

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061195.D
 Acq On : 26 Dec 2018 18:30
 Operator : VA/AP
 Sample : J6404-03
 Misc : 16.74g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CPIDW01-121218-N

Quant Time: Dec 27 01:20:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	350	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	123	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.80	65	78	17.33	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	34.66%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.55	98	489	39.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.34%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds						Qvalue
3) Chloromethane	1.13	50	189	42.408	ug/l #	42
4) Vinyl Chloride	1.16	62	82	19.834	ug/l #	37
5) Bromomethane	1.37	94	565	197.033	ug/l	86
6) Chloroethane	1.32	64	62	32.546	ug/l #	36
8) Diethyl Ether	1.53	74	60	55.506	ug/l	47
11) Tert butyl alcohol	2.56	59	62	341.301	ug/l #	1
12) 1,1-Dichloroethene	1.90	96	64	20.744	ug/l #	1
13) Acrolein	1.96	56	256	1950.252	ug/l	96
14) Allyl chloride	2.10	41	654	203.694	ug/l #	72
15) Acrylonitrile	2.93	53	271	645.139	ug/l #	75
16) Acetone	2.33	43	276	306.694	ug/l	96
17) Carbon Disulfide	1.95	76	140	15.016	ug/l #	1
18) Methyl Acetate	2.33	43	276	148.239	ug/l #	66
19) Methyl tert-butyl Ether	2.49	73	96	14.018	ug/l #	1
20) Methylene Chloride	2.27	84	163	57.341	ug/l #	1
21) trans-1,2-Dichloroethene	2.28	96	146	44.245	ug/l #	1
22) Diisopropyl ether	2.81	45	1102	103.040	ug/l #	21
23) Vinyl Acetate	3.18	43	1209	245.044	ug/l #	78
24) 1,1-Dichloroethane	2.88	63	103	16.255	ug/l #	88
25) 2-Butanone	4.30	43	89	60.980	ug/l #	57
26) 2,2-Dichloropropane	3.62	77	80	21.999	ug/l #	62
27) cis-1,2-Dichloroethene	3.48	96	77	15.242	ug/l	1
29) Tetrahydrofuran	4.09	42	62	104.372	ug/l #	37
30) Chloroform	3.97	83	175	18.418	ug/l #	16
31) Cyclohexane	3.69	56	63	9.581	ug/l #	15
37) Ethyl Acetate	4.10	43	72	25.642	ug/l #	21
39) Methylcyclohexane	5.56	83	61	10.242	ug/l #	14
40) Benzene	4.61	78	72	5.043	ug/l #	49
41) Methacrylonitrile	4.75	41	149	106.272	ug/l #	27
43) Isopropyl Acetate	6.97	43	353	110.120	ug/l #	45
48) Methyl methacrylate	6.71	41	109	48.708	ug/l #	19
51) 4-Methyl-2-Pentanone	8.26	43	167	75.962	ug/l #	38
59) 2-Hexanone	9.48	43	66	41.513	ug/l #	27
67) Ethyl Benzene	9.78	91	83	17.929	ug/l #	47

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QLast Update : Thu Dec 20 00:56:59 2018
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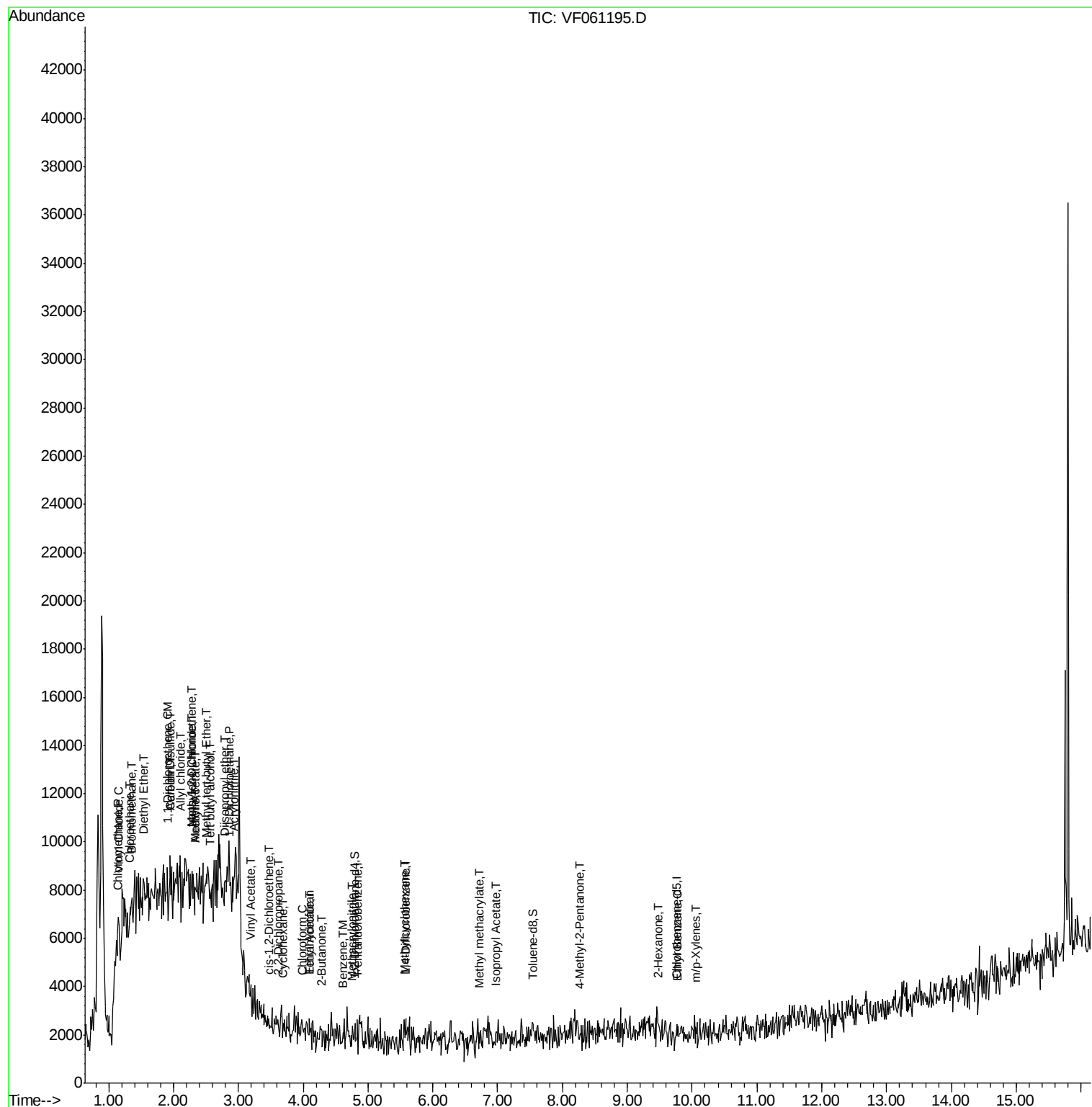
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	10.06	106	70	42.967	ug/l #	1

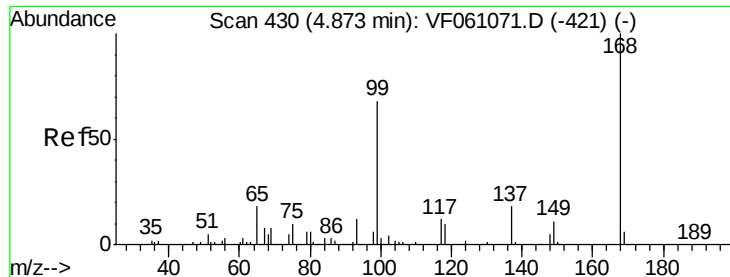
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.03 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

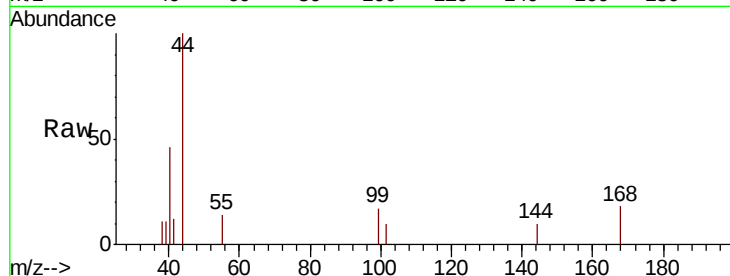
CPIDW01-121218-N

Tot Ion:168 Resp: 350

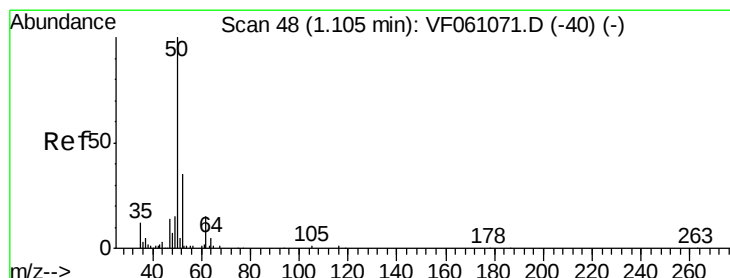
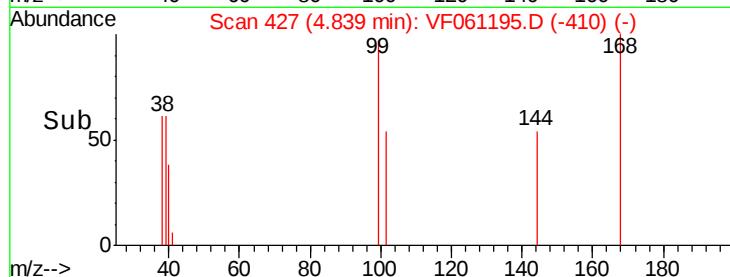
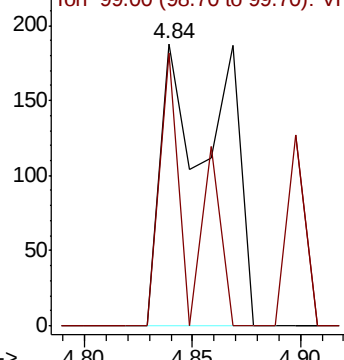
Ion Ratio Lower Upper

168 100

99 96.8 54.4 81.6#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 42.408 ug/l

RT: 1.13 min Scan# 51

Delta R.T. 0.03 min

Lab File: VF061195.D

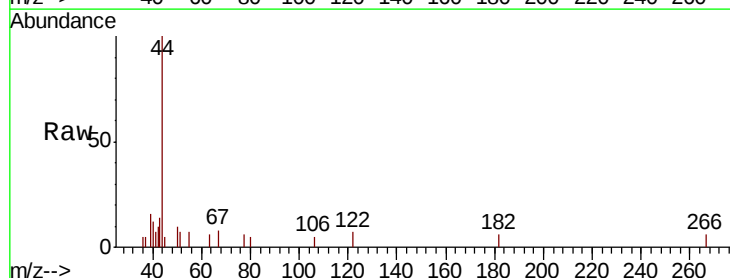
Acq: 26 Dec 2018 18:30

Tgt Ion: 50 Resp: 189

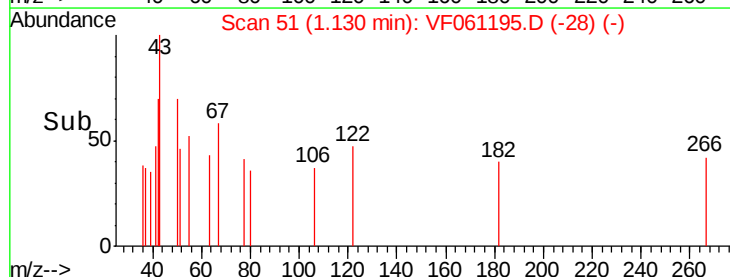
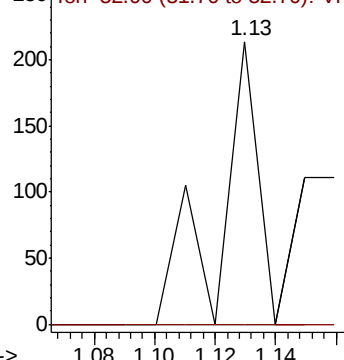
Ion Ratio Lower Upper

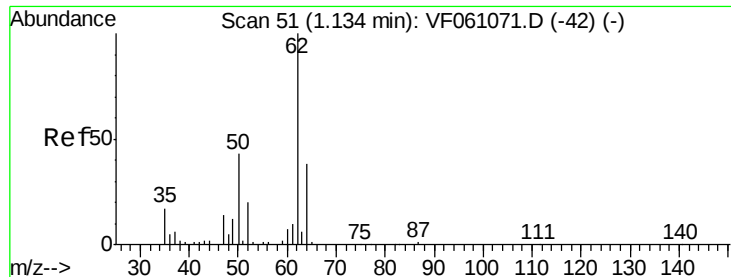
50 100

52 0.0 26.3 39.5#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#4

Vinyl Chloride

Concen: 19.834 ug/l

RT: 1.16 min Scan# 54

Delta R.T. 0.03 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

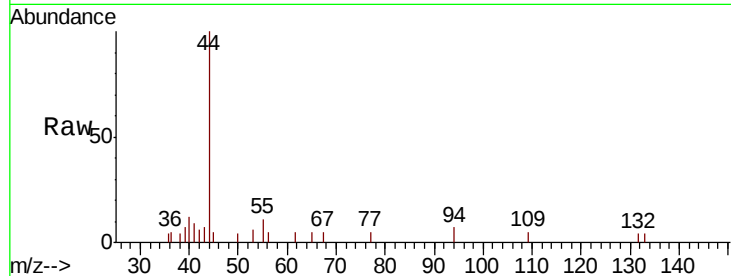
CPIDW01-121218-N

Tot Ion: 62 Resp: 82

Ion Ratio Lower Upper

62 100

64 0.0 30.4 45.6#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0

1.16

150

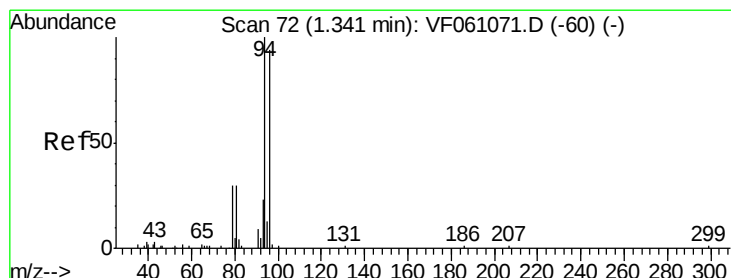
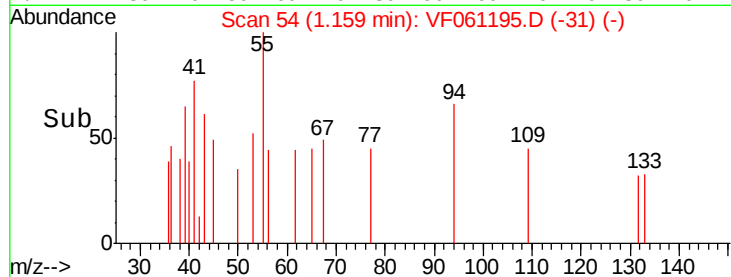
100

