

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062309.D
 Acq On : 26 Apr 2019 16:59
 Operator : FY/SY
 Sample : K2584-02
 Misc : 6.90g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-0419-S-DH-7

Quant Time: Apr 27 00:36:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.09	168	111517	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.81	114	117680	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.94	117	61680	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.64	152	18030	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	17617	19.50	ug/l	0.03
Spiked Amount			Recovery	=	39.00%	
35) Dibromofluoromethane	4.33	113	30841	35.35	ug/l	0.00
Spiked Amount			Recovery	=	70.70%	
50) Toluene-d8	7.74	98	90251	42.35	ug/l	0.02
Spiked Amount			Recovery	=	84.70%	
62) 4-Bromofluorobenzene	11.51	95	20262	23.06	ug/l	0.00
Spiked Amount			Recovery	=	46.12%	

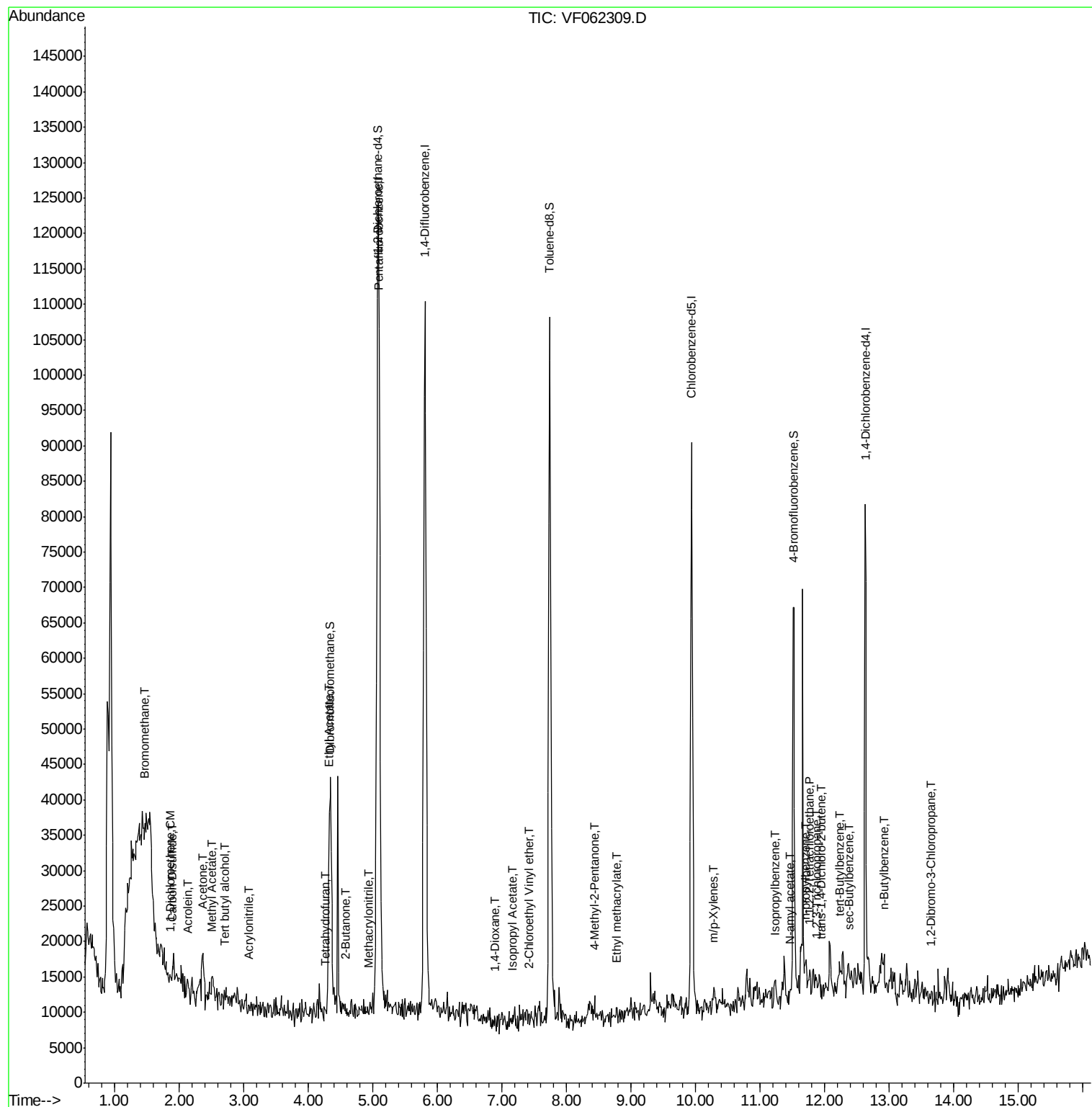
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.46	94	1062	1.479	ug/l #	6
11) Tert butyl alcohol	2.70	59	511	9.352	ug/l #	1
12) 1,1-Dichloroethene	1.87	96	1007	1.070	ug/l #	1
13) Acrolein	2.13	56	276	13.460	ug/l #	1
15) Acrylonitrile	3.09	53	230	1.520	ug/l #	73
16) Acetone	2.37	43	8920	44.105	ug/l #	90
17) Carbon Disulfide	1.89	76	3108	1.255	ug/l	99
18) Methyl Acetate	2.52	43	1597	1.333	ug/l #	80
20) Methylene Chloride	2.32	84	369	Below Cal	#	52
25) 2-Butanone	4.56	43	1484	4.628	ug/l #	57
29) Tetrahydrofuran	4.28	42	167	1.185	ug/l #	37
37) Ethyl Acetate	4.32	43	1173	2.568	ug/l #	1
41) Methacrylonitrile	4.94	41	938	3.697	ug/l #	32
43) Isopropyl Acetate	7.17	43	1120	2.191	ug/l #	56
49) 1,4-Dioxane	6.90	88	62	16.090	ug/l #	7
51) 4-Methyl-2-Pentanone	8.44	43	1582	4.396	ug/l #	59
56) Ethyl methacrylate	8.78	69	751	1.590	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.41	63	196	1.364	ug/l #	44
59) 2-Hexanone	9.65	43	2261	Below Cal		77
68) m/p-Xylenes	10.29	106	1159	1.589	ug/l	98
73) Isopropylbenzene	11.24	105	1790	1.449	ug/l	99
74) N-amyl acetate	11.47	43	1554	5.460	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	11.77	83	528	2.690	ug/l	65
76) 1,2,3-Trichloropropane	11.89	75	278	1.996	ug/l #	100
78) n-propylbenzene	11.69	91	2387	1.836	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.95	75	141	2.265	ug/l #	62
83) tert-Butylbenzene	12.22	119	1071	1.001	ug/l #	57
85) sec-Butylbenzene	12.39	105	1628	1.221	ug/l	86
89) n-Butylbenzene	12.91	91	1460	1.344	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	13.66	75	206	5.203	ug/l #	1

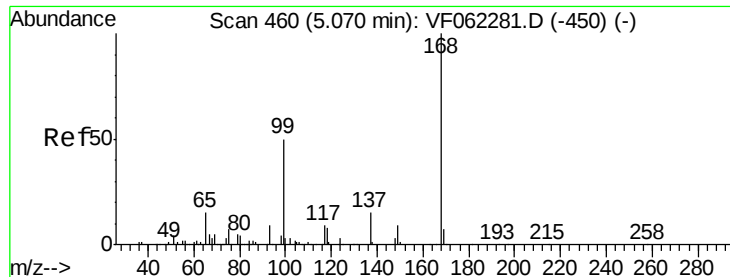
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042619\
Data File : VF062309.D
Acq On : 26 Apr 2019 16:59
Operator : FY/SY
Sample : K2584-02
Misc : 6.90q/5mL/MSVOA F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SSSI-0419-S-DH-7

Quant Time: Apr 27 00:36:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.09 min Scan# 462

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

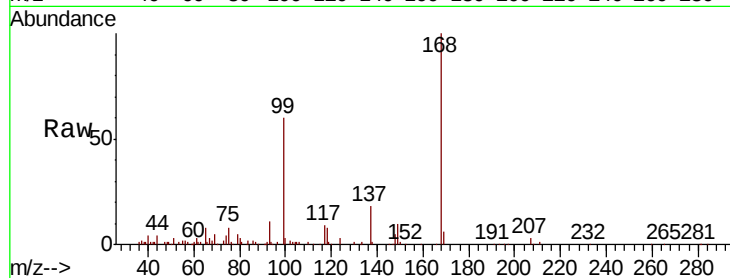
SSSI-0419-S-DH-7

Tot Ion:168 Resp: 111517

Ion Ratio Lower Upper

168 100

99 59.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.09

40000

30000

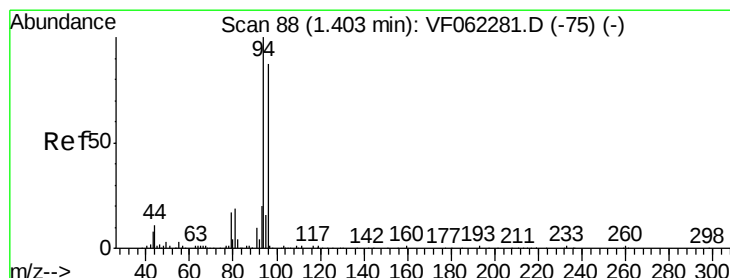
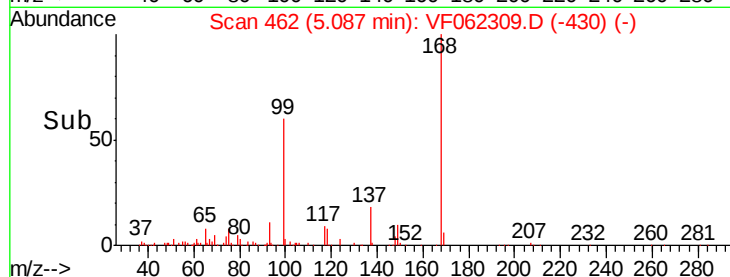
20000

10000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#5

Bromomethane

Concen: 1.479 ug/l

RT: 1.46 min Scan# 94

Delta R.T. 0.06 min

Lab File: VF062309.D

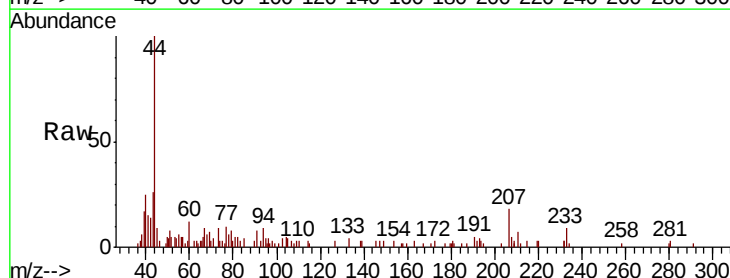
Acq: 26 Apr 2019 16:59

Tgt Ion: 94 Resp: 1062

Ion Ratio Lower Upper

94 100

96 0.0 69.5 104.3#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

1.46

600

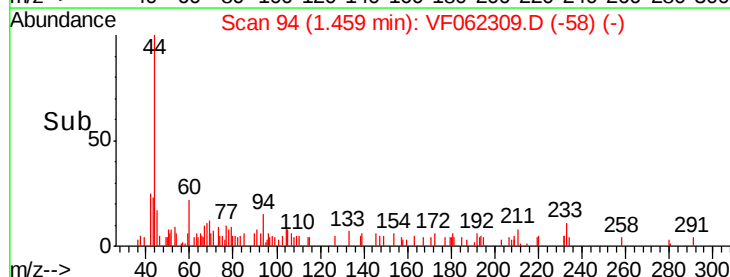
400

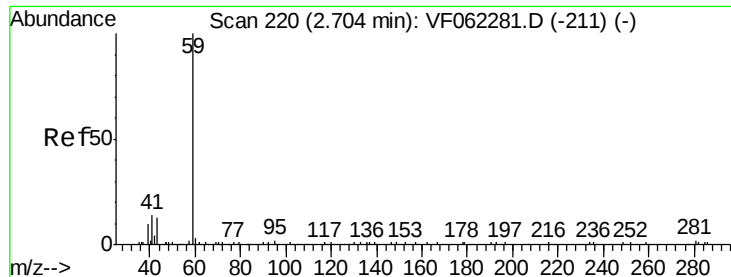
200

0

Time-->

1.40 1.45 1.50



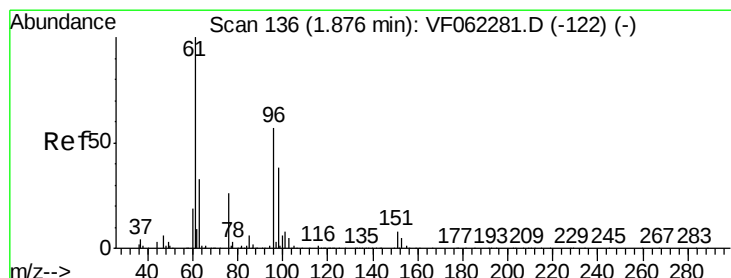
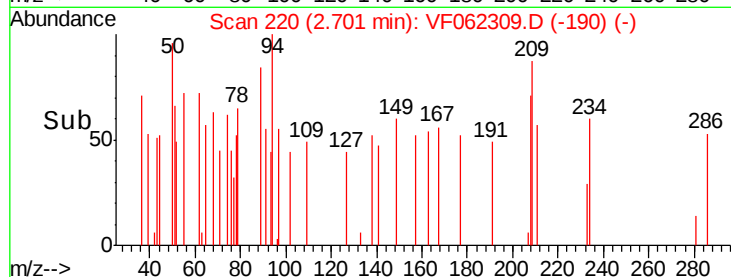
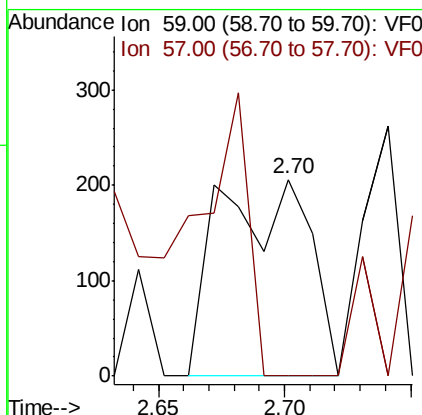
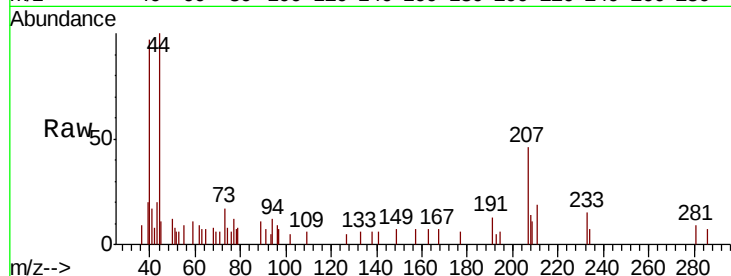


