

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061774.D
 Acq On : 27 Feb 2019 18:58
 Operator : VA/AP
 Sample : K1353-07
 Misc : 6.65µ/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Feb 28 01:01:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	2902	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	2955	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	1603	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	322	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	76	3.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.14%	
35) Dibromofluoromethane	4.12	113	422	19.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.46%	
50) Toluene-d8	7.55	98	1827	28.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	57.92%	
62) 4-Bromofluorobenzene	11.41	95	519	20.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	40.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.09	85	71	2.130	ug/l #	43
3) Chloromethane	1.12	50	336	9.609	ug/l #	42
4) Vinyl Chloride	1.29	62	83	2.553	ug/l #	40
5) Bromomethane	1.29	94	799	35.714	ug/l #	3
6) Chloroethane	1.28	64	69	4.307	ug/l #	1
8) Diethyl Ether	1.60	74	135	13.663	ug/l	66
10) Methyl Iodide	1.88	142	80	1.481	ug/l #	39
11) Tert butyl alcohol	2.60	59	67	54.401	ug/l #	63
12) 1,1-Dichloroethene	1.81	96	63	2.533	ug/l #	1
13) Acrolein	2.02	56	589	380.516	ug/l	87
14) Allyl chloride	2.10	41	761	24.939	ug/l #	48
15) Acrylonitrile	2.94	53	158	36.168	ug/l #	18
16) Acetone	2.15	43	444	97.243	ug/l	98
18) Methyl Acetate	2.32	43	561	54.541	ug/l #	59
19) Methyl tert-butyl Ether	2.40	73	69	1.624	ug/l #	1
20) Methylene Chloride	2.20	84	61	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.36	96	182	6.733	ug/l #	1
22) Diisopropyl ether	2.79	45	876	11.959	ug/l #	1
23) Vinyl Acetate	3.17	43	604	16.882	ug/l #	74
24) 1,1-Dichloroethane	2.84	63	62	1.399	ug/l #	86
25) 2-Butanone	4.33	43	263	26.370	ug/l #	55
26) 2,2-Dichloropropane	3.61	77	67	3.568	ug/l #	52
27) cis-1,2-Dichloroethene	3.47	96	70	1.973	ug/l	1
29) Tetrahydrofuran	4.10	42	62	13.678	ug/l #	33
31) Cyclohexane	3.61	56	62	1.292	ug/l #	16
37) Ethyl Acetate	4.11	43	150	11.032	ug/l #	30
39) Methylcyclohexane	5.51	83	64	1.849	ug/l #	44
41) Methacrylonitrile	4.76	41	201	28.907	ug/l #	25
43) Isopropyl Acetate	6.97	43	74	4.598	ug/l #	43
48) Methyl methacrylate	6.69	41	189	19.514	ug/l #	17
51) 4-Methyl-2-Pentanone	8.21	43	312	27.131	ug/l #	34
58) 2-Chloroethyl Vinyl ether	7.24	63	66	25.182	ug/l #	44
59) 2-Hexanone	9.45	43	66	8.188	ug/l #	23
74) N-amyl acetate	11.40	43	222	40.343	ug/l #	44

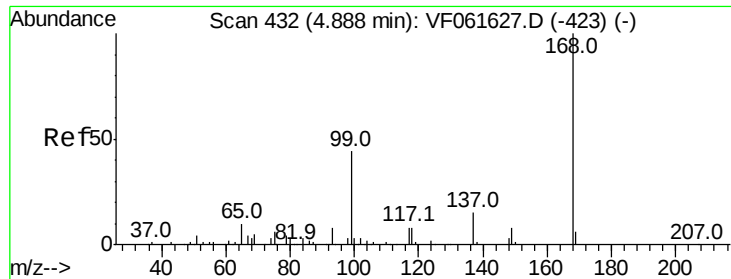
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061774.D
Acq On : 27 Feb 2019 18:58
Operator : VA/AP
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.83	105	67	3.657	ug/l #	23
82) 4-Chlorotoluene	12.02	91	60	3.923	ug/l #	37
86) p-Isopropyltoluene	12.46	119	225	10.215	ug/l #	50
89) n-Butylbenzene	12.70	91	68	3.269	ug/l #	28
92) 1,2-Dibromo-3-Chloropropan	13.76	75	66	101.353	ug/l #	1
95) Naphthalene	14.50	128	64	4.859	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

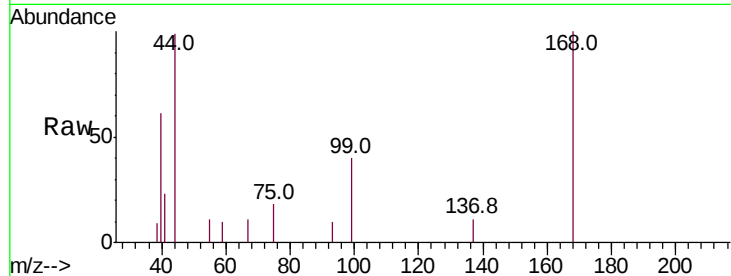
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:168 Resp: 2902

Ion Ratio Lower Upper

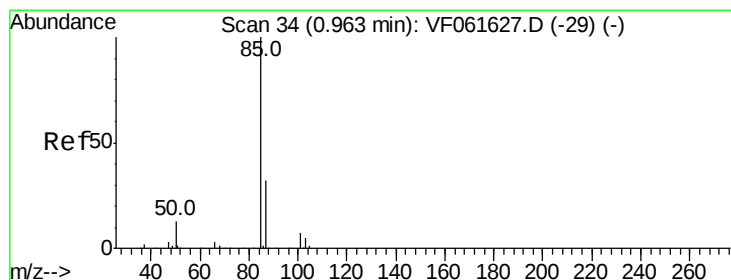
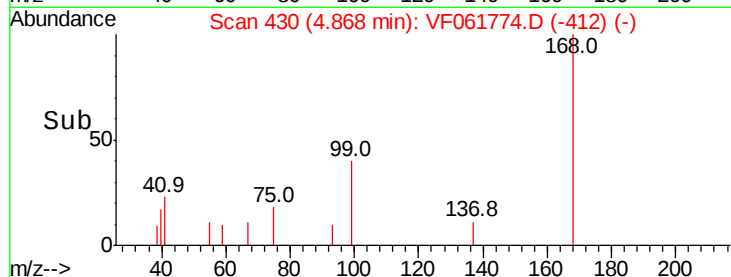
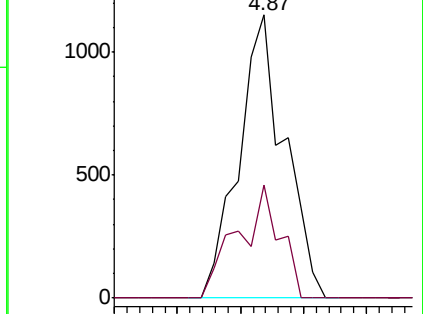
168 100

99 40.0 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 2.130 ug/l

RT: 1.09 min Scan# 47

Delta R.T. 0.13 min

Lab File: VF061774.D

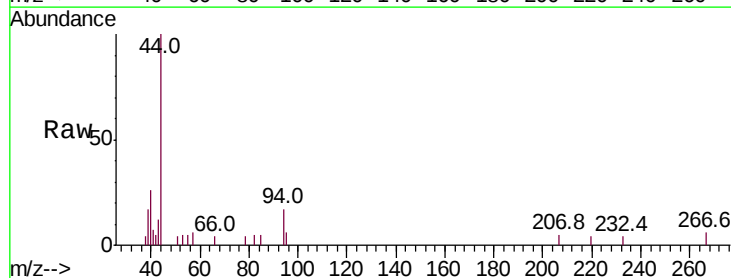
Acq: 27 Feb 2019 18:58

Tgt Ion: 85 Resp: 71

Ion Ratio Lower Upper

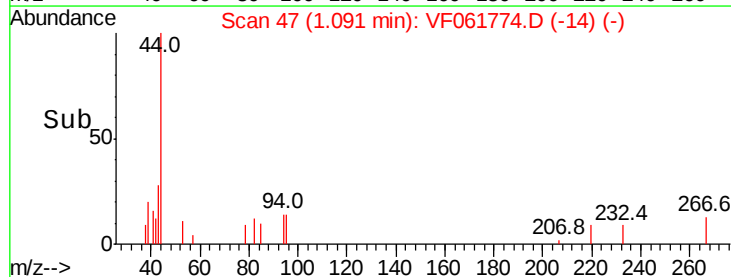
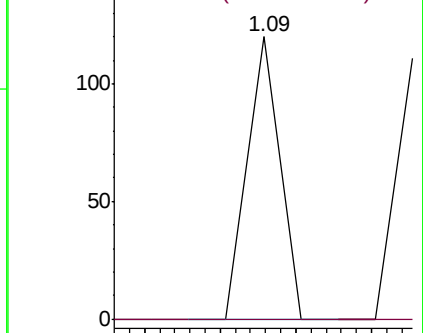
85 100

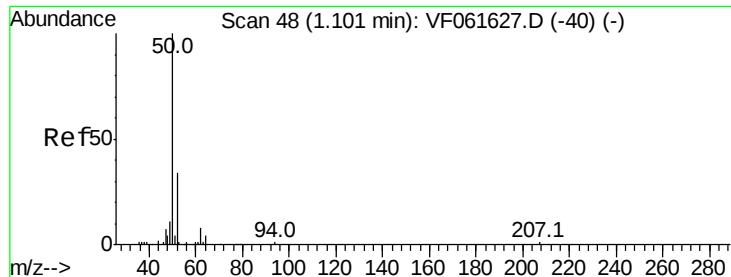
87 0.0 16.1 48.2#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 9.609 ug/l

RT: 1.12 min Scan# 50

Delta R.T. 0.02 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

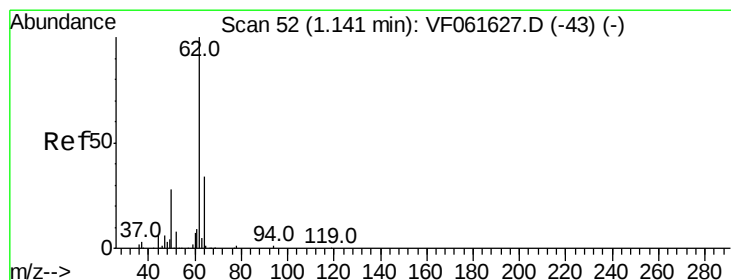
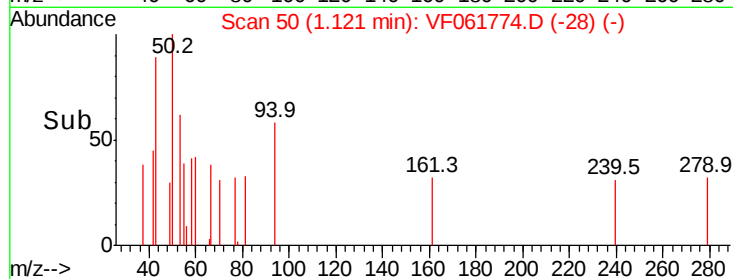
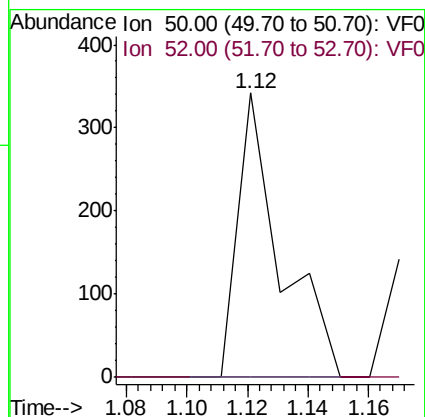
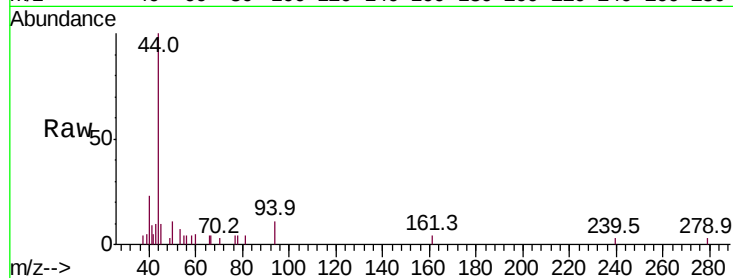
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 336

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.4#



#4

Vinyl Chloride

Concen: 2.553 ug/l

RT: 1.29 min Scan# 67

Delta R.T. 0.15 min

Lab File: VF061774.D

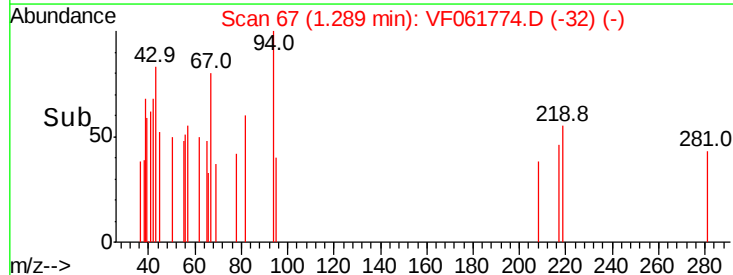
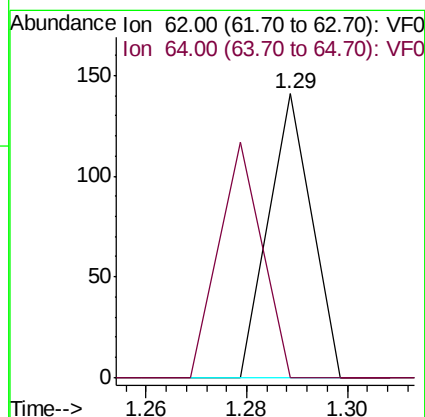
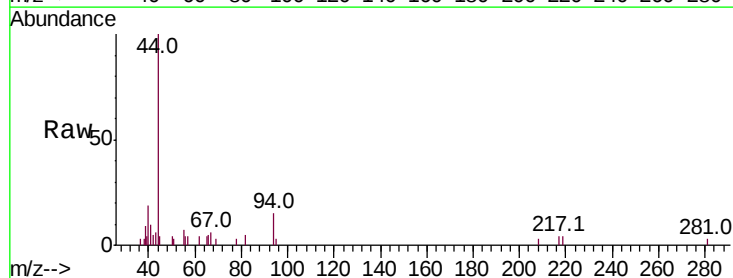
Acq: 27 Feb 2019 18:58

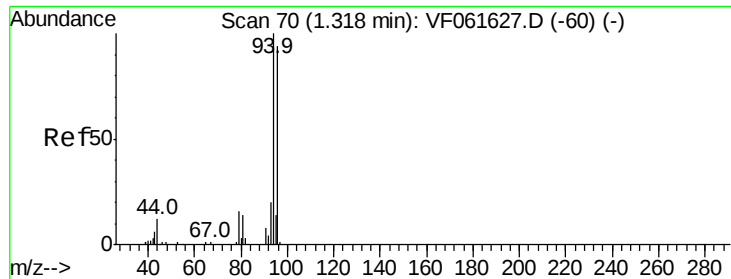
Tgt Ion: 62 Resp: 83

Ion Ratio Lower Upper

62 100

64 0.0 27.5 41.3#





#5

Bromomethane

Concen: 35.714 ug/l

RT: 1.29 min Scan# 67

Delta R.T. -0.03 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_F

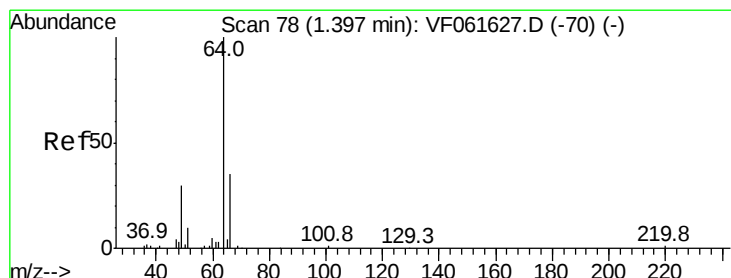
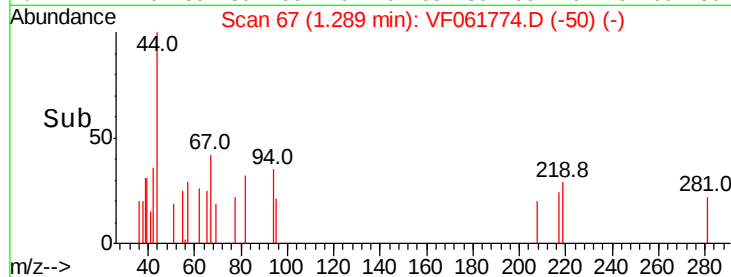
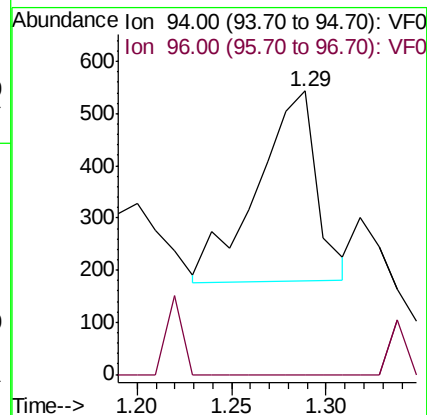
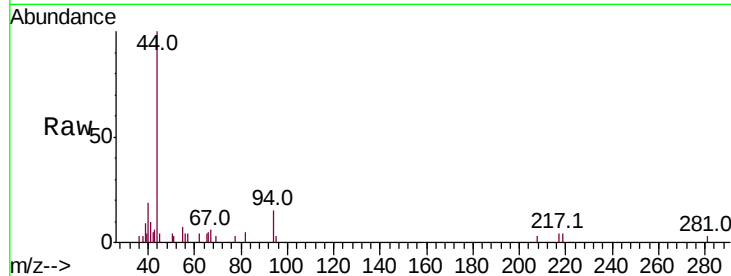
ClientSampleId :

