

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060699.D
 Acq On : 12 Nov 2018 22:24
 Operator : VA/AP
 Sample : J5908-03RE
 Misc : 6.91g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-2-SRE

Quant Time: Nov 13 04:20:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	3664	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	3893	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	1177	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	142	3.84	ug/l	-0.03
Spiked Amount 50.000			Recovery =	7.68%		
35) Dibromofluoromethane	4.09	113	859	28.56	ug/l	-0.02
Spiked Amount 50.000			Recovery =	57.12%		
50) Toluene-d8	7.54	98	2388	26.80	ug/l	-0.02
Spiked Amount 50.000			Recovery =	53.60%		
62) 4-Bromofluorobenzene	11.53	95	71	1.82	ug/l	0.11
Spiked Amount 50.000			Recovery =	3.64%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	190	1.041	ug/l #	41
3) Chloromethane	1.08	50	88	2.744	ug/l #	45
4) Vinyl Chloride	1.17	62	62	2.098	ug/l #	48
5) Bromomethane	1.31	94	125	7.536	ug/l #	1
6) Chloroethane	1.46	64	79	3.399	ug/l #	40
7) Trichlorofluoromethane	1.44	101	72	1.302	ug/l #	21
8) Diethyl Ether	1.59	74	63	6.146	ug/l	88
13) Acrolein	1.96	56	142	96.216	ug/l #	74
14) Allyl chloride	2.13	41	739	17.003	ug/l #	52
15) Acrylonitrile	2.94	53	76	17.226	ug/l #	15
16) Acetone	2.24	43	273	31.295	ug/l #	59
18) Methyl Acetate	2.33	43	502	37.172	ug/l #	64
20) Methylene Chloride	2.18	84	62	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.29	96	62	2.220	ug/l #	1
22) Diisopropyl ether	2.79	45	139	1.509	ug/l #	44
23) Vinyl Acetate	3.17	43	217	3.922	ug/l #	75
24) 1,1-Dichloroethane	2.99	63	72	1.351	ug/l #	89
25) 2-Butanone	4.31	43	585	4.123	ug/l #	56
26) 2,2-Dichloropropane	3.50	77	216	5.417	ug/l #	57
27) cis-1,2-Dichloroethene	3.44	96	65	1.219	ug/l	1
28) Bromochloromethane	3.64	49	78	2.332	ug/l #	13
29) Tetrahydrofuran	4.07	42	163	14.848	ug/l #	36
32) 1,1,1-Trichloroethane	3.89	97	60	1.019	ug/l #	21
36) 1,1-Dichloropropene	4.17	75	65	1.516	ug/l #	43
37) Ethyl Acetate	4.08	43	213	10.352	ug/l #	17
39) Methylcyclohexane	5.41	83	62	1.185	ug/l #	50
41) Methacrylonitrile	4.74	41	395	33.898	ug/l #	55
43) Isopropyl Acetate	6.96	43	1066	40.956	ug/l #	45
47) Bromodichloromethane	6.29	83	64	1.572	ug/l #	25
48) Methyl methacrylate	6.68	41	500	30.566	ug/l #	17
51) 4-Methyl-2-Pentanone	8.22	43	362	20.682	ug/l	98
53) t-1,3-Dichloropropene	8.28	75	60	1.695	ug/l #	43
54) cis-1,3-Dichloropropene	7.35	75	70	1.565	ug/l #	1
55) 1,1,2-Trichloroethane	8.47	97	62	3.144	ug/l #	24

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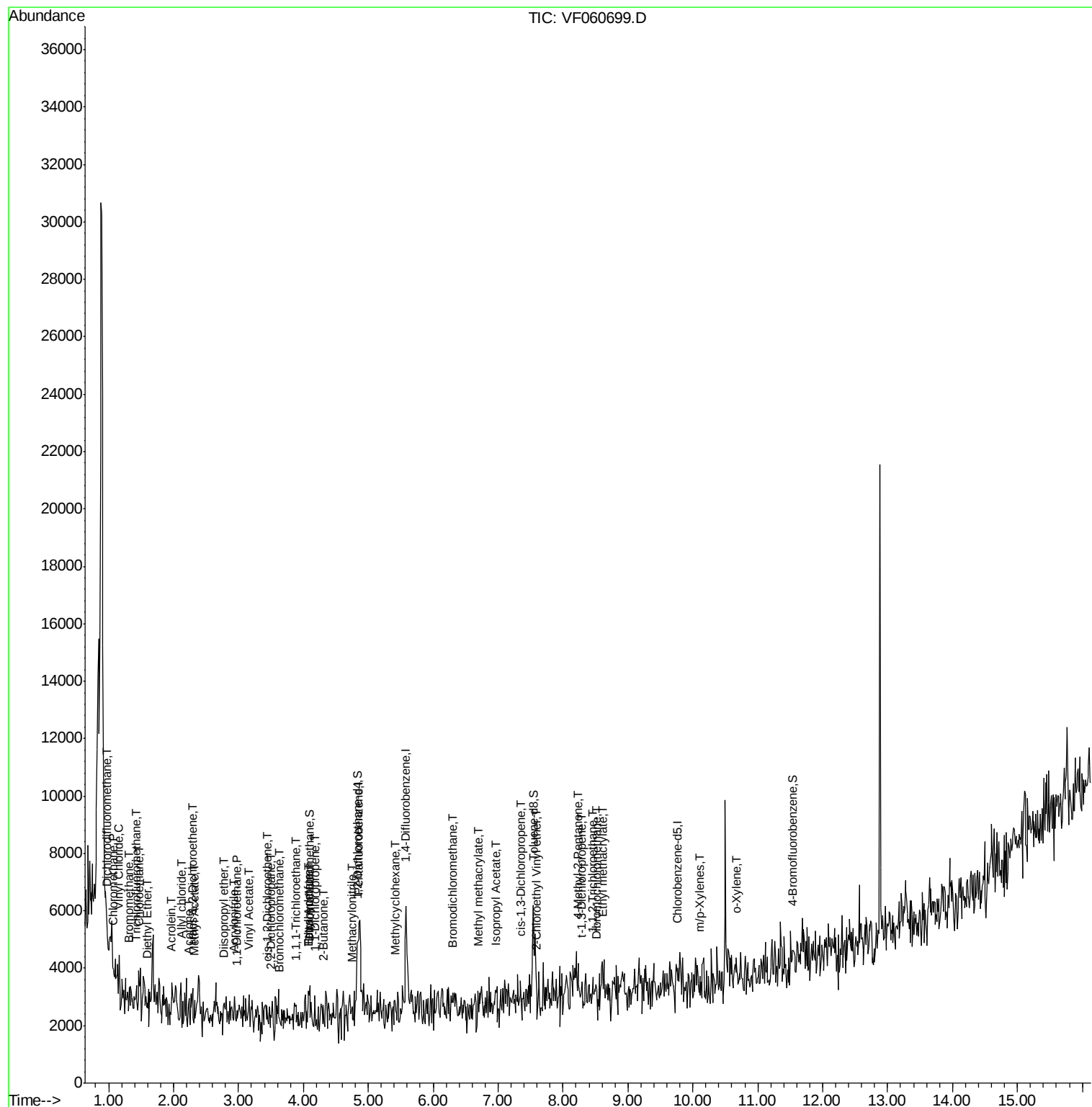
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	8.61	69	171	6.739	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.60	63	60	17.565	ug/l	100
59) 2-Hexanone	9.48	43	104	Below Cal	#	26
60) Dibromochloromethane	8.52	129	65	2.356	ug/l #	12
68) m/p-Xylenes	10.11	106	82	4.984	ug/l #	1
69) o-Xylene	10.67	106	80	4.453	ug/l #	1

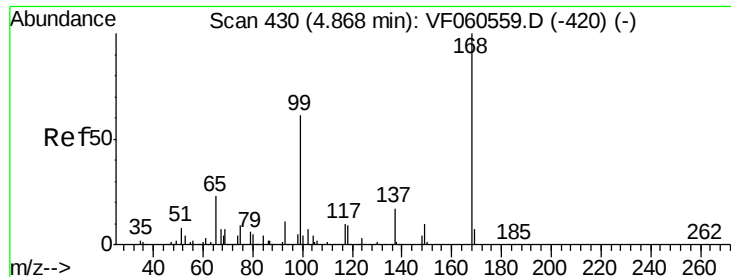
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.03 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

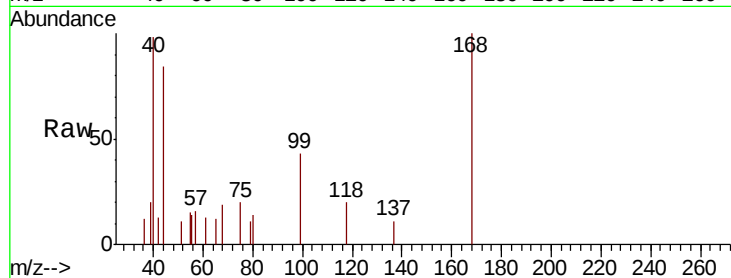
SR-2-SRE

Tot Ion:168 Resp: 3664

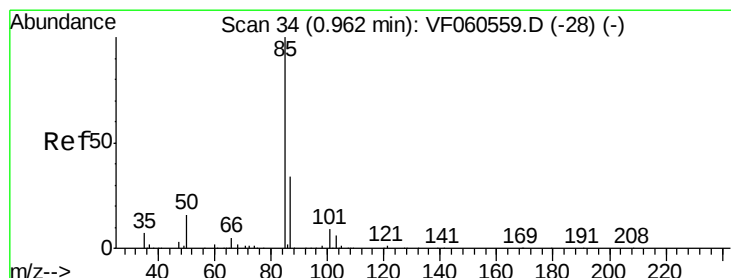
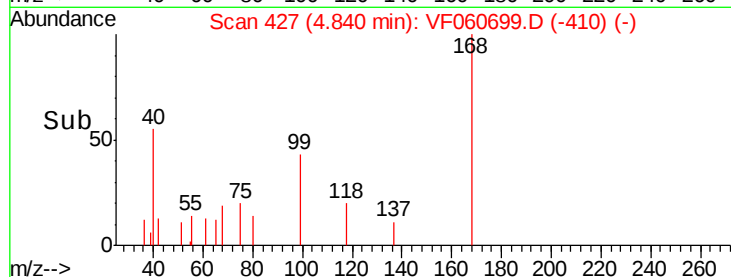
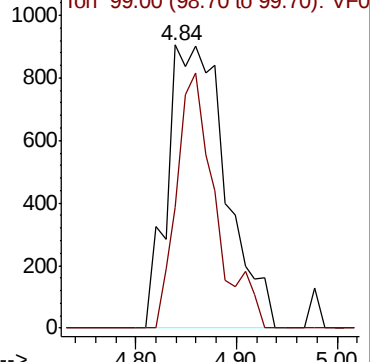
Ion Ratio Lower Upper

168 100

99 42.7 48.6 72.8#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 1.041 ug/l

RT: 0.98 min Scan# 36

Delta R.T. 0.02 min

Lab File: VF060699.D

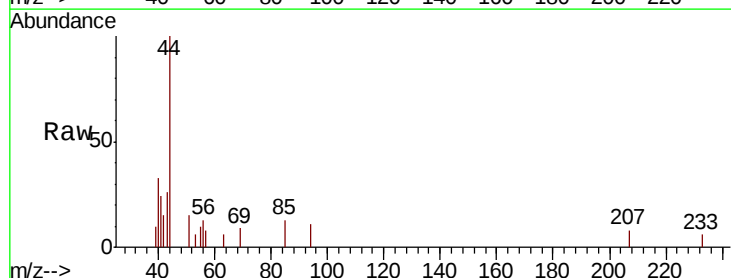
Acq: 12 Nov 2018 22:24

Tgt Ion: 85 Resp: 190

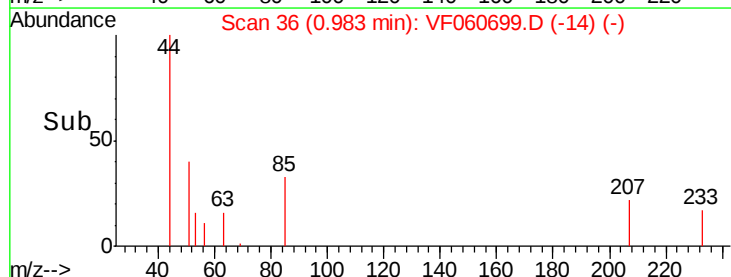
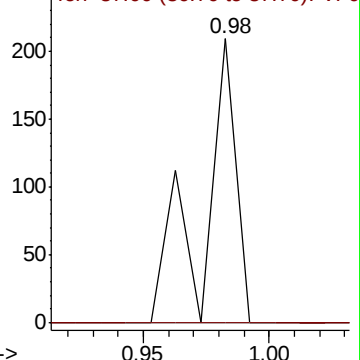
Ion Ratio Lower Upper

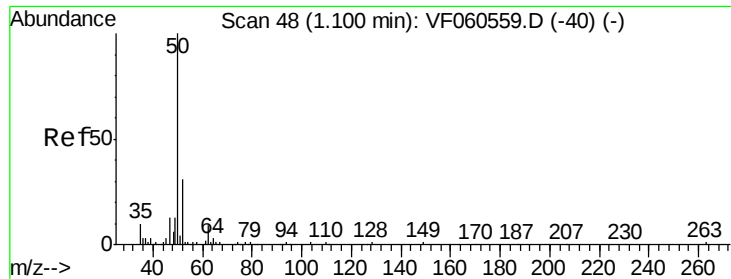
85 100

87 0.0 16.9 50.7#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 2.744 ug/l

