

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061872.D
 Acq On : 8 Mar 2019 19:44
 Operator : VA/AP
 Sample : K1807-15
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8

Quant Time: Mar 09 01:47:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	3768	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	4301	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	2318	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	566	20.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.26%	
35) Dibromofluoromethane	4.09	113	1272	42.38	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	84.76%	
50) Toluene-d8	7.53	98	4632	51.92	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.41	95	1401	40.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.92	85	92	1.989	ug/l #	47
3) Chloromethane	1.10	50	218	4.863	ug/l #	45
4) Vinyl Chloride	1.23	62	84	1.974	ug/l #	1
5) Bromomethane	1.35	94	530	18.273	ug/l #	3
6) Chloroethane	1.41	64	69	3.411	ug/l #	41
9) 1,1,2-Trichlorotrifluoroet	1.91	101	59	1.671	ug/l #	21
12) 1,1-Dichloroethene	1.78	96	138	4.282	ug/l #	1
13) Acrolein	2.07	56	109	55.232	ug/l #	39
14) Allyl chloride	2.08	41	1365	38.449	ug/l #	50
15) Acrylonitrile	2.98	53	909	183.287	ug/l #	69
16) Acetone	2.25	43	444	77.245	ug/l #	50
18) Methyl Acetate	2.37	43	1270	99.179	ug/l #	62
19) Methyl tert-butyl Ether	2.44	73	66	1.211	ug/l #	56
20) Methylene Chloride	2.18	84	151	Below Cal	#	55
21) trans-1,2-Dichloroethene	2.30	96	61	2.011	ug/l #	1
22) Diisopropyl ether	2.78	45	412	4.461	ug/l #	1
23) Vinyl Acetate	3.16	43	541	13.113	ug/l #	76
24) 1,1-Dichloroethane	2.79	63	127	2.301	ug/l #	85
25) 2-Butanone	4.30	43	288	24.633	ug/l #	56
26) 2,2-Dichloropropane	3.65	77	71	2.881	ug/l #	55
27) cis-1,2-Dichloroethene	3.47	96	207	4.926	ug/l	1
29) Tetrahydrofuran	4.06	42	82	16.262	ug/l #	33
31) Cyclohexane	3.67	56	76	1.315	ug/l #	15
36) 1,1-Dichloropropene	4.11	75	69	1.698	ug/l #	41
37) Ethyl Acetate	4.09	43	214	12.549	ug/l #	20
41) Methacrylonitrile	4.75	41	92	9.847	ug/l #	24
43) Isopropyl Acetate	6.95	43	141	6.708	ug/l #	42
44) Trichloroethene	5.58	130	60	1.818	ug/l	4
45) 1,2-Dichloropropane	6.22	63	71	2.812	ug/l #	45
48) Methyl methacrylate	6.76	41	108	8.118	ug/l #	18
51) 4-Methyl-2-Pentanone	8.22	43	304	20.925	ug/l #	35
53) t-1,3-Dichloropropene	8.16	75	67	2.312	ug/l #	40
56) Ethyl methacrylate	8.55	69	70	3.431	ug/l #	24
59) 2-Hexanone	9.50	43	62	5.916	ug/l #	22

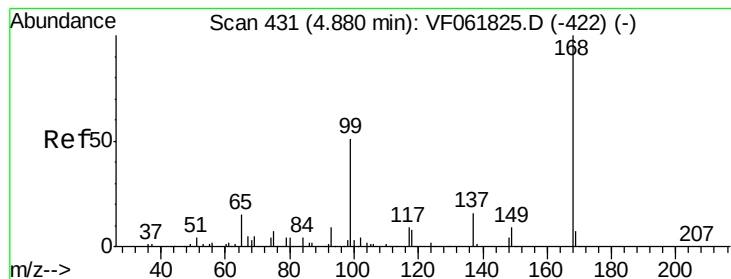
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030819\
Data File : VF061872.D
Acq On : 8 Mar 2019 19:44
Operator : VA/AP
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Quant Time: Mar 09 01:47:01 2019
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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	11.37	43	91	6.779	ug/l #	42

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

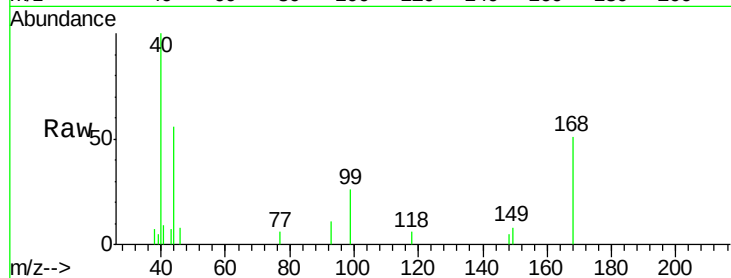
TP-8

Tot Ion:168 Resp: 3768

Ion Ratio Lower Upper

168 100

99 51.7 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

1000

800

600

400

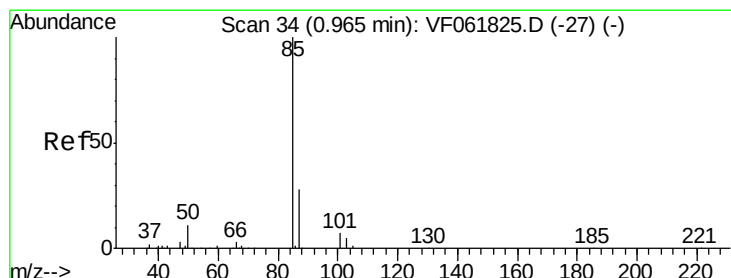
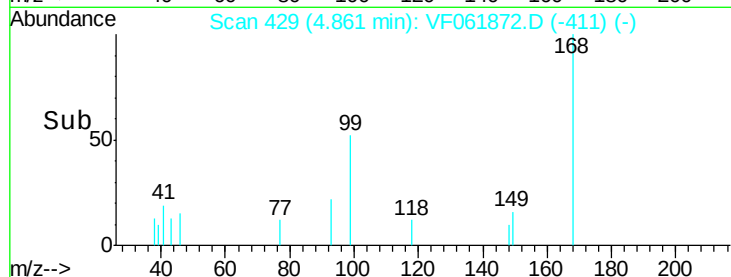
200

0

4.80

4.90

Time-->



#2

Dichlorodifluoromethane

Concen: 1.989 ug/l

RT: 0.92 min Scan# 29

Delta R.T. -0.05 min

Lab File: VF061872.D

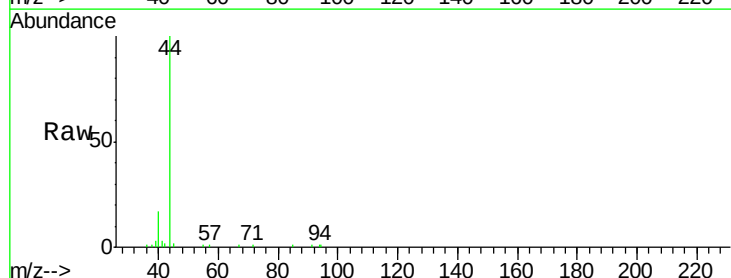
Acq: 8 Mar 2019 19:44

Tgt Ion: 85 Resp: 92

Ion Ratio Lower Upper

85 100

87 0.0 14.1 42.2#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.92

150

100

50

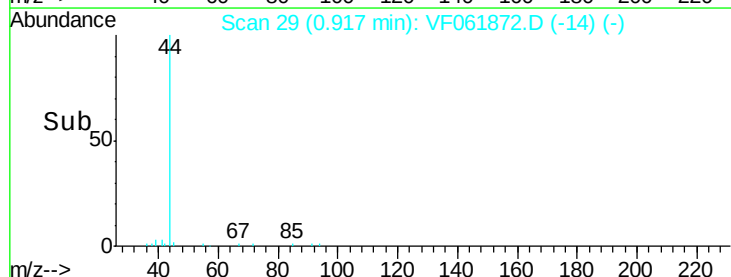
0

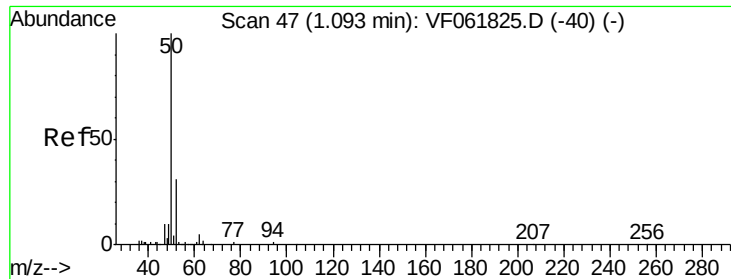
0.88

0.92

0.94

Time-->





#3

Chloromethane

Concen: 4.863 ug/l

RT: 1.10 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

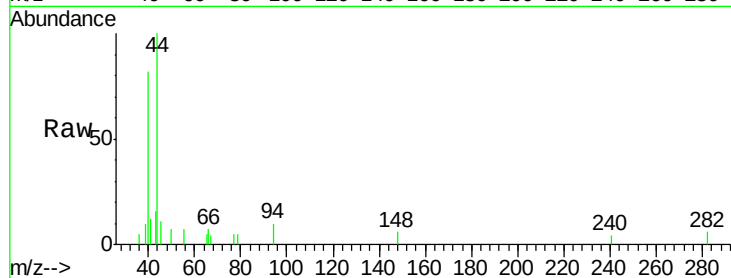
TP-8

Tot Ion: 50 Resp: 218

Ion Ratio Lower Upper

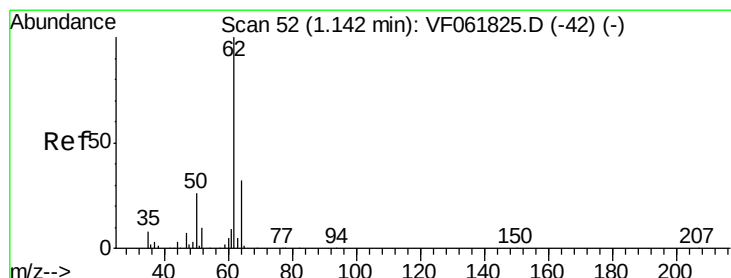
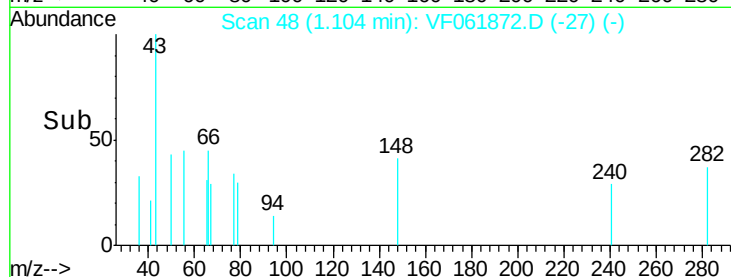
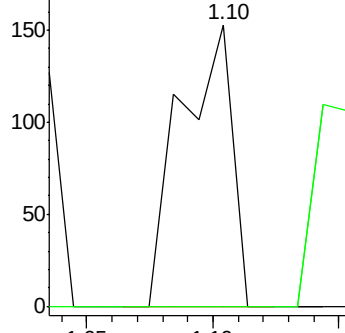
50 100

52 0.0 23.8 35.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 1.974 ug/l

RT: 1.23 min Scan# 61

Delta R.T. 0.09 min

Lab File: VF061872.D

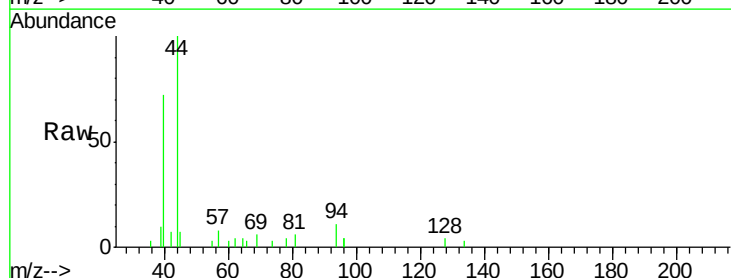
Acq: 8 Mar 2019 19:44

Tgt Ion: 62 Resp: 84

Ion Ratio Lower Upper

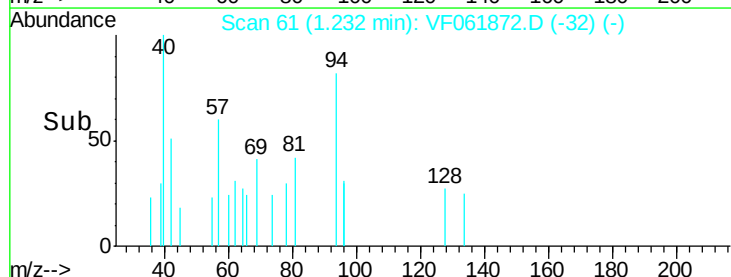
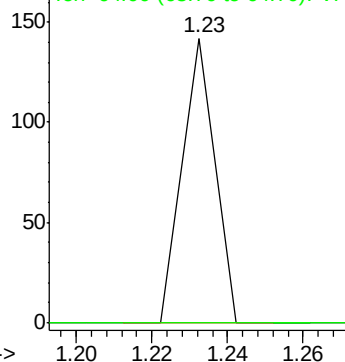
62 100

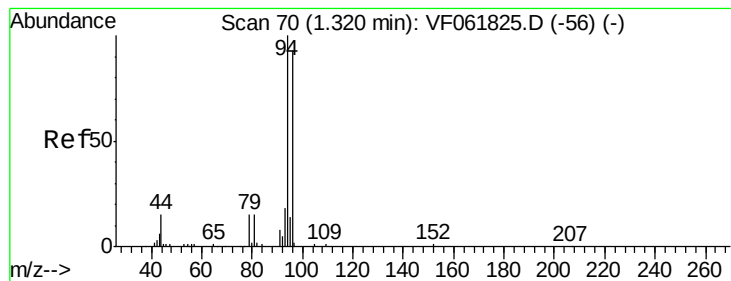
64 87.3 25.2 37.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 18.273 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.03 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampled :

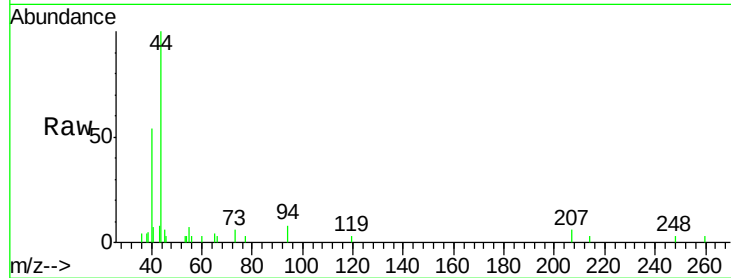
TP-8

Tot Ion: 94 Resp: 530

Ion Ratio Lower Upper

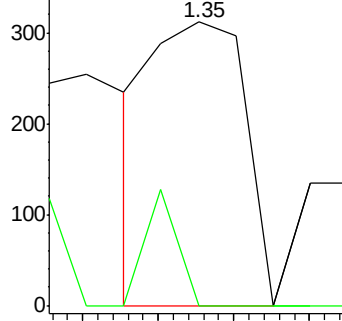
94 100

96 0.0 75.2 112.8#

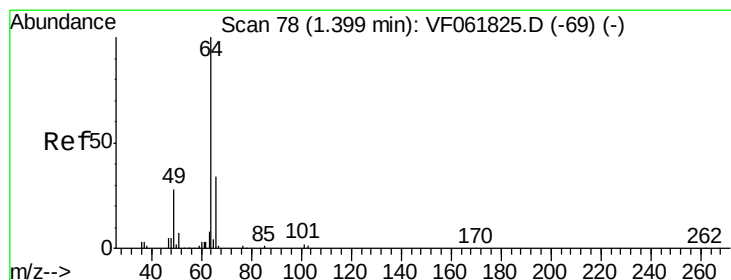
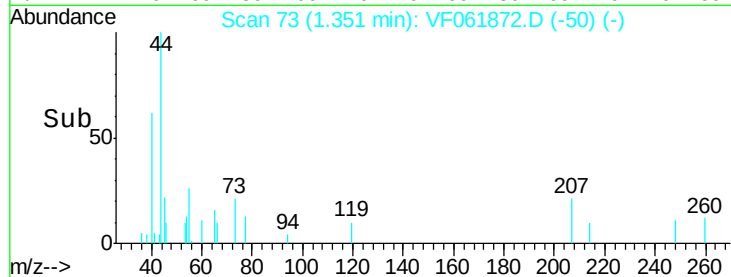


Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



Time-->



#6

Chloroethane

Concen: 3.411 ug/l

RT: 1.41 min Scan# 79

Delta R.T. 0.01 min

Lab File: VF061872.D

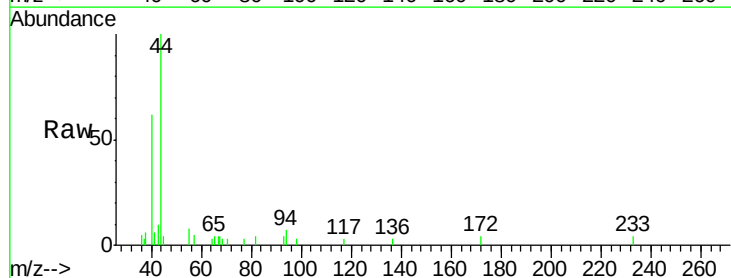
Acq: 8 Mar 2019 19:44

Tgt Ion: 64 Resp: 69

Ion Ratio Lower Upper

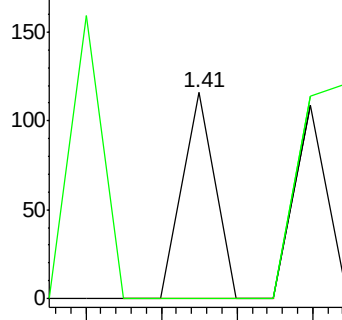
64 100

66 0.0 27.0 40.4#

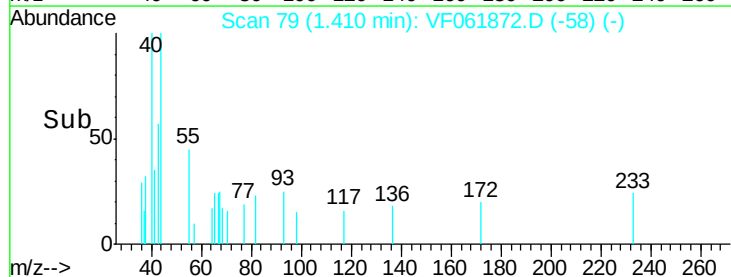


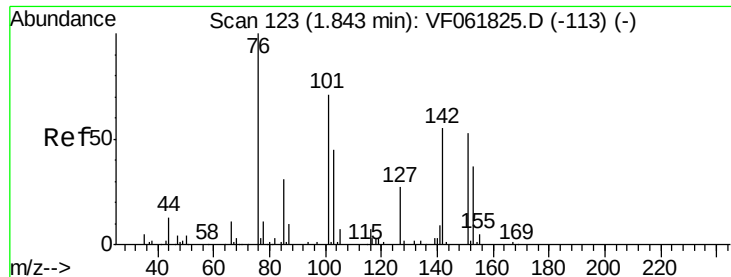
Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.671 ug/l

RT: 1.91 min Scan# 130

Delta R.T. 0.07 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampled :

TP-8

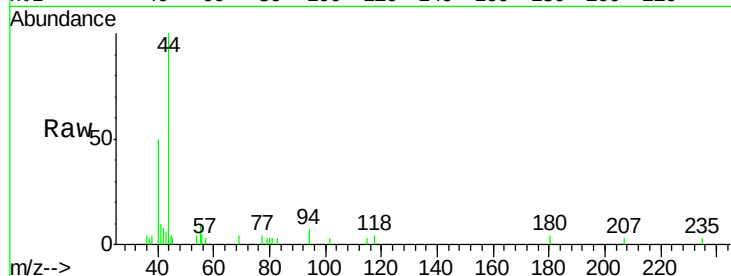
Tot Ion:101 Resp: 59

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

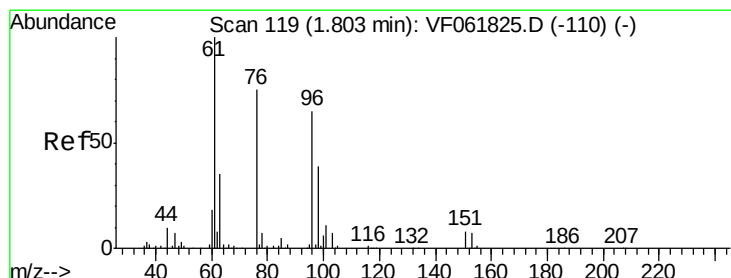
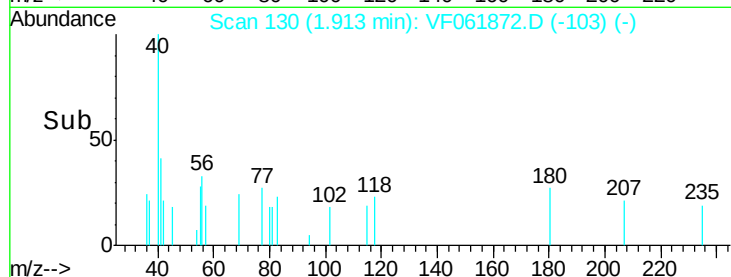
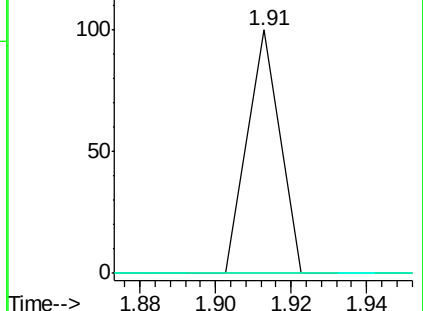
151 0.0 57.3 85.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.282 ug/l

RT: 1.78 min Scan# 117

Delta R.T. -0.02 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

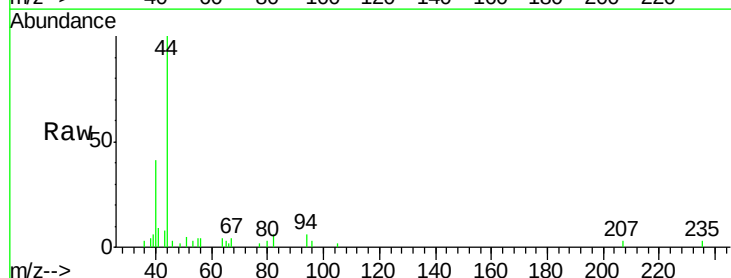
Tgt Ion: 96 Resp: 138

Ion Ratio Lower Upper

96 100

61 0.0 122.5 183.7#

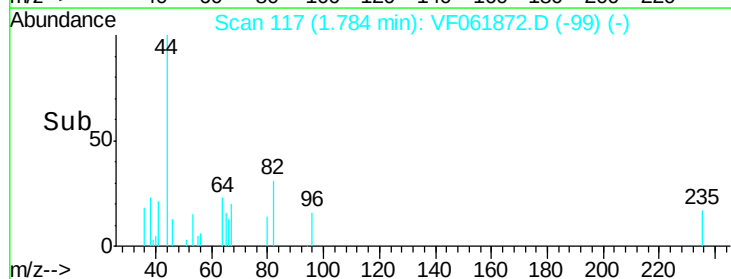
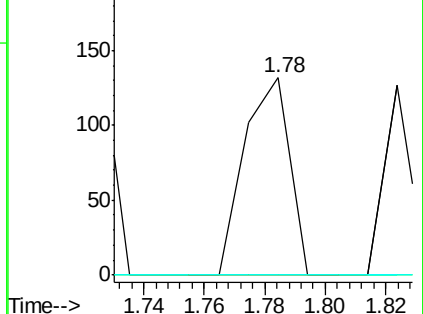
98 0.0 47.1 70.7#

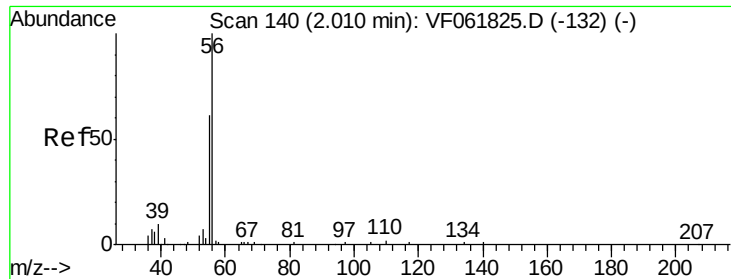


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#13

Acrolein

Concen: 55.232 ug/l

RT: 2.07 min Scan# 146

Delta R.T. 0.06 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

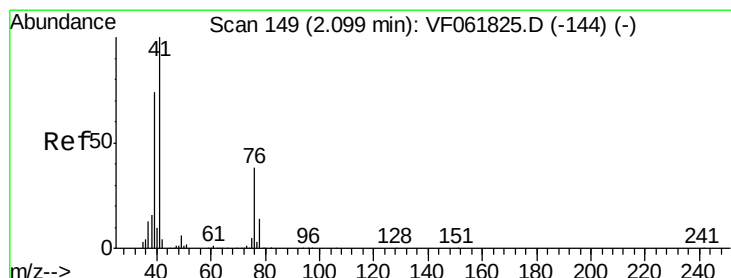
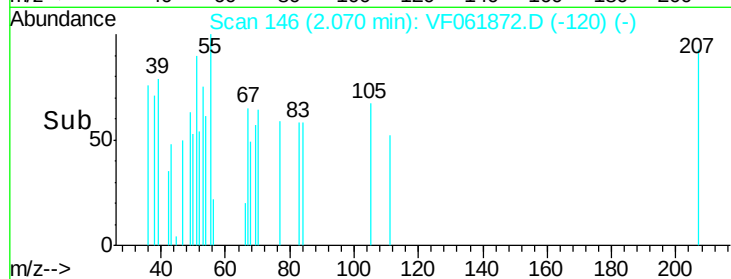
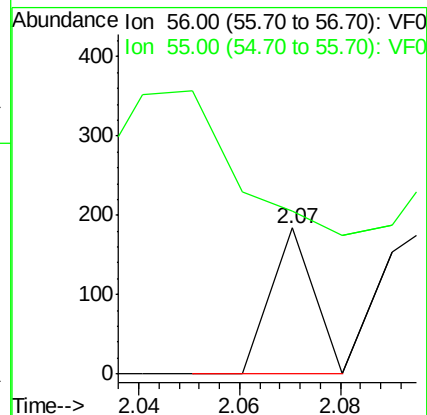
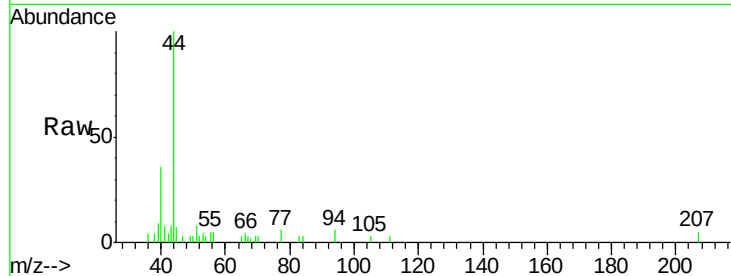
Instrument :
MSVOA_F
ClientSampled :
TP-8

Tot Ion: 56 Resp: 109

Ion Ratio Lower Upper

56 100

55 112.0 51.3 76.9#



#14

Allyl chloride

Concen: 38.449 ug/l

RT: 2.08 min Scan# 147

Delta R.T. -0.02 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

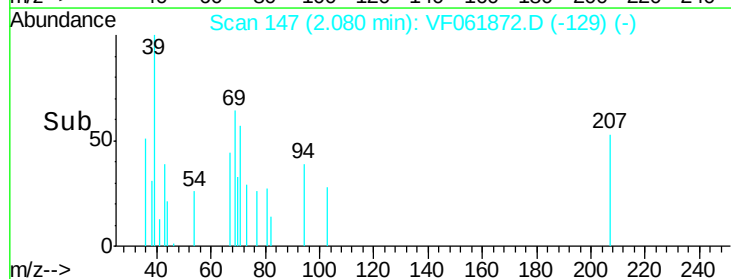
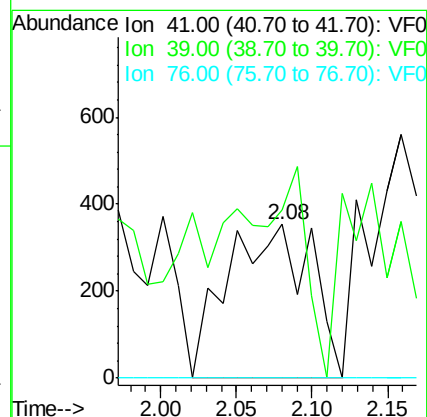
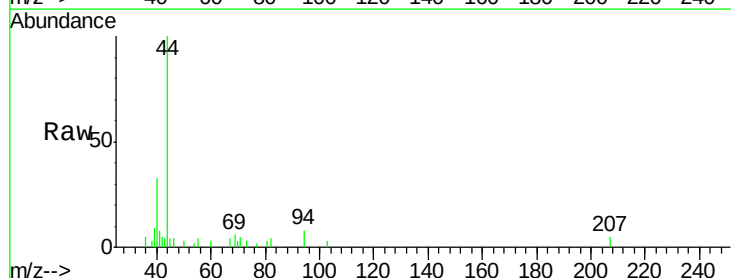
Tgt Ion: 41 Resp: 1365

