

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059251.D
 Acq On : 21 Jun 2018 4:51
 Operator : VA/AP
 Sample : J3570-01
 Misc : 5.07µ/5mL/MSVOA-F/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180371-COMPOSITE-CS-1A

Quant Time: Jun 21 08:04:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	5166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	7150	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	3564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	1402	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	1423	22.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	45.42%	
35) Dibromofluoromethane	4.28	113	1704	33.96	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	67.92%	
50) Toluene-d8	7.71	98	5721	38.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.64%	
62) 4-Bromofluorobenzene	11.51	95	1775	23.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	46.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	83	1.42	ug/l #	42
3) Chloromethane	1.08	50	98	2.16	ug/l #	41
5) Bromomethane	1.32	94	63	2.65	ug/l #	69
6) Chloroethane	1.50	64	64	3.77	ug/l #	44
8) Diethyl Ether	1.73	74	61	3.82	ug/l #	1
11) Tert butyl alcohol	2.66	59	74	18.43	ug/l #	71
12) 1,1-Dichloroethene	1.93	96	96	2.82	ug/l #	1
14) Allyl chloride	2.19	41	269	4.03	ug/l #	65
15) Acrylonitrile	3.08	53	161	20.19	ug/l #	60
16) Acetone	2.33	43	667	44.59	ug/l #	59
17) Carbon Disulfide	1.85	76	8123	84.99	ug/l	99
18) Methyl Acetate	2.45	43	64	2.49	ug/l #	66
20) Methylene Chloride	2.41	84	76	2.12	ug/l #	1
21) trans-1,2-Dichloroethene	2.39	96	76	2.04	ug/l #	1
23) Vinyl Acetate	3.32	43	190	2.19	ug/l #	78
25) 2-Butanone	4.50	43	651	28.07	ug/l #	56
26) 2,2-Dichloropropane	3.79	77	114	1.97	ug/l #	65
27) cis-1,2-Dichloroethene	3.55	96	88	1.53	ug/l	1
28) Bromochloromethane	3.84	49	67	1.87	ug/l #	2
29) Tetrahydrofuran	4.26	42	157	15.36	ug/l #	36
31) Cyclohexane	3.86	56	72	1.04	ug/l #	15
37) Ethyl Acetate	4.27	43	148	3.46	ug/l #	17
38) Carbon Tetrachloride	4.24	117	95	1.26	ug/l #	13
39) Methylcyclohexane	5.62	83	177	2.51	ug/l #	13
41) Methacrylonitrile	4.92	41	86	4.09	ug/l #	36
42) 1,2-Dichloroethane	5.08	62	79	1.09	ug/l	82
43) Isopropyl Acetate	7.11	43	685	11.94	ug/l #	44
45) 1,2-Dichloropropane	6.40	63	86	1.85	ug/l #	44
48) Methyl methacrylate	6.87	41	301	8.51	ug/l #	15
49) 1,4-Dioxane	6.60	88	63	234.99	ug/l #	16
51) 4-Methyl-2-Pentanone	8.40	43	900	22.90	ug/l #	82
53) t-1,3-Dichloropropene	8.43	75	118	1.53	ug/l #	59
55) 1,1,2-Trichloroethane	8.64	97	73	1.74	ug/l #	16
56) Ethyl methacrylate	8.77	69	813	15.36	ug/l #	56

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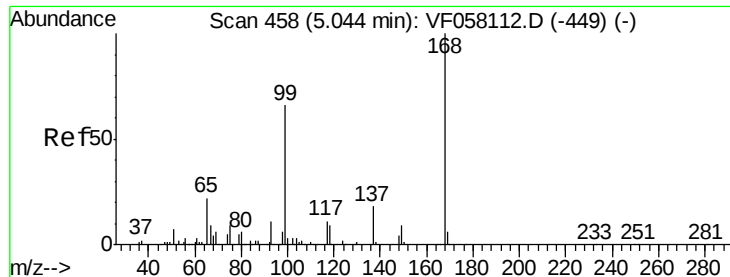
Instrument :
 MSVOA_F
 ClientSampleId :
 20180371-COMPOSITE-CS-1A

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

58) 2-Chloroethyl Vinyl ether	7.89	63	78	20.61	ug/l	100
59) 2-Hexanone	9.62	43	2485	79.92	ug/l	94
60) Dibromochloromethane	8.72	129	77	1.28	ug/l #	12
61) 1,2-Dibromoethane	9.12	107	64	1.31	ug/l #	2
66) 1,1,1,2-Tetrachloroethane	10.09	131	69	2.46	ug/l #	7
67) Ethyl Benzene	10.04	91	193	1.57	ug/l #	44
70) Styrene	10.89	104	777	10.35	ug/l #	30
71) Bromoform	10.87	173	83	4.35	ug/l #	35
73) Isopropylbenzene	11.29	105	102	1.05	ug/l #	50
74) N-amyl acetate	11.46	43	749	21.60	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.81	83	186	8.08	ug/l #	24
76) 1,2,3-Trichloropropane	11.87	75	222	13.06	ug/l #	40
77) Bromobenzene	11.59	156	92	3.77	ug/l #	55
78) n-propylbenzene	11.68	91	249	2.17	ug/l #	53
79) 2-Chlorotoluene	11.81	91	262	3.86	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.92	105	83	1.03	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.94	75	62	5.63	ug/l #	4
82) 4-Chlorotoluene	11.99	91	774	10.71	ug/l #	40
83) tert-Butylbenzene	12.21	119	163	2.04	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.28	105	302	3.63	ug/l #	28
86) p-Isopropyltoluene	12.54	119	147	1.65	ug/l #	50
87) 1,3-Dichlorobenzene	12.56	146	65	1.44	ug/l #	1
88) 1,4-Dichlorobenzene	12.65	146	184	4.23	ug/l #	24
89) n-Butylbenzene	12.92	91	587	4.95	ug/l #	78
90) Hexachloroethane	12.86	117	69	3.15	ug/l #	24
91) 1,2-Dichlorobenzene	13.02	146	279	6.42	ug/l #	75
92) 1,2-Dibromo-3-Chloropropan	13.73	75	85	18.83	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.28	180	77	2.53	ug/l #	11
95) Naphthalene	14.52	128	527	8.12	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.67	180	200	7.12	ug/l #	68

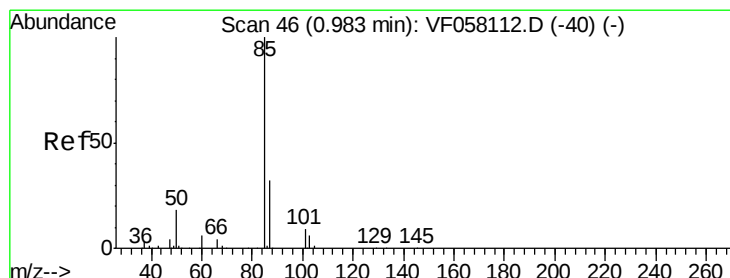
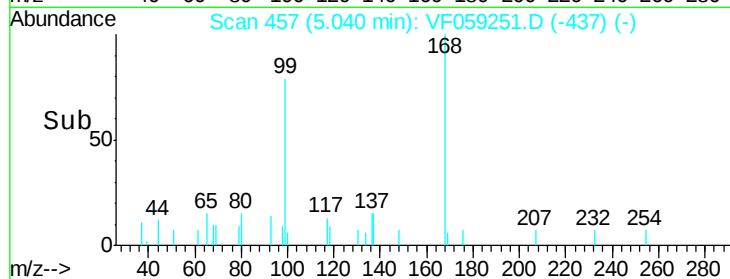
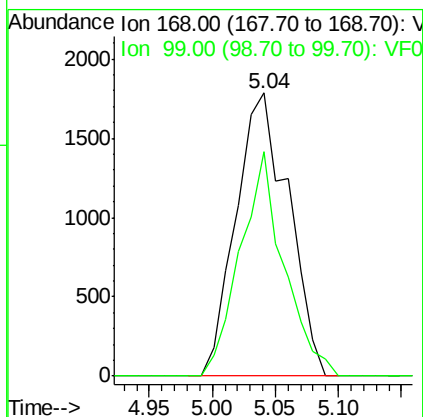
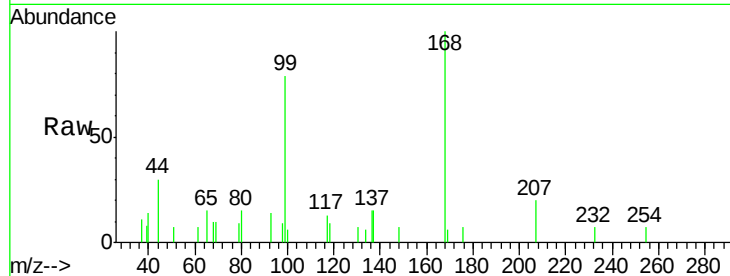
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

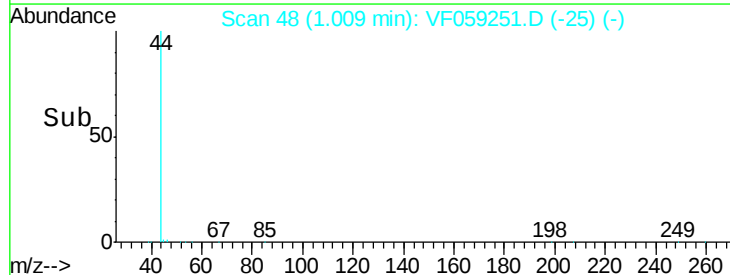
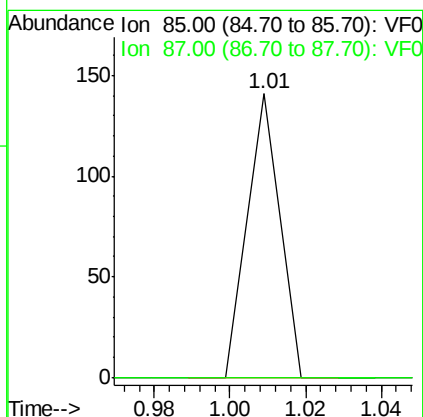
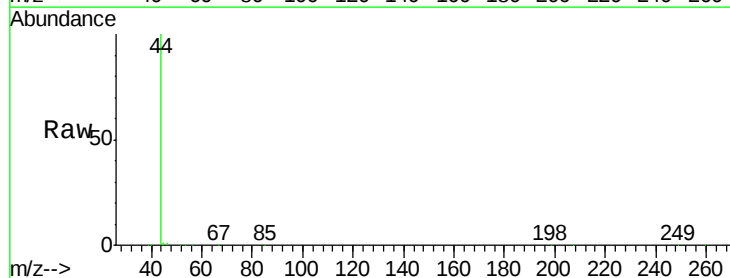
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

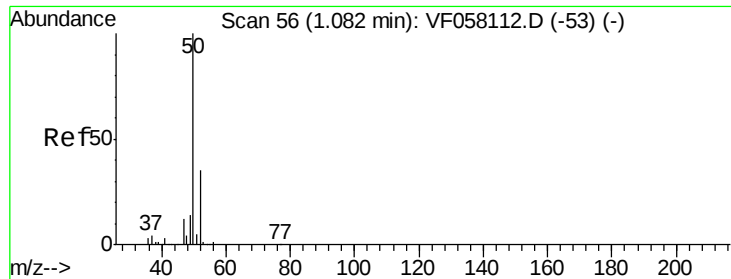
Tot Ion:168 Resp: 5166
Ion Ratio Lower Upper
168 100
99 85.5 52.9 79.3#



#2
Dichlorodifluoromethane
Concen: 1.42 ug/l
RT: 1.01 min Scan# 48
Delta R.T. 0.03 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 85 Resp: 83
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#





#3

Chloromethane

Concen: 2.16 ug/l

RT: 1.08 min Scan# 55

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

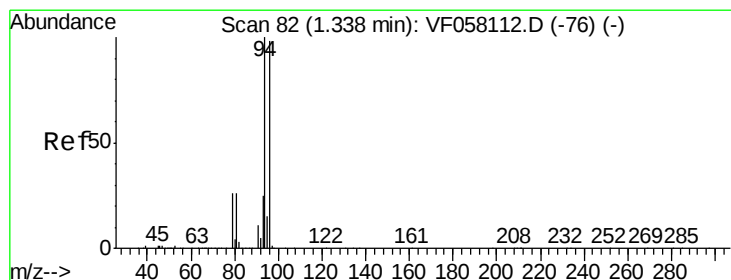
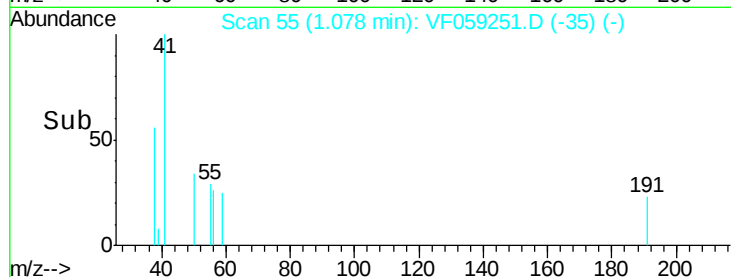
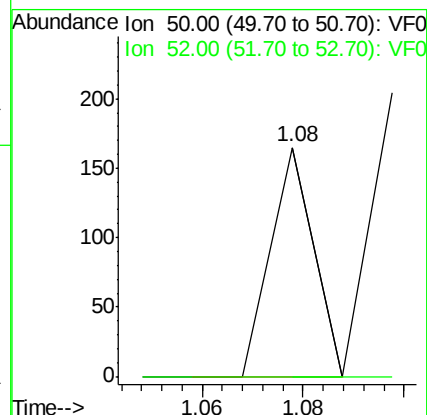
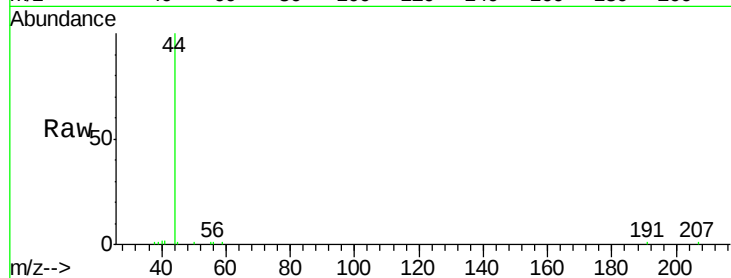
20180371-COMPOSITE-CS-1A

Tot Ion: 50 Resp: 98

Ion Ratio Lower Upper

50 100

52 0.0 27.3 40.9#



#5

Bromomethane

Concen: 2.65 ug/l

RT: 1.32 min Scan# 80

Delta R.T. -0.01 min

Lab File: VF059251.D

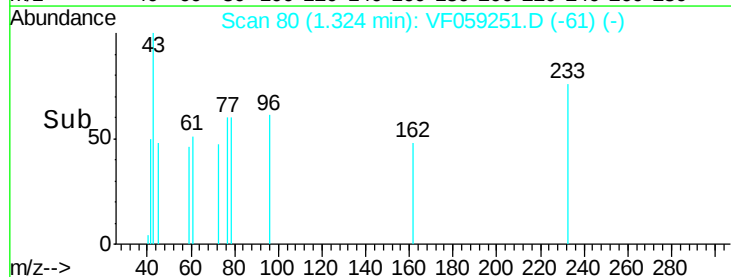
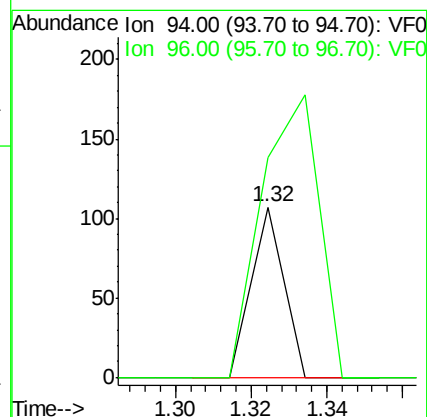
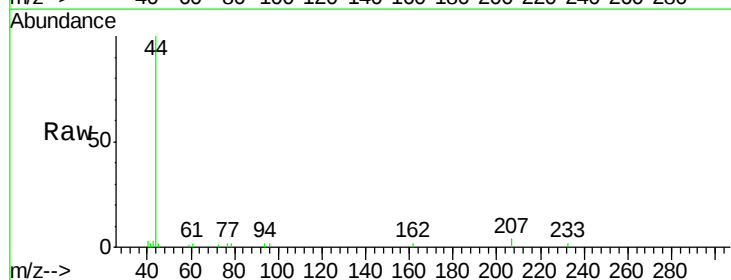
Acq: 21 Jun 2018 4:51

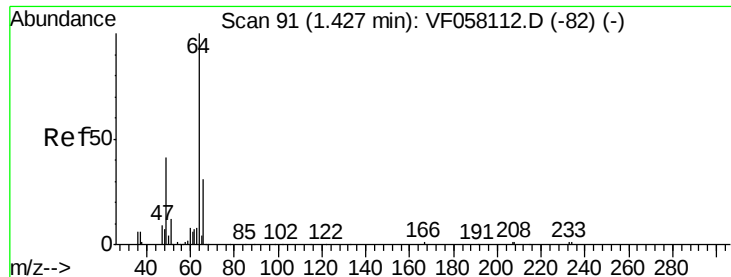
Tgt Ion: 94 Resp: 63

Ion Ratio Lower Upper

94 100

96 129.0 78.6 117.8#





#6

Chloroethane

Concen: 3.77 ug/l

RT: 1.50 min Scan# 98

Delta R.T. 0.07 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

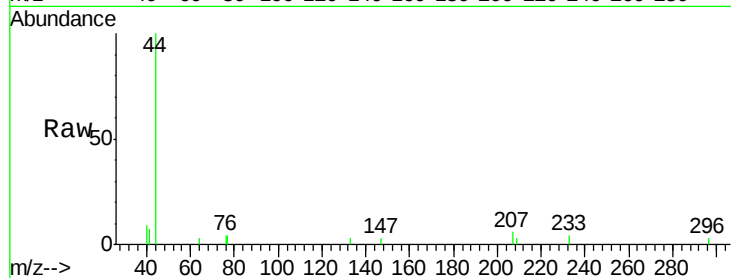
20180371-COMPOSITE-CS-1A

Tot Ion: 64 Resp: 64

Ion Ratio Lower Upper

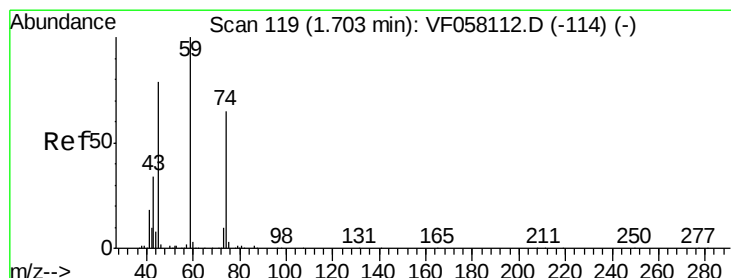
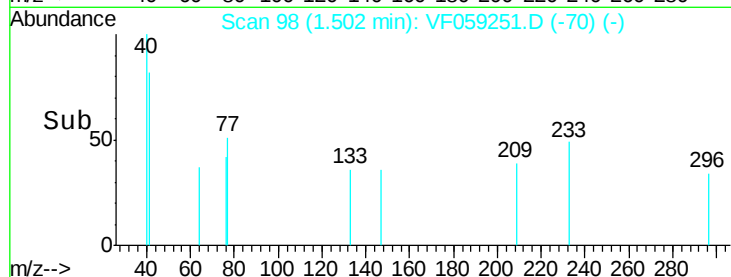
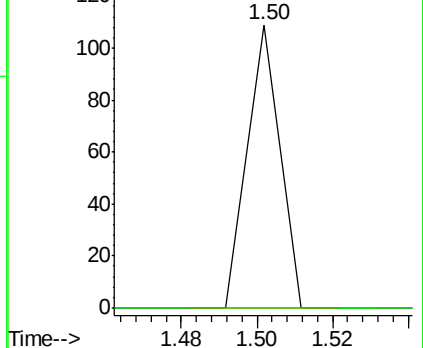
64 100

66 0.0 24.9 37.3#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#8

Diethyl Ether

Concen: 3.82 ug/l

RT: 1.73 min Scan# 121

Delta R.T. 0.03 min

Lab File: VF059251.D

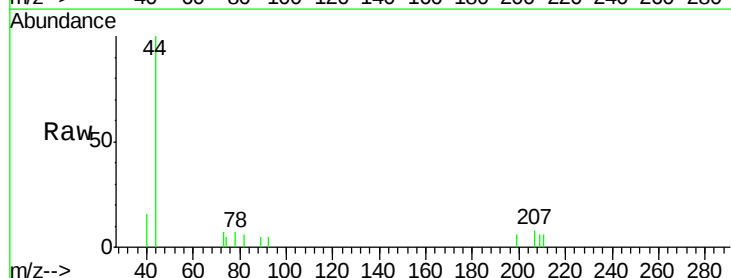
Acq: 21 Jun 2018 4:51

Tgt Ion: 74 Resp: 61

Ion Ratio Lower Upper

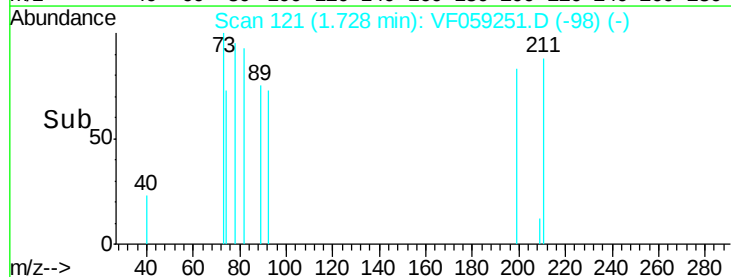
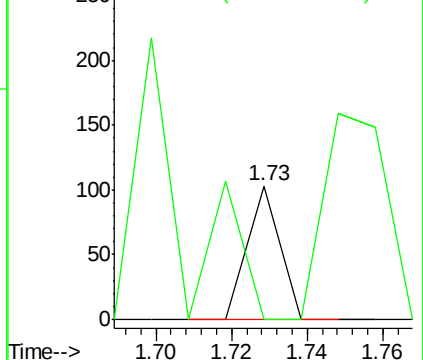
74 100

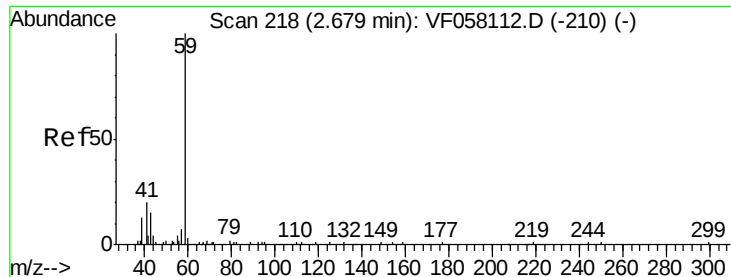
45 0.0 61.5 184.4#



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



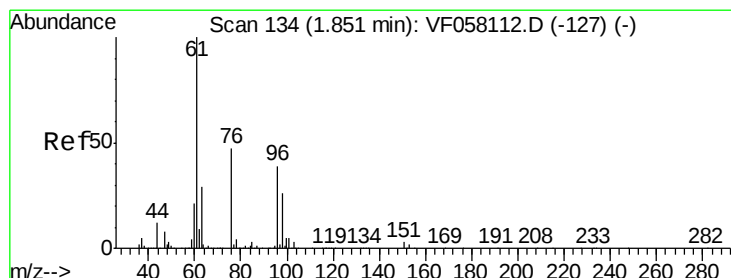
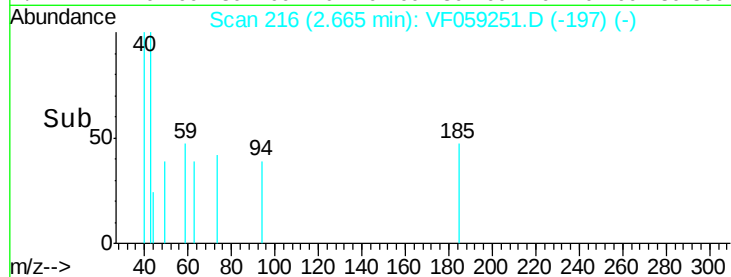
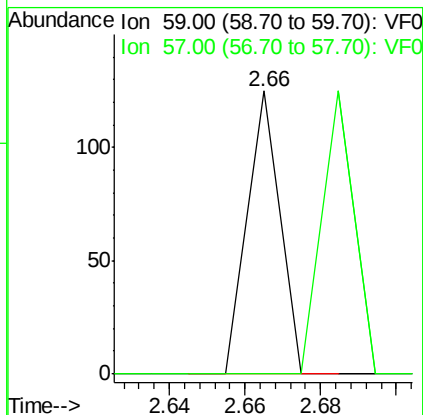
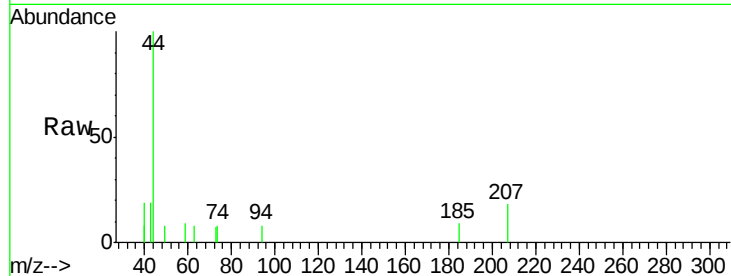


