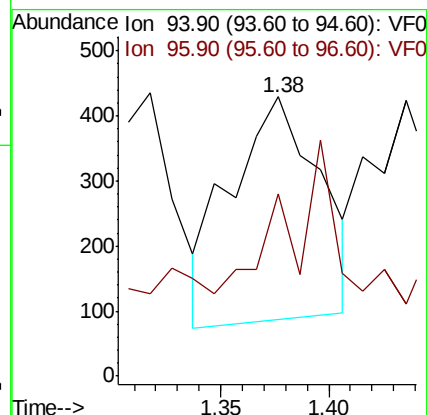
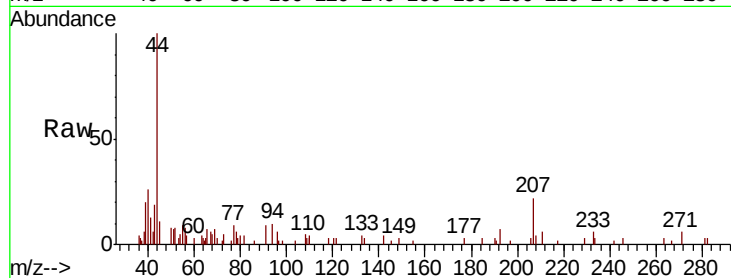
SB-02-1.0-1.5

Tot Ion: 94 Resp: 984

Ion Ratio Lower Upper

94 100

96 54.4 75.4 113.2#



#8

Diethyl Ether

Concen: 5.059 ug/l

RT: 1.58 min Scan# 107

Delta R.T. -0.13 min

Lab File: VF062389.D

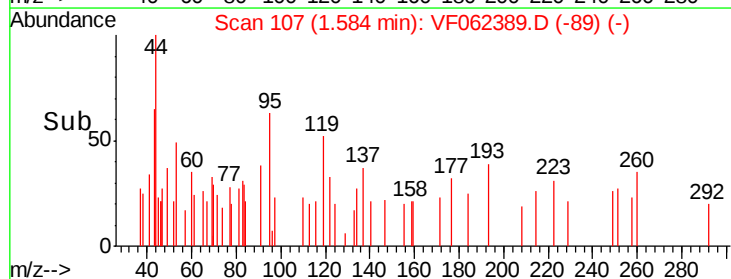
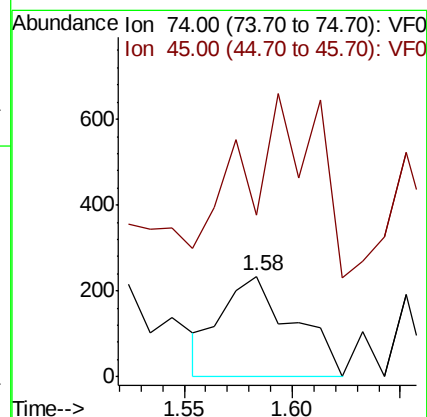
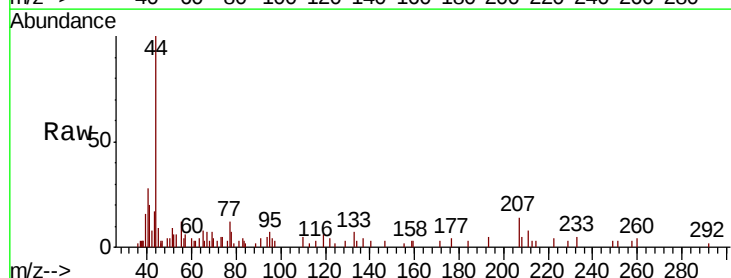
Acq: 8 May 2019 20:48

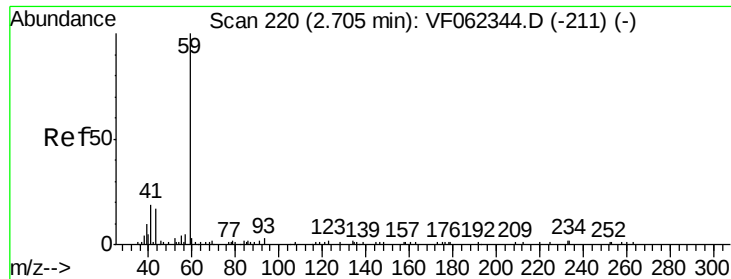
Tgt Ion: 74 Resp: 543

Ion Ratio Lower Upper

74 100

45 205.7 73.9 221.6

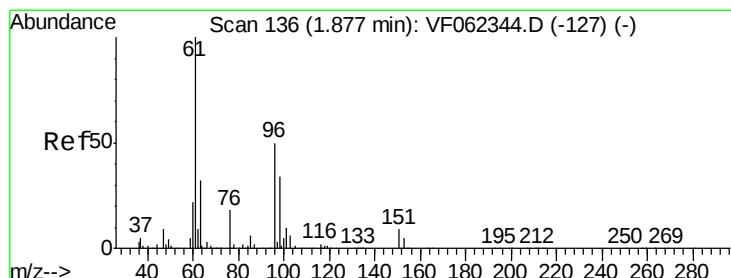
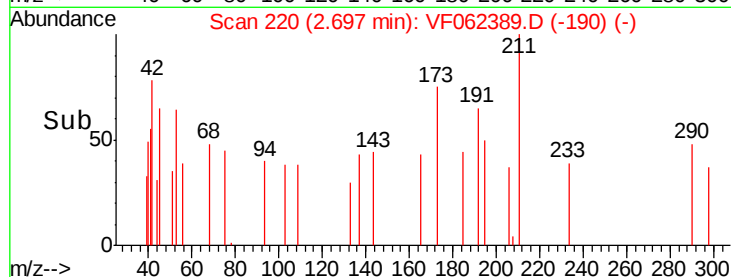
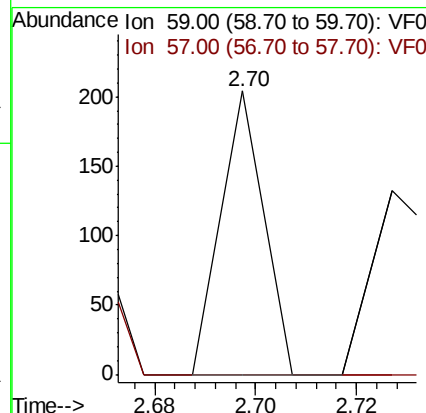
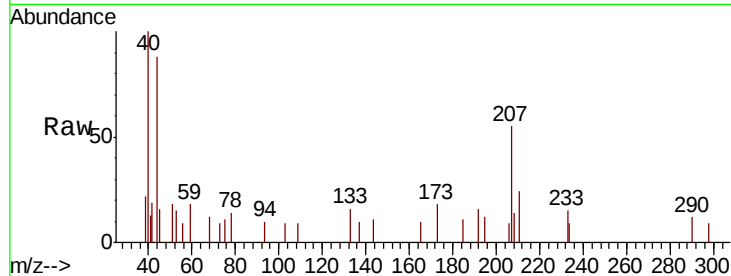




#11
Tert butyl alcohol
Concen: 5.045 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

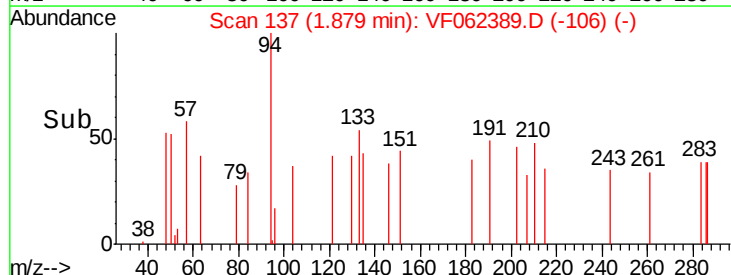
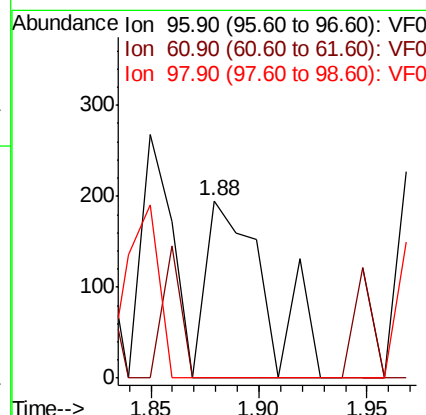
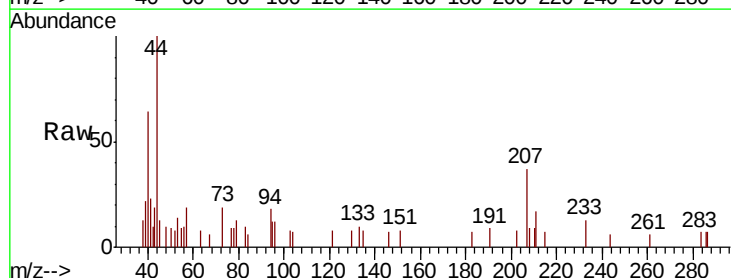
Instrument :
MSVOA_F
ClientSampleId :
SB-02-1.0-1.5

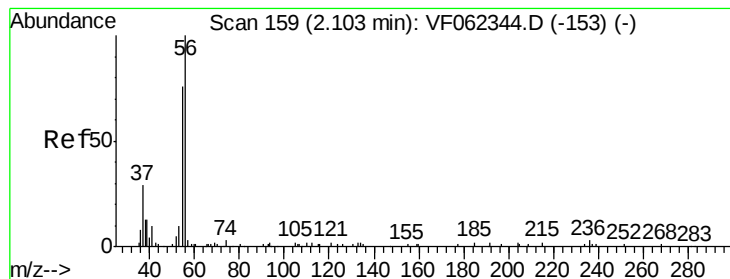
Tot Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 1.095 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.00 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

Tgt Ion: 96 Resp: 377
Ion Ratio Lower Upper
96 100
61 0.0 163.2 244.8#
98 0.0 55.2 82.8#





#13

Acrolein

Concen: Below Cal

RT: 2.08 min Scan# 157

Delta R.T. -0.03 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

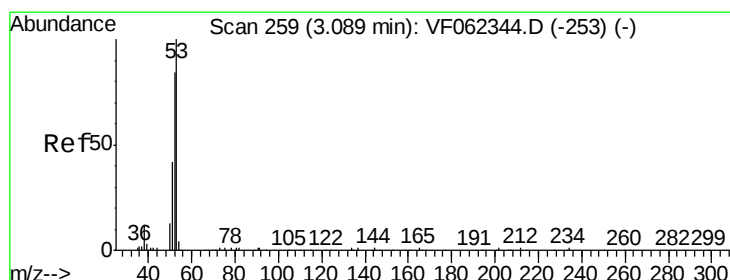
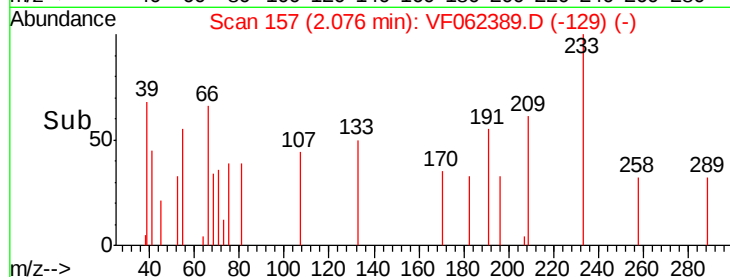
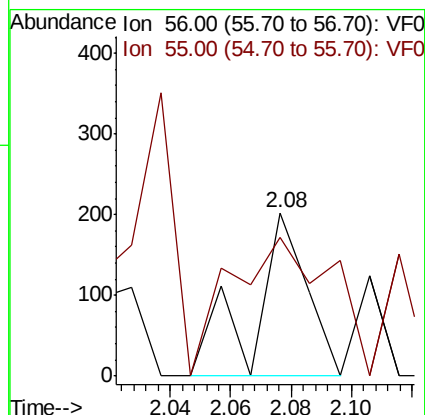
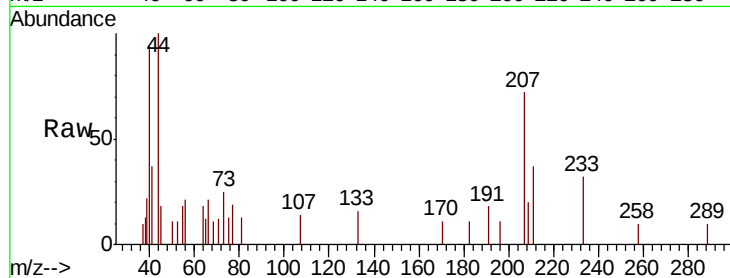
SB-02-1.0-1.5

Tot Ion: 56 Resp: 247

Ion Ratio Lower Upper

56 100

55 102.8 58.4 87.6#



#15

Acrylonitrile

Concen: 4.138 ug/l

RT: 3.12 min Scan# 263

Delta R.T. 0.03 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

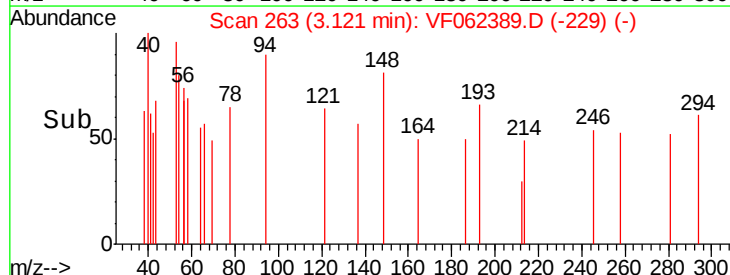
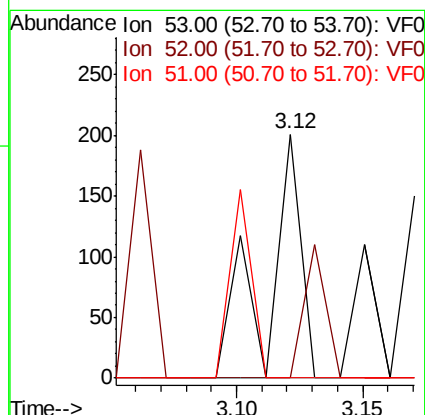
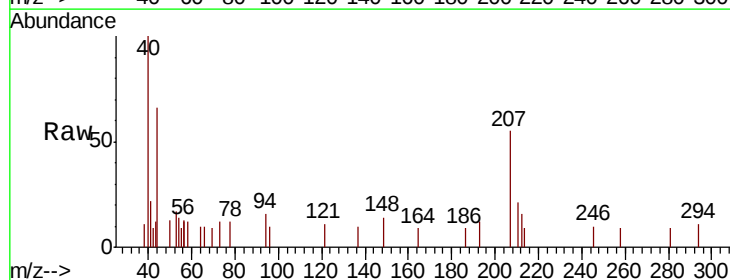
Tgt Ion: 53 Resp: 188