Tot Ion: 94 Resp: 799

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



#6

Chloroethane

Concen: 4.307 ug/l

RT: 1.28 min Scan# 66

Delta R.T. -0.12 min

Lab File: VF061774.D

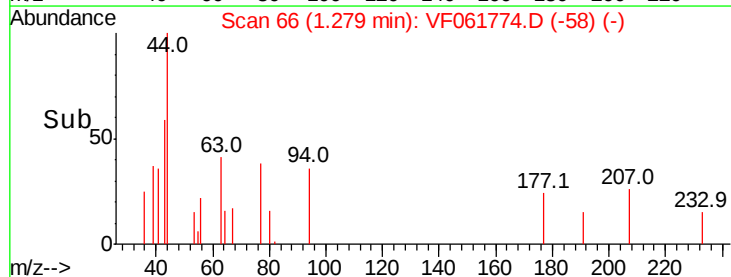
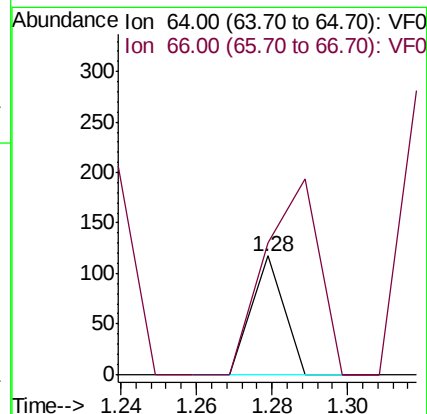
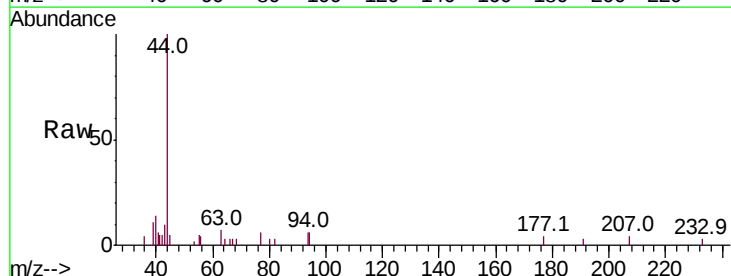
Acq: 27 Feb 2019 18:58

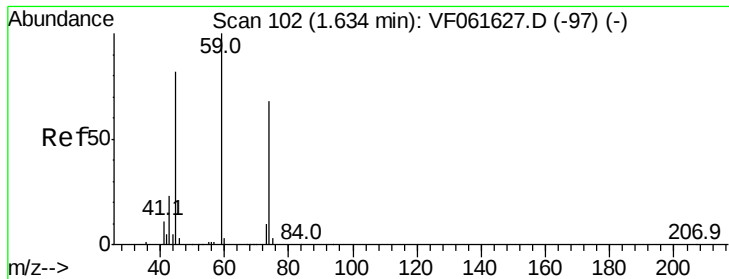
Tgt Ion: 64 Resp: 69

Ion Ratio Lower Upper

64 100

66 111.1 27.9 41.9#





#8

Diethyl Ether

Concen: 13.663 ug/l

RT: 1.60 min Scan# 99

Delta R.T. -0.03 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

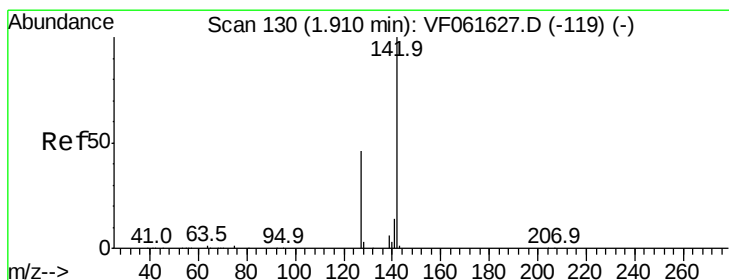
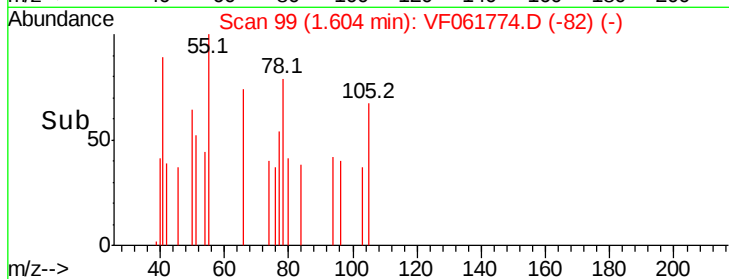
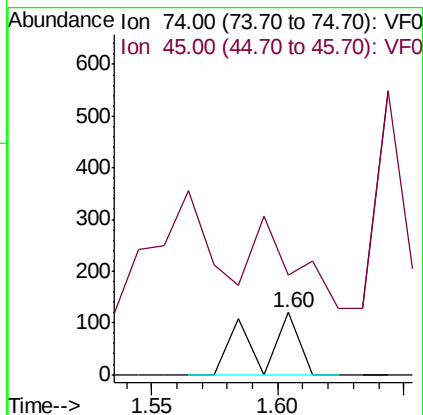
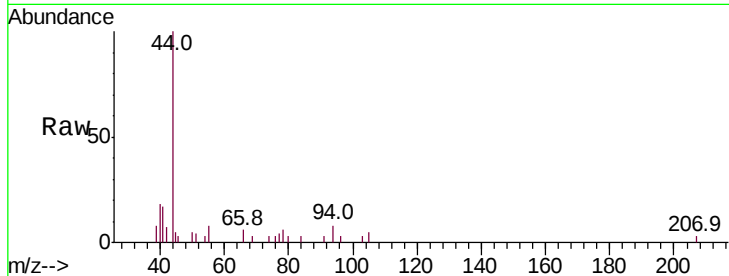
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 74 Resp: 135

Ion Ratio Lower Upper

74 100

45 159.2 60.8 182.3



#10

Methyl Iodide

Concen: 1.481 ug/l

RT: 1.88 min Scan# 127

Delta R.T. -0.03 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

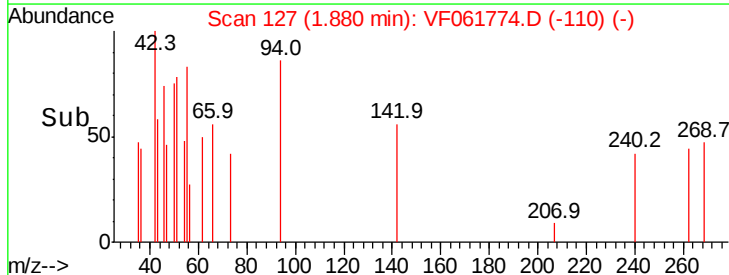
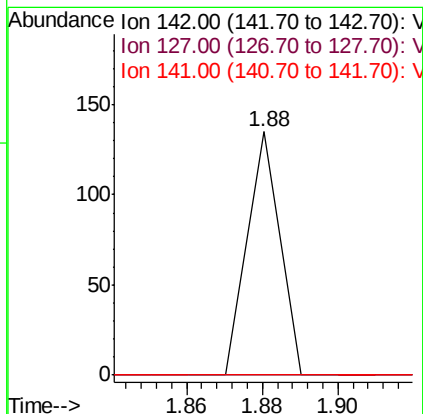
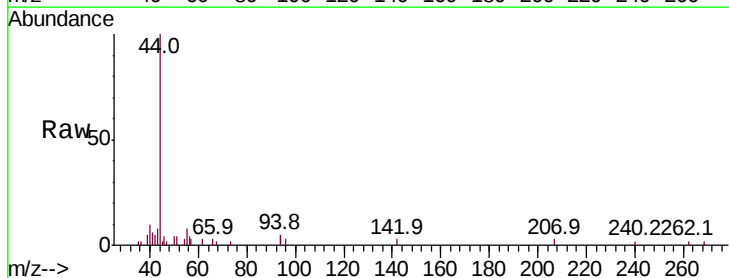
Tgt Ion: 142 Resp: 80

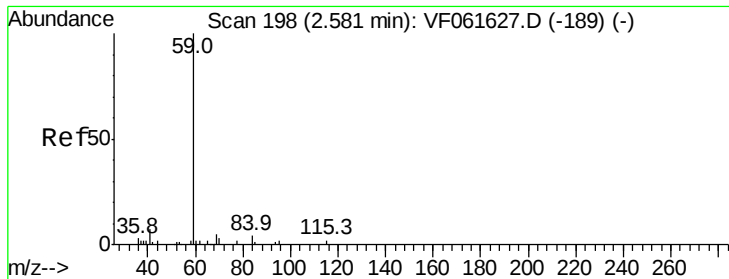
Ion Ratio Lower Upper

142 100

127 0.0 36.6 55.0#

141 0.0 11.0 16.6#



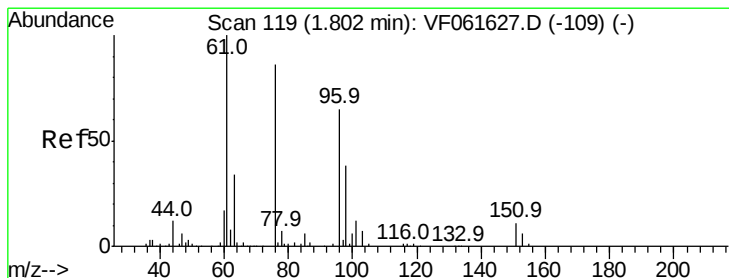
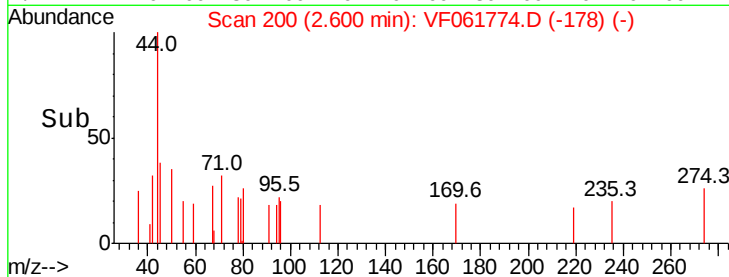
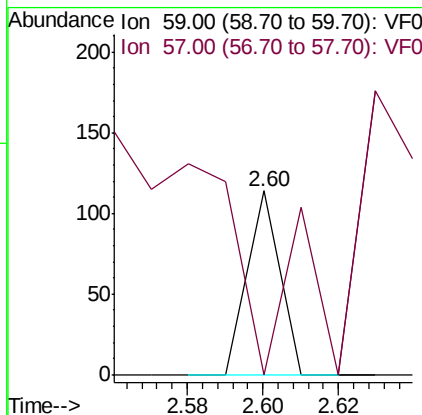
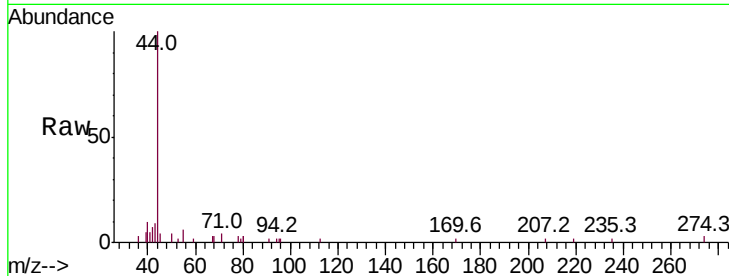


#11

Tert butyl alcohol
 Concen: 54.401 ug/l
 RT: 2.60 min Scan# 200
 Delta R.T. 0.02 min
 Lab File: VF061774.D
 Acq: 27 Feb 2019 18:58

Instrument :
 MSVOA_F
 ClientSampleId :

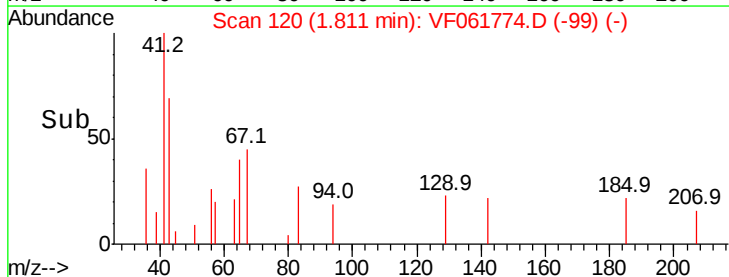
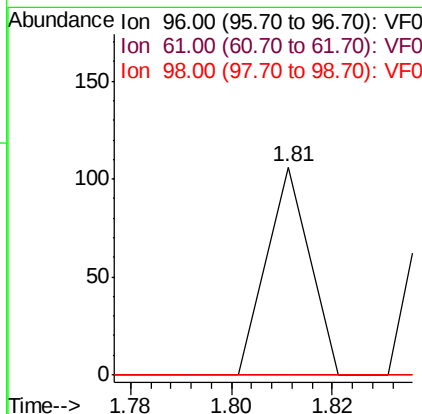
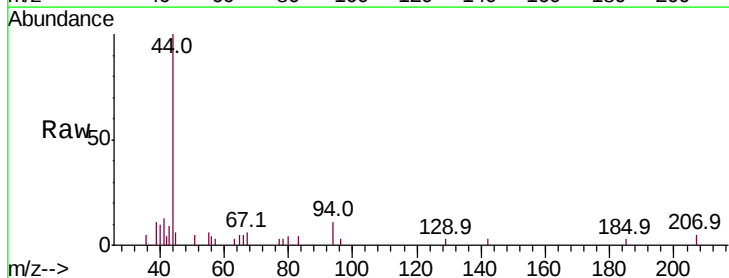
Tot Ion: 59 Resp: 67
 Ion Ratio Lower Upper
 59 100
 57 0.0 12.5 18.7#

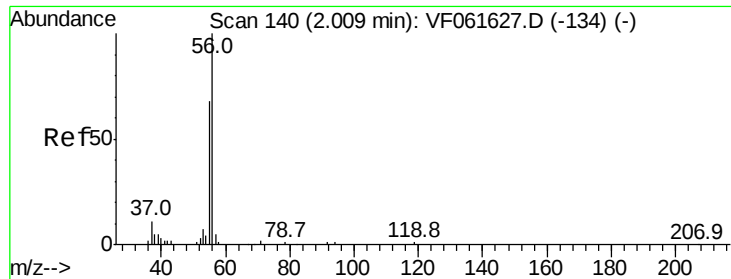


#12

1,1-Dichloroethene
 Concen: 2.533 ug/l
 RT: 1.81 min Scan# 120
 Delta R.T. 0.01 min
 Lab File: VF061774.D
 Acq: 27 Feb 2019 18:58

Tgt Ion: 96 Resp: 63
 Ion Ratio Lower Upper
 96 100
 61 0.0 122.6 184.0#
 98 0.0 47.2 70.8#