#11

Tert butyl alcohol
 Concen: 18.43 ug/l
 RT: 2.66 min Scan# 216
 Delta R.T. -0.01 min
 Lab File: VF059251.D
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Instrument :
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 ClientSampleId :
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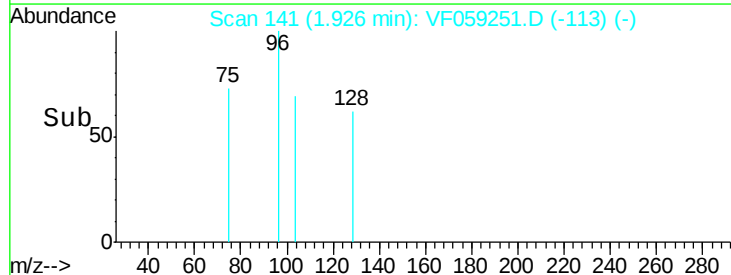
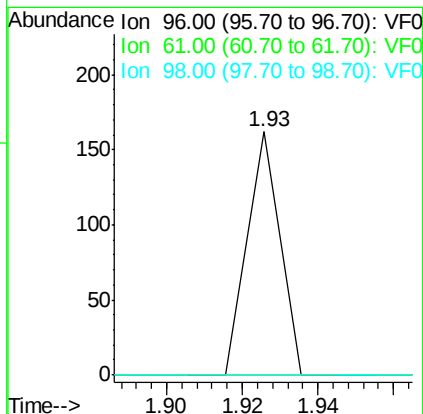
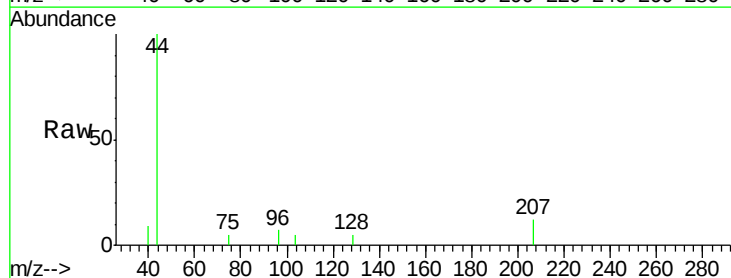
Tot Ion: 59 Resp: 74
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

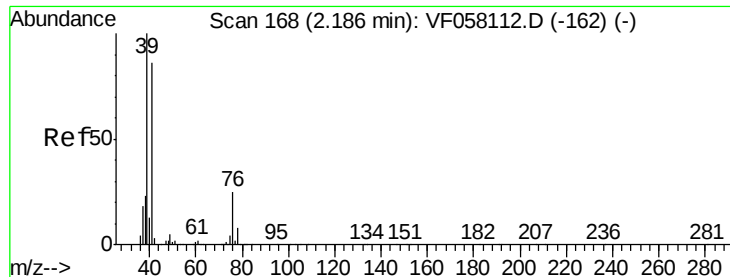


#12

1,1-Dichloroethene
 Concen: 2.82 ug/l
 RT: 1.93 min Scan# 141
 Delta R.T. 0.07 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

Tgt Ion: 96 Resp: 96
 Ion Ratio Lower Upper
 96 100
 61 0.0 203.0 304.4#
 98 0.0 52.7 79.1#

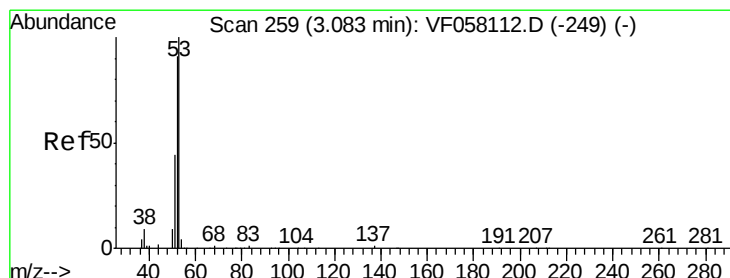
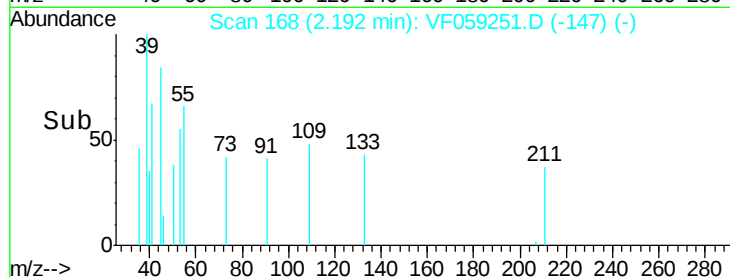
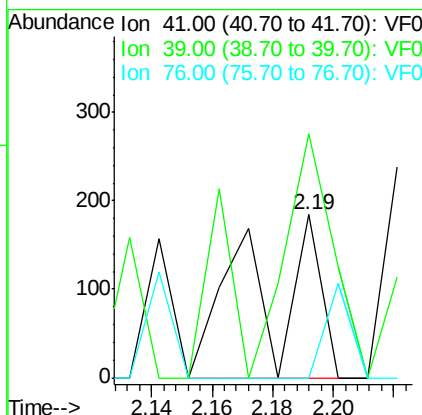
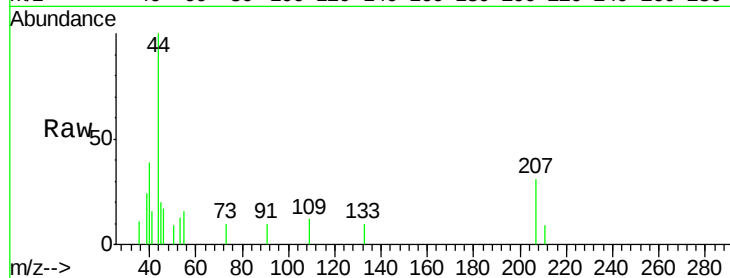




#14
Allvl chloride
Concen: 4.03 ug/l
RT: 2.19 min Scan# 168
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

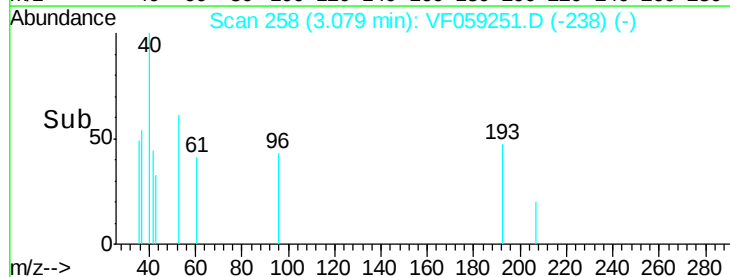
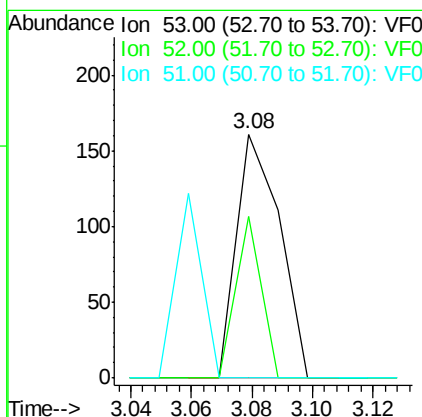
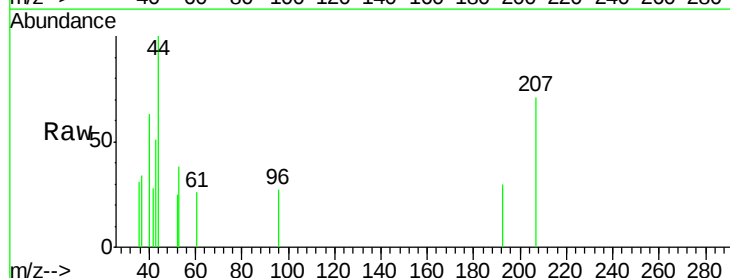
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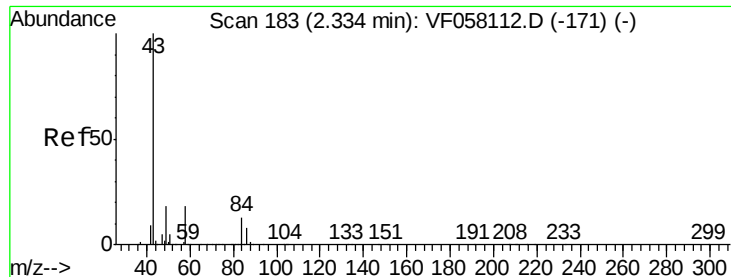
Tot Ion: 41 Resp: 269
Ion Ratio Lower Upper
41 100
39 150.0 93.5 140.3#
76 0.0 23.9 35.9#



#15
Acrylonitrile
Concen: 20.19 ug/l
RT: 3.08 min Scan# 258
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 53 Resp: 161
Ion Ratio Lower Upper
53 100
52 66.5 73.2 109.8#
51 0.0 35.6 53.4#





#16

Acetone

Concen: 44.59 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

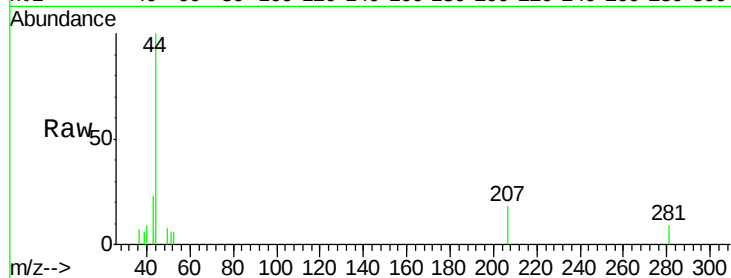
20180371-COMPOSITE-CS-1A

Tot Ion: 43 Resp: 667

Ion Ratio Lower Upper

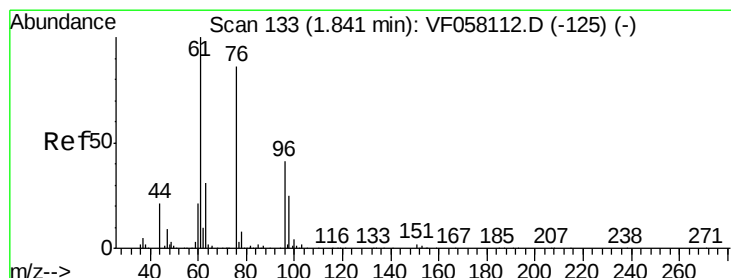
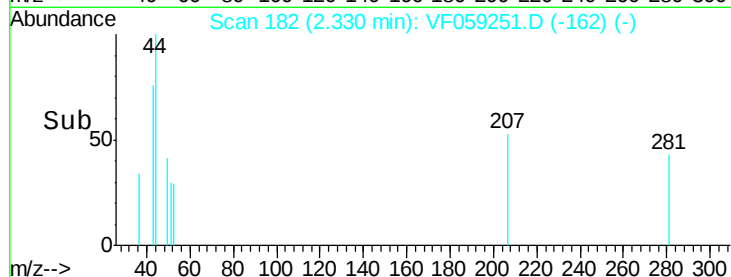
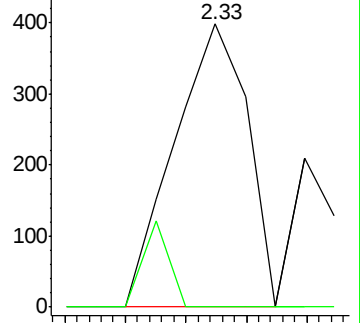
43 100

58 0.0 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#17

Carbon Disulfide

Concen: 84.99 ug/l

RT: 1.85 min Scan# 133

Delta R.T. 0.01 min

Lab File: VF059251.D

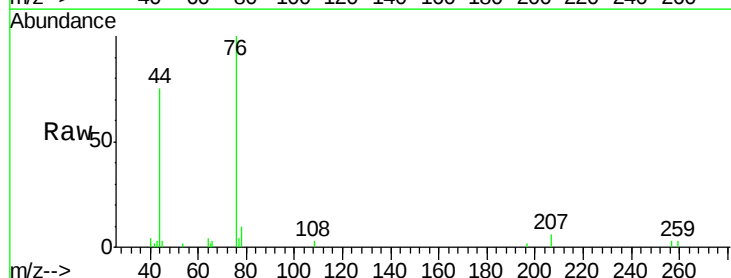
Acq: 21 Jun 2018 4:51

Tgt Ion: 76 Resp: 8123

Ion Ratio Lower Upper

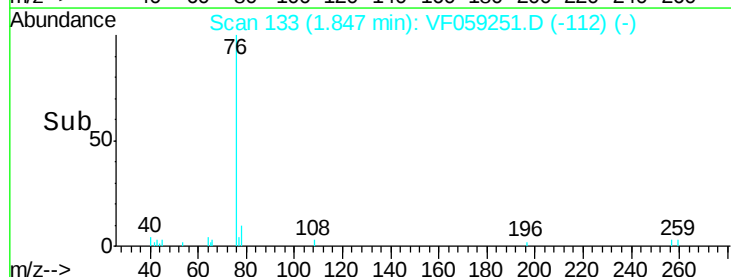
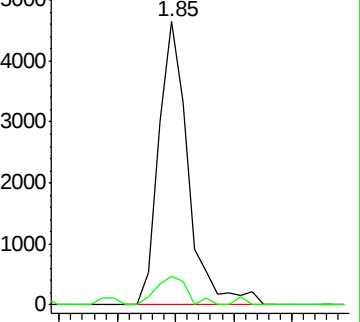
76 100

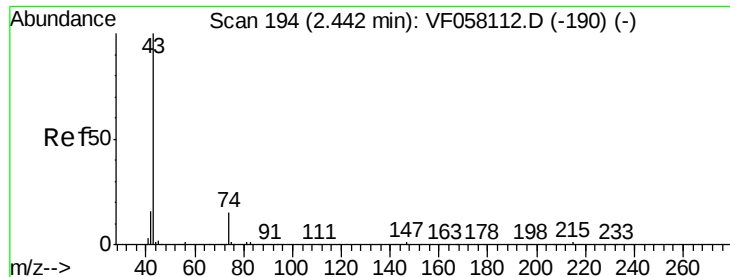
78 10.0 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

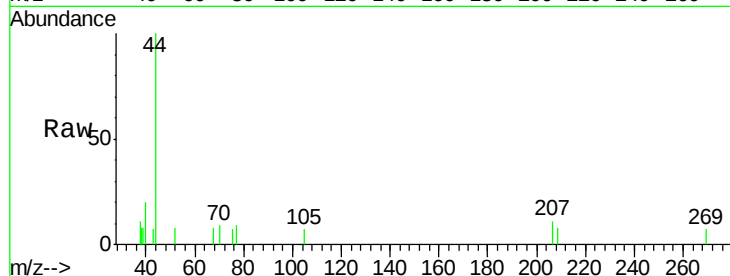




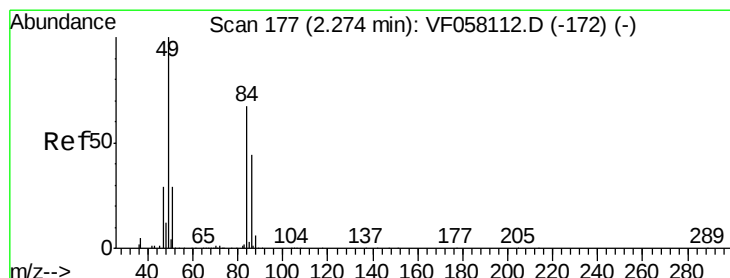
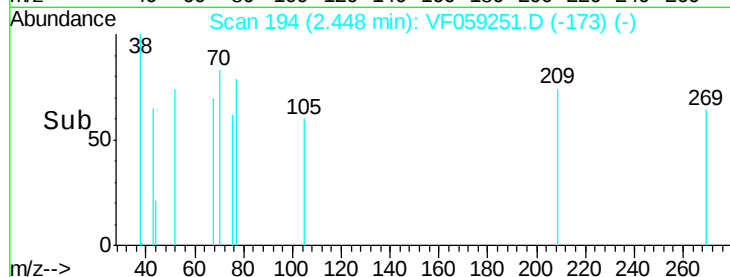
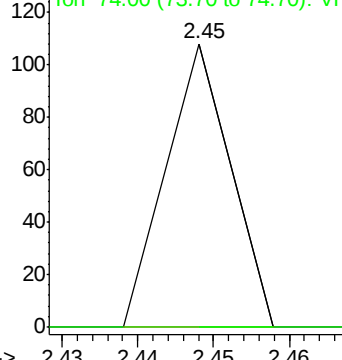
#18
Methvl Acetate
Concen: 2.49 ug/l
RT: 2.45 min Scan# 194
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

Tot Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 10.9 16.3#

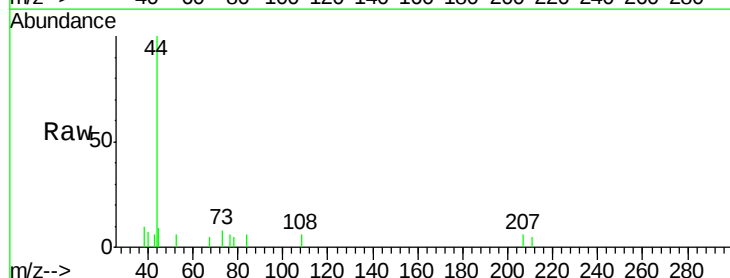


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 74.00 (73.70 to 74.70): VF0

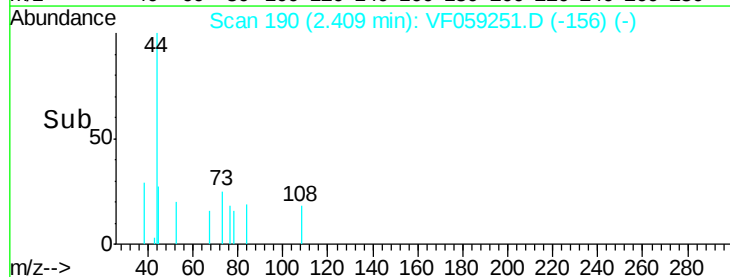
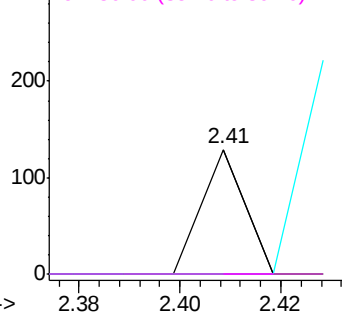


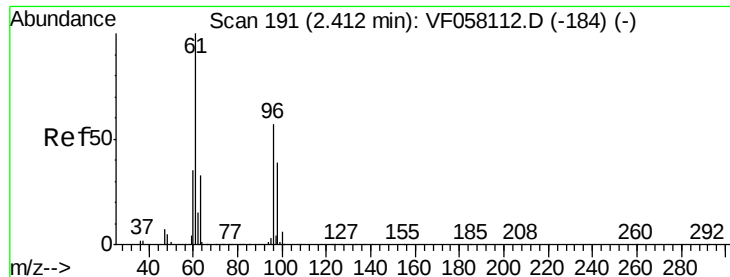
#20
Methylene Chloride
Concen: 2.12 ug/l
RT: 2.41 min Scan# 190
Delta R.T. 0.13 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 84 Resp: 76
Ion Ratio Lower Upper
84 100
49 0.0 121.0 181.4#
51 0.0 35.8 53.6#
86 0.0 53.2 79.8#



Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0





#21

trans-1,2-Dichloroethene

Concen: 2.04 ug/l

RT: 2.39 min Scan# 188

Delta R.T. -0.02 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

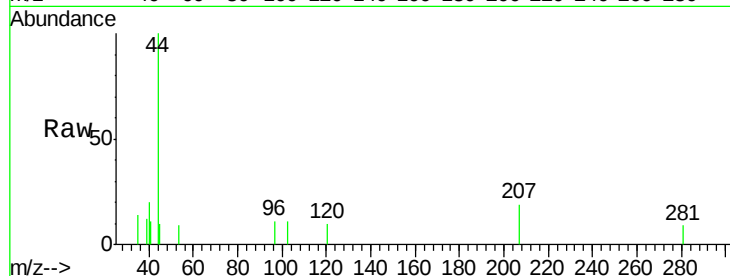
Tot Ion: 96 Resp: 76

Ion Ratio Lower Upper

96 100

61 0.0 139.4 209.2#

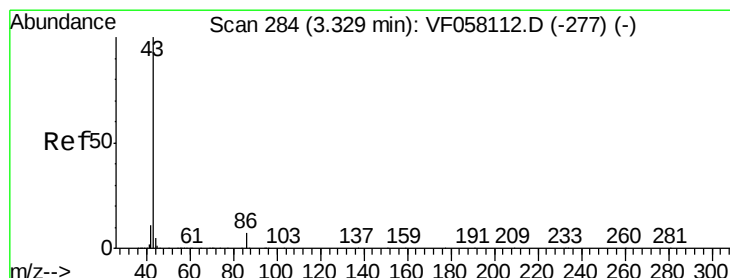
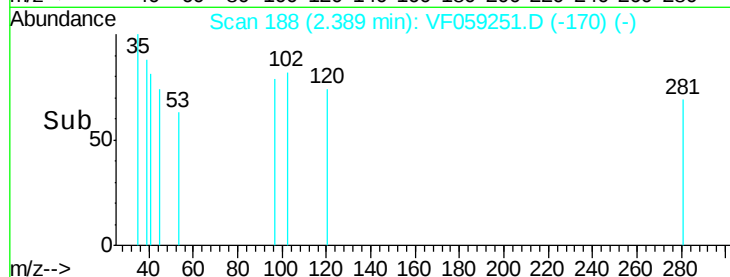
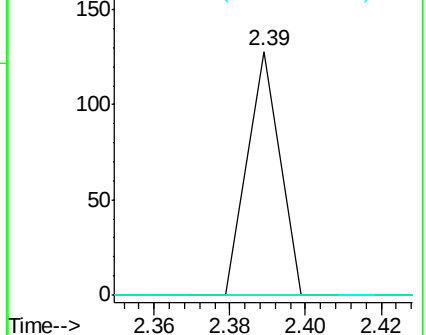
98 0.0 54.0 81.0#



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



#23

Vinyl Acetate

Concen: 2.19 ug/l

RT: 3.32 min Scan# 282

Delta R.T. -0.01 min

Lab File: VF059251.D

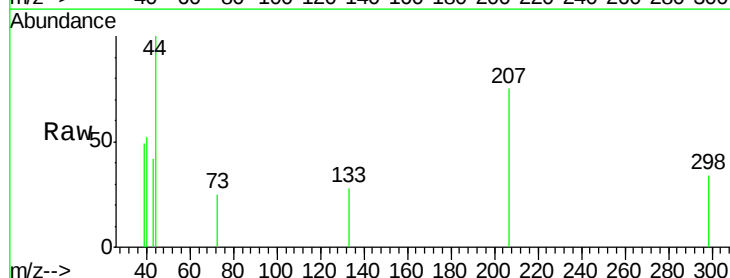
Acq: 21 Jun 2018 4:51

Tgt Ion: 43 Resp: 190

Ion Ratio Lower Upper

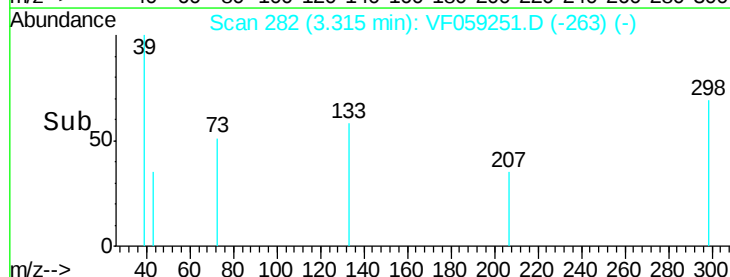
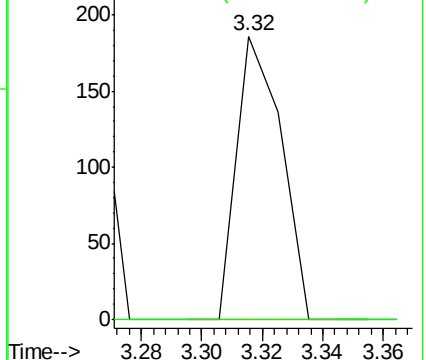
43 100