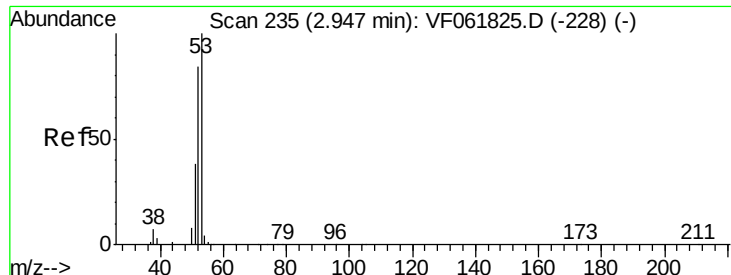
Ion Ratio Lower Upper

41 100

39 109.6 59.6 89.4#

76 0.0 32.3 48.5#

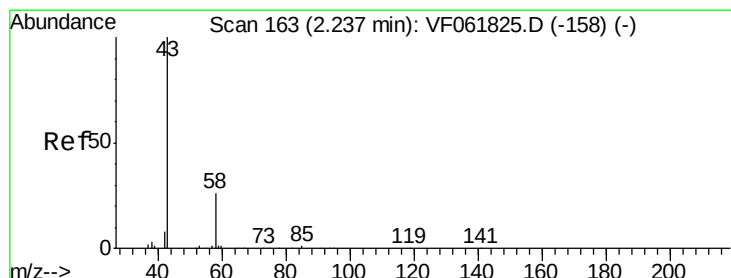
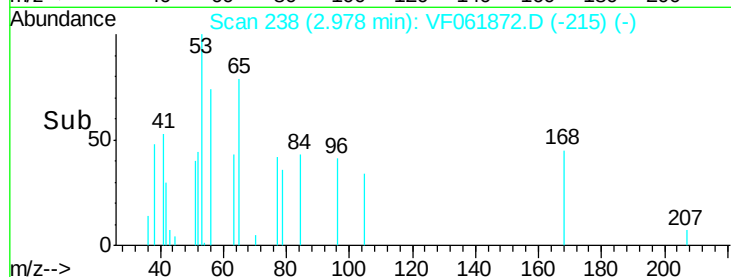
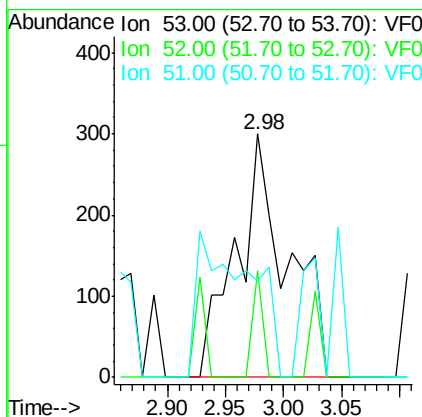
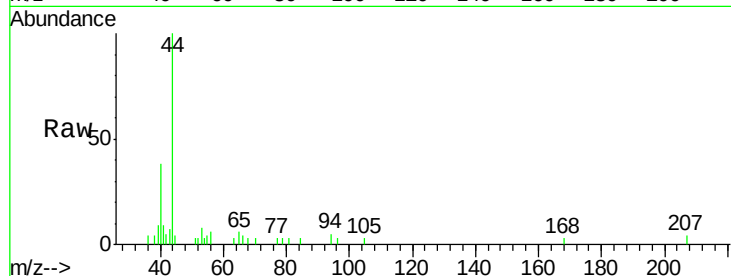




#15
Acrylonitrile
Concen: 183.287 ug/l
RT: 2.98 min Scan# 238
Delta R.T. 0.03 min
Lab File: VF061872.D
Acq: 8 Mar 2019 19:44

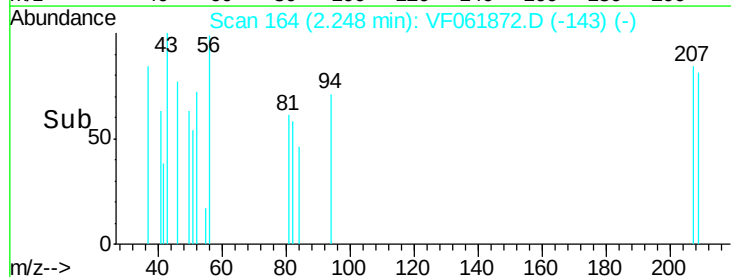
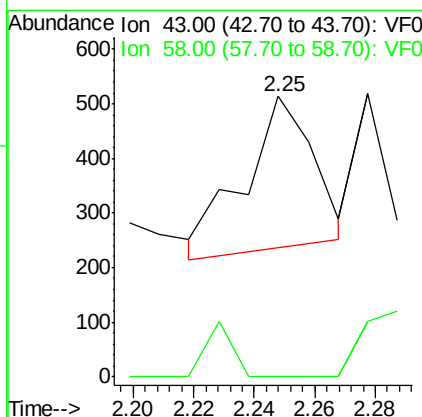
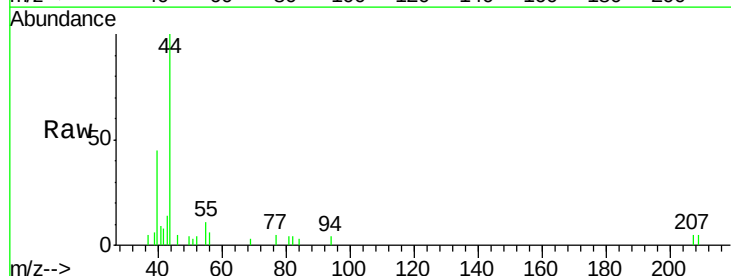
Instrument :
MSVOA_F
ClientSampled :
TP-8

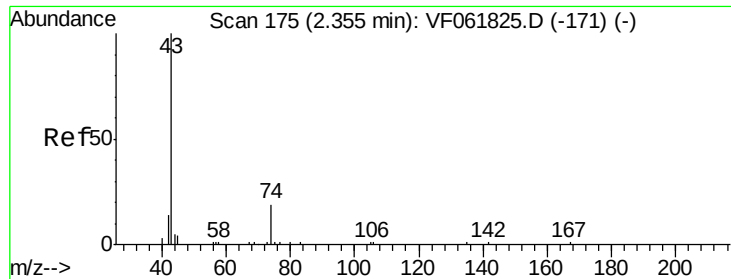
Tot Ion: 53 Resp: 909
Ion Ratio Lower Upper
53 100
52 44.0 67.4 101.0#
51 39.7 30.7 46.1



#16
Acetone
Concen: 77.245 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF061872.D
Acq: 8 Mar 2019 19:44

Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 0.0 20.3 30.5#

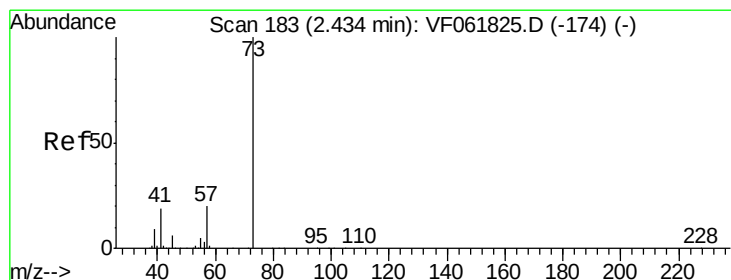
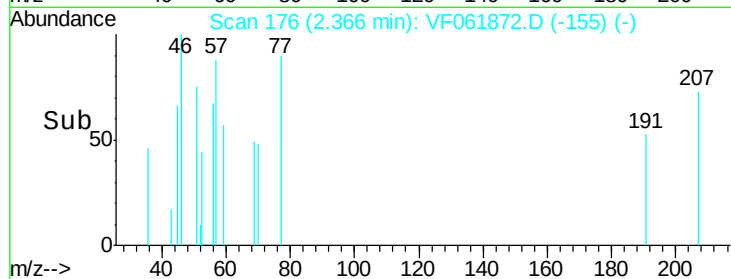
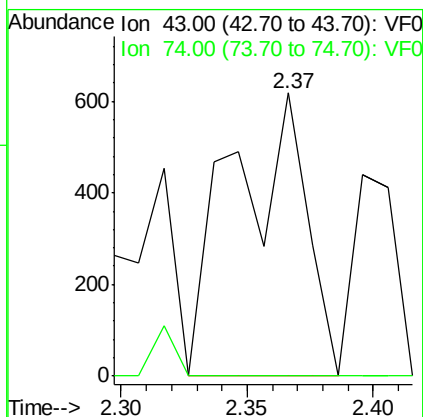
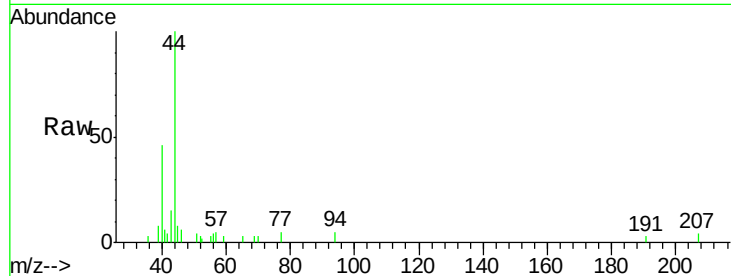




#18
Methyl Acetate
Concen: 99.179 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061872.D
Acq: 8 Mar 2019 19:44

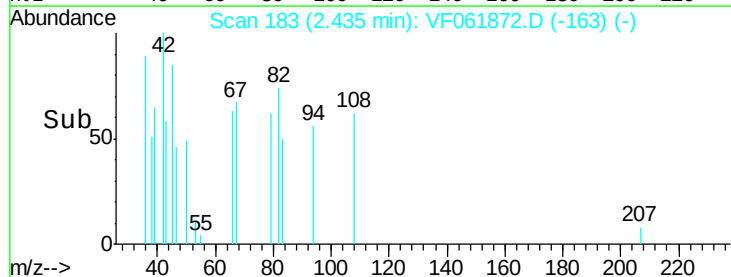
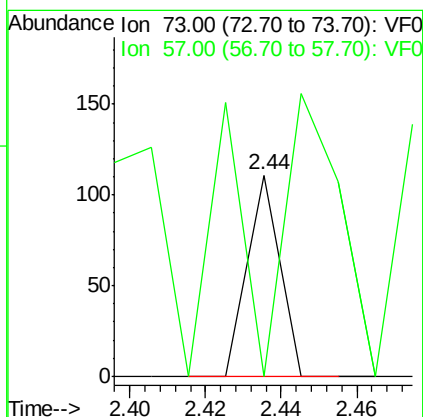
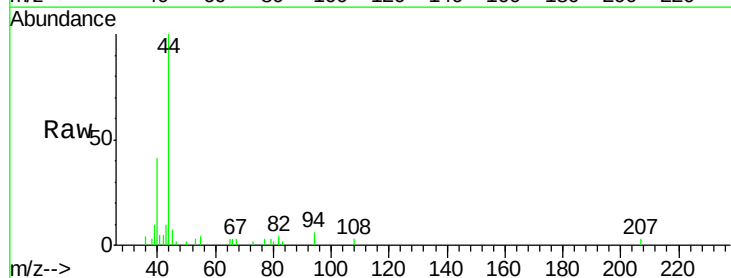
Instrument :
MSVOA_F
ClientSampleId :
TP-8

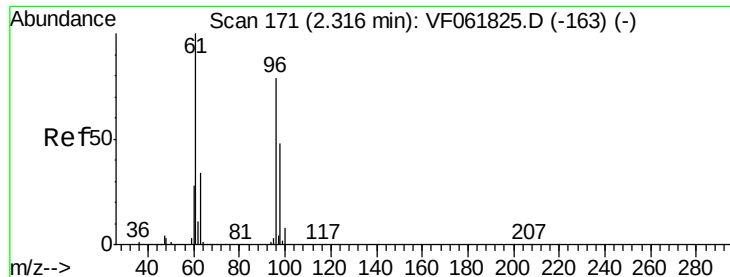
Tot Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
74 0.0 13.2 19.8#



#19
Methyl tert-butyl Ether
Concen: 1.211 ug/l
RT: 2.44 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF061872.D
Acq: 8 Mar 2019 19:44

Tgt Ion: 73 Resp: 66
Ion Ratio Lower Upper
73 100
57 0.0 16.1 24.1#





#21

trans-1,2-Dichloroethene

Concen: 2.011 ug/l

RT: 2.30 min Scan# 169

Delta R.T. -0.02 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

TP-8

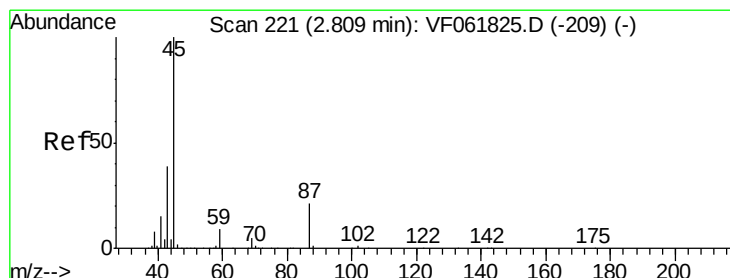
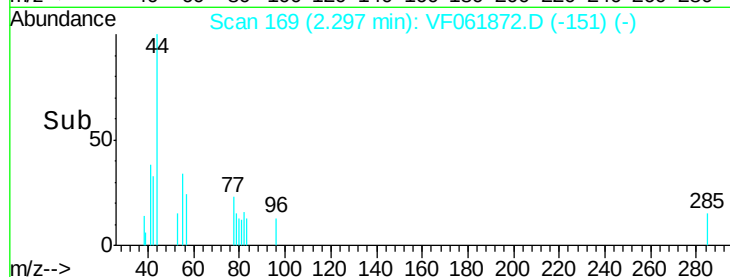
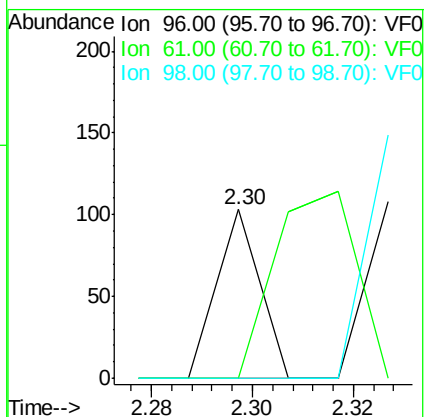
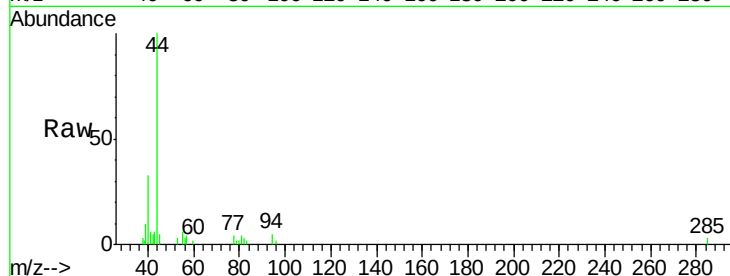
Tot Ion: 96 Resp: 61