RT: 1.08 min Scan# 46

Delta R.T. -0.02 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

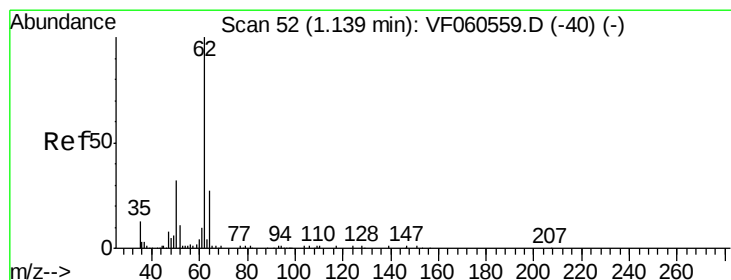
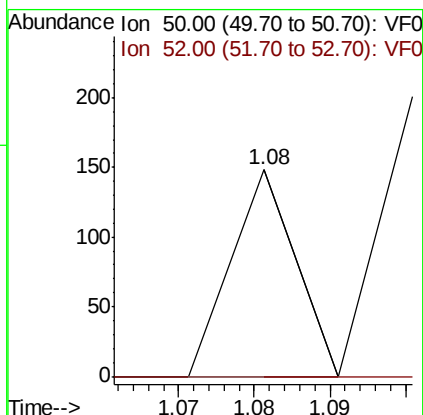
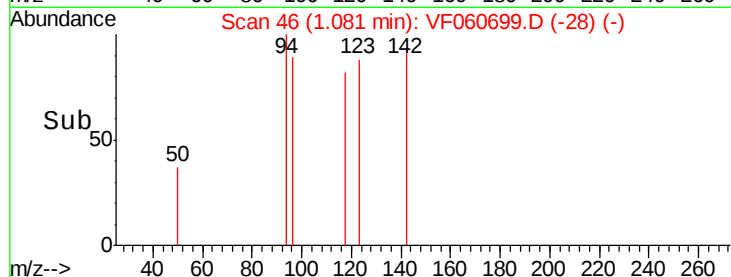
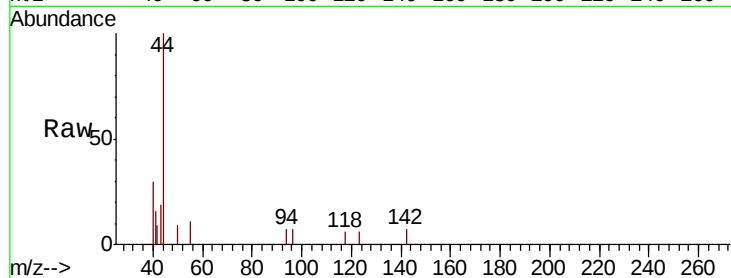
SR-2-SRE

Tot Ion: 50 Resp: 88

Ion Ratio Lower Upper

50 100

52 0.0 24.0 36.0#



#4

Vinyl Chloride

Concen: 2.098 ug/l

RT: 1.17 min Scan# 55

Delta R.T. 0.03 min

Lab File: VF060699.D

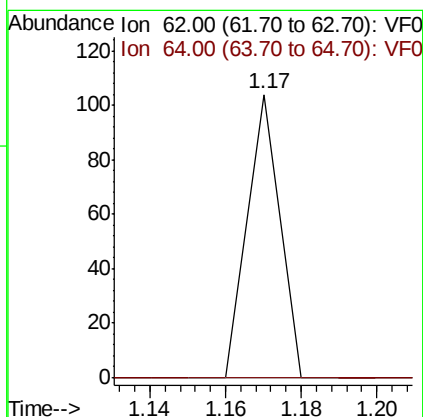
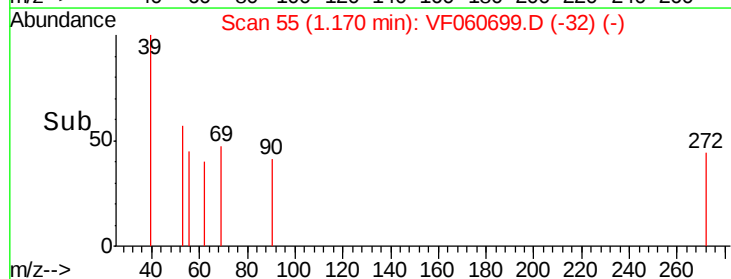
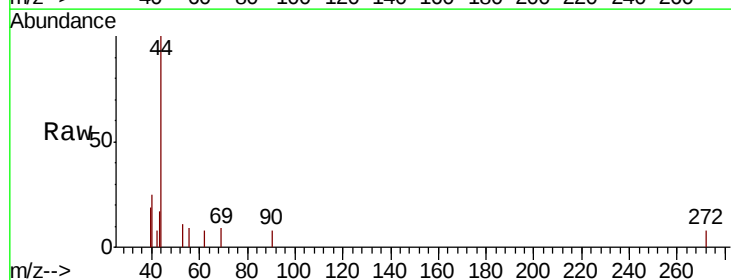
Acq: 12 Nov 2018 22:24

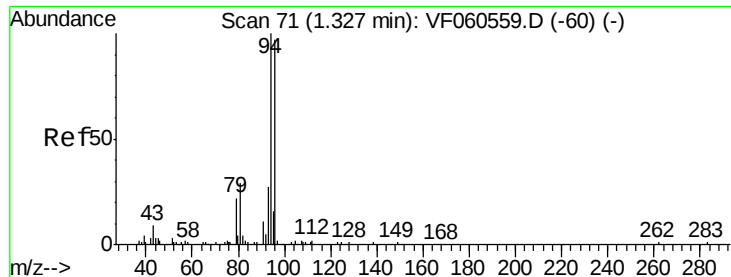
Tgt Ion: 62 Resp: 62

Ion Ratio Lower Upper

62 100

64 0.0 21.8 32.6#





#5

Bromomethane

Concen: 7.536 ug/l

RT: 1.31 min Scan# 69

Delta R.T. -0.02 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

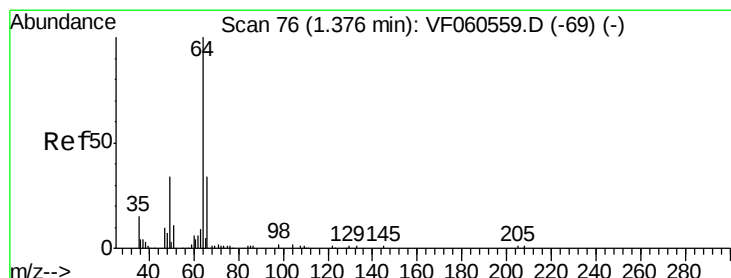
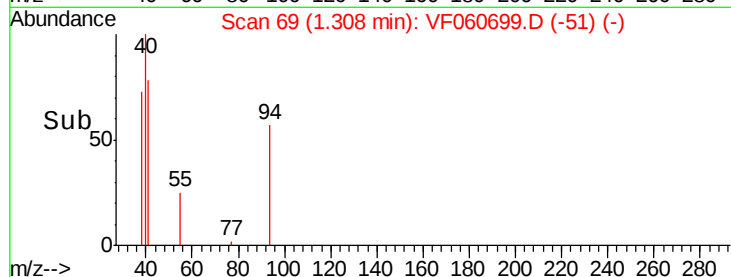
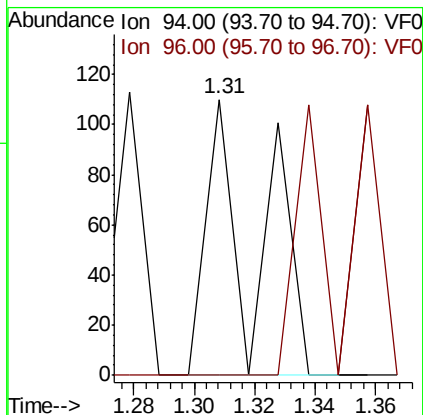
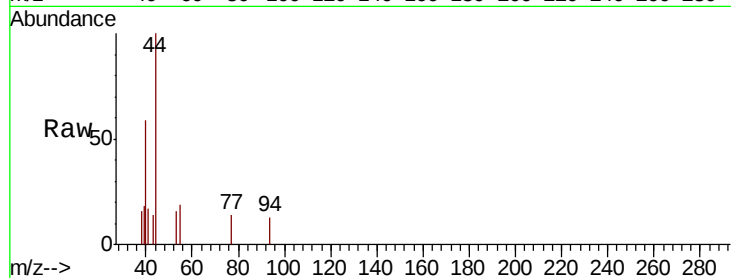
SR-2-SRE

Tot Ion: 94 Resp: 125

Ion Ratio Lower Upper

94 100

96 0.0 77.9 116.9#



#6

Chloroethane

Concen: 3.399 ug/l

RT: 1.46 min Scan# 84

Delta R.T. 0.08 min

Lab File: VF060699.D

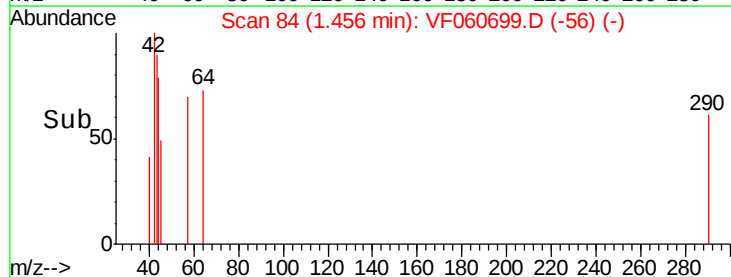
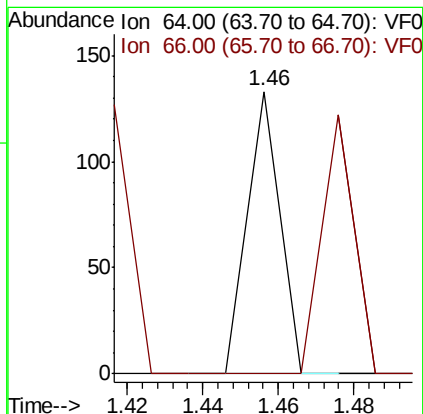
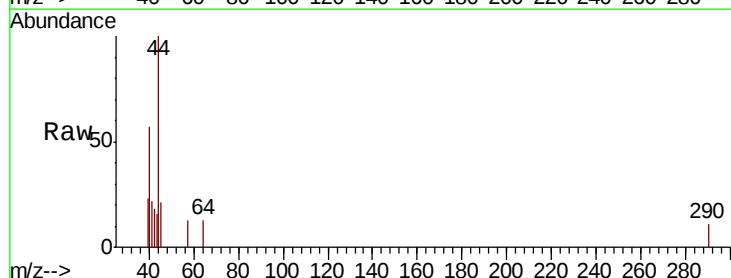
Acq: 12 Nov 2018 22:24

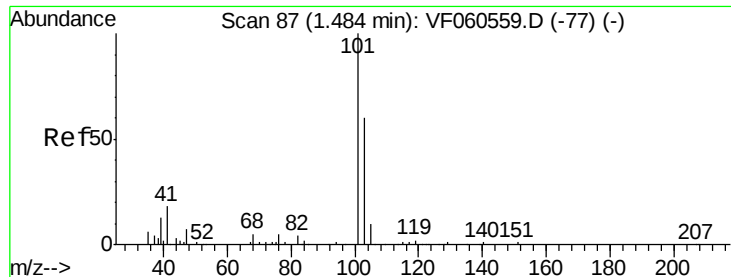
Tgt Ion: 64 Resp: 79

Ion Ratio Lower Upper

64 100

66 0.0 27.8 41.8#





#7

Trichlorofluoromethane

Concen: 1.302 ug/l

RT: 1.44 min Scan# 82

Delta R.T. -0.05 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

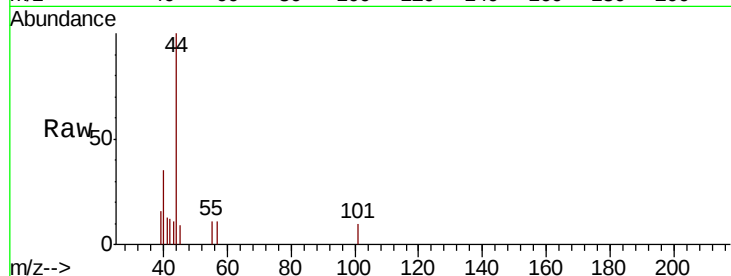
SR-2-SRE

Tot Ion:101 Resp: 72

Ion Ratio Lower Upper

101 100

103 0.0 48.0 72.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

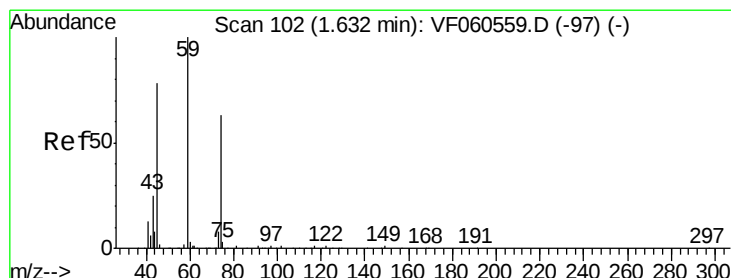
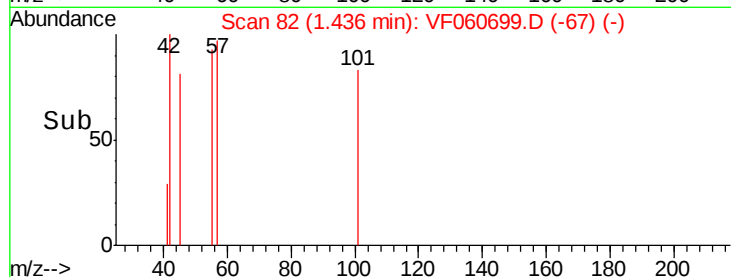
1.44