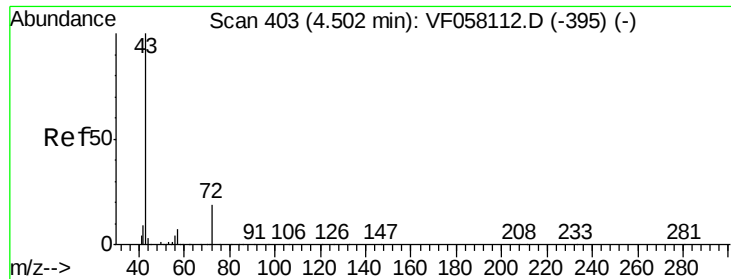
86 0.0 6.0 9.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 28.07 ug/l

RT: 4.50 min Scan# 402

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

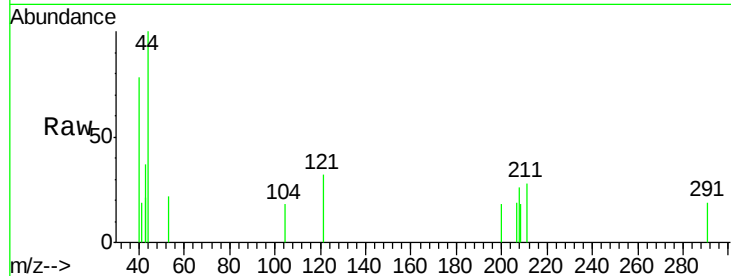
20180371-COMPOSITE-CS-1A

Tot Ion: 43 Resp: 651

Ion Ratio Lower Upper

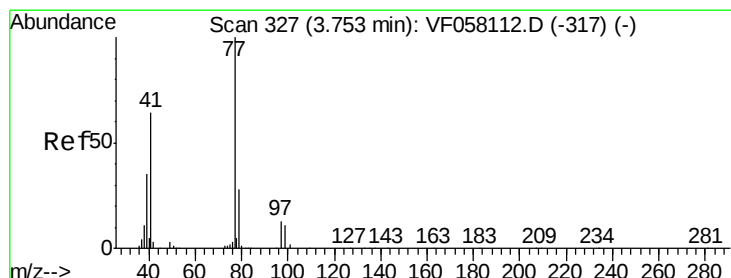
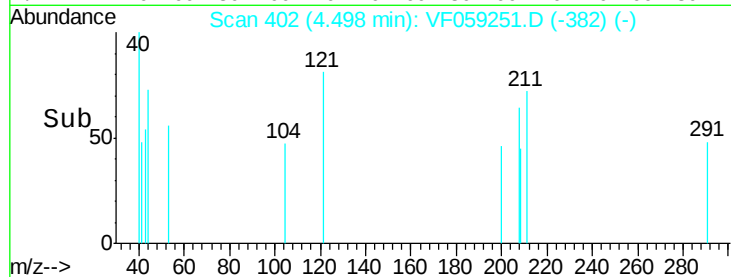
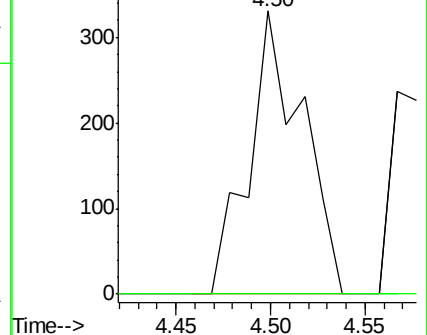
43 100

72 0.0 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 1.97 ug/l

RT: 3.79 min Scan# 330

Delta R.T. 0.04 min

Lab File: VF059251.D

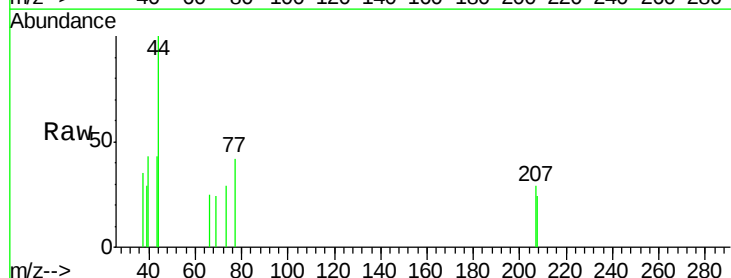
Acq: 21 Jun 2018 4:51

Tgt Ion: 77 Resp: 114

Ion Ratio Lower Upper

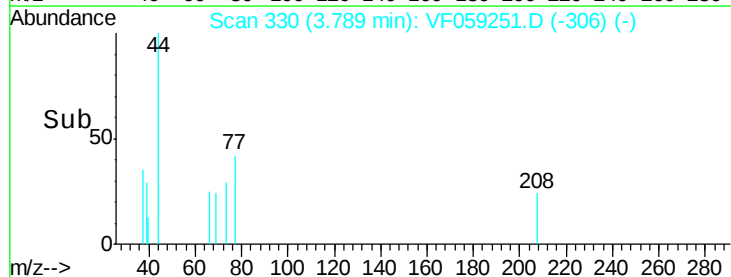
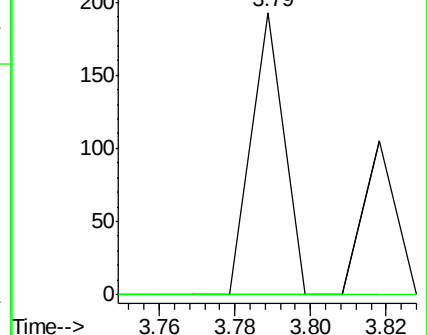
77 100

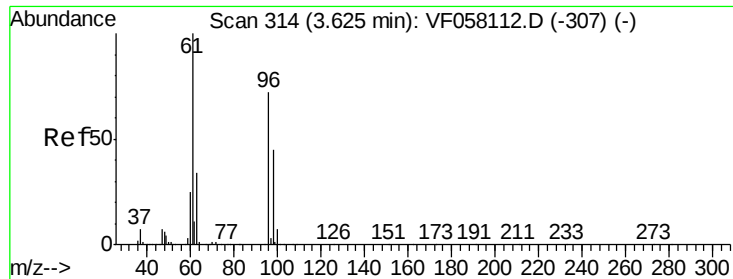
97 0.0 7.2 21.6#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



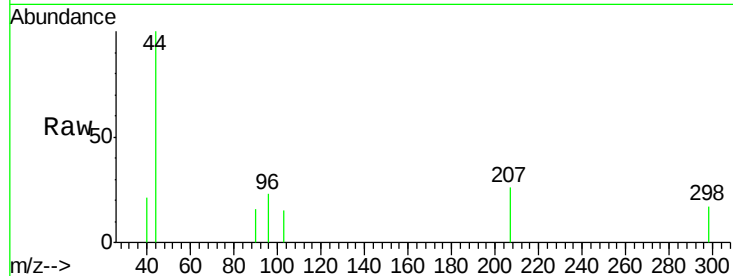


#27

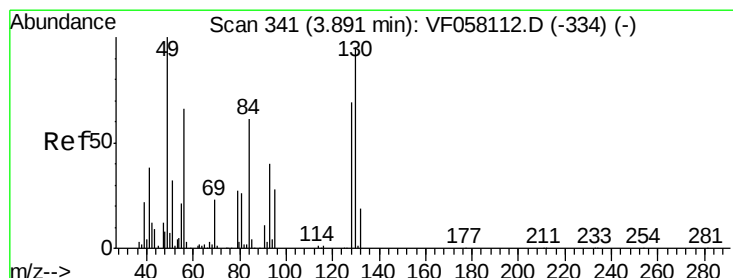
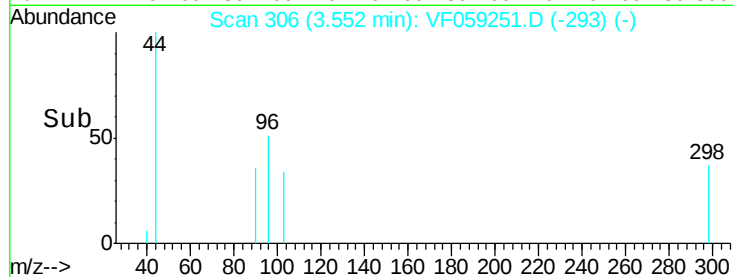
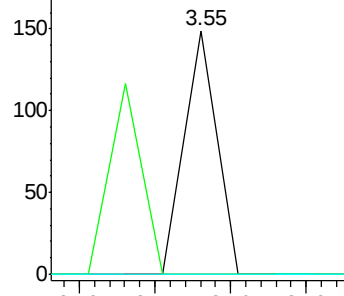
cis-1,2-Dichloroethene
Concen: 1.53 ug/l
RT: 3.55 min Scan# 306
Delta R.T. -0.07 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	278.6
98	0.0	0.0	125.2



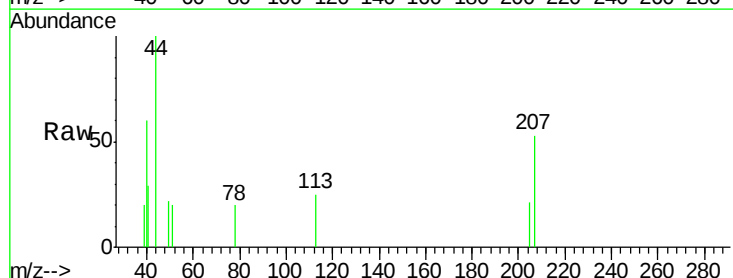
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



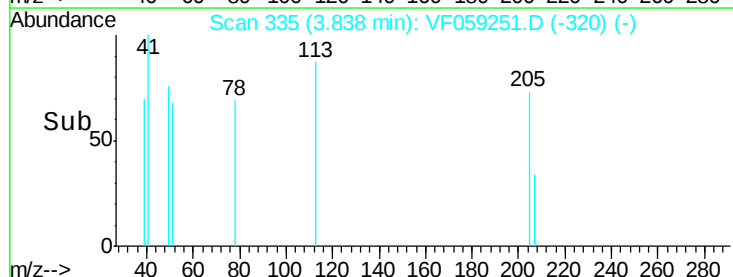
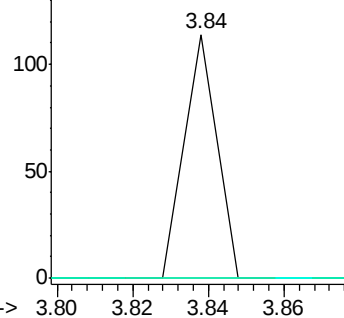
#28

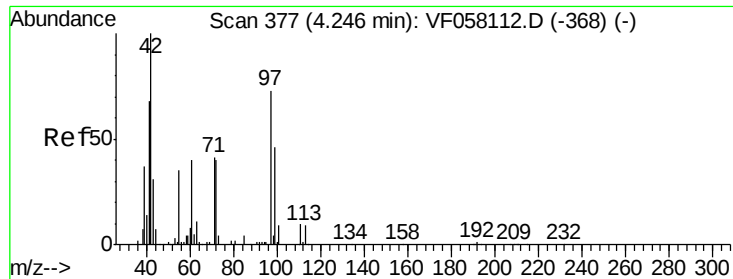
Bromochloromethane
Concen: 1.87 ug/l
RT: 3.84 min Scan# 335
Delta R.T. -0.05 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	75.8	113.8#



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

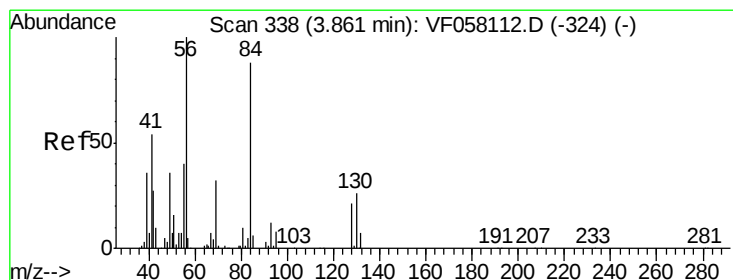
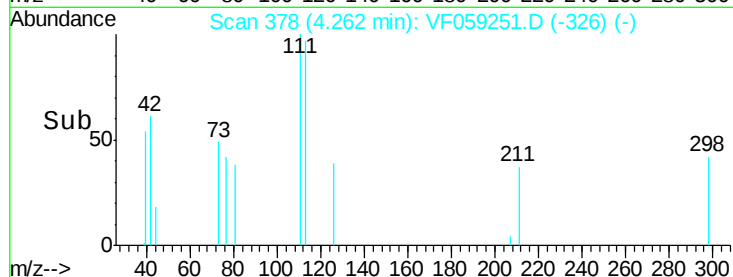
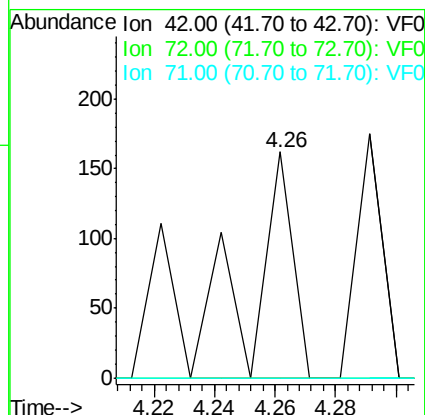
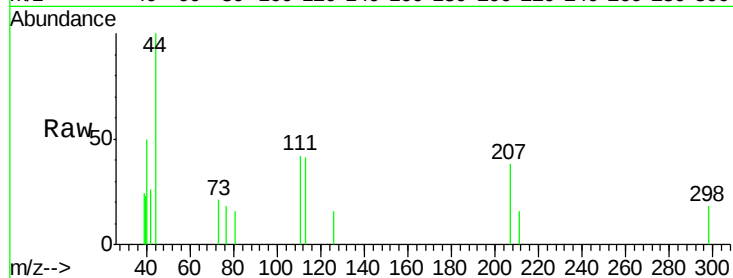




#29
Tetrahydrofuran
Concen: 15.36 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

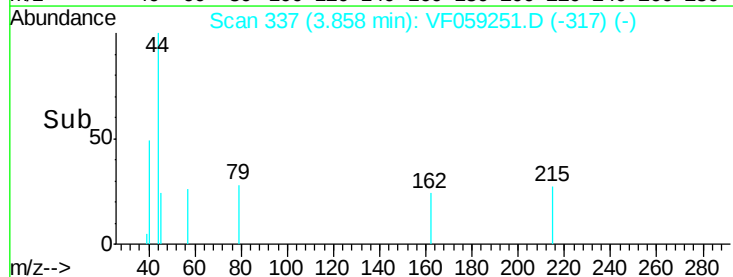
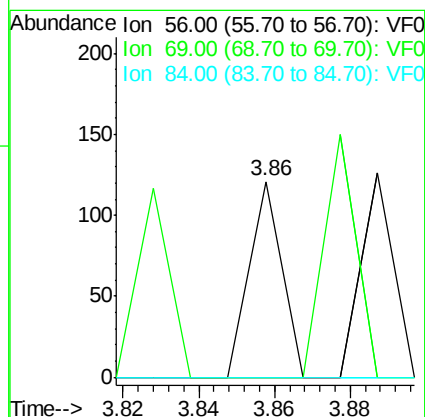
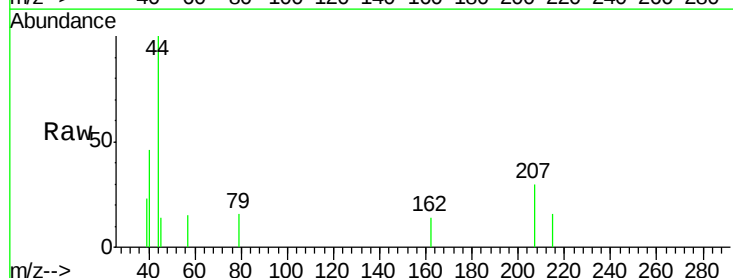
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

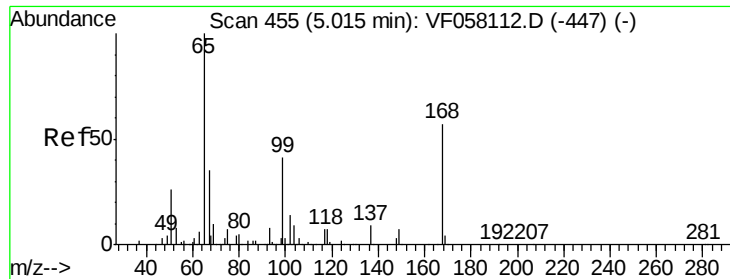
Tot Ion: 42 Resp: 157
Ion Ratio Lower Upper
42 100
72 0.0 30.5 45.7#
71 0.0 31.5 47.3#



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 3.86 min Scan# 337
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
69 0.0 25.9 38.9#
84 0.0 70.3 105.5#

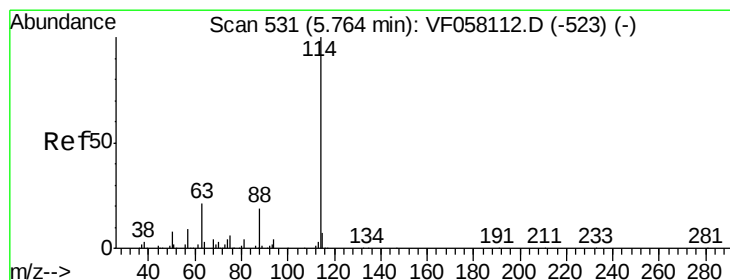
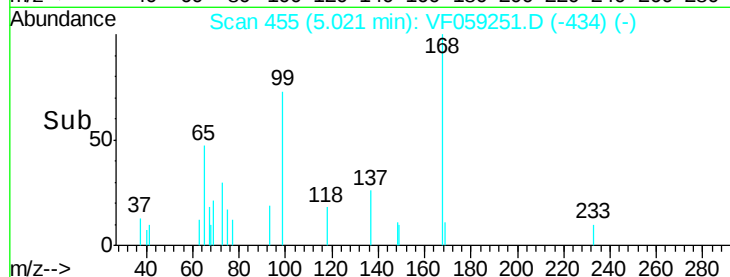
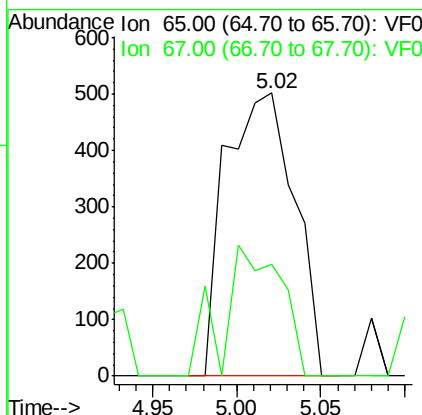
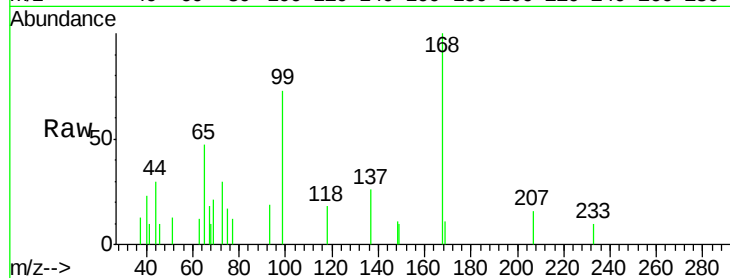




#33
 1,2-Dichloroethane-d4
 Concen: 22.71 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

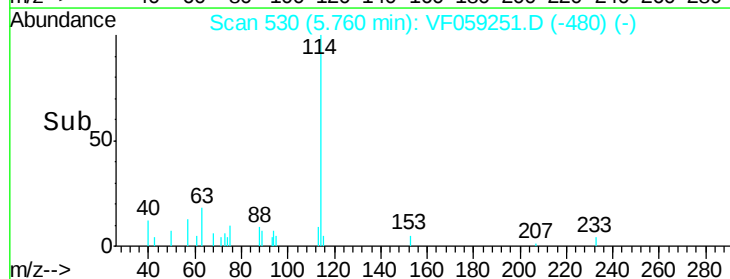
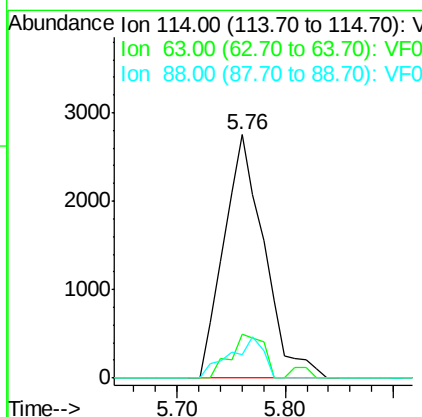
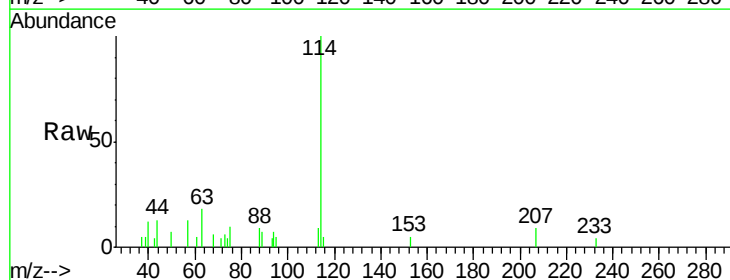
Instrument :
 MSVOA_F
 ClientSampleId :
 20180371-COMPOSITE-CS-1A

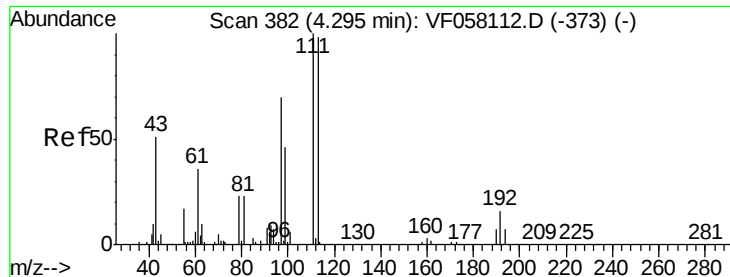
Tot Ion: 65 Resp: 1423
 Ion Ratio Lower Upper
 65 100
 67 39.4 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

Tgt Ion: 114 Resp: 7150
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 41.6
 88 9.4 0.0 38.8





#35

Dibromofluoromethane

Concen: 33.96 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

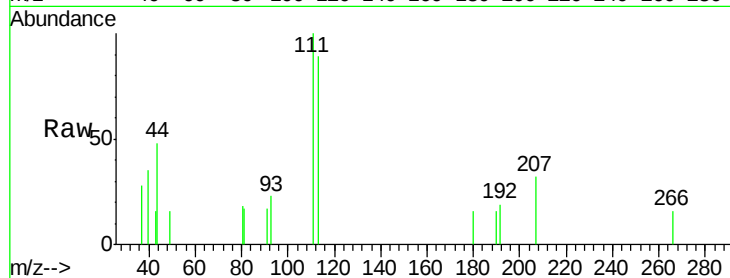
Tot Ion:113 Resp: 1704

Ion Ratio Lower Upper

113 100

111 112.0 81.3 121.9

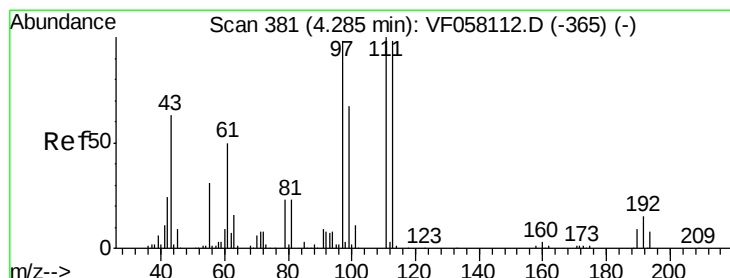
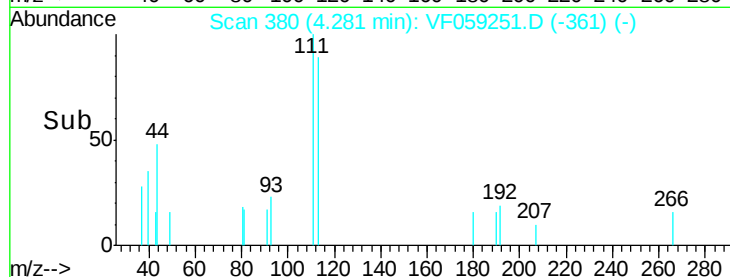
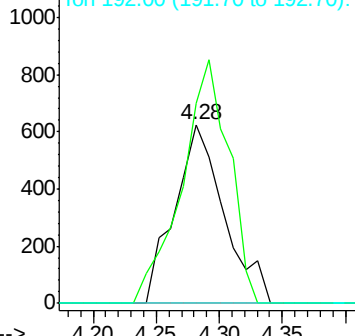
192 0.0 12.7 19.1#