#13

Acrolein

Concen: 380.516 ug/l

RT: 2.02 min Scan# 141

Delta R.T. 0.01 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

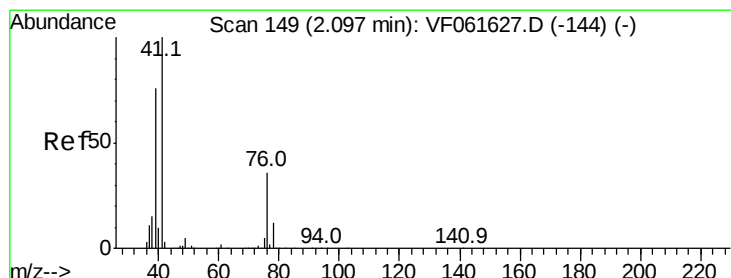
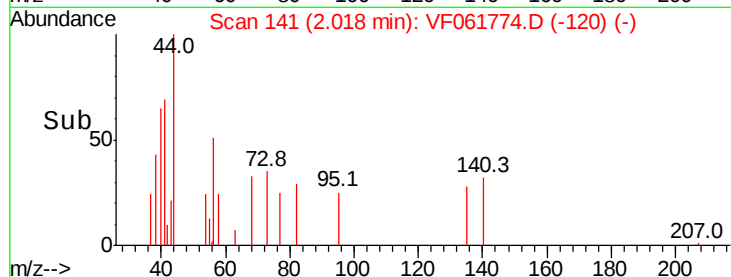
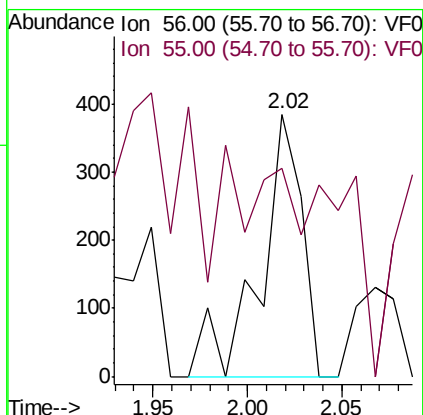
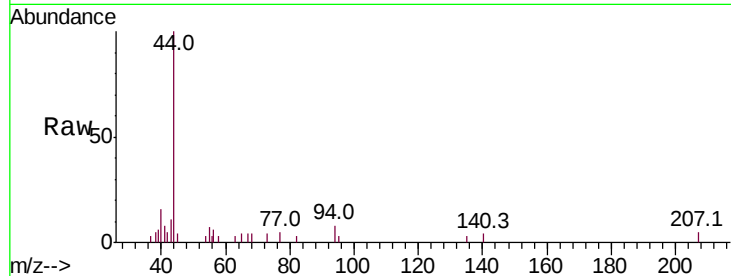
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 589

Ion Ratio Lower Upper

56 100

55 79.2 55.0 82.6



#14

Allyl chloride

Concen: 24.939 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.00 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

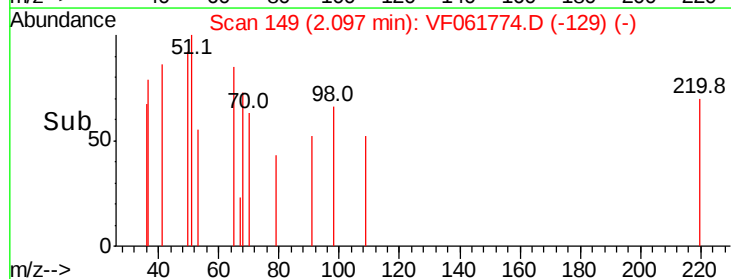
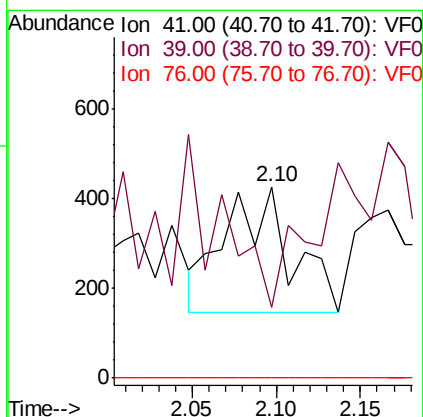
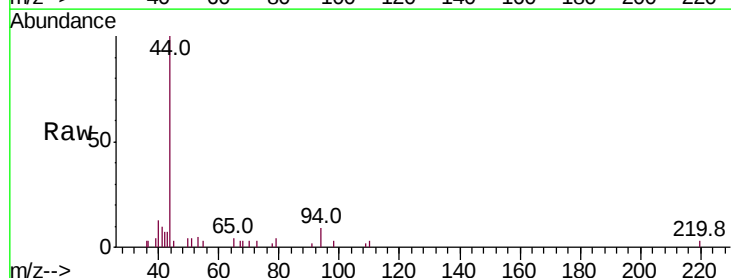
Tgt Ion: 41 Resp: 761

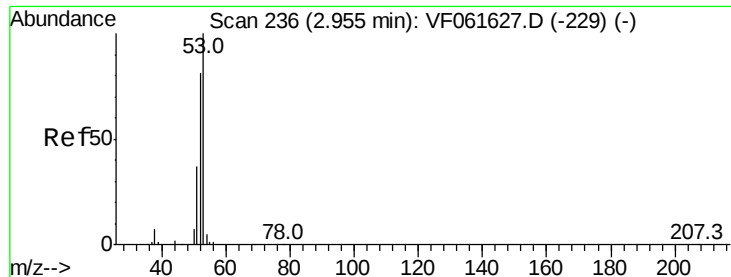
Ion Ratio Lower Upper

41 100

39 36.8 61.6 92.4#

76 0.0 30.3 45.5#





#15

Acrylonitrile

Concen: 36.168 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.02 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampled :

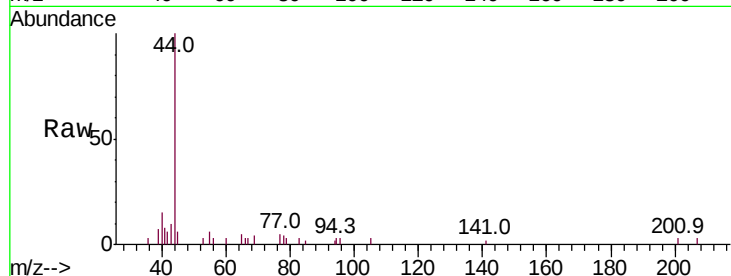
Tot Ion: 53 Resp: 158

Ion Ratio Lower Upper

53 100

52 0.0 64.6 97.0#

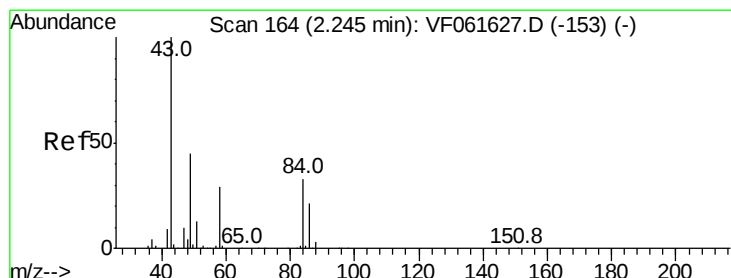
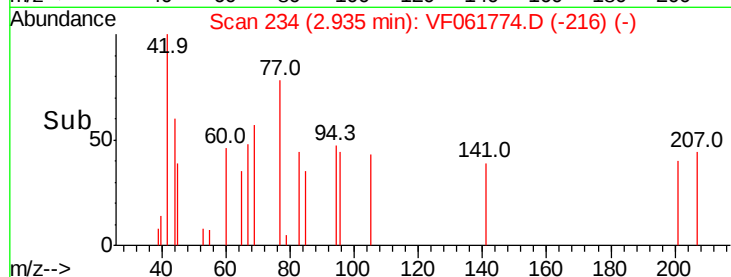
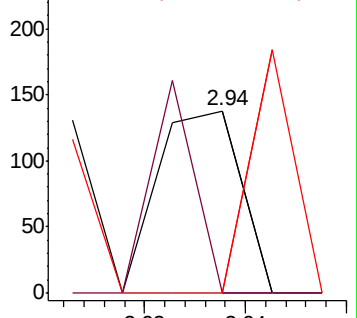
51 0.0 29.8 44.8#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 97.243 ug/l

RT: 2.15 min Scan# 154

Delta R.T. -0.10 min

Lab File: VF061774.D

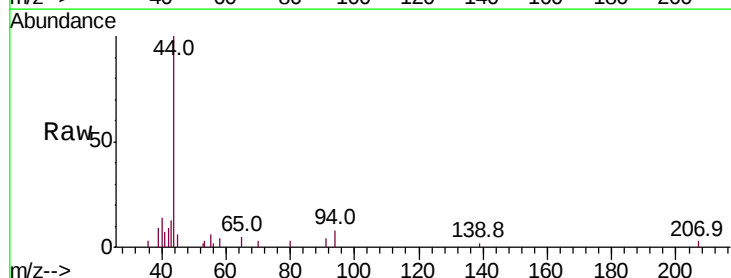
Acq: 27 Feb 2019 18:58

Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

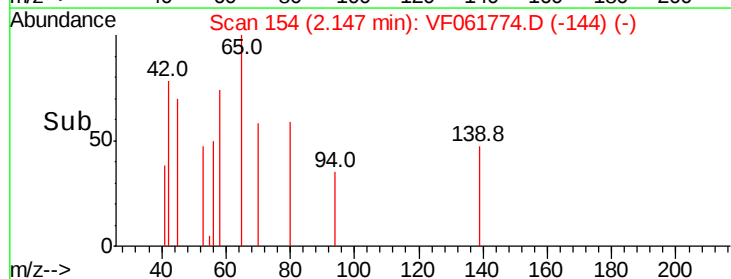
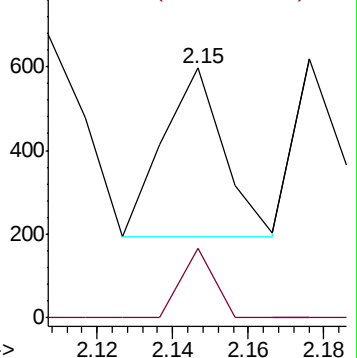
43 100

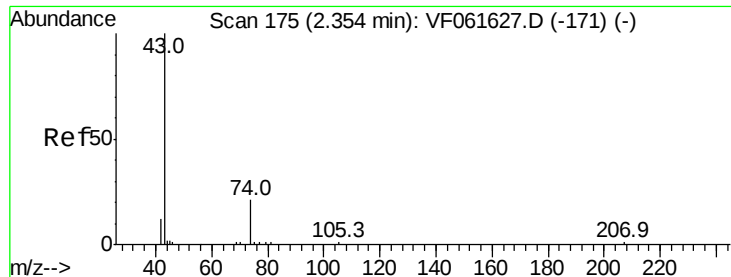
58 27.7 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

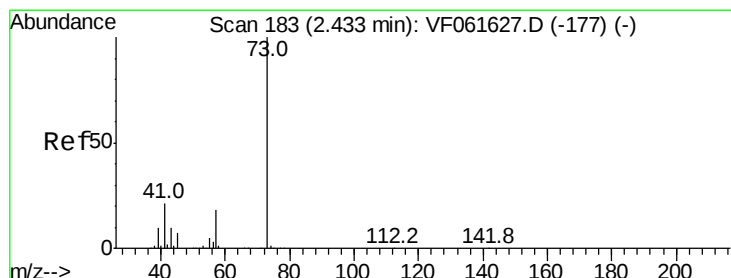
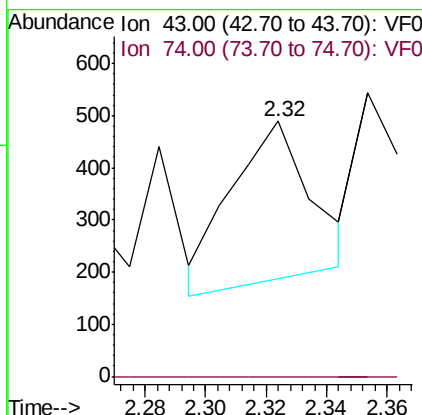
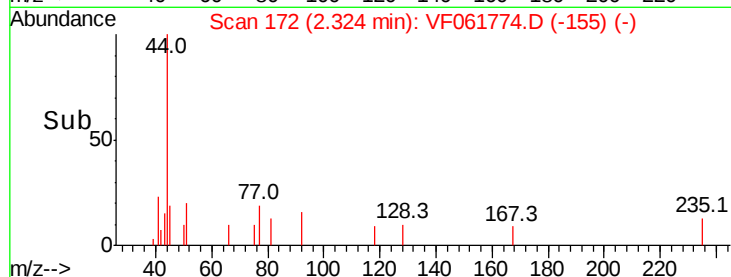
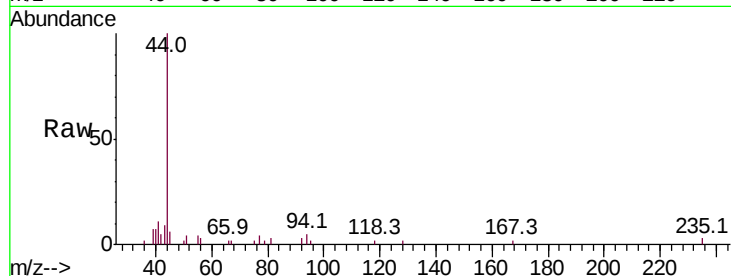




#18
Methyl Acetate
Concen: 54.541 ug/l
RT: 2.32 min Scan# 172
Delta R.T. -0.03 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

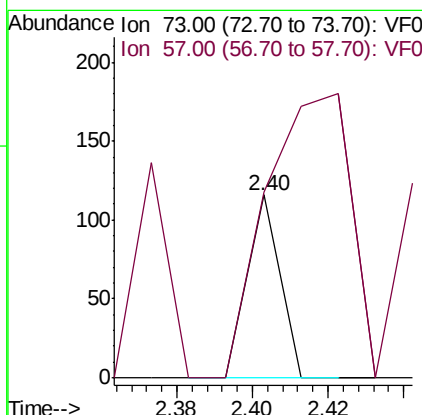
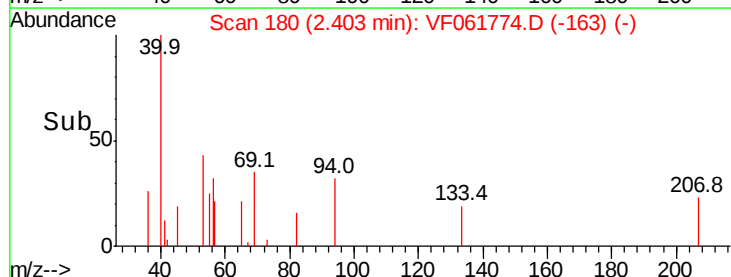
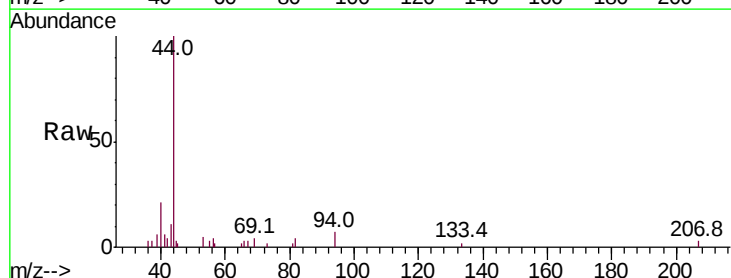
Instrument :
MSVOA_F
ClientSampled :

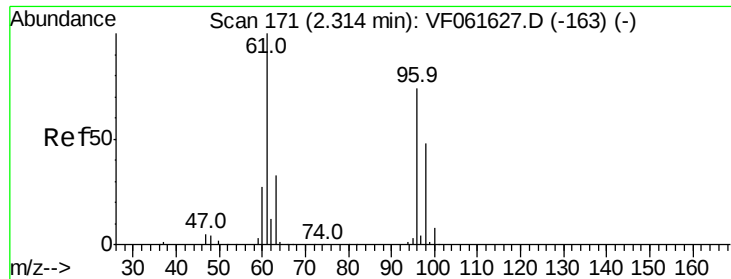
Tot Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
74 0.0 14.6 21.8#



#19
Methyl tert-butyl Ether
Concen: 1.624 ug/l
RT: 2.40 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 73 Resp: 69
Ion Ratio Lower Upper
73 100
57 101.7 15.8 23.8#