#11

Tert butyl alcohol
Concen: 9.352 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.00 min
Lab File: VF062309.D
Acq: 26 Apr 2019 16:59

Instrument :
MSVOA_F
ClientSampleId :
SSSI-0419-S-DH-7

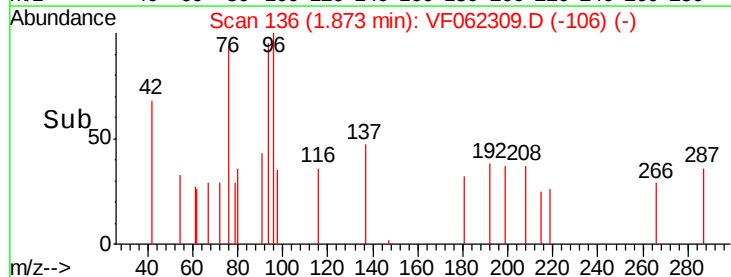
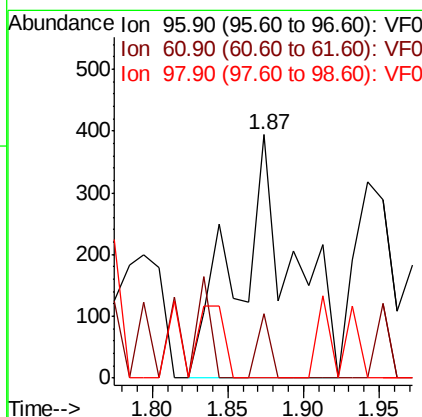
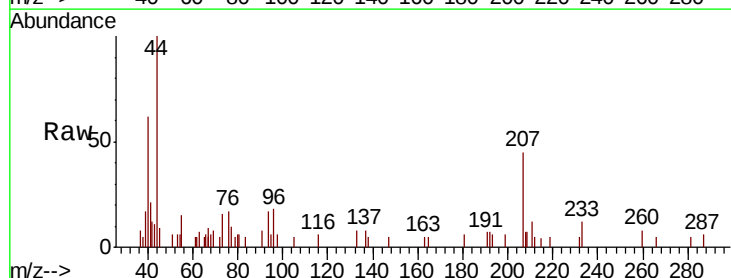
Tot Ion: 59 Resp: 511
Ion Ratio Lower Upper
59 100
57 73.6 8.8 13.2#

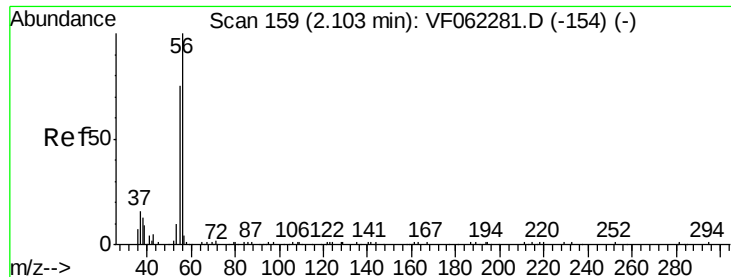


#12

1,1-Dichloroethene
Concen: 1.070 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.00 min
Lab File: VF062309.D
Acq: 26 Apr 2019 16:59

Tgt Ion: 96 Resp: 1007
Ion Ratio Lower Upper
96 100
61 26.6 141.1 211.7#
98 0.0 53.4 80.0#





#13

Acrolein

Concen: 13.460 ug/l

RT: 2.13 min Scan# 162

Delta R.T. 0.03 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

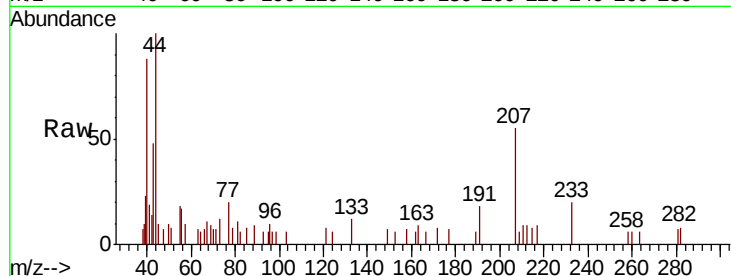
SSSI-0419-S-DH-7

Tot Ion: 56 Resp: 276

Ion Ratio Lower Upper

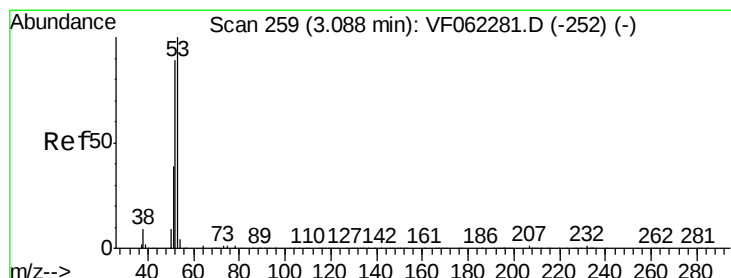
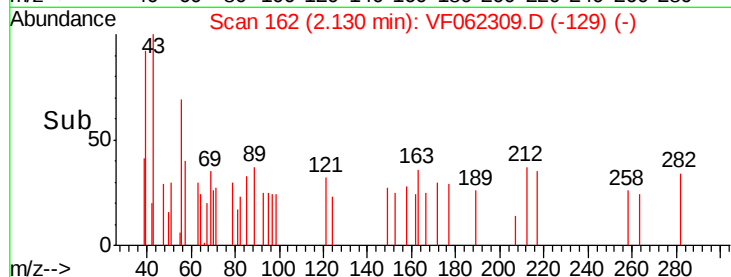
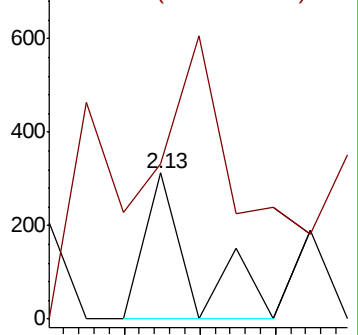
56 100

55 487.7 62.3 93.5#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#15

Acrylonitrile

Concen: 1.520 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.00 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

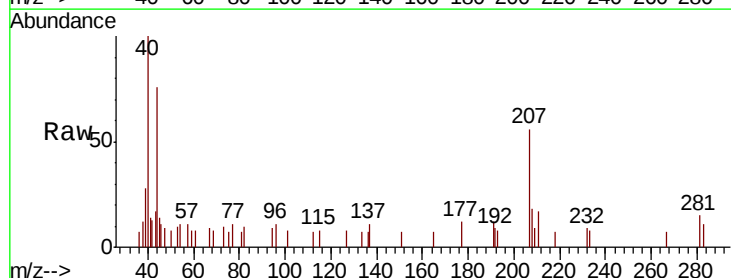
Tgt Ion: 53 Resp: 230

Ion Ratio Lower Upper

53 100

52 79.1 70.6 105.8

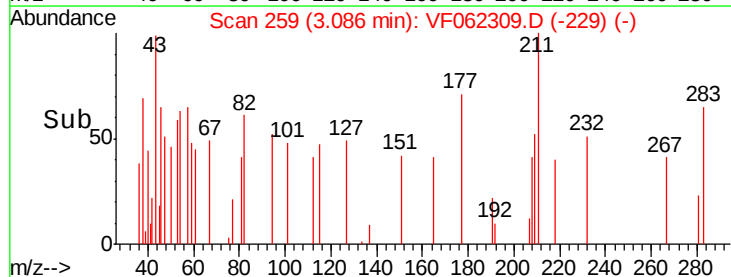
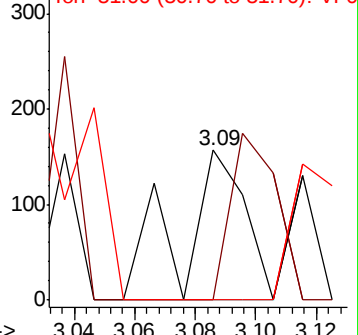
51 0.0 32.6 48.8#

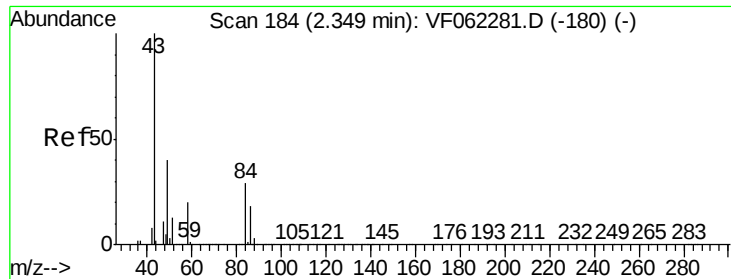


Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0





#16

Acetone

Concen: 44.105 ug/l

RT: 2.37 min Scan# 186

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

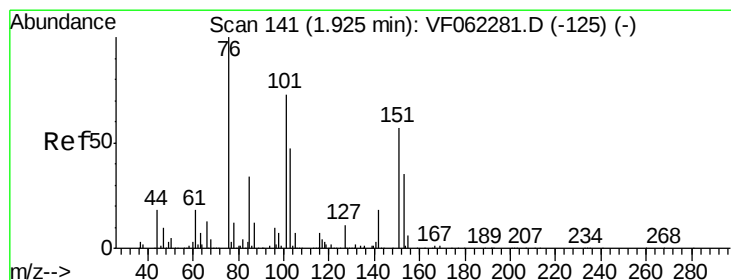
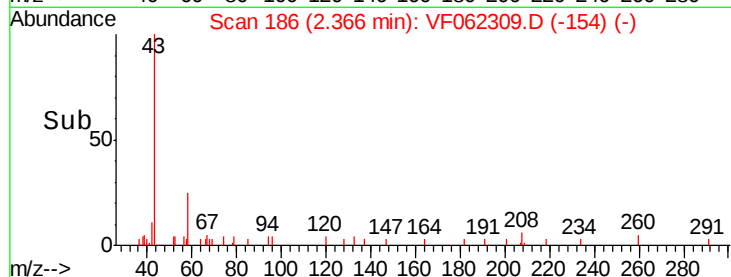
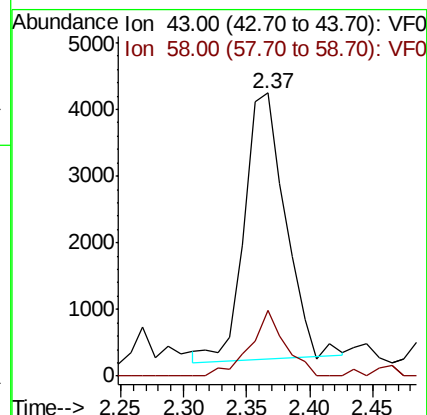
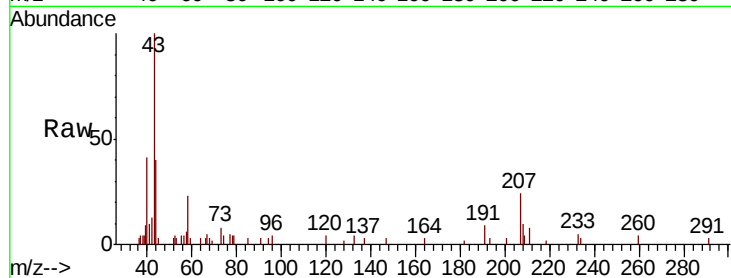
SSSI-0419-S-DH-7

Tot Ion: 43 Resp: 8920

Ion Ratio Lower Upper

43 100

58 25.1 16.4 24.6#



#17

Carbon Disulfide

Concen: 1.255 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.03 min

Lab File: VF062309.D

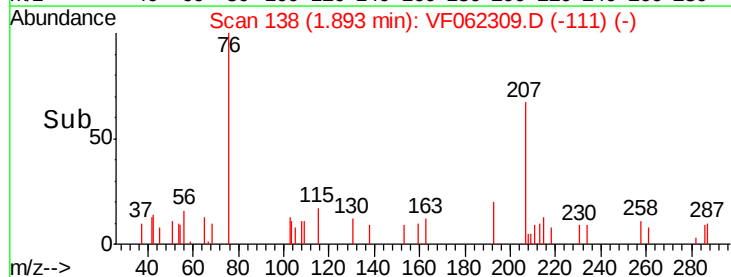
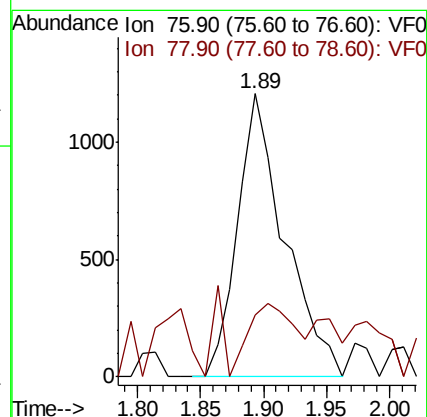
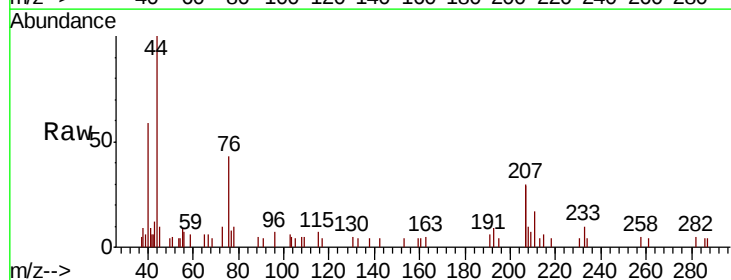
Acq: 26 Apr 2019 16:59