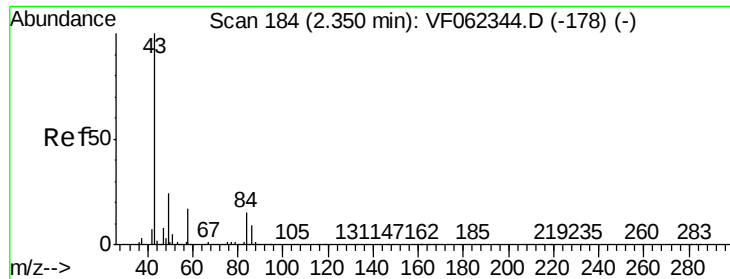
Ion Ratio Lower Upper

53 100

52 34.6 77.2 115.8#

51 0.0 40.6 61.0#





#16

Acetone

Concen: 4.892 ug/l

RT: 2.30 min Scan# 180

Delta R.T. -0.05 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

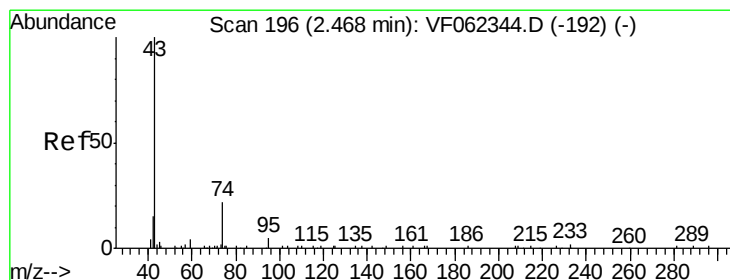
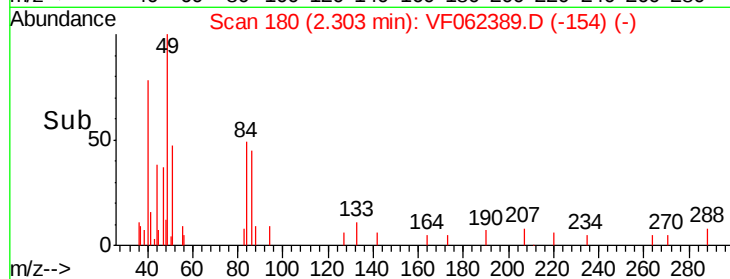
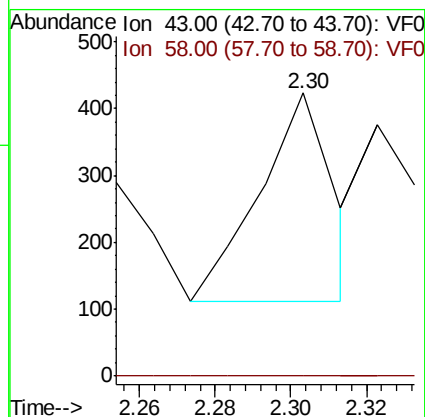
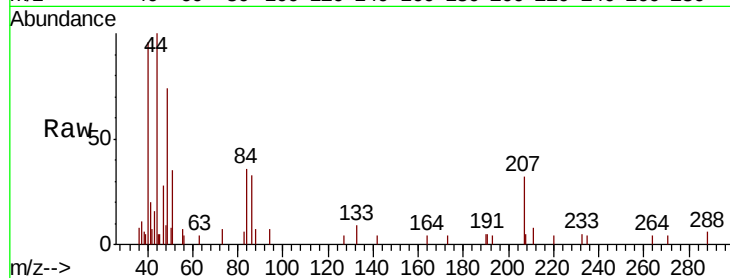
SB-02-1.0-1.5

Tot Ion: 43 Resp: 420

Ion Ratio Lower Upper

43 100

58 0.0 13.1 19.7#



#18

Methyl Acetate

Concen: 7.623 ug/l

RT: 2.48 min Scan# 198

Delta R.T. 0.01 min

Lab File: VF062389.D

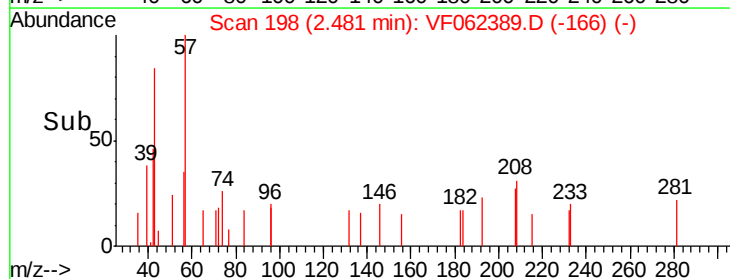
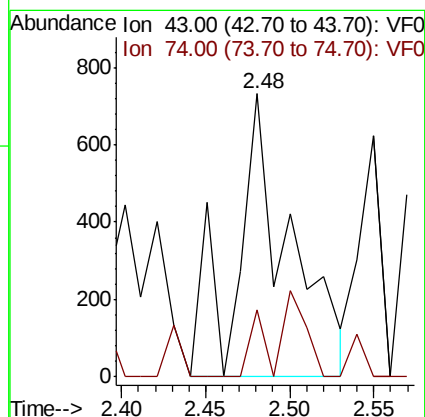
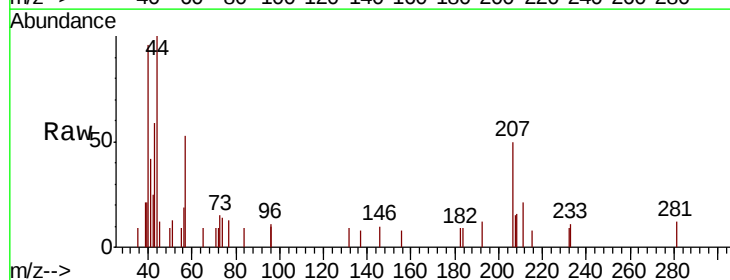
Acq: 8 May 2019 20:48

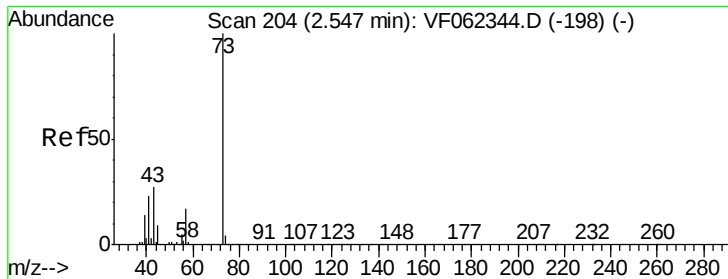
Tgt Ion: 43 Resp: 1609

Ion Ratio Lower Upper

43 100

74 19.2 15.0 22.4



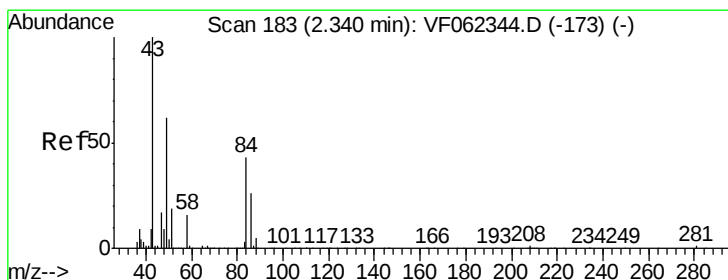
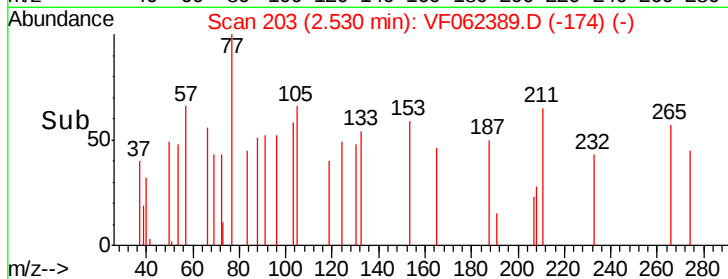
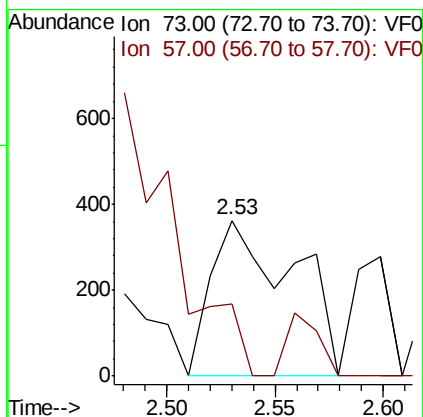
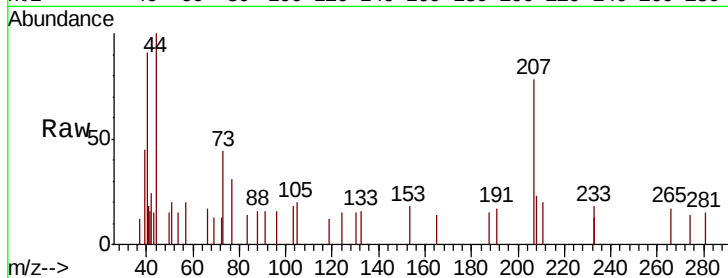


#19

Methyl tert-butyl Ether
 Concen: 1.352 ug/l
 RT: 2.53 min Scan# 203
 Delta R.T. -0.02 min
 Lab File: VF062389.D
 Acq: 8 May 2019 20:48

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-1.0-1.5

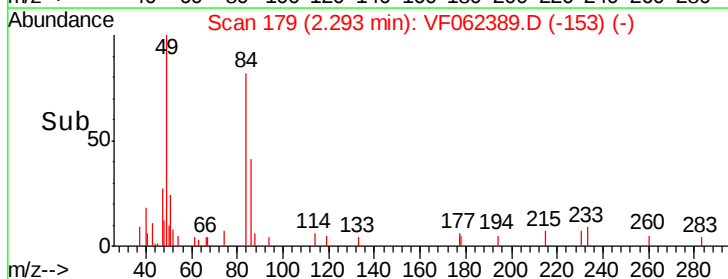
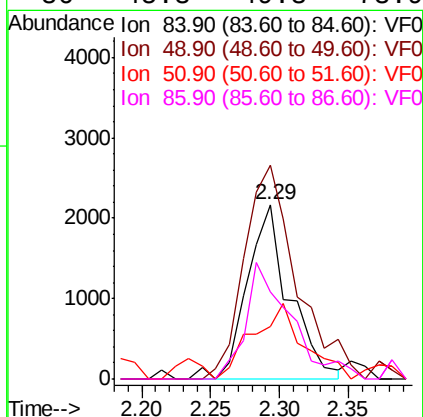
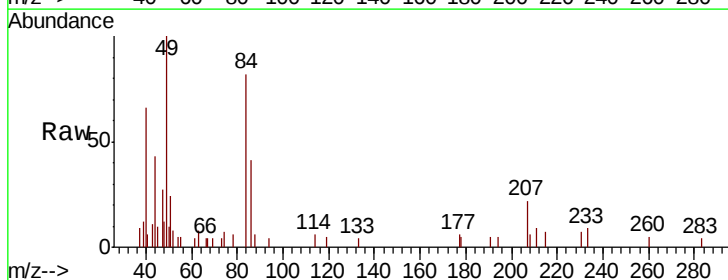
Tot Ion: 73 Resp: 961
 Ion Ratio Lower Upper
 73 100
 57 46.4 13.7 20.5#

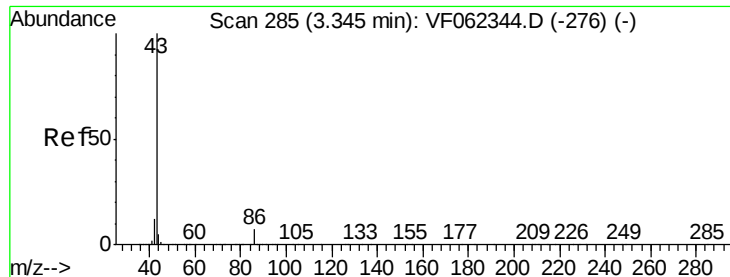


#20

Methylene Chloride
 Concen: 14.974 ug/l
 RT: 2.29 min Scan# 179
 Delta R.T. -0.05 min
 Lab File: VF062389.D
 Acq: 8 May 2019 20:48

Tgt Ion: 84 Resp: 4651
 Ion Ratio Lower Upper
 84 100
 49 122.3 117.5 176.3
 51 20.7 37.0 55.4#
 86 45.3 49.3 73.9#