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



#37

Ethyl Acetate

Concen: 3.46 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

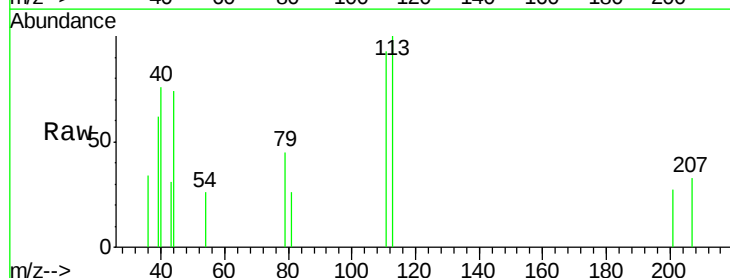
Tgt Ion: 43 Resp: 148

Ion Ratio Lower Upper

43 100

61 0.0 63.0 94.4#

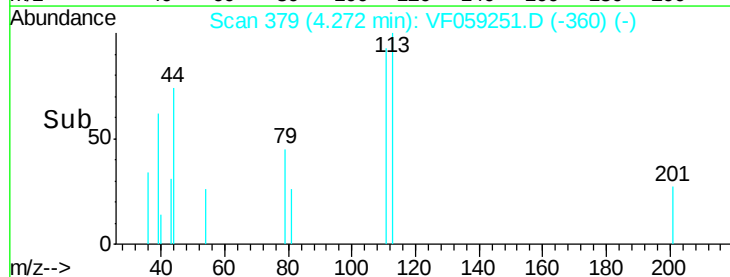
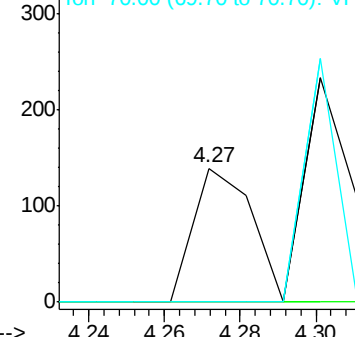
70 0.0 7.5 11.3#

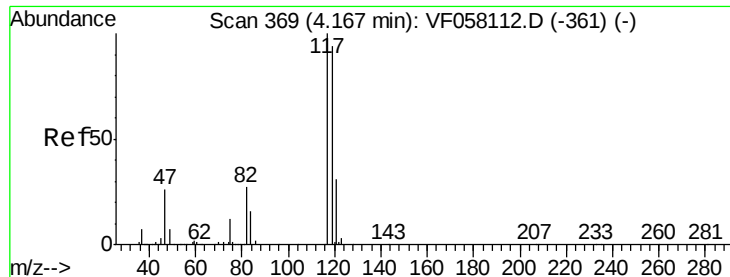


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0





#38

Carbon Tetrachloride

Concen: 1.26 ug/l

RT: 4.24 min Scan# 376

Delta R.T. 0.07 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

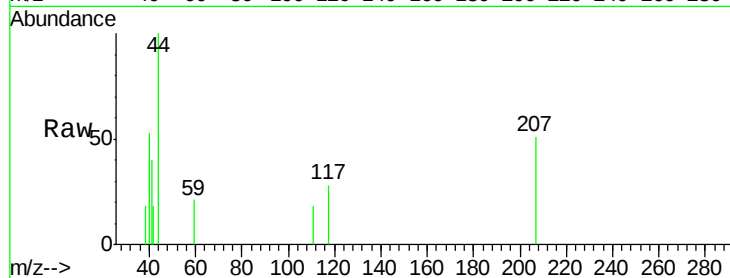
Tot Ion: 117 Resp: 95

Ion Ratio Lower Upper

117 100

119 0.0 75.7 113.5#

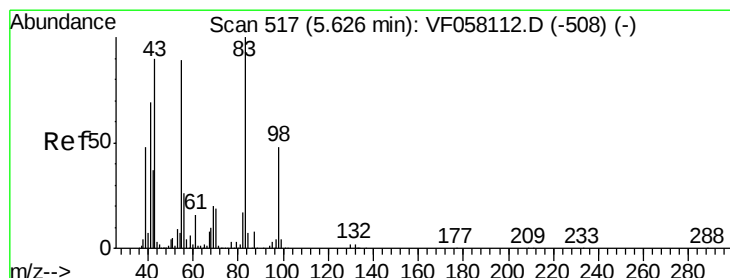
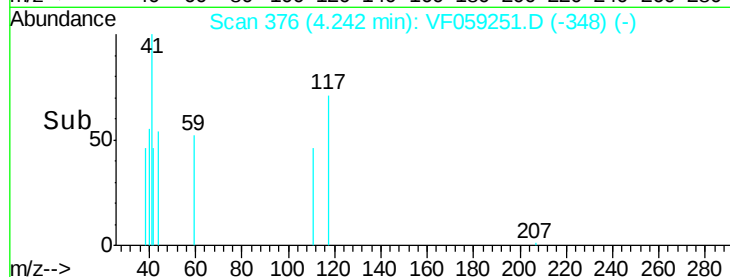
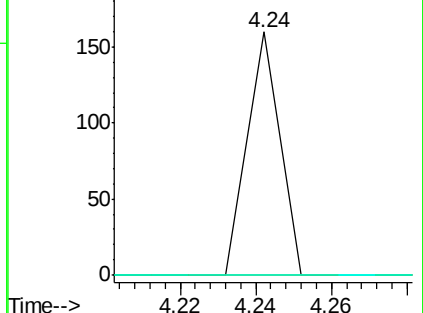
121 0.0 24.8 37.2#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#39

Methylcyclohexane

Concen: 2.51 ug/l

RT: 5.62 min Scan# 516

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

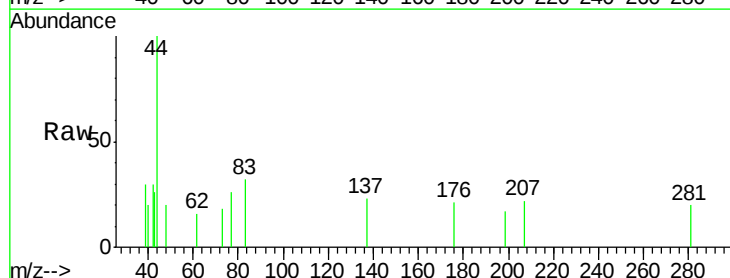
Tgt Ion: 83 Resp: 177

Ion Ratio Lower Upper

83 100

55 0.0 71.0 106.4#

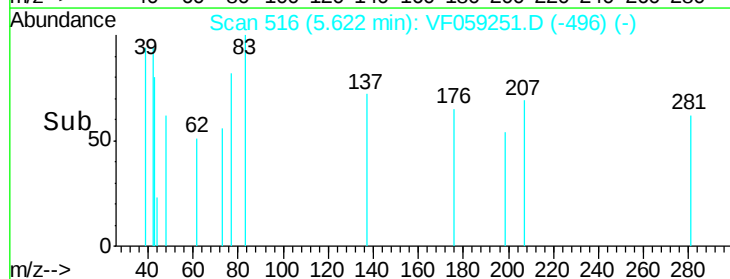
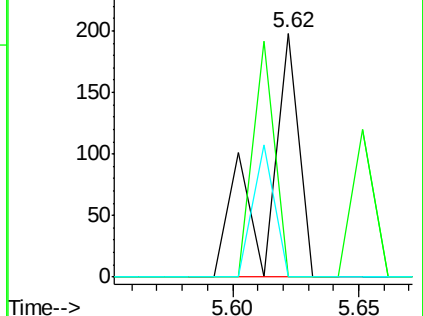
98 0.0 38.1 57.1#

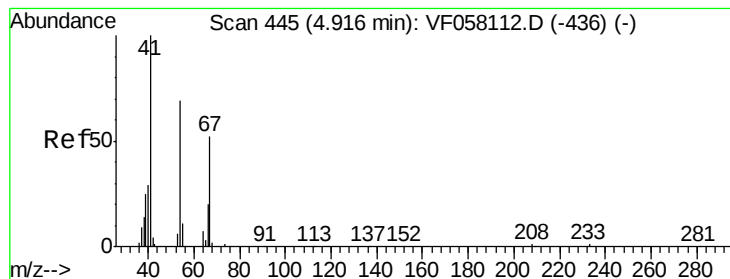


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#41

Methacrylonitrile

Concen: 4.09 ug/l

RT: 4.92 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

Tot Ion: 41 Resp: 86

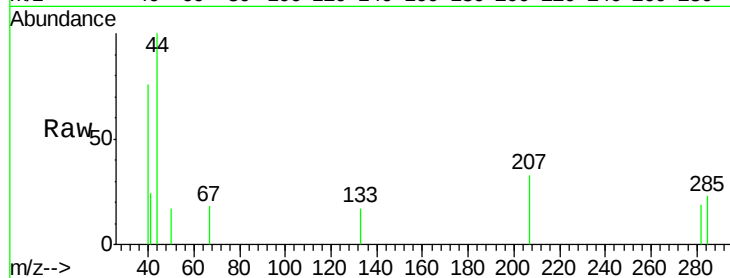
Ion Ratio Lower Upper

41 100

39 0.0 53.0 79.4#

67 74.5 41.0 61.6#

52 0.0 36.8 55.2#

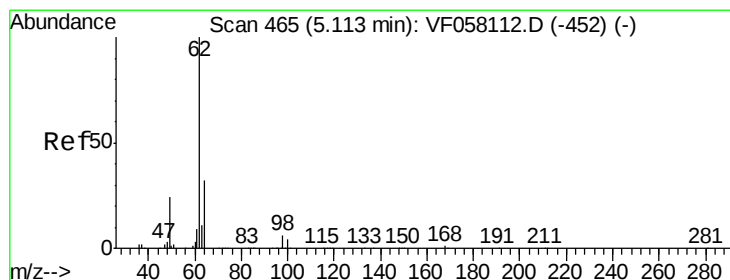
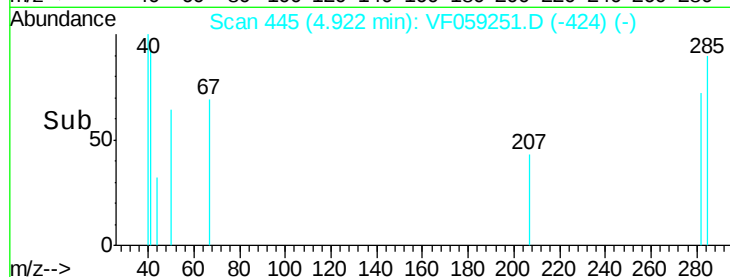
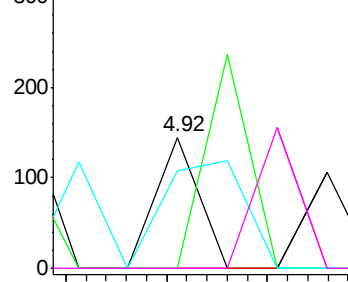


Abundance Ion 41.00 (40.70 to 41.70): VF0

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



#42

1,2-Dichloroethane

Concen: 1.09 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.03 min

Lab File: VF059251.D

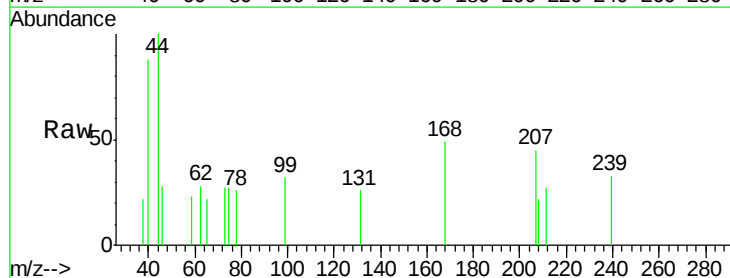
Acq: 21 Jun 2018 4:51

Tgt Ion: 62 Resp: 79

Ion Ratio Lower Upper

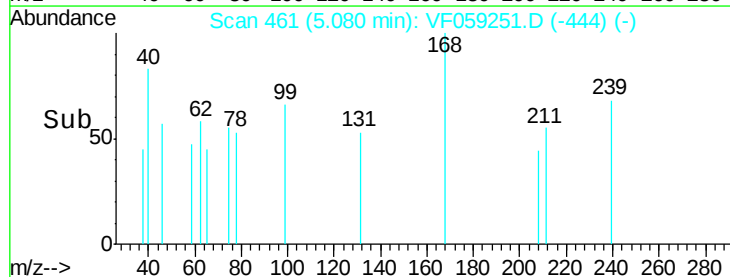
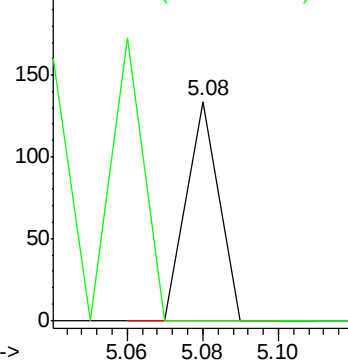
62 100

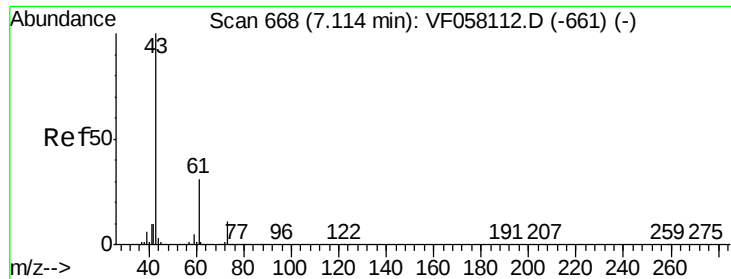
98 0.0 0.0 11.8



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



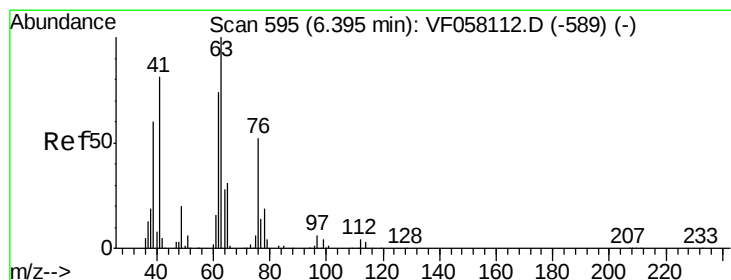
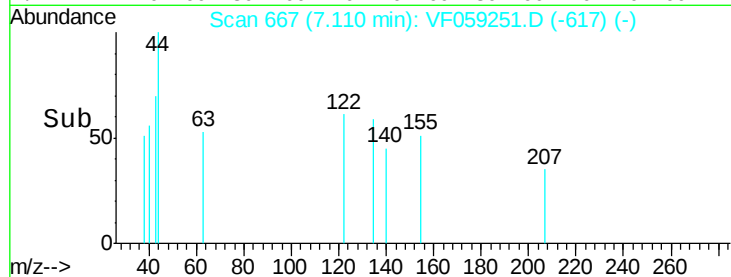
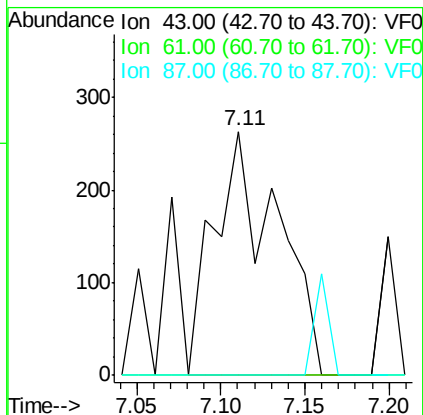
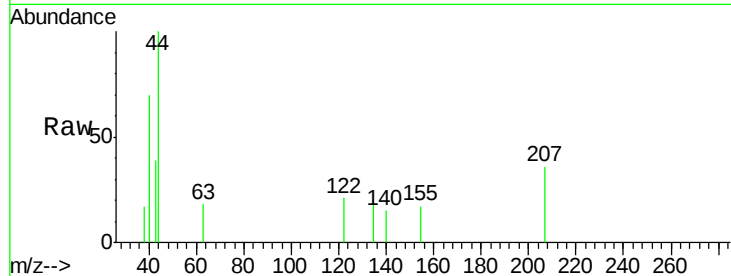


#43

Isopropyl Acetate
 Concen: 11.94 ug/l
 RT: 7.11 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

Instrument :
 MSVOA_F
 ClientSampleId :
 20180371-COMPOSITE-CS-1A

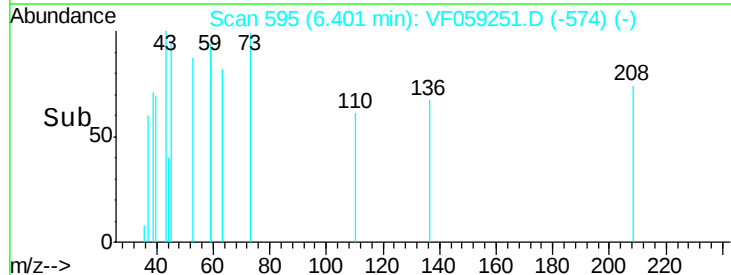
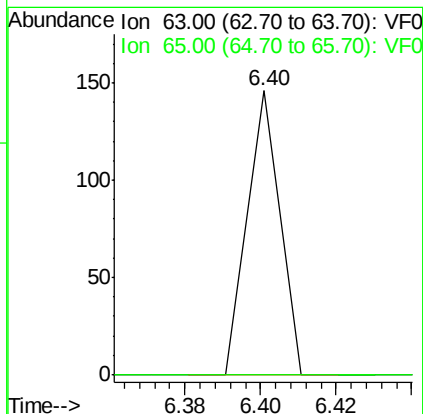
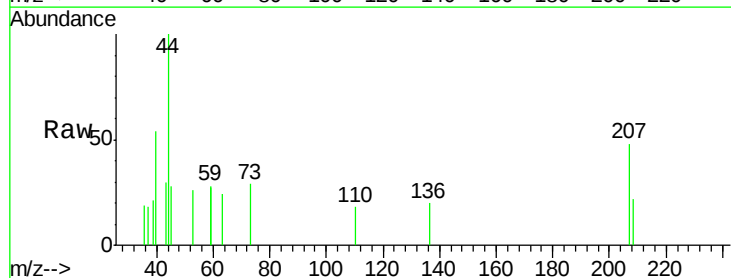
Tot Ion: 43 Resp: 685
 Ion Ratio Lower Upper
 43 100
 61 0.0 25.1 37.7#
 87 0.0 0.2 0.4#

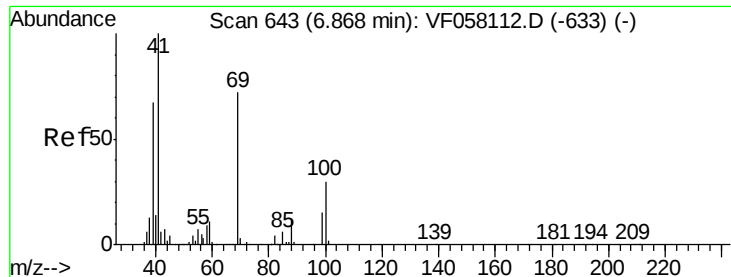


#45

1,2-Dichloropropane
 Concen: 1.85 ug/l
 RT: 6.40 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

Tgt Ion: 63 Resp: 86
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 37.0#

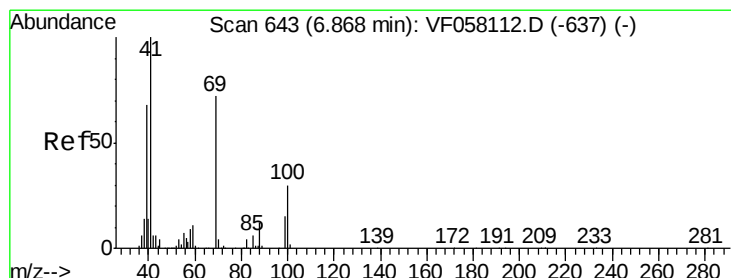
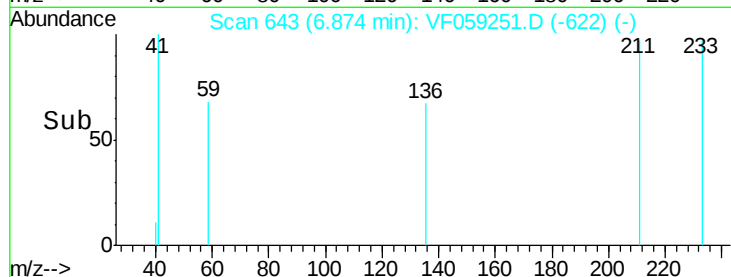
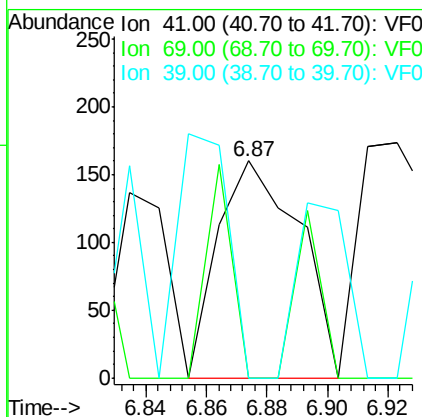
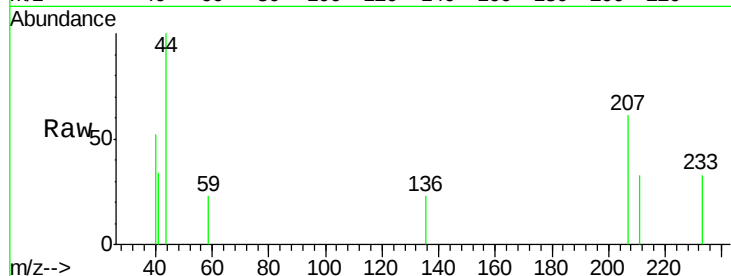




#48
Methvl methacrylate
Concen: 8.51 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

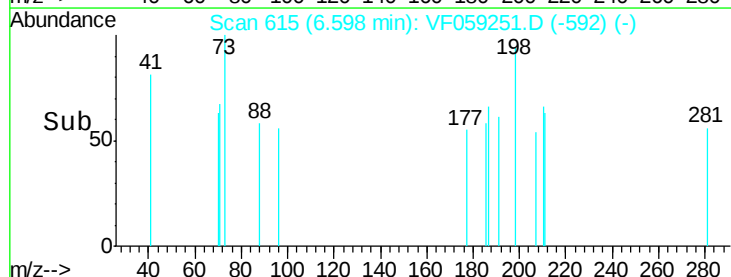
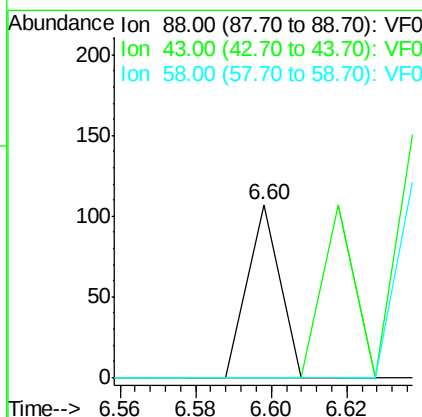
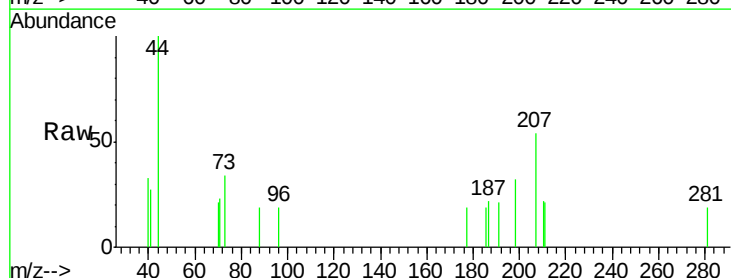
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

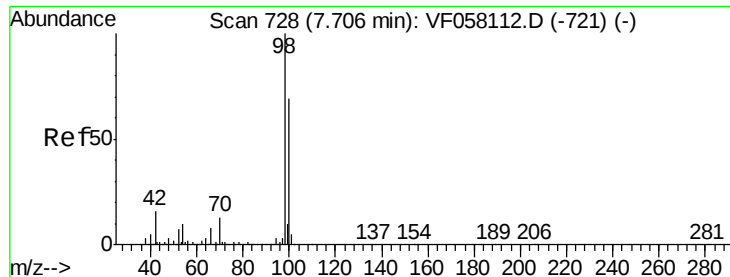
Tot Ion: 41 Resp: 301
Ion Ratio Lower Upper
41 100
69 0.0 57.2 85.8#
39 0.0 54.3 81.5#



#49
1,4-Dioxane
Concen: 234.99 ug/l
RT: 6.60 min Scan# 615
Delta R.T. -0.27 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 47.8 71.8#
58 0.0 59.4 89.0#