100

50

0

Time--> 1.40 1.42 1.44 1.46



#8

Diethyl Ether

Concen: 6.146 ug/l

RT: 1.59 min Scan# 98

Delta R.T. -0.04 min

Lab File: VF060699.D

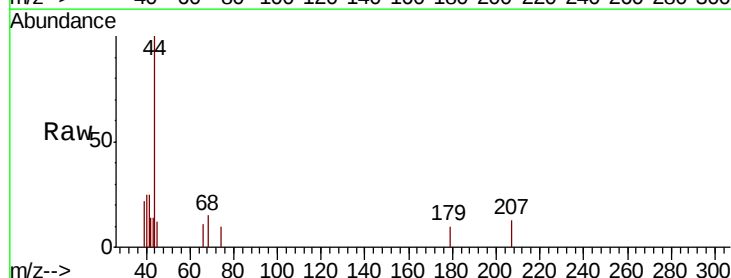
Acq: 12 Nov 2018 22:24

Tgt Ion: 74 Resp: 63

Ion Ratio Lower Upper

74 100

45 114.0 63.8 191.5



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

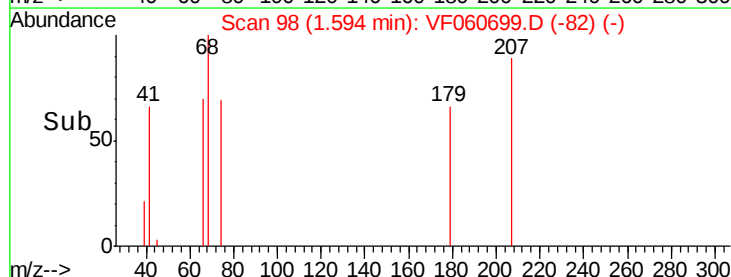
150

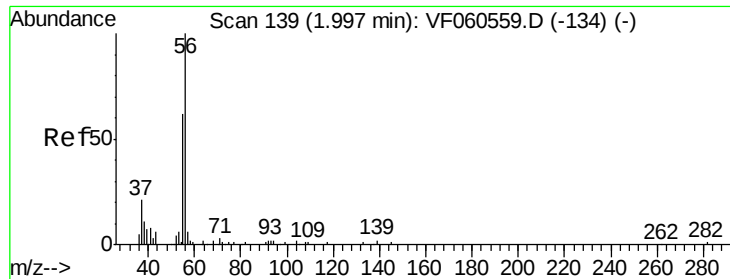
100

50

0

Time--> 1.58 1.60 1.62





#13

Acrolein

Concen: 96.216 ug/l

RT: 1.96 min Scan# 135

Delta R.T. -0.04 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampled :

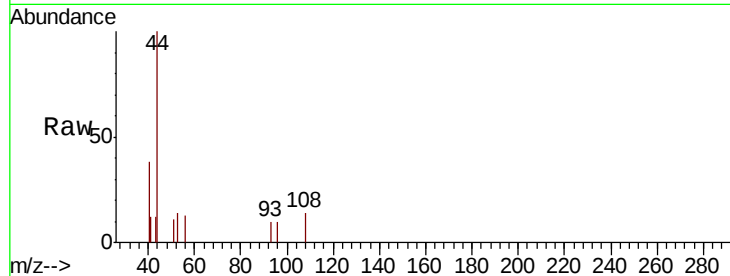
SR-2-SRE

Tot Ion: 56 Resp: 142

Ion Ratio Lower Upper

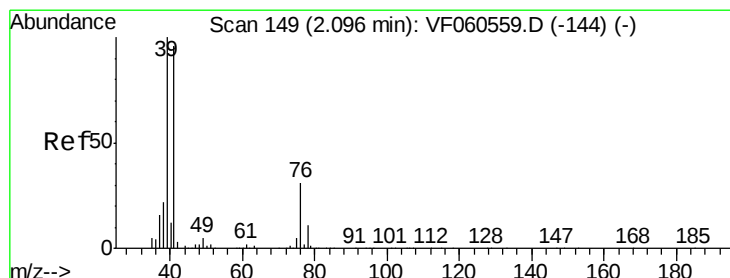
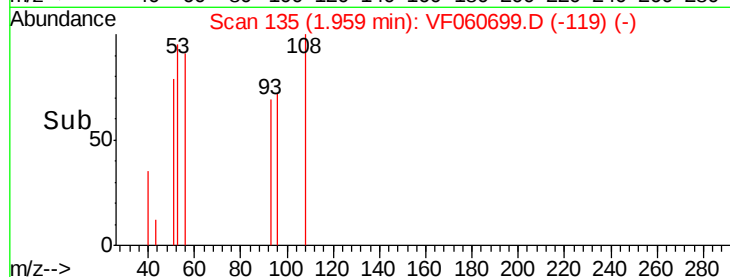
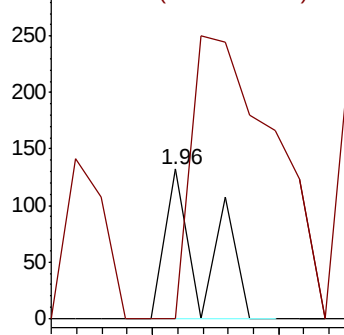
56 100

55 100.0 61.8 92.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 17.003 ug/l

RT: 2.13 min Scan# 152

Delta R.T. 0.03 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

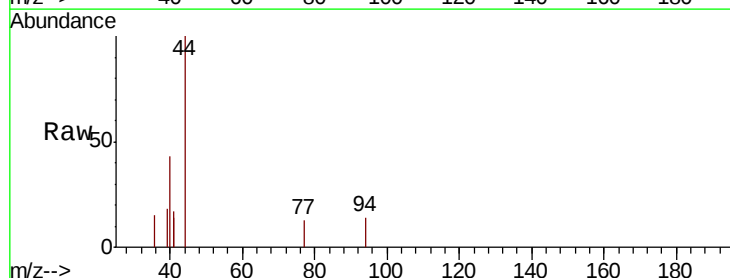
Tgt Ion: 41 Resp: 739

Ion Ratio Lower Upper

41 100

39 57.8 82.6 124.0#

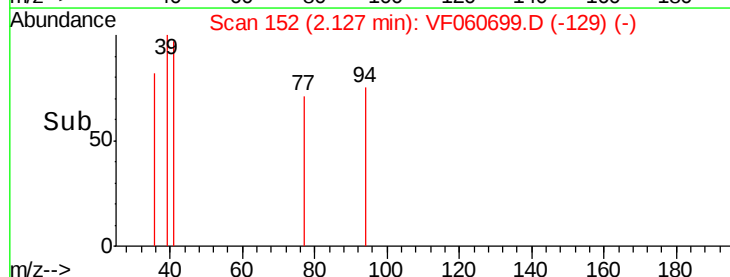
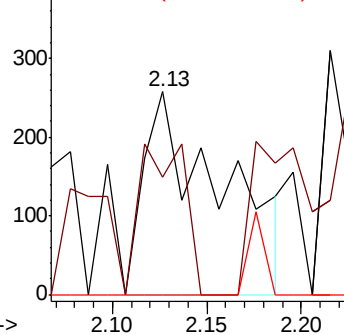
76 0.0 26.7 40.1#

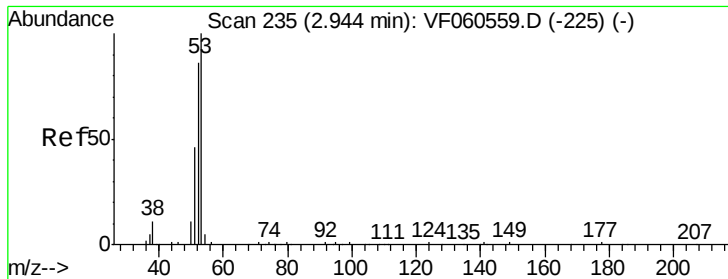


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 17.226 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.01 min

Lab File: VF060699.D

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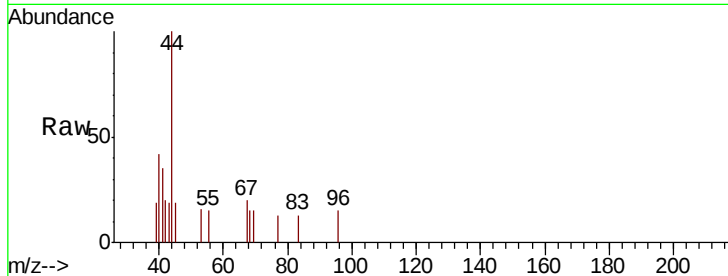
Tot Ion: 53 Resp: 76

Ion Ratio Lower Upper

53 100

52 0.0 68.5 102.7#

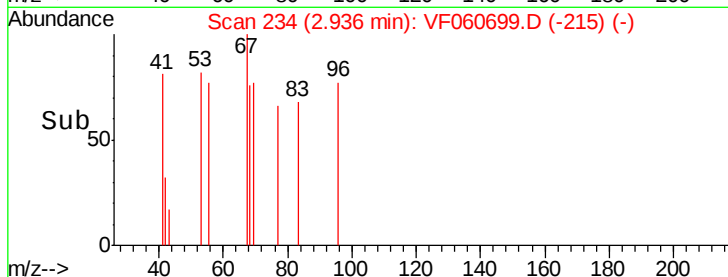
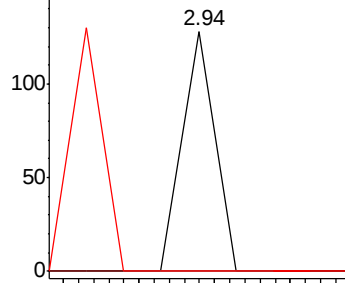
51 0.0 38.2 57.2#



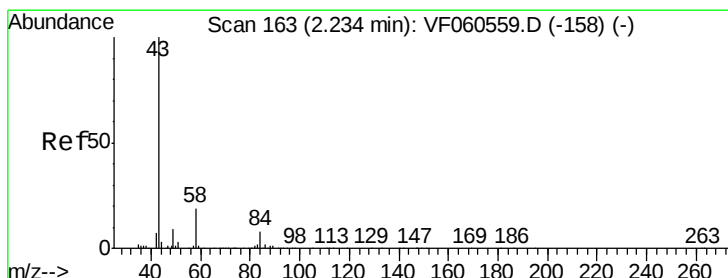
Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



Time-->



#16

Acetone

Concen: 31.295 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060699.D

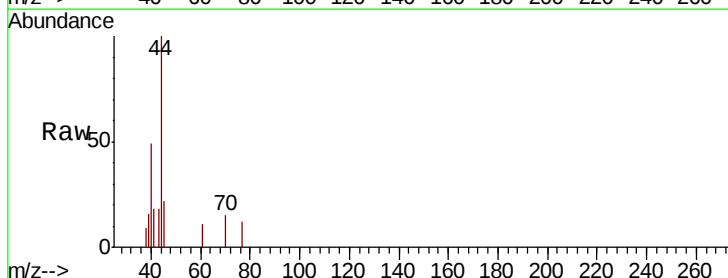
Acq: 12 Nov 2018 22:24

Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

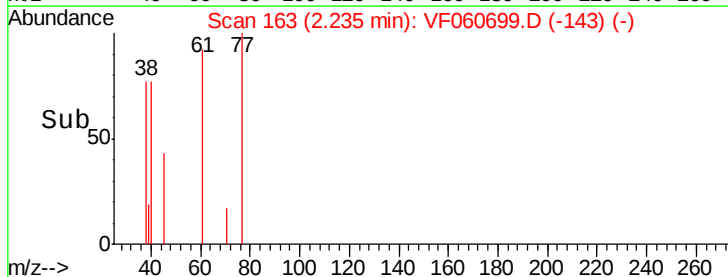
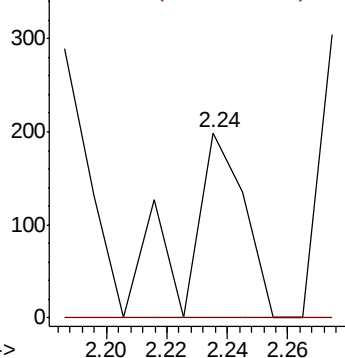
43 100

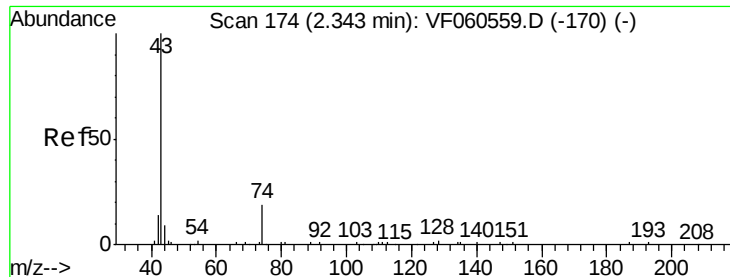
58 0.0 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