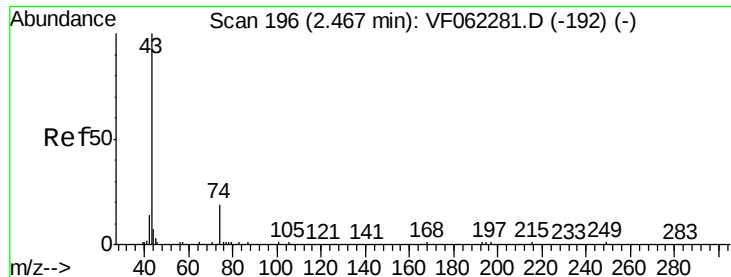
Tgt Ion: 76 Resp: 3108

Ion Ratio Lower Upper

76 100

78 12.6 9.8 14.8

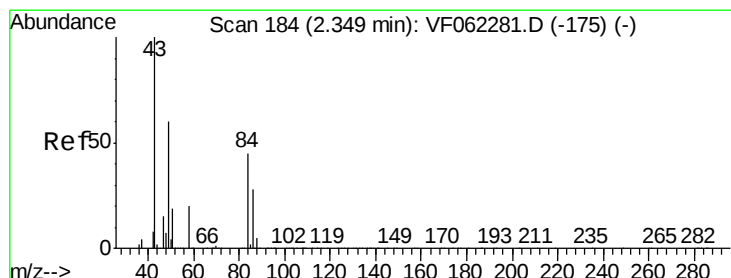
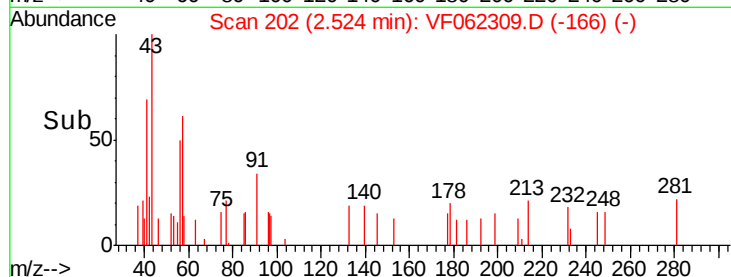
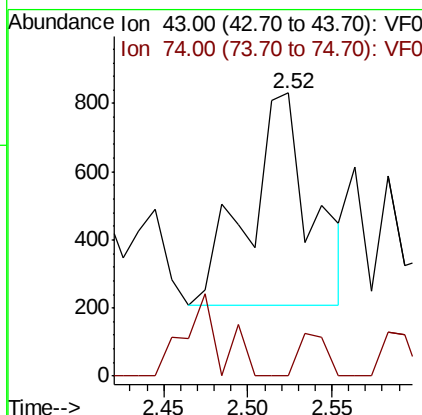
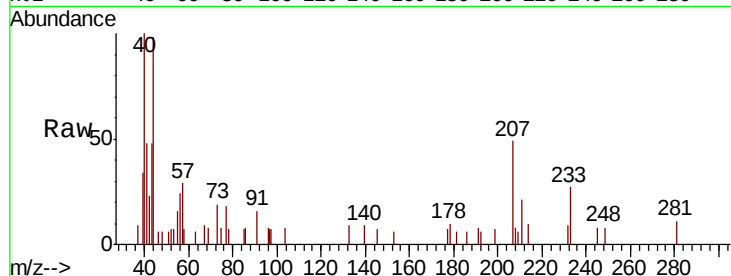




#18
Methyl Acetate
Concen: 1.333 ug/l
RT: 2.52 min Scan# 202
Delta R.T. 0.06 min
Lab File: VF062309.D
Acq: 26 Apr 2019 16:59

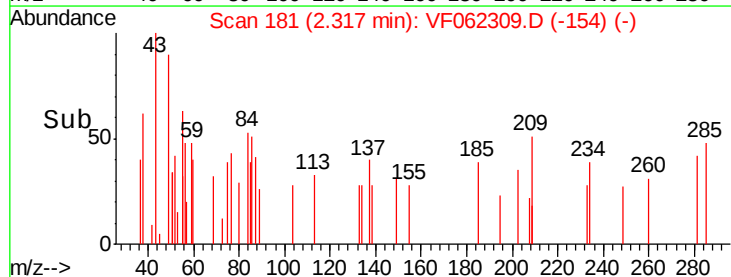
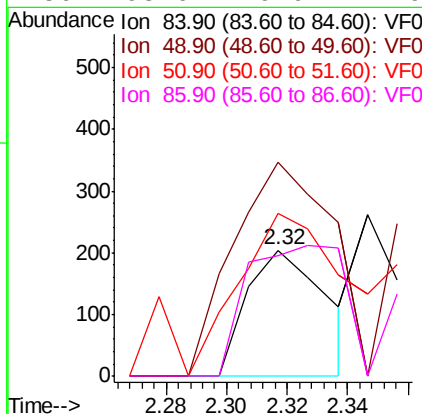
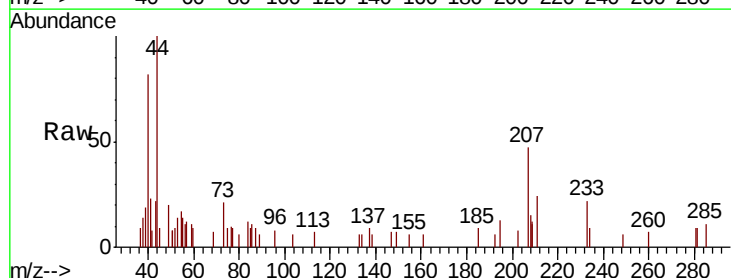
Instrument :
MSVOA_F
ClientSampleId :
SSSI-0419-S-DH-7

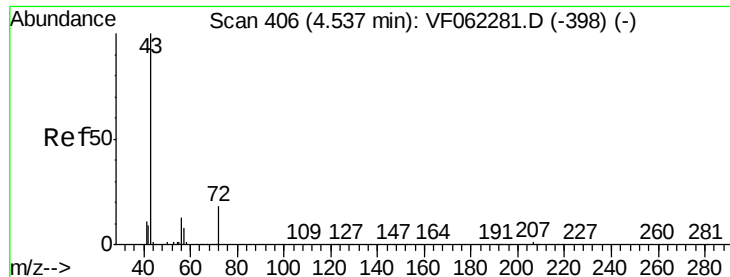
Tot Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
74 9.0 14.4 21.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.32 min Scan# 181
Delta R.T. -0.03 min
Lab File: VF062309.D
Acq: 26 Apr 2019 16:59

Tgt Ion: 84 Resp: 369
Ion Ratio Lower Upper
84 100
49 169.6 112.1 168.1#
51 129.4 35.9 53.9#
86 95.6 49.9 74.9#





#25

2-Butanone

Concen: 4.628 ug/l

RT: 4.56 min Scan# 409

Delta R.T. 0.03 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

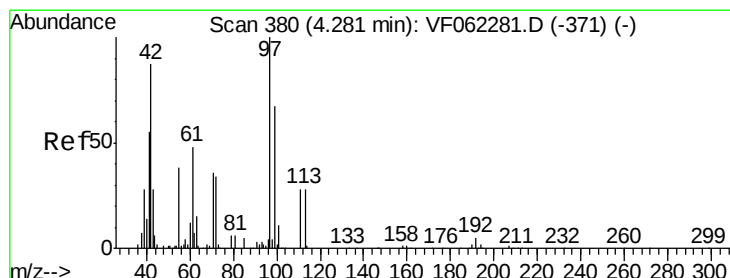
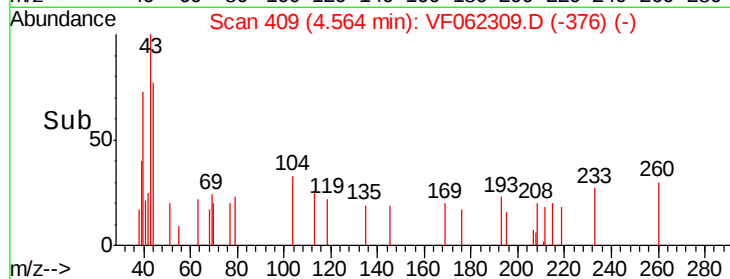
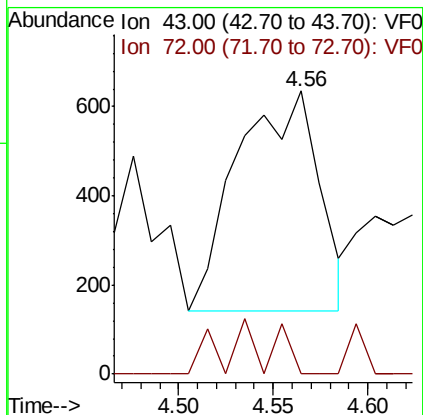
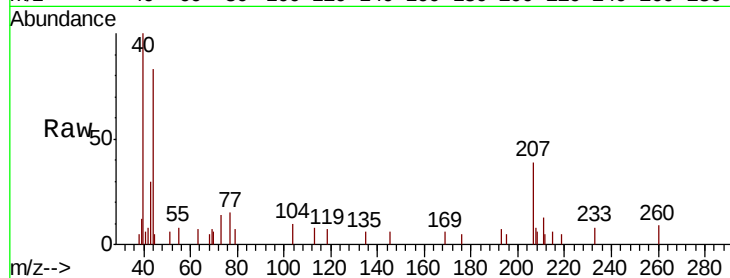
SSSI-0419-S-DH-7

Tot Ion: 43 Resp: 1484

Ion Ratio Lower Upper

43 100

72 0.0 15.8 23.6#



#29

Tetrahydrofuran

Concen: 1.185 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

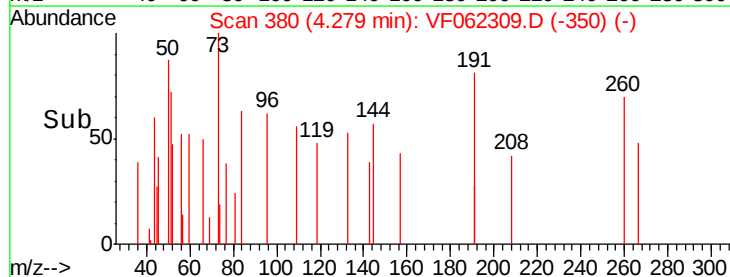
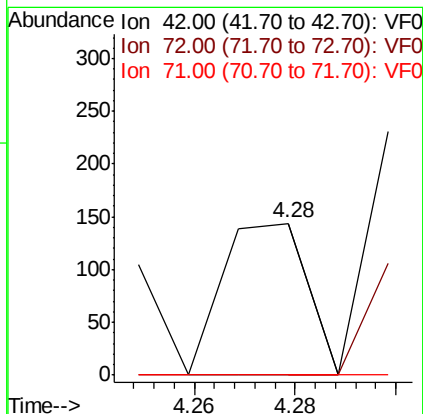
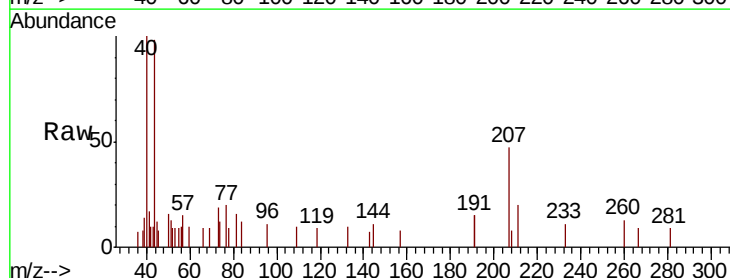
Tgt Ion: 42 Resp: 167