50

0

1.14 1.16 1.18

Time-->



#5

Bromomethane

Concen: 197.033 ug/l

RT: 1.37 min Scan# 75

Delta R.T. 0.03 min

Lab File: VF061195.D

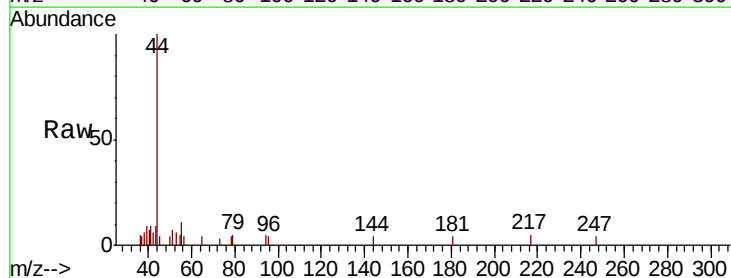
Acq: 26 Dec 2018 18:30

Tgt Ion: 94 Resp: 565

Ion Ratio Lower Upper

94 100

96 79.3 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

200

150

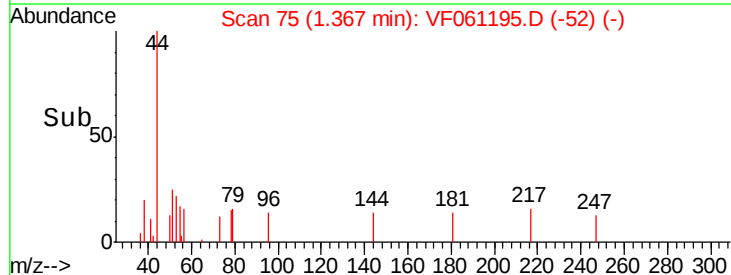
100

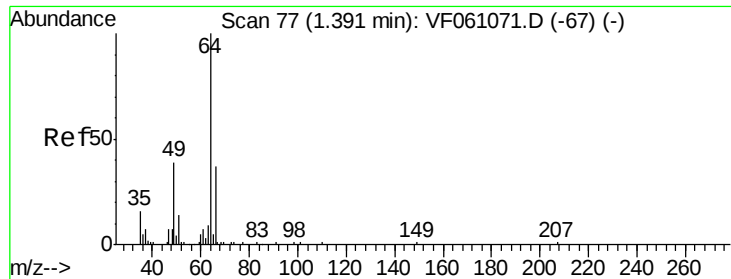
50

0

1.30 1.35 1.40

Time-->





#6

Chloroethane

Concen: 32.546 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.07 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

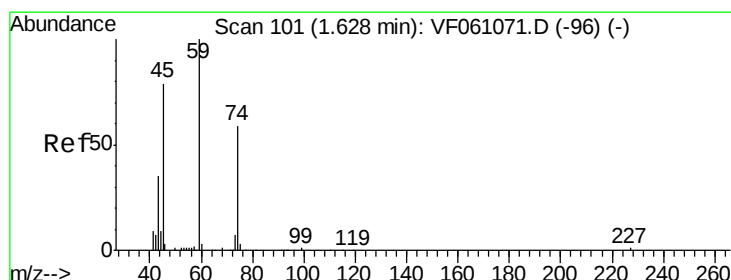
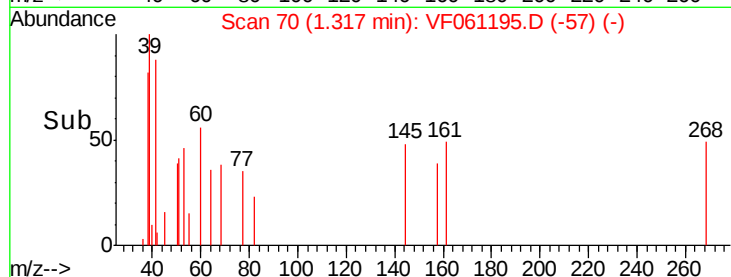
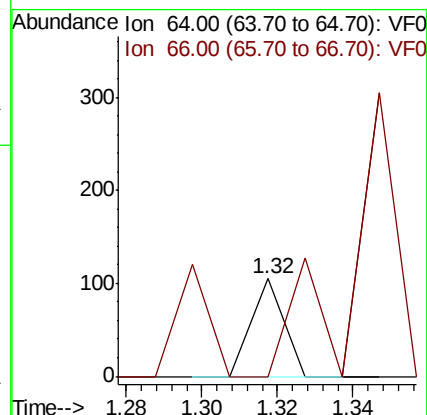
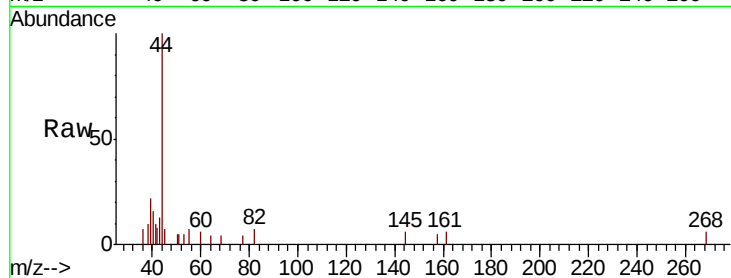
CPIDW01-121218-N

Tot Ion: 64 Resp: 62

Ion Ratio Lower Upper

64 100

66 0.0 30.9 46.3#



#8

Diethyl Ether

Concen: 55.506 ug/l

RT: 1.53 min Scan# 92

Delta R.T. -0.09 min

Lab File: VF061195.D

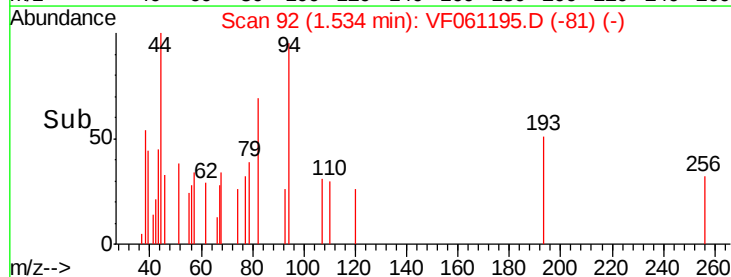
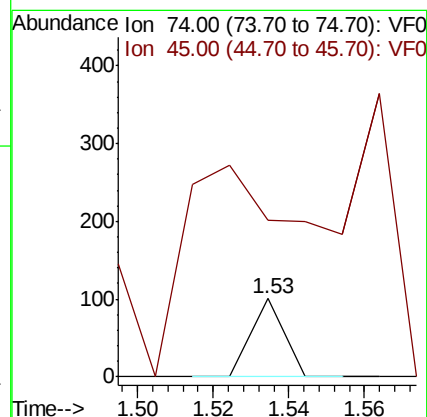
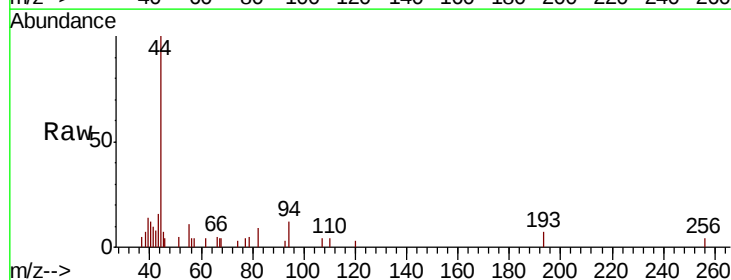
Acq: 26 Dec 2018 18:30

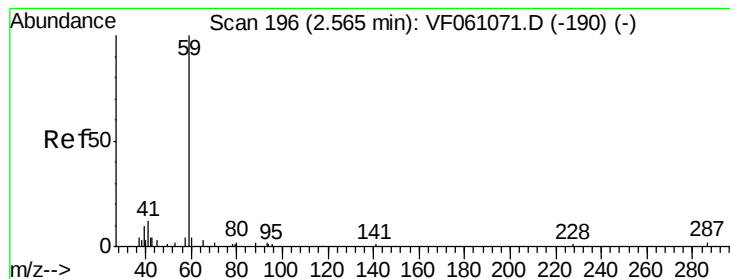
Tgt Ion: 74 Resp: 60

Ion Ratio Lower Upper

74 100

45 199.0 67.8 203.4



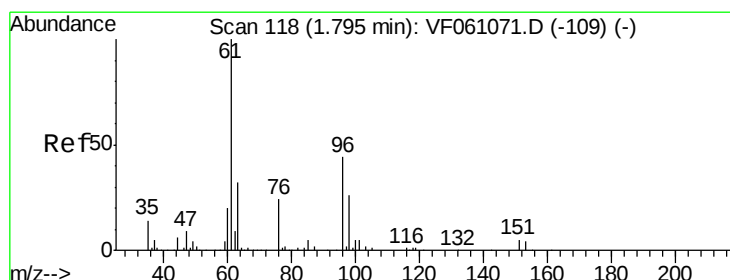
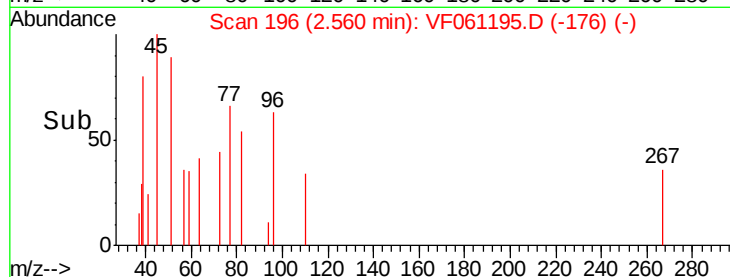
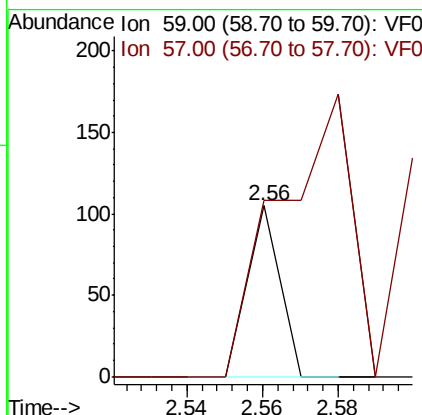
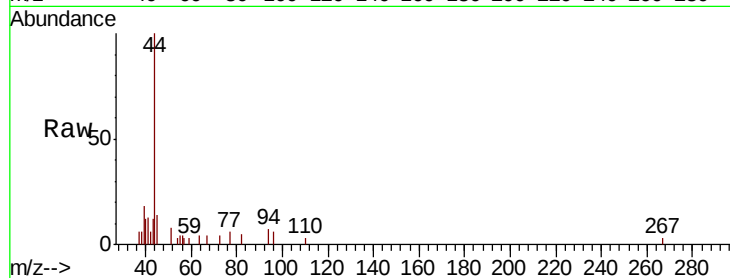


#11

Tert butyl alcohol
 Concen: 341.301 ug/l
 RT: 2.56 min Scan# 196
 Delta R.T. -0.00 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

Instrument :
 MSVOA_F
 ClientSampleId :
 CPIDW01-121218-N

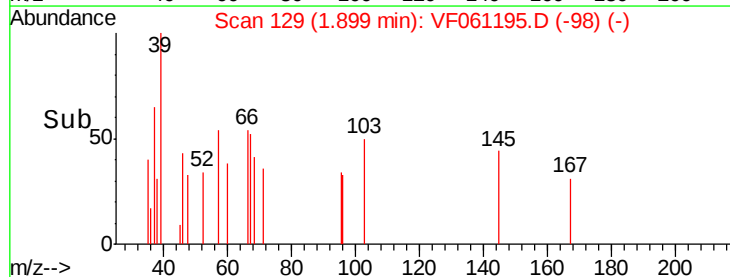
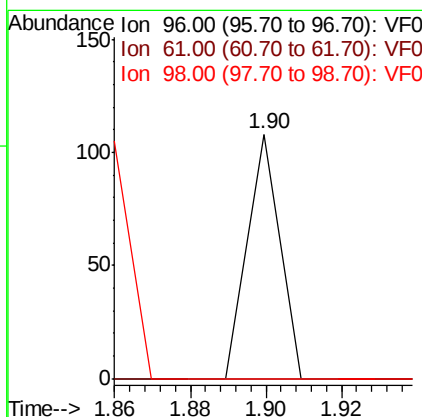
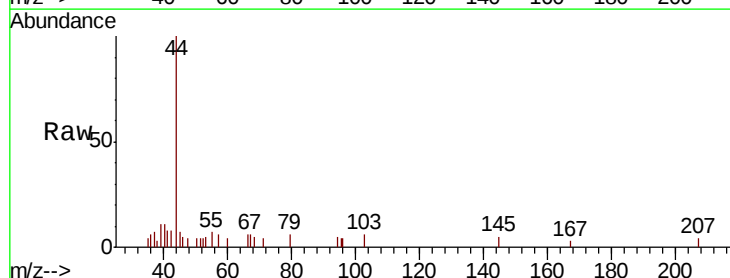
Tot Ion: 59 Resp: 62
 Ion Ratio Lower Upper
 59 100
 57 102.9 11.5 17.3#

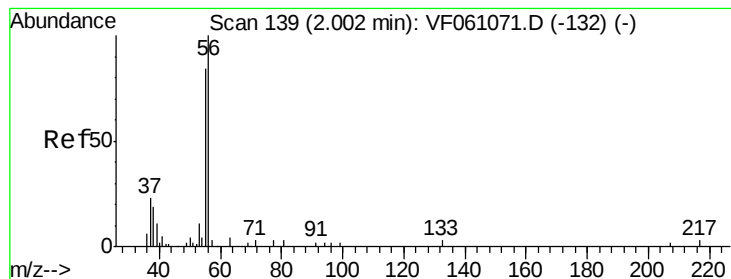


#12

1,1-Dichloroethene
 Concen: 20.744 ug/l
 RT: 1.90 min Scan# 129
 Delta R.T. 0.10 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

Tgt Ion: 96 Resp: 64
 Ion Ratio Lower Upper
 96 100
 61 0.0 182.0 273.0#
 98 0.0 46.5 69.7#