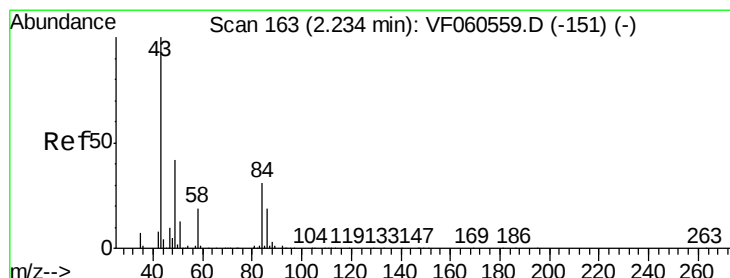
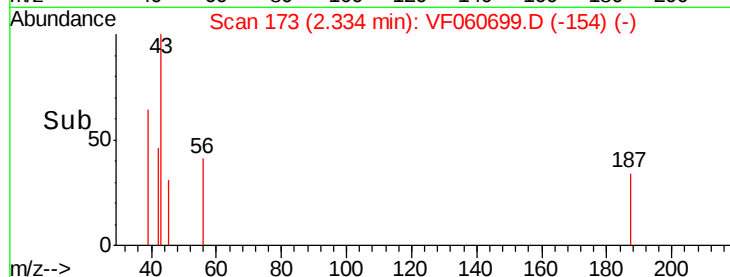
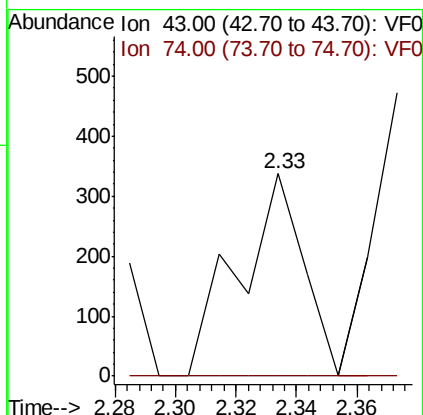
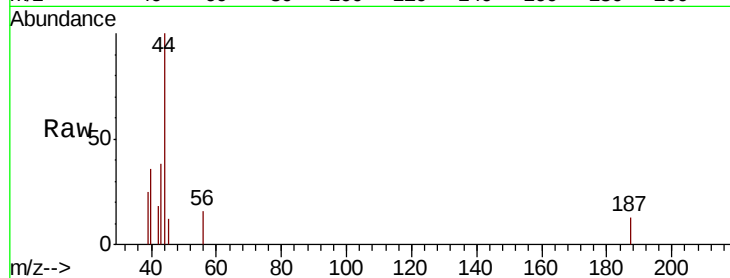




#18
Methyl Acetate
Concen: 37.172 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.01 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

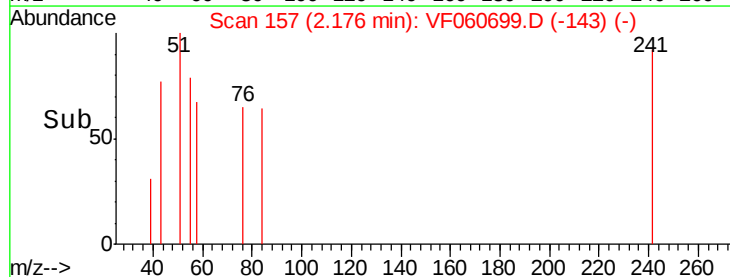
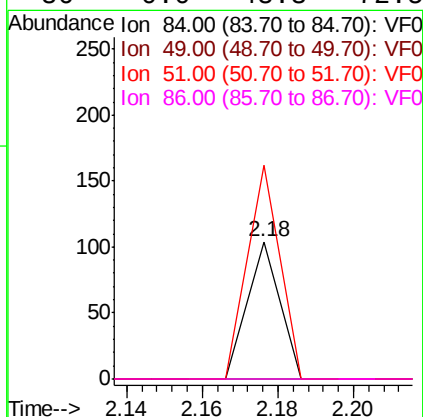
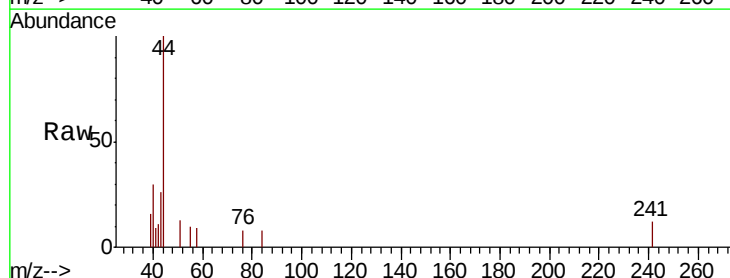
Instrument :
MSVOA_F
ClientSampleId :
SR-2-SRE

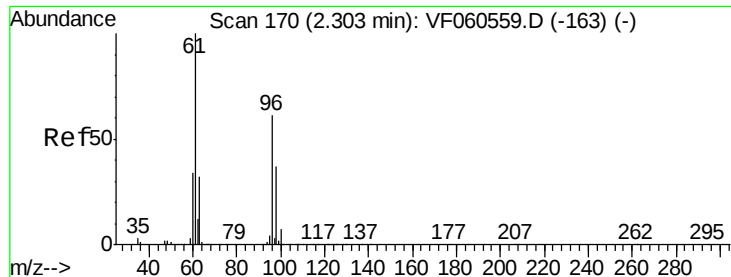
Tot Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
74 0.0 12.1 18.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

Tgt Ion: 84 Resp: 62
Ion Ratio Lower Upper
84 100
49 0.0 109.9 164.9#
51 155.8 35.8 53.8#
86 0.0 48.3 72.5#





#21

trans-1,2-Dichloroethene

Concen: 2.220 ug/l

RT: 2.29 min Scan# 169

Delta R.T. -0.01 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SR-2-SRE

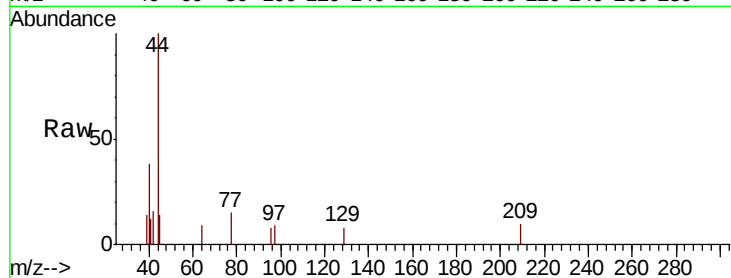
Tot Ion: 96 Resp: 62

Ion Ratio Lower Upper

96 100

61 0.0 131.3 196.9#

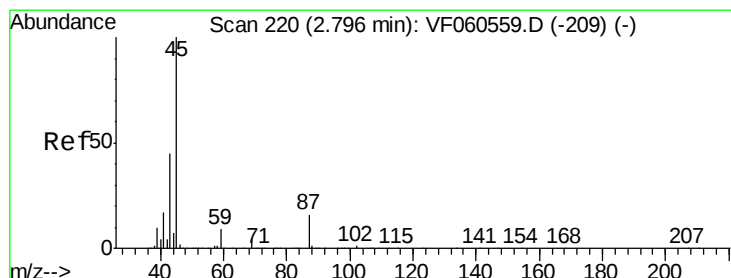
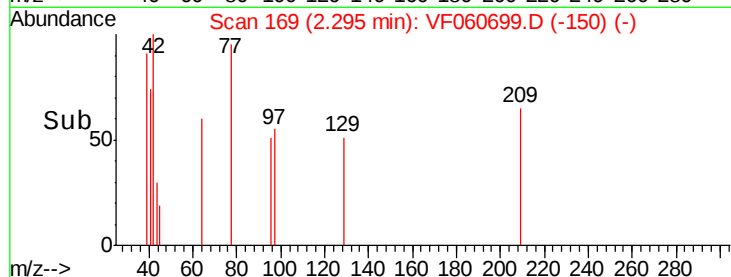
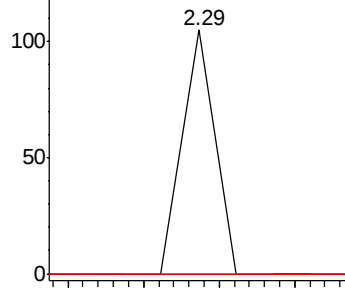
98 0.0 48.6 73.0#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 1.509 ug/l

RT: 2.79 min Scan# 219

Delta R.T. -0.01 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Tgt Ion: 45 Resp: 139

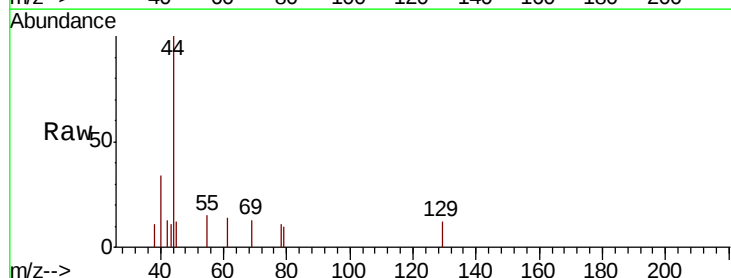
Ion Ratio Lower Upper

45 100

43 93.7 38.1 57.1#

87 0.0 12.7 19.1#

59 0.0 7.0 10.4#

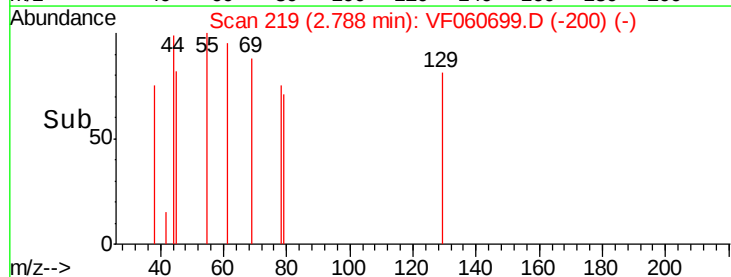
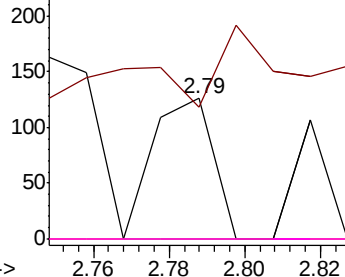


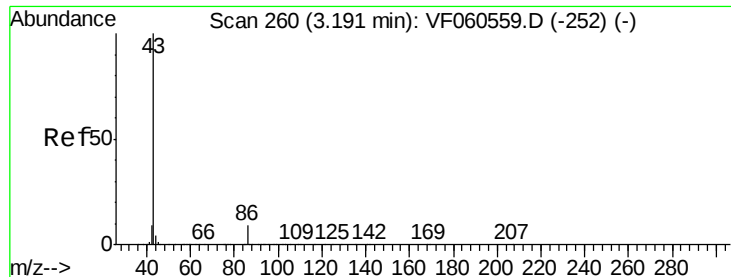
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 3.922 ug/l

RT: 3.17 min Scan# 258

Delta R.T. -0.02 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

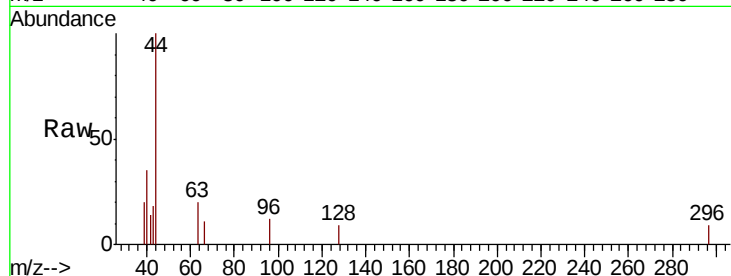
SR-2-SRE

Tot Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.17

200

150

100

50

0

Time--> 3.14

3.16

3.18

3.20

3.22

3.24

3.26

3.28

3.30

3.32

3.34

3.36

3.38

3.40

3.42

3.44

3.46

3.48

3.50

3.52

3.54

3.56

3.58

3.60

3.62

3.64

3.66

3.68

3.70

3.72

3.74

3.76

3.78

3.80

3.82

3.84

3.86

3.88

3.90

3.92

3.94

3.96

3.98

4.00

4.02

4.04

4.06

4.08

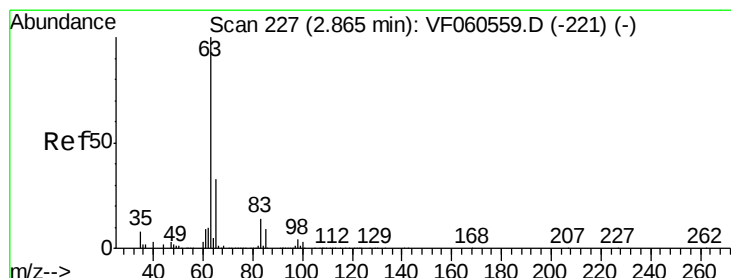
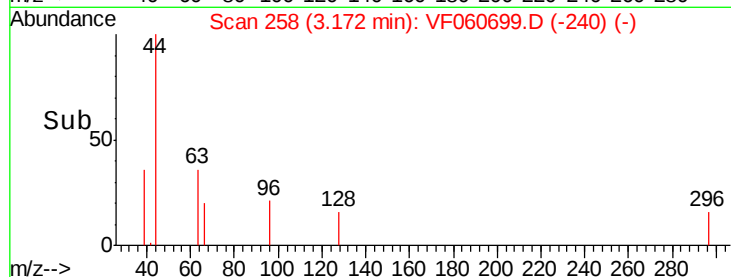
4.10