#21

trans-1,2-Dichloroethene

Concen: 6.733 ug/l

RT: 2.36 min Scan# 176

Delta R.T. 0.05 min

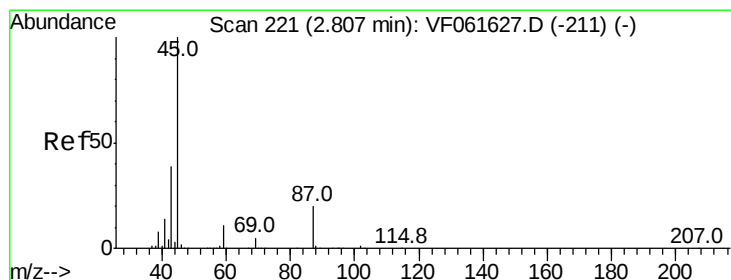
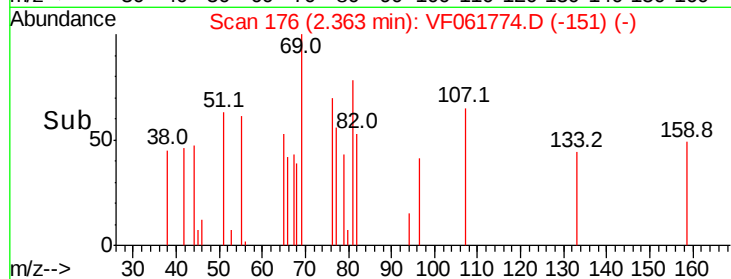
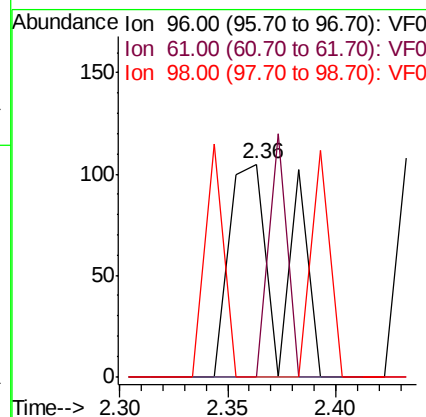
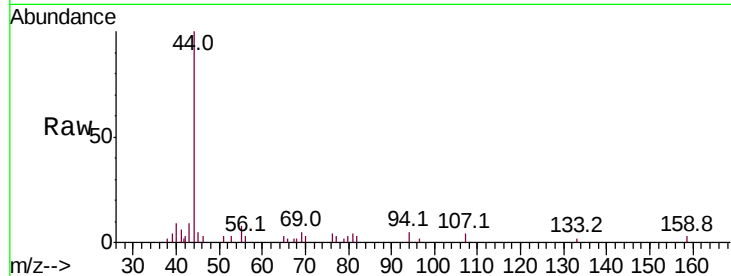
Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 96 Resp: 182

Ion	Ratio	Lower	Upper
96	100		
61	0.0	108.2	162.4#
98	0.0	52.2	78.2#



#22

Diisopropyl ether

Concen: 11.959 ug/l

RT: 2.79 min Scan# 219

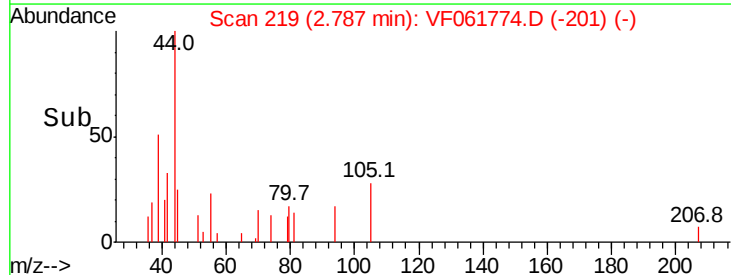
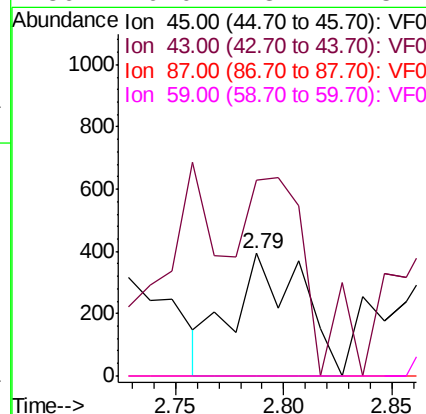
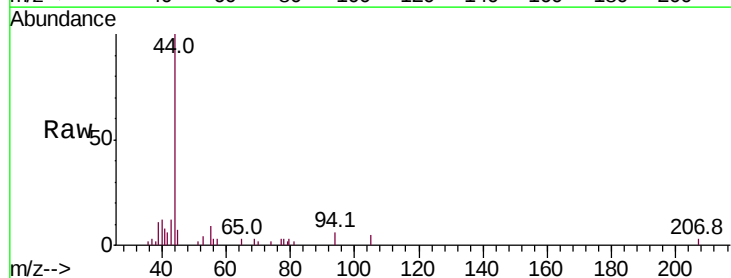
Delta R.T. -0.02 min

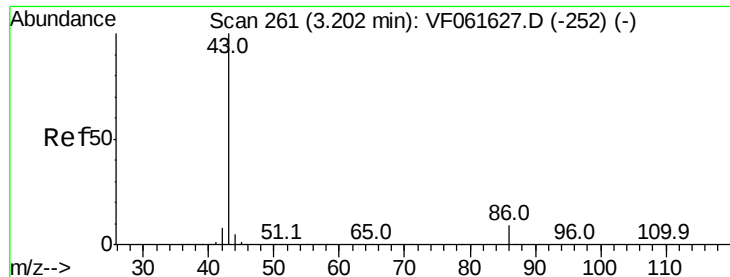
Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Tgt Ion: 45 Resp: 876

Ion	Ratio	Lower	Upper
45	100		
43	160.2	31.4	47.2#
87	0.0	16.3	24.5#
59	0.0	8.7	13.1#





#23

Vinyl Acetate

Concen: 16.882 ug/l

RT: 3.17 min Scan# 258

Delta R.T. -0.03 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

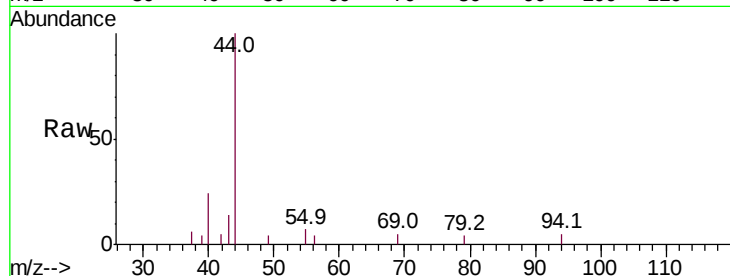
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 604

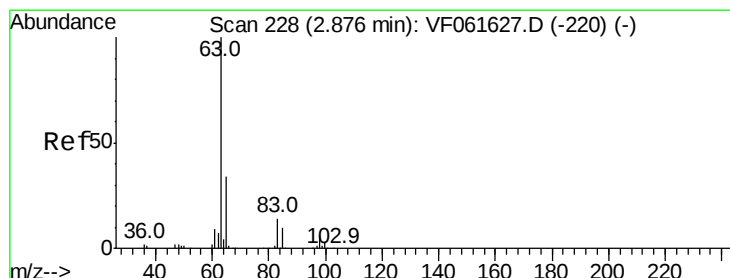
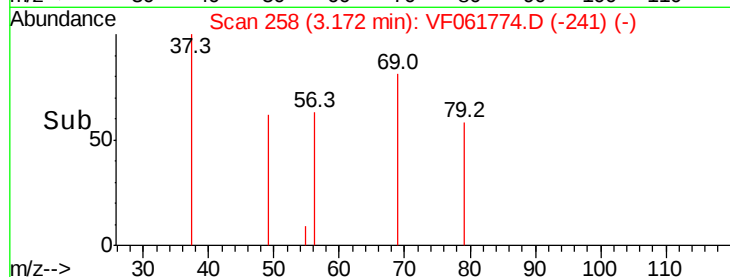
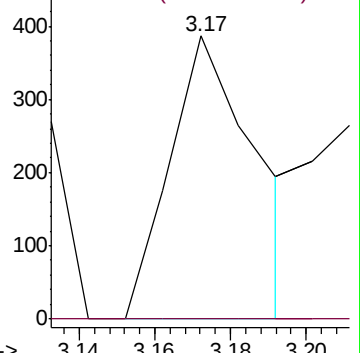
Ion Ratio Lower Upper

43 100

86 0.0 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0



#24

1,1-Dichloroethane

Concen: 1.399 ug/l

RT: 2.84 min Scan# 224

Delta R.T. -0.04 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

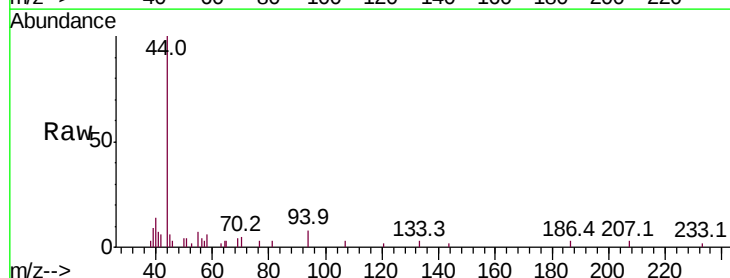
Tgt Ion: 63 Resp: 62

Ion Ratio Lower Upper

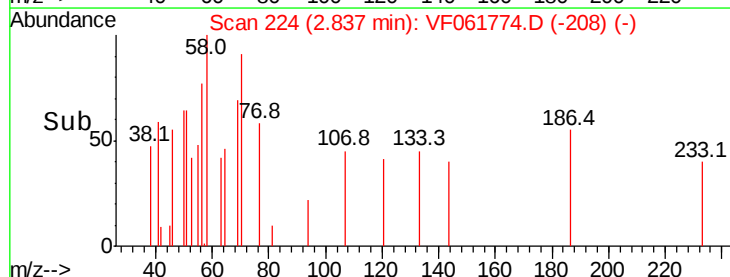
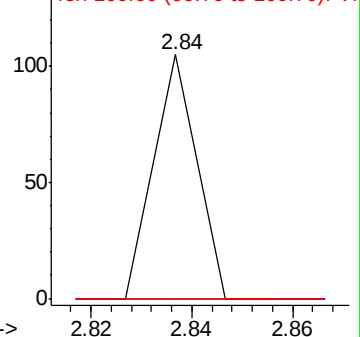
63 100

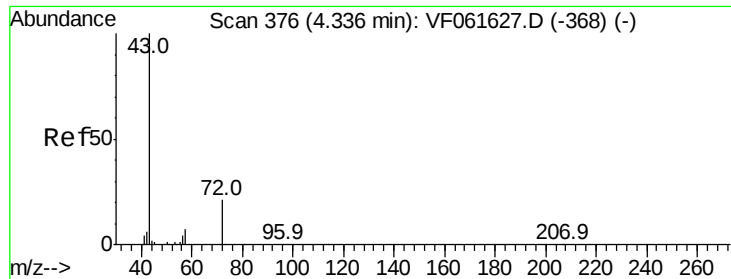
98 0.0 2.8 8.3#

100 0.0 1.8 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VF0





#25

2-Butanone

Concen: 26.370 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.01 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

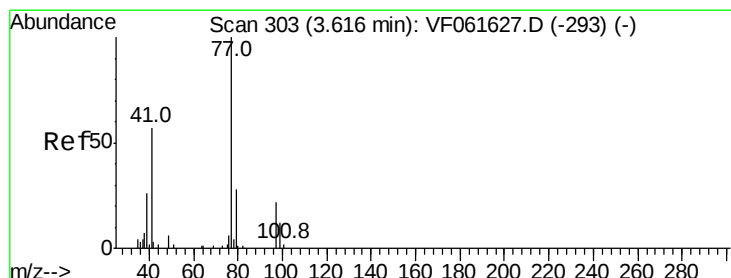
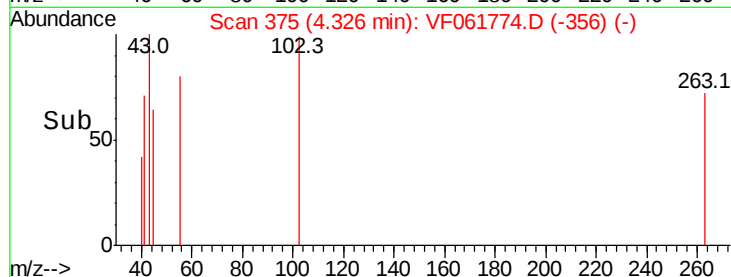
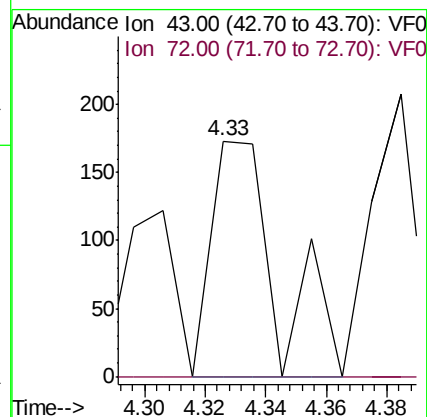
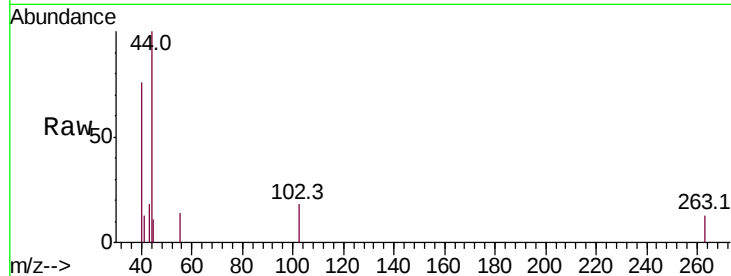
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

72 0.0 17.1 25.7#



#26

2,2-Dichloropropane

Concen: 3.568 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.01 min

Lab File: VF061774.D

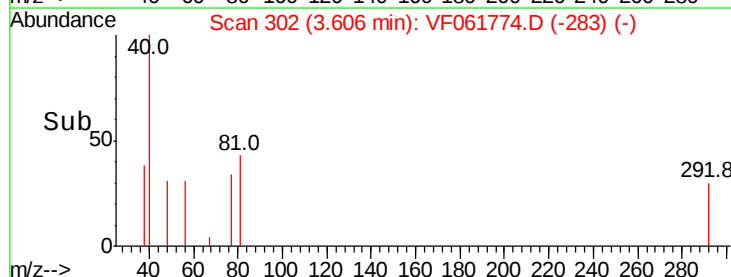
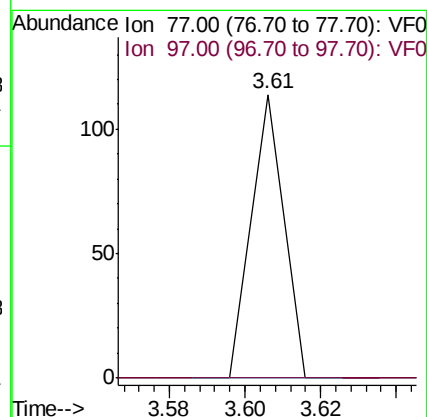
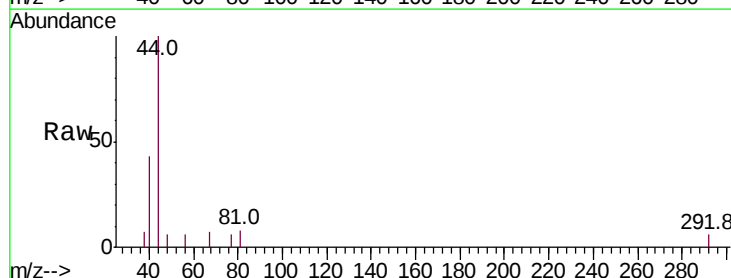
Acq: 27 Feb 2019 18:58