#13

Acrolein

Concen: 1950.252 ug/l

RT: 1.96 min Scan# 135

Delta R.T. -0.04 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

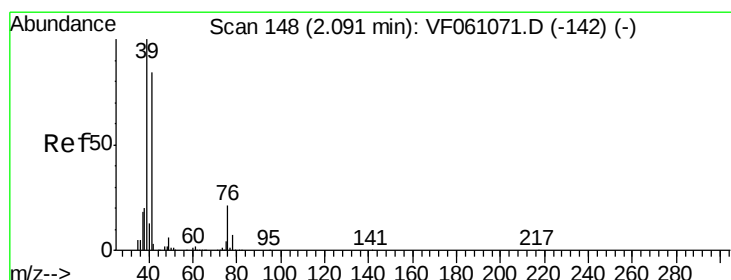
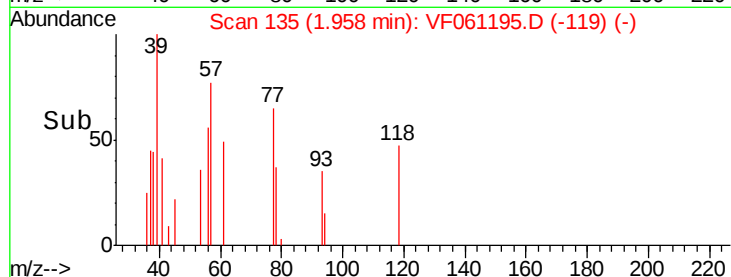
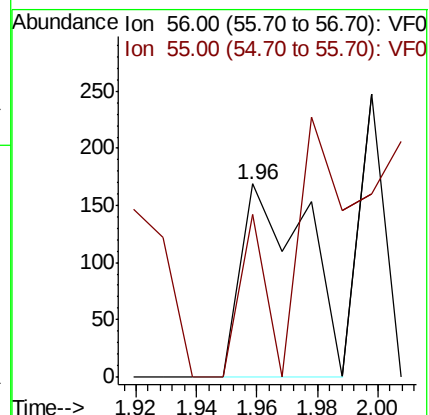
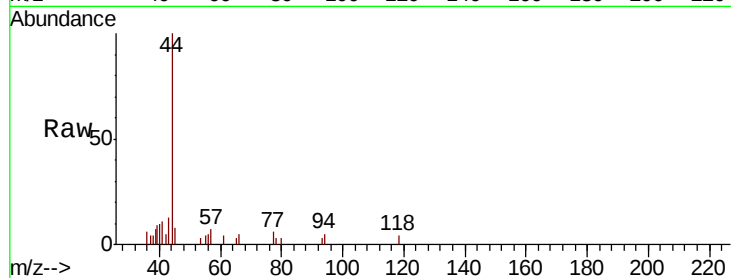
CPIDW01-121218-N

Tot Ion: 56 Resp: 256

Ion Ratio Lower Upper

56 100

55 84.0 70.2 105.2



#14

Allyl chloride

Concen: 203.694 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.01 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

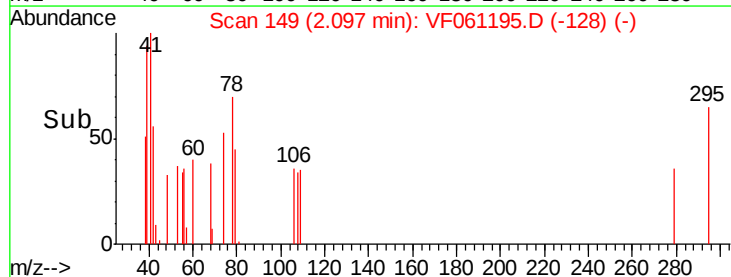
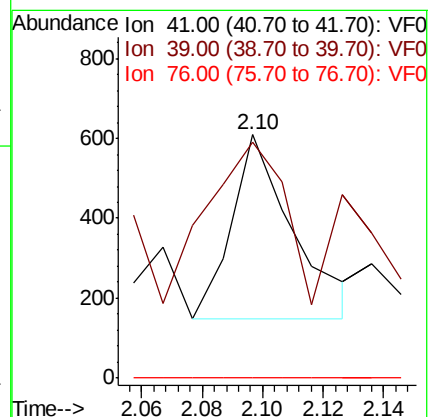
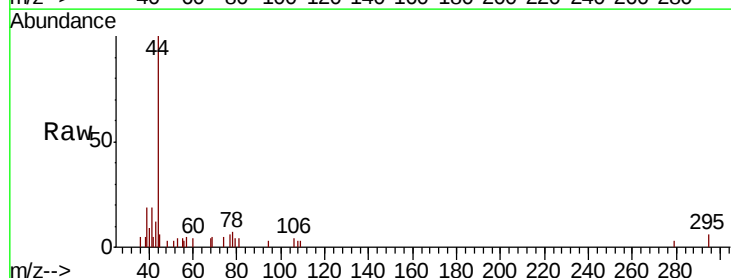
Tgt Ion: 41 Resp: 654

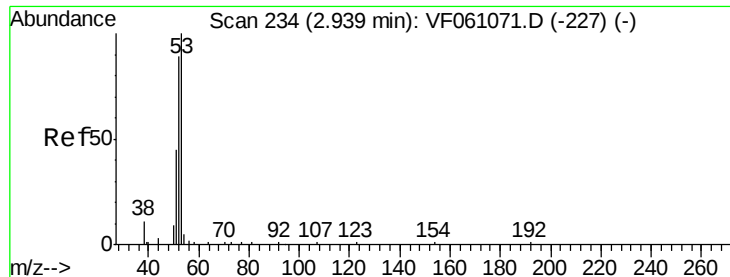
Ion Ratio Lower Upper

41 100

39 97.2 96.4 144.6

76 0.0 25.4 38.0#





#15

Acrylonitrile

Concen: 645.139 ug/l

RT: 2.93 min Scan# 233

Delta R.T. -0.01 min

Lab File: VF061195.D

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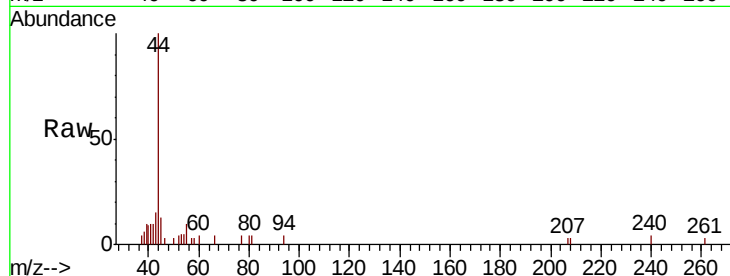
Tot Ion: 53 Resp: 271

Ion Ratio Lower Upper

53 100

52 86.8 71.3 106.9

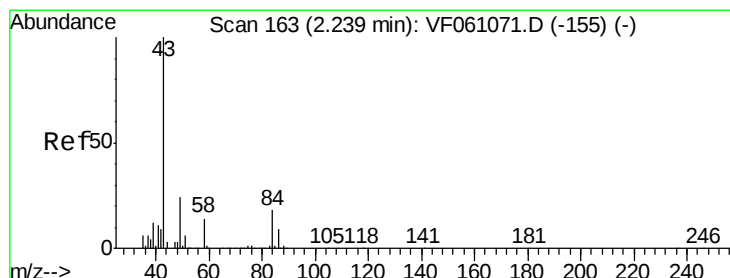
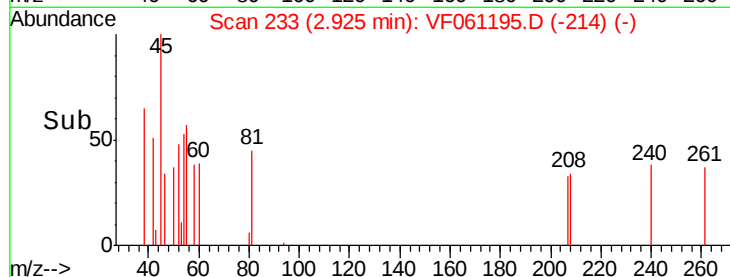
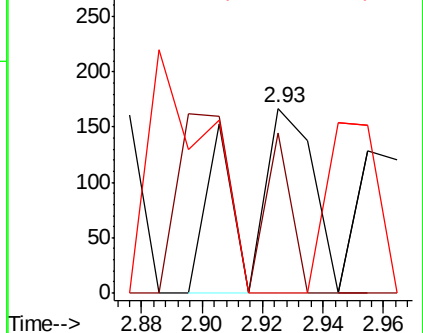
51 0.0 36.8 55.2#



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: 306.694 ug/l

RT: 2.33 min Scan# 173

Delta R.T. 0.09 min

Lab File: VF061195.D

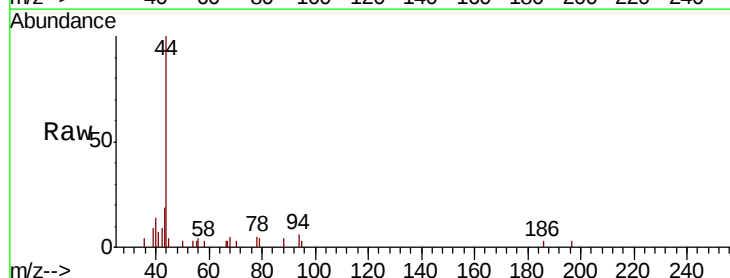
Acq: 26 Dec 2018 18:30

Tgt Ion: 43 Resp: 276

Ion Ratio Lower Upper

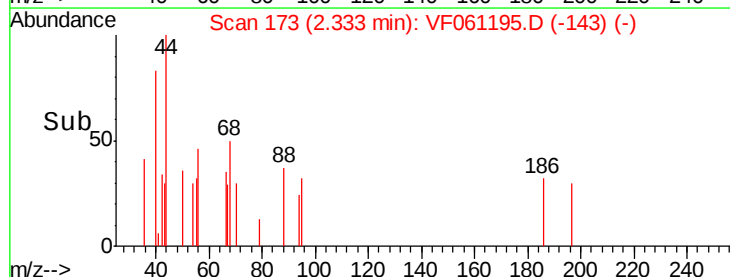
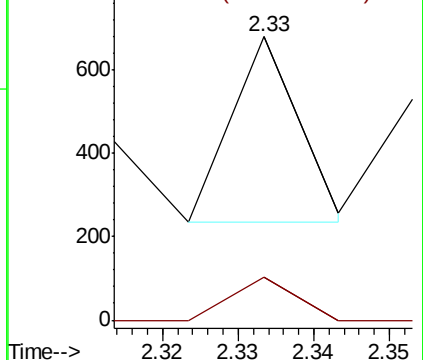
43 100

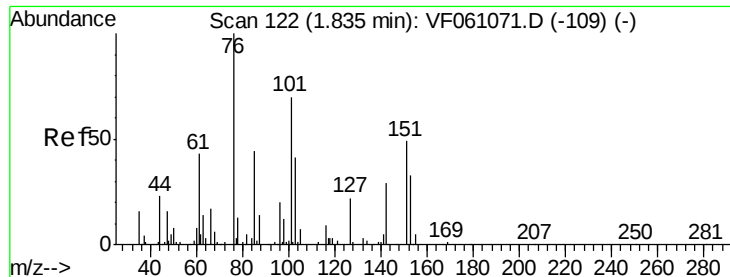
58 15.3 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 15.016 ug/l

RT: 1.95 min Scan# 134

Delta R.T. 0.11 min

Lab File: VF061195.D

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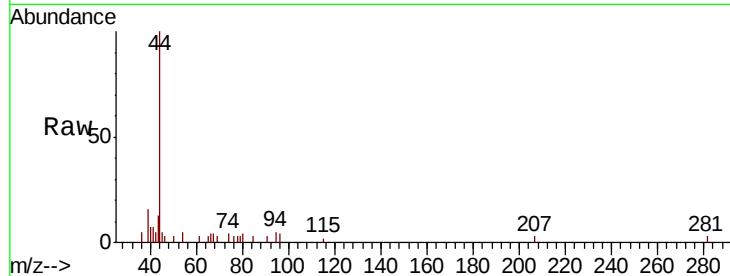
CPIDW01-121218-N

Tot Ion: 76 Resp: 140

Ion Ratio Lower Upper

76 100

78 112.1 10.2 15.4#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

1.95

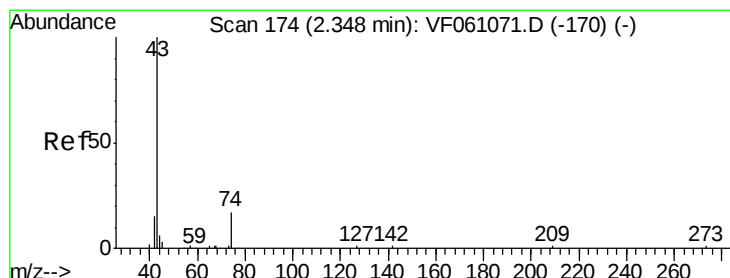
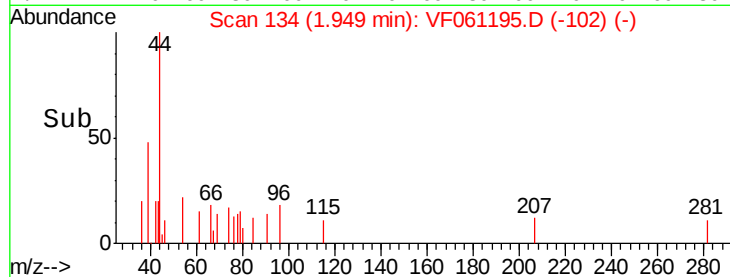
100

50

0

1.90 1.92 1.94 1.96 1.98

Time-->



#18

Methyl Acetate

Concen: 148.239 ug/l

RT: 2.33 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF061195.D

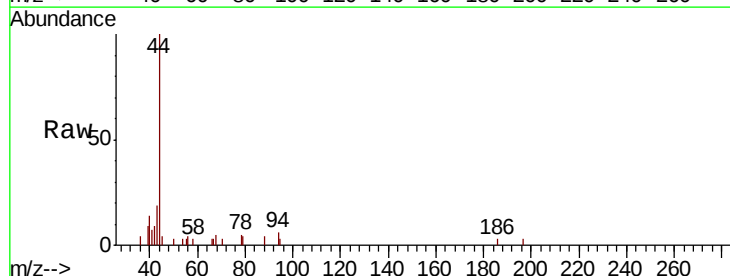
Acq: 26 Dec 2018 18:30

Tgt Ion: 43 Resp: 276

Ion Ratio Lower Upper

43 100

74 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

800

600

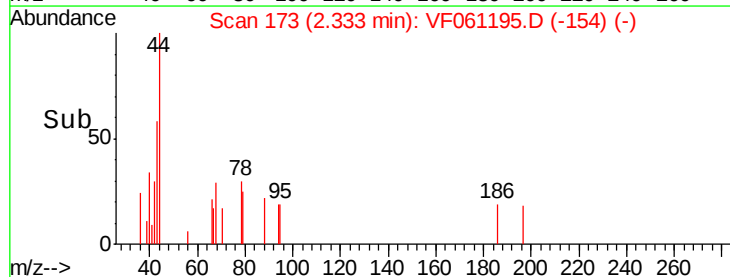
400

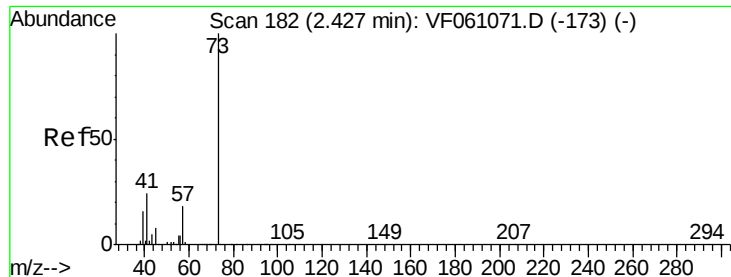
200

0

2.32 2.33 2.34 2.35

Time-->



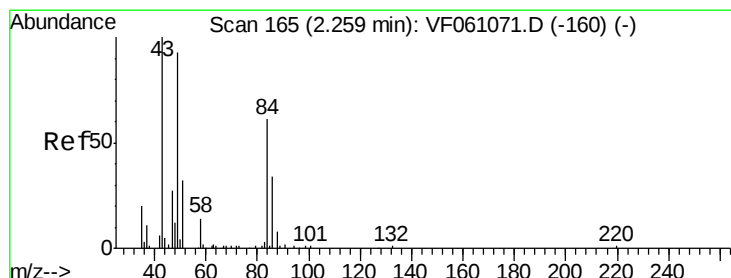
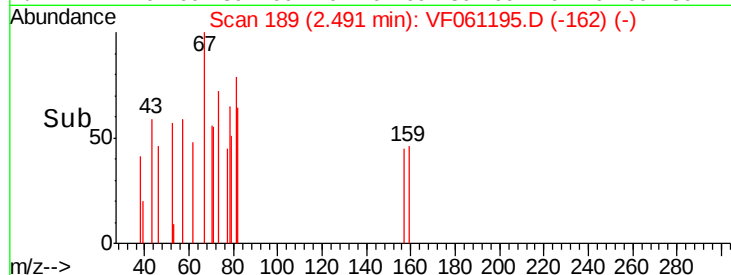
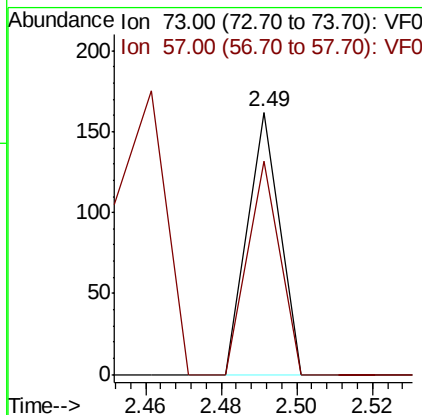
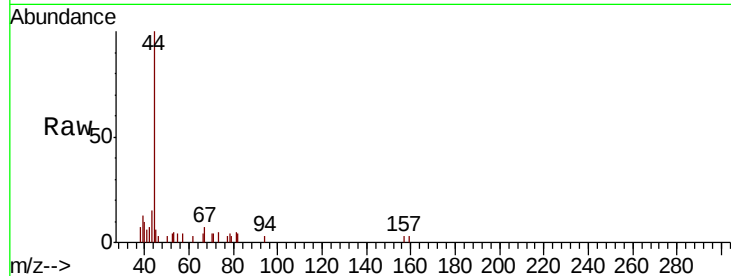