#23

Vinyl Acetate

Concen: 1.251 ug/l

RT: 3.33 min Scan# 284

Delta R.T. -0.02 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

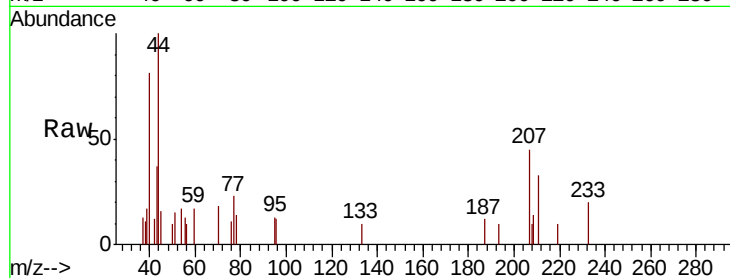
SB-02-1.0-1.5

Tot Ion: 43 Resp: 530

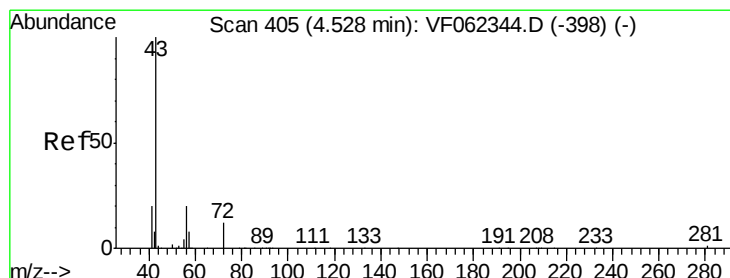
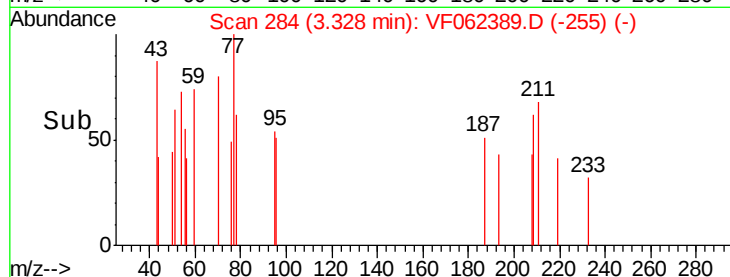
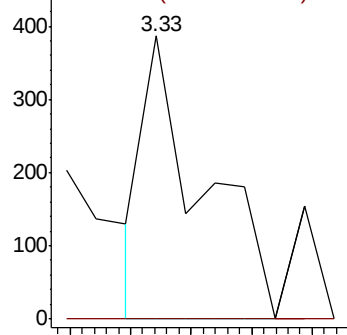
Ion Ratio Lower Upper

43 100

86 0.0 5.7 8.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0



#25

2-Butanone

Concen: 4.478 ug/l

RT: 4.52 min Scan# 405

Delta R.T. -0.01 min

Lab File: VF062389.D

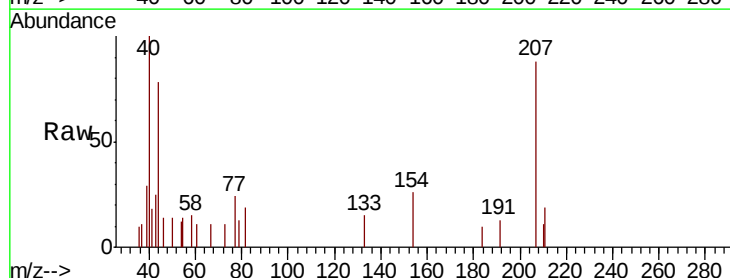
Acq: 8 May 2019 20:48

Tgt Ion: 43 Resp: 483

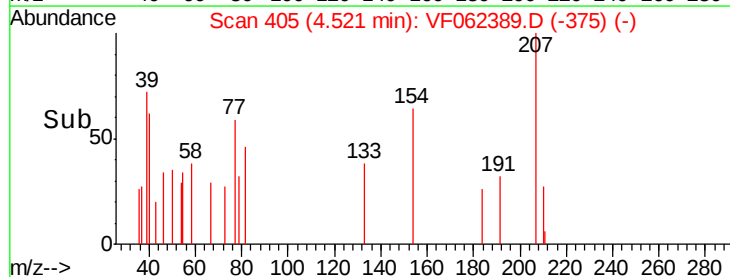
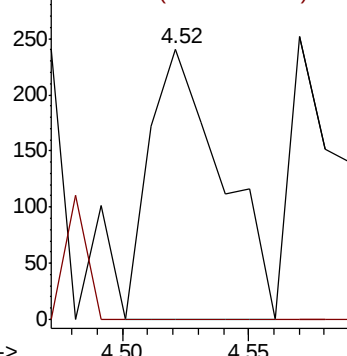
Ion Ratio Lower Upper

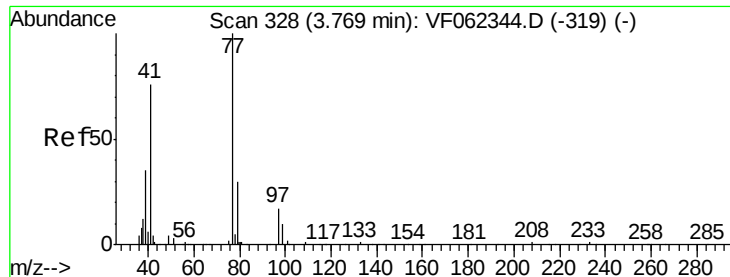
43 100

72 43.2 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0





#26

2,2-Dichloropropane

Concen: 1.608 ug/l

RT: 3.80 min Scan# 332

Delta R.T. 0.03 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

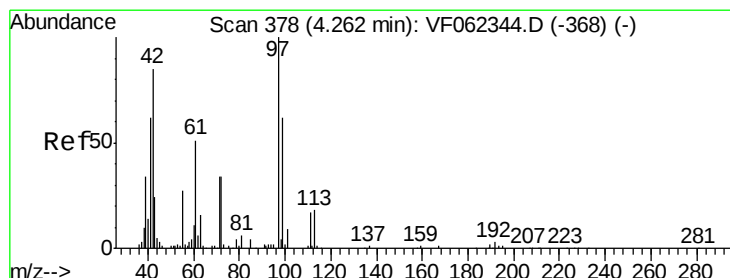
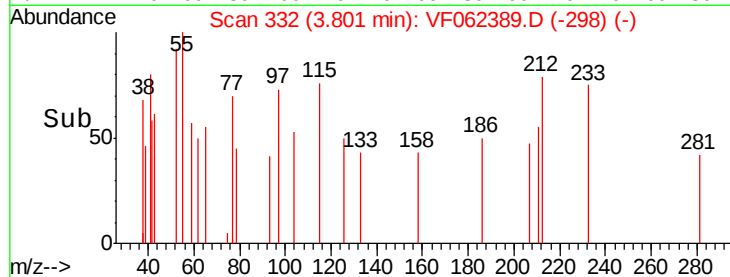
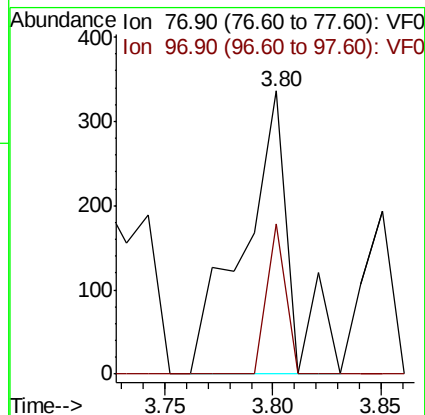
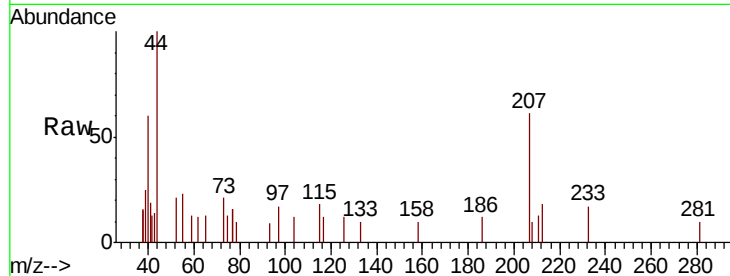
SB-02-1.0-1.5

Tot Ion: 77 Resp: 516

Ion Ratio Lower Upper

77 100

97 20.5 9.5 28.5



#29

Tetrahydrofuran

Concen: 9.058 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.03 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

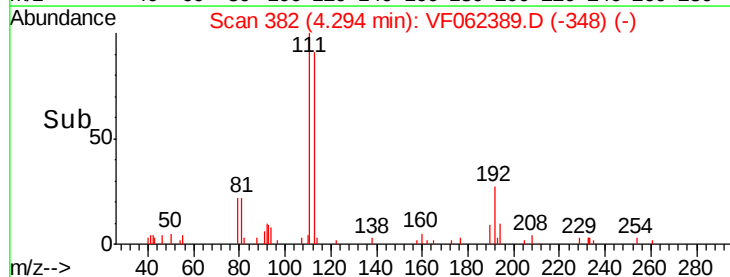
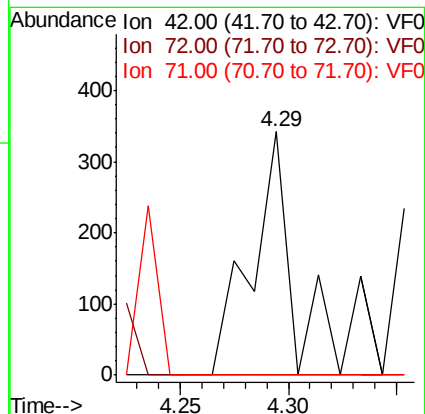
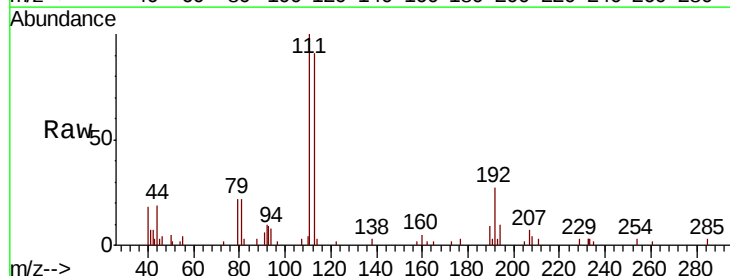
Tgt Ion: 42 Resp: 449

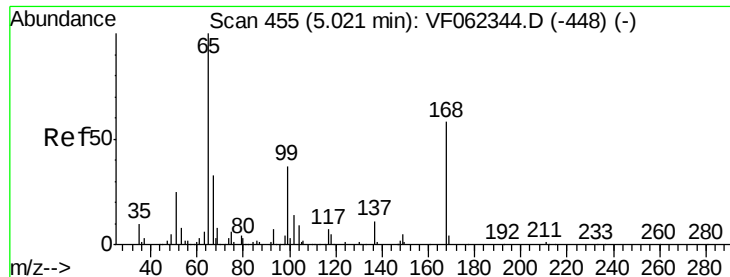
Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

71 0.0 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 28.213 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

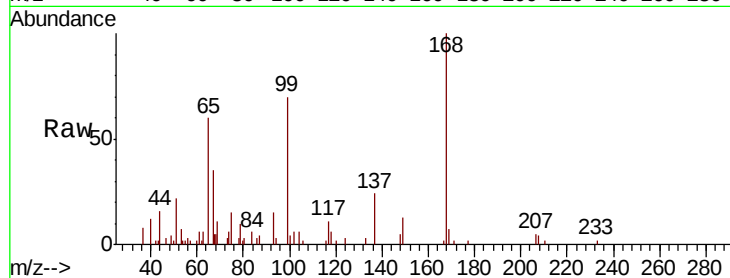
SB-02-1.0-1.5

Tot Ion: 65 Resp: 11973

Ion Ratio Lower Upper

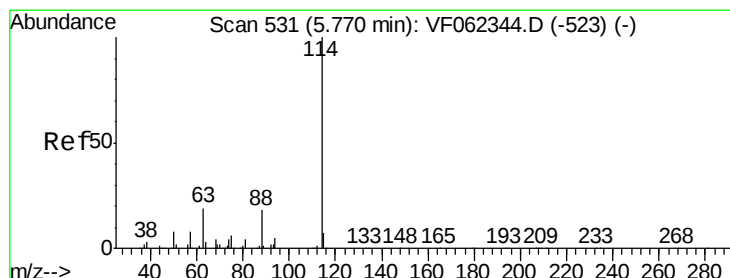
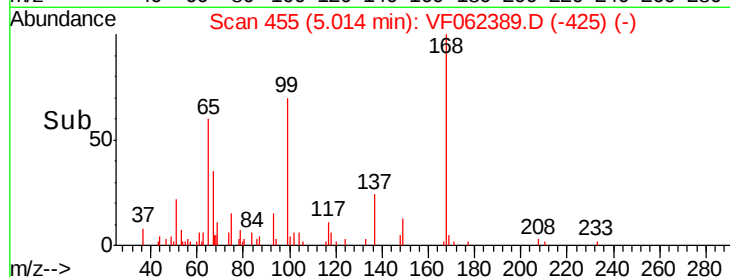
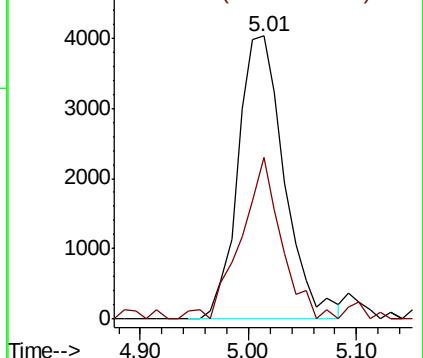
65 100

67 49.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

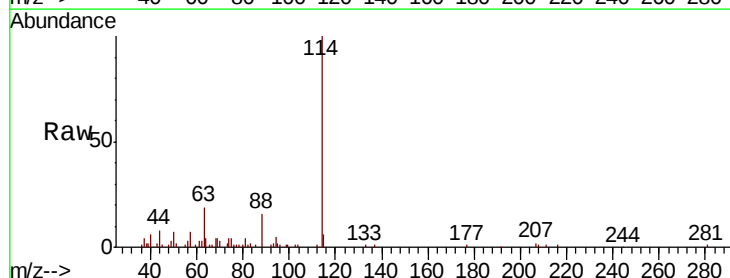
Tgt Ion: 114 Resp: 50668

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

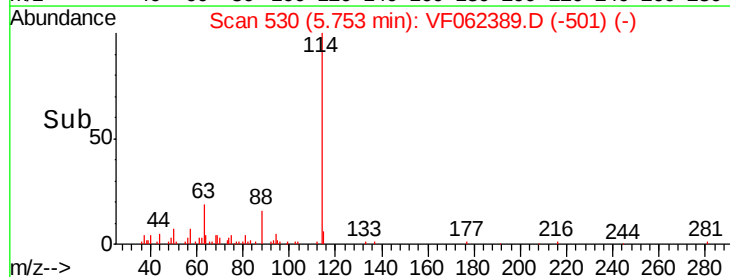
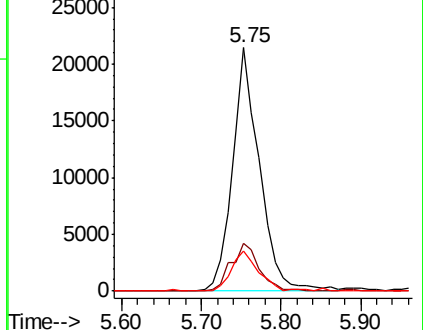
88 16.3 0.0 36.4