4.12

4.14

4.16

4.18



#24

1,1-Dichloroethane

Concen: 1.351 ug/l

RT: 2.99 min Scan# 239

Delta R.T. 0.12 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

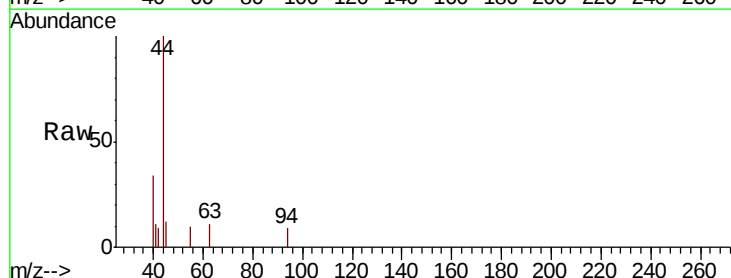
Tgt Ion: 63 Resp: 72

Ion Ratio Lower Upper

63 100

98 0.0 2.2 6.6#

100 0.0 1.4 4.0#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

2.99

150

100

50

0

Time--> 2.96

2.98

2.99

3.00

3.01

3.02

3.03

3.04

3.05

3.06

3.07

3.08

3.09

3.10

3.11

3.12

3.13

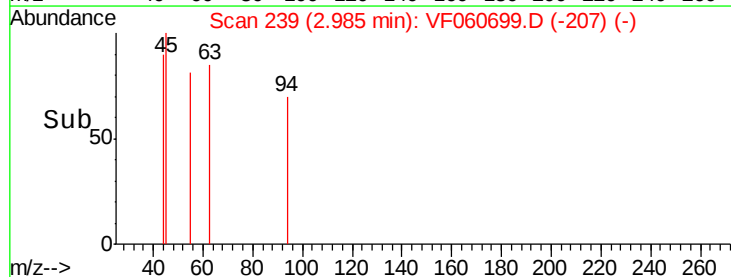
3.14

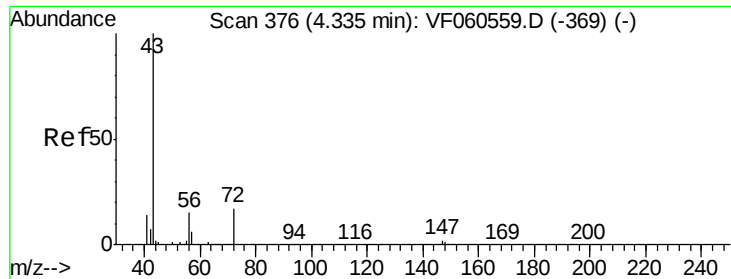
3.15

3.16

3.17

3.18





#25

2-Butanone

Concen: 4.123 ug/l

RT: 4.31 min Scan# 373

Delta R.T. -0.03 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

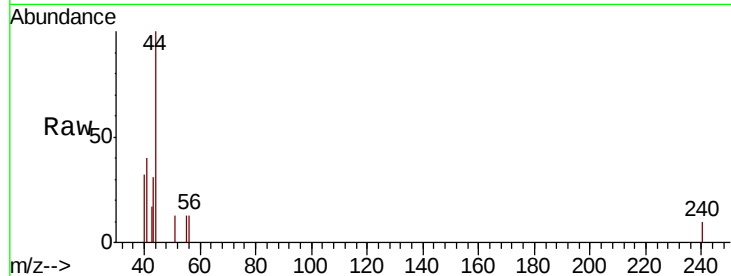
SR-2-SRE

Tot Ion: 43 Resp: 585

Ion Ratio Lower Upper

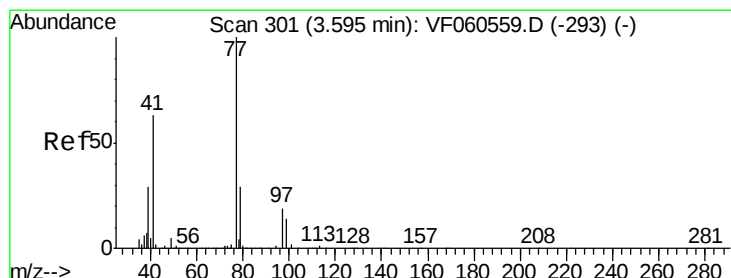
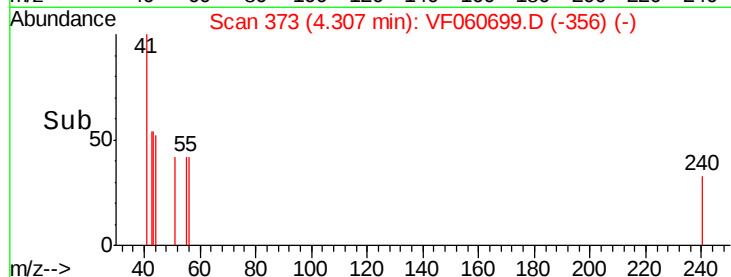
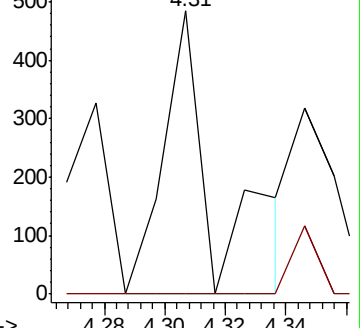
43 100

72 0.0 16.2 24.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 5.417 ug/l

RT: 3.50 min Scan# 291

Delta R.T. -0.10 min

Lab File: VF060699.D

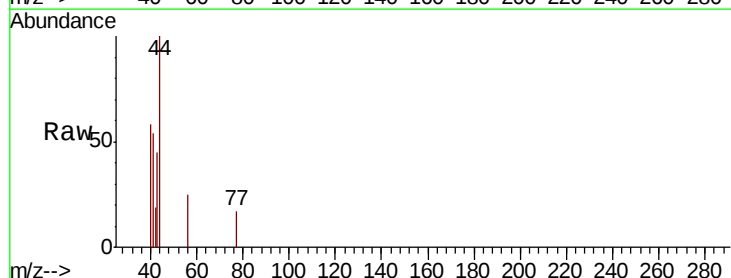
Acq: 12 Nov 2018 22:24

Tgt Ion: 77 Resp: 216

Ion Ratio Lower Upper

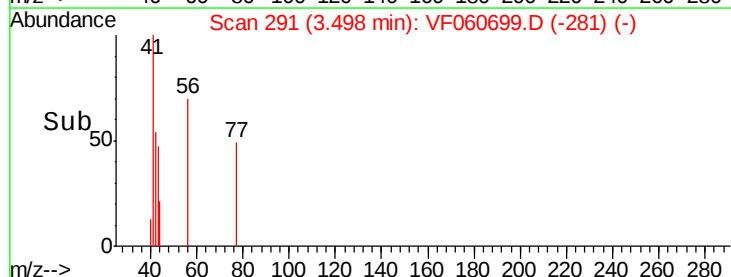
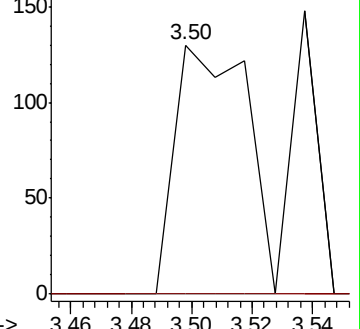
77 100

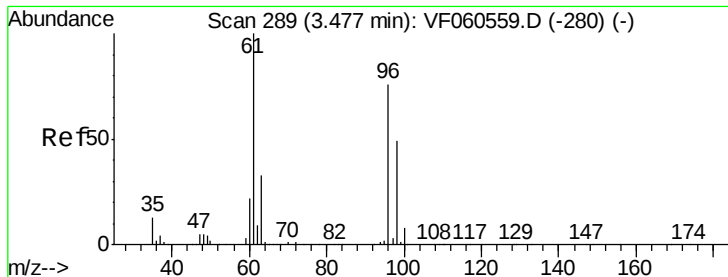
97 0.0 9.8 29.3#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



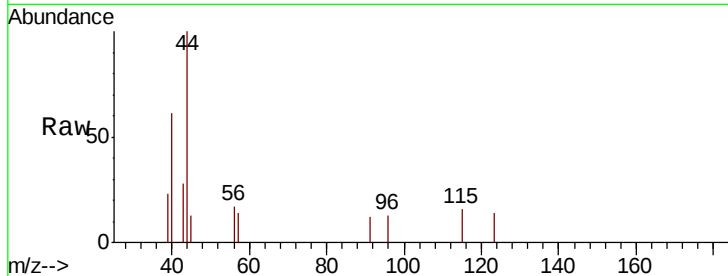


#27

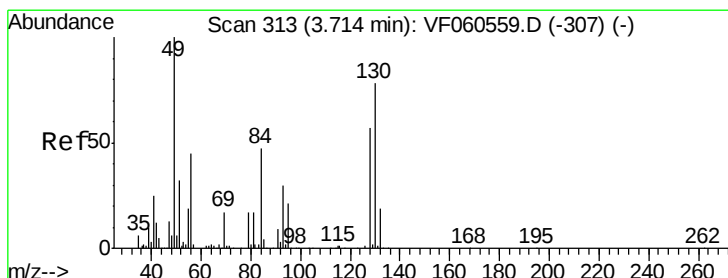
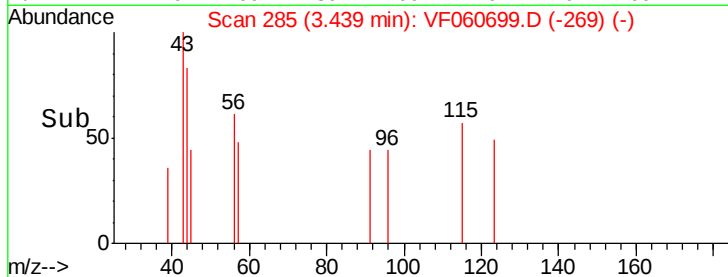
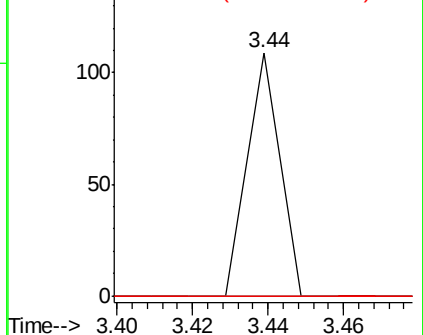
cis-1,2-Dichloroethene
 Concen: 1.219 ug/l
 RT: 3.44 min Scan# 285
 Delta R.T. -0.04 min
 Lab File: VF060699.D
 Acq: 12 Nov 2018 22:24

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-2-SRE

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	263.0
98	0.0	0.0	130.6



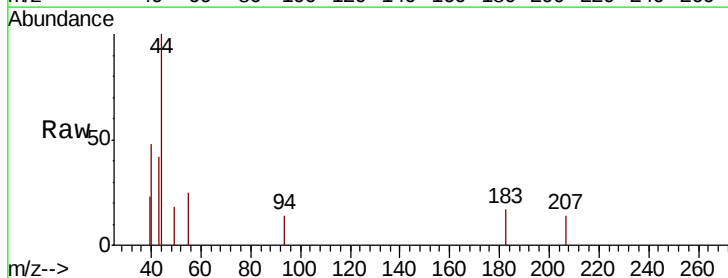
Abundance Ion 96.00 (95.70 to 96.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



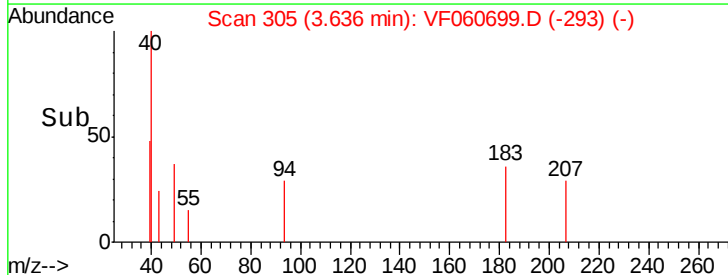
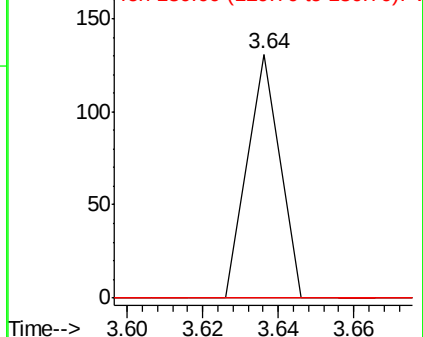
#28

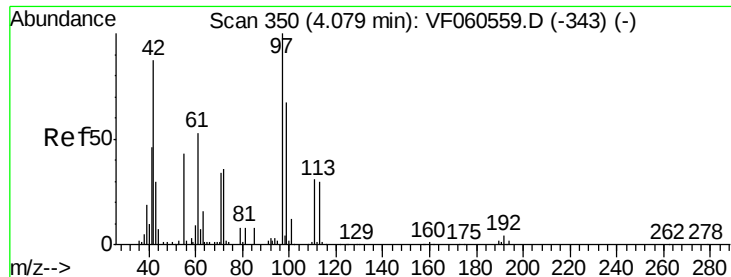
Bromochloromethane
 Concen: 2.332 ug/l
 RT: 3.64 min Scan# 305
 Delta R.T. -0.08 min
 Lab File: VF060699.D
 Acq: 12 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	61.8	92.8#



Abundance Ion 49.00 (48.70 to 49.70): VF0
 Ion 129.00 (128.70 to 129.70): V
 Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 14.848 ug/l