#19

Methyl tert-butyl Ether
 Concen: 14.018 ug/l
 RT: 2.49 min Scan# 189
 Delta R.T. 0.06 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

Instrument :
 MSVOA_F
 ClientSampleId :
 CPIDW01-121218-N

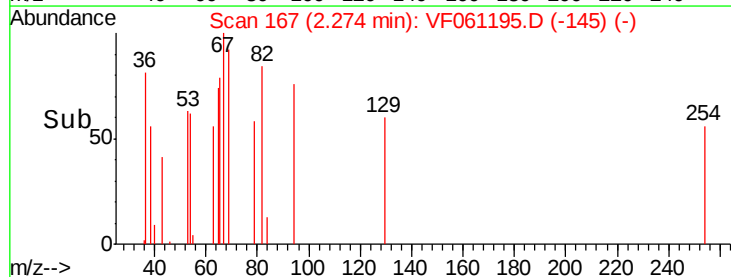
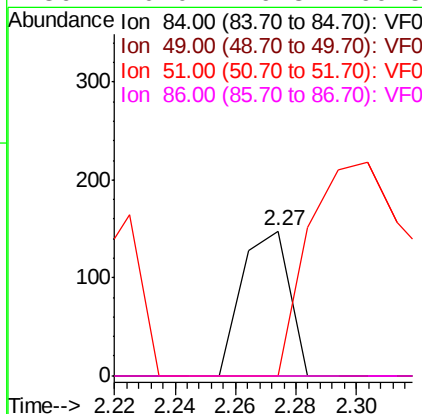
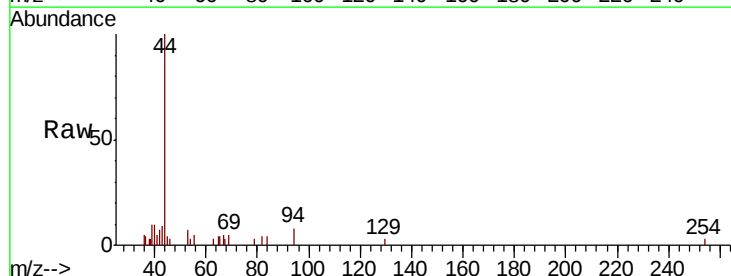
Tot Ion: 73 Resp: 96
 Ion Ratio Lower Upper
 73 100
 57 81.5 14.5 21.7#

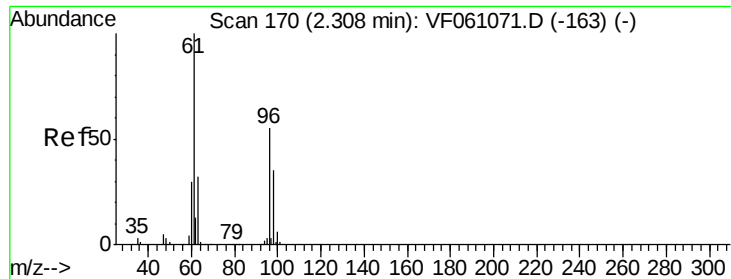


#20

Methylene Chloride
 Concen: 57.341 ug/l
 RT: 2.27 min Scan# 167
 Delta R.T. 0.02 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

Tgt Ion: 84 Resp: 163
 Ion Ratio Lower Upper
 84 100
 49 0.0 129.4 194.2#
 51 0.0 44.0 66.0#
 86 0.0 46.3 69.5#





#21

trans-1,2-Dichloroethene

Concen: 44.245 ug/l

RT: 2.28 min Scan# 168

Delta R.T. -0.02 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

CPIDW01-121218-N

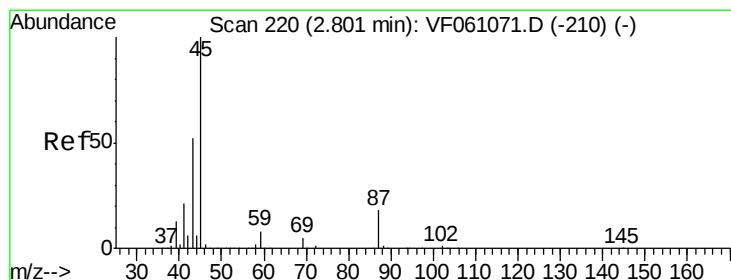
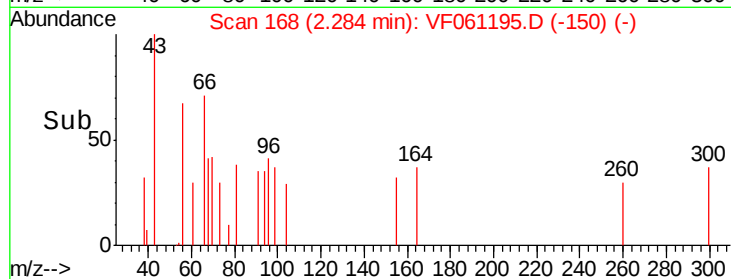
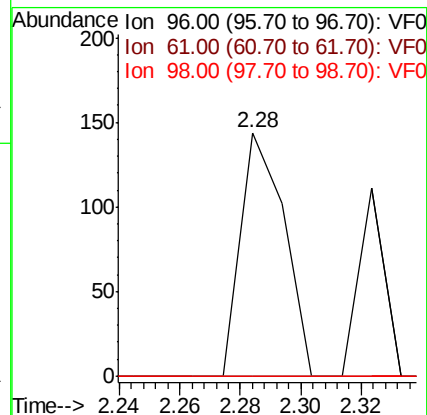
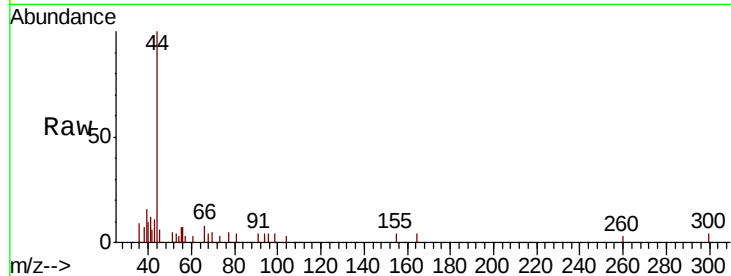
Tot Ion: 96 Resp: 146

Ion Ratio Lower Upper

96 100

61 0.0 146.0 219.0#

98 91.7 51.6 77.4#



#22

Diisopropyl ether

Concen: 103.040 ug/l

RT: 2.81 min Scan# 221

Delta R.T. 0.01 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Tgt Ion: 45 Resp: 1102

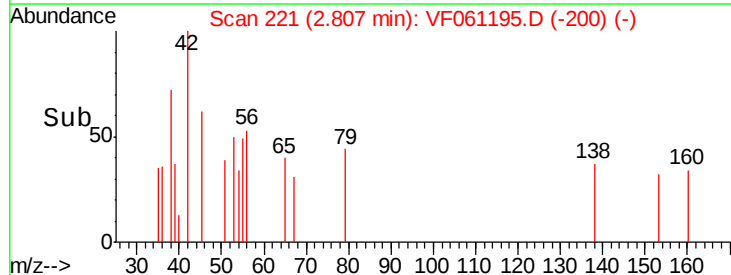
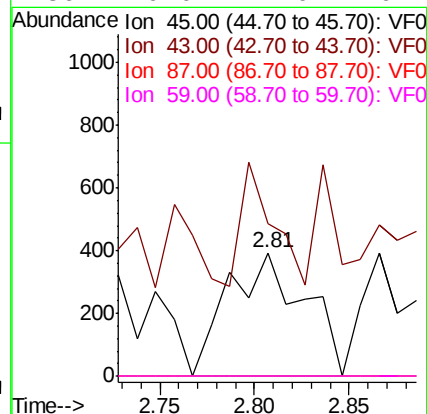
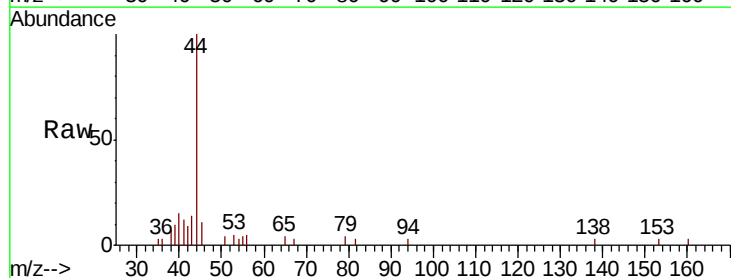
Ion Ratio Lower Upper

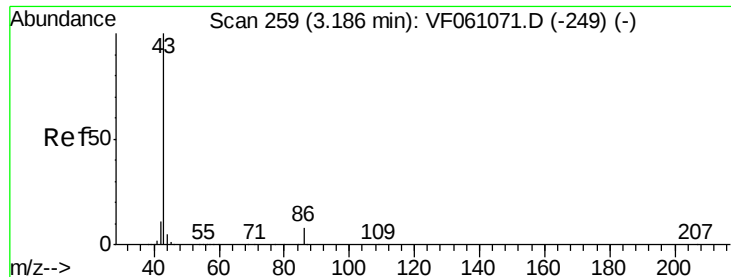
45 100

43 123.9 42.2 63.2#

87 0.0 14.6 22.0#

59 0.0 7.0 10.4#





#23

Vinyl Acetate

Concen: 245.044 ug/l

RT: 3.18 min Scan# 259

Delta R.T. -0.00 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

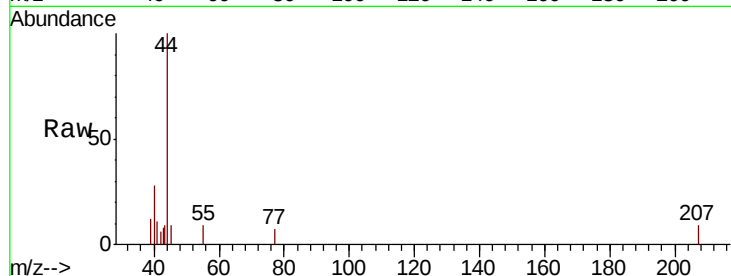
CPIDW01-121218-N

Tot Ion: 43 Resp: 1209

Ion Ratio Lower Upper

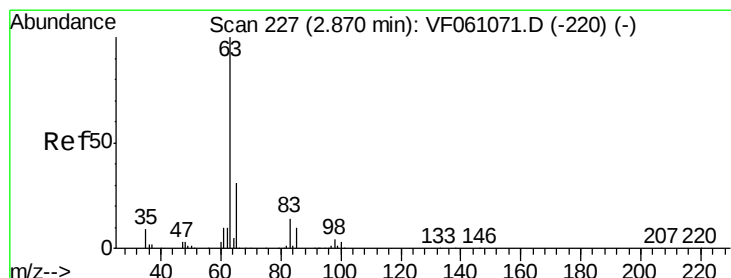
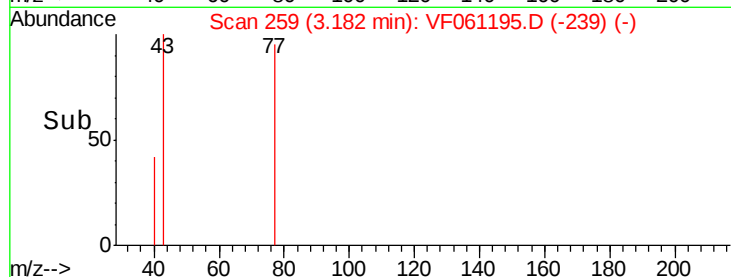
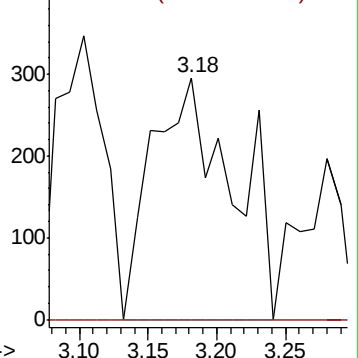
43 100

86 0.0 6.3 9.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 16.255 ug/l

RT: 2.88 min Scan# 228

Delta R.T. 0.01 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

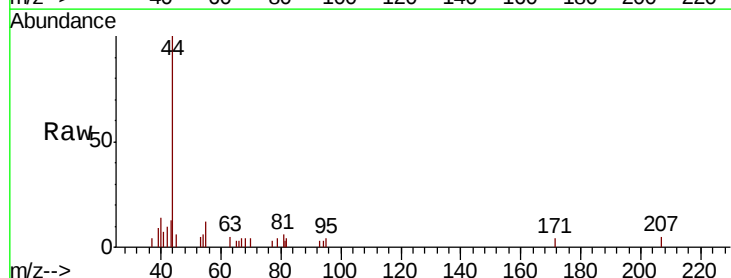
Tgt Ion: 63 Resp: 103

Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.5#

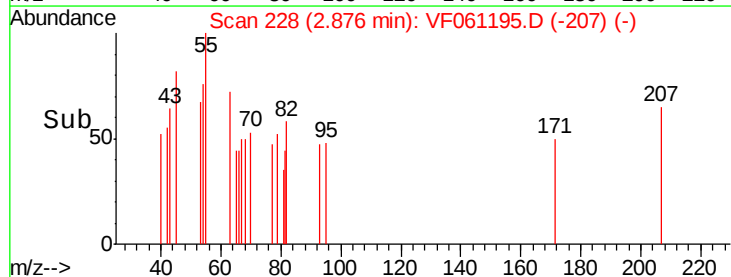
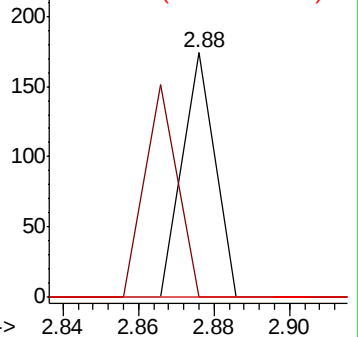
100 0.0 1.7 5.1#