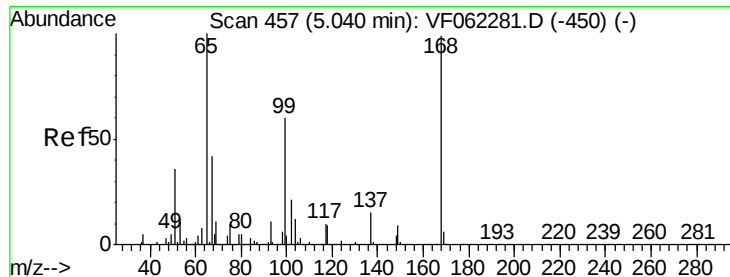
Ion Ratio Lower Upper

42 100

72 0.0 29.3 43.9#

71 0.0 31.2 46.8#





#33

1,2-Dichloroethane-d4

Concen: 19.503 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

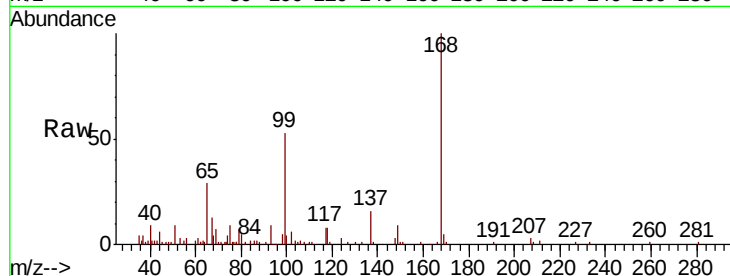
SSSI-0419-S-DH-7

Tot Ion: 65 Resp: 17617

Ion Ratio Lower Upper

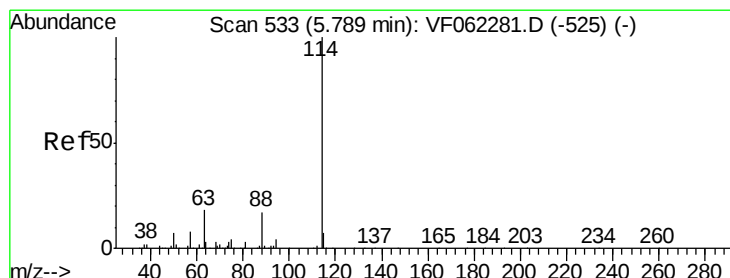
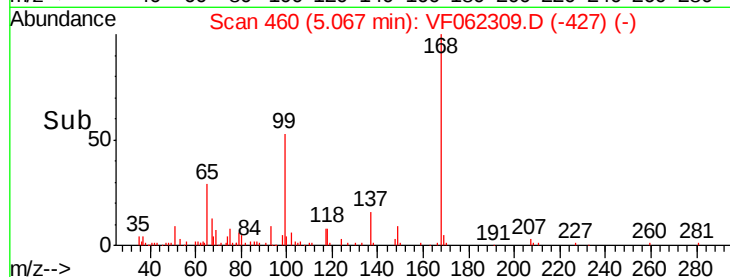
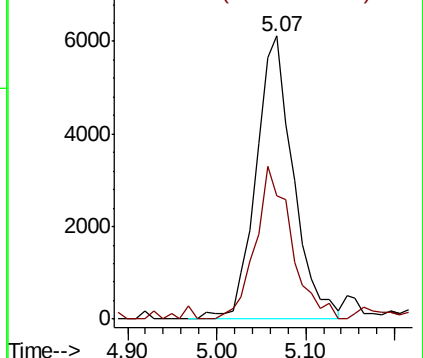
65 100

67 52.3 0.0 98.8



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: 5.81 min Scan# 535

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

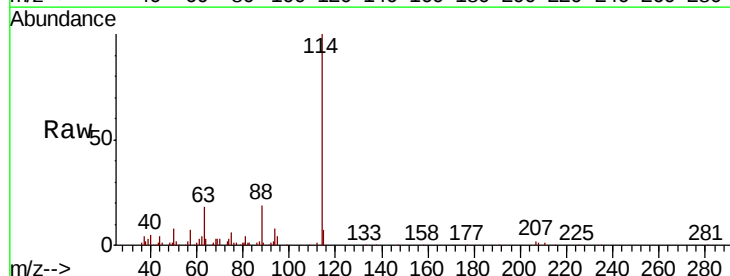
Tgt Ion: 114 Resp: 117680

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

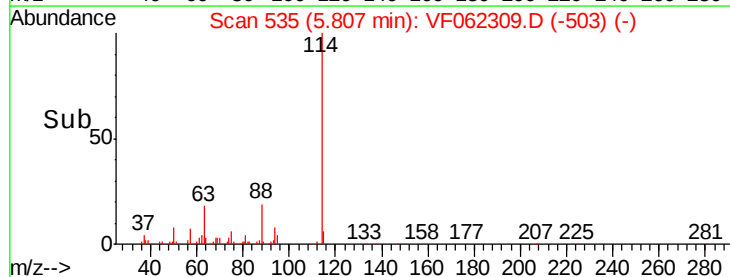
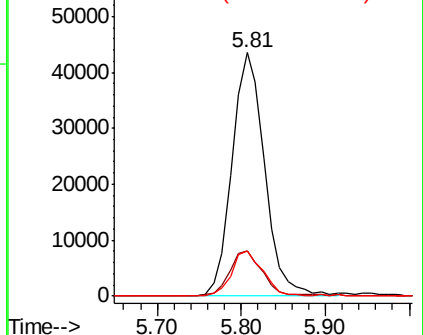
88 18.6 0.0 34.6

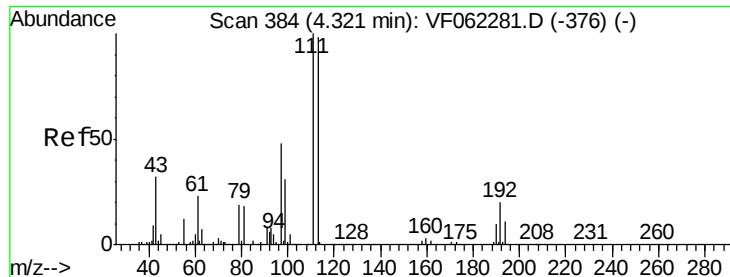


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

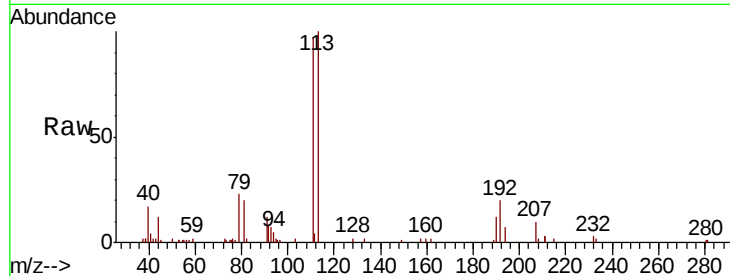




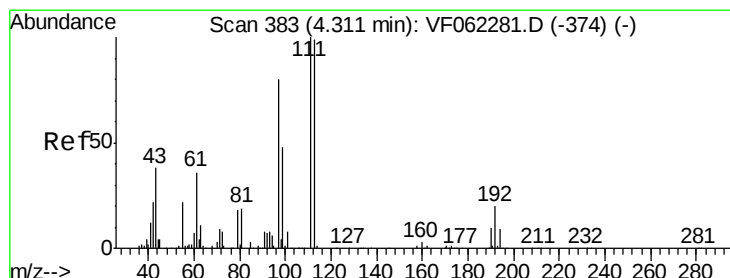
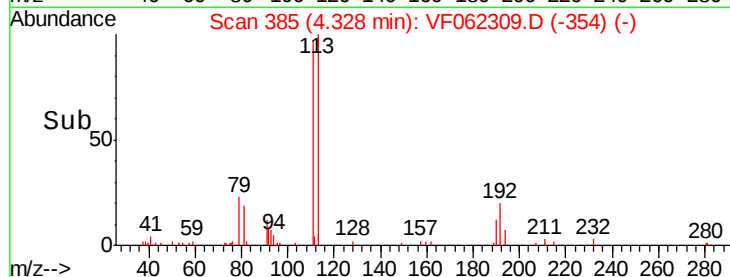
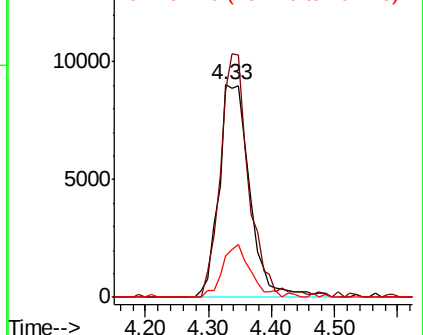
#35
 Dibromofluoromethane
 Concen: 35.346 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: VF062309.D
 Acq: 26 Apr 2019 16:59

Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-0419-S-DH-7

Tot Ion:113 Resp: 30841
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.4 122.2
 192 23.0 17.0 25.4

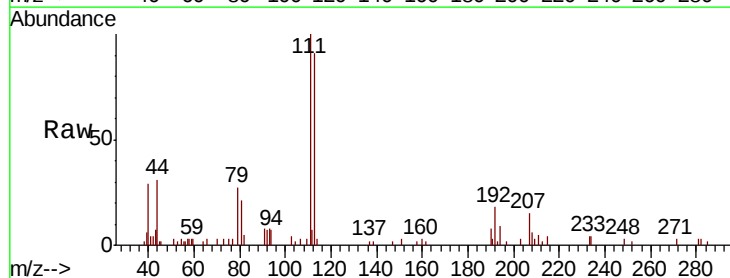


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

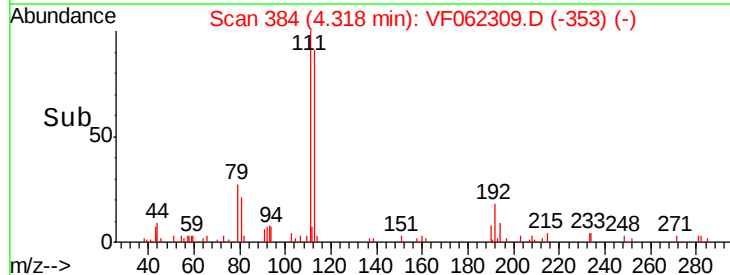
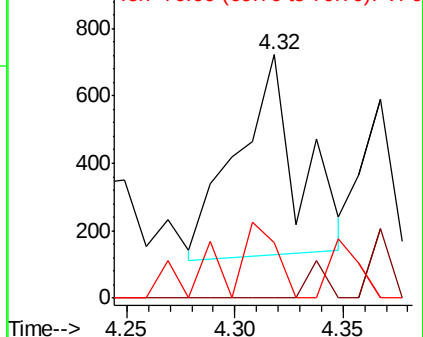


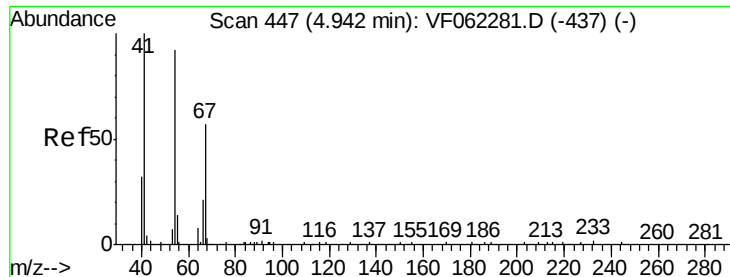
#37
 Ethyl Acetate
 Concen: 2.568 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VF062309.D
 Acq: 26 Apr 2019 16:59

Tgt Ion: 43 Resp: 1173
 Ion Ratio Lower Upper
 43 100
 61 0.0 85.8 128.6#
 70 33.9 7.3 10.9#



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





#41

Methacrylonitrile

Concen: 3.697 ug/l

RT: 4.94 min Scan# 447

Delta R.T. -0.00 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0419-S-DH-7

Tot Ion: 41 Resp: 938

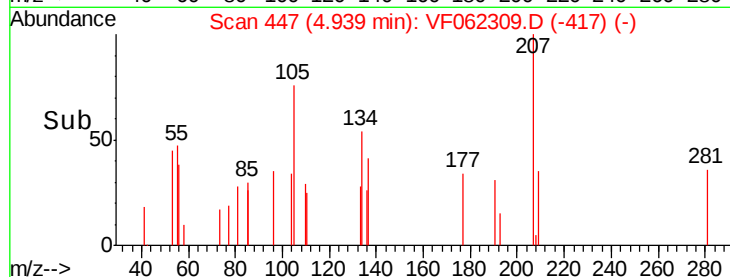
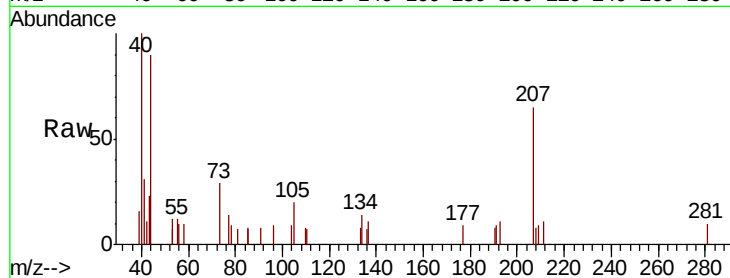
Ion Ratio Lower Upper

41 100

39 96.4 47.3 70.9#

67 0.0 41.3 61.9#

52 0.0 49.4 74.2#

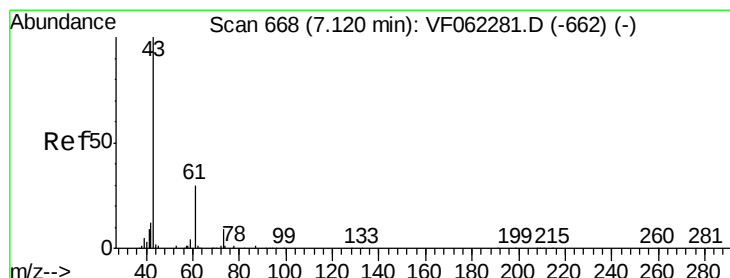
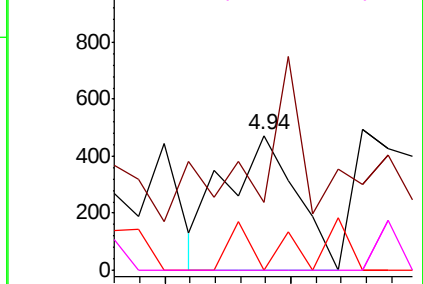