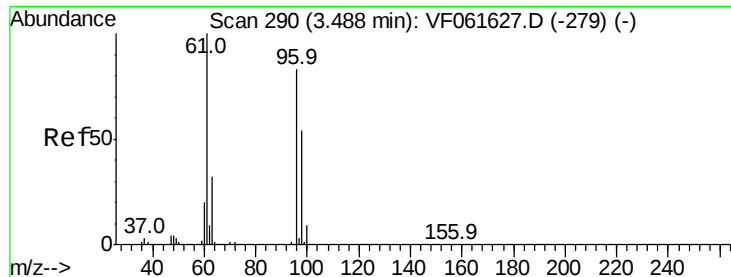
Tgt Ion: 77 Resp: 67

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



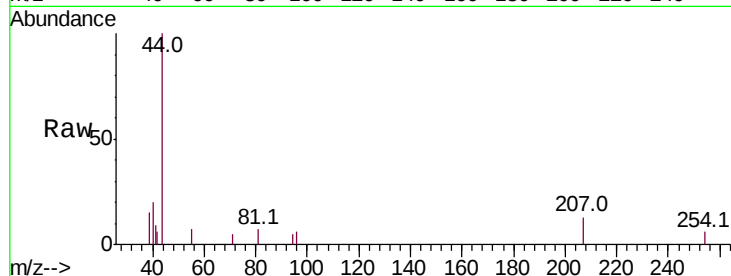


#27

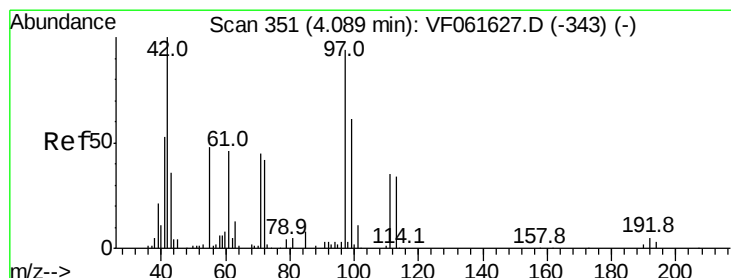
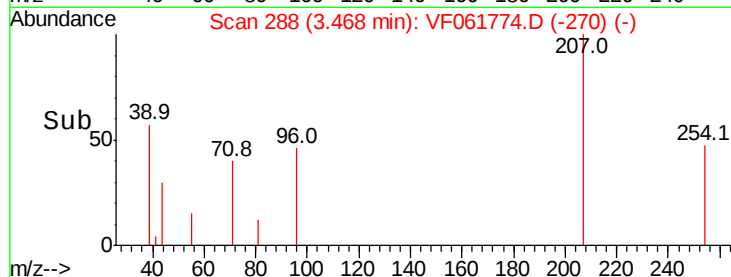
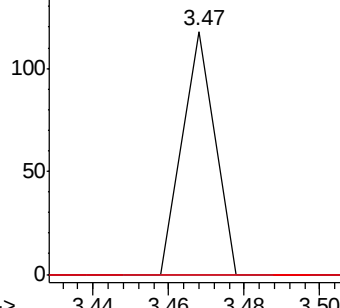
cis-1,2-Dichloroethene
Concen: 1.973 ug/l
RT: 3.47 min Scan# 288
Delta R.T. -0.02 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 96 Resp: 70
Ion Ratio Lower Upper
96 100
61 0.0 0.0 241.6
98 0.0 0.0 130.2



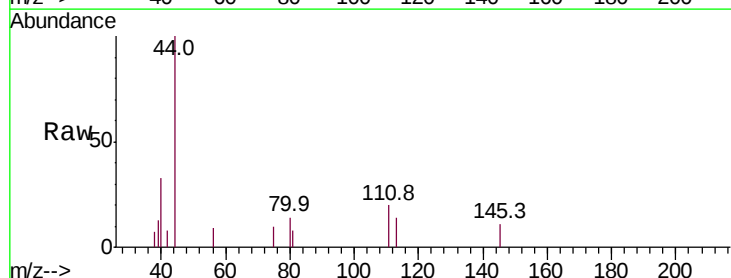
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



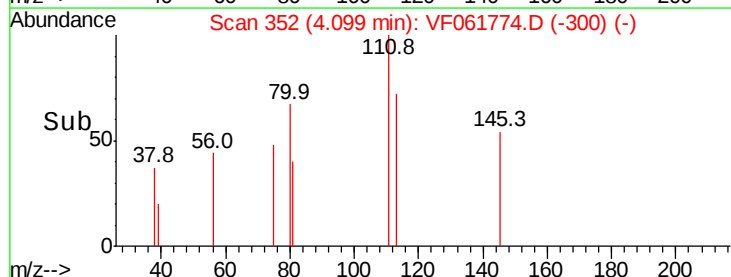
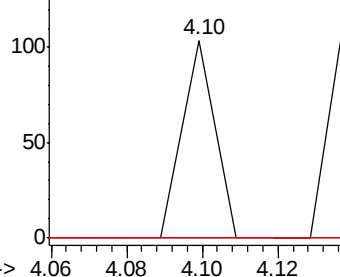
#29

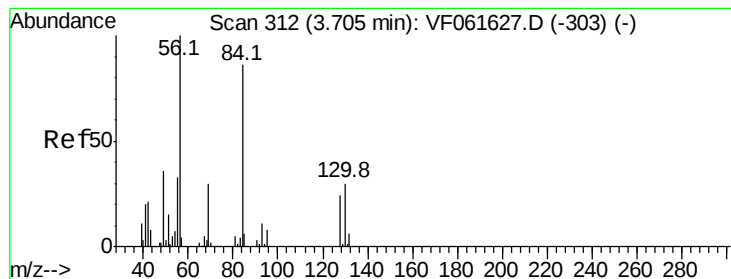
Tetrahydrofuran
Concen: 13.678 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.01 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 42 Resp: 62
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 0.0 32.9 49.3#



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





#31

Cyclohexane

Concen: 1.292 ug/l

RT: 3.61 min Scan# 302

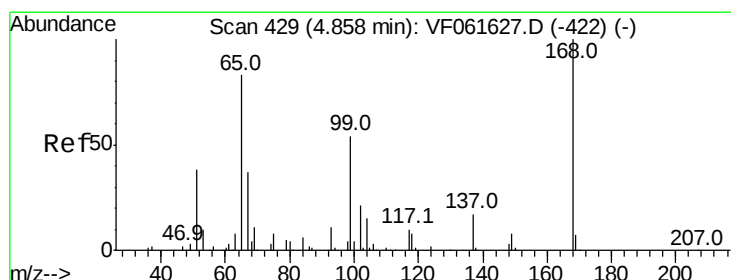
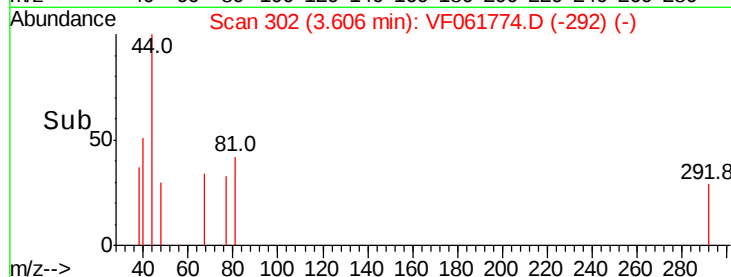
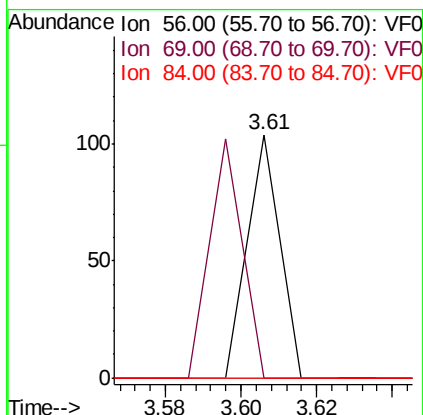
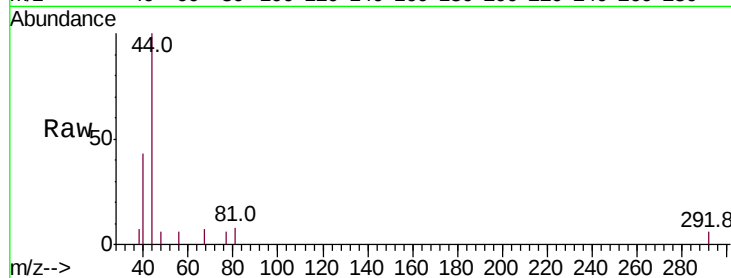
Delta R.T. -0.10 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	56	Resp:	62
Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.8	35.8#
84	0.0	68.6	103.0#



#33

1,2-Dichloroethane-d4

Concen: 3.571 ug/l

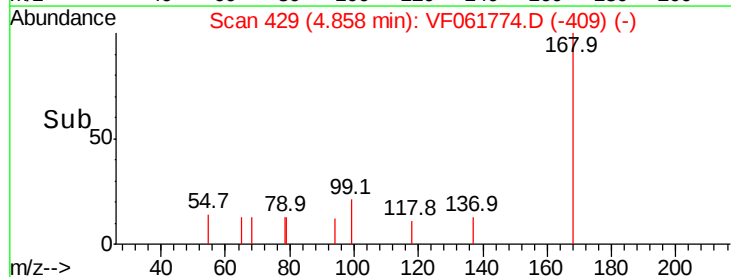
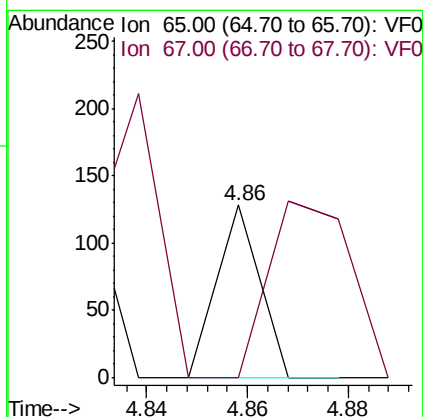
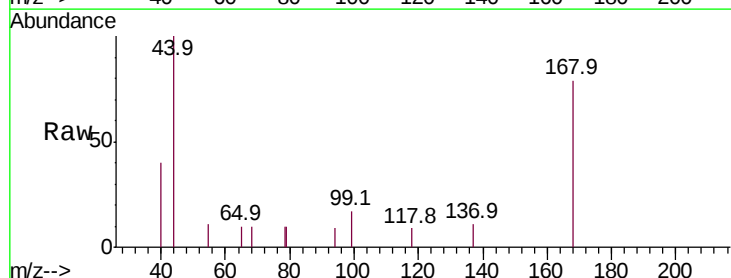
RT: 4.86 min Scan# 429

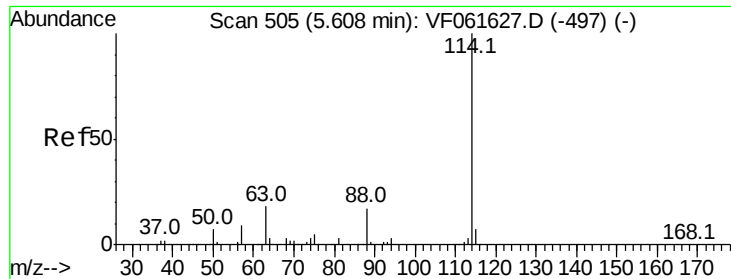
Delta R.T. -0.00 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	65	Resp:	76
Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	104.0

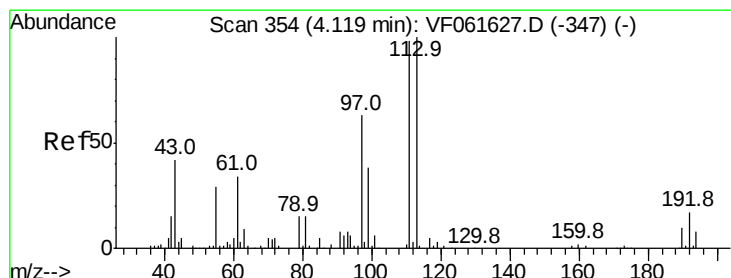
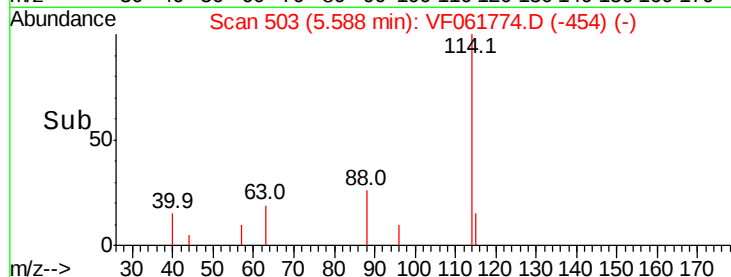
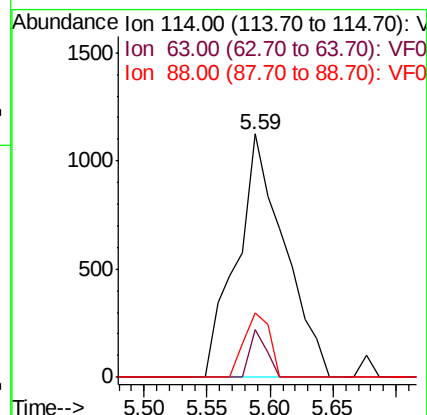
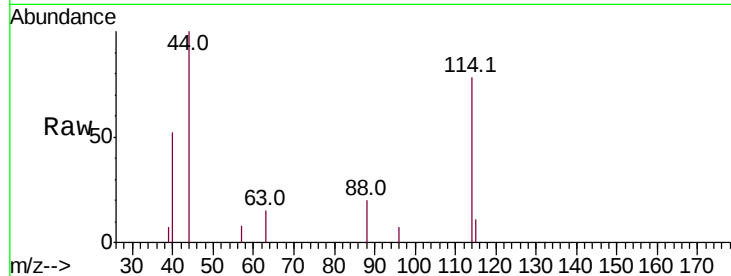




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

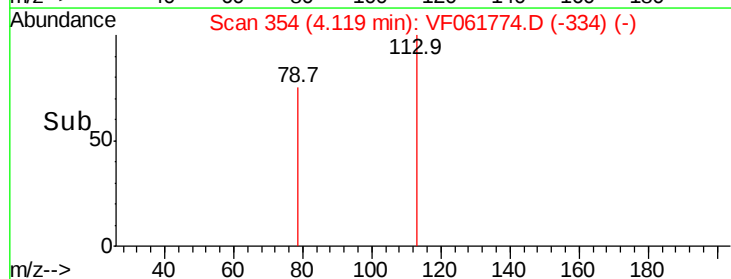
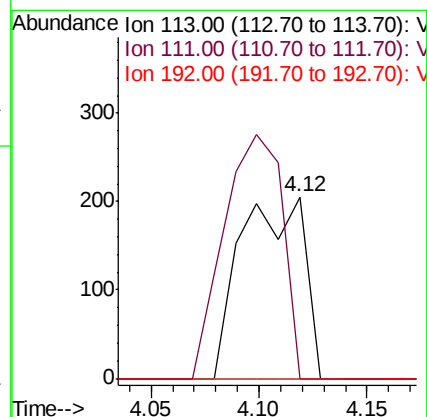
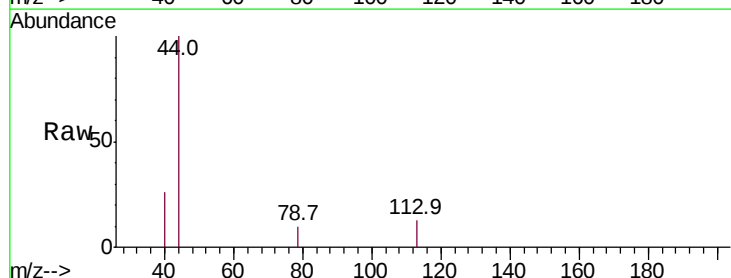
Instrument :
MSVOA_F
ClientSampled :

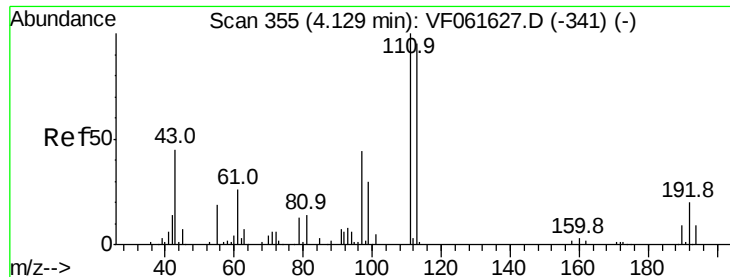
Tot Ion:114 Resp: 2955
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.6
88 26.2 0.0 34.4



#35
Dibromofluoromethane
Concen: 19.231 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Tgt Ion:113 Resp: 422
Ion Ratio Lower Upper
113 100
111 0.0 78.8 118.2#
192 0.0 13.4 20.0#