Ion Ratio Lower Upper

96 100

61 0.0 101.0 151.6#

98 0.0 48.8 73.2#



#22

Diisopropyl ether

Concen: 4.461 ug/l

RT: 2.78 min Scan# 218

Delta R.T. -0.03 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Tgt Ion: 45 Resp: 412

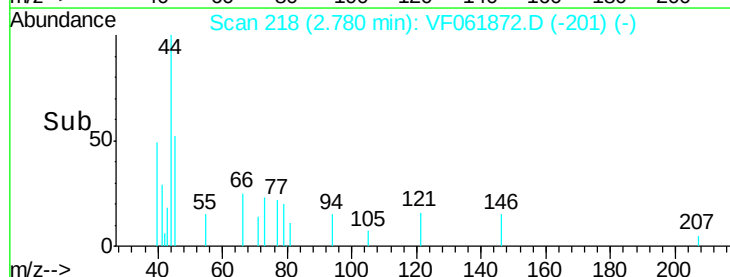
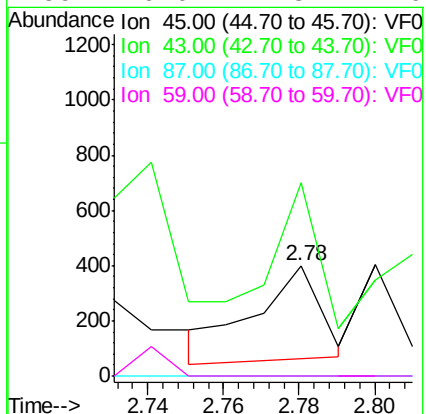
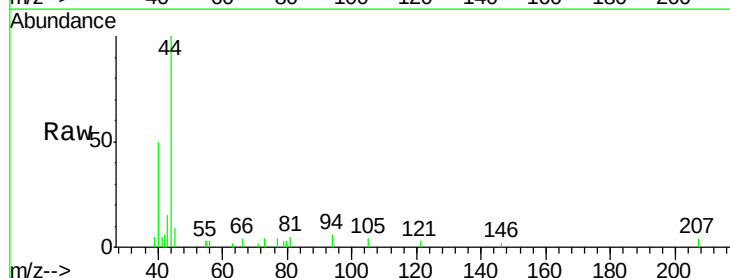
Ion Ratio Lower Upper

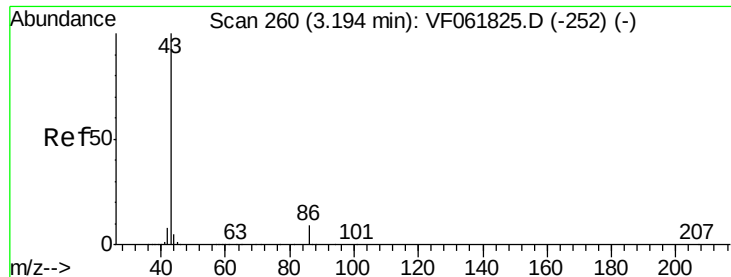
45 100

43 174.6 31.8 47.8#

87 0.0 17.1 25.7#

59 0.0 7.8 11.6#





#23

Vinyl Acetate

Concen: 13.113 ug/l

RT: 3.16 min Scan# 256

Delta R.T. -0.04 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

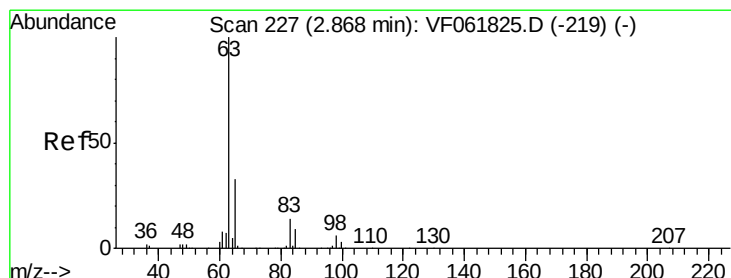
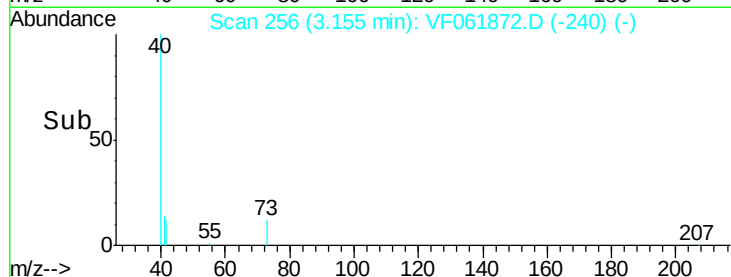
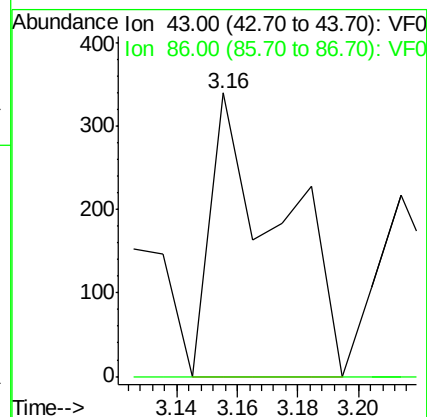
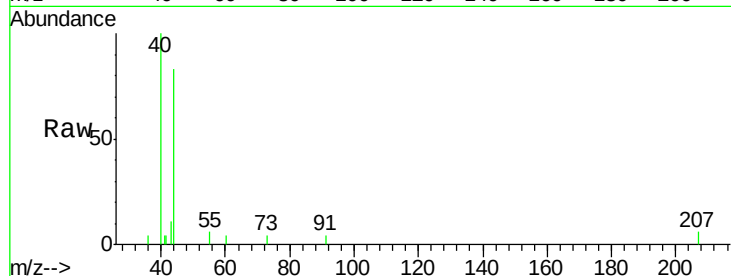
TP-8

Tot Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.4#



#24

1,1-Dichloroethane

Concen: 2.301 ug/l

RT: 2.79 min Scan# 219

Delta R.T. -0.08 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

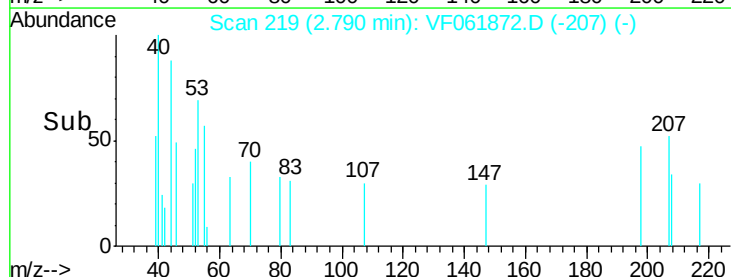
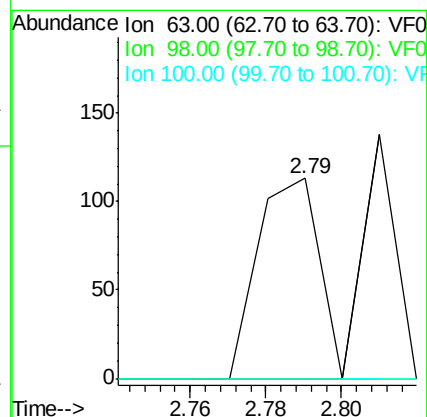
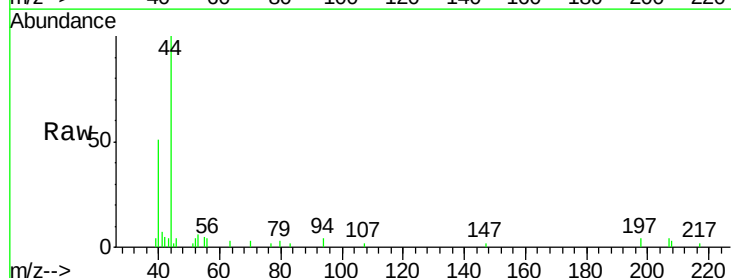
Tgt Ion: 63 Resp: 127

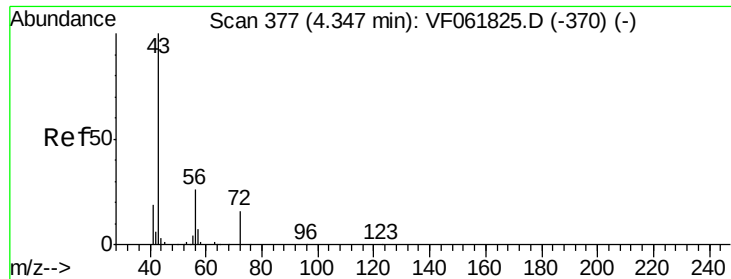
Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.6#

100 0.0 1.8 5.3#





#25

2-Butanone

Concen: 24.633 ug/l

RT: 4.30 min Scan# 372

Delta R.T. -0.05 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampled :

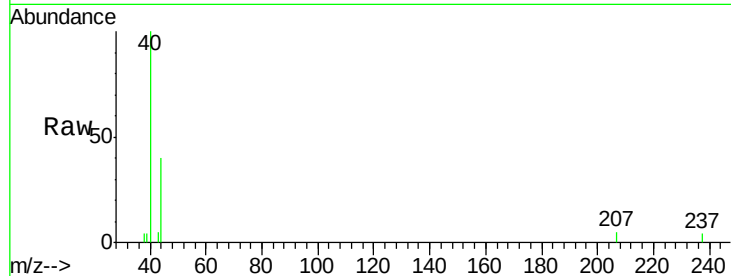
TP-8

Tot Ion: 43 Resp: 288

Ion Ratio Lower Upper

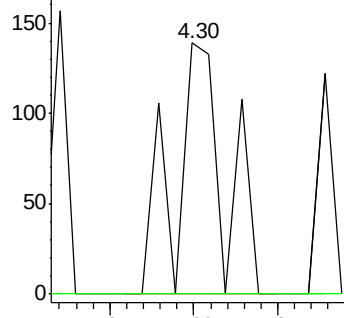
43 100

72 0.0 16.2 24.4#

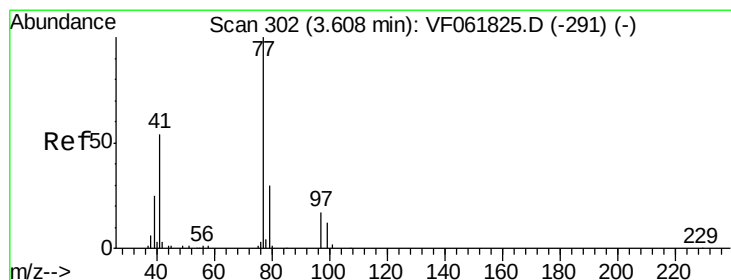
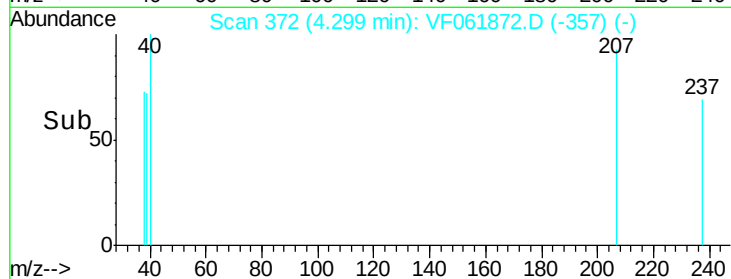


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



Time-->



#26

2,2-Dichloropropane

Concen: 2.881 ug/l

RT: 3.65 min Scan# 306

Delta R.T. 0.04 min

Lab File: VF061872.D

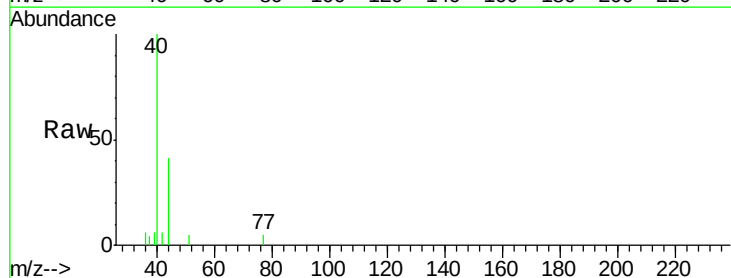
Acq: 8 Mar 2019 19:44

Tgt Ion: 77 Resp: 71

Ion Ratio Lower Upper

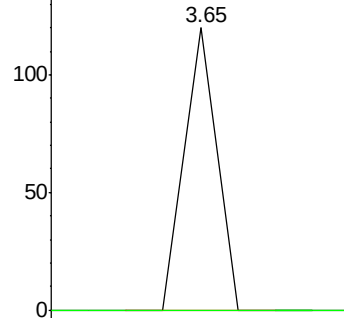
77 100

97 0.0 10.4 31.4#

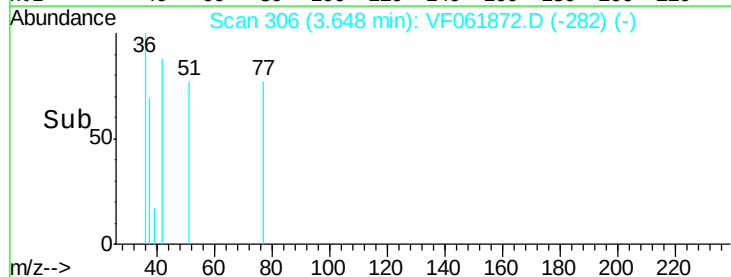


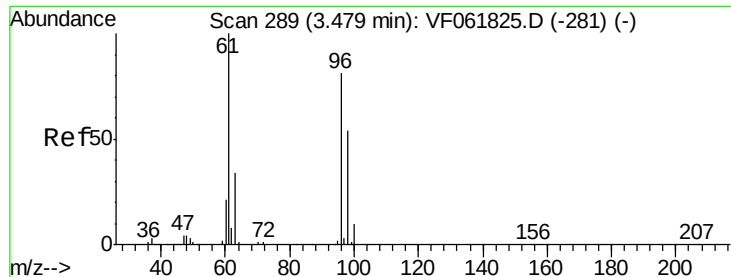
Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