RT: 4.07 min Scan# 349

Delta R.T. -0.01 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SR-2-SRE

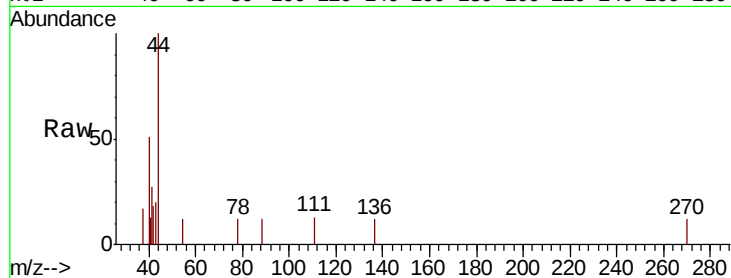
Tot Ion: 42 Resp: 163

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

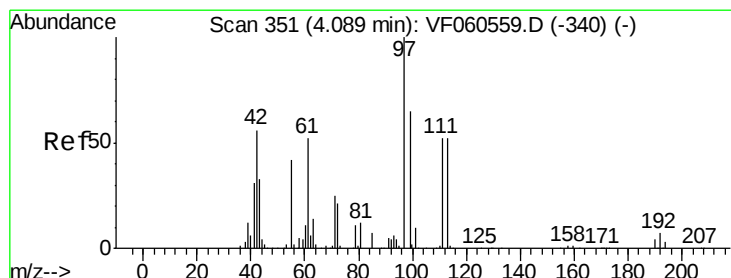
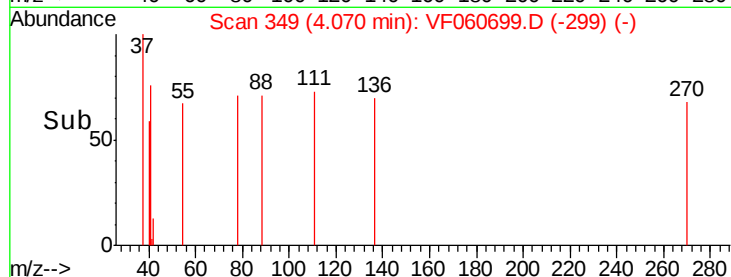
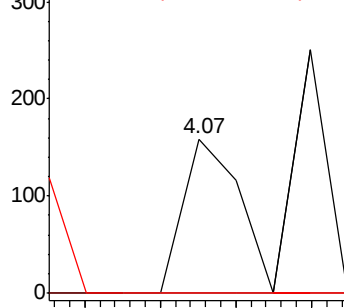
71 0.0 31.8 47.6#



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



#32

1,1,1-Trichloroethane

Concen: 1.019 ug/l

RT: 3.89 min Scan# 331

Delta R.T. -0.20 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

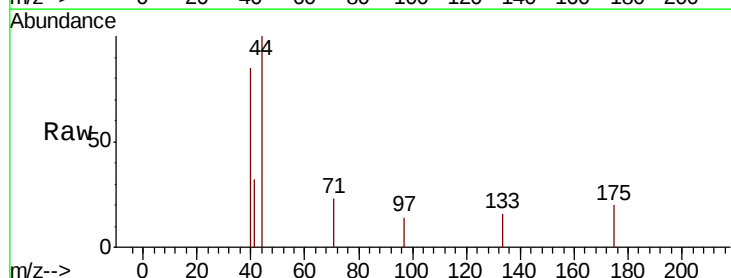
Tgt Ion: 97 Resp: 60

Ion Ratio Lower Upper

97 100

99 0.0 52.4 78.6#

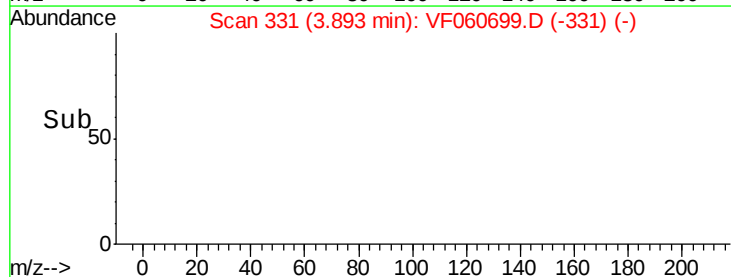
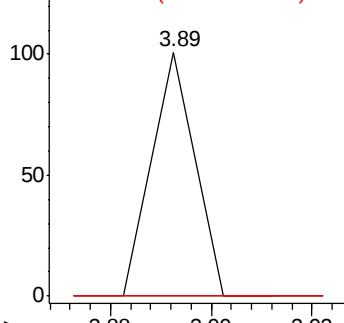
61 0.0 41.5 62.3#

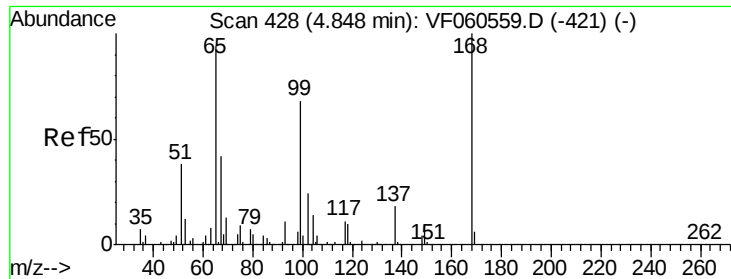


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 3.836 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.03 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

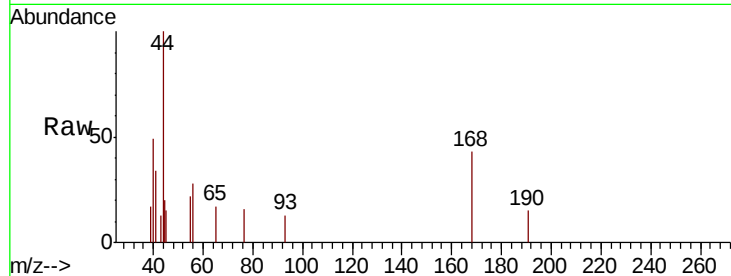
SR-2-SRE

Tot Ion: 65 Resp: 142

Ion Ratio Lower Upper

65 100

67 0.0 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

200

150

100

50

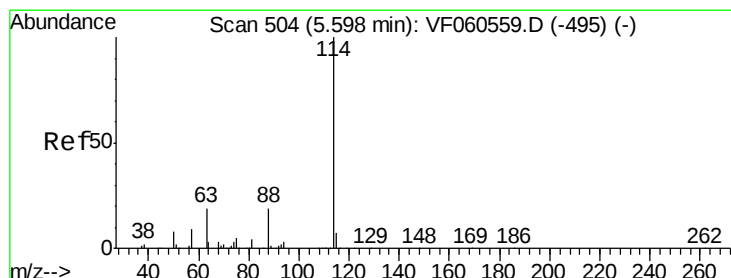
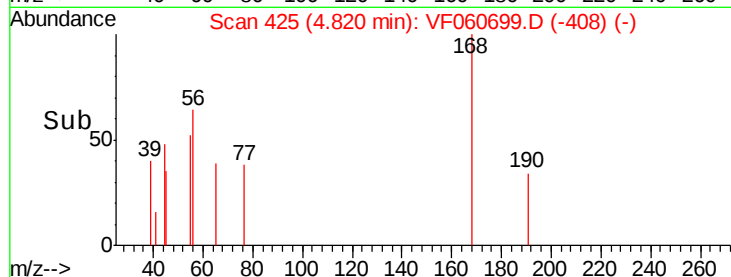
0

4.80

4.82

4.85

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

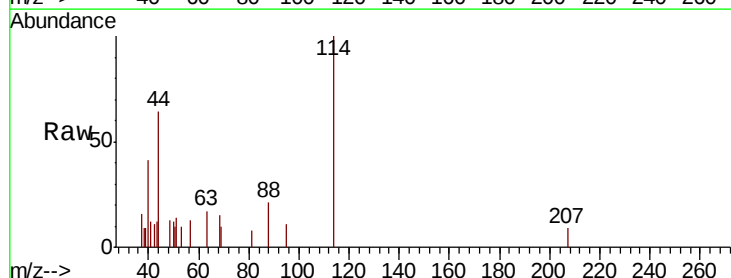
Tgt Ion: 114 Resp: 3893

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.0

88 21.0 0.0 38.2



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

1500

1000

500

0

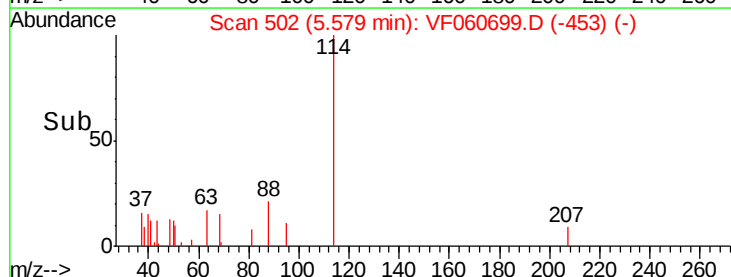
5.50

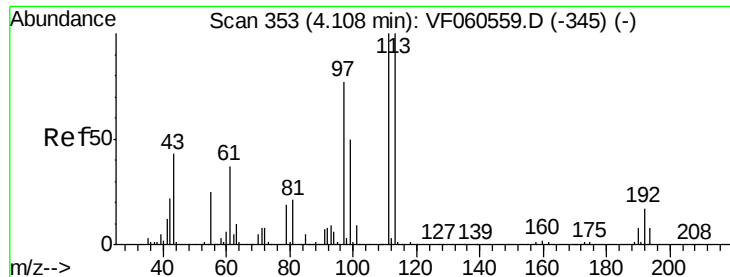
5.55

5.60

5.65

Time-->





#35

Dibromofluoromethane

Concen: 28.560 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SR-2-SRE

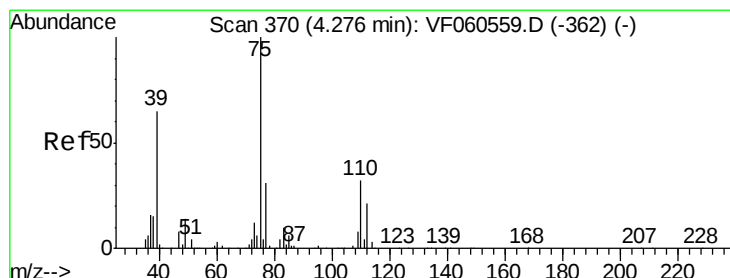
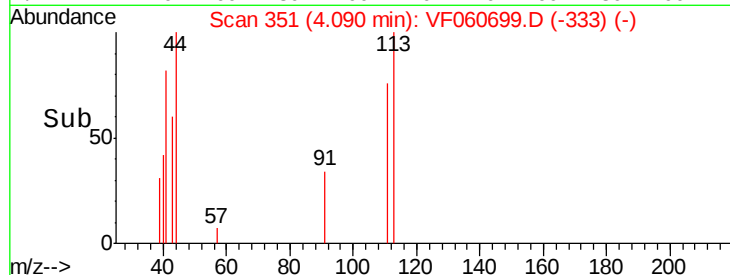
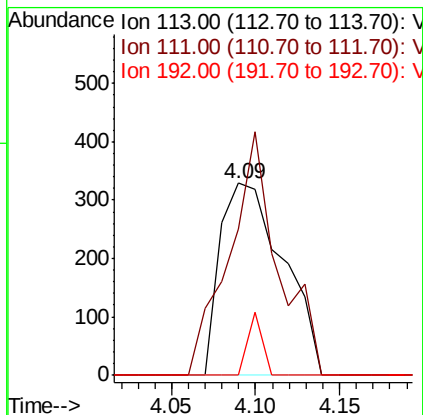
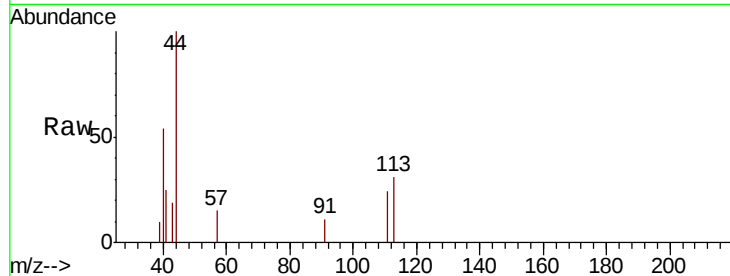
Tot Ion:113 Resp: 859

Ion Ratio Lower Upper

113 100

111 76.0 79.9 119.9#

192 0.0 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 1.516 ug/l

RT: 4.17 min Scan# 359

Delta R.T. -0.11 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

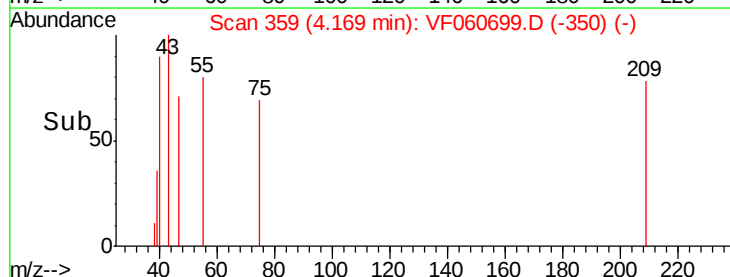
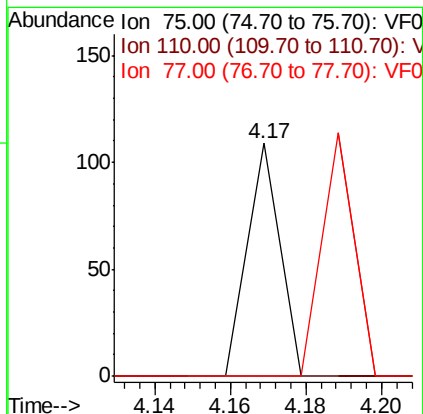
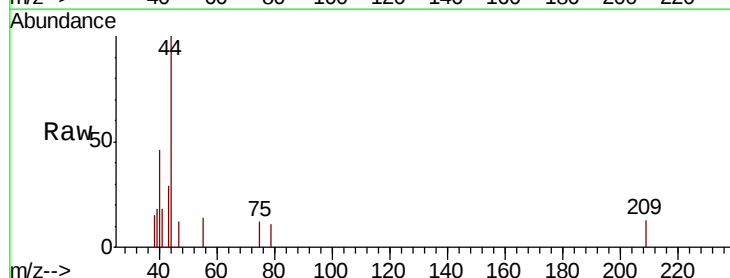
Tgt Ion: 75 Resp: 65