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 2.191 ug/l

RT: 7.17 min Scan# 673

Delta R.T. 0.05 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

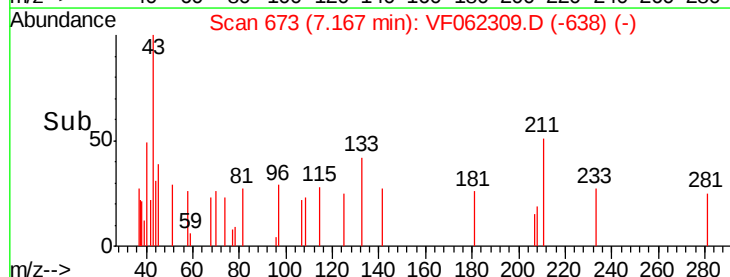
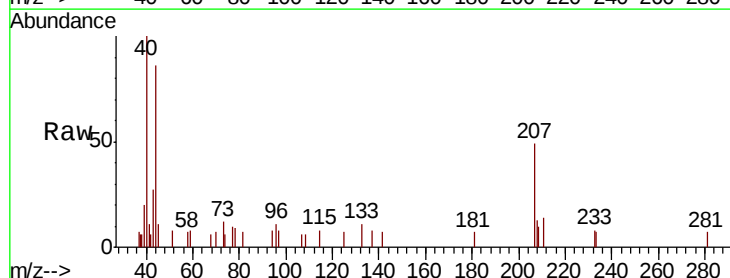
Tgt Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

61 5.6 23.8 35.6#

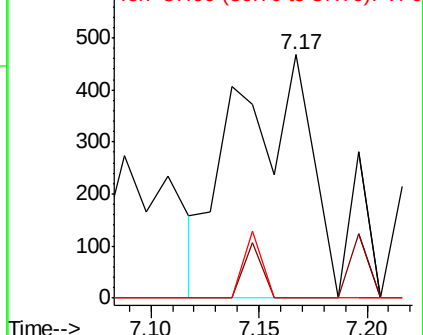
87 6.8 0.5 0.7#

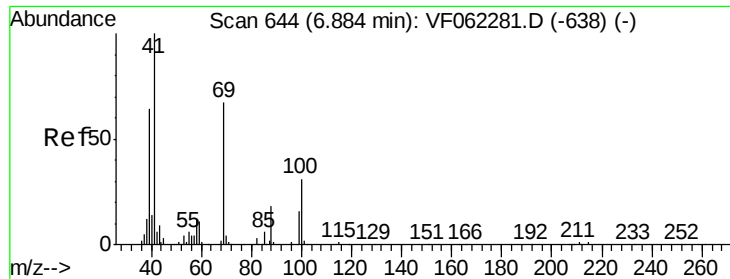


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#49

1,4-Dioxane

Concen: 16.090 ug/l

RT: 6.90 min Scan# 646

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0419-S-DH-7

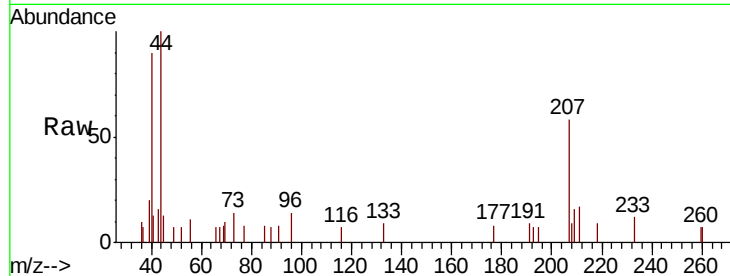
Tot Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 0.0 34.2 51.4#

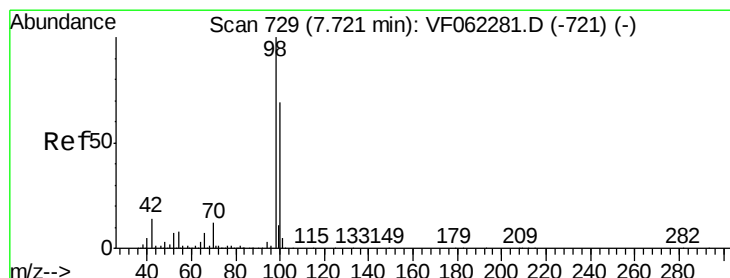
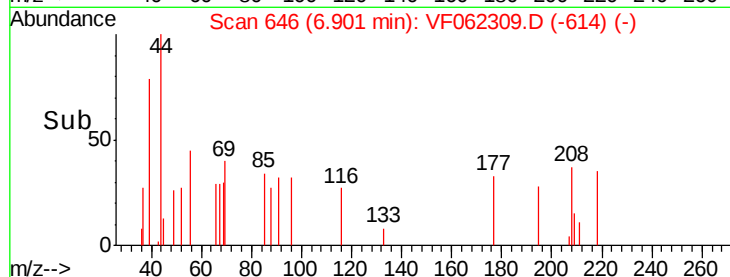
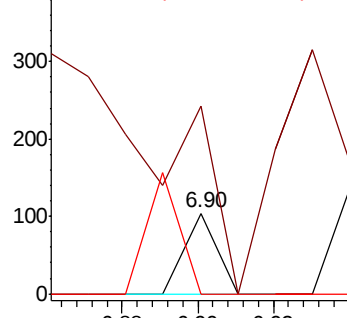
58 150.0 50.7 76.1#



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 42.346 ug/l

RT: 7.74 min Scan# 731

Delta R.T. 0.02 min

Lab File: VF062309.D

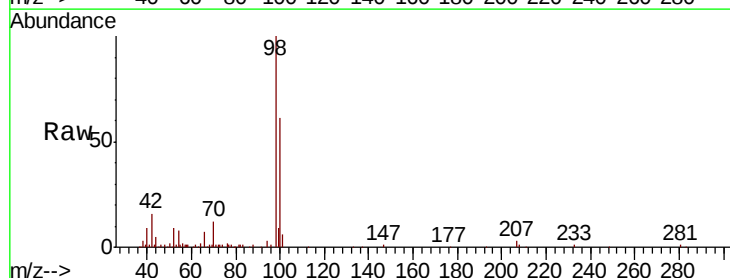
Acq: 26 Apr 2019 16:59

Tgt Ion: 98 Resp: 90251

Ion Ratio Lower Upper

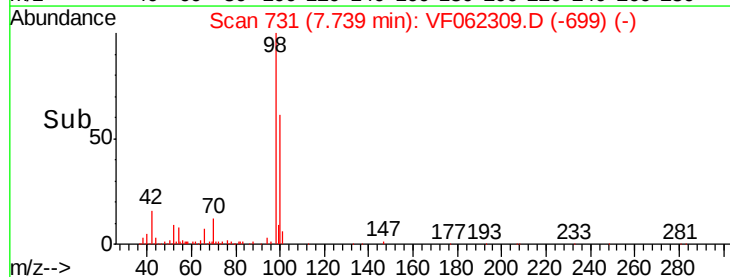
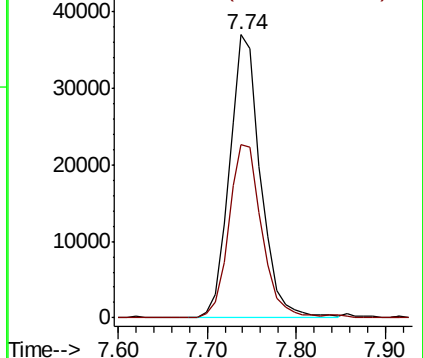
98 100

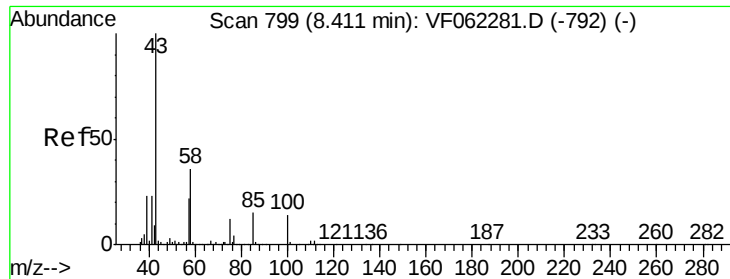
100 65.1 54.4 81.6



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: 4.396 ug/l

RT: 8.44 min Scan# 802

Delta R.T. 0.03 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

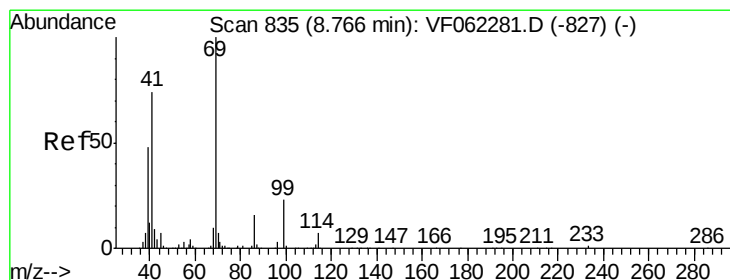
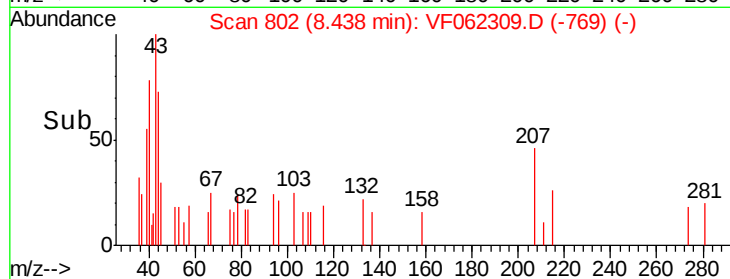
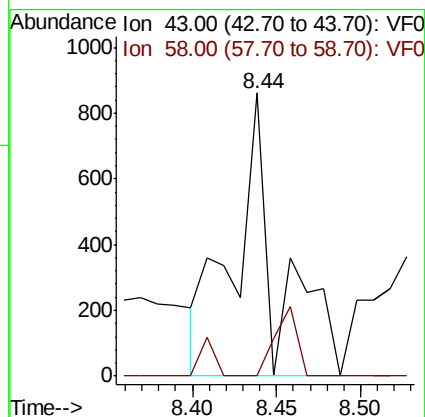
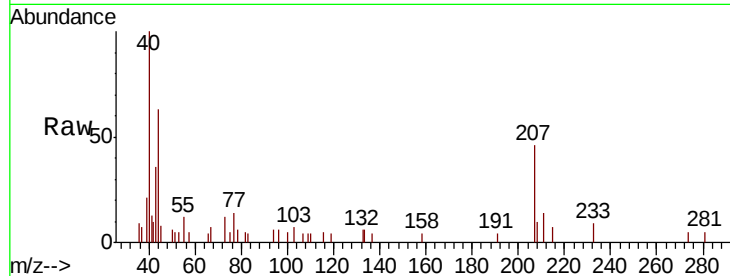
SSSI-0419-S-DH-7

Tot Ion: 43 Resp: 1582

Ion Ratio Lower Upper

43 100

58 12.1 29.1 43.7#



#56

Ethyl methacrylate

Concen: 1.590 ug/l

RT: 8.78 min Scan# 837

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

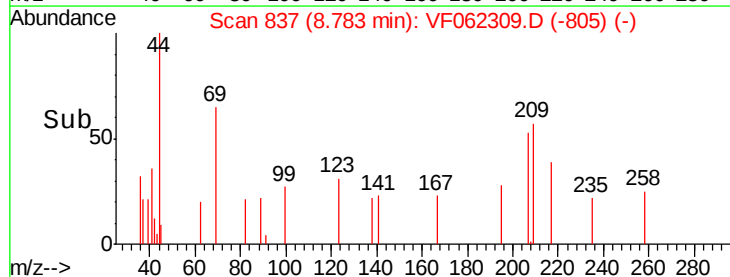
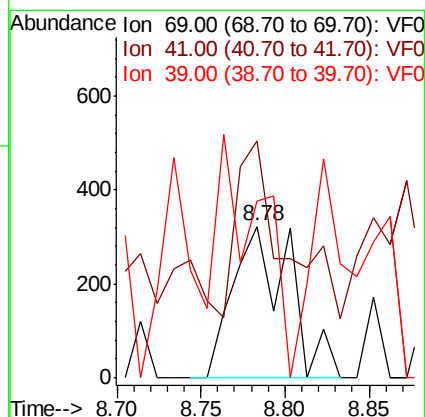
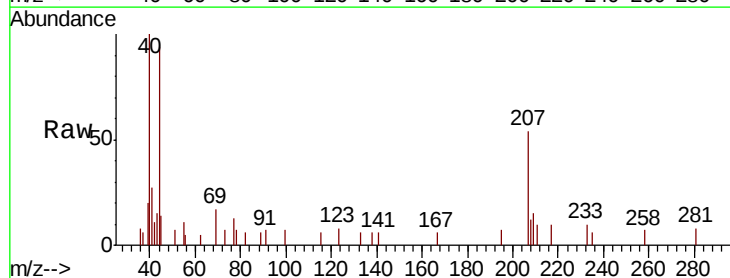
Tgt Ion: 69 Resp: 751