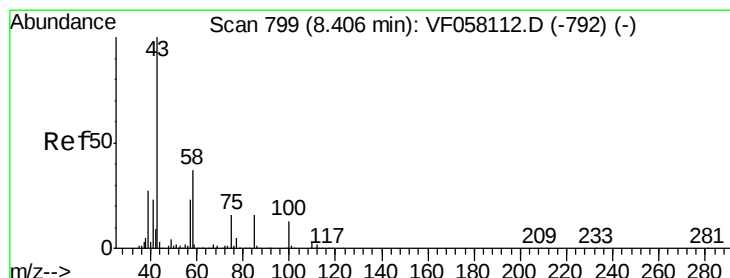
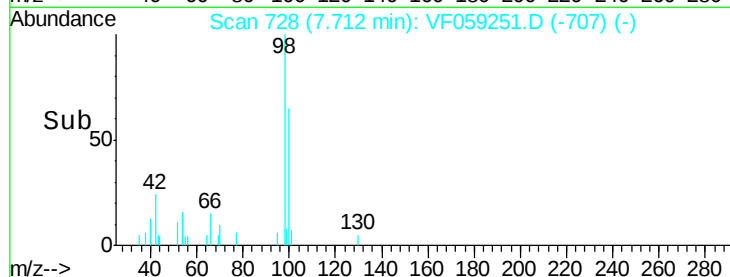
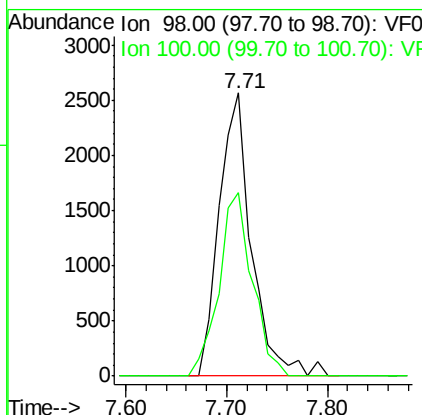
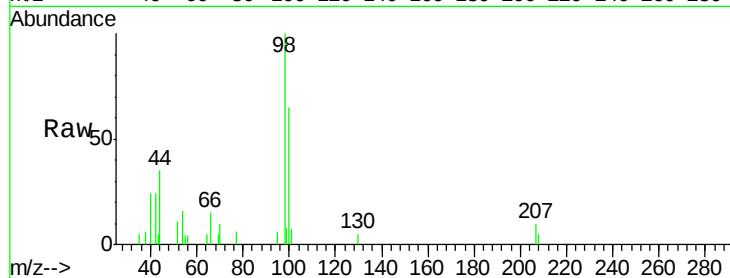




#50
Toluene-d8
Concen: 38.82 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

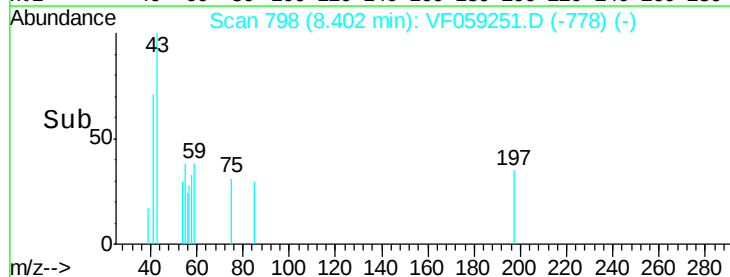
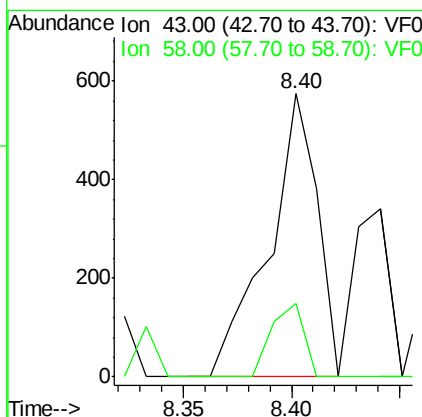
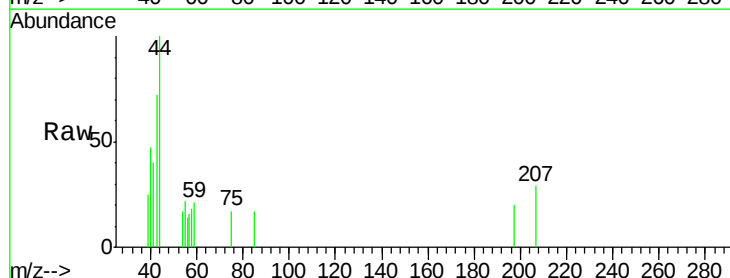
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

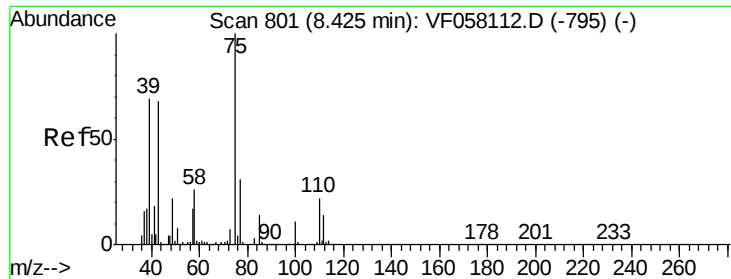
Tot Ion: 98 Resp: 5721
Ion Ratio Lower Upper
98 100
100 65.0 55.6 83.4



#51
4-Methyl-2-Pentanone
Concen: 22.90 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 25.8 29.4 44.0#





#53

t-1,3-Dichloropropene

Concen: 1.53 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

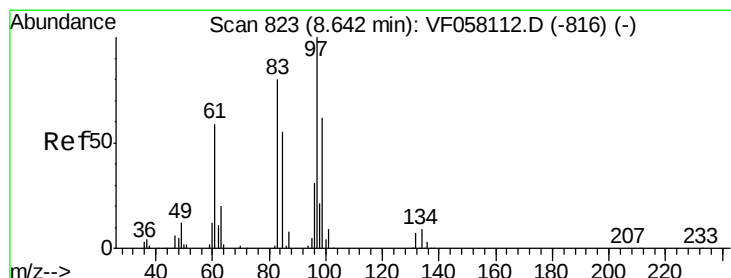
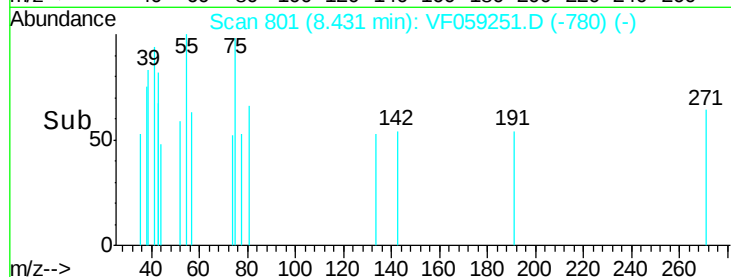
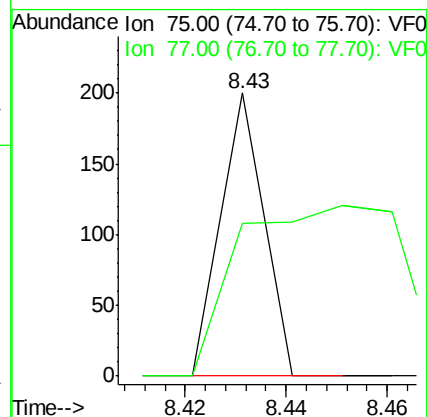
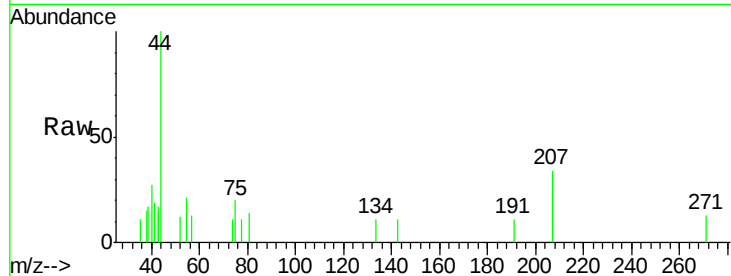
20180371-COMPOSITE-CS-1A

Tot Ion: 75 Resp: 118

Ion Ratio Lower Upper

75 100

77 54.0 25.1 37.7#



#55

1,1,2-Trichloroethane

Concen: 1.74 ug/l

RT: 8.64 min Scan# 822

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion: 97 Resp: 73

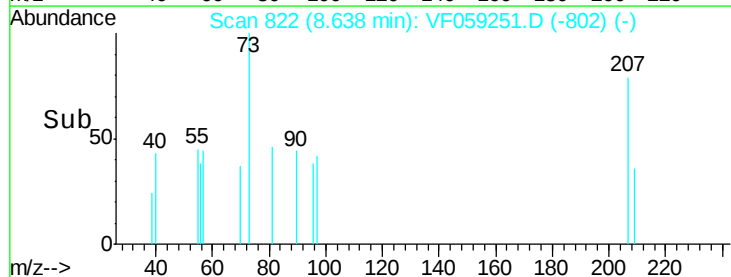
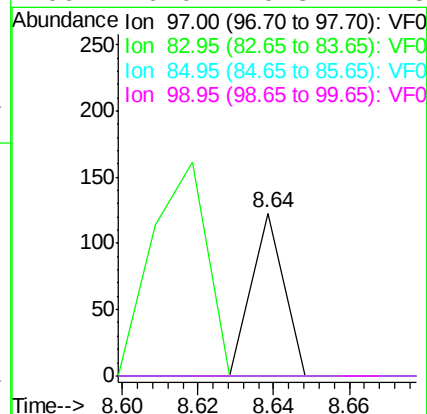
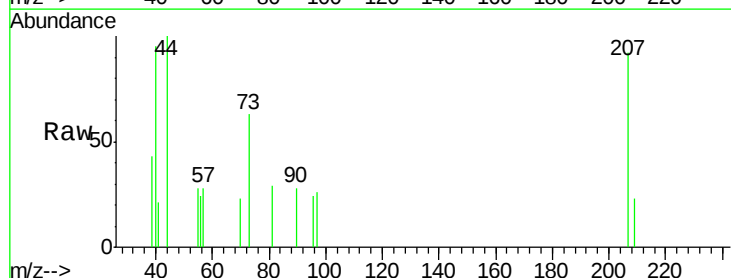
Ion Ratio Lower Upper

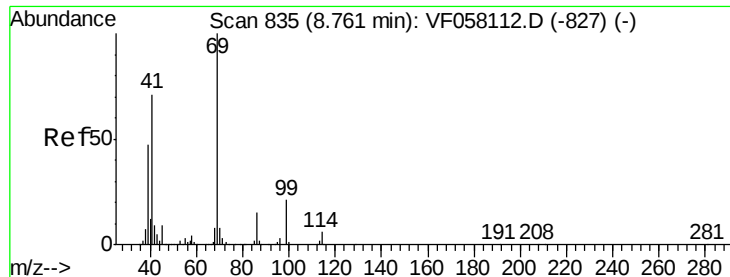
97 100

83 0.0 64.3 96.5#

85 0.0 43.8 65.8#

99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 15.36 ug/l

RT: 8.77 min Scan# 835

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

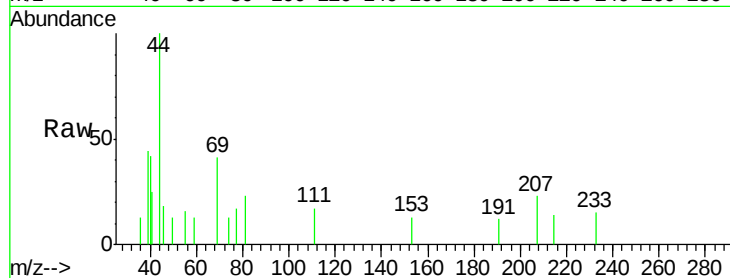
Tot Ion: 69 Resp: 813

Ion Ratio Lower Upper

69 100

41 60.9 56.9 85.3

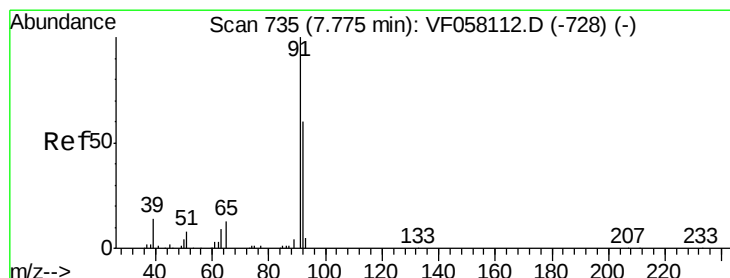
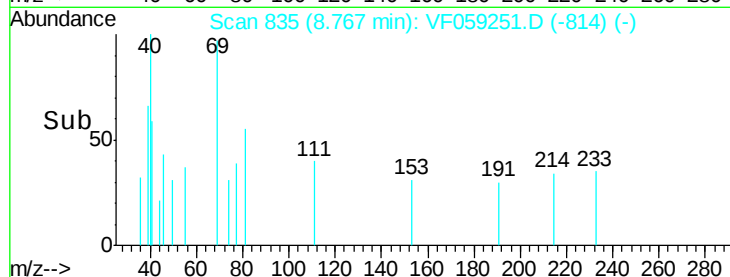
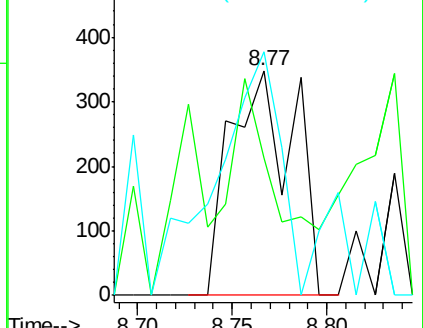
39 108.3 38.0 57.0#



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: 20.61 ug/l

RT: 7.89 min Scan# 746

Delta R.T. 0.11 min

Lab File: VF059251.D

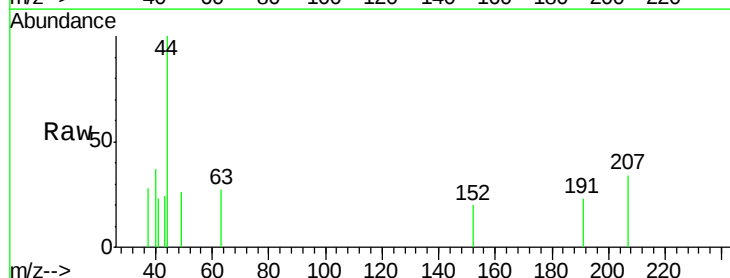
Acq: 21 Jun 2018 4:51

Tgt Ion: 63 Resp: 78

Ion Ratio Lower Upper

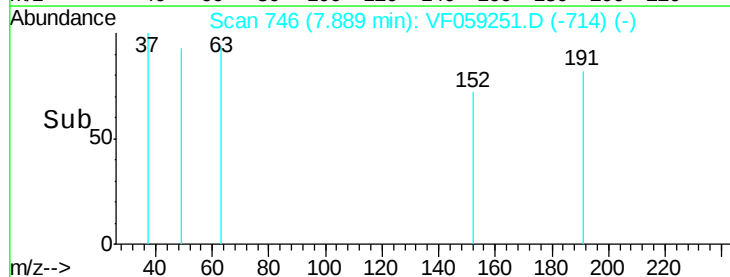
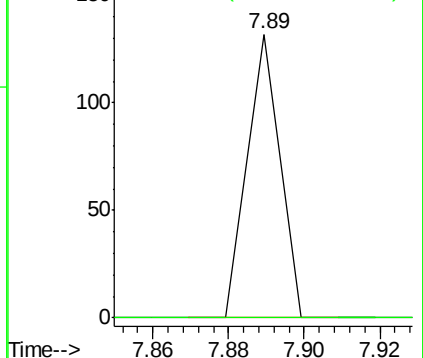
63 100

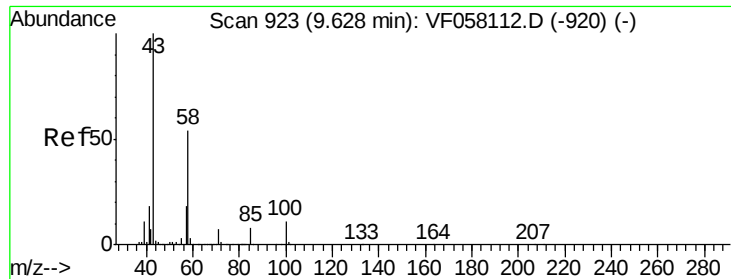
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

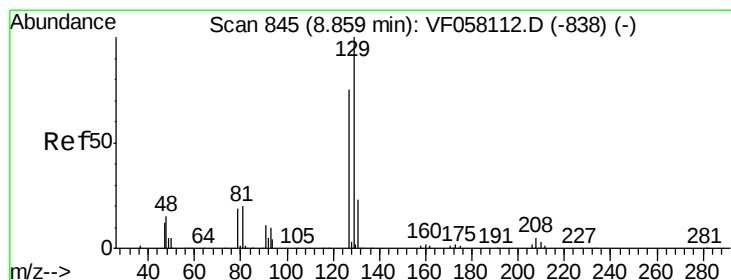
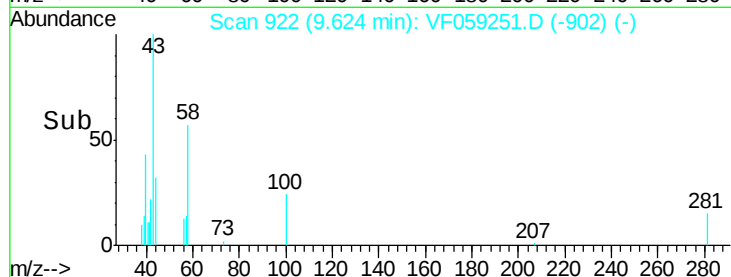
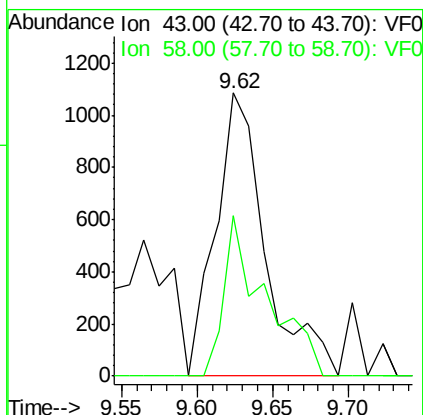
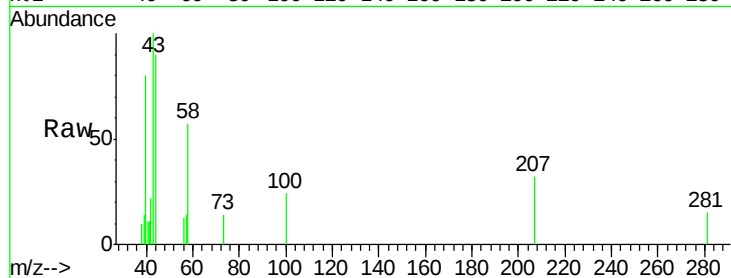




#59
2-Hexanone
Concen: 79.92 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

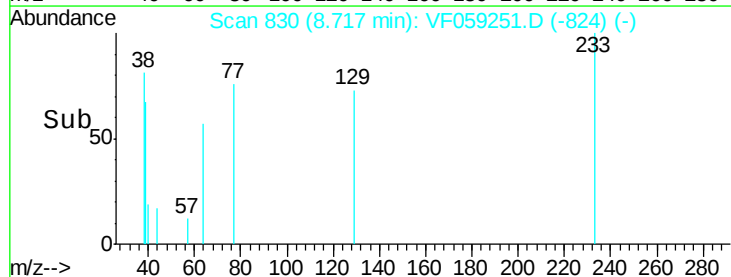
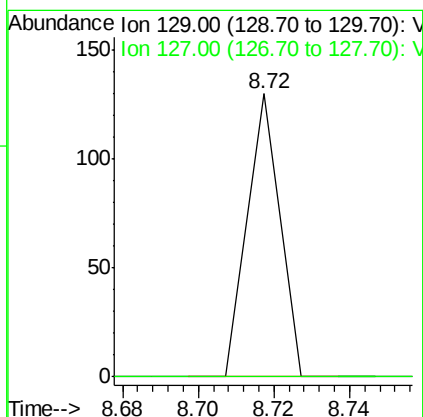
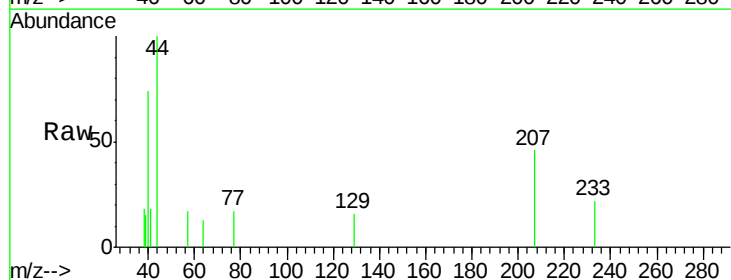
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

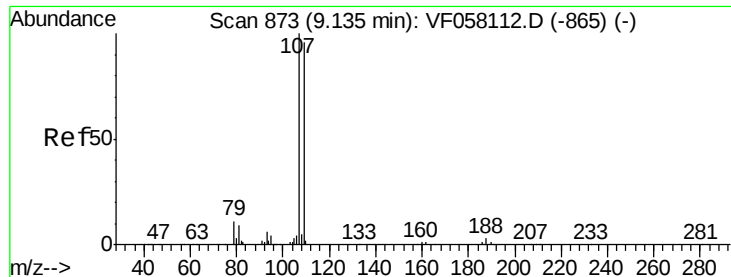
Tot Ion: 43 Resp: 2485
Ion Ratio Lower Upper
43 100
58 56.7 26.3 78.8



#60
Dibromochloromethane
Concen: 1.28 ug/l
RT: 8.72 min Scan# 830
Delta R.T. -0.14 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 129 Resp: 77
Ion Ratio Lower Upper
129 100
127 0.0 37.6 112.9#





#61

1,2-Dibromoethane

Concen: 1.31 ug/l

RT: 9.12 min Scan# 871

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

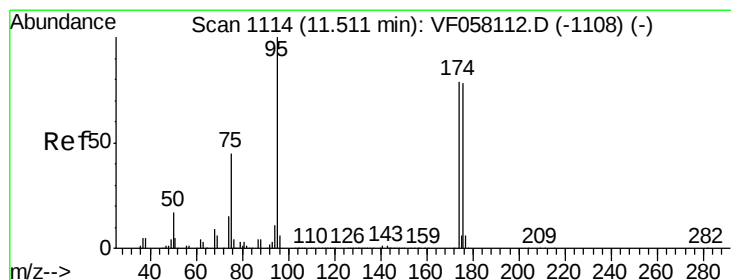
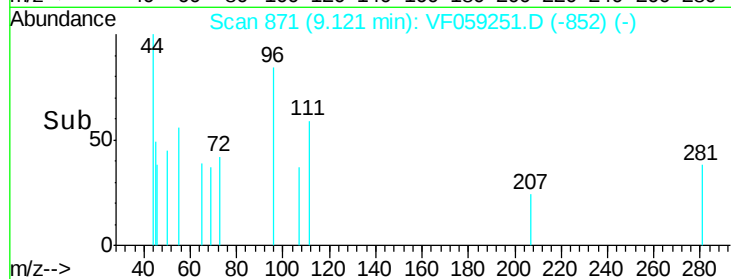
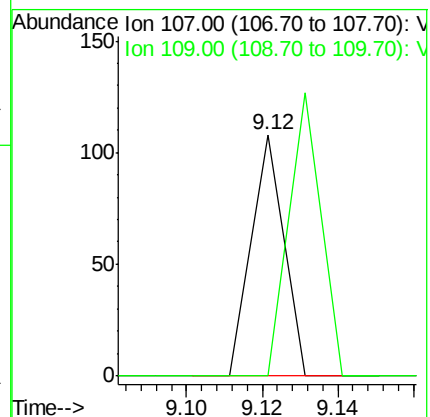
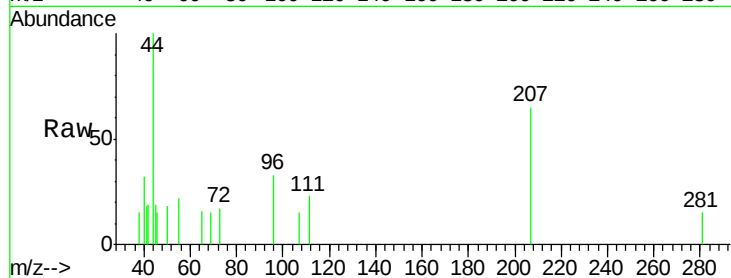
20180371-COMPOSITE-CS-1A