Time-->



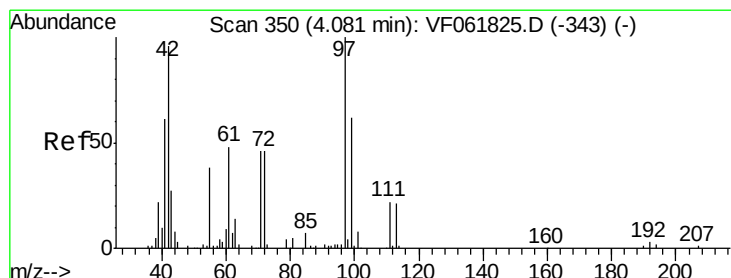
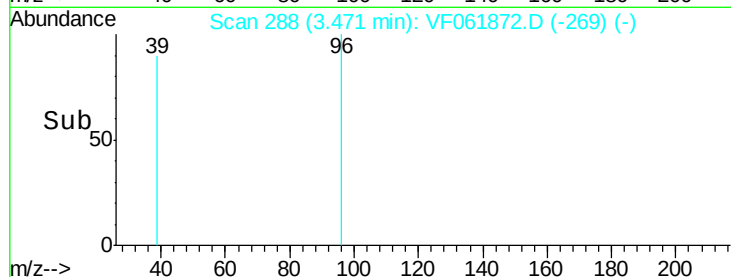
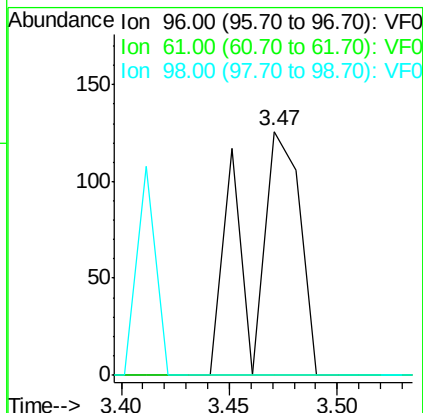
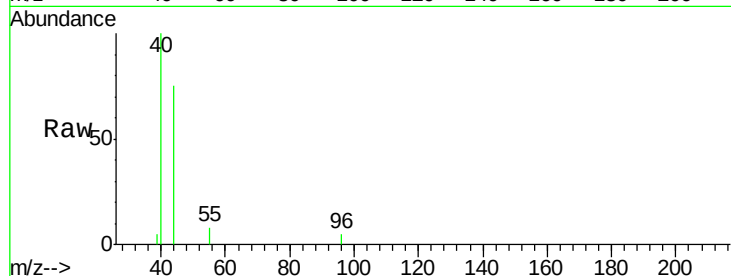


#27

cis-1,2-Dichloroethene
 Concen: 4.926 ug/l
 RT: 3.47 min Scan# 288
 Delta R.T. -0.01 min
 Lab File: VF061872.D
 Acq: 8 Mar 2019 19:44

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8

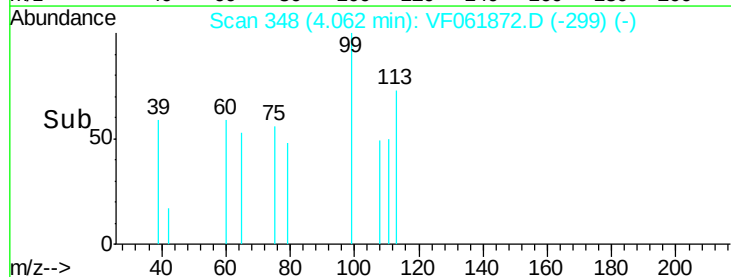
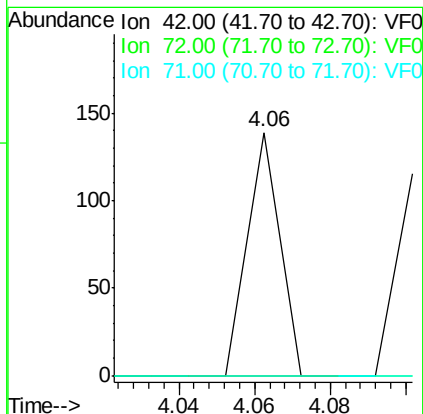
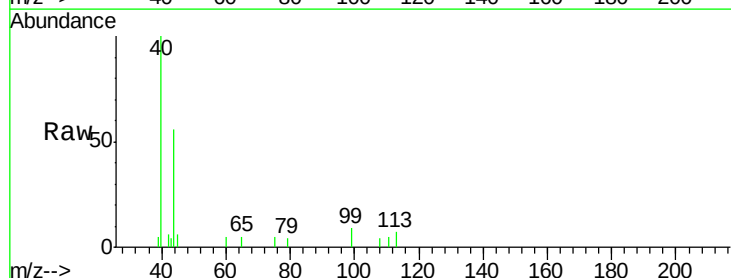
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	245.8
98	0.0	0.0	132.6

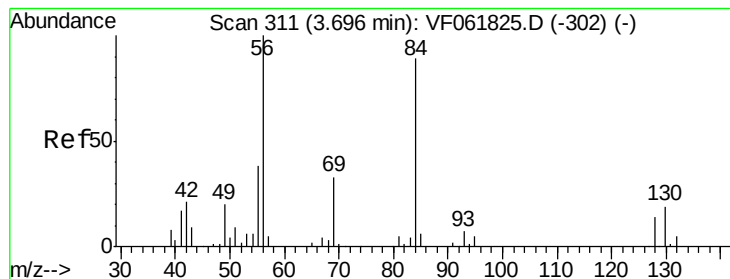


#29

Tetrahydrofuran
 Concen: 16.262 ug/l
 RT: 4.06 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VF061872.D
 Acq: 8 Mar 2019 19:44

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.4	51.6#
71	0.0	34.6	52.0#





#31

Cyclohexane

Concen: 1.315 ug/l

RT: 3.67 min Scan# 308

Delta R.T. -0.03 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

TP-8

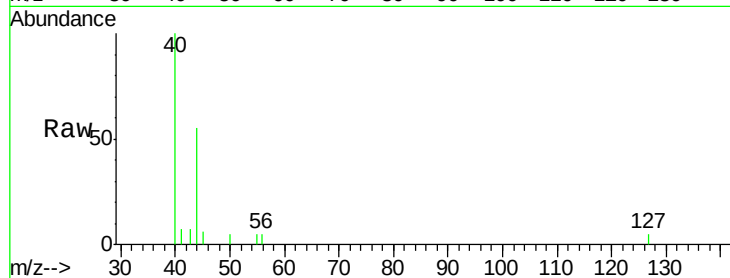
Tot Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

69 0.0 26.0 39.0#

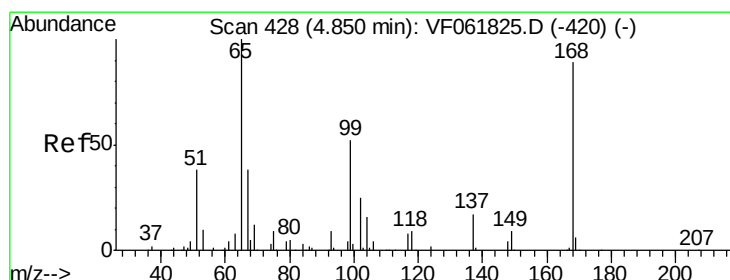
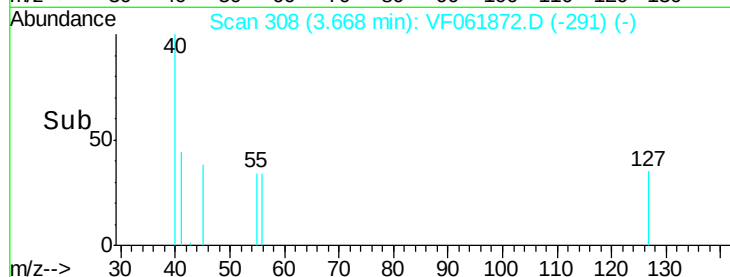
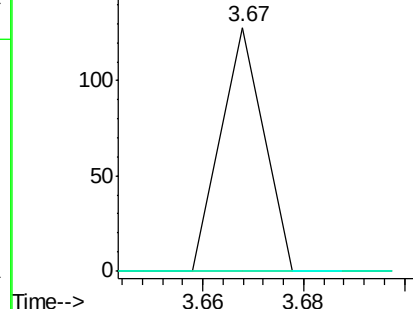
84 0.0 71.0 106.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 20.627 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061872.D

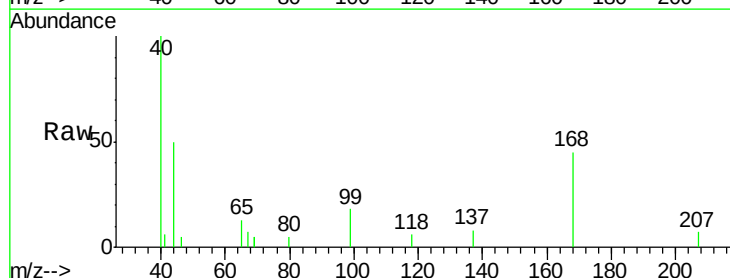
Acq: 8 Mar 2019 19:44

Tgt Ion: 65 Resp: 566

Ion Ratio Lower Upper

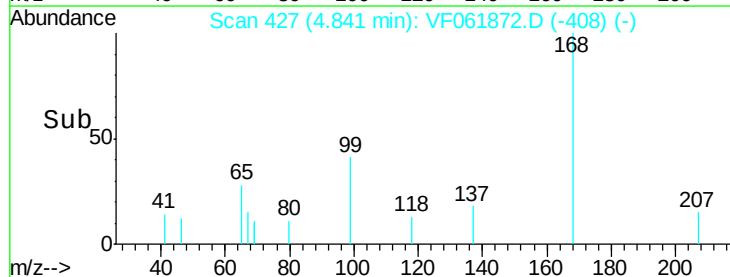
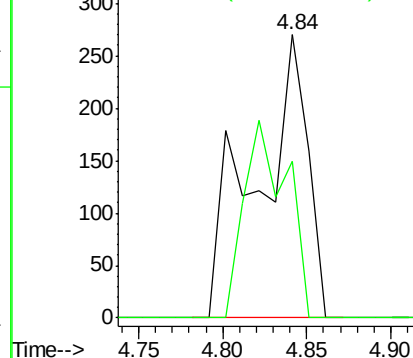
65 100

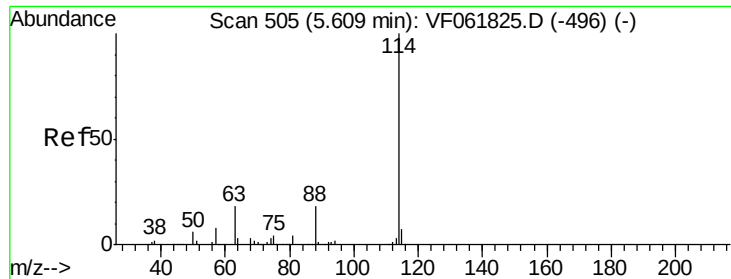
67 55.2 0.0 108.6



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. -0.02 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

TP-8

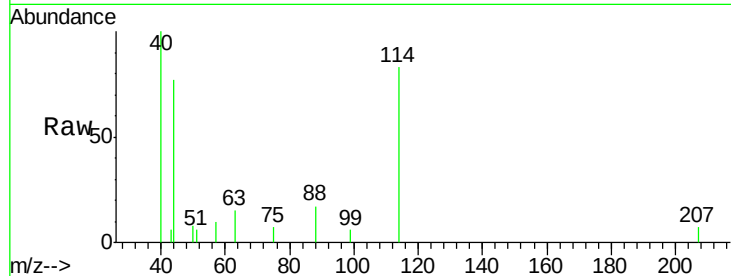
Tot Ion:114 Resp: 4301

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

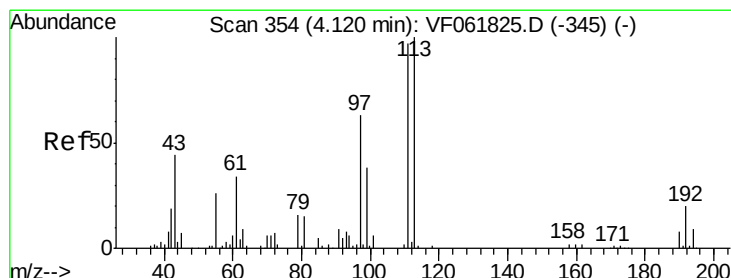
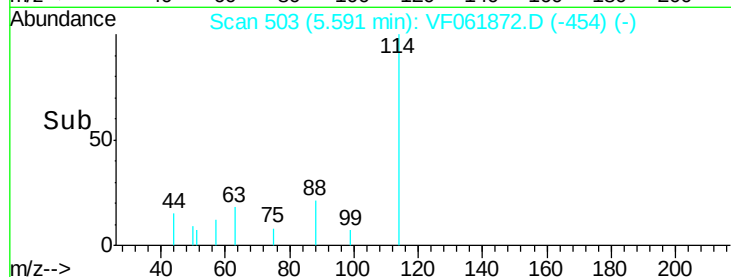
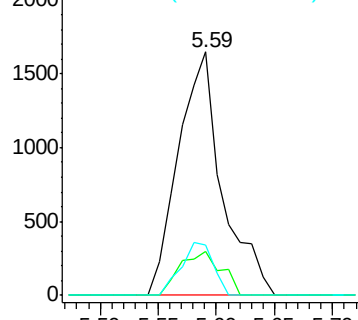
88 20.8 0.0 35.6



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: 42.378 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