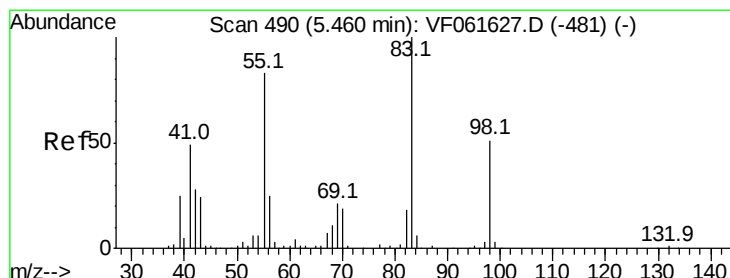
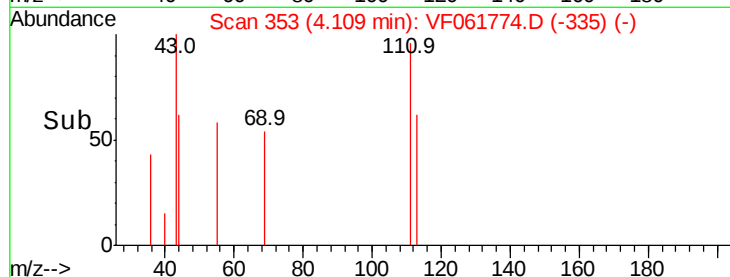
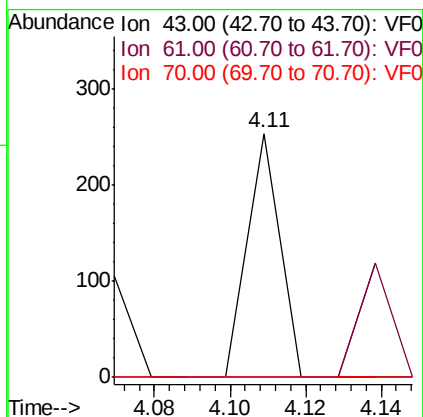
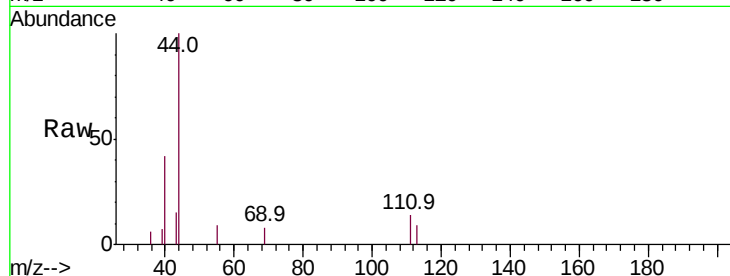




#37
Ethyl Acetate
Concen: 11.032 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.02 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

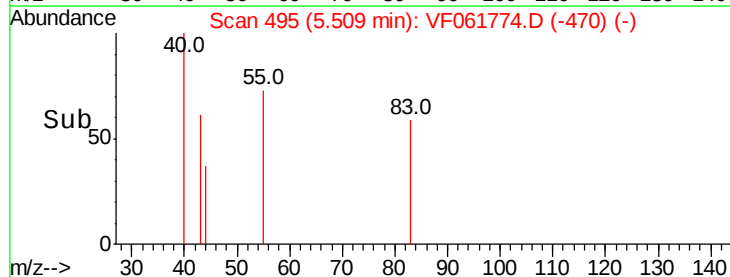
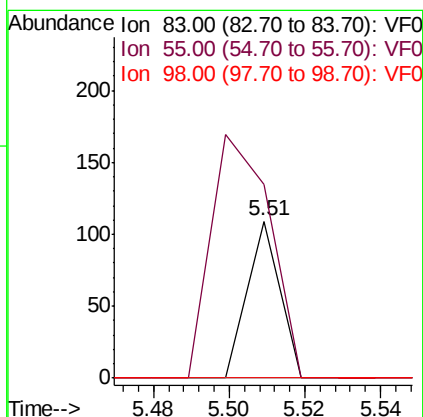
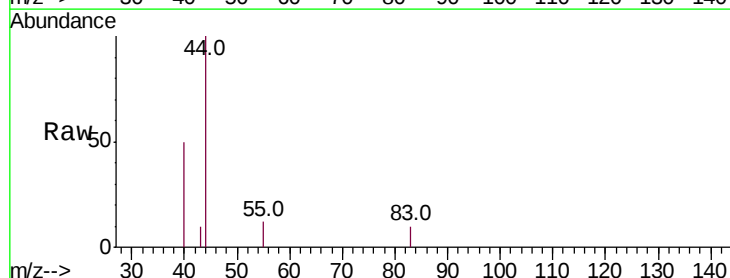
Instrument :
MSVOA_F
ClientSampled :

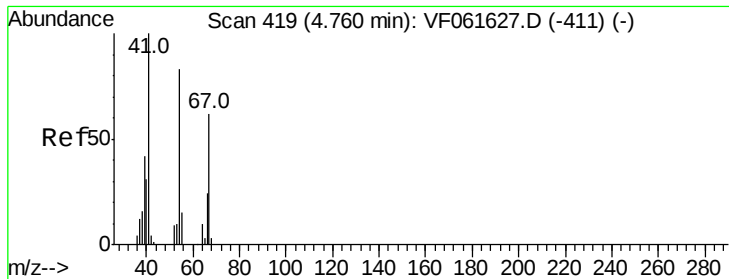
Tot Ion: 43 Resp: 150
Ion Ratio Lower Upper
43 100
61 0.0 45.7 68.5#
70 0.0 8.5 12.7#



#39
Methylcyclohexane
Concen: 1.849 ug/l
RT: 5.51 min Scan# 495
Delta R.T. 0.05 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 83 Resp: 64
Ion Ratio Lower Upper
83 100
55 123.9 66.6 99.8#
98 0.0 40.4 60.6#

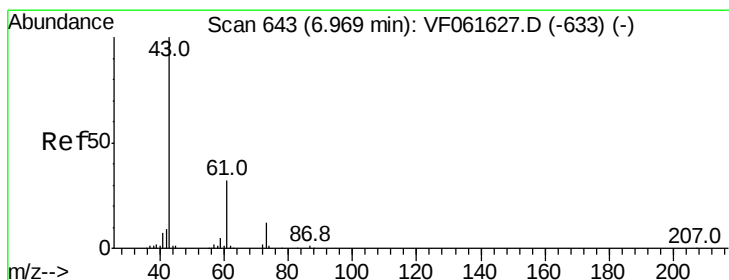
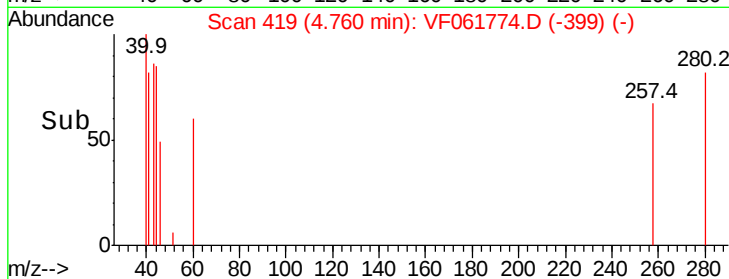
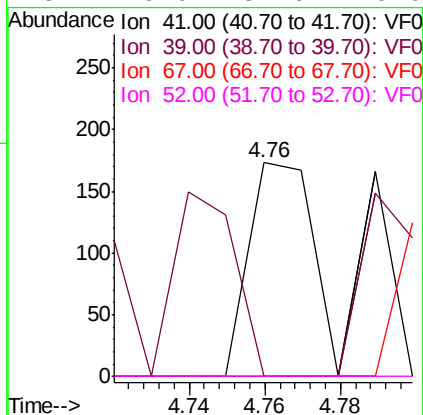
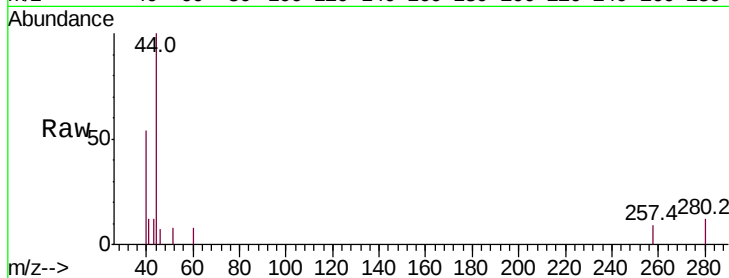




#41
Methacrylonitrile
Concen: 28.907 ug/l
RT: 4.76 min Scan# 419
Delta R.T. -0.00 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

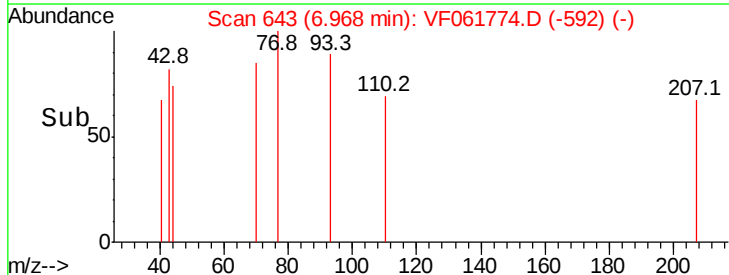
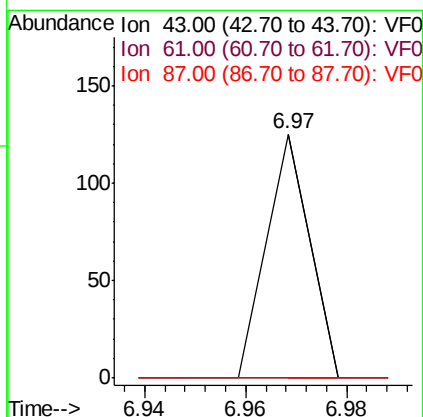
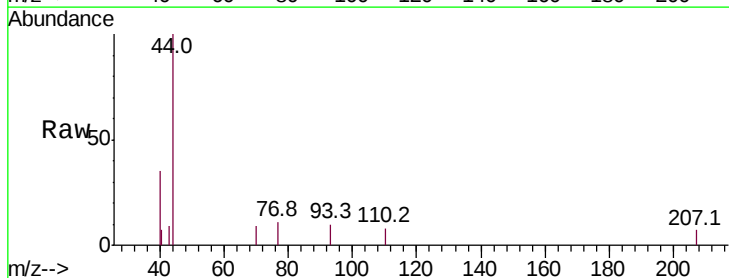
Instrument :
MSVOA_F
ClientSampled :

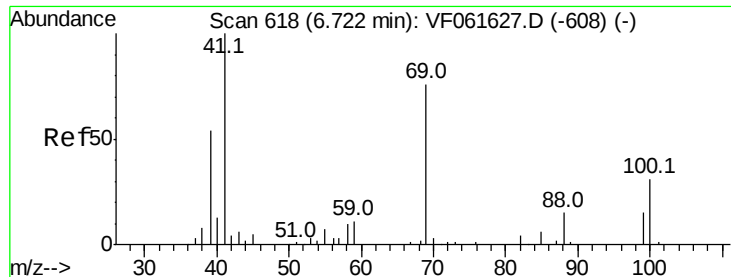
Tot Ion:	41	Resp:	201
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.3	67.9#
67	0.0	49.3	73.9#
52	0.0	32.6	49.0#



#43
Isopropyl Acetate
Concen: 4.598 ug/l
RT: 6.97 min Scan# 643
Delta R.T. -0.00 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Tgt Ion:	43	Resp:	74
Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.8	38.6#
87	0.0	0.4	0.6#





#48

Methyl methacrylate

Concen: 19.514 ug/l

RT: 6.69 min Scan# 615

Delta R.T. -0.03 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampled :

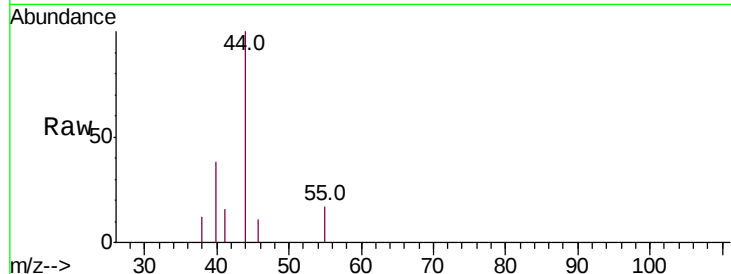
Tot Ion: 41 Resp: 189

Ion Ratio Lower Upper

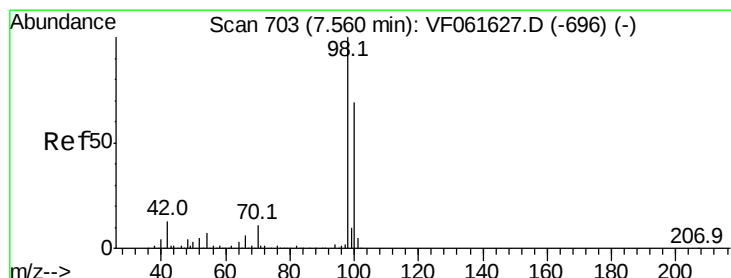
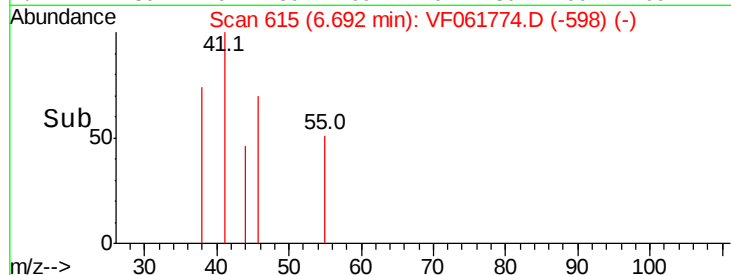
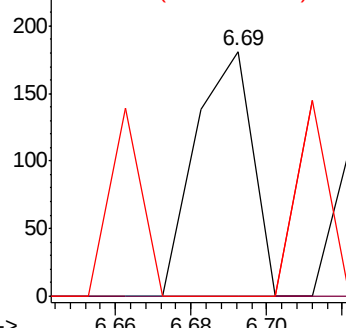
41 100

69 0.0 60.4 90.6#

39 0.0 43.7 65.5#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0



#50

Toluene-d8

Concen: 28.962 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061774.D

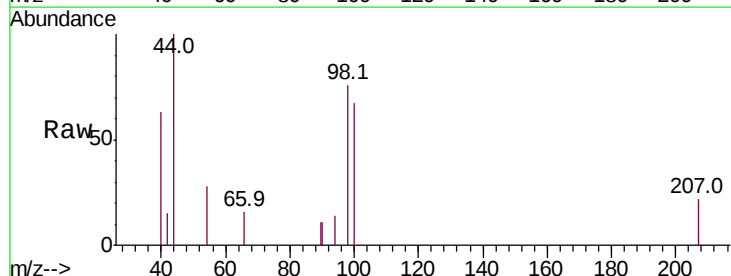
Acq: 27 Feb 2019 18:58

Tgt Ion: 98 Resp: 1827

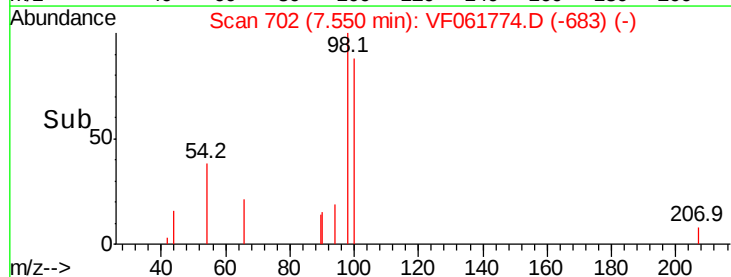
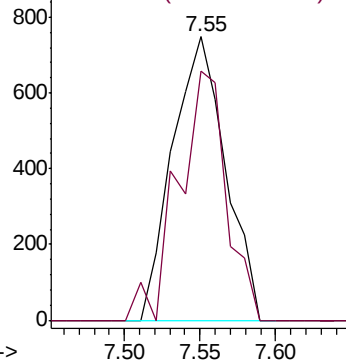
Ion Ratio Lower Upper