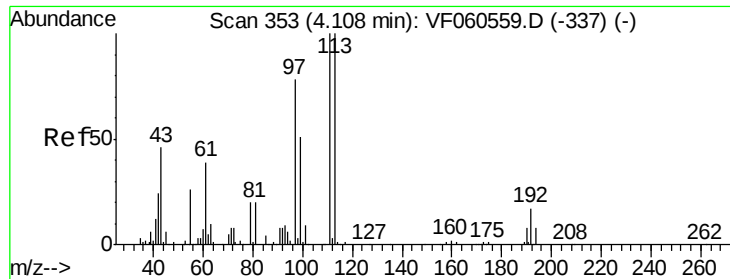
Ion Ratio Lower Upper

75 100

110 0.0 16.2 48.6#

77 0.0 25.0 37.6#





#37

Ethyl Acetate

Concen: 10.352 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.03 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SR-2-SRE

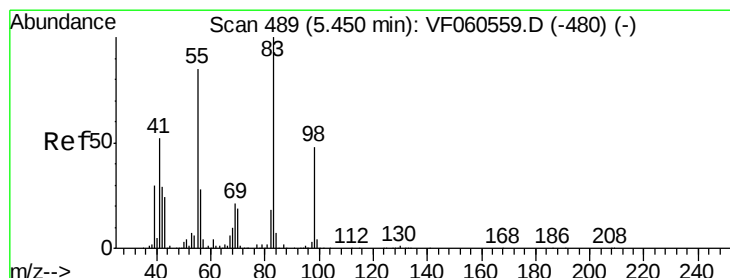
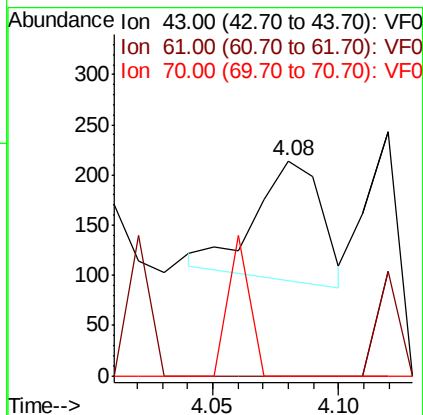
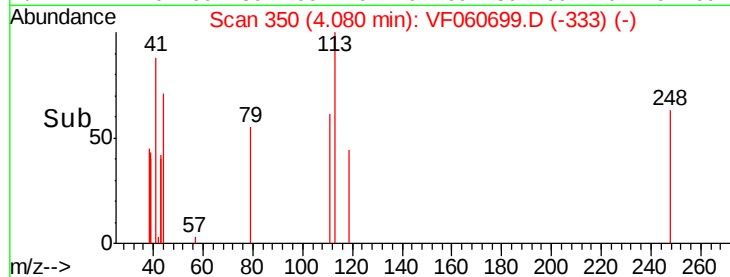
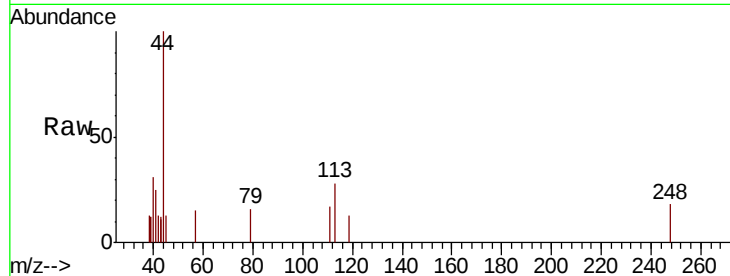
Tot Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

61 0.0 63.4 95.2#

70 0.0 9.3 13.9#



#39

Methylcyclohexane

Concen: 1.185 ug/l

RT: 5.41 min Scan# 485

Delta R.T. -0.04 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

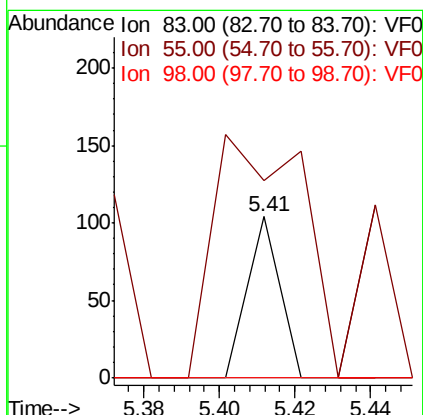
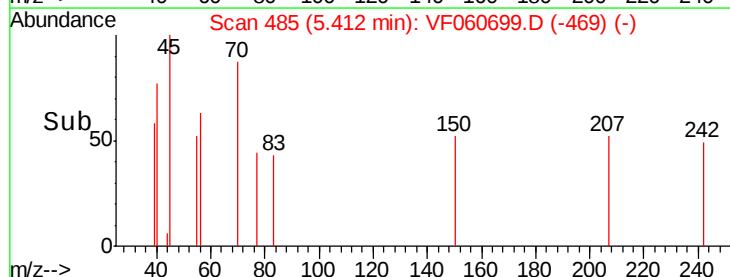
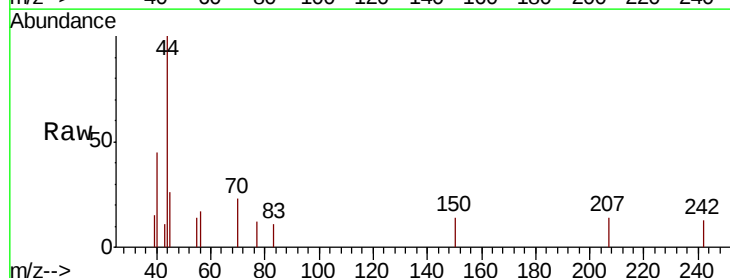
Tgt Ion: 83 Resp: 62

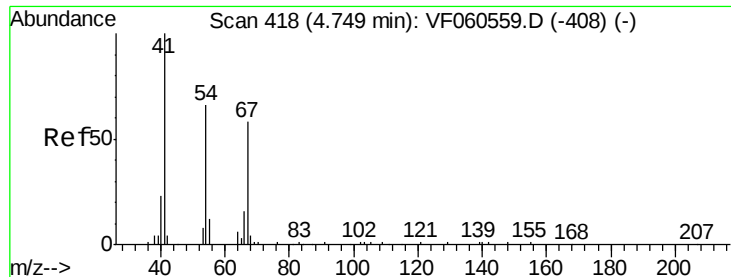
Ion Ratio Lower Upper

83 100

55 122.1 69.1 103.7#

98 0.0 38.6 57.8#

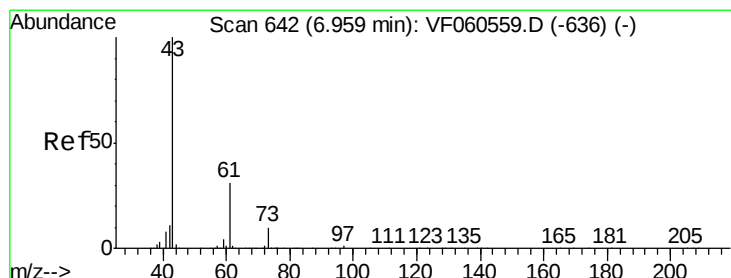
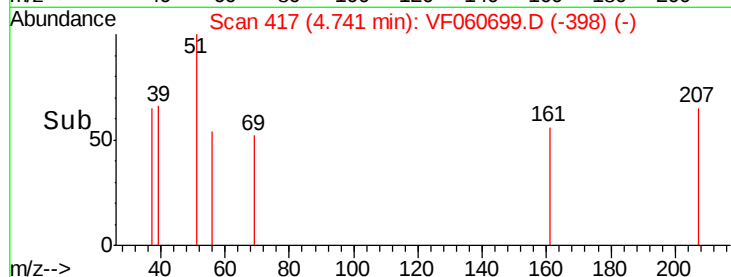
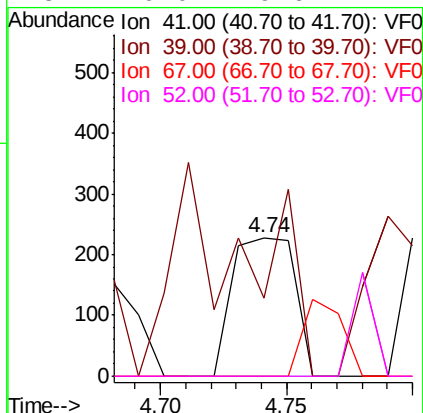
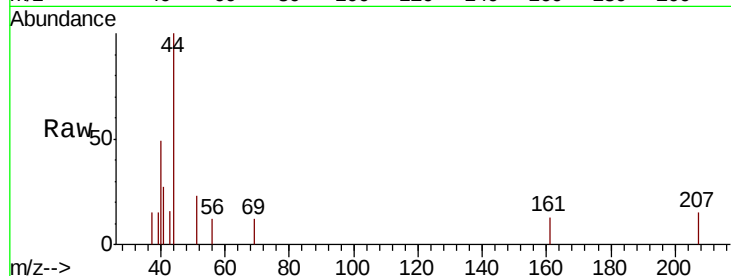




#41
Methacrylonitrile
Concen: 33.898 ug/l
RT: 4.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

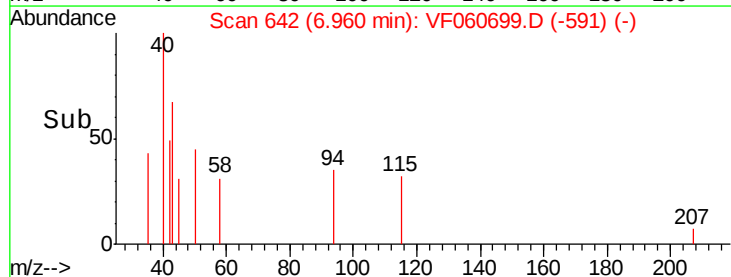
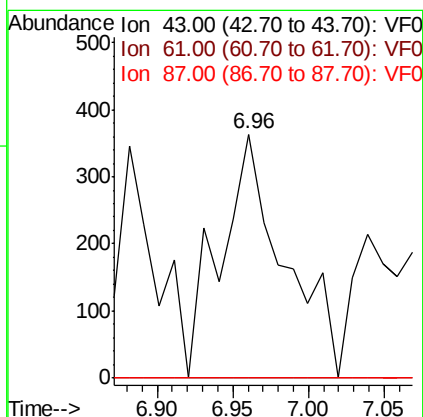
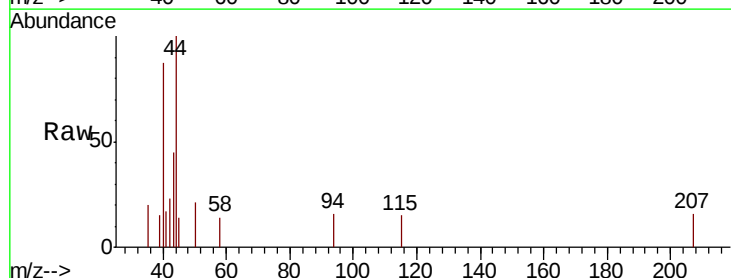
Instrument :
MSVOA_F
ClientSampleId :
SR-2-SRE

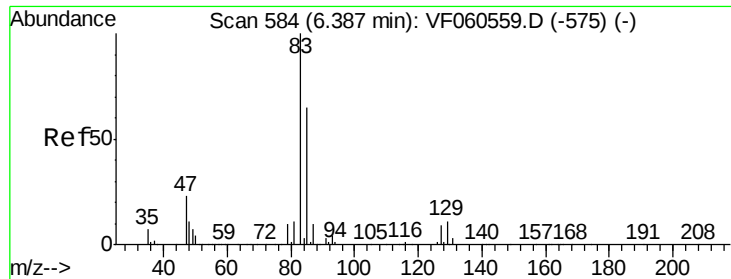
Tot Ion:	41	Resp:	395
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.6	68.4
67	0.0	45.3	67.9#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 40.956 ug/l
RT: 6.96 min Scan# 642
Delta R.T. 0.00 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

Tgt Ion:	43	Resp:	1066
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.2	36.2#
87	0.0	0.2	0.4#