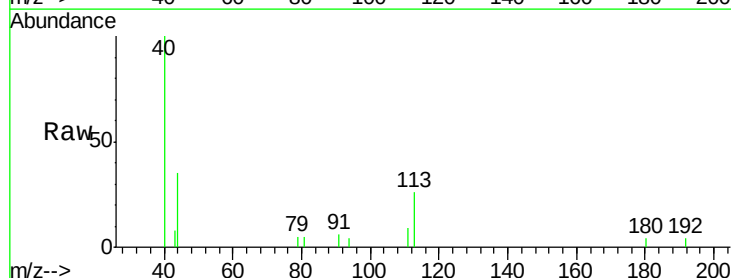
Tgt Ion:113 Resp: 1272

Ion Ratio Lower Upper

113 100

111 35.2 77.6 116.4#

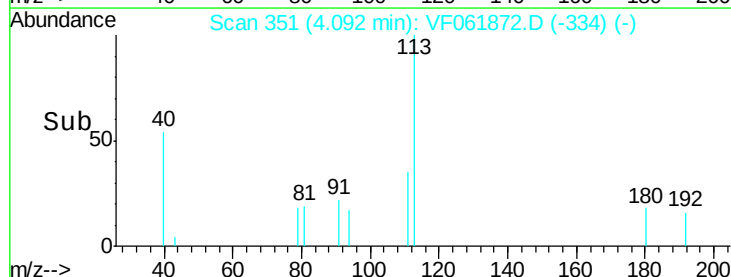
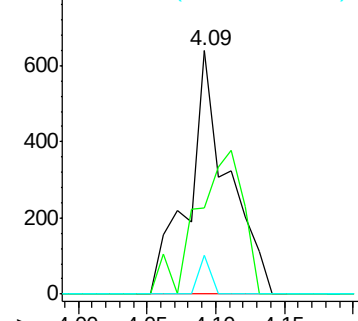
192 15.8 15.9 23.9#

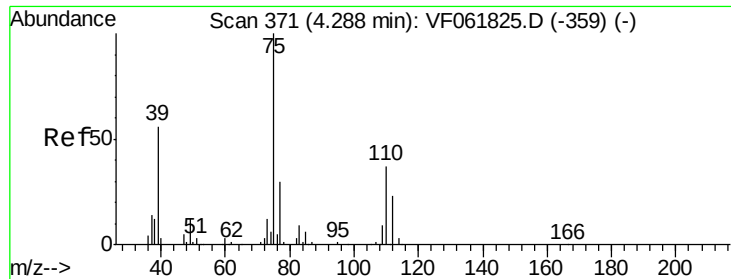


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

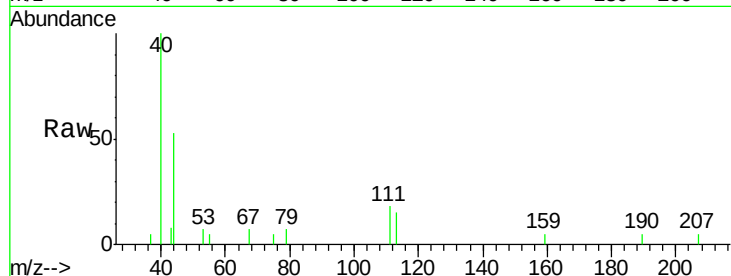




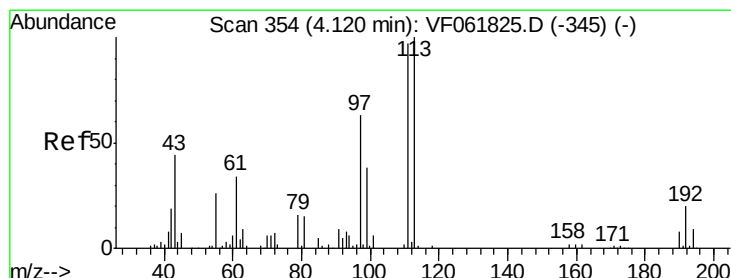
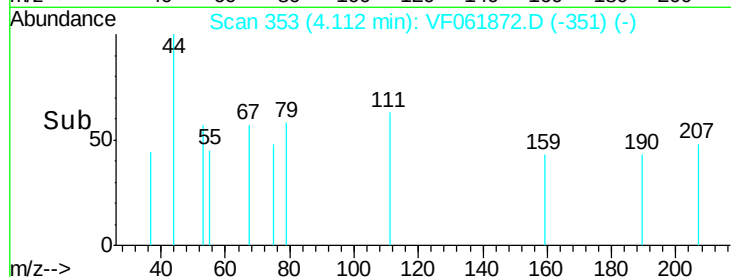
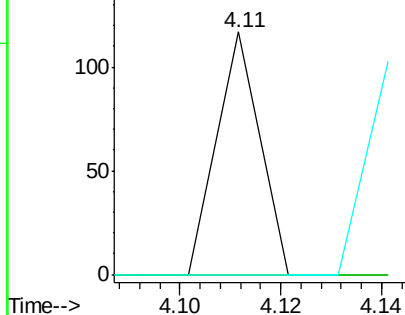
#36
 1,1-Dichloropropene
 Concen: 1.698 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.18 min
 Lab File: VF061872.D
 Acq: 8 Mar 2019 19:44

Instrument :
 MSVOA_F
 ClientSampled :
 TP-8

Tot Ion: 75 Resp: 69
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.6 55.6#
 77 0.0 24.2 36.2#

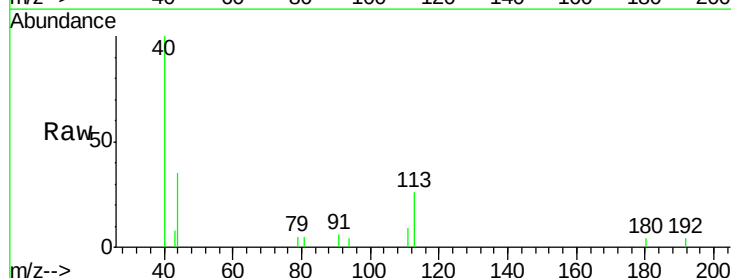


Abundance Ion 75.00 (74.70 to 75.70): VF0
 Ion 110.00 (109.70 to 110.70): VF0
 Ion 77.00 (76.70 to 77.70): VF0

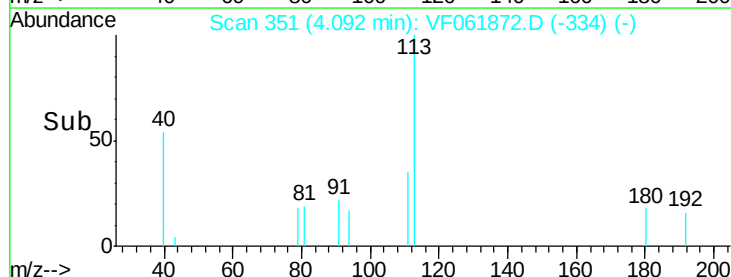
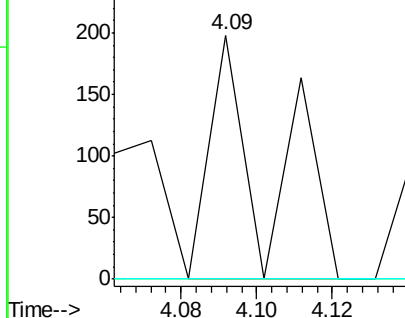


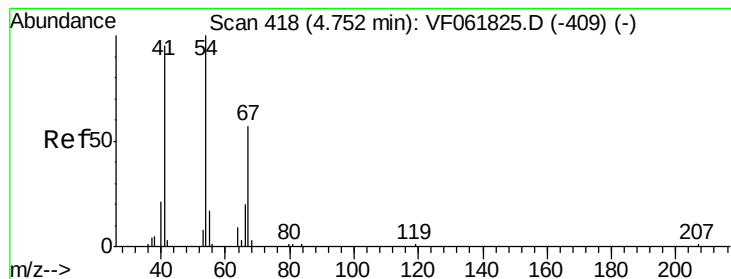
#37
 Ethyl Acetate
 Concen: 12.549 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.03 min
 Lab File: VF061872.D
 Acq: 8 Mar 2019 19:44

Tgt Ion: 43 Resp: 214
 Ion Ratio Lower Upper
 43 100
 61 0.0 60.7 91.1#
 70 0.0 10.6 15.8#



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





#41

Methacrylonitrile

Concen: 9.847 ug/l

RT: 4.75 min Scan# 418

Delta R.T. 0.00 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

TP-8

Tot Ion: 41 Resp: 92

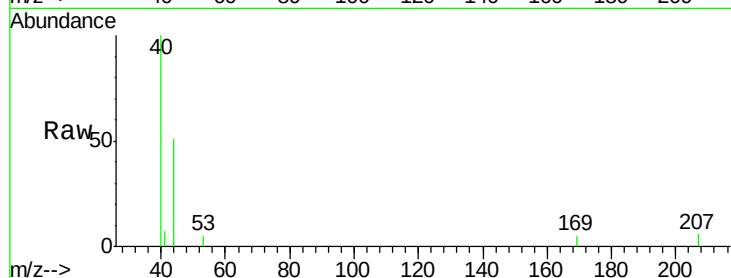
Ion Ratio Lower Upper

41 100

39 0.0 43.0 64.6#

67 0.0 47.8 71.8#

52 0.0 40.5 60.7#

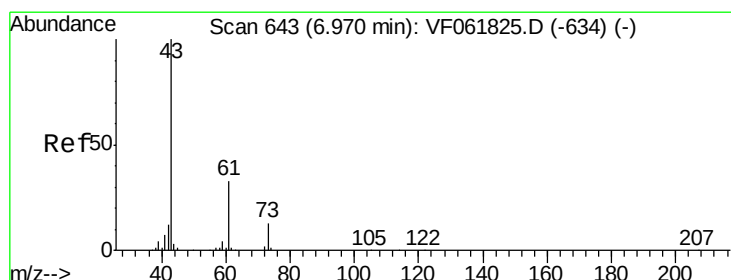
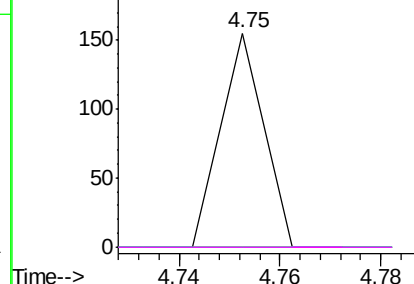
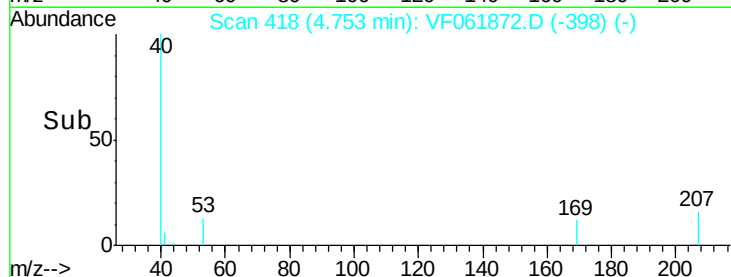


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#43

Isopropyl Acetate

Concen: 6.708 ug/l

RT: 6.95 min Scan# 641

Delta R.T. -0.02 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

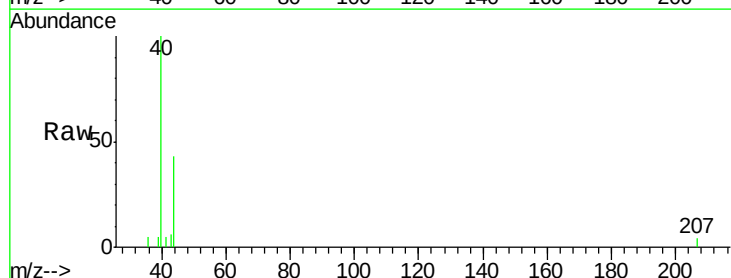
Tgt Ion: 43 Resp: 141

Ion Ratio Lower Upper

43 100

61 0.0 26.1 39.1#

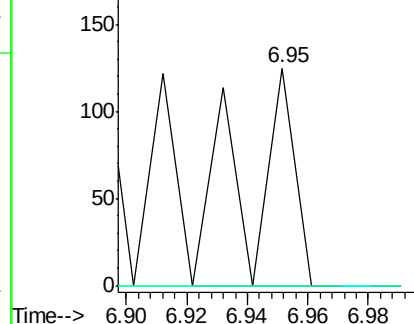
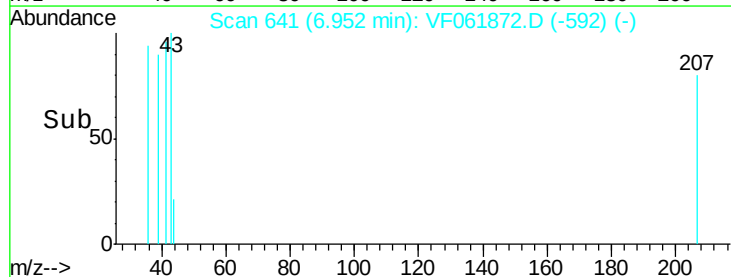
87 0.0 0.0 0.0

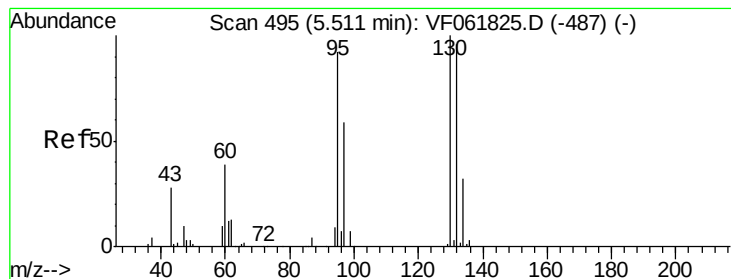


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#44

Trichloroethene

Concen: 1.818 ug/l

RT: 5.58 min Scan# 502

Delta R.T. 0.07 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

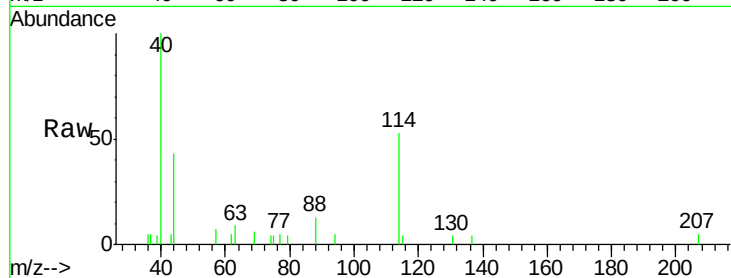
TP-8

Tot Ion:130 Resp: 60

Ion Ratio Lower Upper

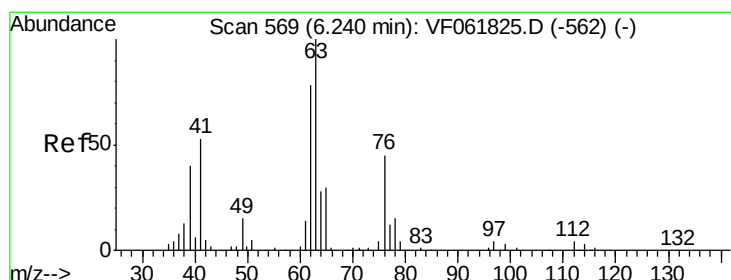
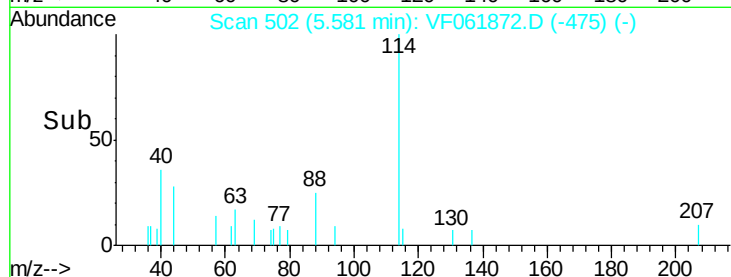
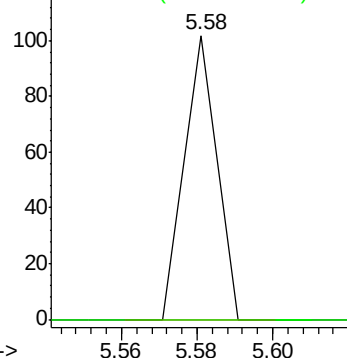
130 100