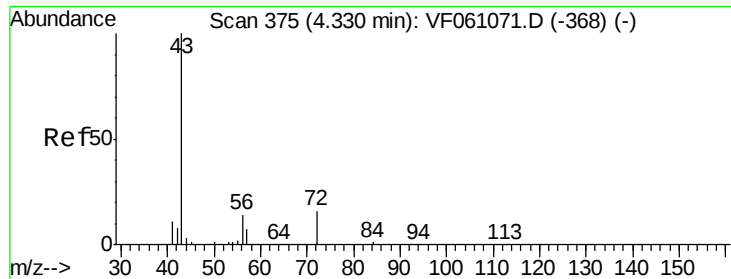


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 60.980 ug/l

RT: 4.30 min Scan# 372

Delta R.T. -0.03 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

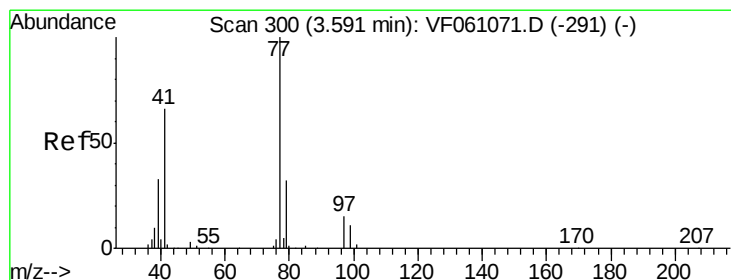
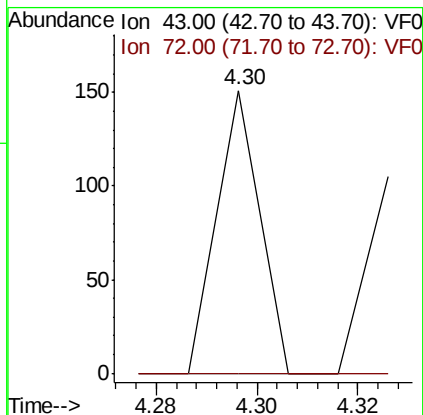
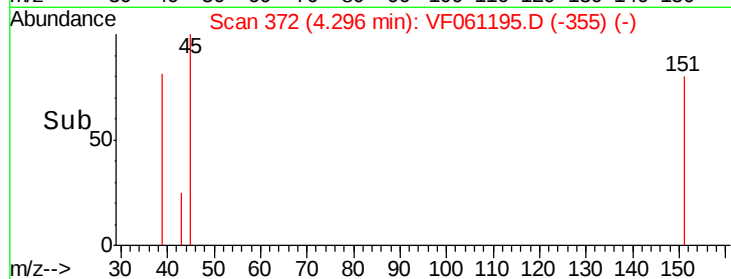
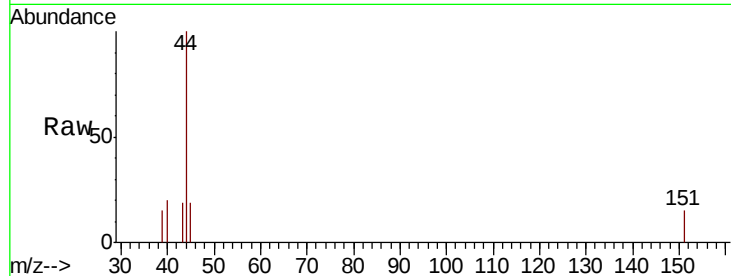
CPIDW01-121218-N

Tot Ion: 43 Resp: 89

Ion Ratio Lower Upper

43 100

72 0.0 15.6 23.4#



#26

2,2-Dichloropropane

Concen: 21.999 ug/l

RT: 3.62 min Scan# 303

Delta R.T. 0.03 min

Lab File: VF061195.D

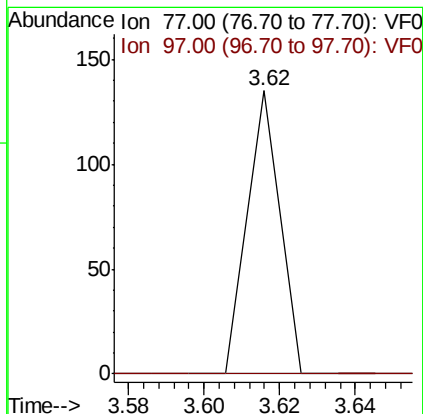
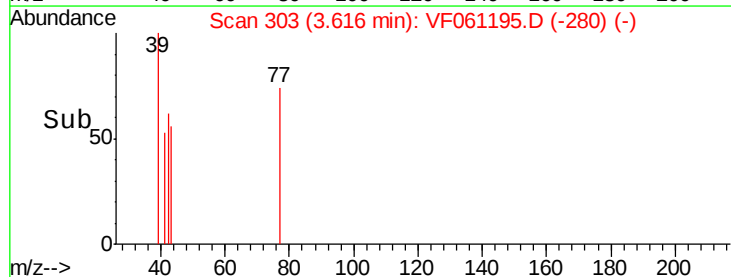
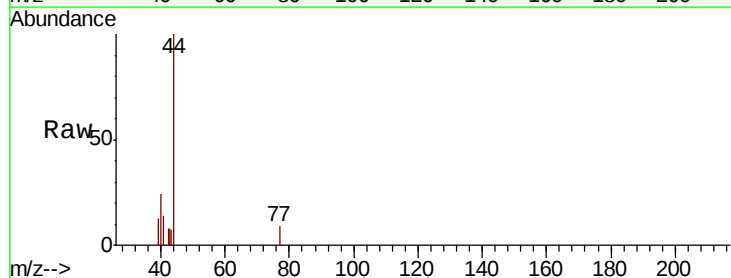
Acq: 26 Dec 2018 18:30

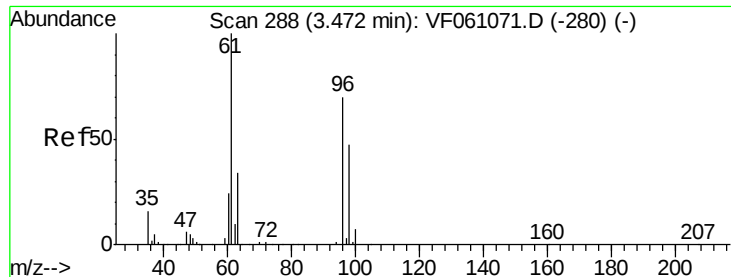
Tgt Ion: 77 Resp: 80

Ion Ratio Lower Upper

77 100

97 0.0 8.2 24.4#



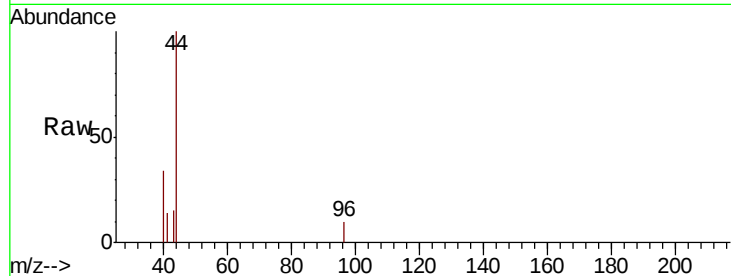


#27

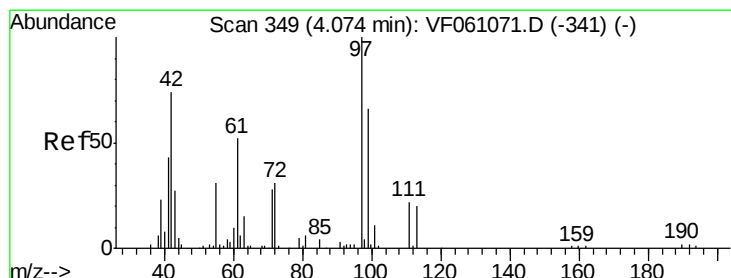
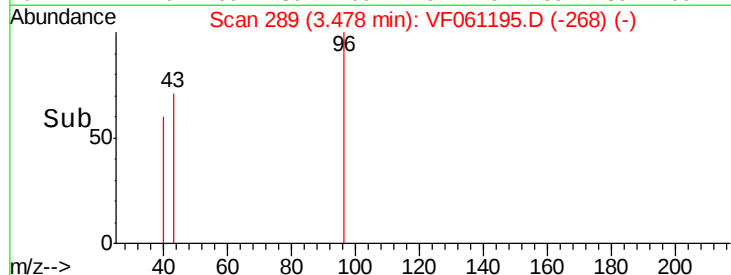
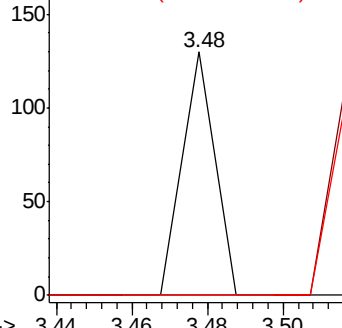
cis-1,2-Dichloroethene
 Concen: 15.242 ug/l
 RT: 3.48 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

Instrument :
 MSVOA_F
 ClientSampleId :
 CPIDW01-121218-N

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	287.8
98	0.0	0.0	134.2



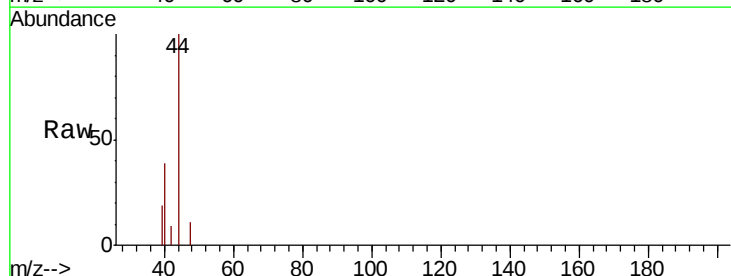
Abundance Ion 96.00 (95.70 to 96.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



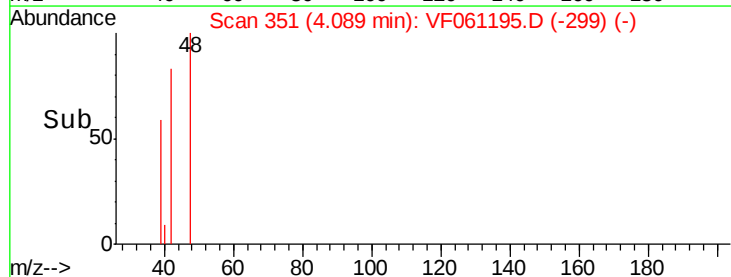
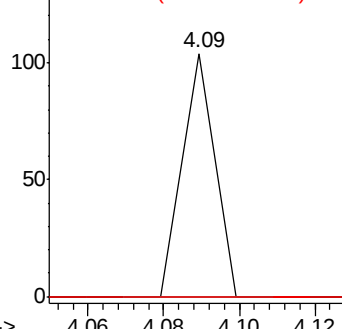
#29

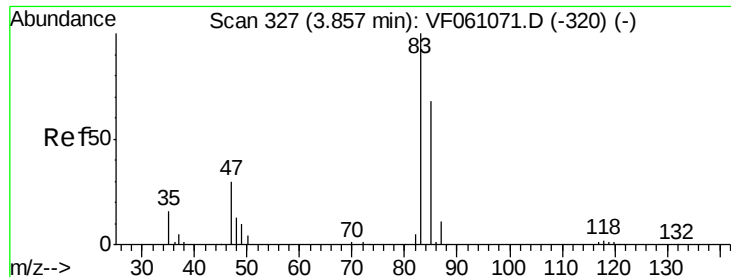
Tetrahydrofuran
 Concen: 104.372 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. 0.02 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	0.0	29.7	44.5#



Abundance Ion 42.00 (41.70 to 42.70): VF0
 Ion 72.00 (71.70 to 72.70): VF0
 Ion 71.00 (70.70 to 71.70): VF0

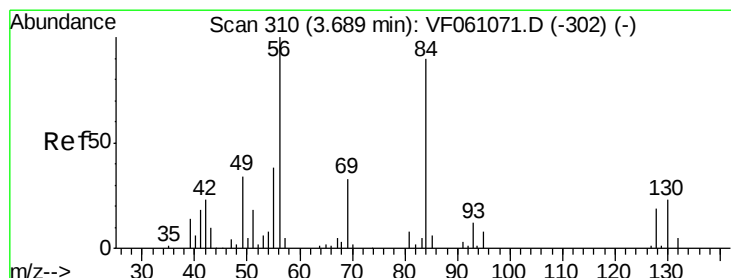
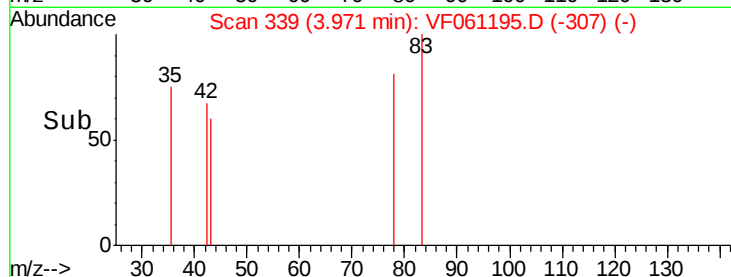
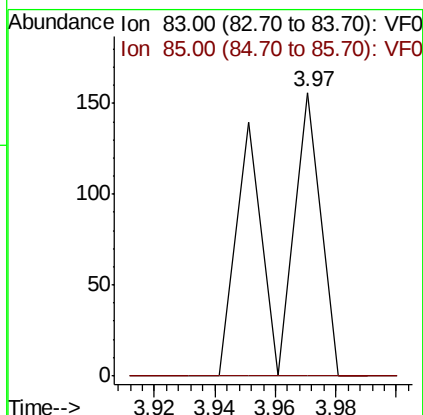
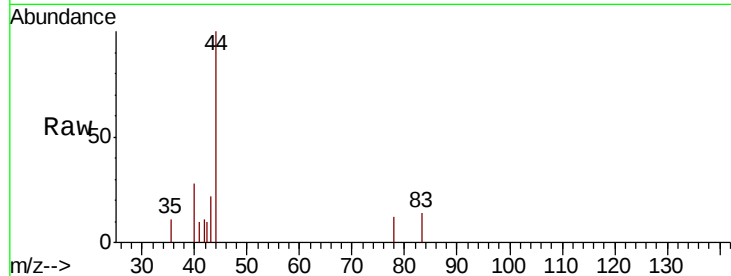




#30
Chloroform
Concen: 18.418 ug/l
RT: 3.97 min Scan# 339
Delta R.T. 0.11 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