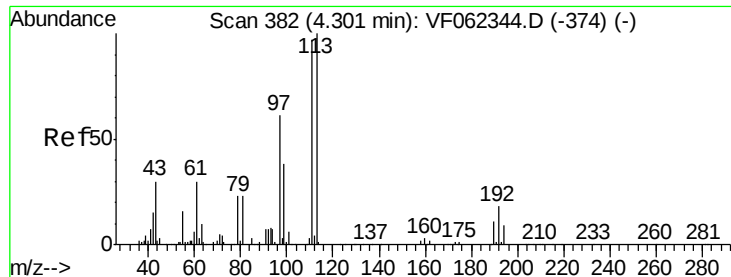


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

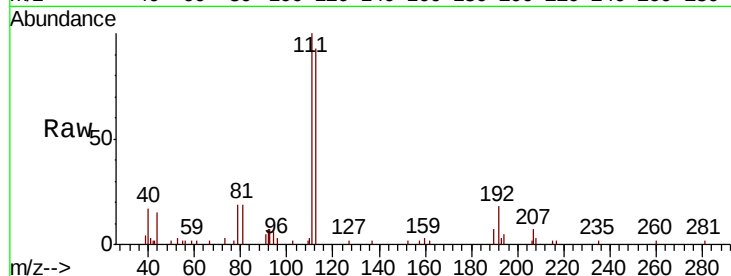




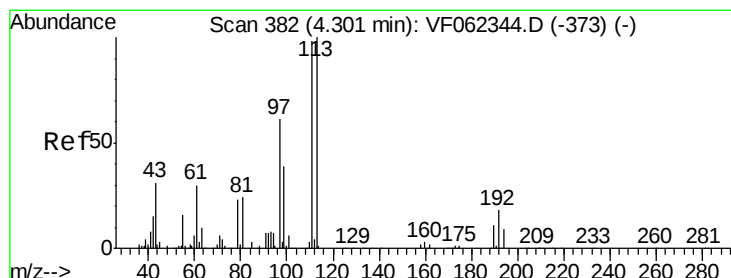
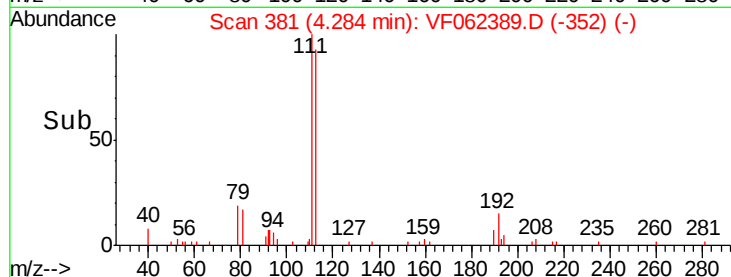
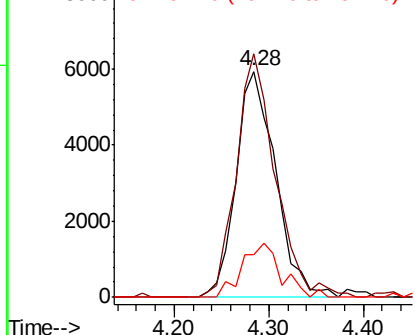
#35
Dibromofluoromethane
Concen: 42.771 ug/l
RT: 4.28 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

Instrument :
MSVOA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion:113 Resp: 17265
Ion Ratio Lower Upper
113 100
111 106.5 79.4 119.0
192 23.8 16.0 24.0

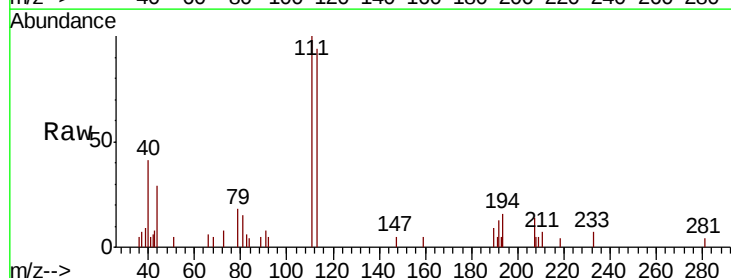


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

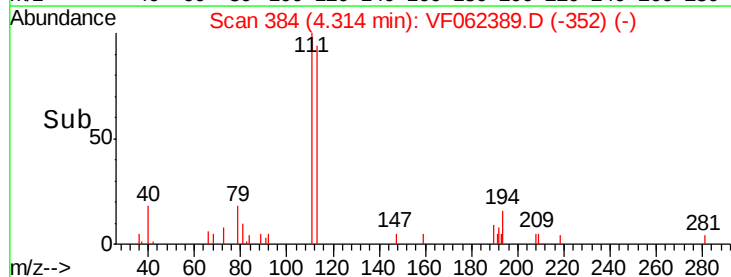
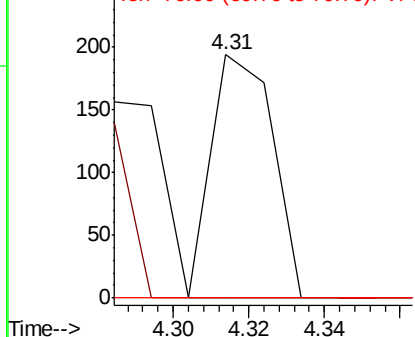


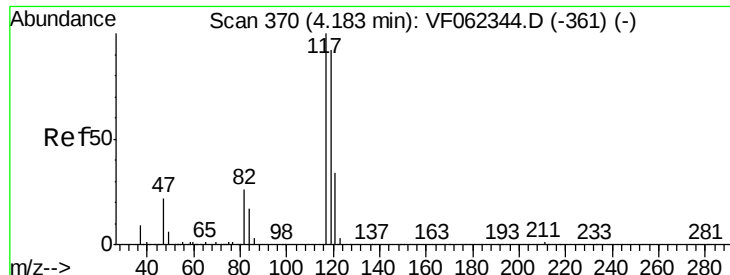
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 70.00 (69.70 to 70.70): VF0





#38

Carbon Tetrachloride

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.05 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

SB-02-1.0-1.5

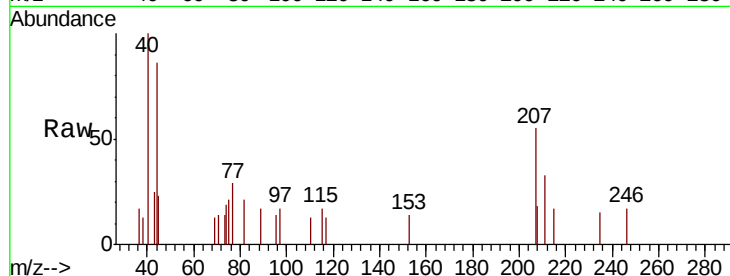
Tot Ion:117 Resp: 61

Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

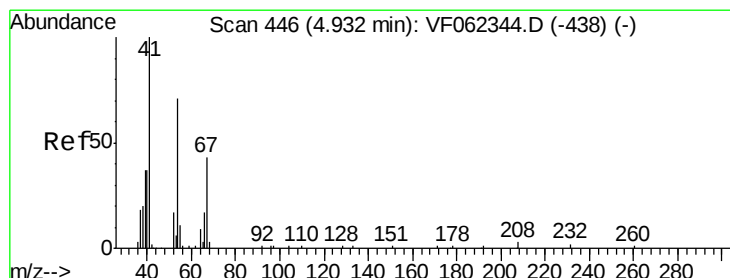
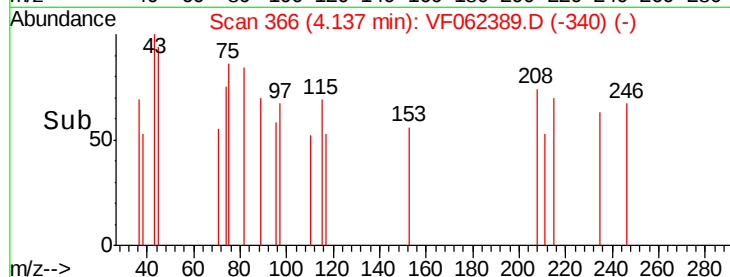
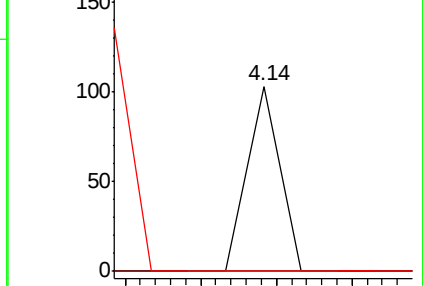
121 0.0 27.4 41.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 4.839 ug/l

RT: 4.93 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Tgt Ion: 41 Resp: 505

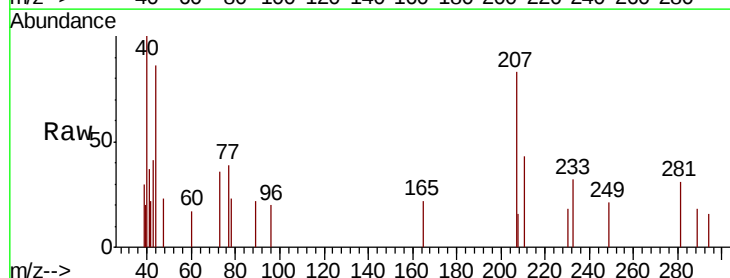
Ion Ratio Lower Upper

41 100

39 106.9 54.3 81.5#

67 0.0 37.8 56.8#

52 0.0 58.2 87.4#

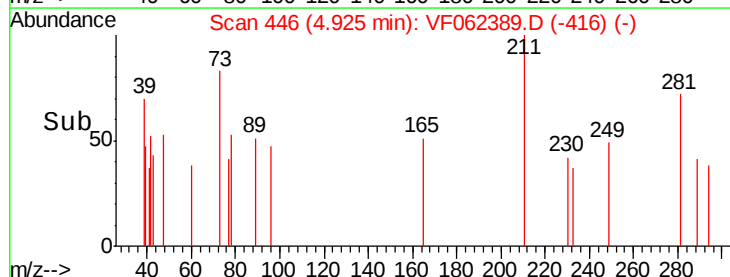
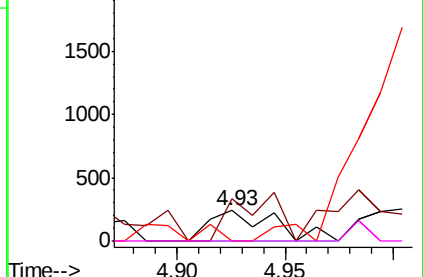


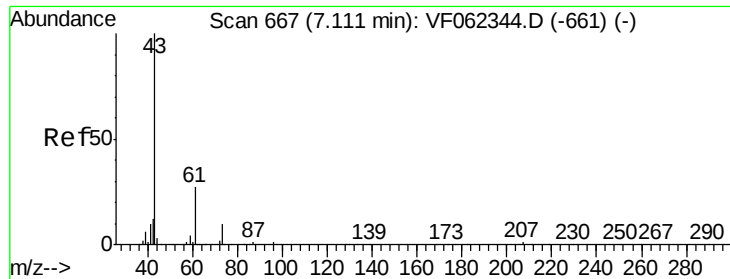
Abundance Ion 41.00 (40.70 to 41.70): VF0

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





#43

Isopropyl Acetate

Concen: 1.899 ug/l

RT: 7.09 min Scan# 666

Delta R.T. -0.02 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

SB-02-1.0-1.5

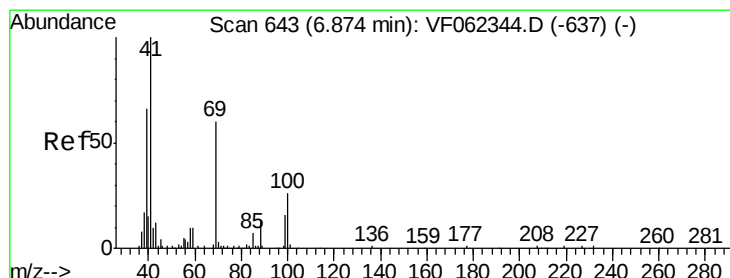
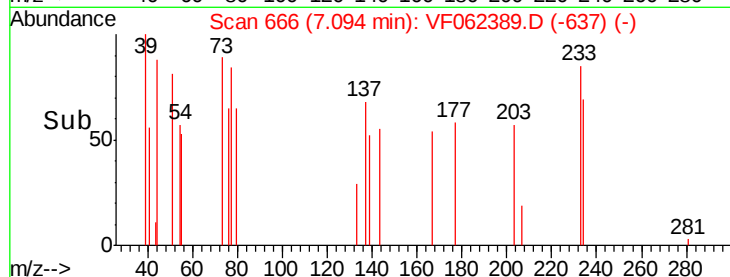
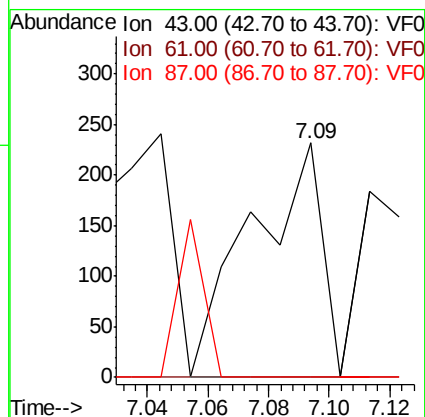
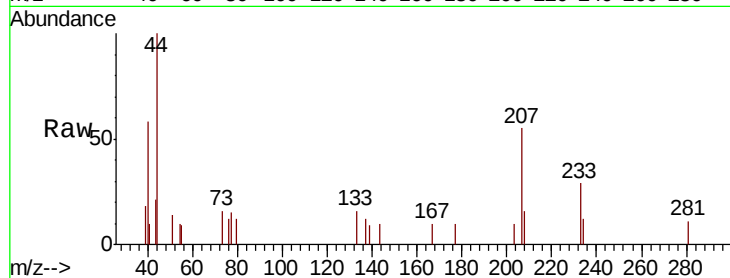
Tot Ion: 43 Resp: 376

Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 0.6 1.0#



#48

Methyl methacrylate

Concen: 4.546 ug/l

RT: 6.83 min Scan# 639

Delta R.T. -0.05 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

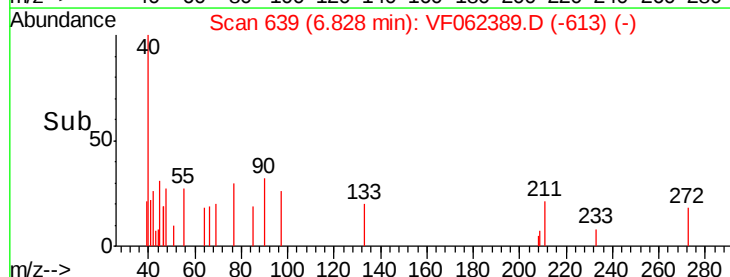
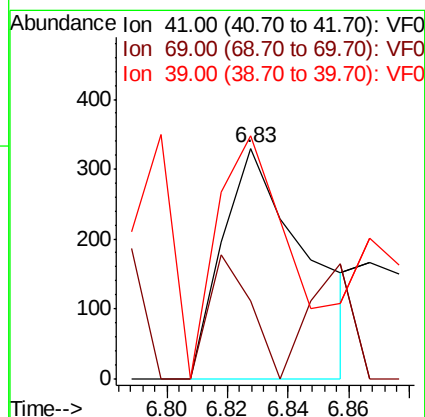
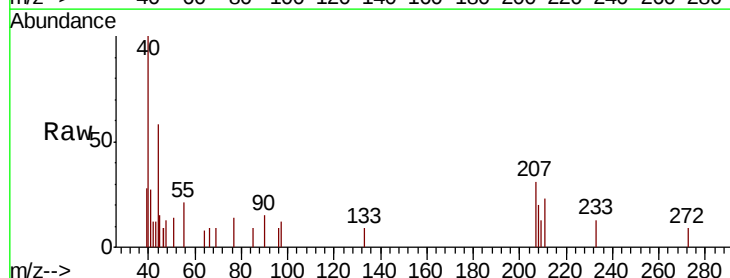
Tgt Ion: 41 Resp: 636

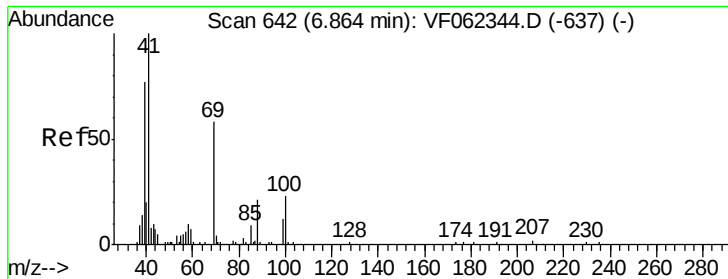
Ion Ratio Lower Upper

41 100

69 26.9 48.6 72.8#

39 87.6 56.1 84.1#





#49

1,4-Dioxane

Concen: 31.122 ug/l

RT: 7.01 min Scan# 657

Delta R.T. 0.14 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

SB-02-1.0-1.5

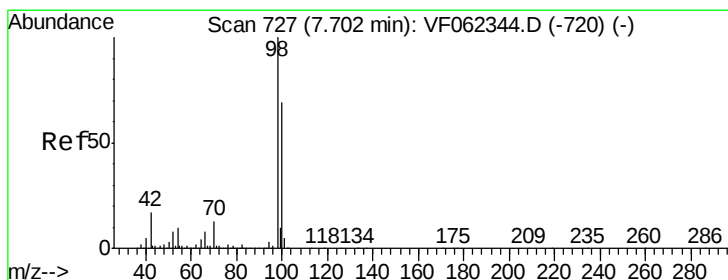
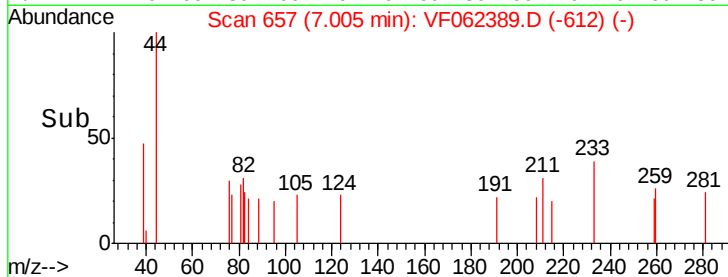
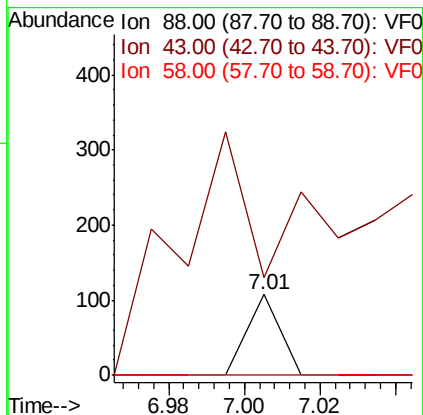
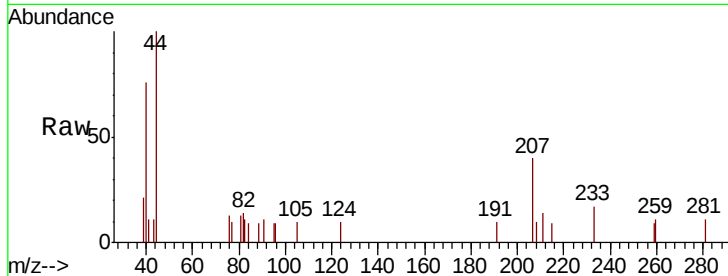
Tot Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

43 1146.0 55.6 83.4#

58 0.0 52.8 79.2#



#50

Toluene-d8

Concen: 36.036 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF062389.D

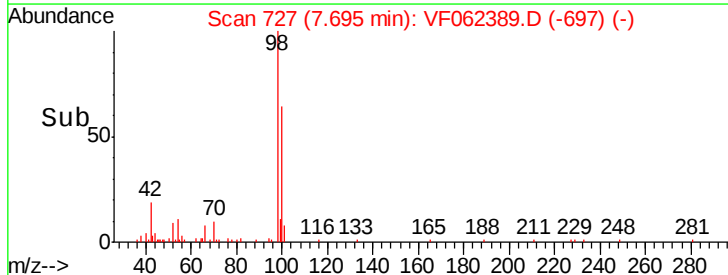
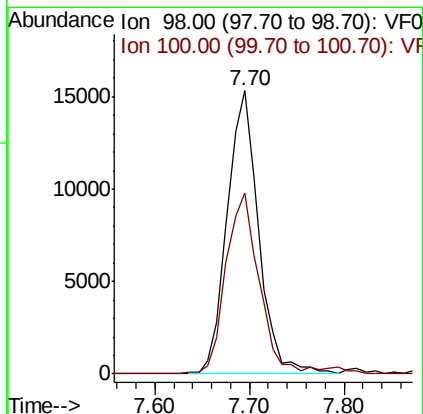
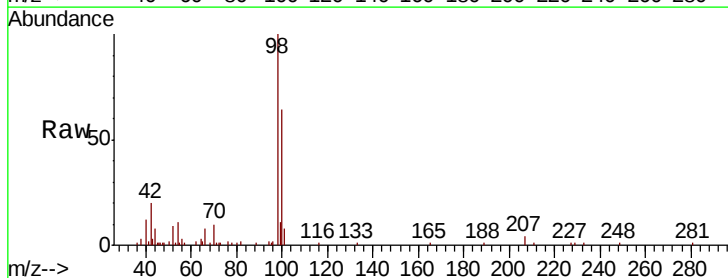
Acq: 8 May 2019 20:48

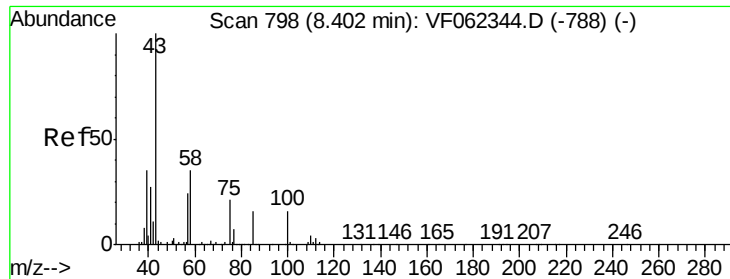
Tgt Ion: 98 Resp: 35212

Ion Ratio Lower Upper

98 100

100 67.9 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 3.853 ug/l

RT: 8.38 min Scan# 796

Delta R.T. -0.03 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

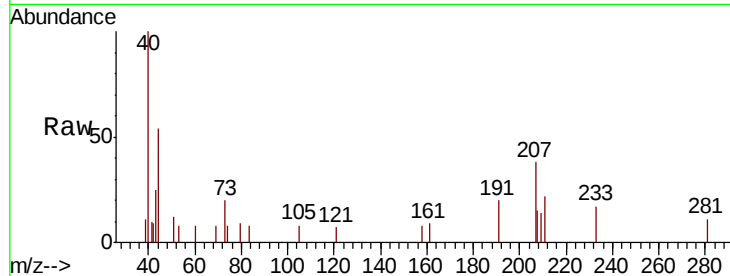
SB-02-1.0-1.5

Tot Ion: 43 Resp: 578

Ion Ratio Lower Upper

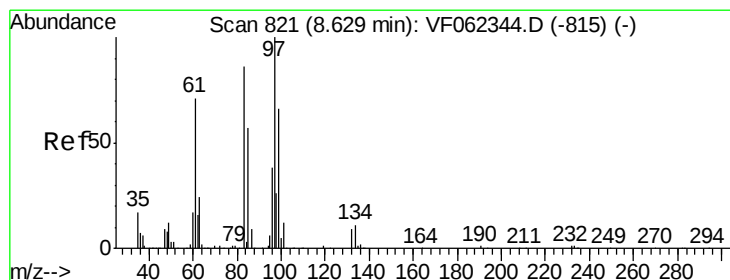
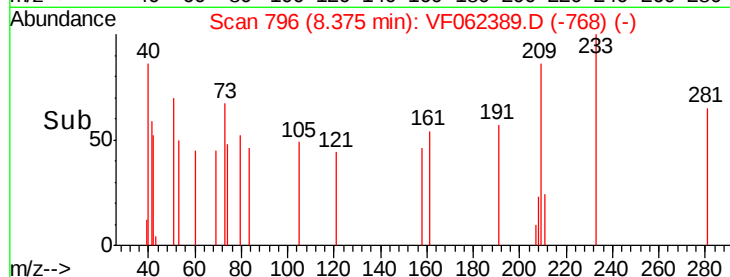
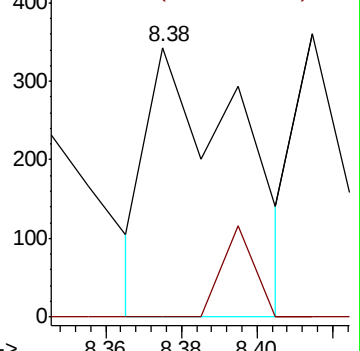
43 100

58 11.9 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#55

1,1,2-Trichloroethane

Concen: 2.142 ug/l

RT: 8.51 min Scan# 810

Delta R.T. -0.12 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Tgt Ion: 97 Resp: 402

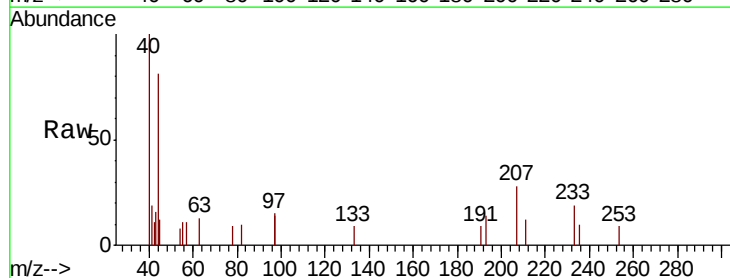
Ion Ratio Lower Upper

97 100

83 0.0 68.5 102.7#

85 0.0 45.4 68.2#

99 0.0 52.7 79.1#

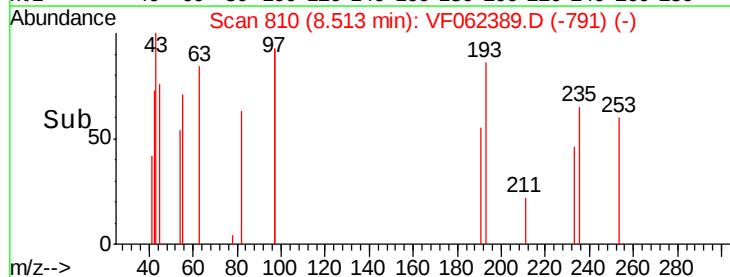
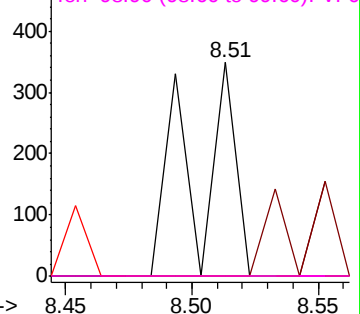


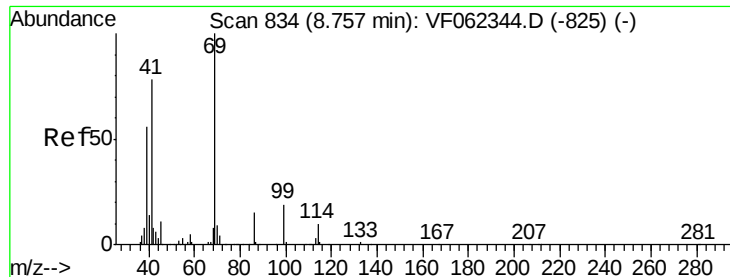
Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0