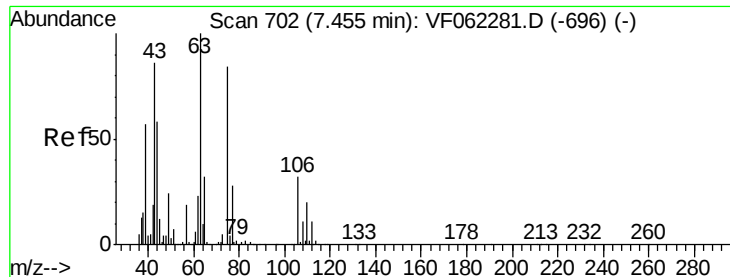
Ion Ratio Lower Upper

69 100

41 101.5 61.5 92.3#

39 120.2 37.9 56.9#

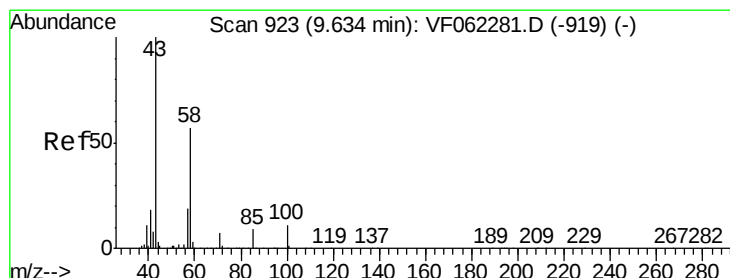
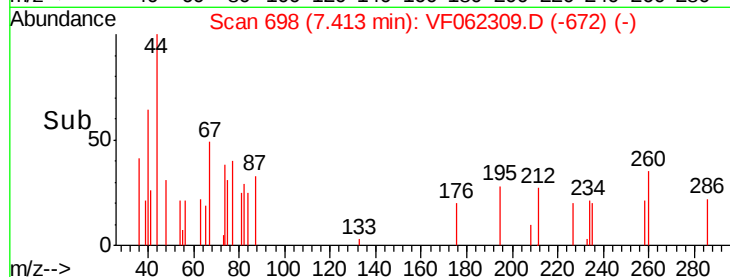
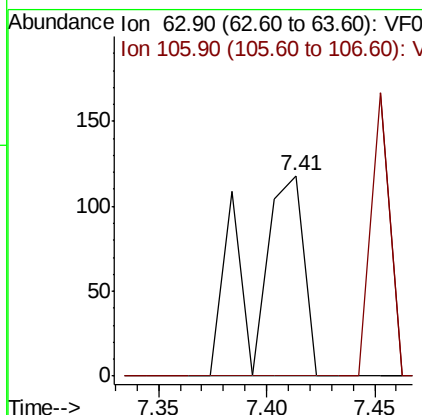
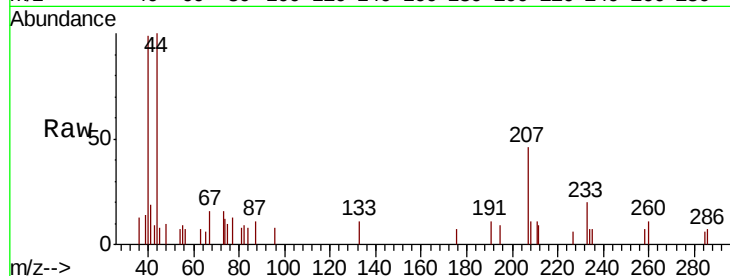




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.364 ug/l
 RT: 7.41 min Scan# 698
 Delta R.T. -0.04 min
 Lab File: VF062309.D
 Acq: 26 Apr 2019 16:59

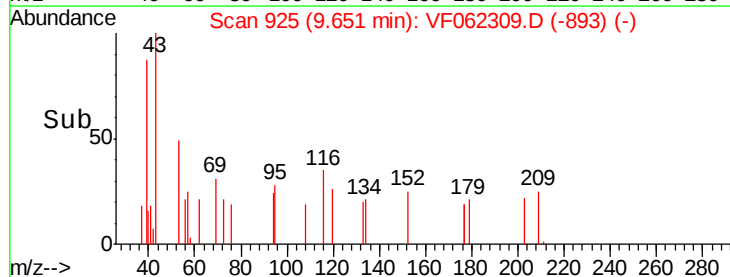
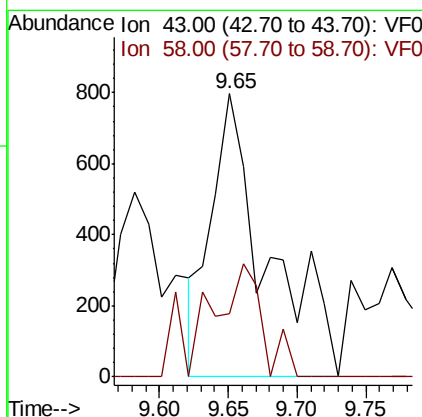
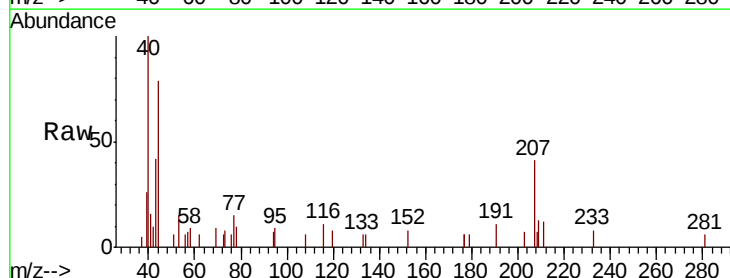
Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-0419-S-DH-7

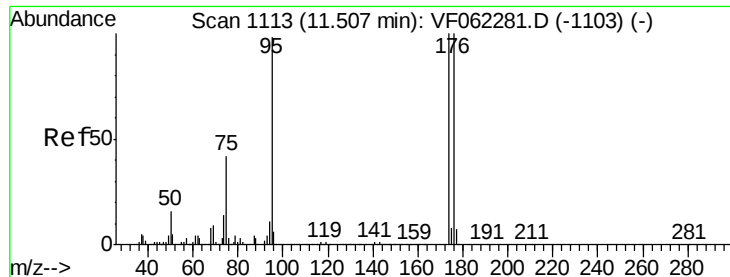
Tot Ion: 63 Resp: 196
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.7 37.1#



#59
 2-Hexanone
 Concen: Below Cal
 RT: 9.65 min Scan# 925
 Delta R.T. 0.02 min
 Lab File: VF062309.D
 Acq: 26 Apr 2019 16:59

Tgt Ion: 43 Resp: 2261
 Ion Ratio Lower Upper
 43 100
 58 34.0 24.9 74.7





#62

4-Bromofluorobenzene

Concen: 23.065 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0419-S-DH-7

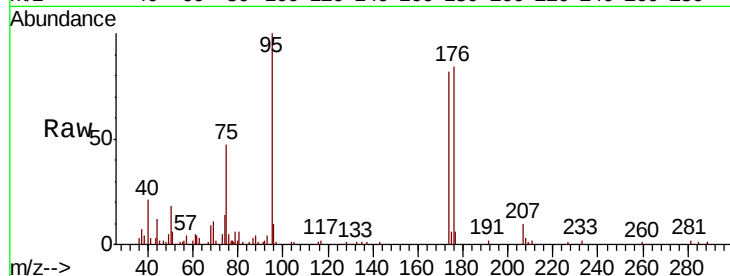
Tot Ion: 95 Resp: 20262

Ion Ratio Lower Upper

95 100

174 99.3 0.0 185.2

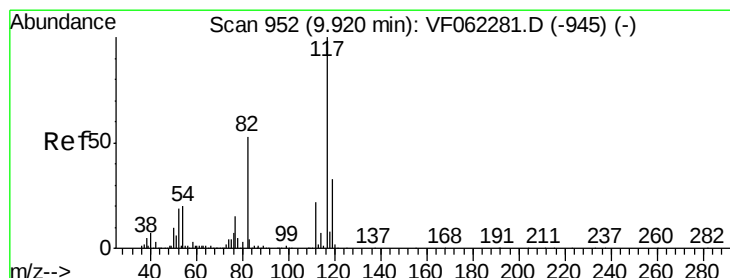
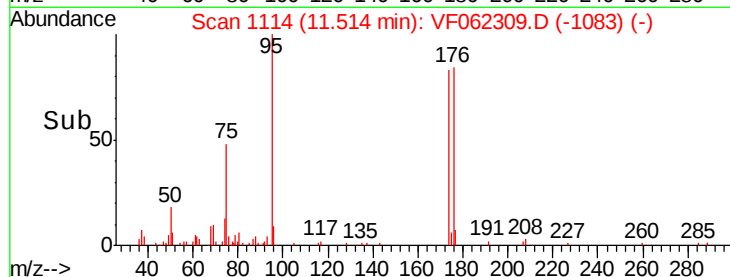
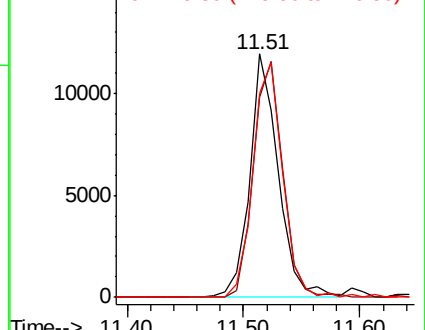
176 99.6 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.94 min Scan# 954

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

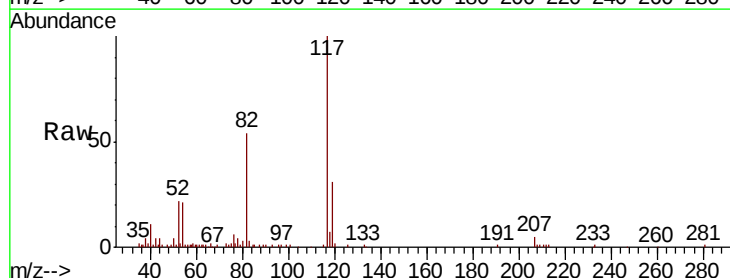
Tgt Ion: 117 Resp: 61680

Ion Ratio Lower Upper

117 100

82 53.5 42.6 64.0

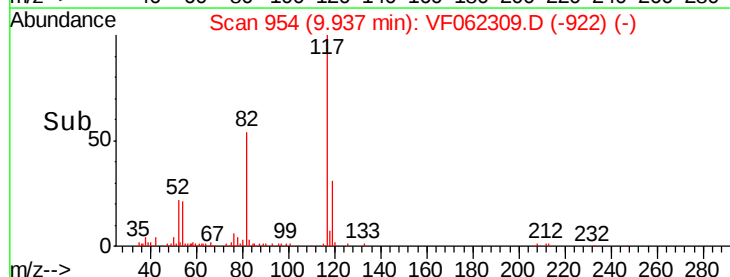
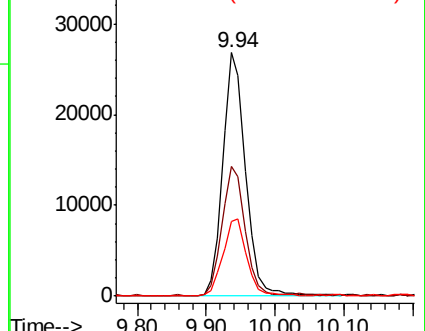
119 30.8 26.1 39.1

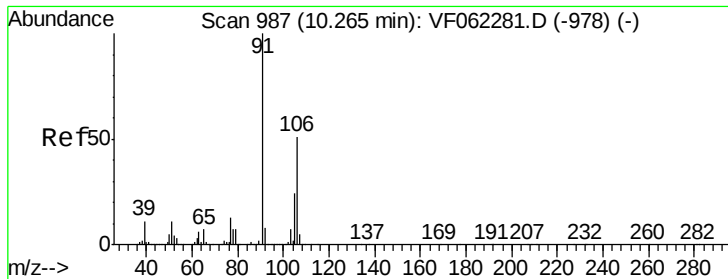


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V

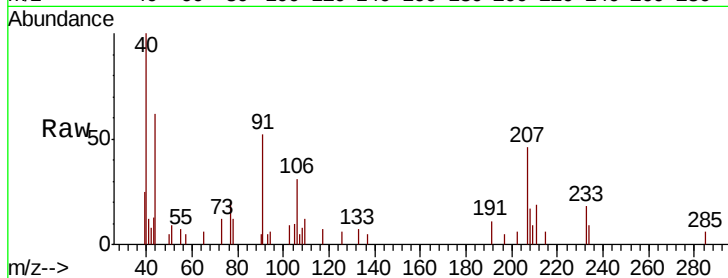




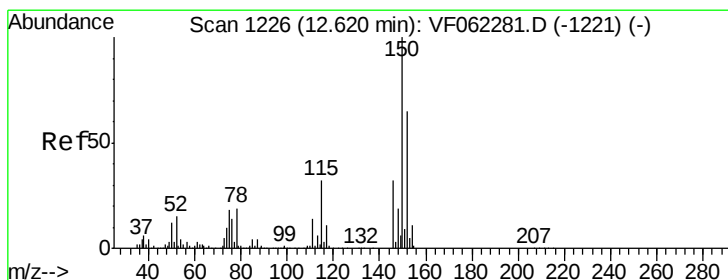
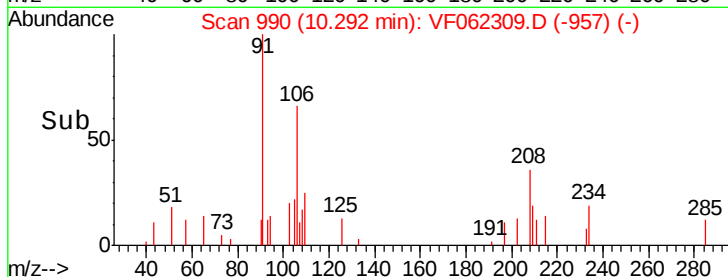
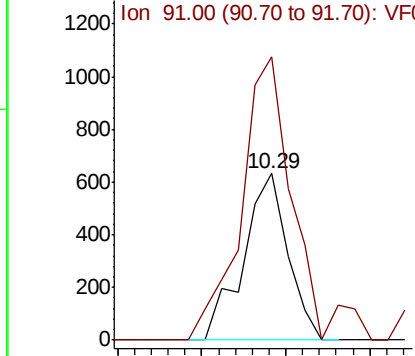
#68
m/p-Xvlenes
Concen: 1.589 ug/l
RT: 10.29 min Scan# 990
Delta R.T. 0.03 min
Lab File: VF062309.D
Acq: 26 Apr 2019 16:59