Tot Ion:107 Resp: 64

Ion Ratio Lower Upper

107 100

109 0.0 76.6 115.0#



#62

4-Bromofluorobenzene

Concen: 23.48 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

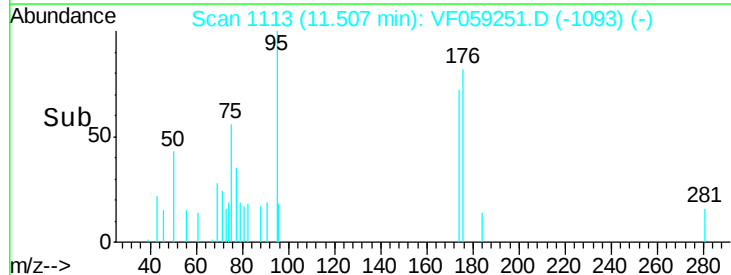
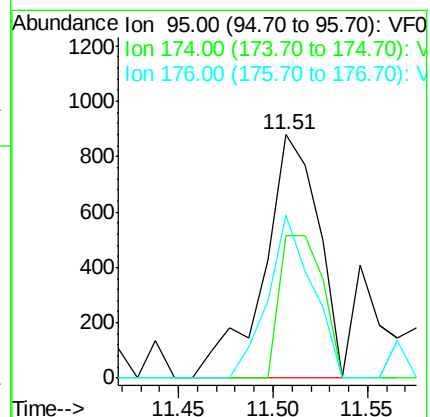
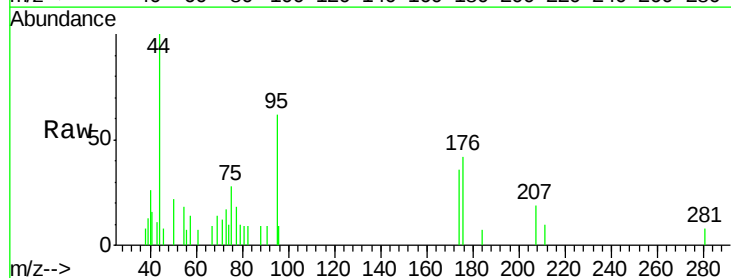
Tgt Ion: 95 Resp: 1775

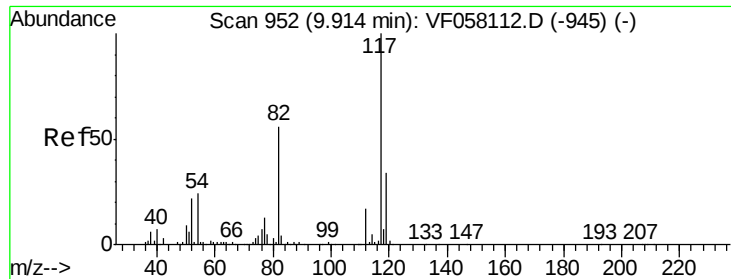
Ion Ratio Lower Upper

95 100

174 58.7 0.0 157.8

176 67.2 0.0 155.8

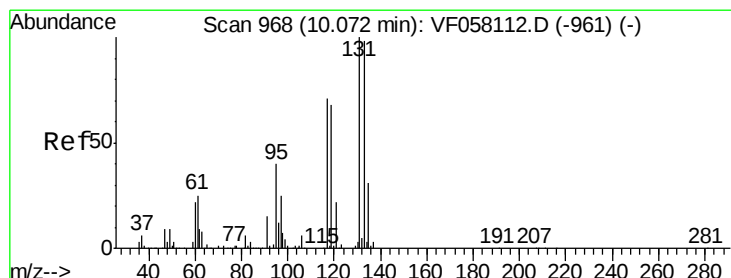
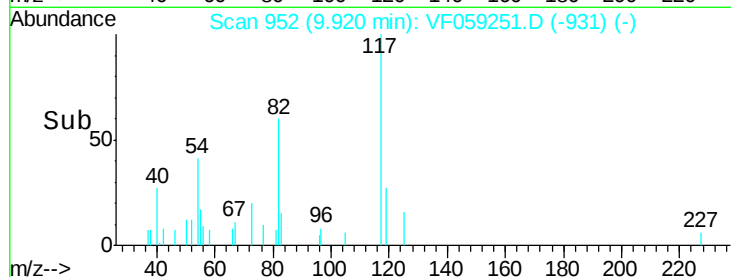
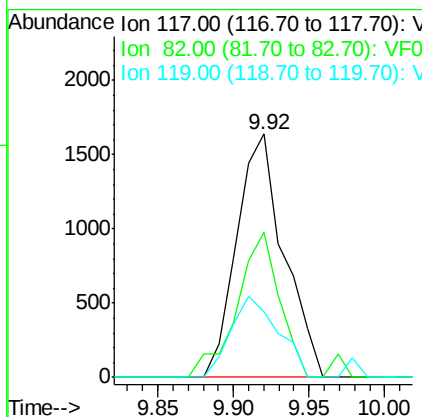
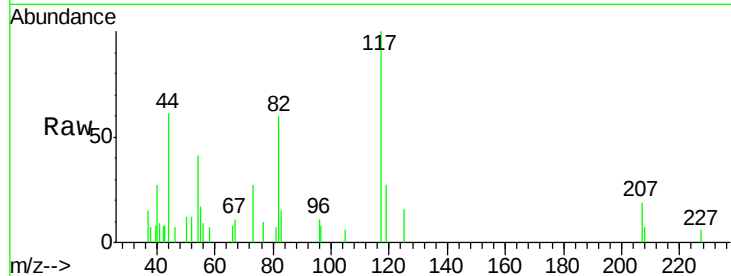




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

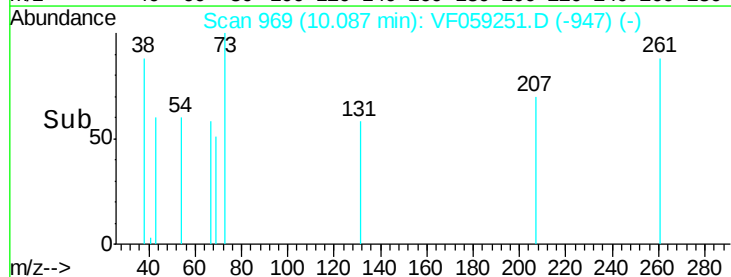
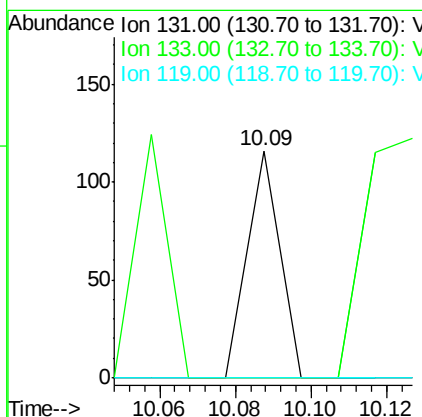
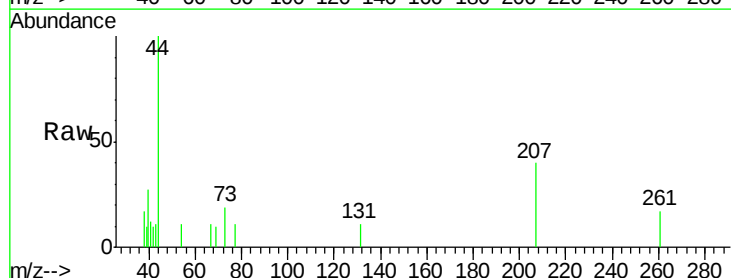
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

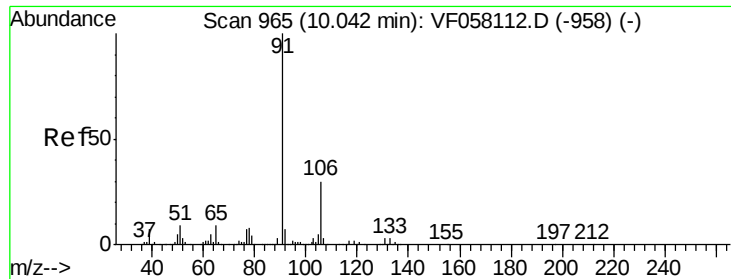
Tot Ion:117 Resp: 3564
Ion Ratio Lower Upper
117 100
82 59.5 45.2 67.8
119 27.1 27.5 41.3#



#66
1,1,1,2-Tetrachloroethane
Concen: 2.46 ug/l
RT: 10.09 min Scan# 969
Delta R.T. 0.02 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion:131 Resp: 69
Ion Ratio Lower Upper
131 100
133 0.0 49.1 147.4#
119 0.0 34.3 102.8#

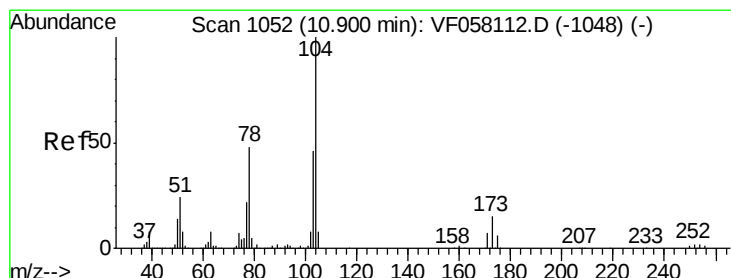
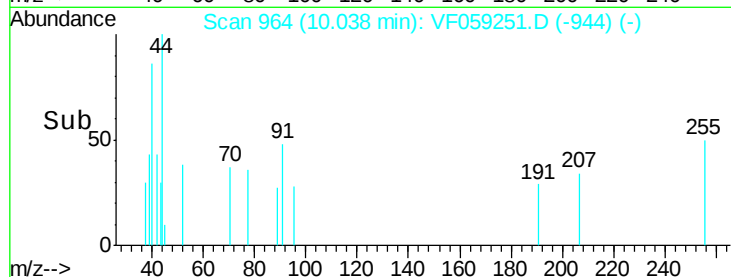
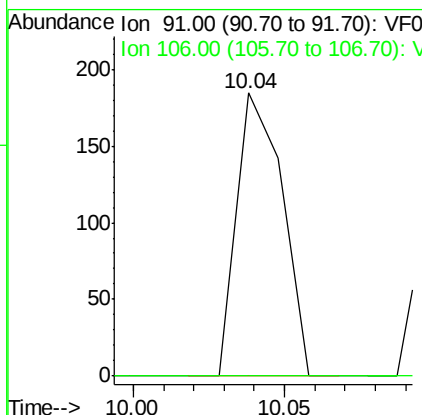
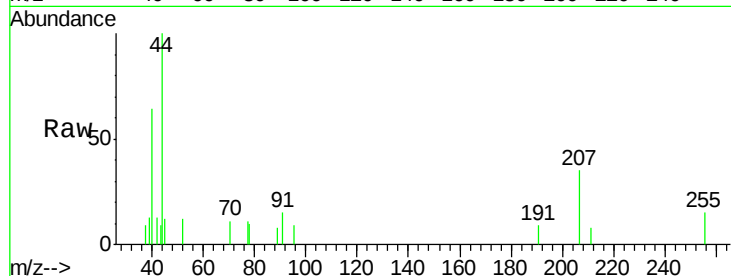




#67
Ethyl Benzene
Concen: 1.57 ug/l
RT: 10.04 min Scan# 964
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

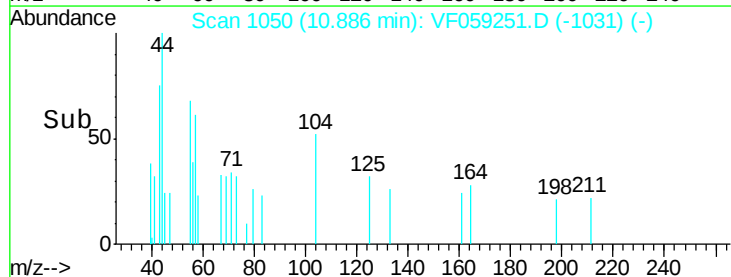
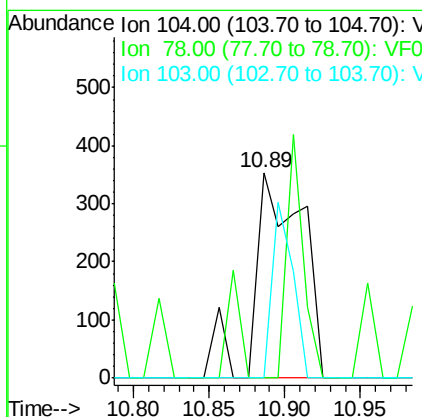
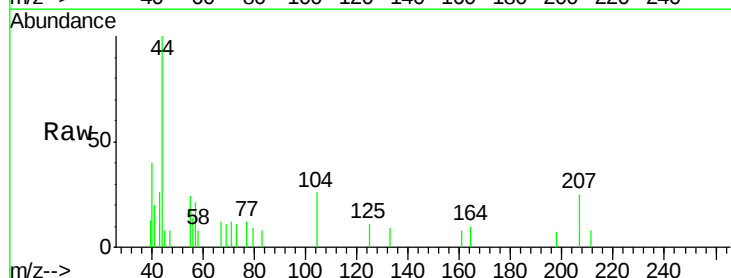
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

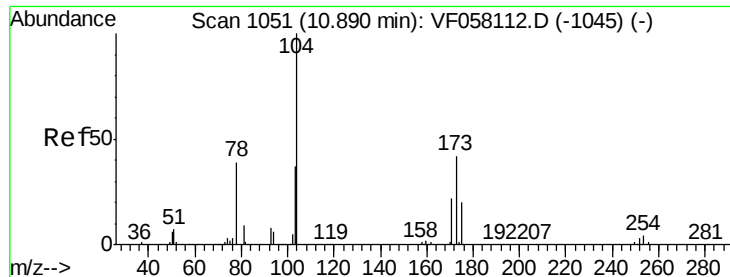
Tot Ion: 91 Resp: 193
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#



#70
Styrene
Concen: 10.35 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 104 Resp: 777
Ion Ratio Lower Upper
104 100
78 0.0 38.4 57.6#
103 0.0 37.0 55.6#





#71

Bromoform

Concen: 4.35 ug/l

RT: 10.87 min Scan# 1048

Delta R.T. -0.02 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

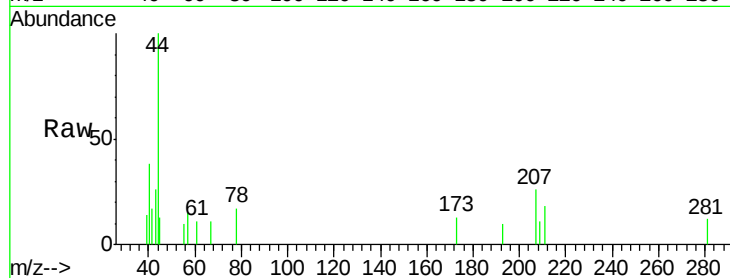
Tot Ion:173 Resp: 83

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

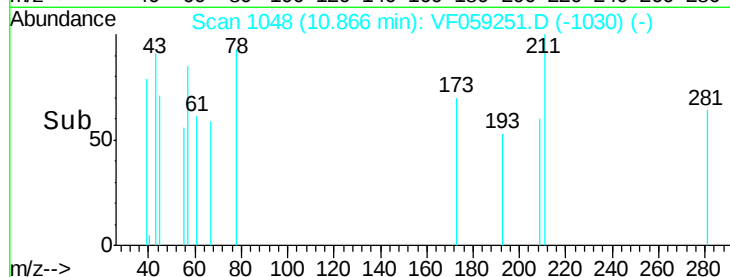
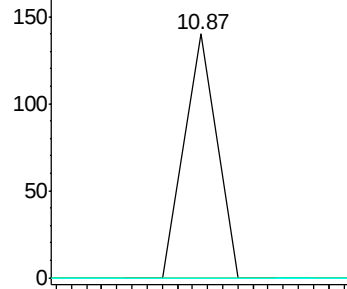
254 0.0 7.8 11.8#



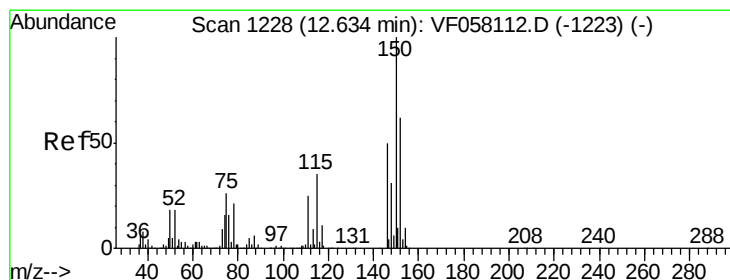
Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

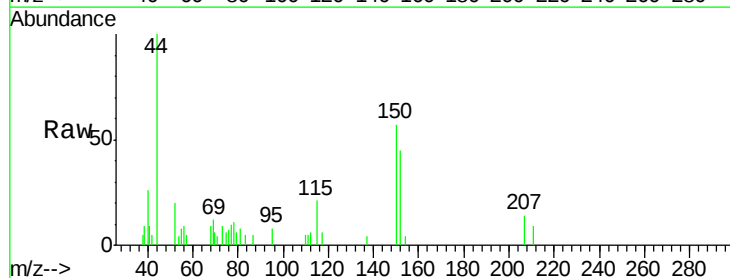
Tgt Ion:152 Resp: 1402

Ion Ratio Lower Upper

152 100

115 46.0 28.5 85.5

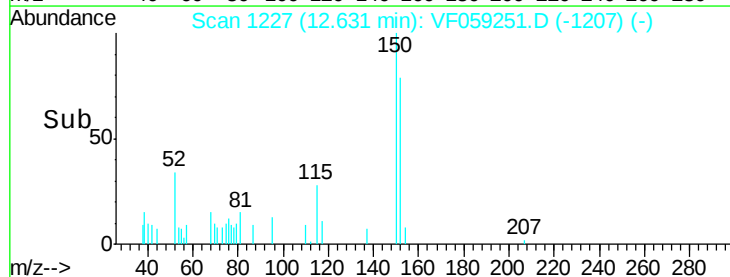
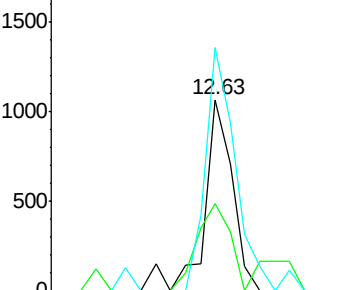
150 127.2 0.0 323.8

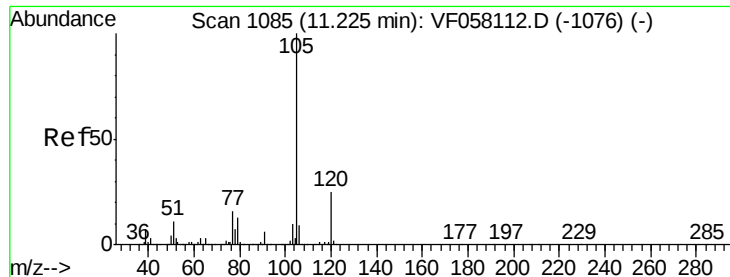


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 1.05 ug/l

RT: 11.29 min Scan# 1091

Delta R.T. 0.07 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

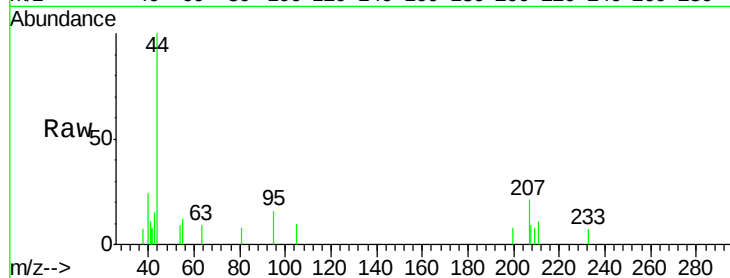
20180371-COMPOSITE-CS-1A

Tot Ion:105 Resp: 102

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.29

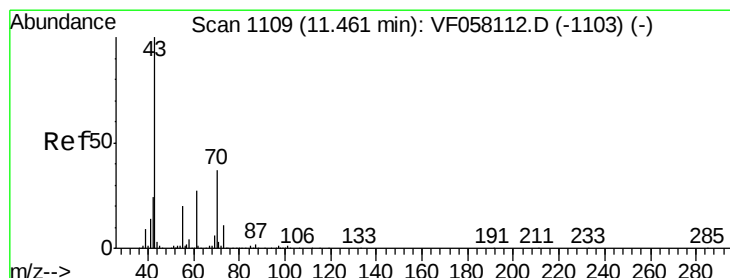
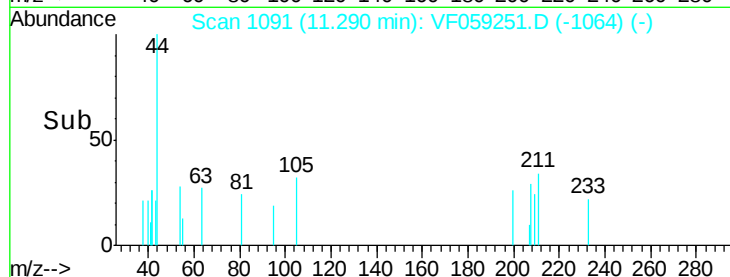
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 21.60 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion: 43 Resp: 749

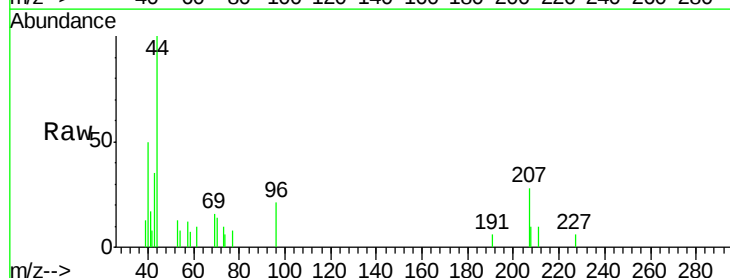
Ion Ratio Lower Upper

43 100

70 39.2 29.2 43.8

55 0.0 15.8 23.6#

61 29.3 21.3 31.9



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

800

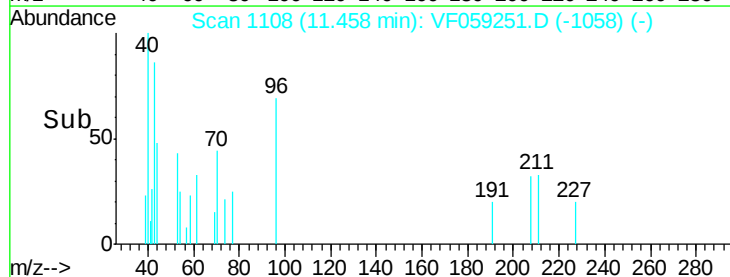
600

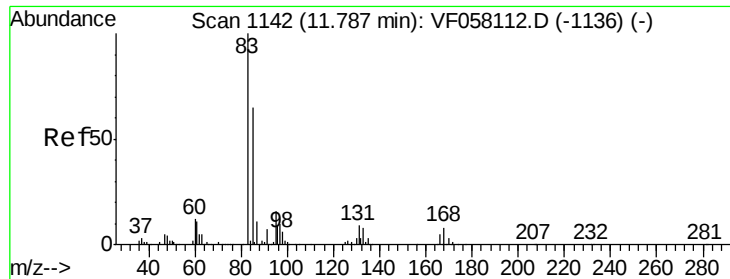
400

200

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 8.08 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.03 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

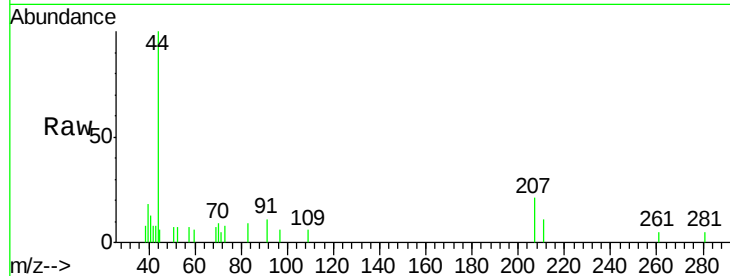
Tot Ion: 83 Resp: 186

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

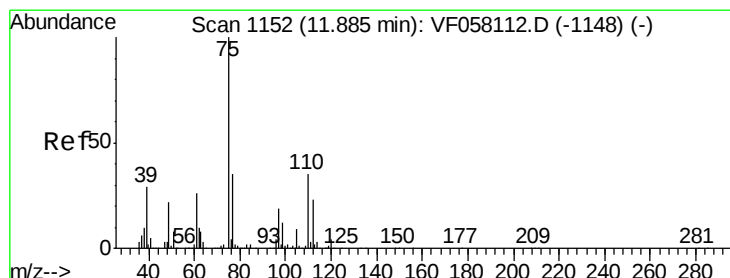
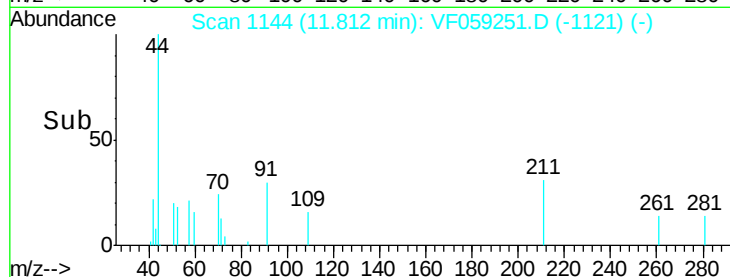
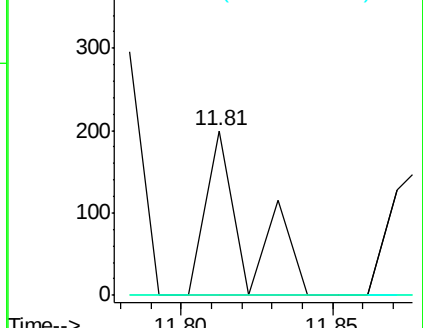
85 0.0 32.8 98.3#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 13.06 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.01 min