#56

Ethyl methacrylate

Concen: 22.383 ug/l

RT: 8.75 min Scan# 834

Delta R.T. -0.01 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

SB-02-1.0-1.5

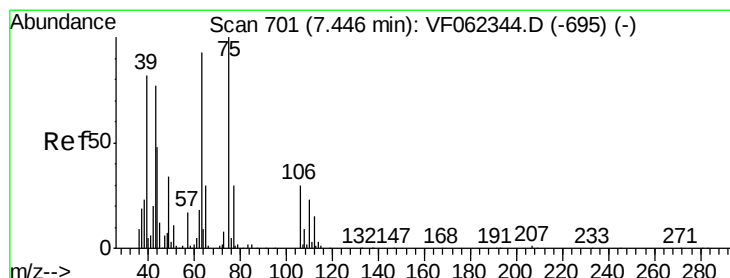
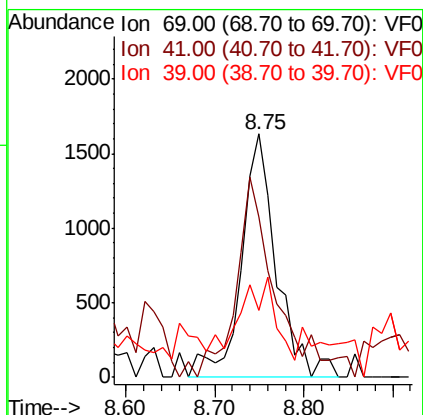
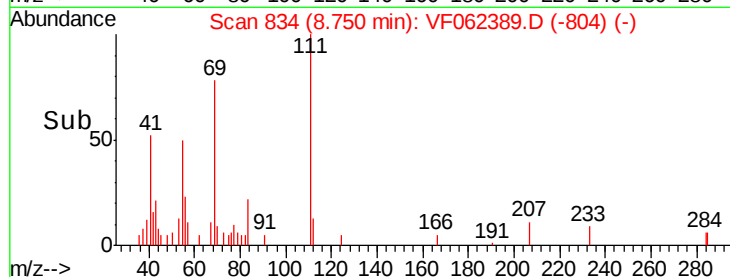
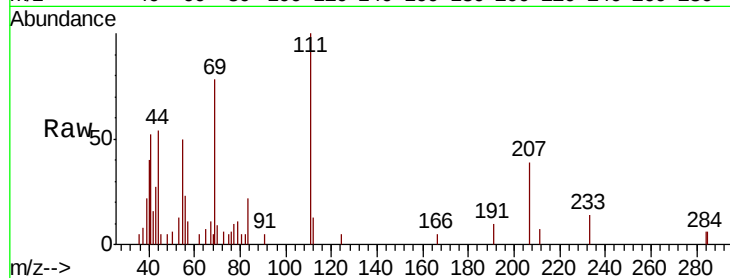
Tot Ion: 69 Resp: 4435

Ion Ratio Lower Upper

69 100

41 95.0 66.3 99.5

39 42.5 50.1 75.1#



#58

2-Chloroethyl Vinyl ether

Concen: 1.007 ug/l

RT: 7.34 min Scan# 691

Delta R.T. -0.11 min

Lab File: VF062389.D

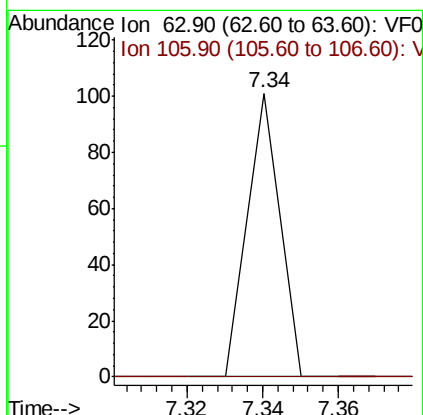
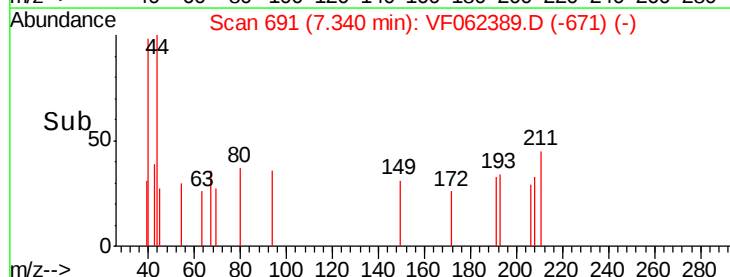
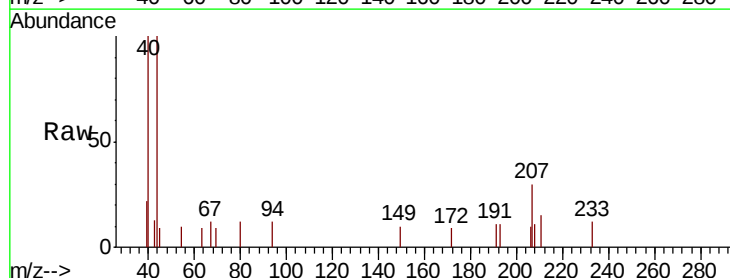
Acq: 8 May 2019 20:48

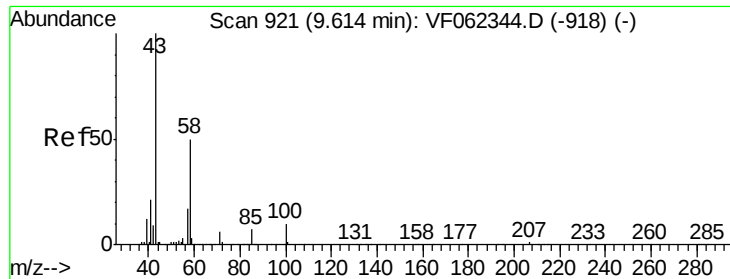
Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

106 0.0 25.8 38.8#

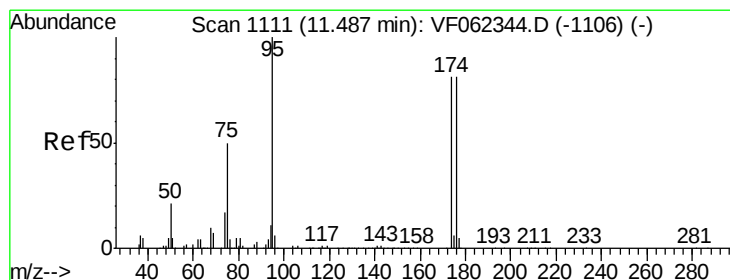
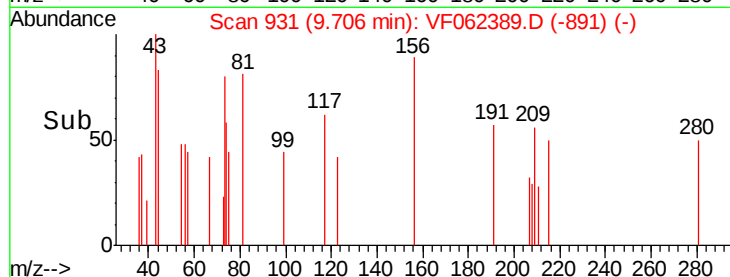
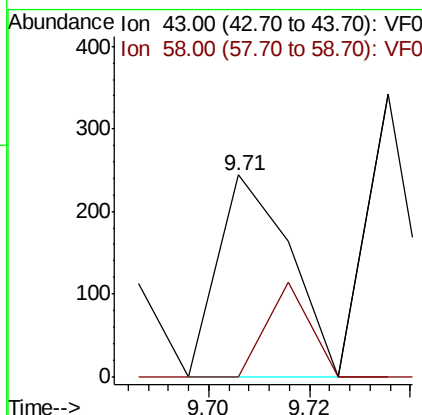
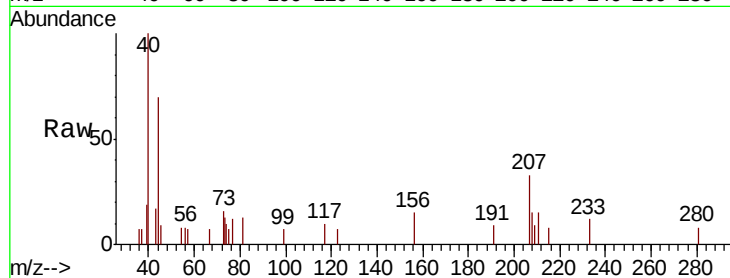




#59
2-Hexanone
Concen: 2.323 ug/l
RT: 9.71 min Scan# 931
Delta R.T. 0.09 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

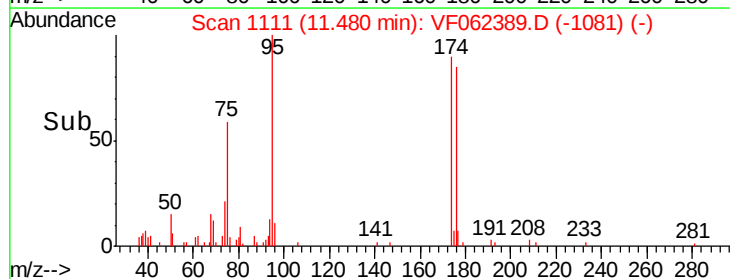
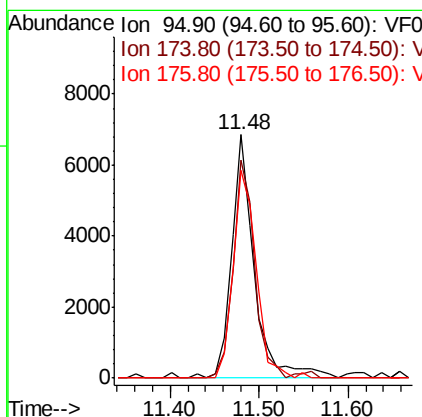
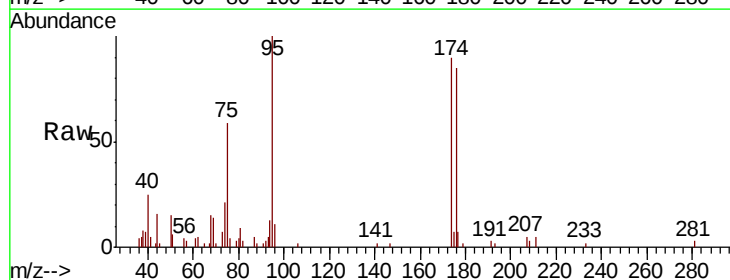
Instrument :
MSVOA_F
ClientSampleId :
SB-02-1.0-1.5

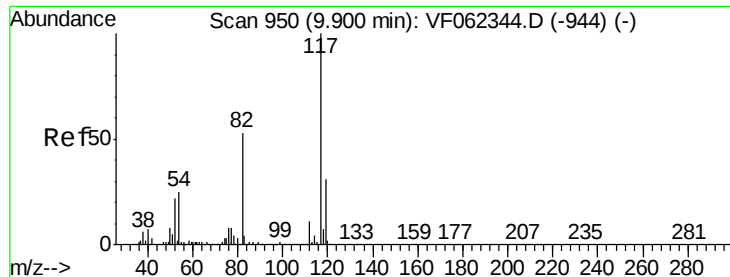
Tot Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
58 27.8 24.3 73.0



#62
4-Bromofluorobenzene
Concen: 28.012 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

Tgt Ion: 95 Resp: 12349
Ion Ratio Lower Upper
95 100
174 84.7 0.0 191.8
176 86.4 0.0 193.2

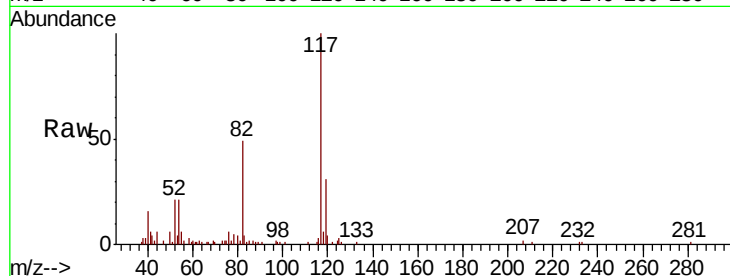




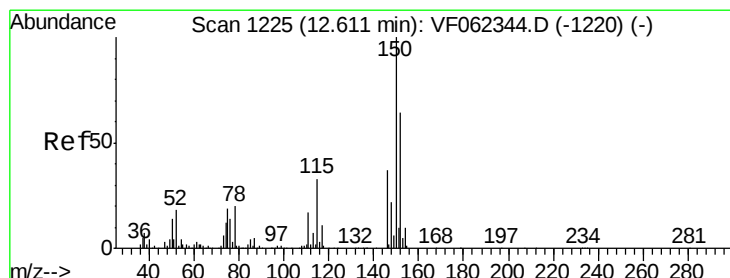
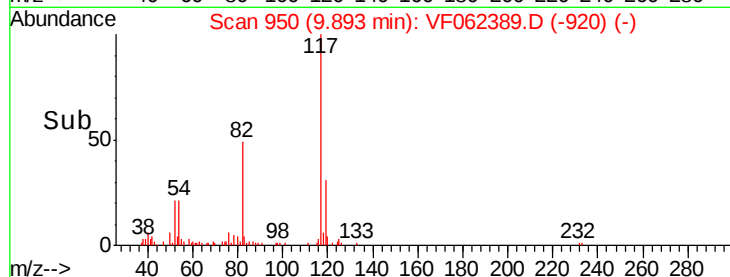
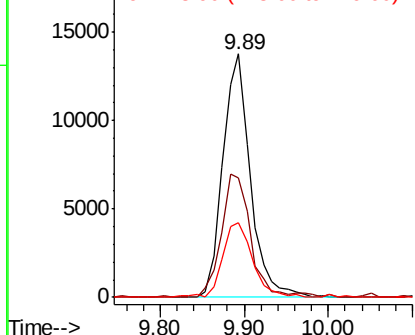
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

Instrument :
MSVOA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	42.2	63.2
119	30.6	25.0	37.4