95 0.0 0.0 184.0



Abundance Ion 129.90 (129.60 to 130.60): VF0

Ion 94.90 (94.60 to 95.60): VF0



#45

1,2-Dichloropropane

Concen: 2.812 ug/l

RT: 6.22 min Scan# 567

Delta R.T. -0.02 min

Lab File: VF061872.D

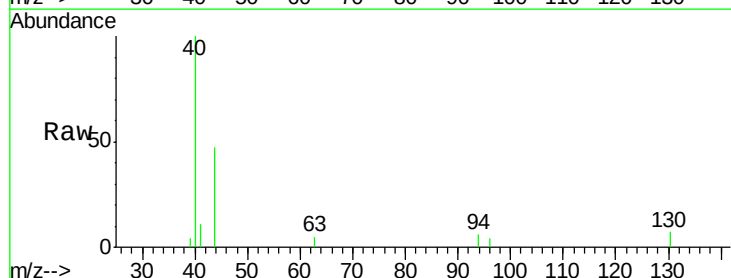
Acq: 8 Mar 2019 19:44

Tgt Ion: 63 Resp: 71

Ion Ratio Lower Upper

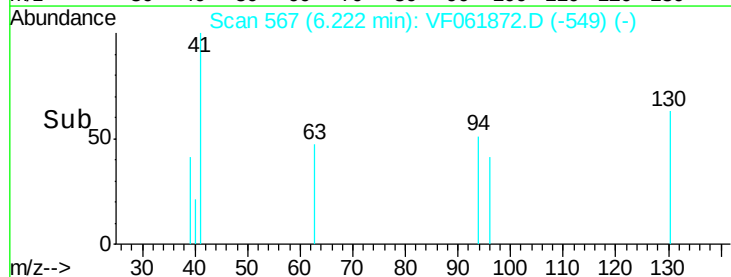
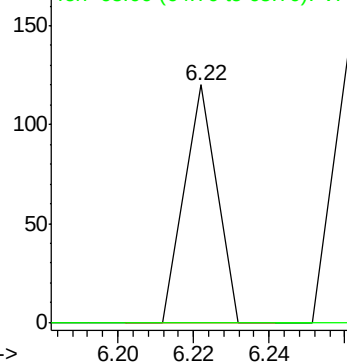
63 100

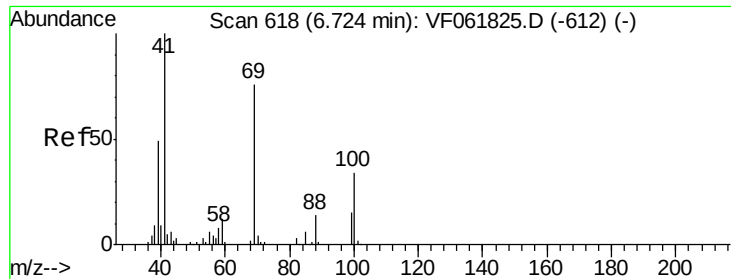
65 0.0 24.0 36.0#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

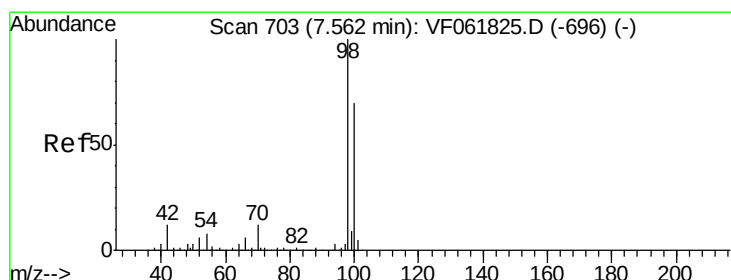
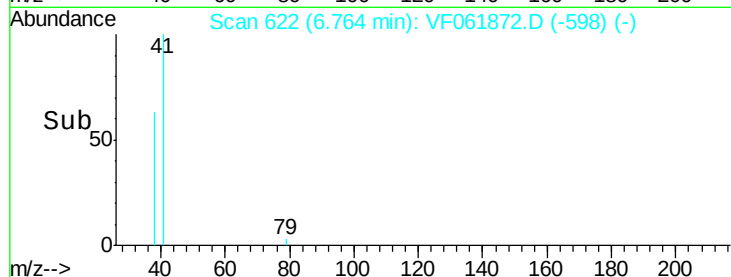
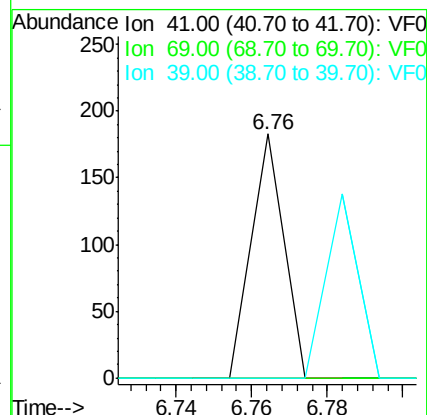
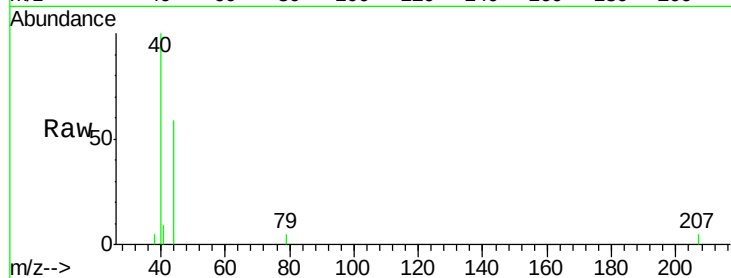




#48
Methyl methacrylate
Concen: 8.118 ug/l
RT: 6.76 min Scan# 622
Delta R.T. 0.04 min
Lab File: VF061872.D
Acq: 8 Mar 2019 19:44

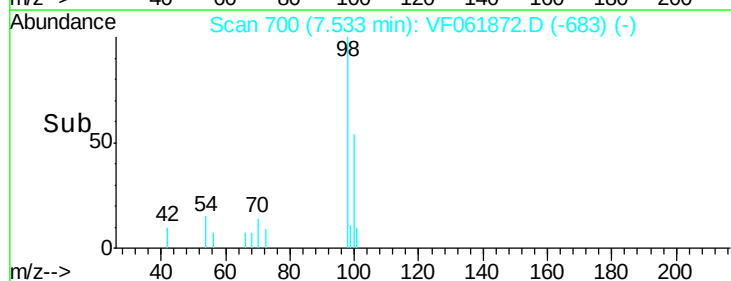
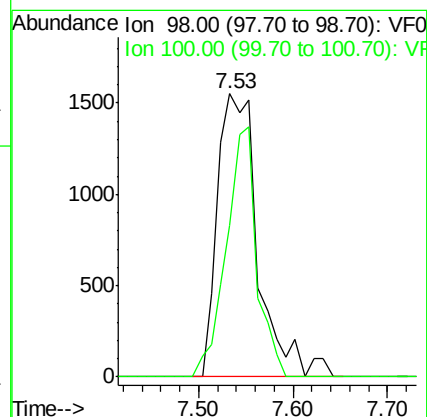
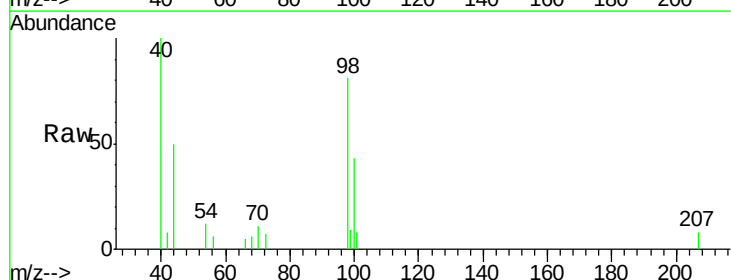
Instrument :
MSVOA_F
ClientSampleId :
TP-8

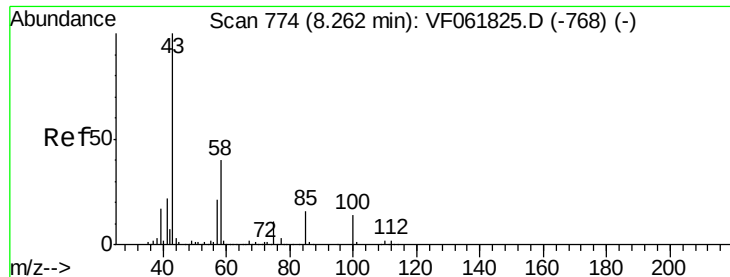
Tot Ion: 41 Resp: 108
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 0.0 39.7 59.5#



#50
Toluene-d8
Concen: 51.920 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061872.D
Acq: 8 Mar 2019 19:44

Tgt Ion: 98 Resp: 4632
Ion Ratio Lower Upper
98 100
100 53.5 56.0 84.0#





#51

4-Methyl-2-Pentanone

Concen: 20.925 ug/l

RT: 8.22 min Scan# 770

Delta R.T. -0.04 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampled :

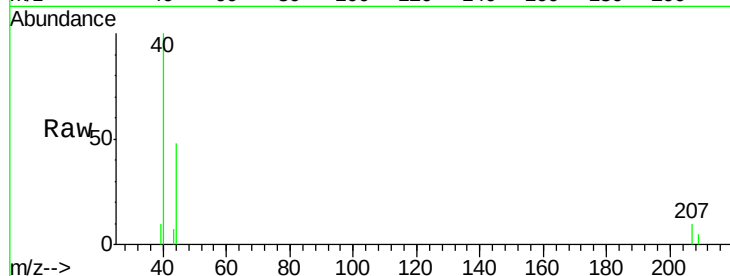
TP-8

Tot Ion: 43 Resp: 304

Ion Ratio Lower Upper

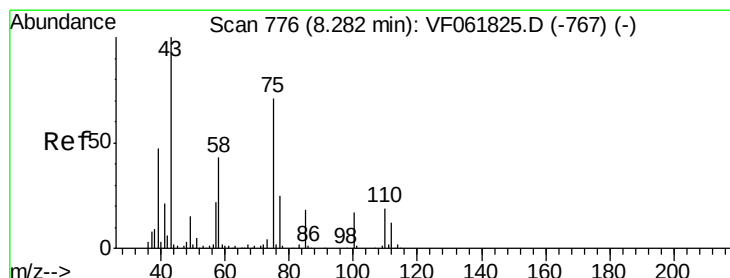
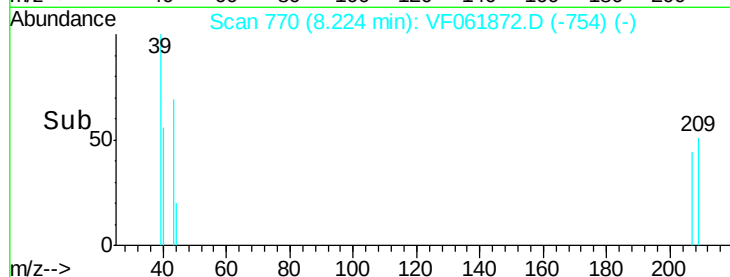
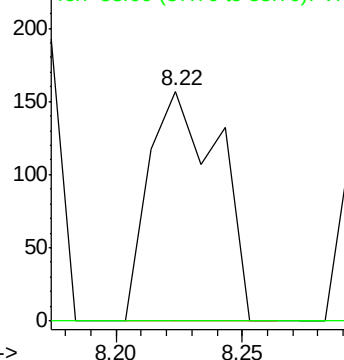
43 100

58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#53

t-1,3-Dichloropropene

Concen: 2.312 ug/l

RT: 8.16 min Scan# 764

Delta R.T. -0.12 min

Lab File: VF061872.D

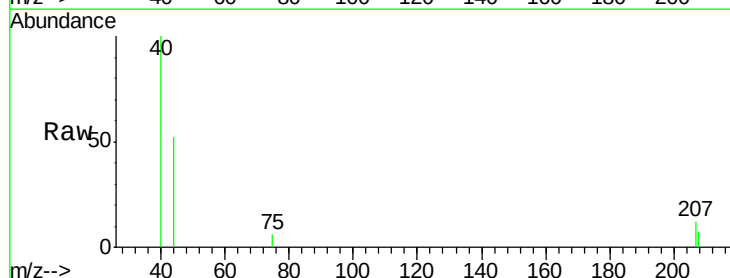
Acq: 8 Mar 2019 19:44

Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

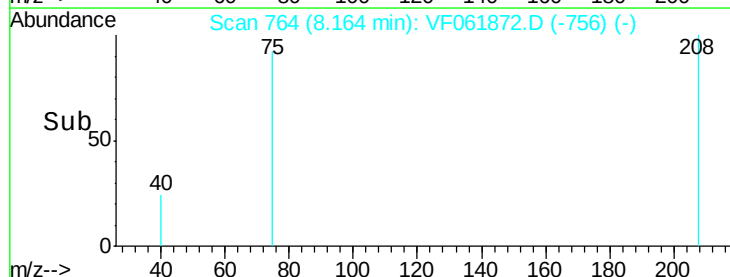
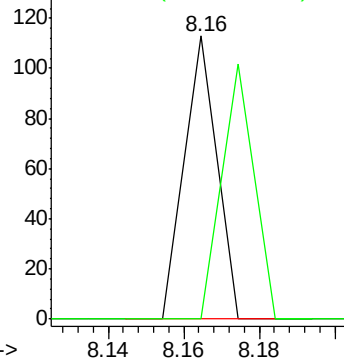
75 100