Lab File: VF059251.D

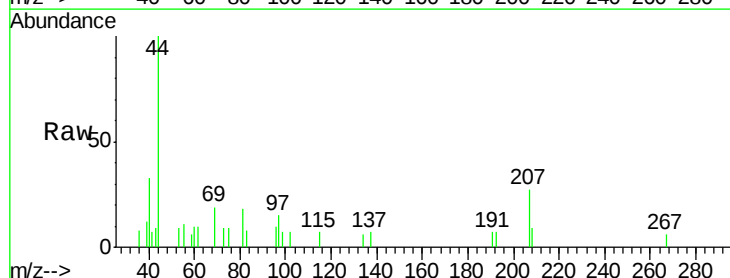
Acq: 21 Jun 2018 4:51

Tgt Ion: 75 Resp: 222

Ion Ratio Lower Upper

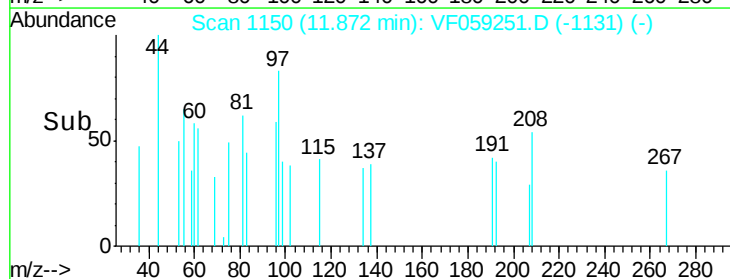
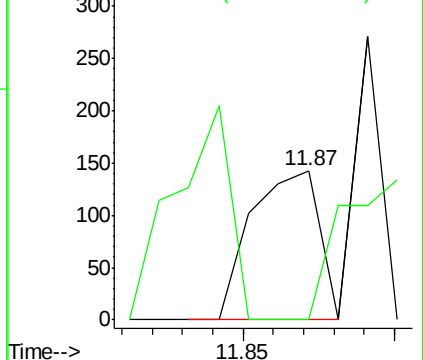
75 100

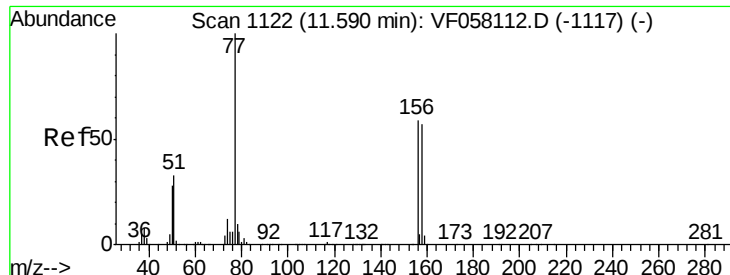
77 0.0 17.5 52.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

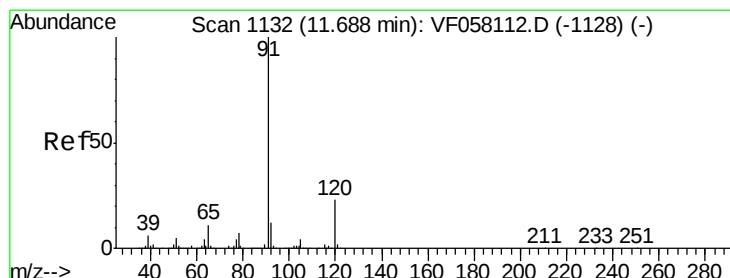
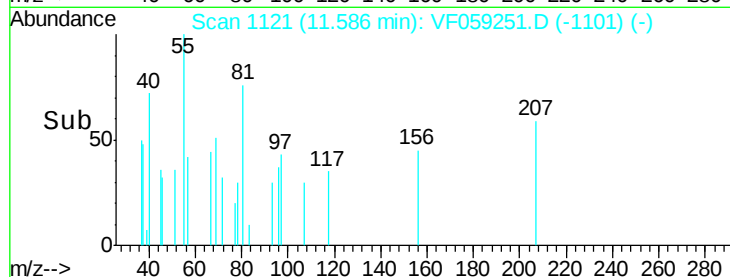
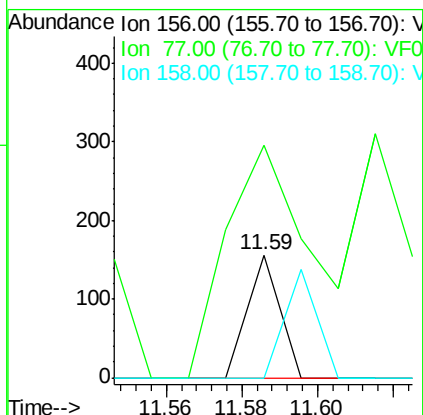
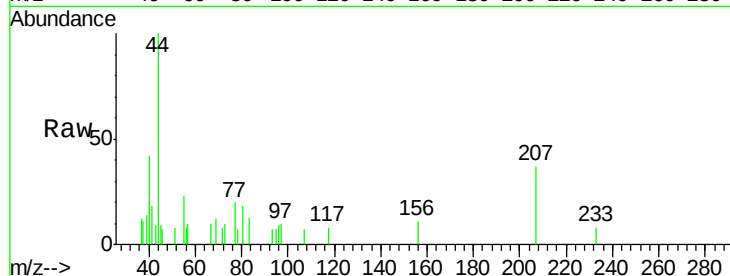




#77
Bromobenzene
Concen: 3.77 ug/l
RT: 11.59 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

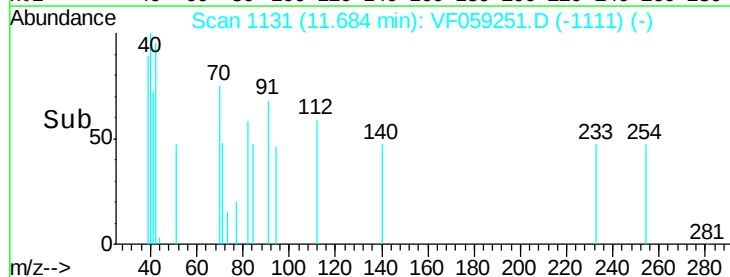
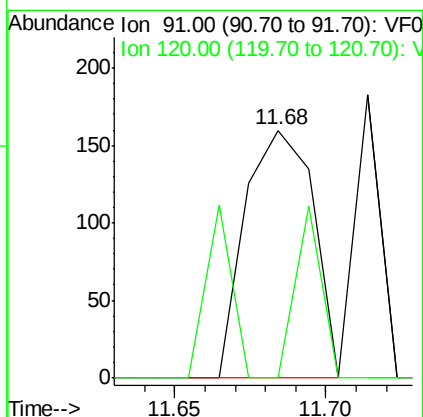
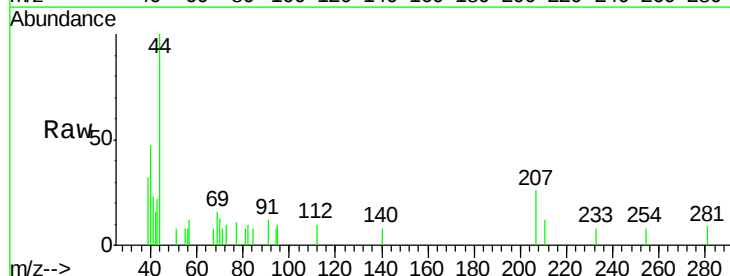
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

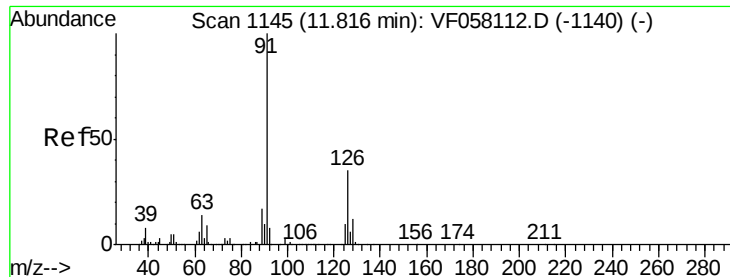
Tot Ion:156 Resp: 92
Ion Ratio Lower Upper
156 100
77 189.7 84.8 254.4
158 0.0 47.9 143.7#



#78
n-propylbenzene
Concen: 2.17 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 91 Resp: 249
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.5#





#79

2-Chlorotoluene

Concen: 3.86 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

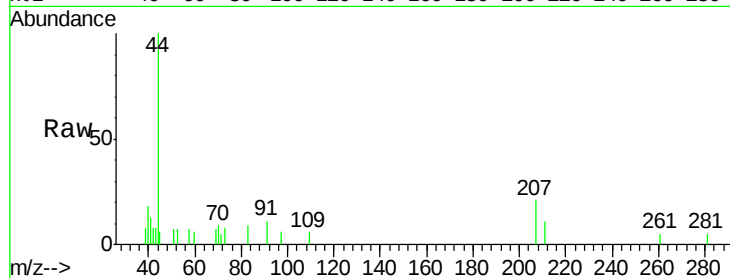
20180371-COMPOSITE-CS-1A

Tot Ion: 91.00 Resp: 262

Ion Ratio Lower Upper

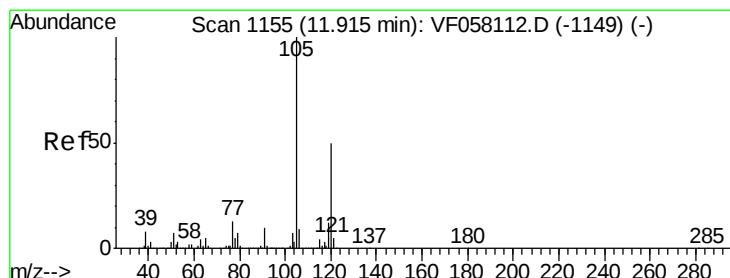
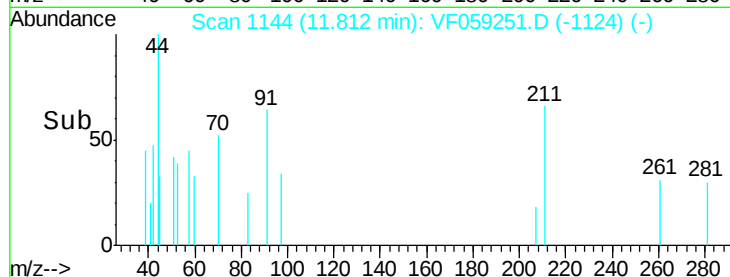
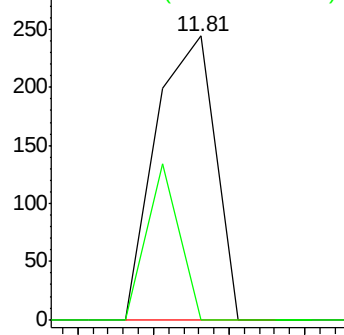
91 100

126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.03 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. 0.01 min

Lab File: VF059251.D

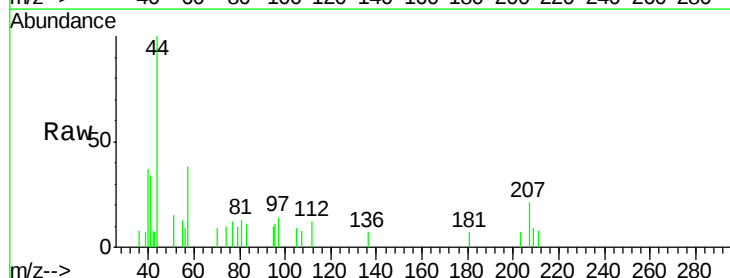
Acq: 21 Jun 2018 4:51

Tgt Ion:105 Resp: 83

Ion Ratio Lower Upper

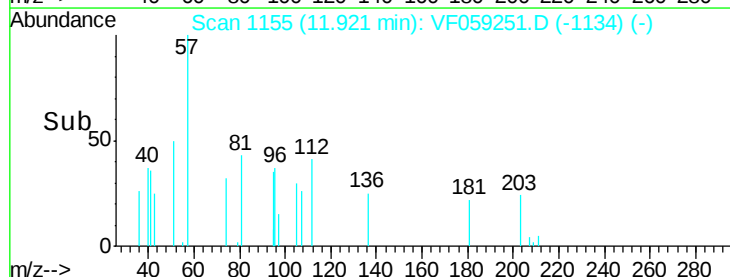
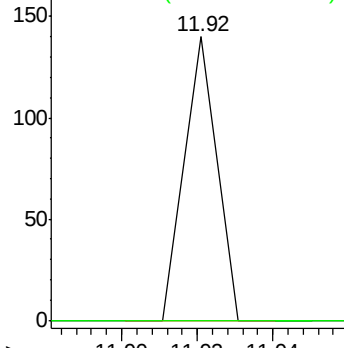
105 100

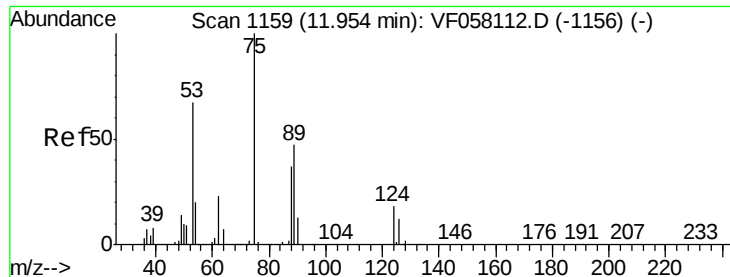
120 0.0 24.9 74.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 5.63 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

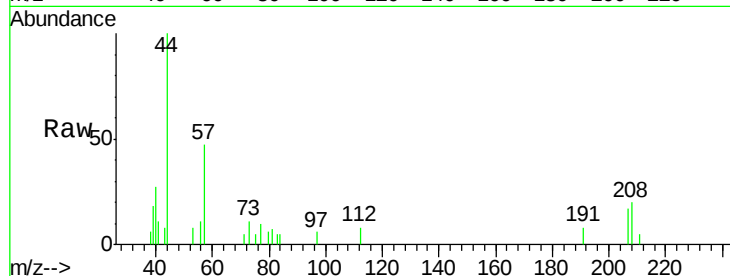
Tot Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

53 167.6 58.7 88.1#

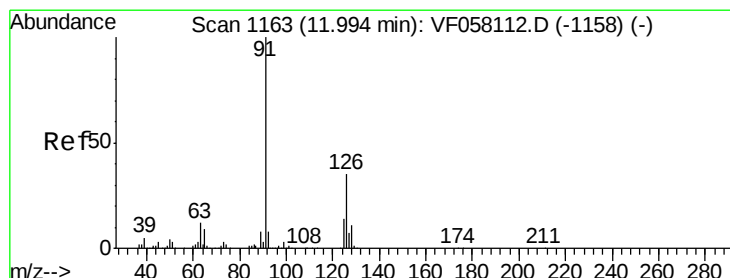
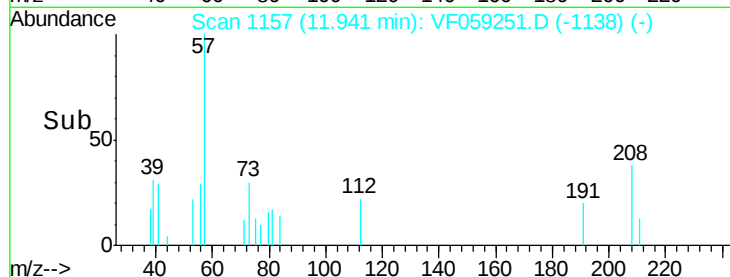
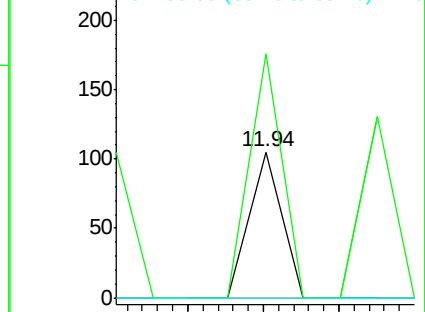
89 0.0 39.8 59.6#



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: 10.71 ug/l

RT: 11.99 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VF059251.D

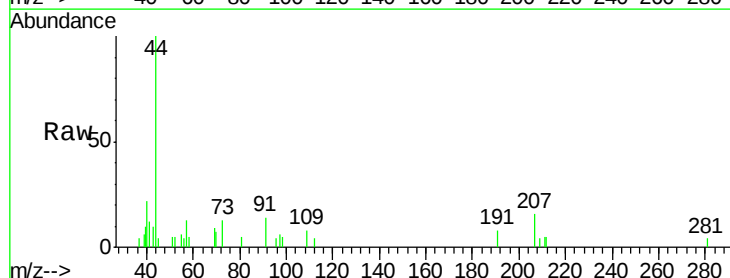
Acq: 21 Jun 2018 4:51

Tgt Ion: 91 Resp: 774

Ion Ratio Lower Upper

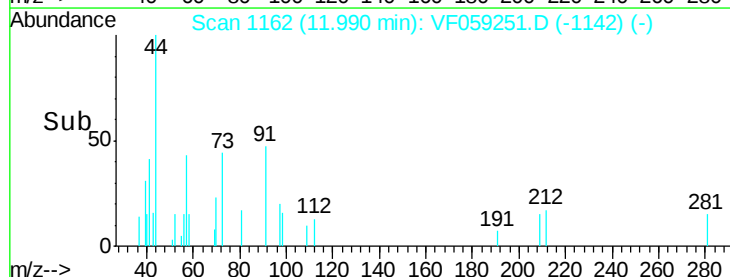
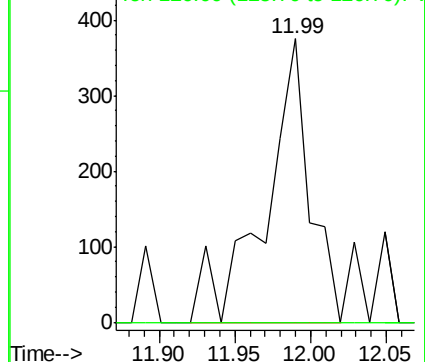
91 100

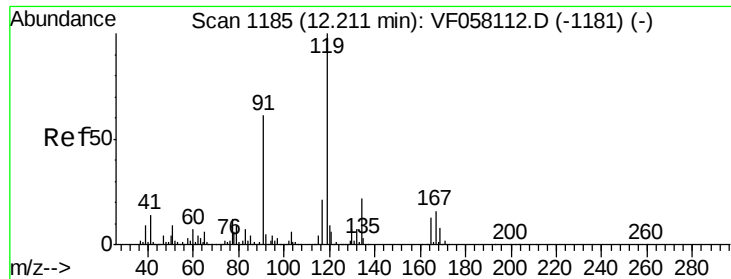
126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

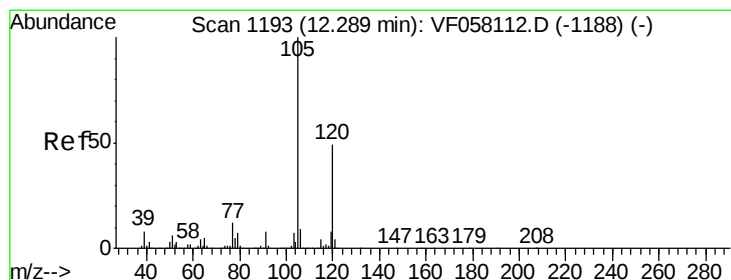
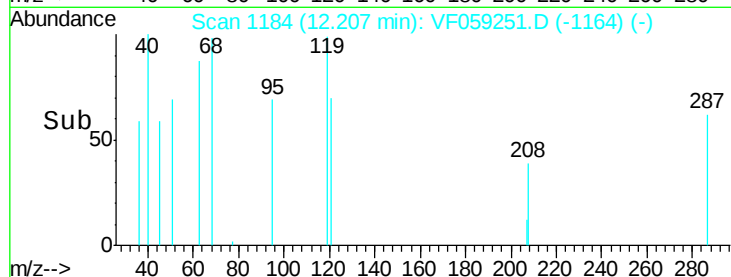
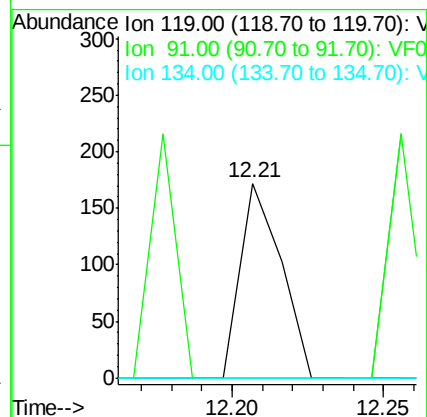
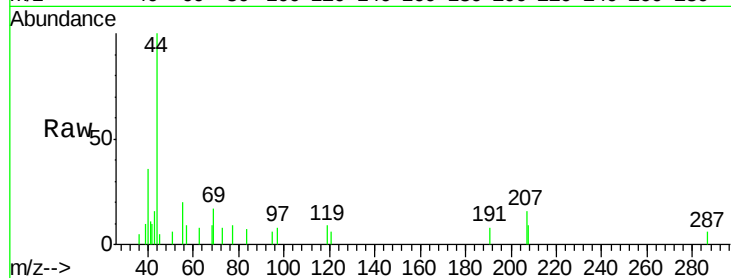




#83
tert-Butylbenzene
Concen: 2.04 ug/l
RT: 12.21 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

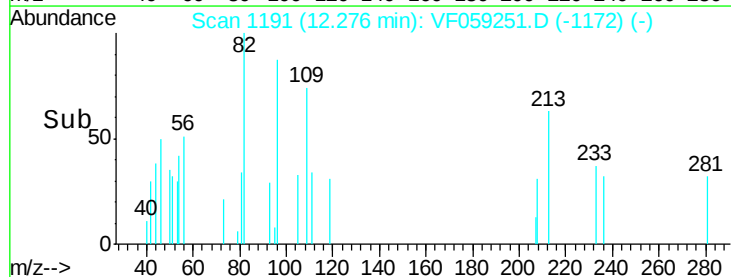
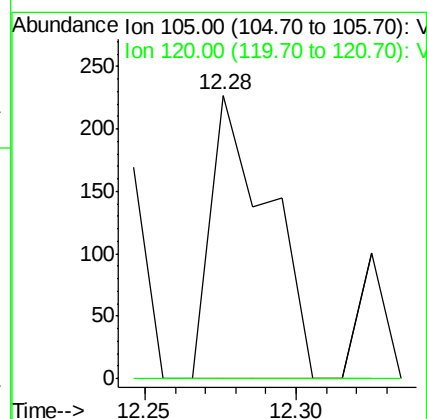
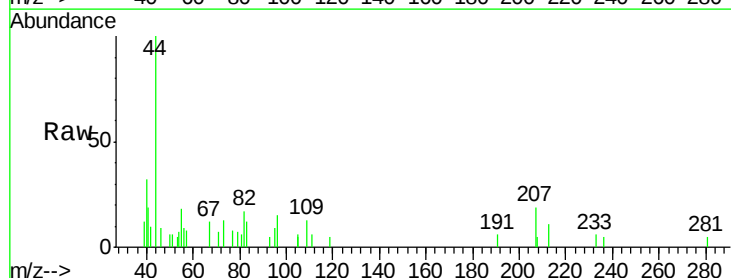
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

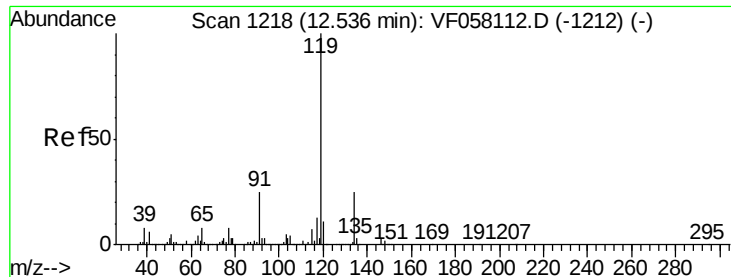
Tot Ion:119 Resp: 163
Ion Ratio Lower Upper
119 100
91 0.0 30.4 91.3#
134 0.0 11.2 33.5#