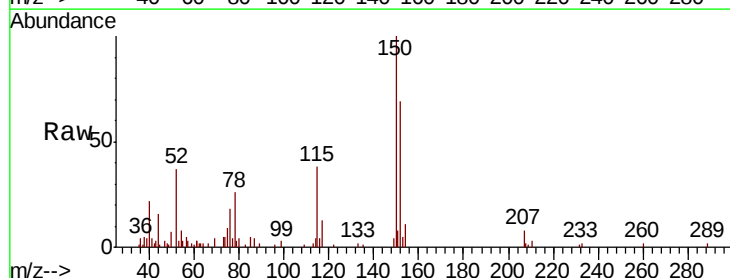


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

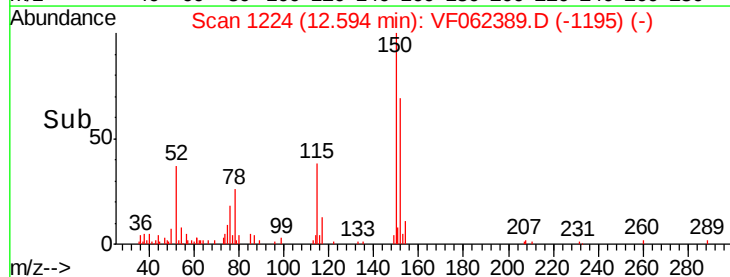
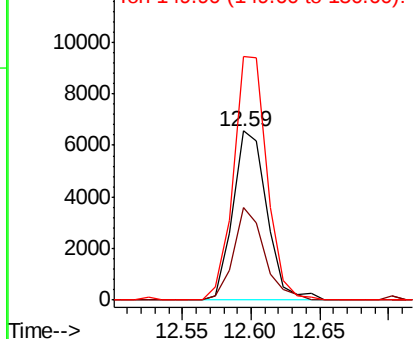


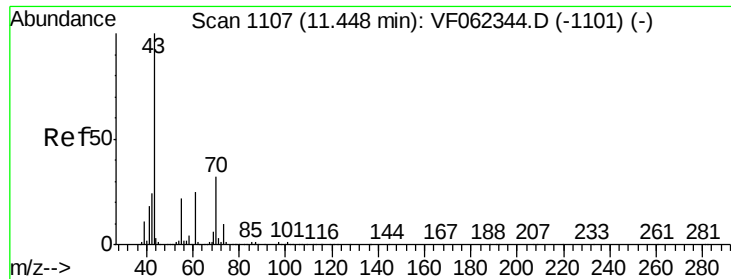
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.59 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.5	26.4	79.2
150	141.3	0.0	335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 4.509 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampled :

SB-02-1.0-1.5

Tot Ion: 43 Resp: 649

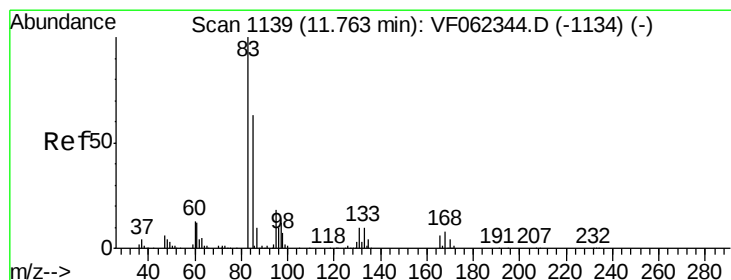
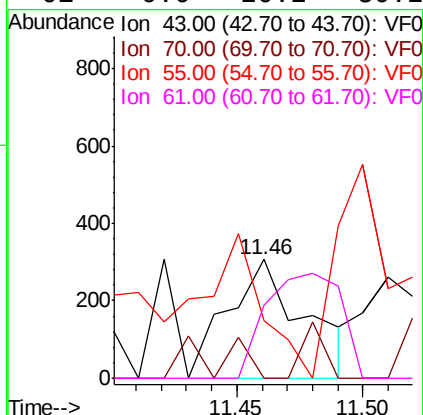
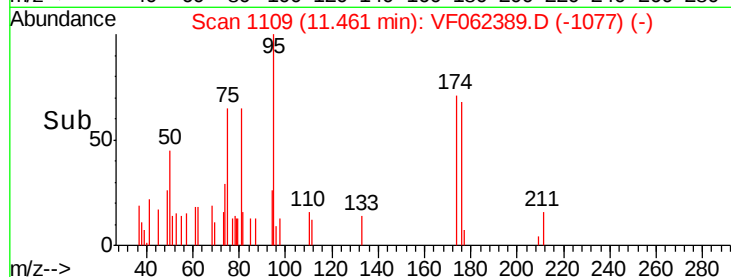
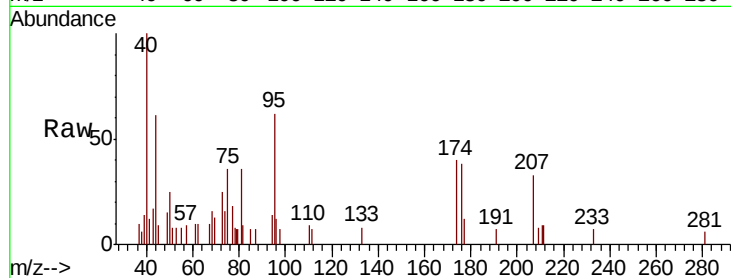
Ion Ratio Lower Upper

43 100

70 0.0 26.5 39.7#

55 94.3 17.8 26.6#

61 0.0 20.2 30.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 5.477 ug/l

RT: 11.71 min Scan# 1134

Delta R.T. -0.06 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

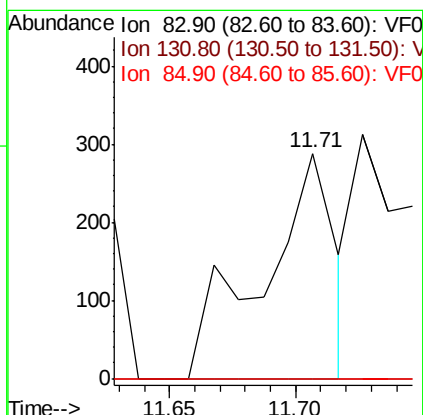
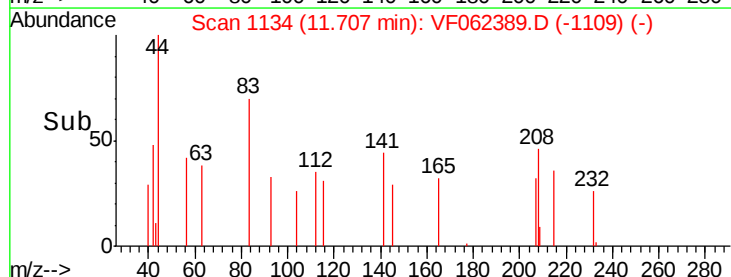
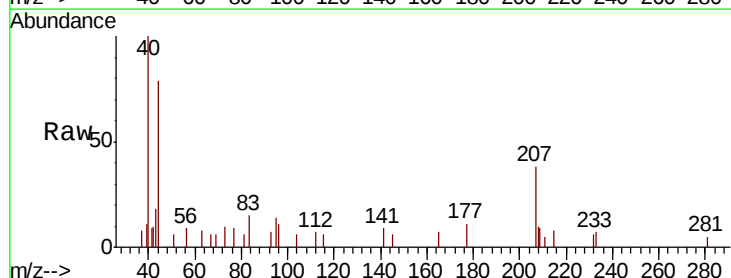
Tgt Ion: 83 Resp: 575

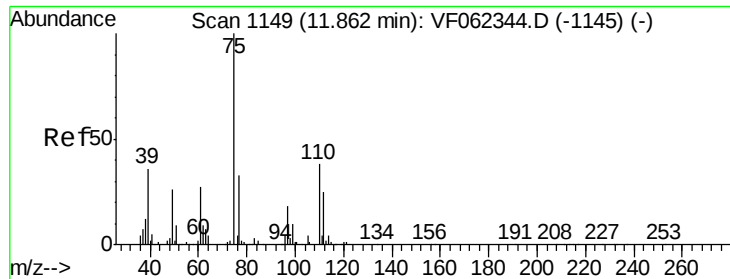
Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 0.0 35.3 105.7#

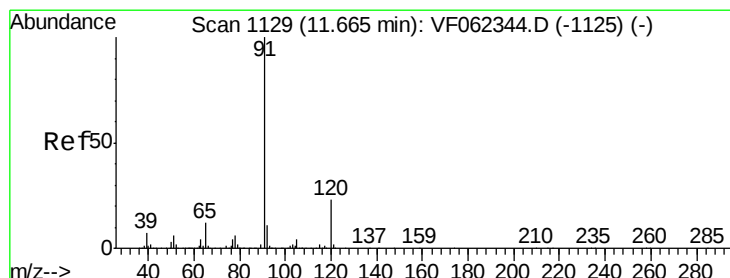
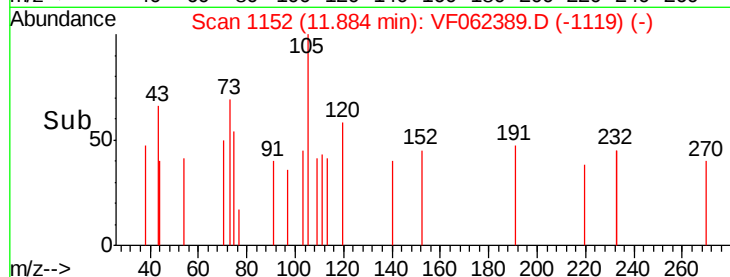
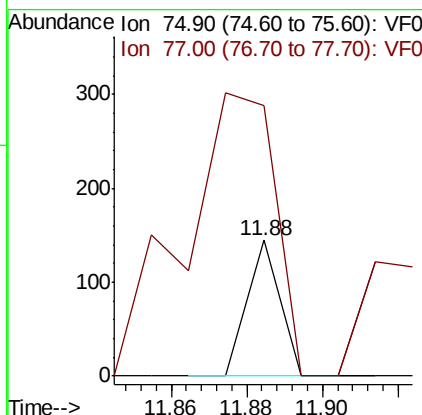
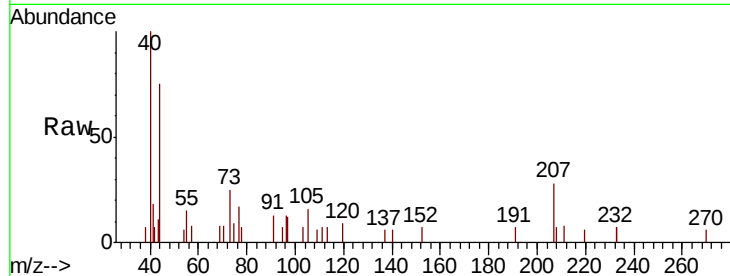




#76
1,2,3-Trichloropropane
Concen: 1.074 ug/l
RT: 11.88 min Scan# 1152
Delta R.T. 0.02 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

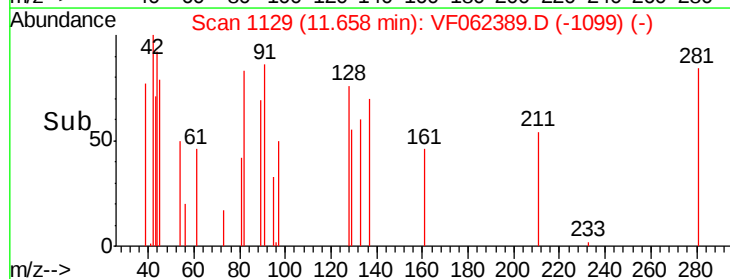
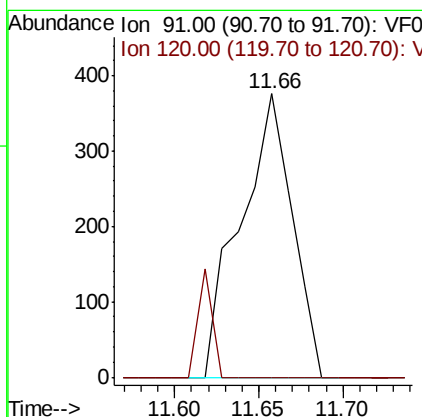
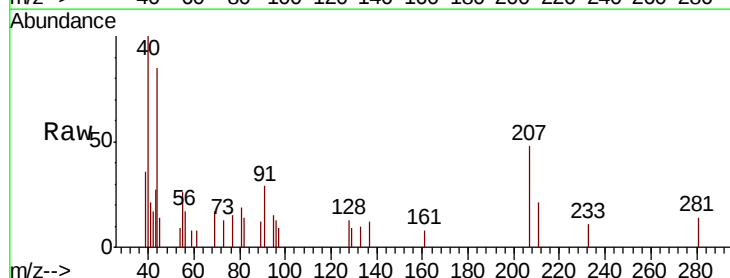
Instrument :
MSVOA_F
ClientSampleId :
SB-02-1.0-1.5

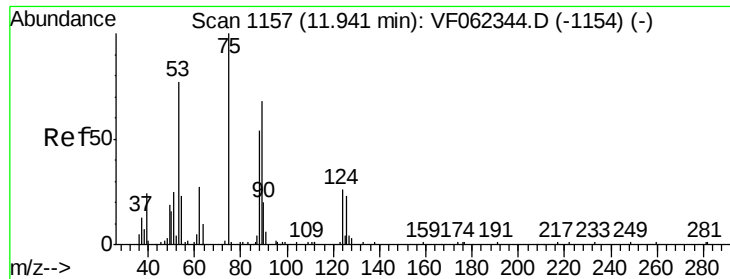
Tot Ion: 75 Resp: 86
Ion Ratio Lower Upper
75 100
77 586.0 0.0 0.0#



#78
n-propylbenzene
Concen: 1.126 ug/l
RT: 11.66 min Scan# 1129
Delta R.T. -0.01 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

Tgt Ion: 91 Resp: 804
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 2.159 ug/l

RT: 11.97 min Scan# 1161

Delta R.T. 0.03 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

SB-02-1.0-1.5

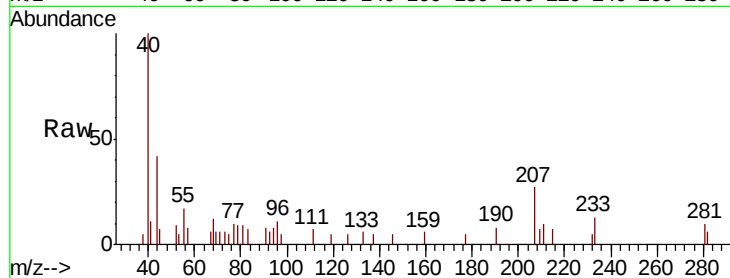
Tot Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