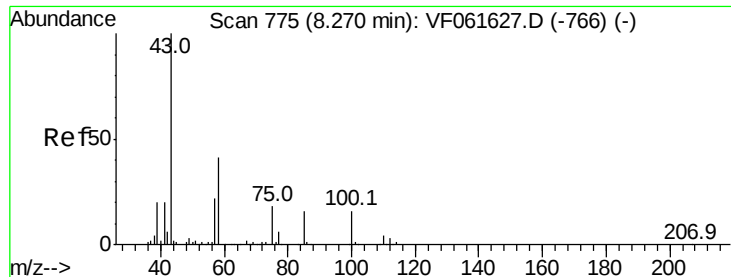
98 100

100 88.1 55.4 83.2#



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 27.131 ug/l

RT: 8.21 min Scan# 769

Delta R.T. -0.06 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_F

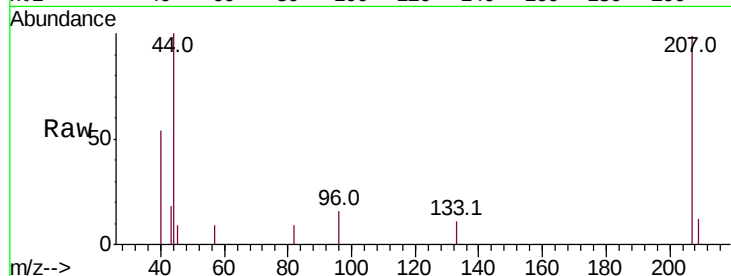
ClientSampled :

Tot Ion: 43 Resp: 312

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.21

200

150

100

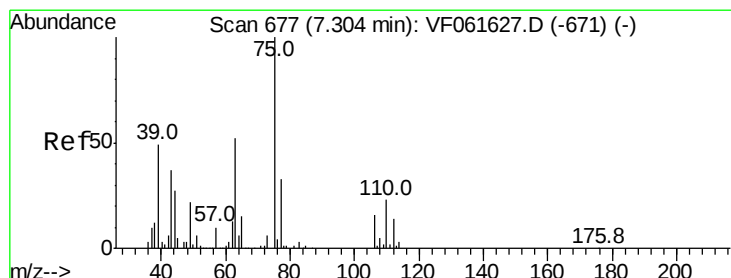
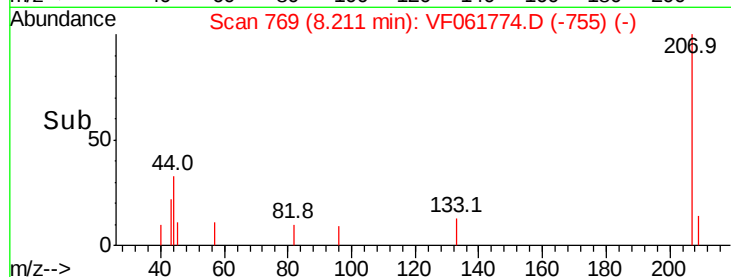
50

0

8.20

8.25

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 25.182 ug/l

RT: 7.24 min Scan# 671

Delta R.T. -0.06 min

Lab File: VF061774.D

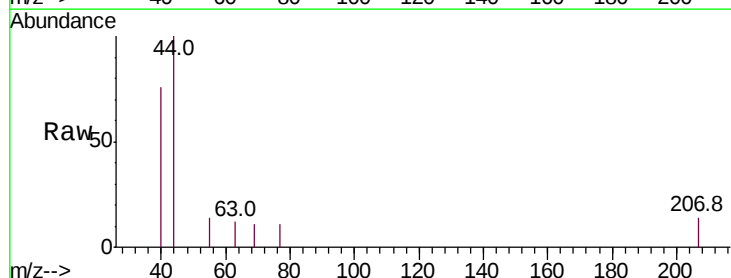
Acq: 27 Feb 2019 18:58

Tgt Ion: 63 Resp: 66

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.24

120

100

80

60

40

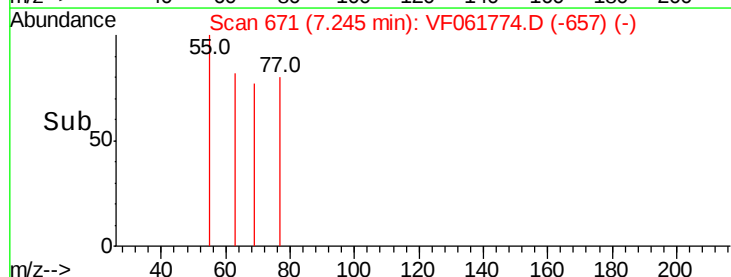
20

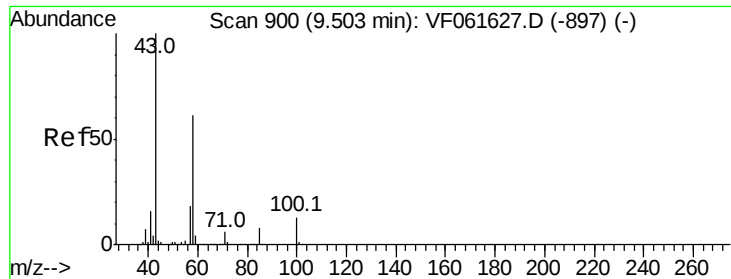
0

7.22

7.26

Time-->

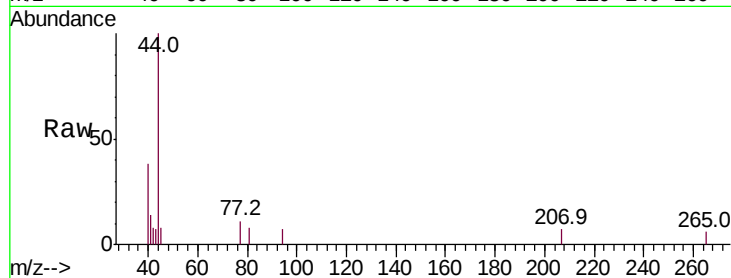




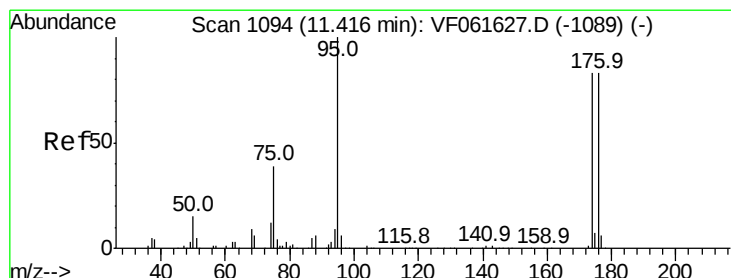
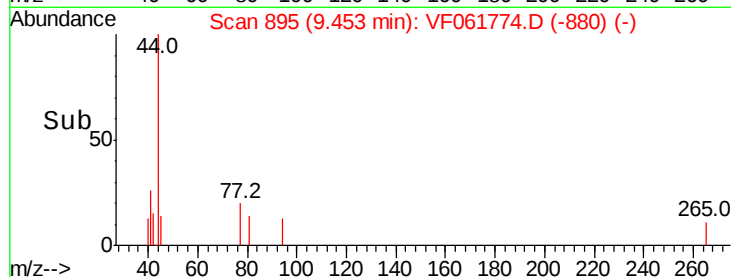
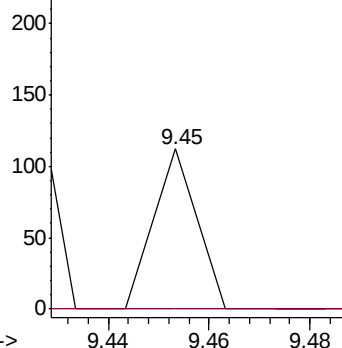
#59
2-Hexanone
Concen: 8.188 ug/l
RT: 9.45 min Scan# 895
Delta R.T. -0.05 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 28.5 85.5#

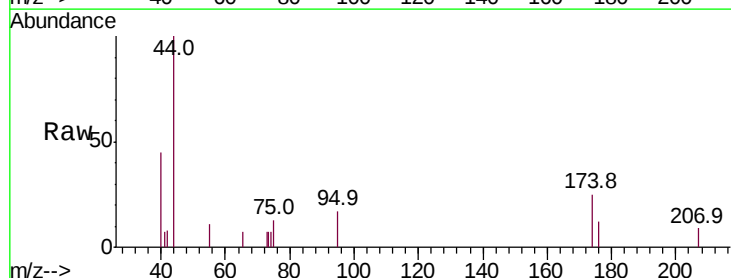


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

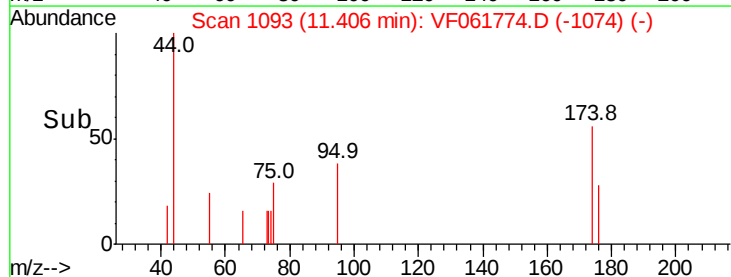
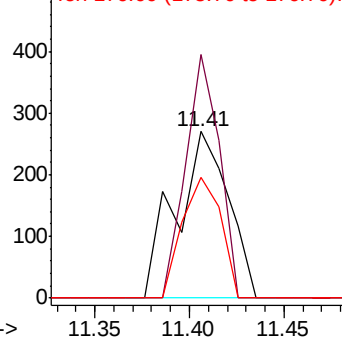


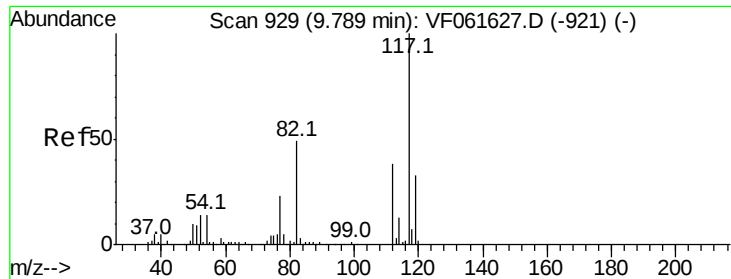
#62
4-Bromofluorobenzene
Concen: 20.333 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 95 Resp: 519
Ion Ratio Lower Upper
95 100
174 146.3 0.0 165.8
176 72.6 0.0 167.0



Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

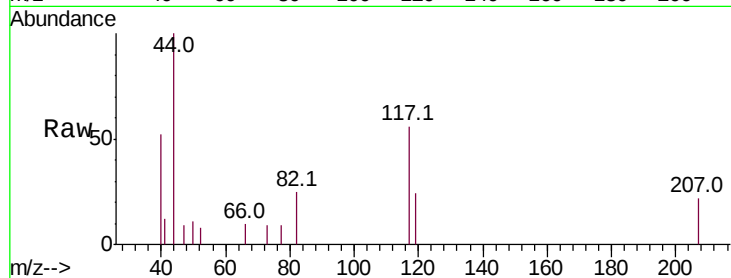




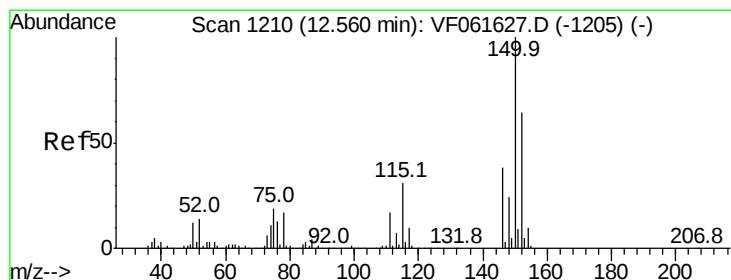
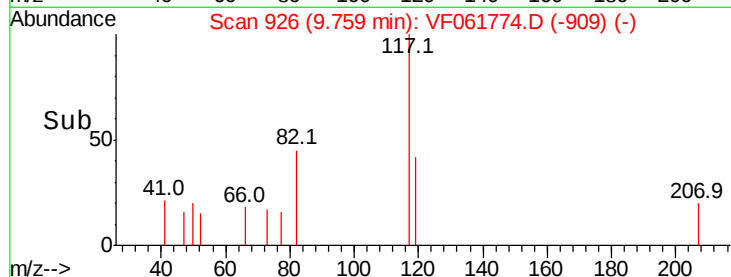
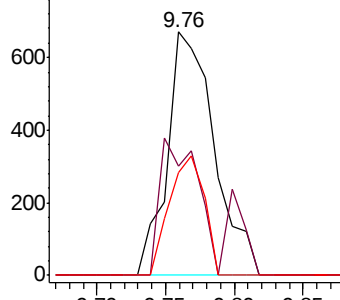
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 1603
Ion Ratio Lower Upper
117 100
82 44.9 39.3 58.9
119 42.2 26.6 40.0#

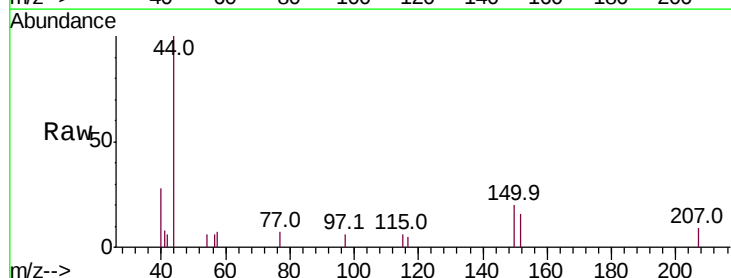


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

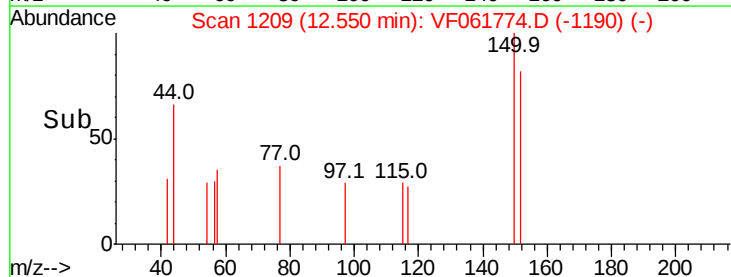
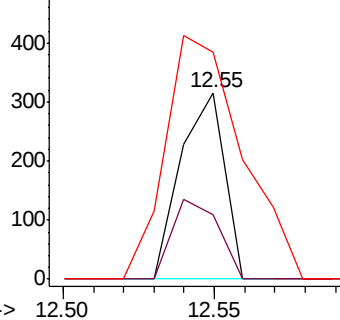


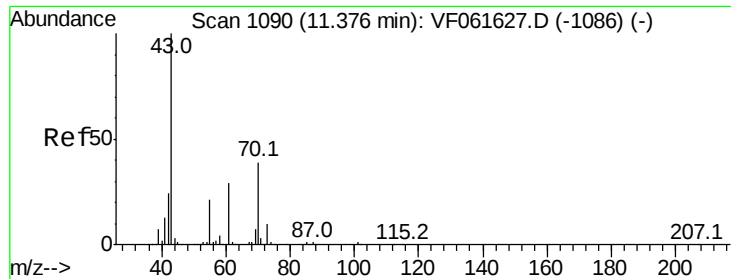
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Tgt Ion:152 Resp: 322
Ion Ratio Lower Upper
152 100
115 34.8 24.3 72.8
150 121.5 0.0 312.0



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





#74

N-amvl acetate

Concen: 40.343 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.02 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_F

ClientSampled :