#84
1,2,4-Trimethylbenzene
Concen: 3.63 ug/l
RT: 12.28 min Scan# 1191
Delta R.T. -0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion:105 Resp: 302
Ion Ratio Lower Upper
105 100
120 0.0 24.7 74.1#

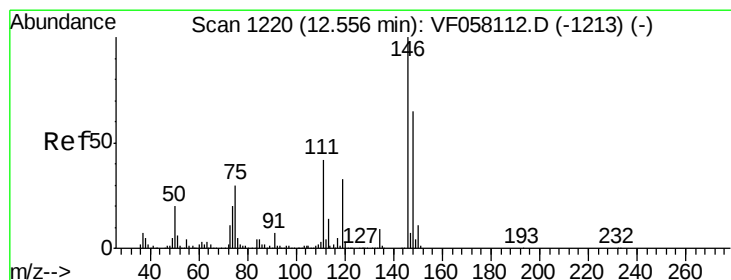
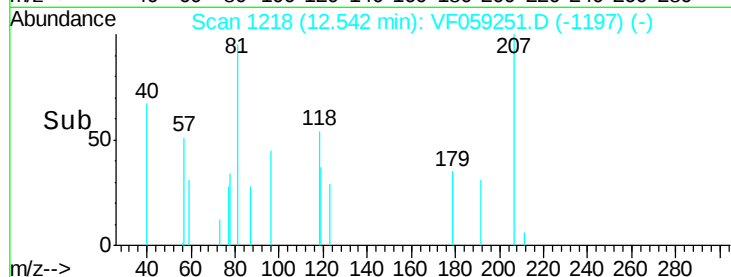
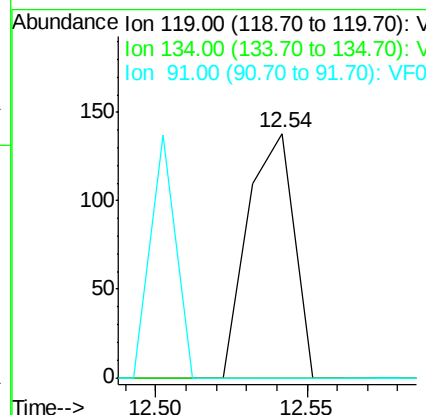
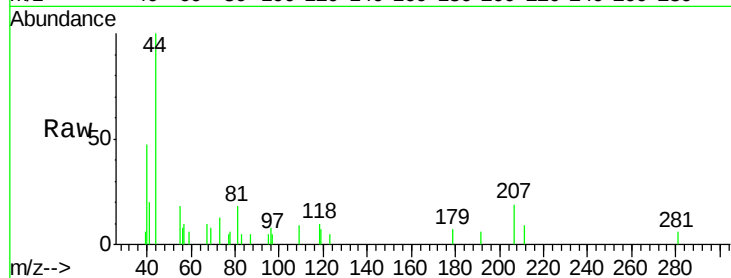




#86
p-Isopropyltoluene
Concen: 1.65 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

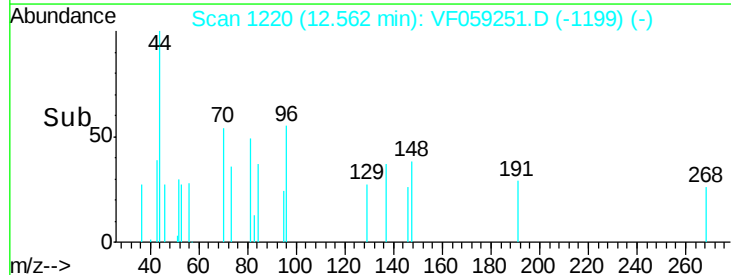
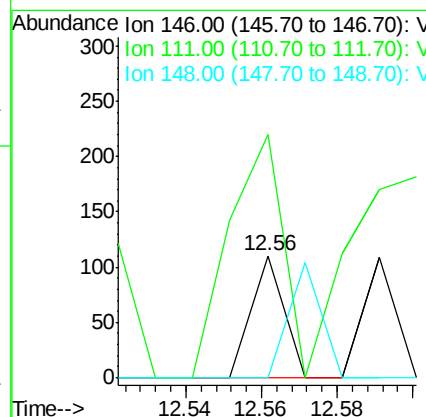
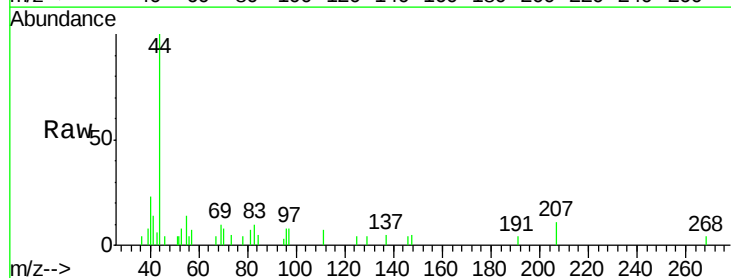
Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

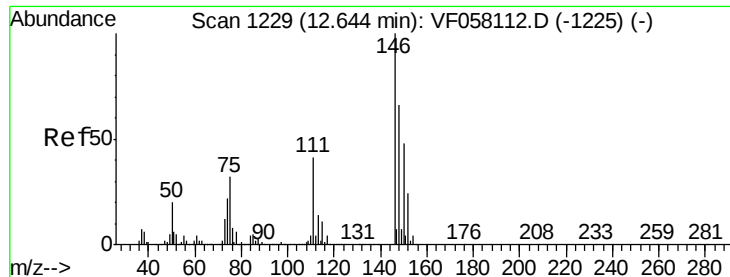
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.7	38.0#
91	0.0	12.6	37.6#



#87
1,3-Dichlorobenzene
Concen: 1.44 ug/l
RT: 12.56 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	200.0	20.8	62.5#
148	0.0	32.3	96.9#





#88

1,4-Dichlorobenzene

Concen: 4.23 ug/l

RT: 12.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

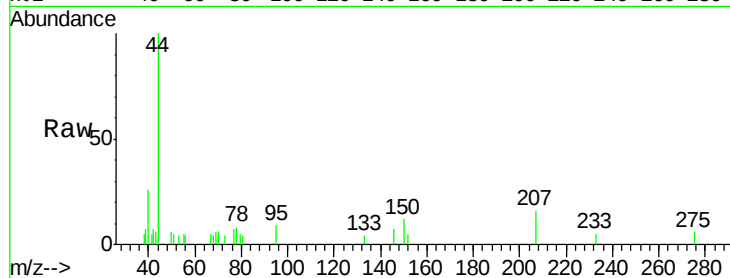
Tot Ion:146 Resp: 184

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.2#

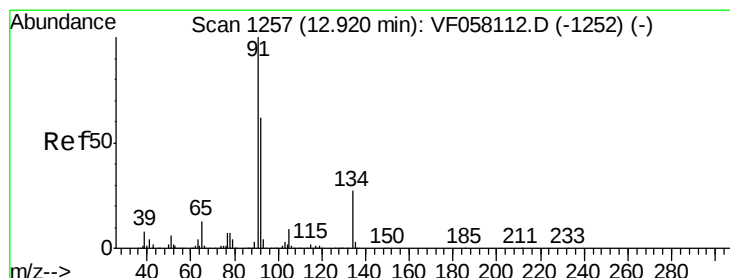
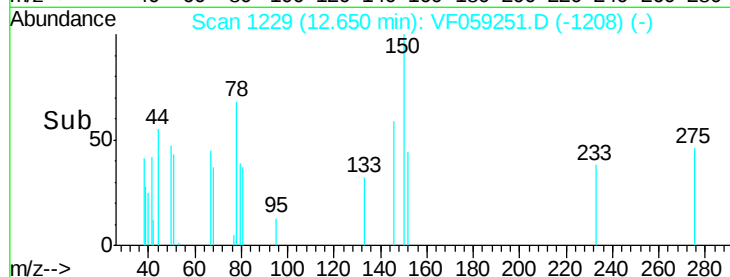
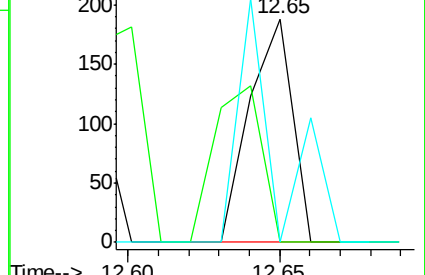
148 0.0 33.0 99.0#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#89

n-Butylbenzene

Concen: 4.95 ug/l

RT: 12.92 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

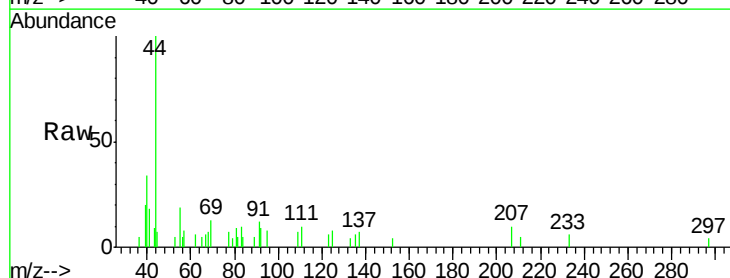
Tgt Ion: 91 Resp: 587

Ion Ratio Lower Upper

91 100

92 69.3 31.1 93.5

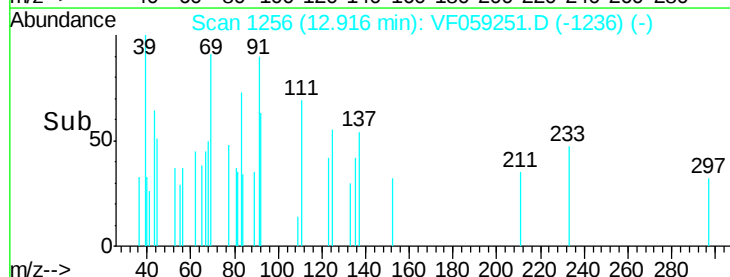
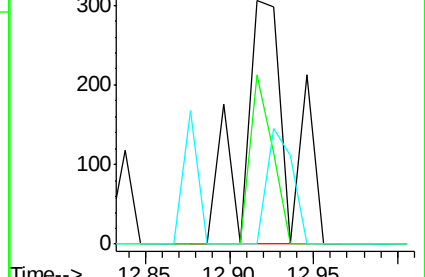
134 0.0 13.6 40.8#

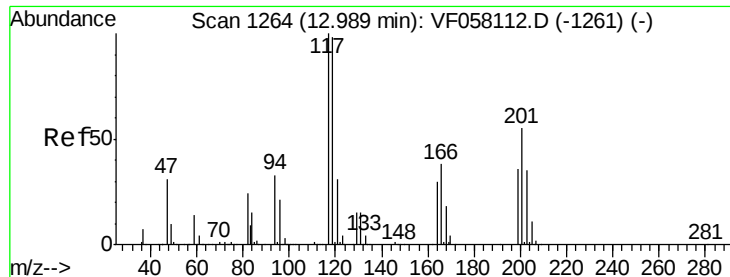


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.15 ug/l

RT: 12.86 min Scan# 1250

Delta R.T. -0.13 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

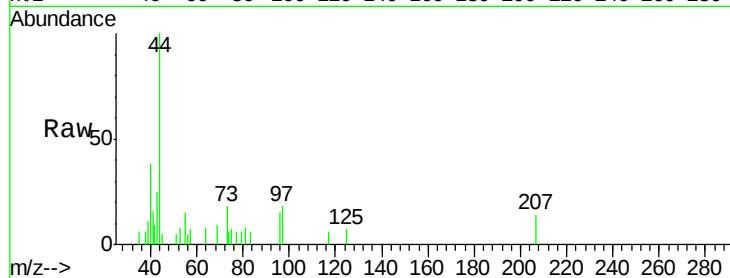
20180371-COMPOSITE-CS-1A

Tot Ion:117 Resp: 69

Ion Ratio Lower Upper

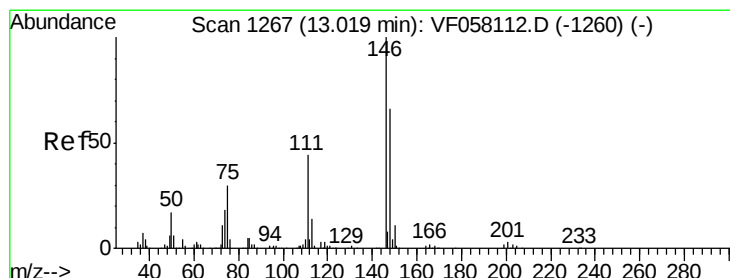
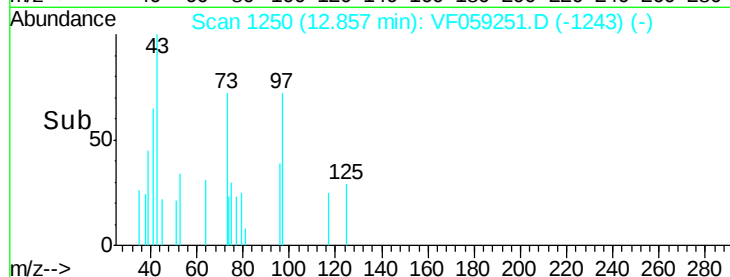
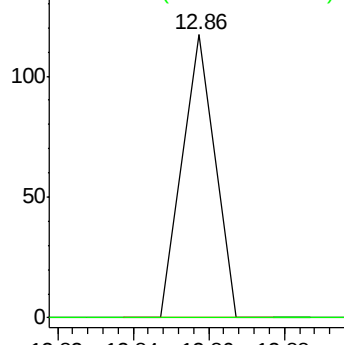
117 100

201 0.0 27.5 82.4#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#91

1,2-Dichlorobenzene

Concen: 6.42 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

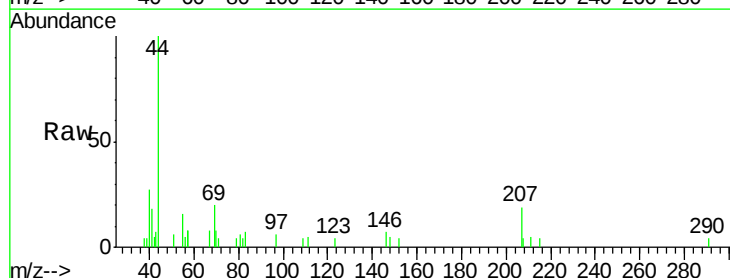
Tgt Ion:146 Resp: 279

Ion Ratio Lower Upper

146 100

111 67.3 22.0 66.0#

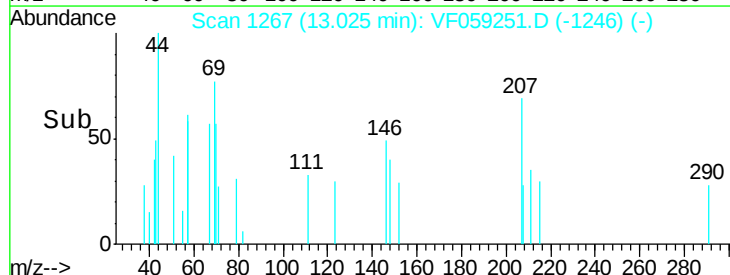
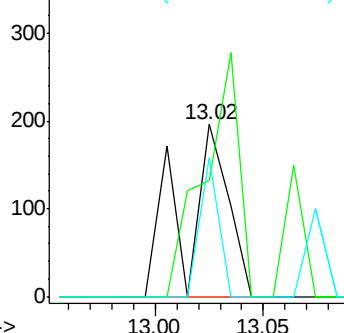
148 80.6 33.1 99.3

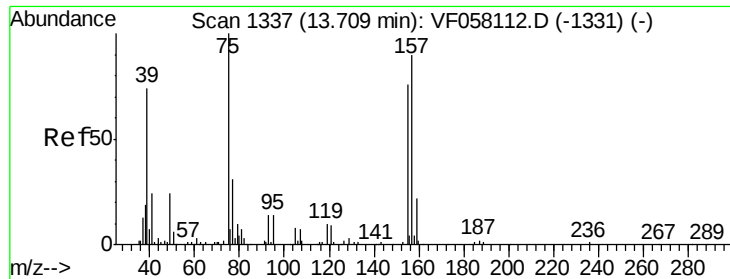


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.83 ug/l

RT: 13.73 min Scan# 1339

Delta R.T. 0.03 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

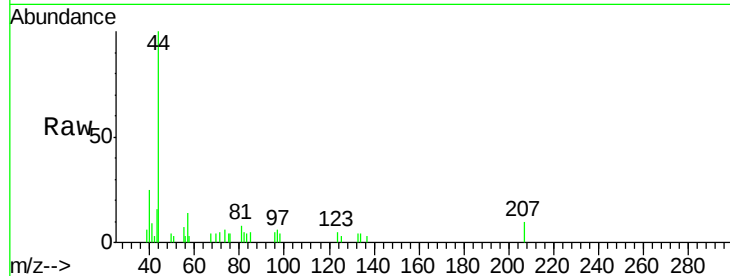
Tot Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

155 0.0 38.0 114.0#

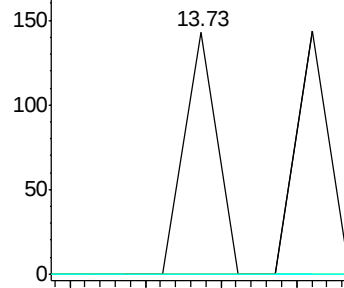
157 0.0 45.1 135.5#



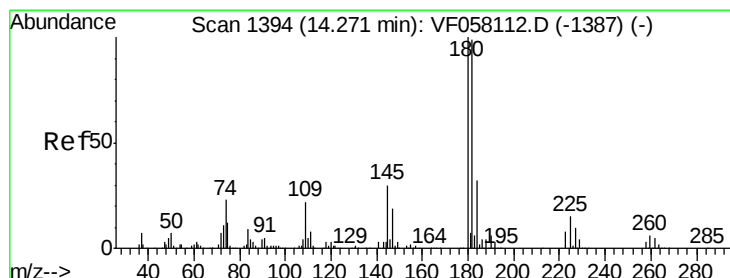
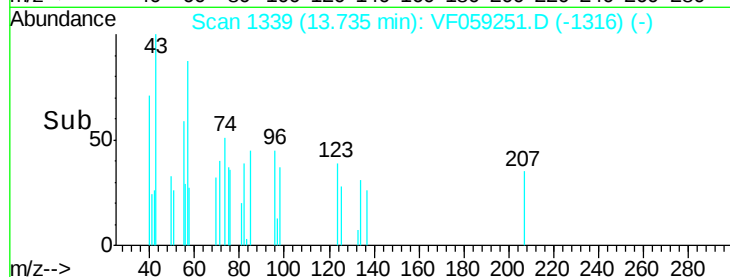
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



Time--> 13.70 13.72 13.74 13.76



#93

1,2,4-Trichlorobenzene

Concen: 2.53 ug/l

RT: 14.28 min Scan# 1394

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

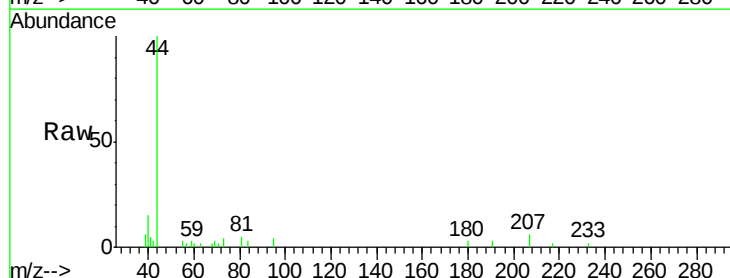
Tgt Ion: 180 Resp: 77

Ion Ratio Lower Upper

180 100

182 0.0 49.3 147.9#

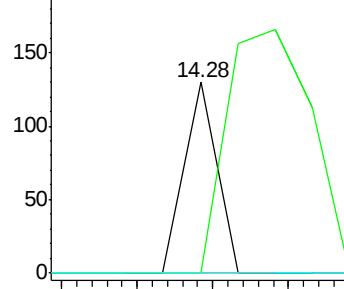
145 0.0 14.9 44.9#



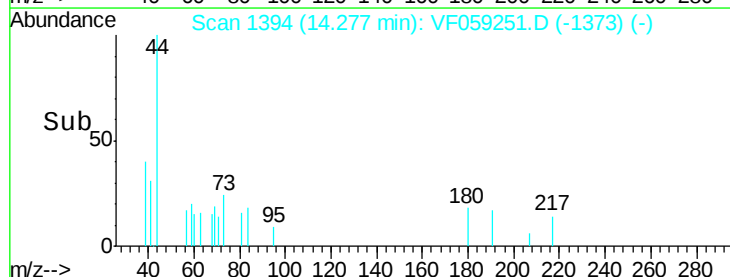
Abundance Ion 180.00 (179.70 to 180.70): V

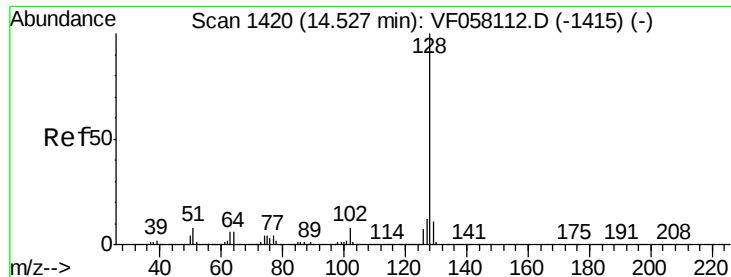
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



Time--> 14.24 14.26 14.28 14.30





#95

Naphthalene

Concen: 8.12 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1A

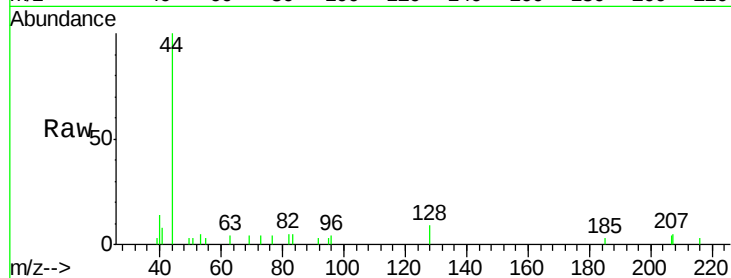
Tot Ion:128 Resp: 527

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

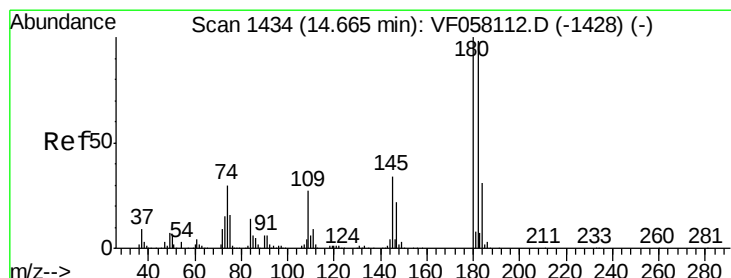
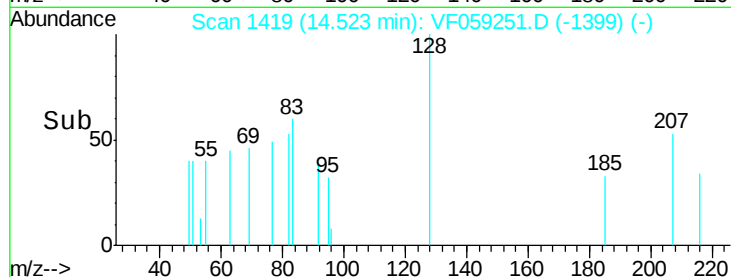
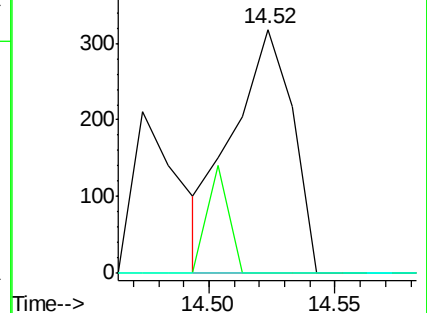
129 0.0 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 7.12 ug/l

RT: 14.67 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

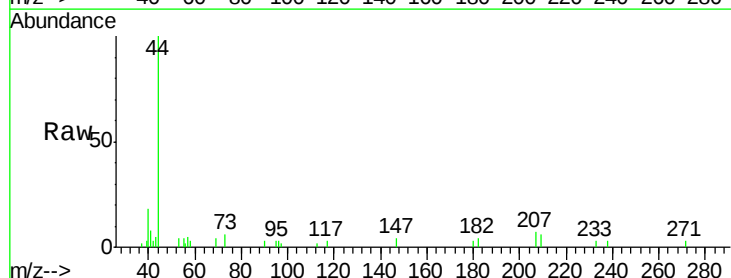
Tgt Ion:180 Resp: 200

Ion Ratio Lower Upper

180 100

182 119.7 48.9 146.6

145 0.0 17.3 51.7#



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