Instrument :
MSVOA_F
ClientSampleId :
SSSI-0419-S-DH-7

Tot Ion:106 Resp: 1159
Ion Ratio Lower Upper
106 100
91 200.4 158.3 237.5

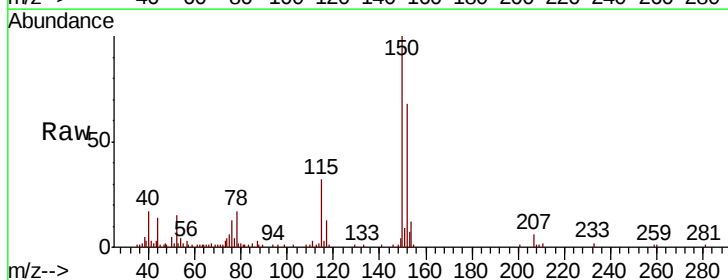


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

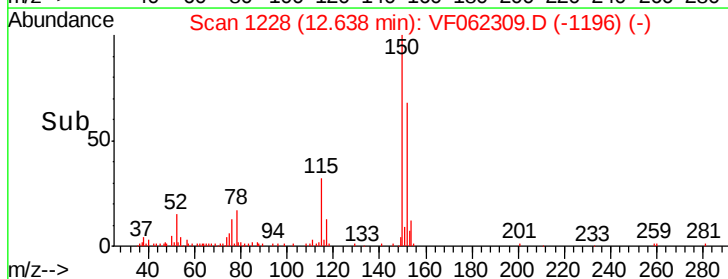
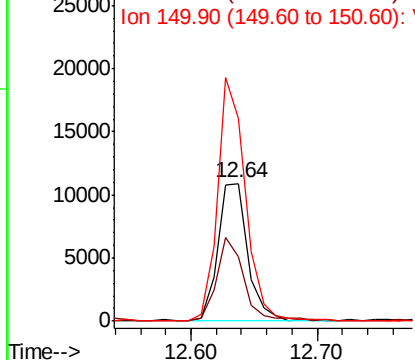


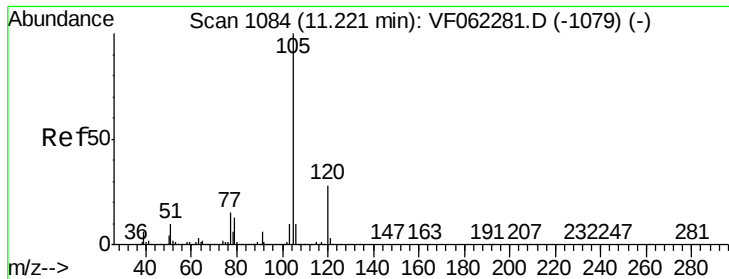
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.02 min
Lab File: VF062309.D
Acq: 26 Apr 2019 16:59

Tgt Ion:152 Resp: 18030
Ion Ratio Lower Upper
152 100
115 55.4 25.6 76.8
150 163.4 0.0 330.6



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





#73

Isopropylbenzene

Concen: 1.449 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

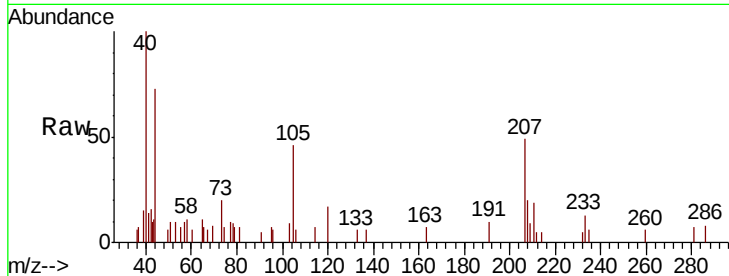
SSSI-0419-S-DH-7

Tot Ion: 105 Resp: 1790

Ion Ratio Lower Upper

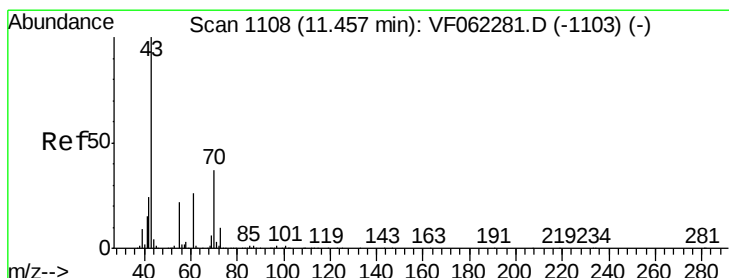
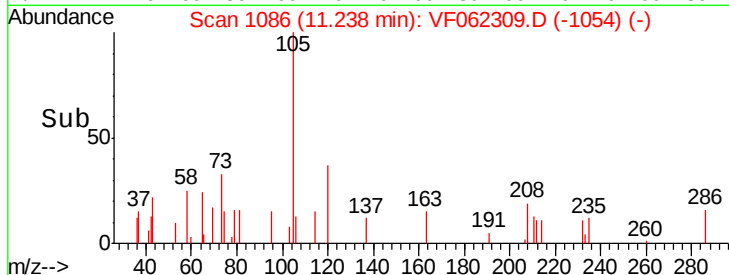
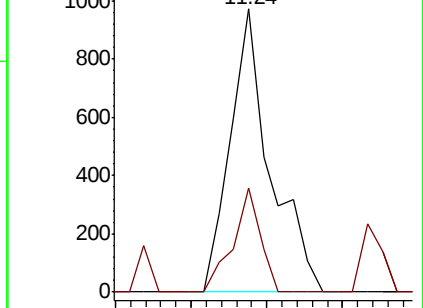
105 100

120 25.1 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.460 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Tgt Ion: 43 Resp: 1554

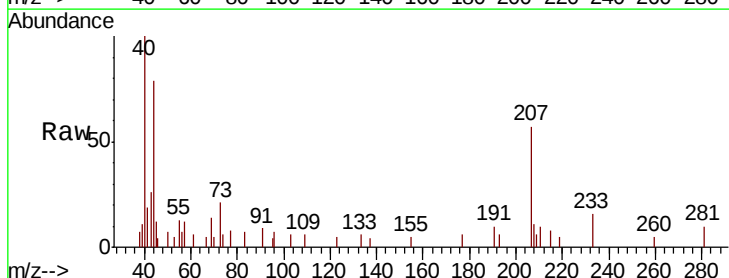
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.8#

55 58.9 16.6 24.8#

61 0.0 20.0 30.0#

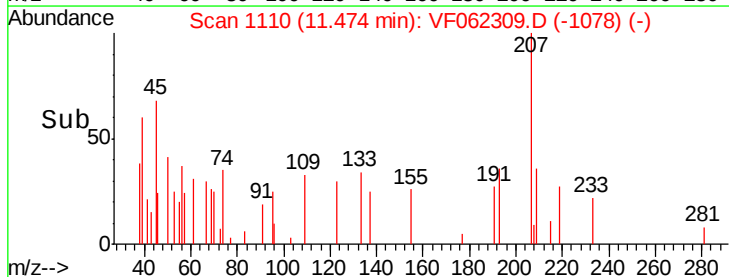
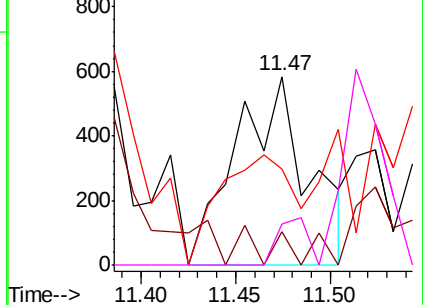


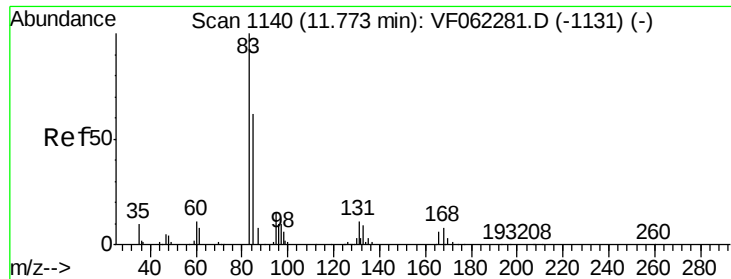
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.690 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.00 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0419-S-DH-7

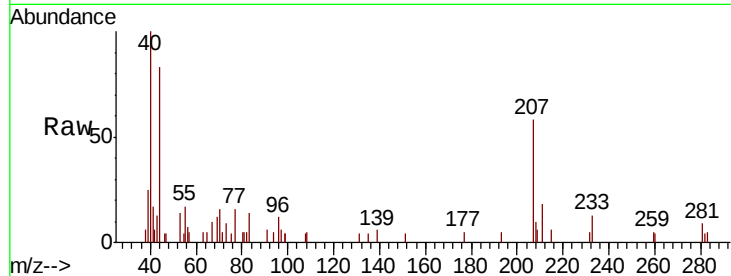
Tot Ion: 83 Resp: 528

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.5

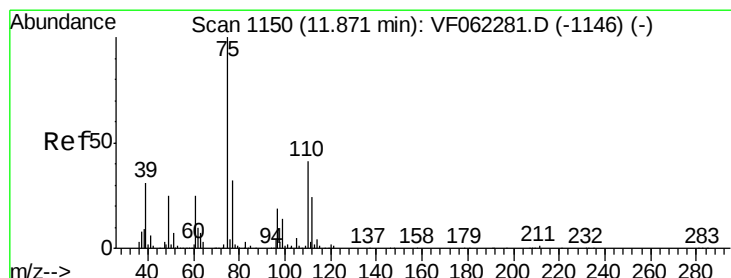
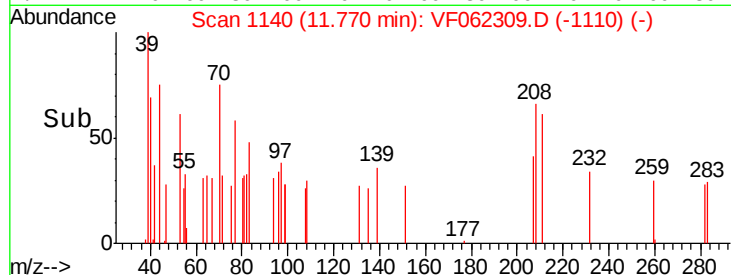
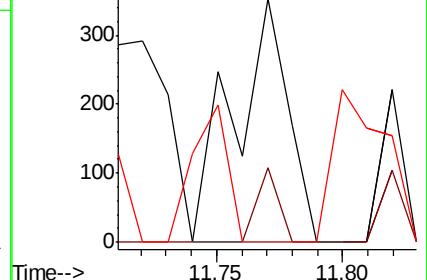
85 36.6 34.5 103.6



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 1.996 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.02 min

Lab File: VF062309.D

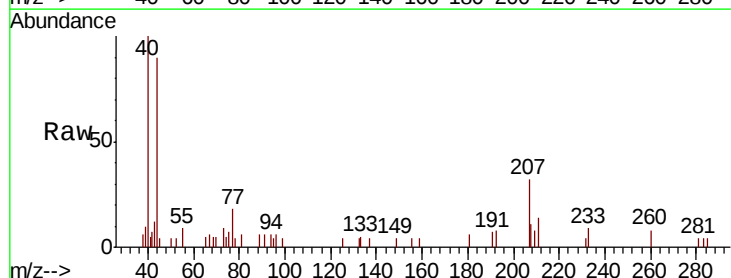
Acq: 26 Apr 2019 16:59

Tgt Ion: 75 Resp: 278

Ion Ratio Lower Upper

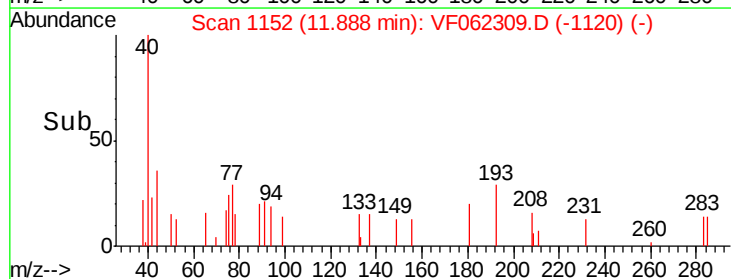
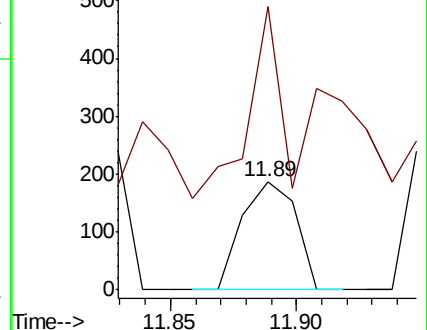
75 100