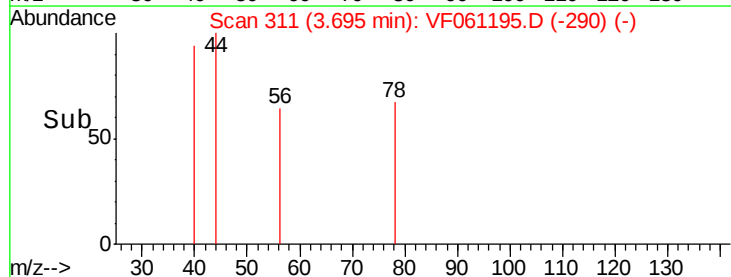
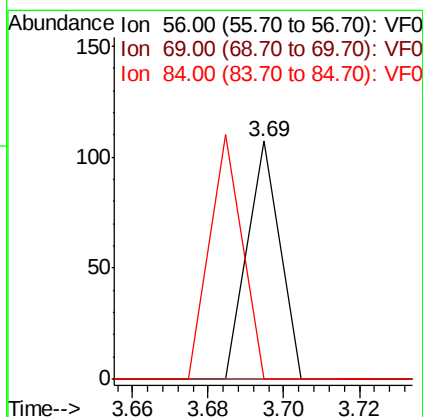
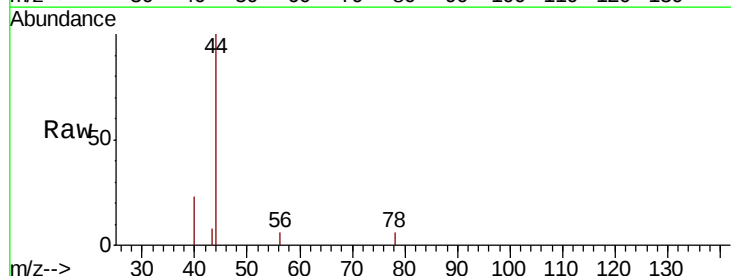
Instrument :
MSVOA_F
ClientSampleId :
CPIDW01-121218-N

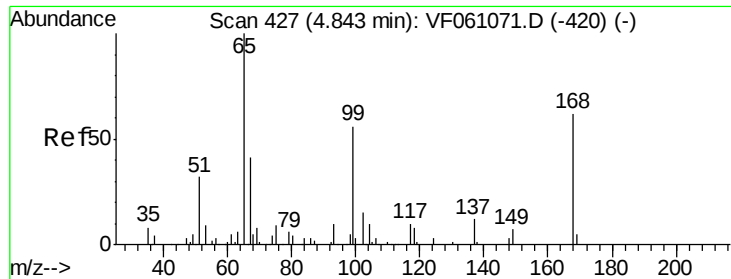
Tot Ion: 83 Resp: 175
Ion Ratio Lower Upper
83 100
85 0.0 54.5 81.7#



#31
Cyclohexane
Concen: 9.581 ug/l
RT: 3.69 min Scan# 311
Delta R.T. 0.01 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
69 0.0 26.0 39.0#
84 0.0 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 17.327 ug/l

RT: 4.80 min Scan# 423

Delta R.T. -0.04 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

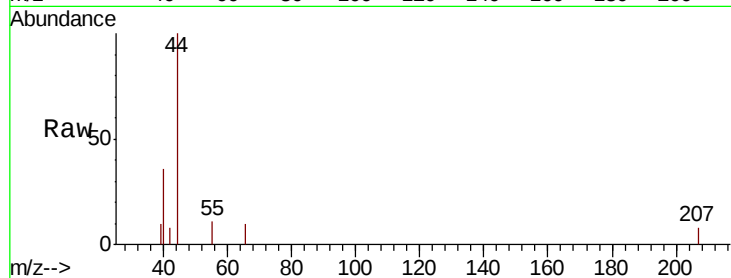
CPIDW01-121218-N

Tot Ion: 65 Resp: 78

Ion Ratio Lower Upper

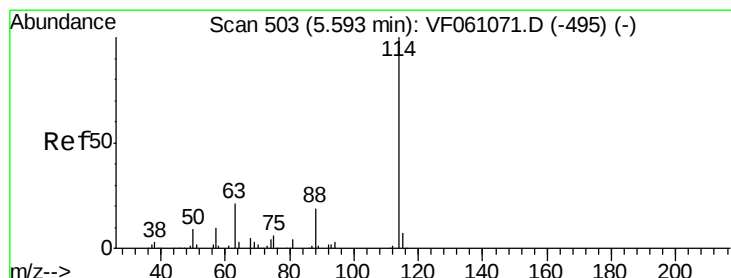
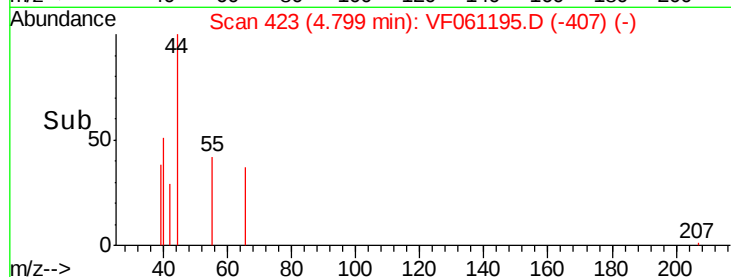
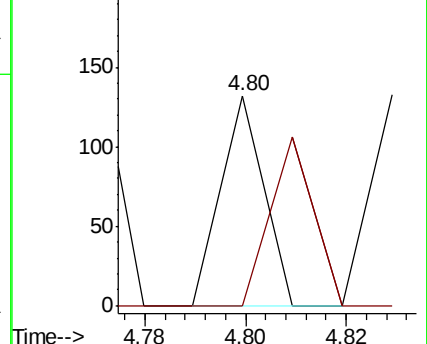
65 100

67 0.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

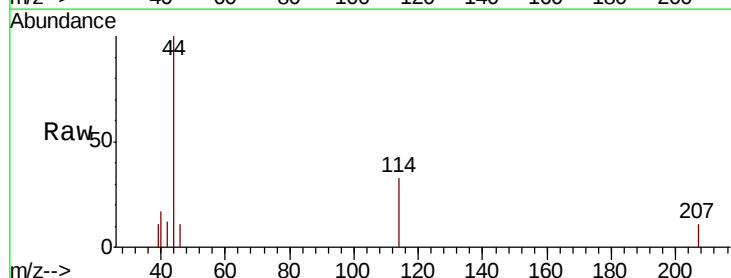
Tgt Ion: 114 Resp: 550

Ion Ratio Lower Upper

114 100

63 0.0 0.0 41.6

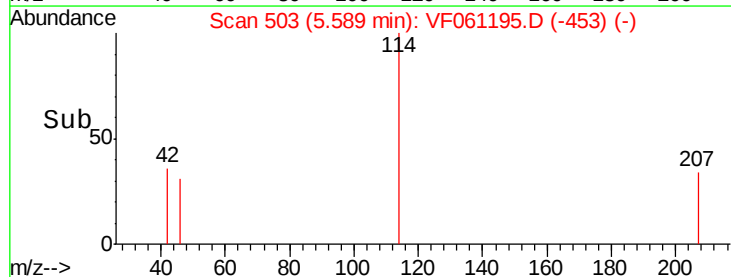
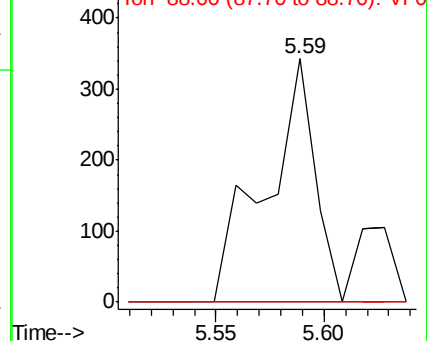
88 0.0 0.0 38.0

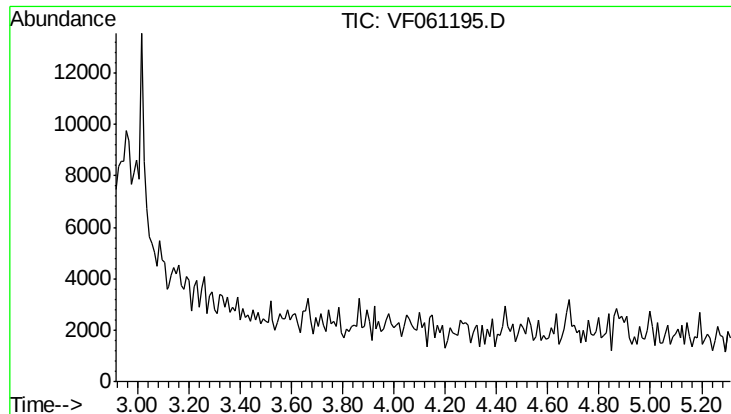


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

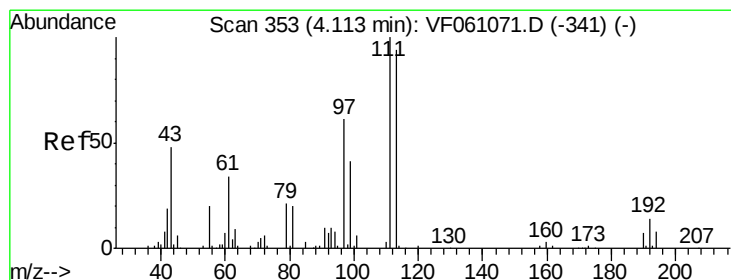
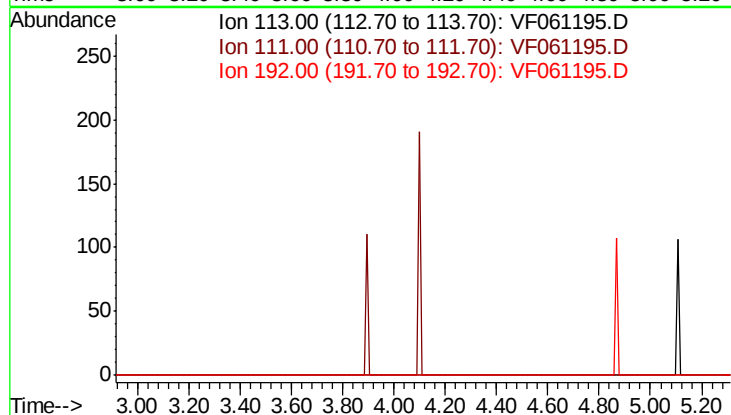




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.11 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

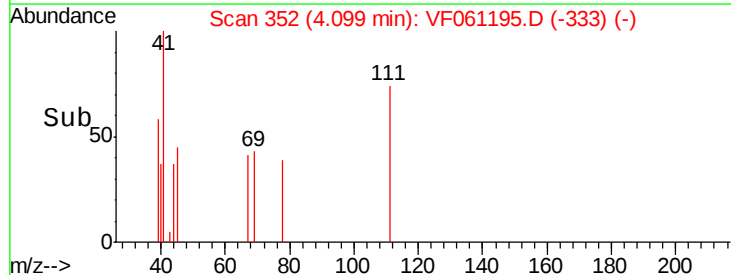
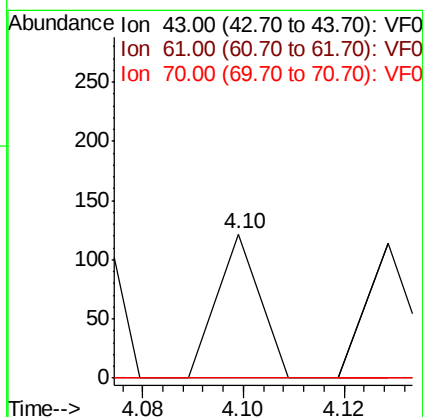
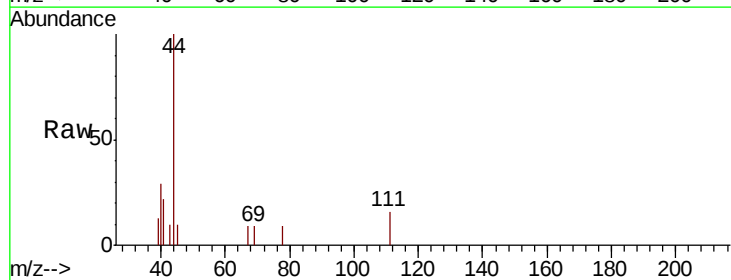
Instrument :
 MSVOA_F
 ClientSampleId :
 CPIDW01-121218-N

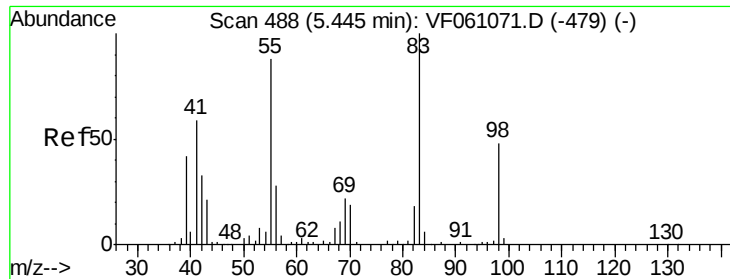
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 106.5
 192 16.0



#37
 Ethyl Acetate
 Concen: 25.642 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

Tgt Ion: 43 Resp: 72
 Ion Ratio Lower Upper
 43 100
 61 0.0 56.6 84.8#
 70 0.0 6.3 9.5#

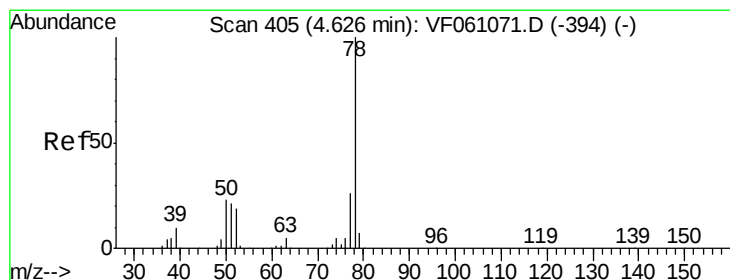
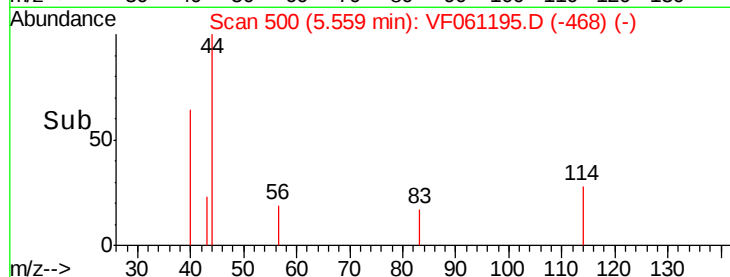
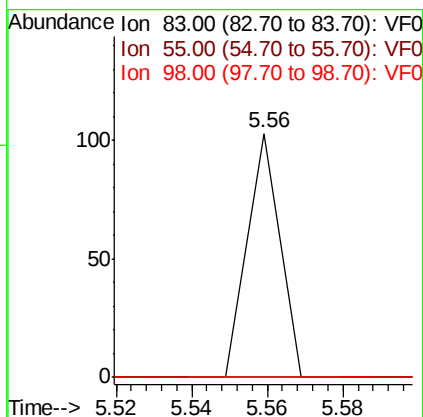
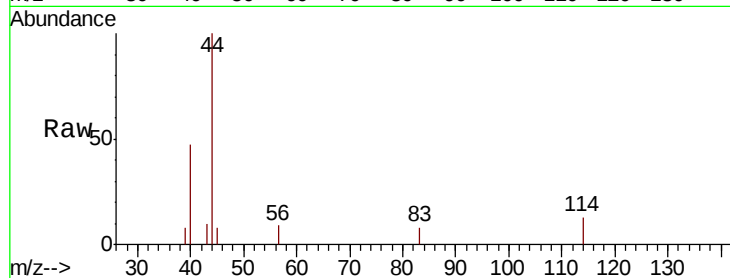