Tot Ion: 43 Resp: 222

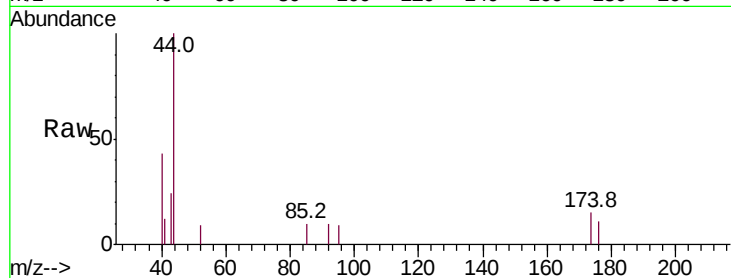
Ion Ratio Lower Upper

43 100

70 0.0 31.5 47.3#

55 0.0 16.7 25.1#

61 0.0 23.0 34.6#

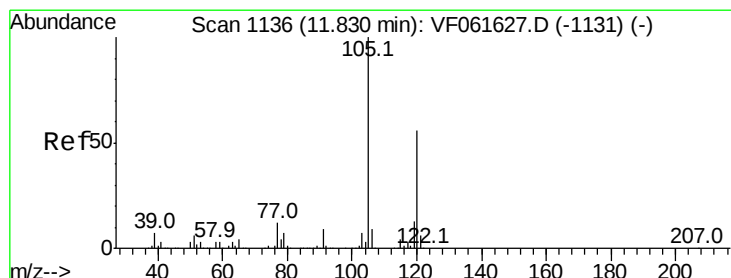
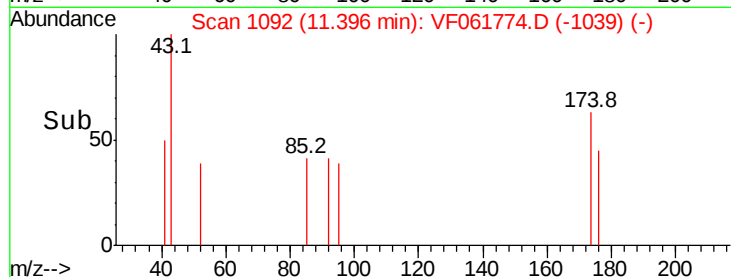
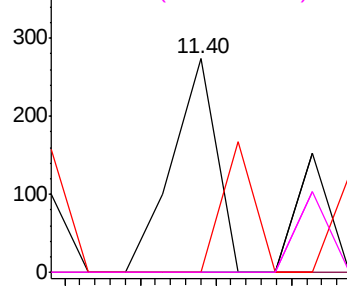


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#80

1,3,5-Trimethylbenzene

Concen: 3.657 ug/l

RT: 11.83 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VF061774.D

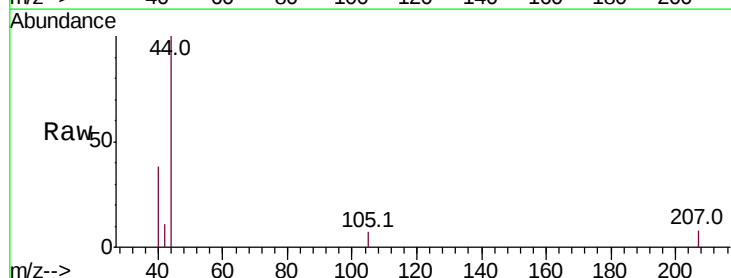
Acq: 27 Feb 2019 18:58

Tgt Ion:105 Resp: 67

Ion Ratio Lower Upper

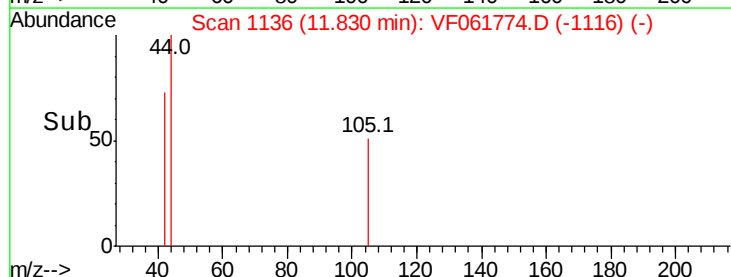
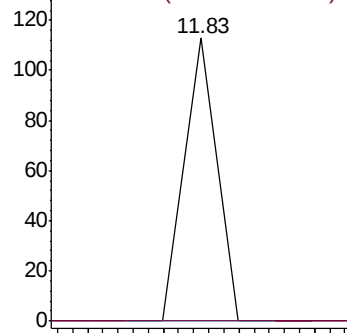
105 100

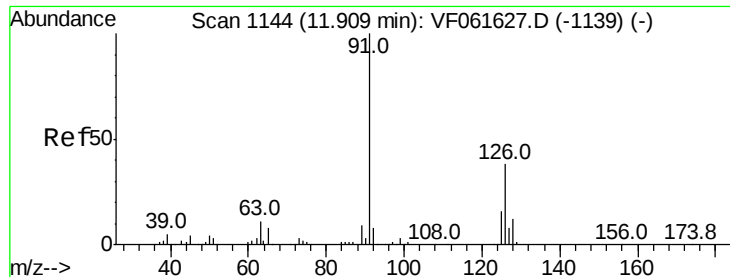
120 0.0 27.9 83.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#82

4-Chlorotoluene

Concen: 3.923 ug/l

RT: 12.02 min Scan# 1155

Delta R.T. 0.11 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_F

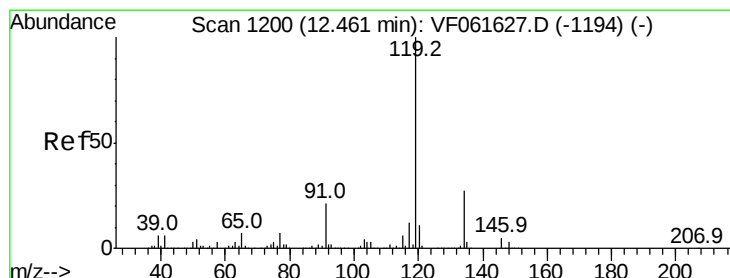
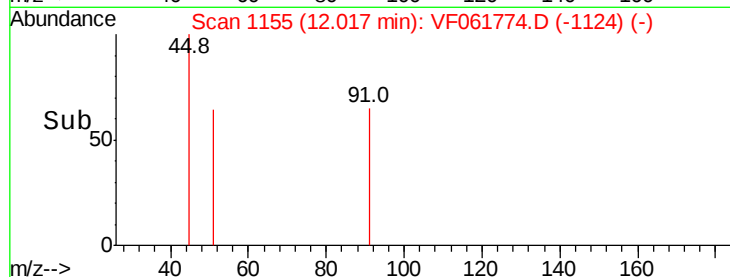
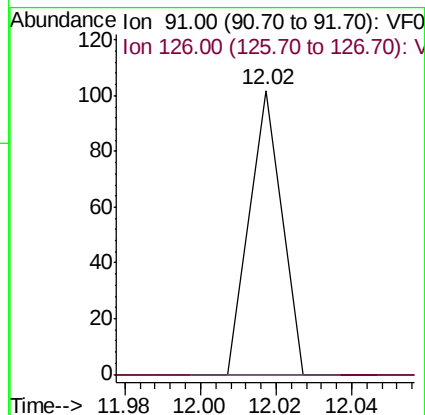
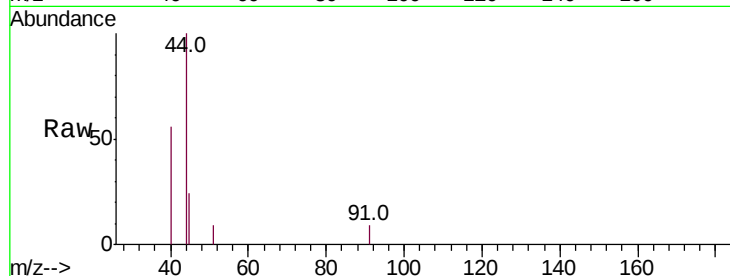
ClientSampled :

Tot Ion: 91 Resp: 60

Ion Ratio Lower Upper

91 100

126 0.0 19.1 57.1#



#86

p-Isopropyltoluene

Concen: 10.215 ug/l

RT: 12.46 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

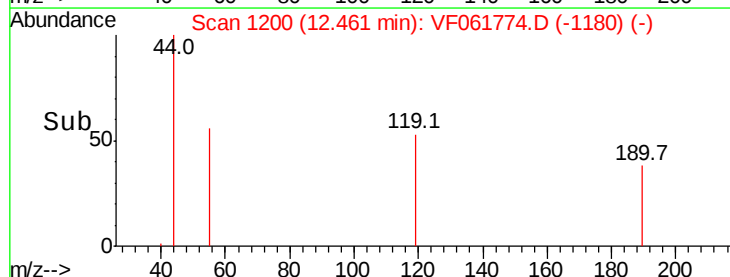
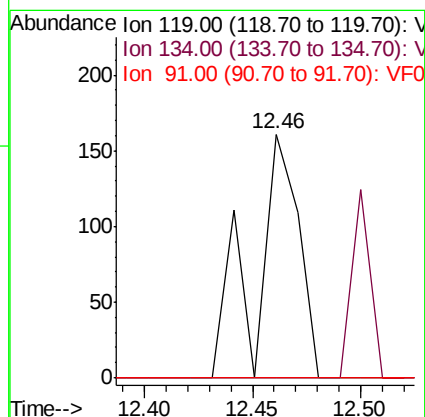
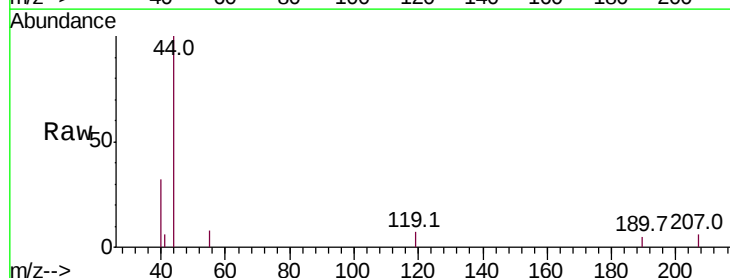
Tgt Ion: 119 Resp: 225

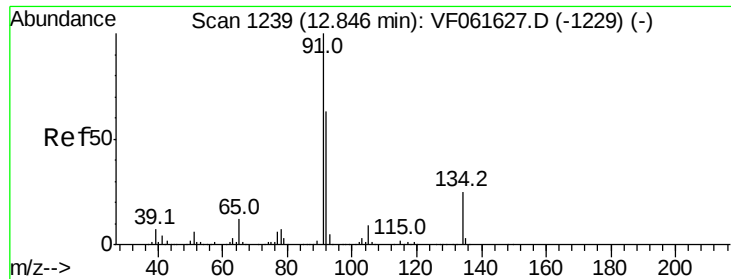
Ion Ratio Lower Upper

119 100

134 0.0 13.7 41.1#

91 0.0 10.8 32.4#

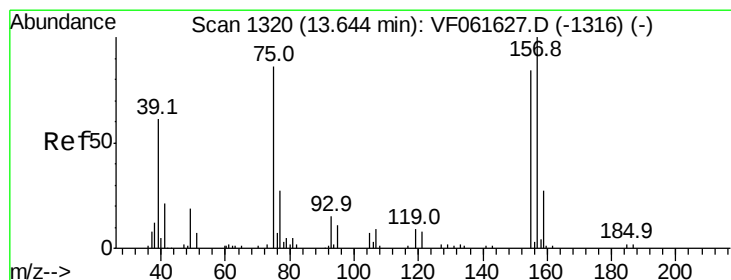
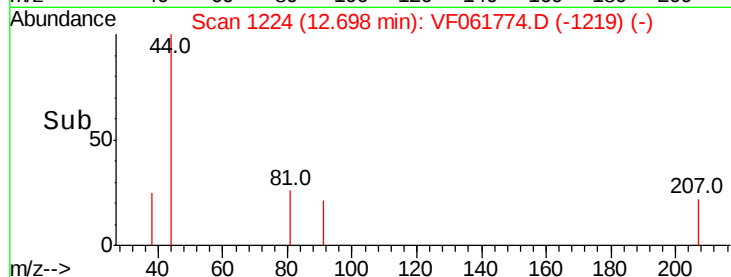
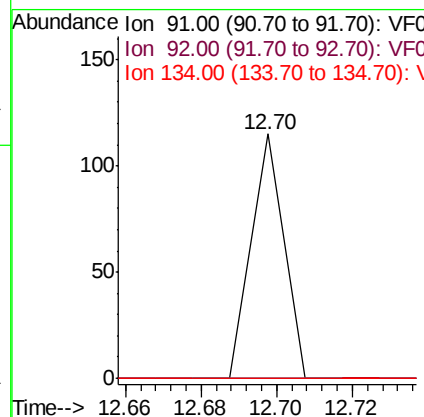
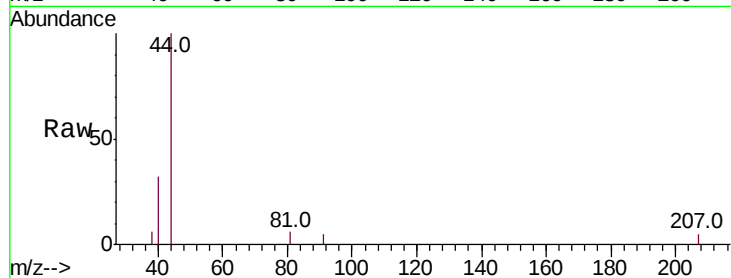




#89
n-Butylbenzene
Concen: 3.269 ug/l
RT: 12.70 min Scan# 1224
Delta R.T. -0.15 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

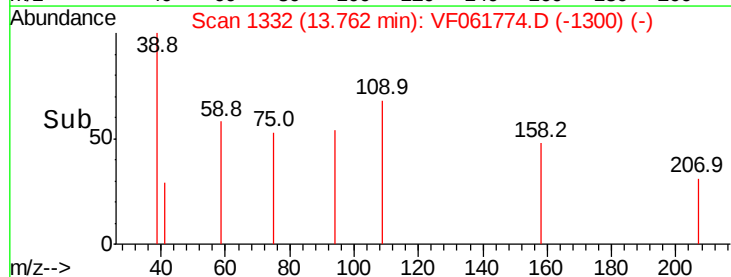
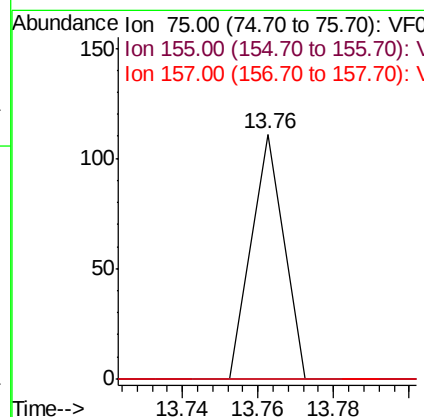
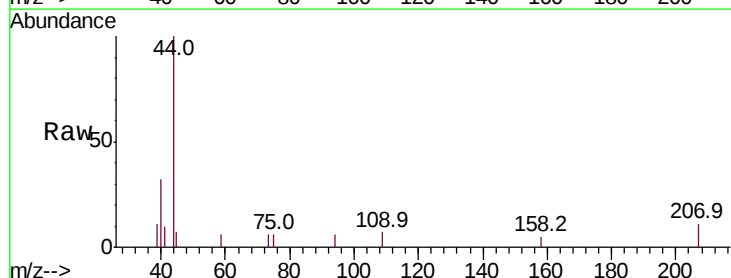
Instrument :
MSVOA_F
ClientSampleId :

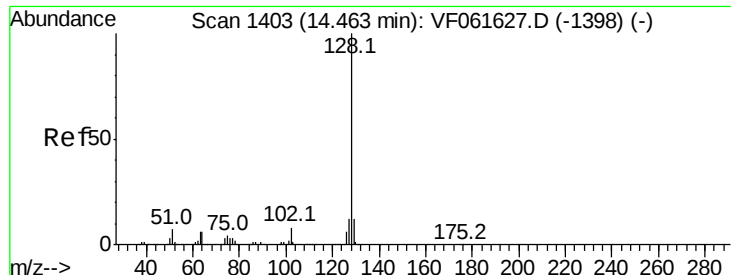
Tot Ion: 91 Resp: 68
Ion Ratio Lower Upper
91 100
92 0.0 31.4 94.3#
134 0.0 12.3 36.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 101.353 ug/l
RT: 13.76 min Scan# 1332
Delta R.T. 0.12 min
Lab File: VF061774.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
155 0.0 48.9 146.8#
157 0.0 58.3 174.8#





#95

Naphthalene

Concen: 4.859 ug/l

RT: 14.50 min Scan# 1407

Delta R.T. 0.04 min

Lab File: VF061774.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_F

ClientSampleId :

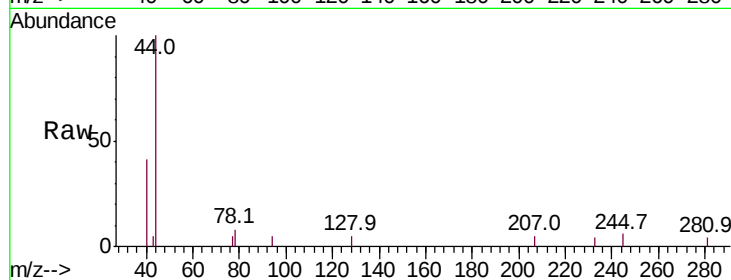
Tot Ion:128 Resp: 64

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.6#

129 0.0 9.4 14.2#



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