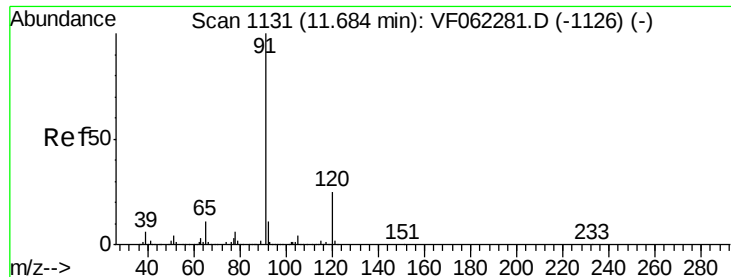
77 101.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#78

n-propylbenzene

Concen: 1.836 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

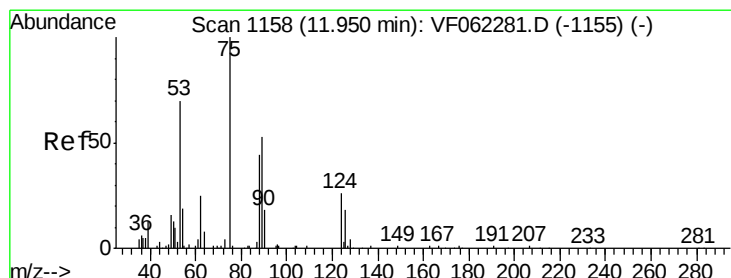
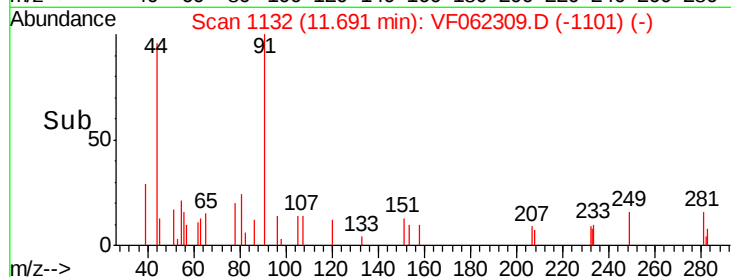
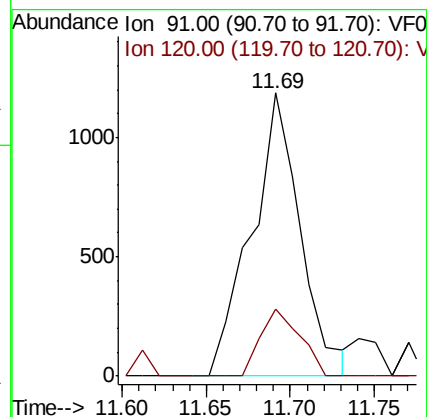
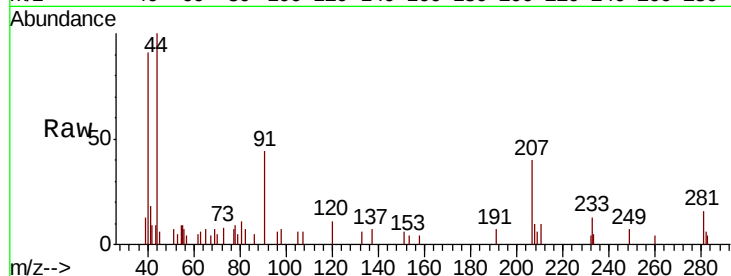
SSSI-0419-S-DH-7

Tot Ion: 91 Resp: 2387

Ion Ratio Lower Upper

91 100

120 19.1 11.8 35.4



#81

trans-1,4-Dichloro-2-butene

Concen: 2.265 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

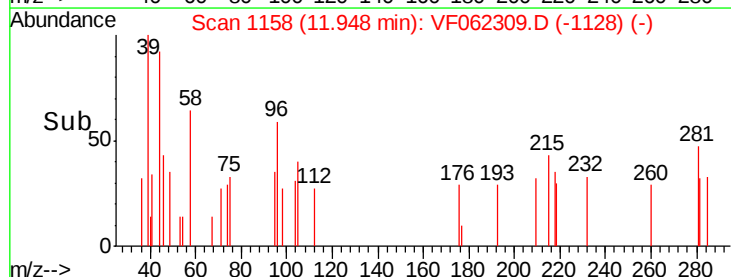
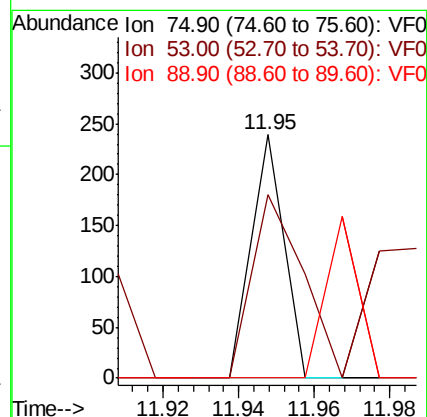
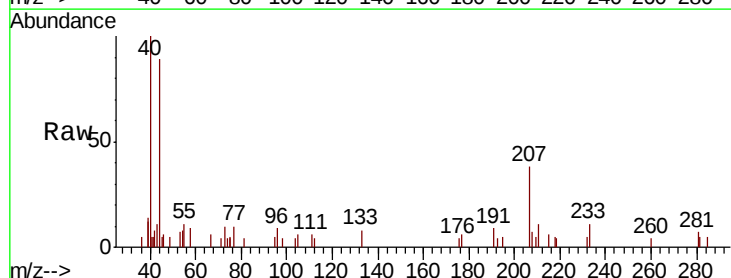
Tgt Ion: 75 Resp: 141

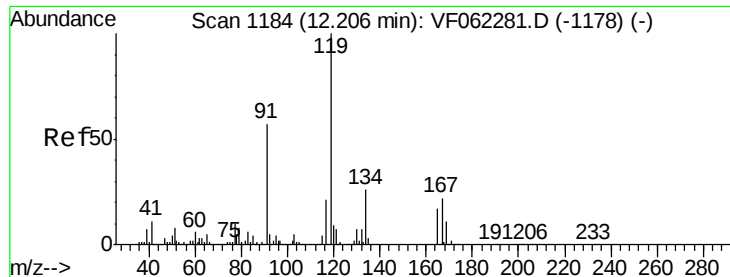
Ion Ratio Lower Upper

75 100

53 118.4 67.1 100.7#

89 66.7 0.0 0.0#





#83

tert-Butylbenzene

Concen: 1.001 ug/l

RT: 12.22 min Scan# 1186

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0419-S-DH-7

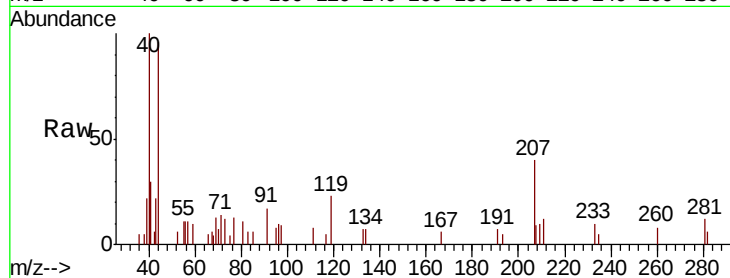
Tot Ion:119 Resp: 1071

Ion Ratio Lower Upper

119 100

91 96.2 29.4 88.2#

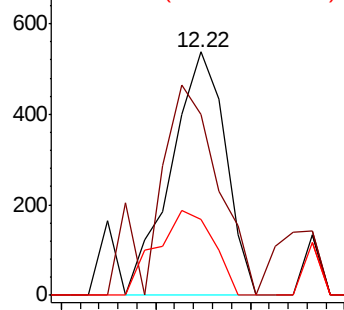
134 36.9 11.9 35.7#



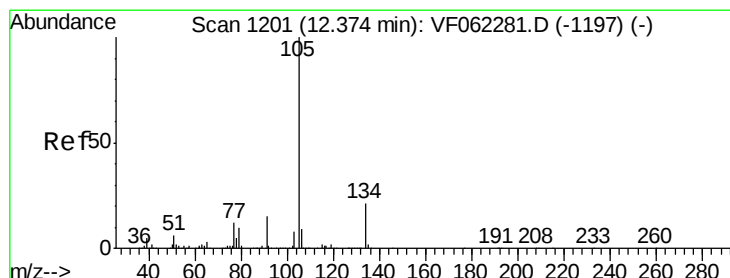
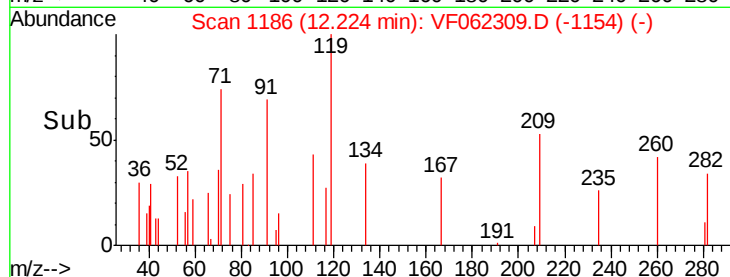
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



Time--> 12.15 12.20 12.25



#85

sec-Butylbenzene

Concen: 1.221 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.02 min

Lab File: VF062309.D

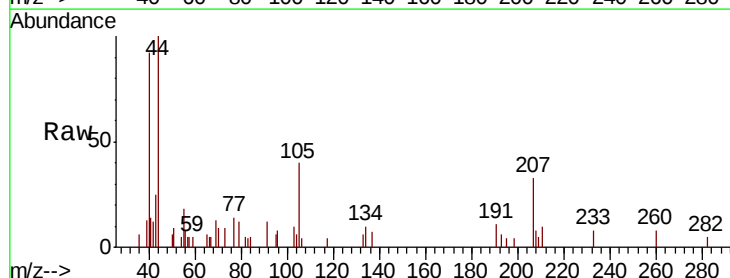
Acq: 26 Apr 2019 16:59

Tgt Ion:105 Resp: 1628

Ion Ratio Lower Upper

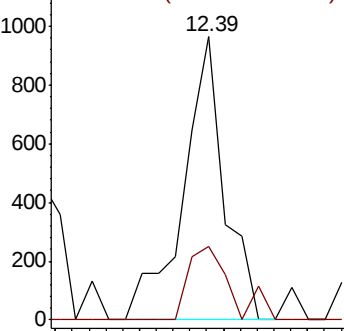
105 100

134 26.8 10.2 30.4

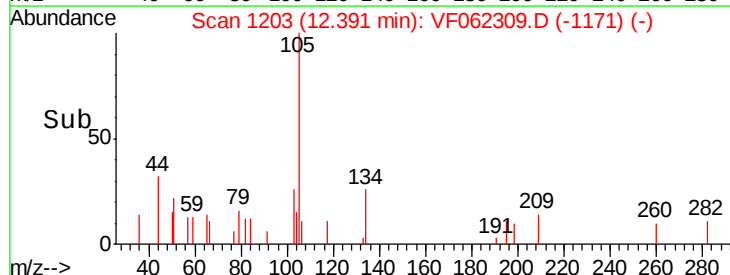


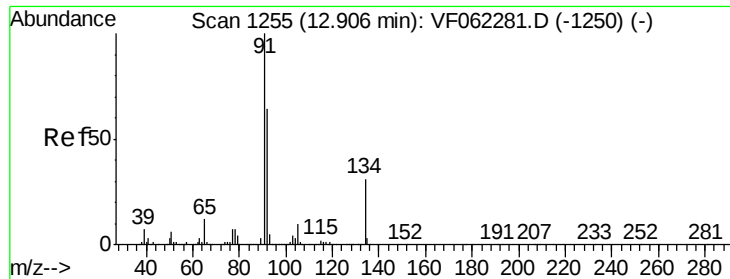
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 12.30 12.35 12.40 12.45





#89

n-Butylbenzene

Concen: 1.344 ug/l

RT: 12.91 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0419-S-DH-7

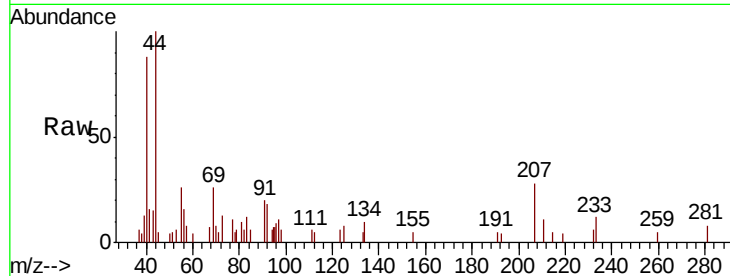
Tot Ion: 91 Resp: 1460

Ion Ratio Lower Upper

91 100

92 49.5 31.1 93.3

134 18.4 14.4 43.4



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

12.91

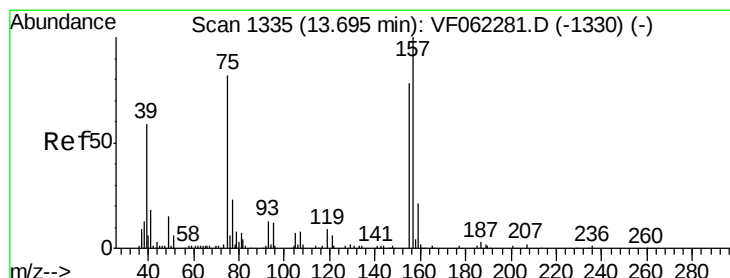
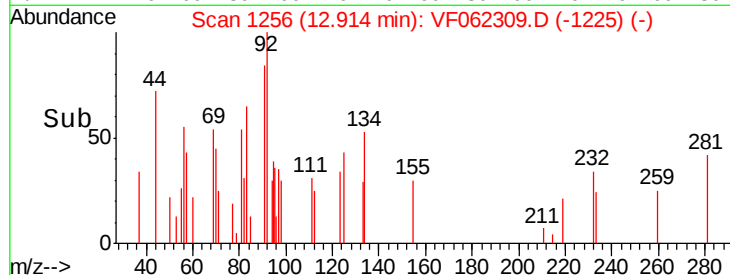
400

200

0

12.80 12.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.203 ug/l

RT: 13.66 min Scan# 1332

Delta R.T. -0.03 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

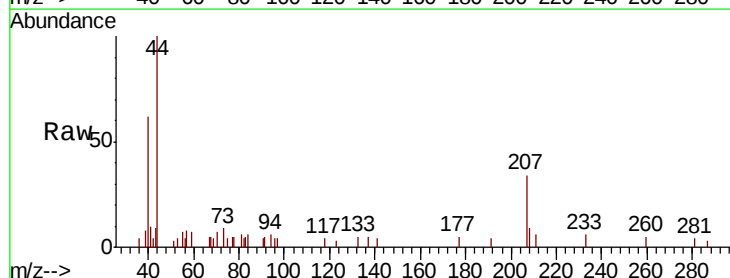
Tgt Ion: 75 Resp: 206

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.2#

157 0.0 64.5 193.5#



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

13.66

150

100

50

0

13.65 13.70

Time-->