#39
Methvlcvclohexane
Concen: 10.242 ug/l
RT: 5.56 min Scan# 500
Delta R.T. 0.11 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

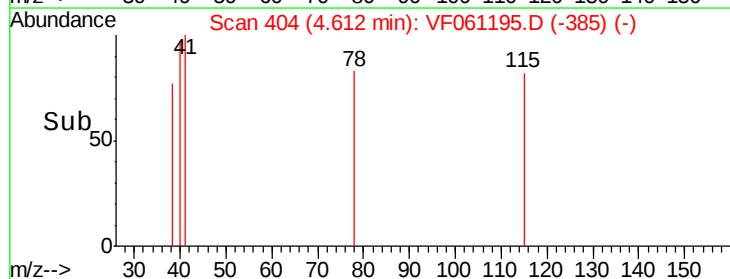
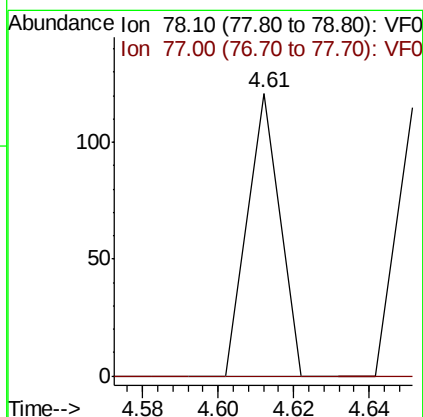
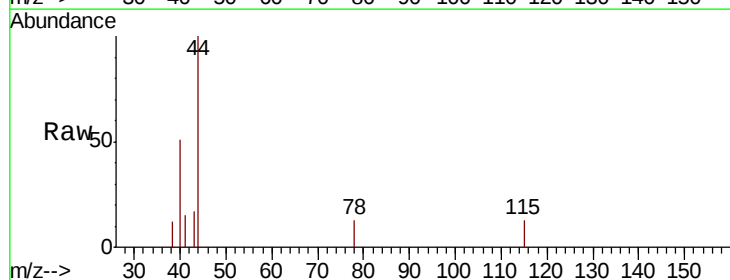
Instrument :
MSVOA_F
ClientSampleId :
CPIDW01-121218-N

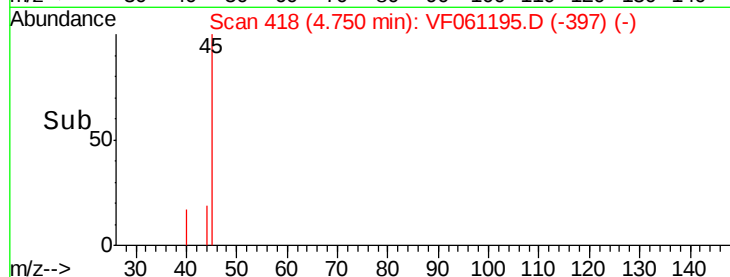
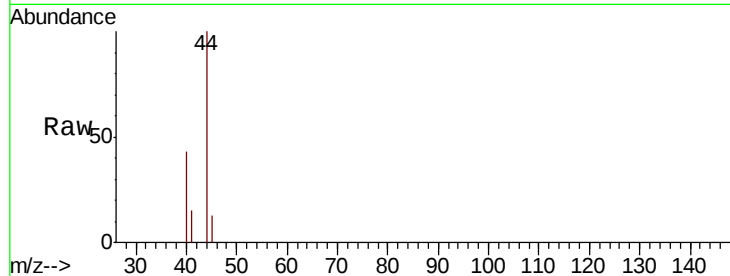
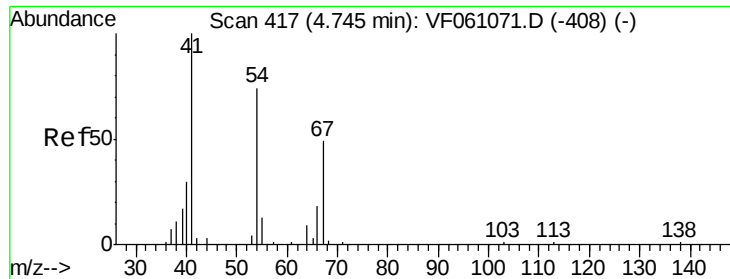
Tot Ion: 83 Resp: 61
Ion Ratio Lower Upper
83 100
55 0.0 70.6 105.8#
98 0.0 38.5 57.7#



#40
Benzene
Concen: 5.043 ug/l
RT: 4.61 min Scan# 404
Delta R.T. -0.01 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

Tgt Ion: 78 Resp: 72
Ion Ratio Lower Upper
78 100
77 0.0 20.7 31.1#

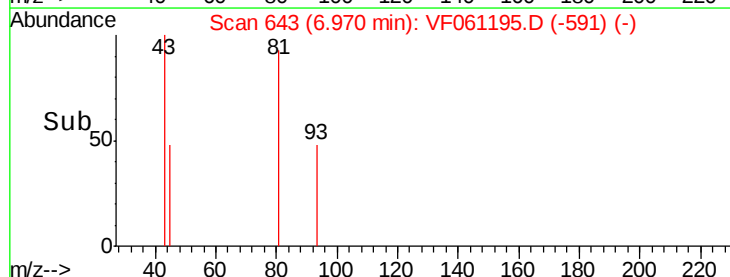
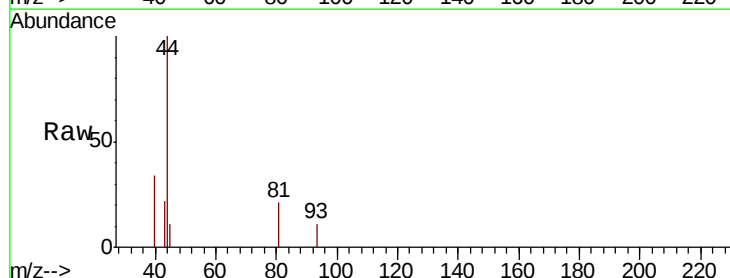
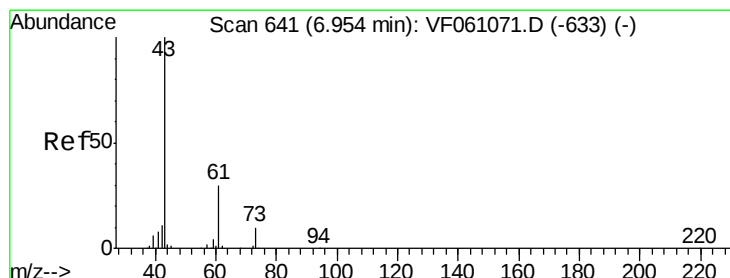
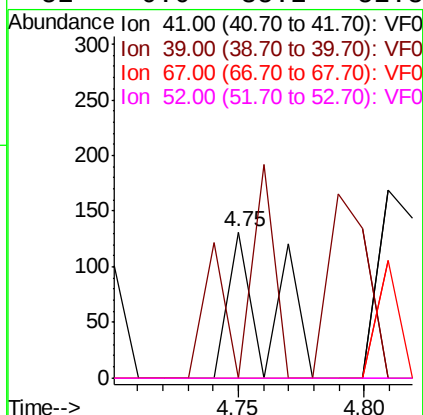




#41
Methacrylonitrile
Concen: 106.272 ug/l
RT: 4.75 min Scan# 418
Delta R.T. 0.01 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

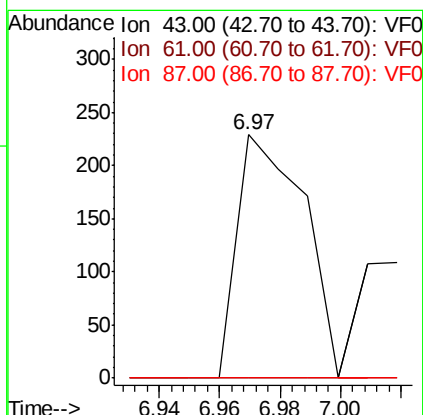
Instrument :
MSVOA_F
ClientSampleId :
CPIDW01-121218-N

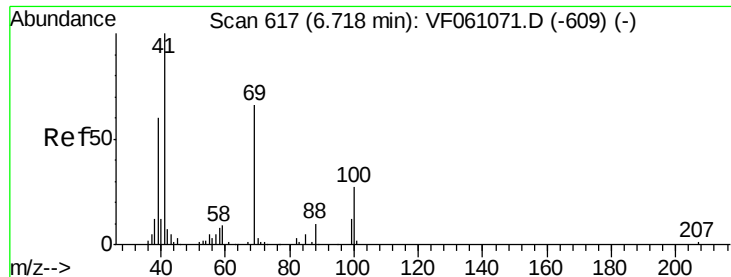
Tot Ion:	41	Resp:	149
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.7	68.5#
67	0.0	38.9	58.3#
52	0.0	35.2	52.8#



#43
Isopropyl Acetate
Concen: 110.120 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.02 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

Tgt Ion:	43	Resp:	353
Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.0	0.0

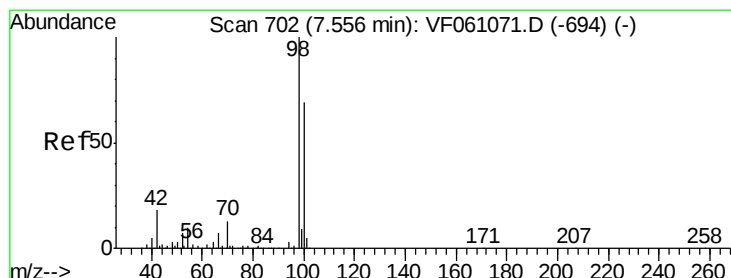
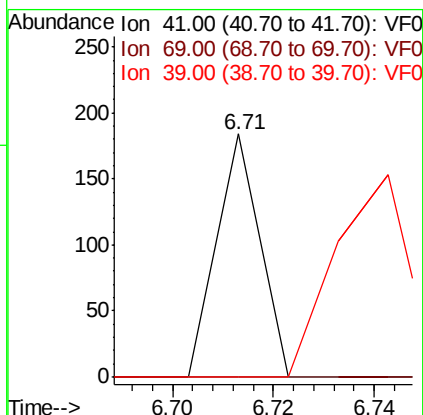
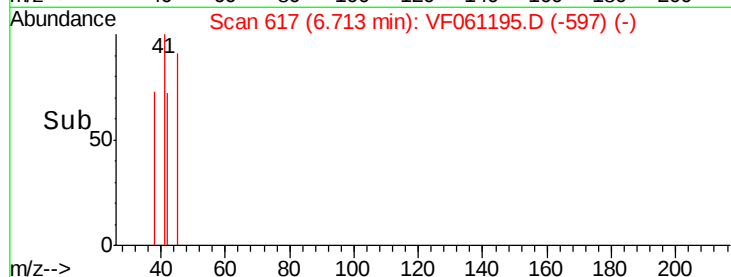
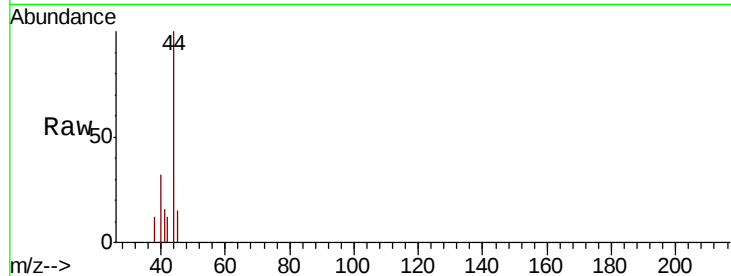




#48
Methyl methacrylate
Concen: 48.708 ug/l
RT: 6.71 min Scan# 617
Delta R.T. -0.00 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

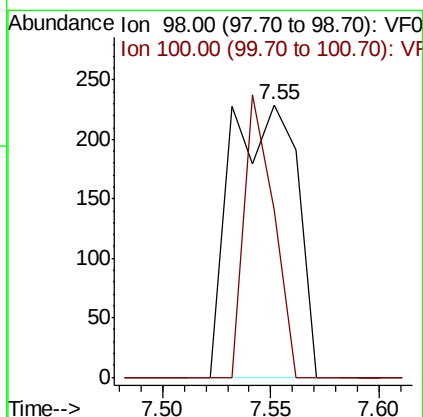
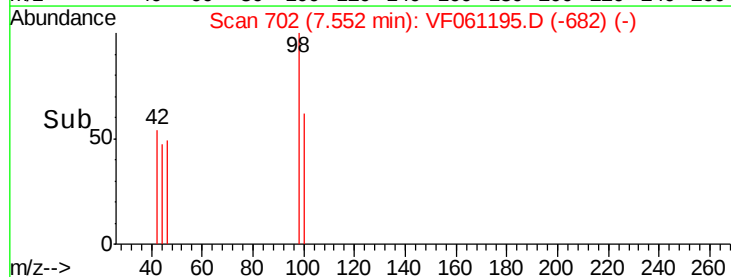
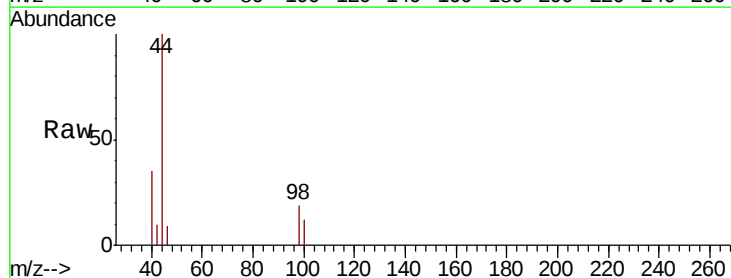
Instrument :
MSVOA_F
ClientSampleId :
CPIDW01-121218-N

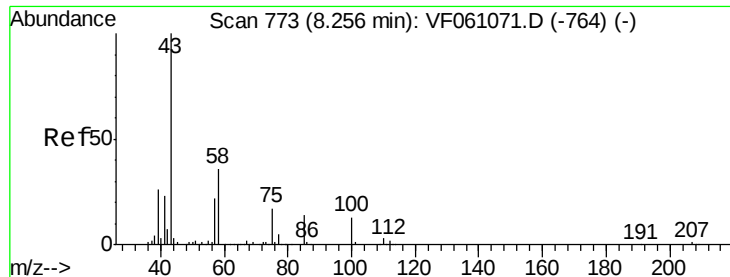
Tot Ion: 41 Resp: 109
Ion Ratio Lower Upper
41 100
69 0.0 52.7 79.1#
39 0.0 47.8 71.6#



#50
Toluene-d8
Concen: 39.165 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