53 427.7 71.9 107.9#

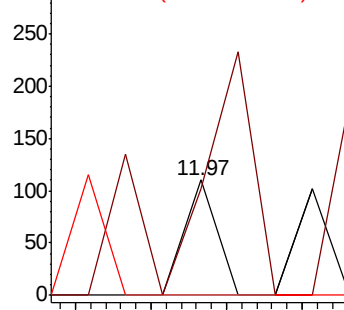
89 0.0 0.0 0.0



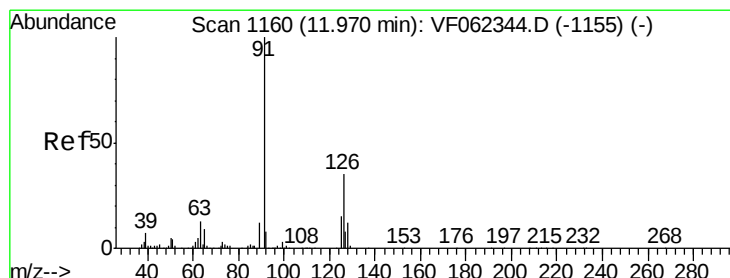
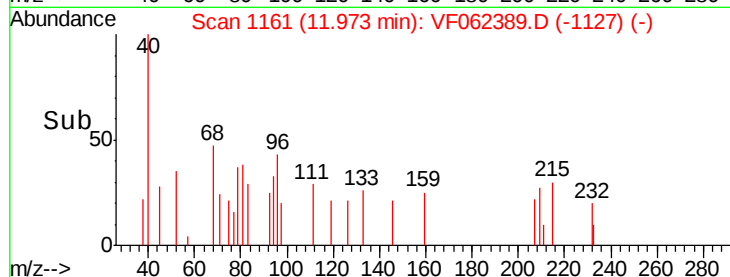
Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0



Time-->



#82

4-Chlorotoluene

Concen: 1.109 ug/l

RT: 11.96 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VF062389.D

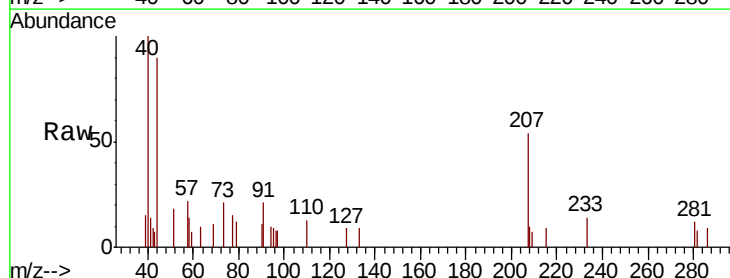
Acq: 8 May 2019 20:48

Tgt Ion: 91 Resp: 486

Ion Ratio Lower Upper

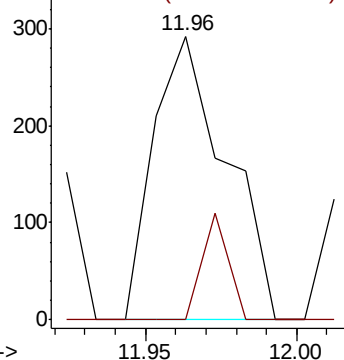
91 100

126 13.4 17.7 53.1#

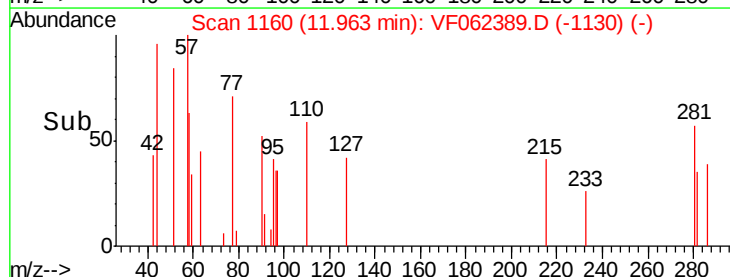


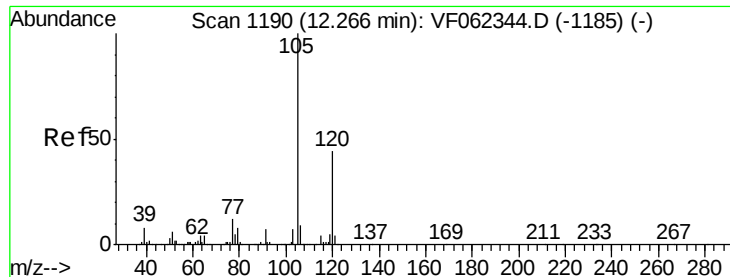
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V



Time-->

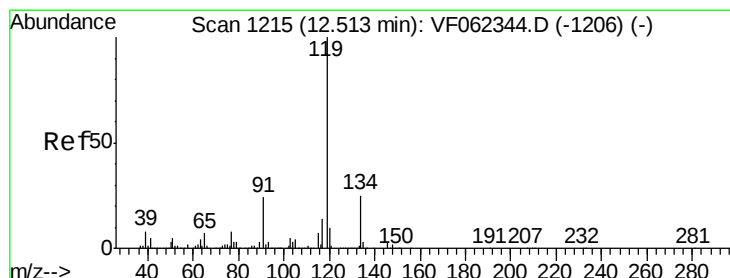
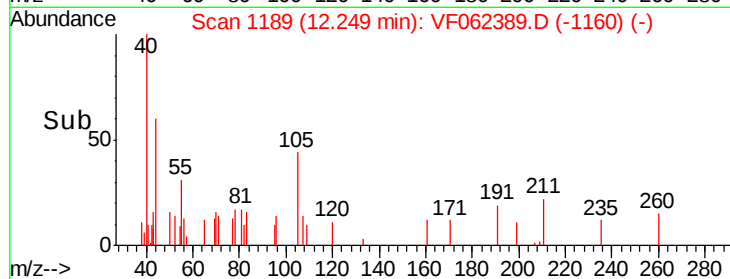
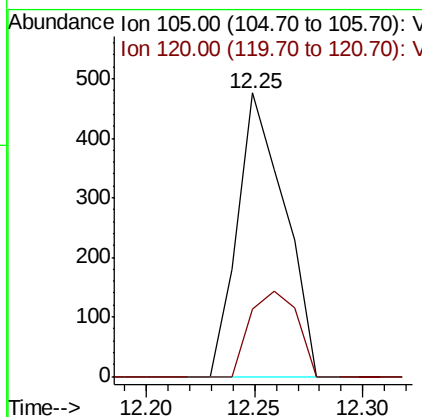
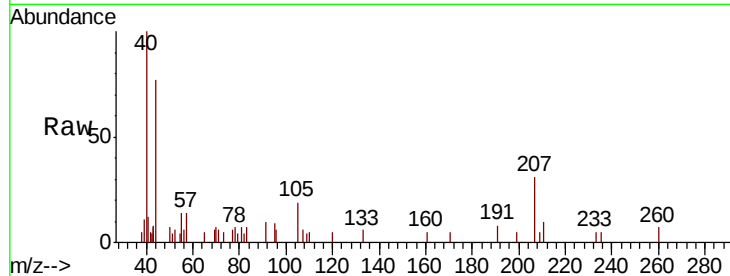




#84
 1,2,4-Trimethylbenzene
 Concen: 1.268 ug/l
 RT: 12.25 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: VF062389.D
 Acq: 8 May 2019 20:48

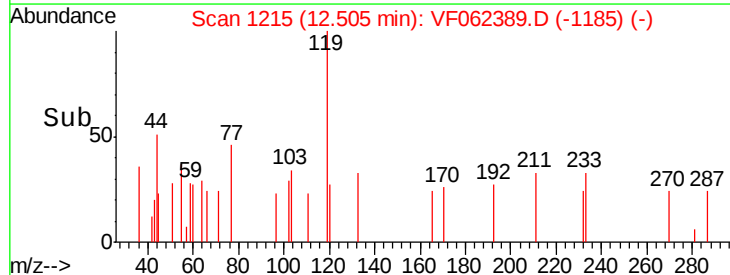
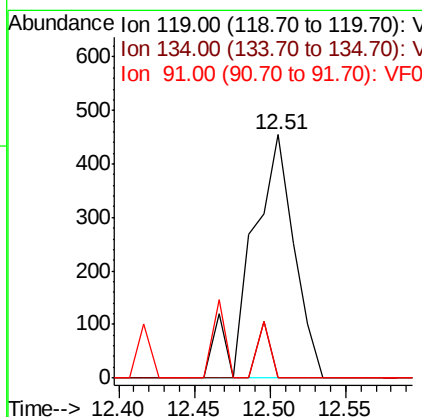
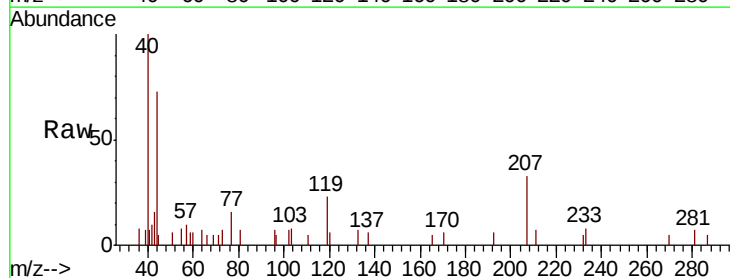
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-1.0-1.5

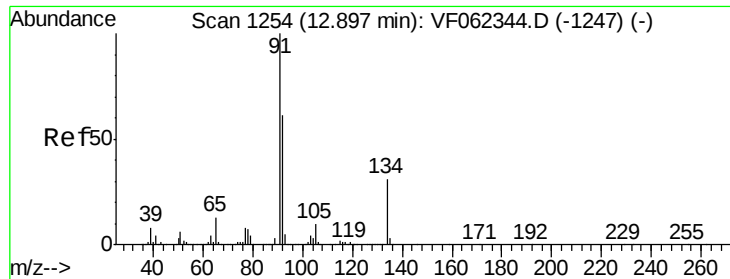
Tot Ion:105 Resp: 729
 Ion Ratio Lower Upper
 105 100
 120 30.3 22.6 67.7



#86
 p-Isopropyltoluene
 Concen: 1.274 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: VF062389.D
 Acq: 8 May 2019 20:48

Tgt Ion:119 Resp: 890
 Ion Ratio Lower Upper
 119 100
 134 7.0 12.9 38.7#
 91 7.0 12.3 36.8#





#89

n-Butylbenzene

Concen: 1.032 ug/l

RT: 12.88 min Scan# 1253

Delta R.T. -0.02 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

SB-02-1.0-1.5

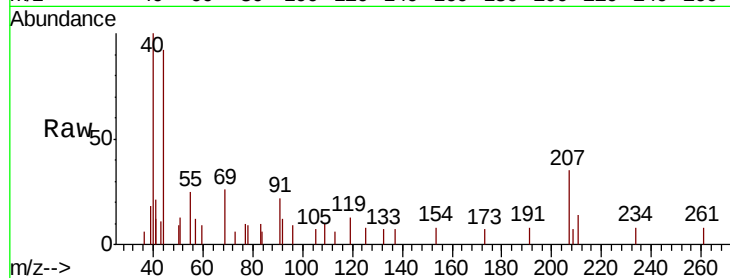
Tot Ion: 91 Resp: 641

Ion Ratio Lower Upper

91 100

92 59.4 30.0 90.0

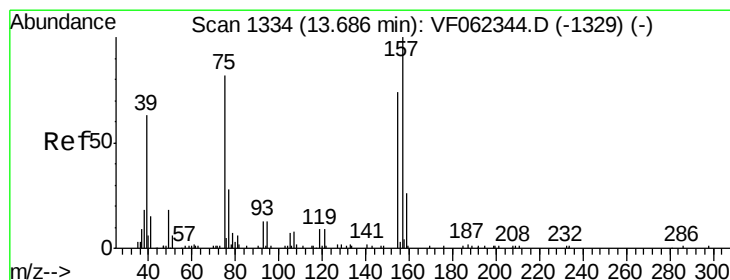
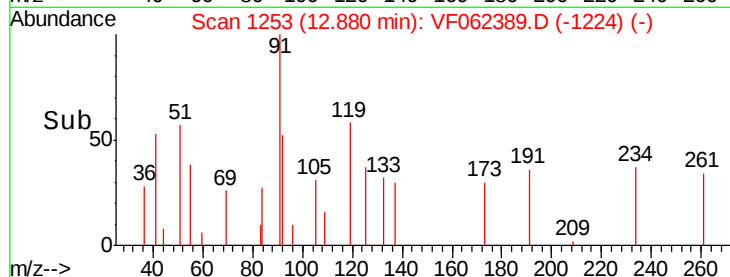
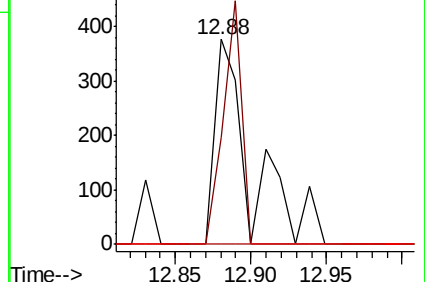
134 0.0 14.1 42.4#



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: 6.038 ug/l

RT: 13.67 min Scan# 1333

Delta R.T. -0.02 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

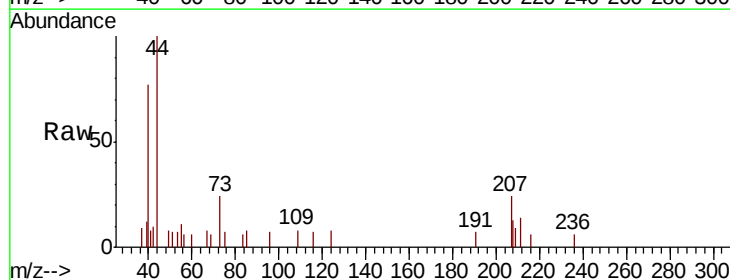
Tgt Ion: 75 Resp: 142

Ion Ratio Lower Upper

75 100

155 47.2 51.8 155.4#

157 0.0 67.3 201.8#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