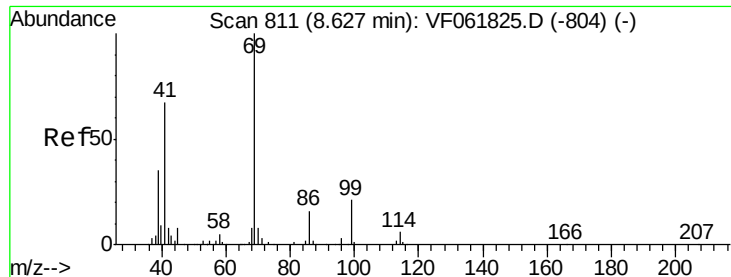
77 0.0 28.0 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#56

Ethyl methacrylate

Concen: 3.431 ug/l

RT: 8.55 min Scan# 803

Delta R.T. -0.08 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampled :

TP-8

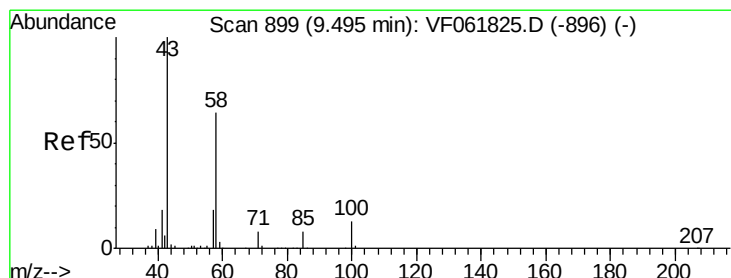
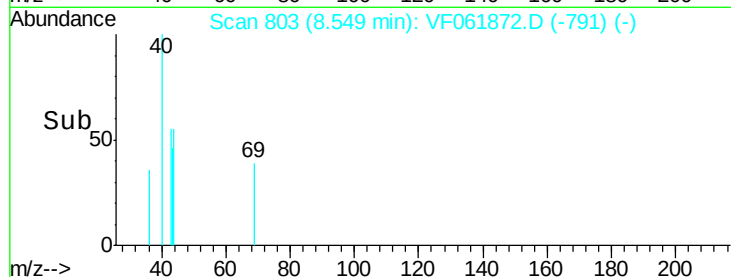
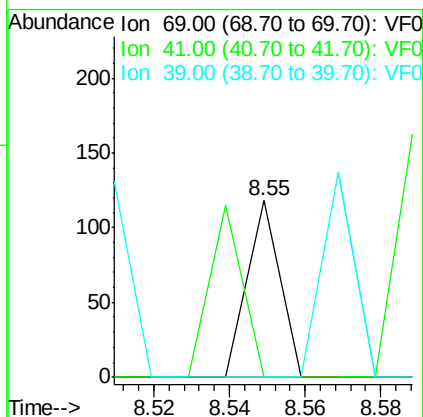
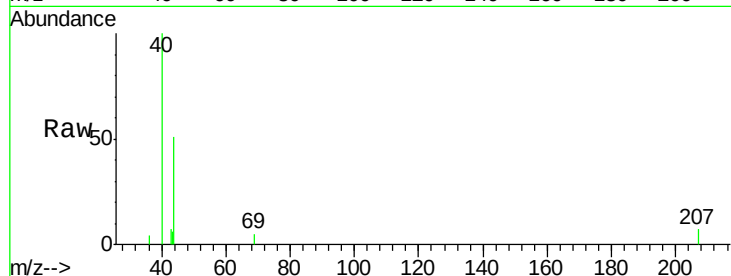
Tot Ion: 69 Resp: 70

Ion Ratio Lower Upper

69 100

41 0.0 53.9 80.9#

39 0.0 28.3 42.5#



#59

2-Hexanone

Concen: 5.916 ug/l

RT: 9.50 min Scan# 899

Delta R.T. 0.00 min

Lab File: VF061872.D

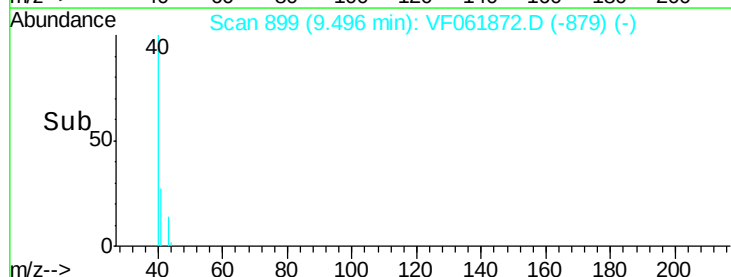
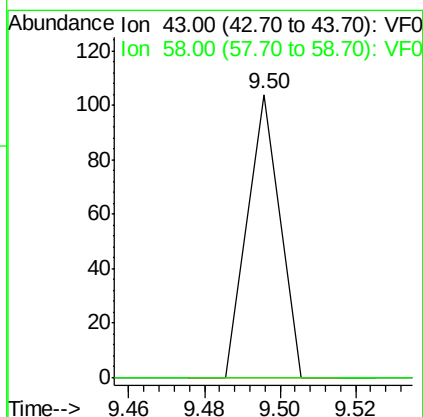
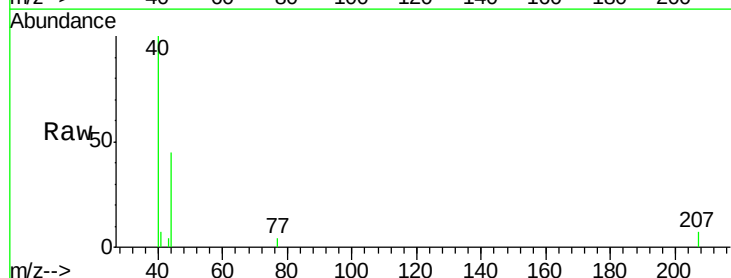
Acq: 8 Mar 2019 19:44

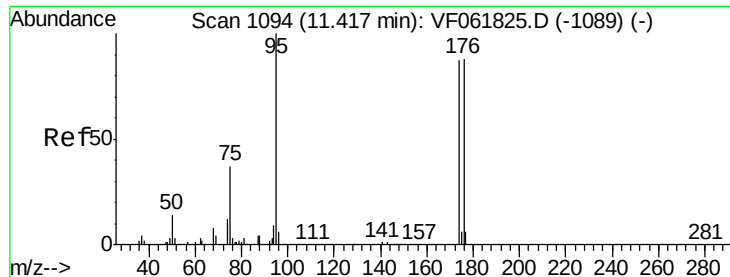
Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

43 100

58 0.0 28.8 86.4#





#62

4-Bromofluorobenzene

Concen: 40.089 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

TP-8

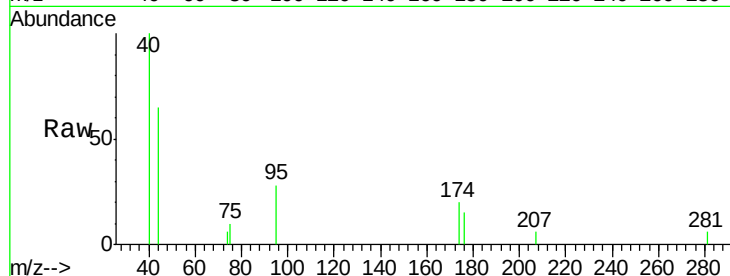
Tot Ion: 95 Resp: 1401

Ion Ratio Lower Upper

95 100

174 73.5 0.0 174.0

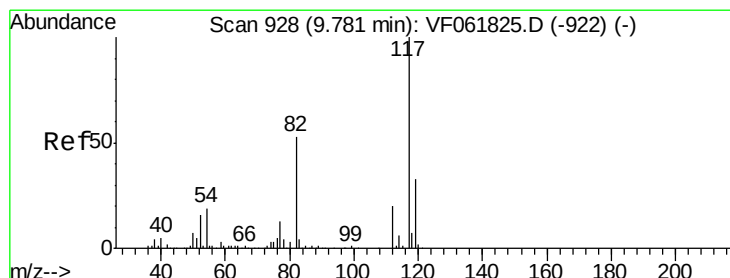
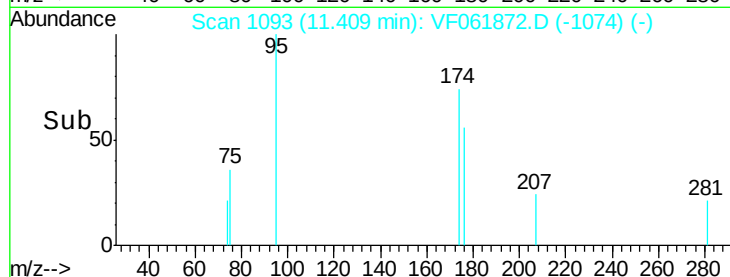
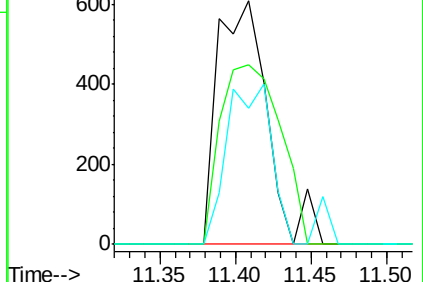
176 55.9 0.0 175.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.02 min

Lab File: VF061872.D

Acq: 8 Mar 2019 19:44

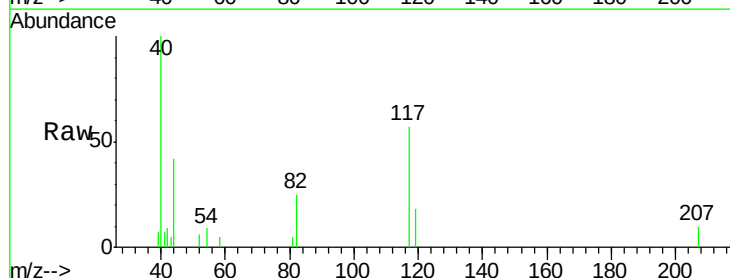
Tgt Ion: 117 Resp: 2318

Ion Ratio Lower Upper

117 100

82 44.3 42.6 63.8

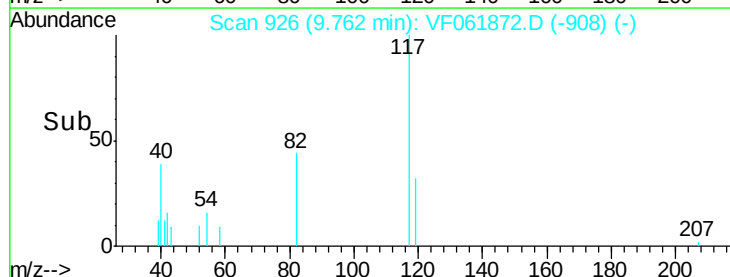
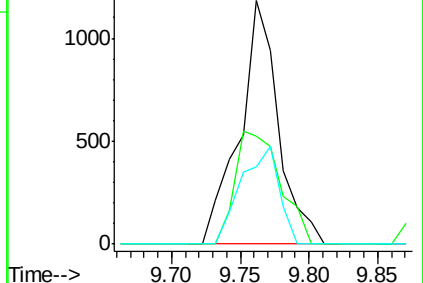
119 31.5 26.0 39.0

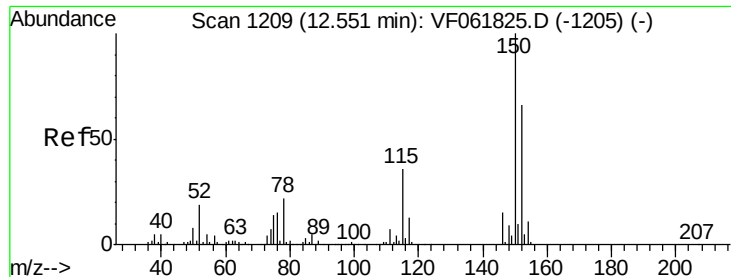


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



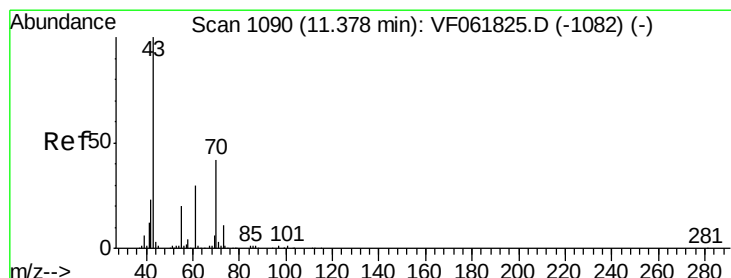
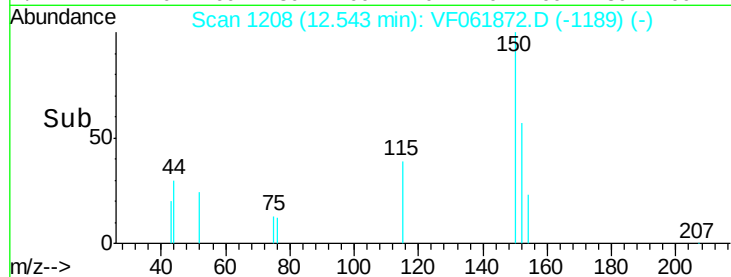
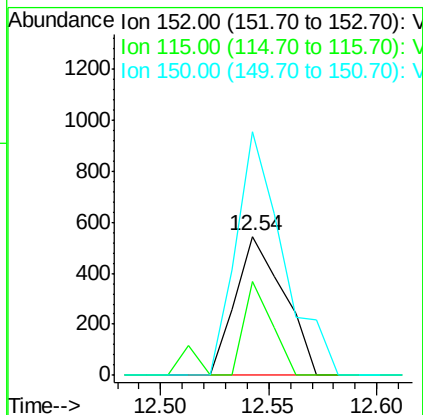
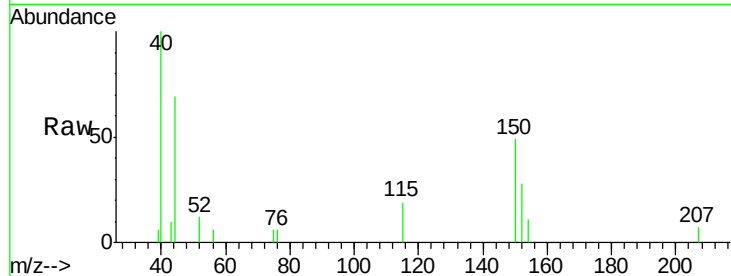


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061872.D
Acq: 8 Mar 2019 19:44

Instrument :
MSVOA_F
ClientSampled :
TP-8

Tot Ion:152 Resp: 847
Ion Ratio Lower Upper
152 100
115 67.5 27.7 83.1
150 175.2 0.0 304.2



#74

N-aryl acetate
Concen: 6.779 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF061872.D
Acq: 8 Mar 2019 19:44

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 0.0 16.3 24.5#
61 0.0 24.0 36.0#