Tgt Ion: 98 Resp: 489
Ion Ratio Lower Upper
98 100
100 61.6 55.3 82.9





#51

4-Methyl-2-Pentanone

Concen: 75.962 ug/l

RT: 8.26 min Scan# 774

Delta R.T. 0.01 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

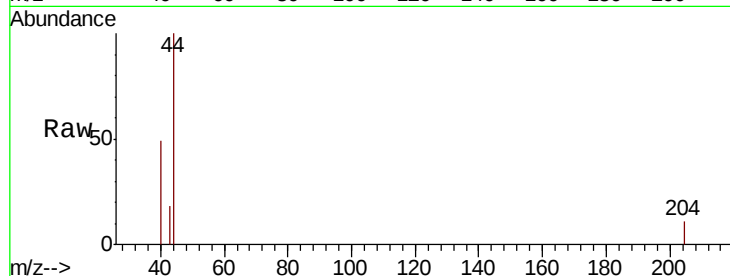
CPIDW01-121218-N

Tot Ion: 43 Resp: 167

Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.26

150

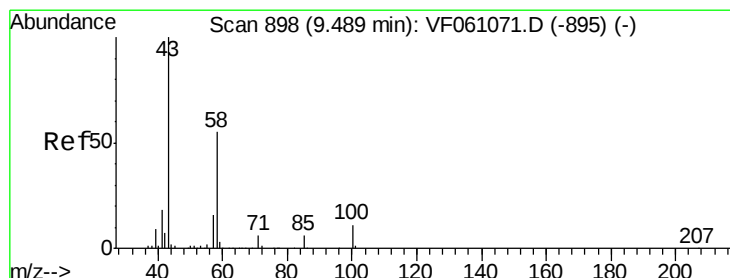
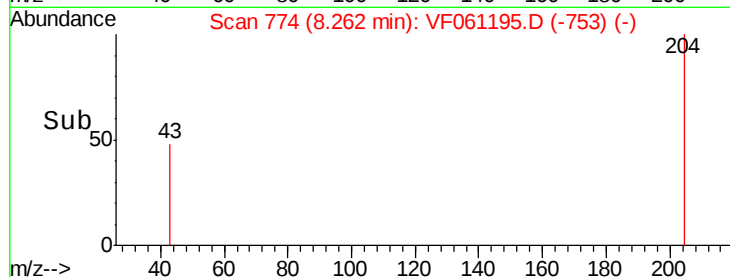
100

50

0

8.24 8.26 8.28

Time-->



#59

2-Hexanone

Concen: 41.513 ug/l

RT: 9.48 min Scan# 898

Delta R.T. -0.00 min

Lab File: VF061195.D

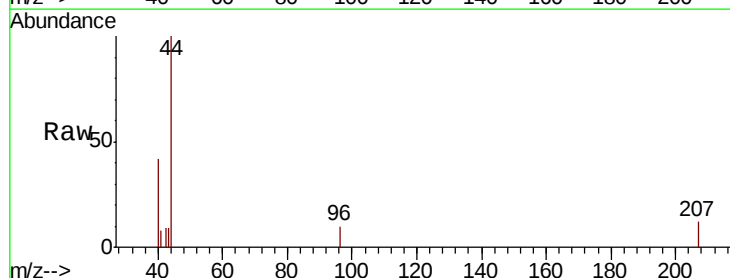
Acq: 26 Dec 2018 18:30

Tgt Ion: 43 Resp: 66

Ion Ratio Lower Upper

43 100

58 0.0 25.1 75.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.48

120

100

80

60

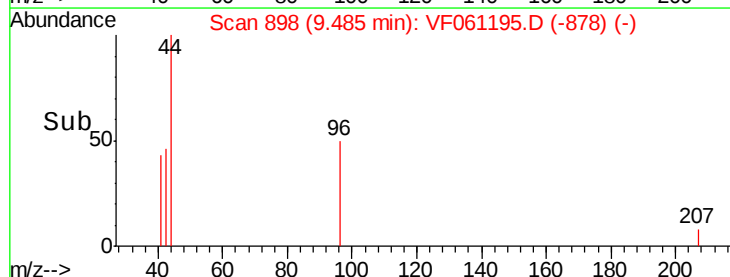
40

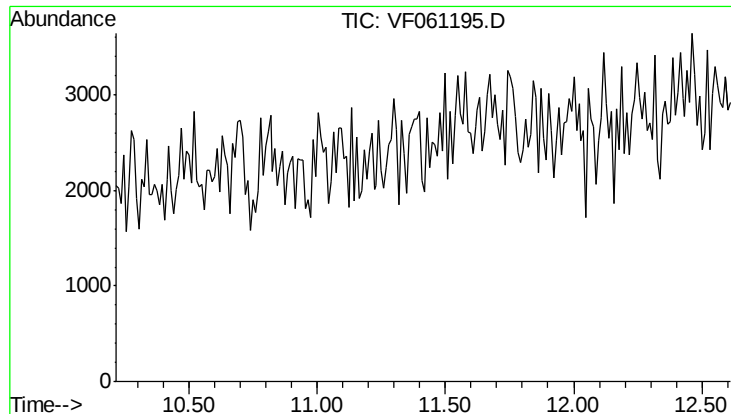
20

0

9.48 9.50

Time-->

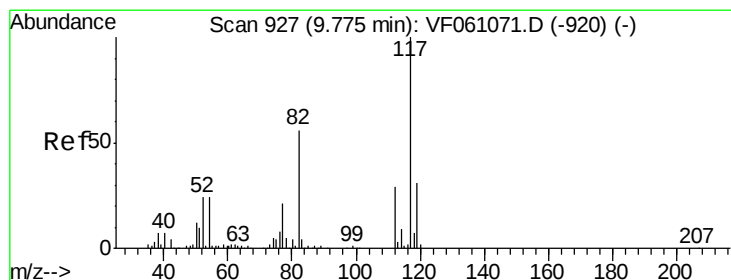
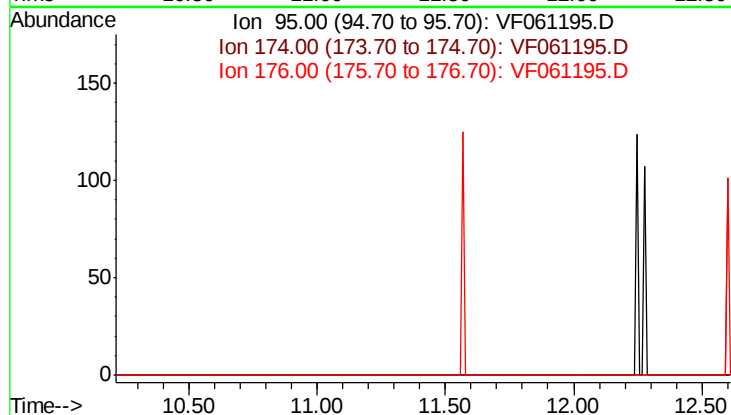




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.41 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

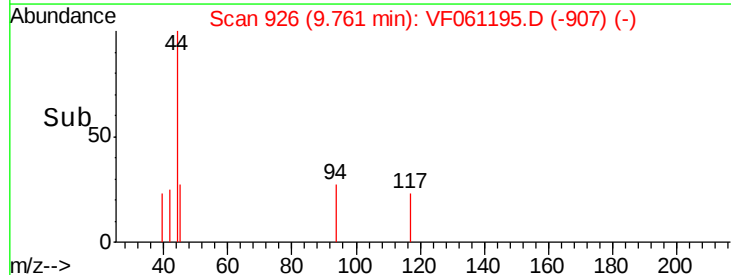
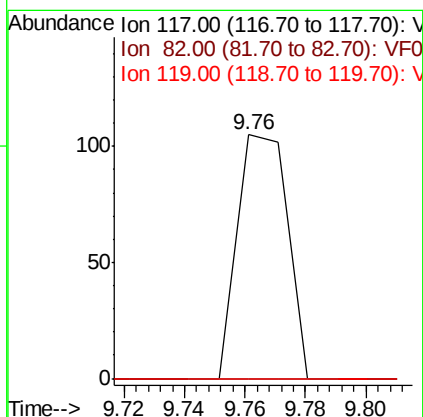
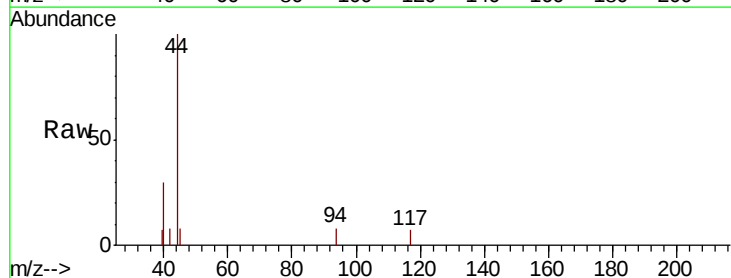
Instrument :
 MSVOA_F
 ClientSampleId :
 CPIDW01-121218-N

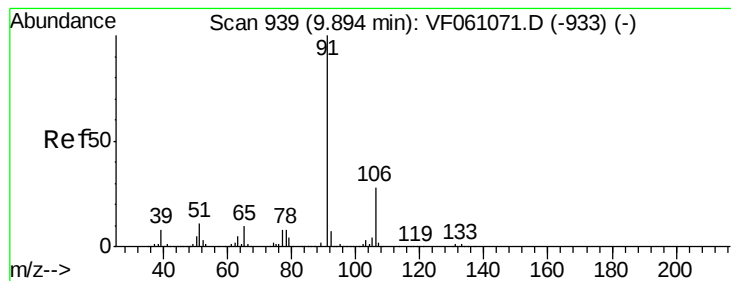
Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 71.9
 176 73.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.76 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: VF061195.D
 Acq: 26 Dec 2018 18:30

Tgt Ion:117 Resp: 123
 Ion Ratio Lower Upper
 117 100
 82 0.0 45.0 67.4#
 119 0.0 24.8 37.2#





#67

Ethyl Benzene

Concen: 17.929 ug/l

RT: 9.78 min Scan# 928

Delta R.T. -0.11 min

Lab File: VF061195.D

Acq: 26 Dec 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

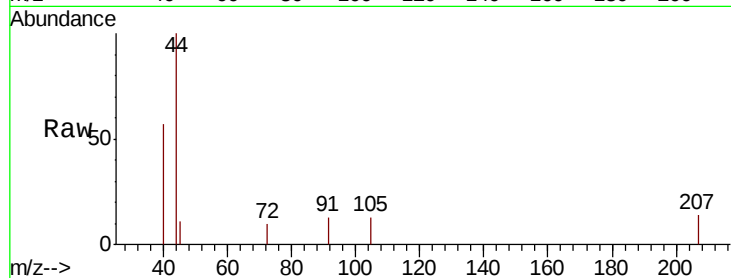
CPIDW01-121218-N

Tot Ion: 91 Resp: 83

Ion Ratio Lower Upper

91 100

106 0.0 22.5 33.7#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

9.78

150

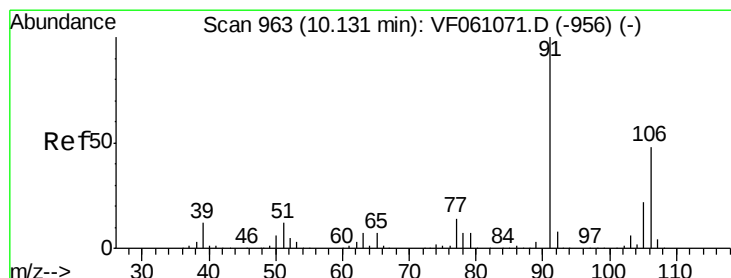
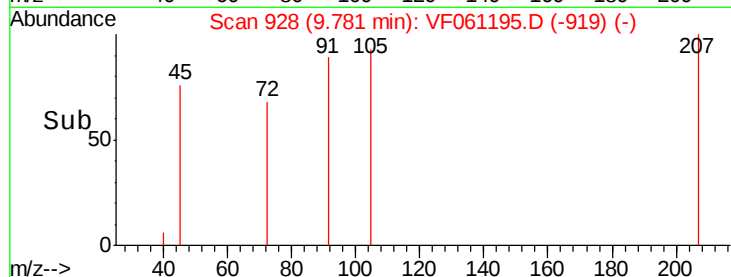
100

50

0

9.76 9.78 9.80

Time-->



#68

m/p-Xylenes

Concen: 42.967 ug/l

RT: 10.06 min Scan# 956

Delta R.T. -0.07 min

Lab File: VF061195.D

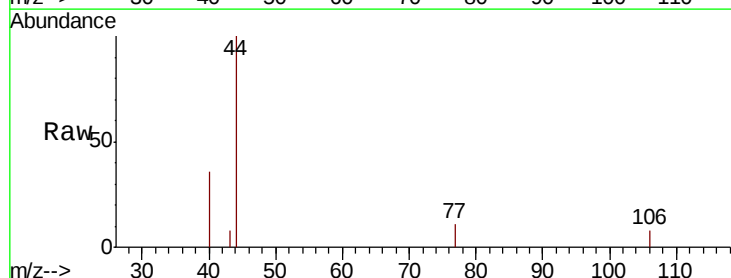
Acq: 26 Dec 2018 18:30

Tgt Ion:106 Resp: 70

Ion Ratio Lower Upper

106 100

91 0.0 168.2 252.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

10.06

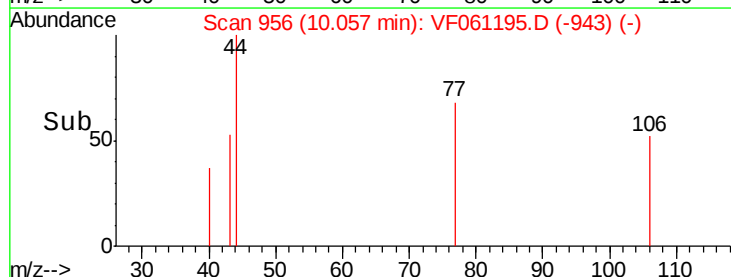
100

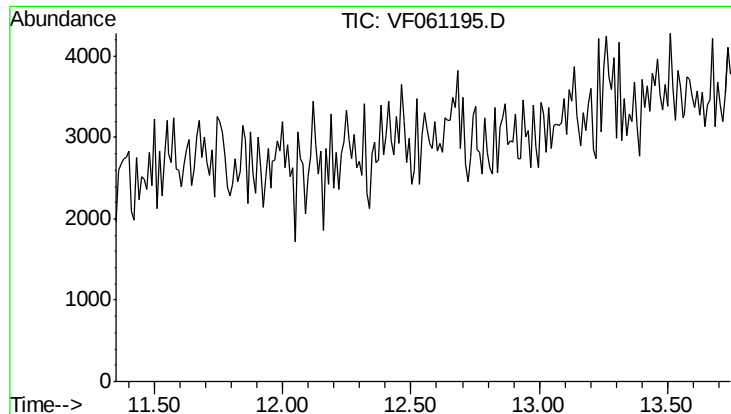
50

0

10.02 10.04 10.06 10.08

Time-->





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.55 min
Lab File: VF061195.D
Acq: 26 Dec 2018 18:30

Instrument :
MSVOA_F
ClientSampleId :
CPIDW01-121218-N

Tot Ion	152
Sig	Exp Ratio
152	100
115	66.6
150	164.1