#47

Bromodichloromethane

Concen: 1.572 ug/l

RT: 6.29 min Scan# 574

Delta R.T. -0.10 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SR-2-SRE

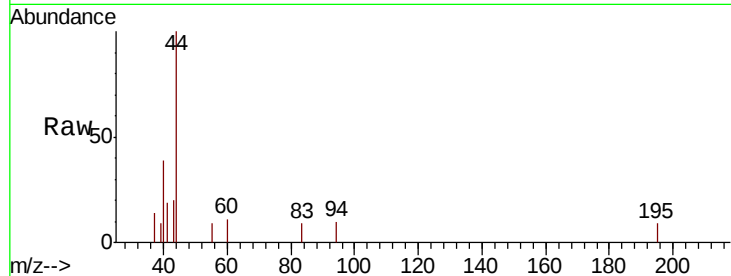
Tot Ion: 83 Resp: 64

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#

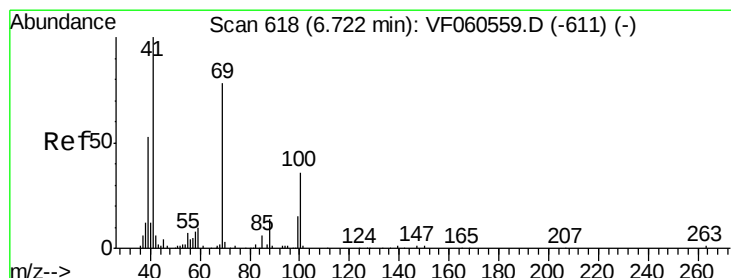
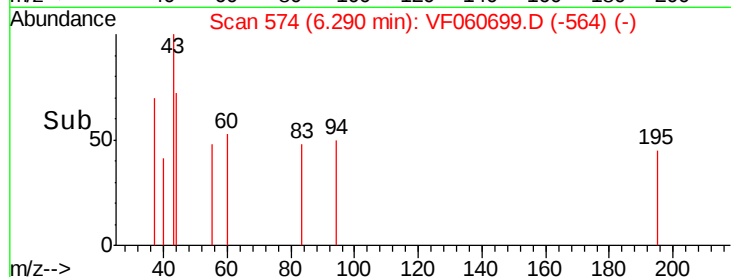
127 0.0 7.0 10.4#



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0
Ion 127.00 (126.70 to 127.70): V

6.29

Time-->



#48

Methyl methacrylate

Concen: 30.566 ug/l

RT: 6.68 min Scan# 614

Delta R.T. -0.04 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

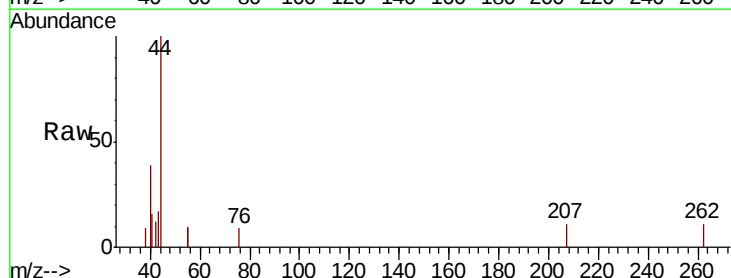
Tgt Ion: 41 Resp: 500

Ion Ratio Lower Upper

41 100

69 0.0 61.1 91.7#

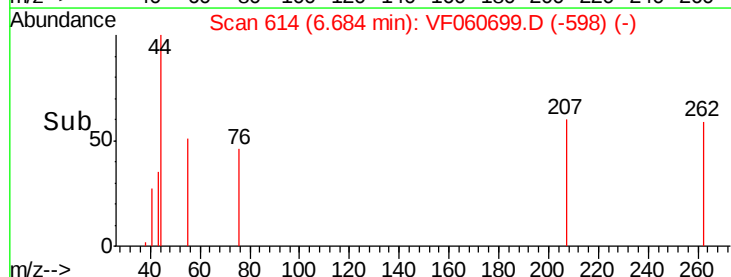
39 0.0 43.0 64.6#

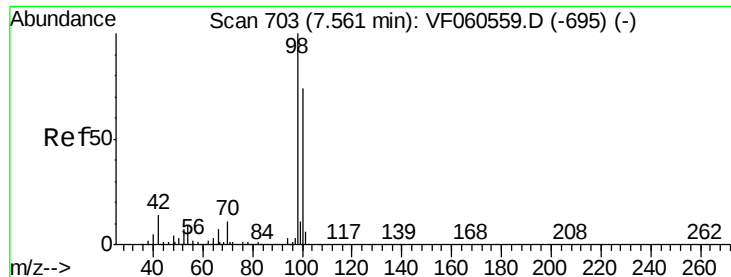


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

6.68

Time-->

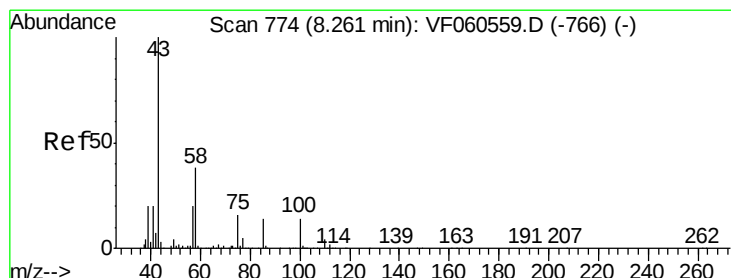
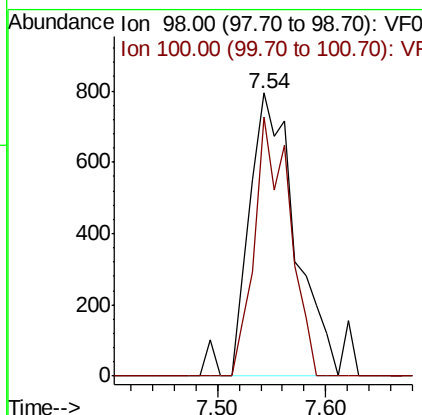
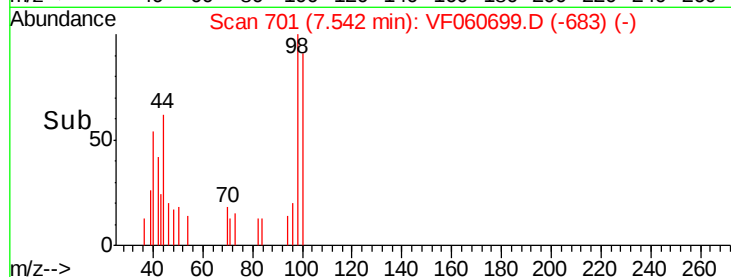
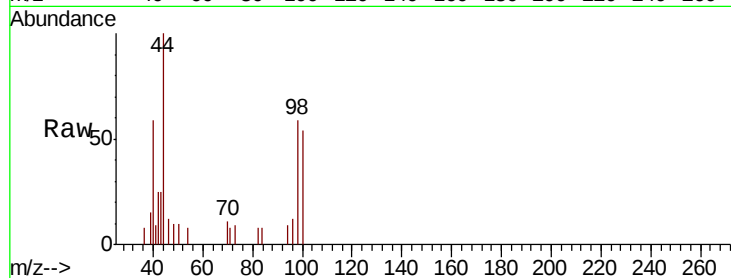




#50
Toluene-d8
Concen: 26.802 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

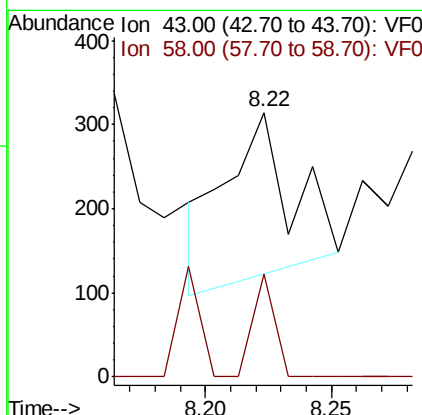
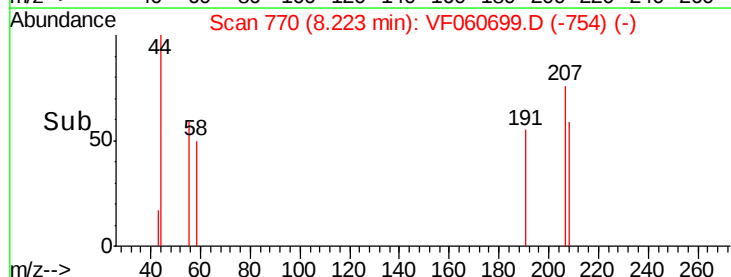
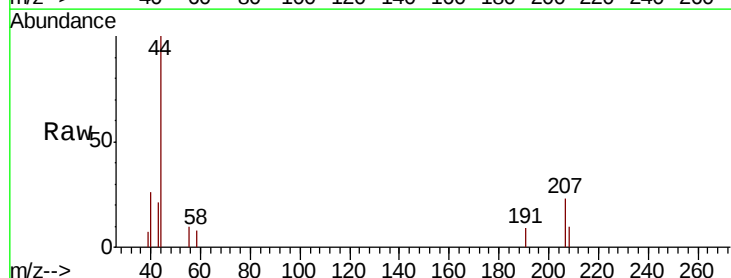
Instrument :
MSVOA_F
ClientSampled :
SR-2-SRE

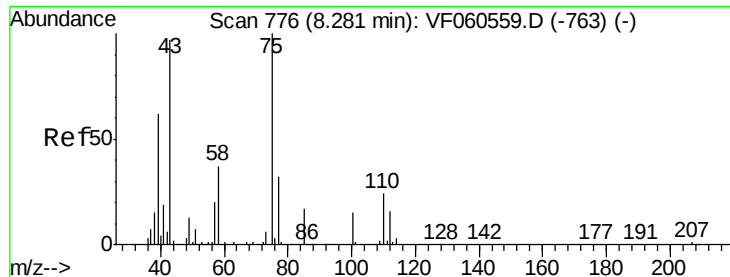
Tot Ion: 98 Resp: 2388
Ion Ratio Lower Upper
98 100
100 91.4 59.4 89.2#



#51
4-Methyl-2-Pentanone
Concen: 20.682 ug/l
RT: 8.22 min Scan# 770
Delta R.T. -0.04 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
58 39.0 30.1 45.1





#53

t-1,3-Dichloropropene

Concen: 1.695 ug/l

RT: 8.28 min Scan# 776

Delta R.T. 0.00 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampled :

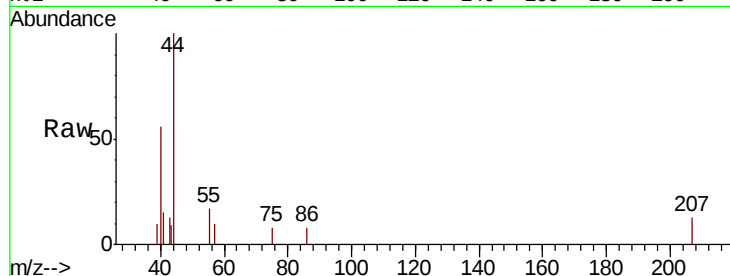
SR-2-SRE

Tot Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

100

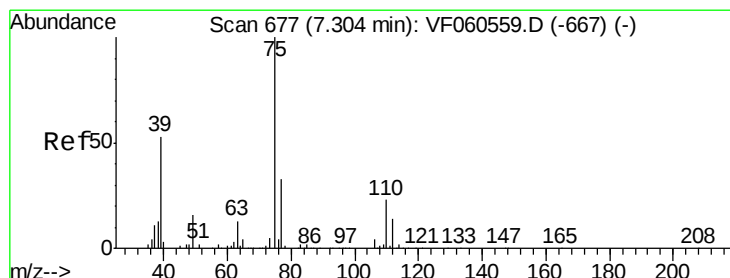
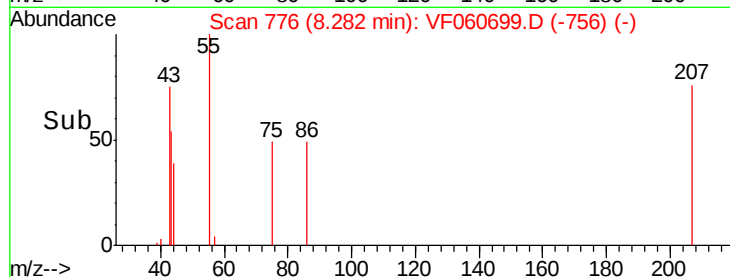
8.28

50

0

8.26 8.28 8.30

Time-->



#54

cis-1,3-Dichloropropene

Concen: 1.565 ug/l

RT: 7.35 min Scan# 681

Delta R.T. 0.04 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

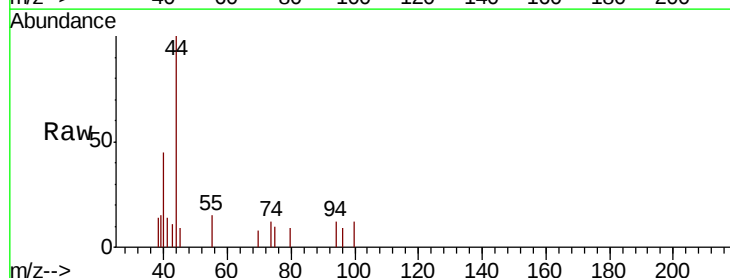
Tgt Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

77 0.0 26.7 40.1#

39 150.8 43.0 64.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

300

250

200

150

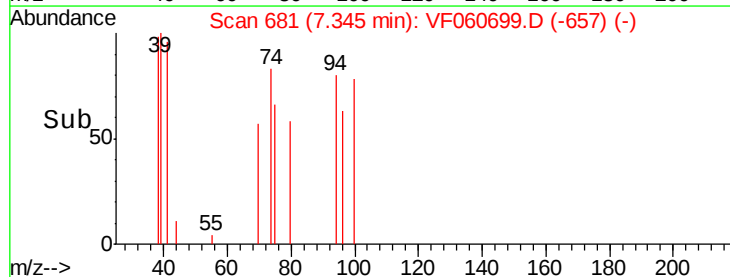
100

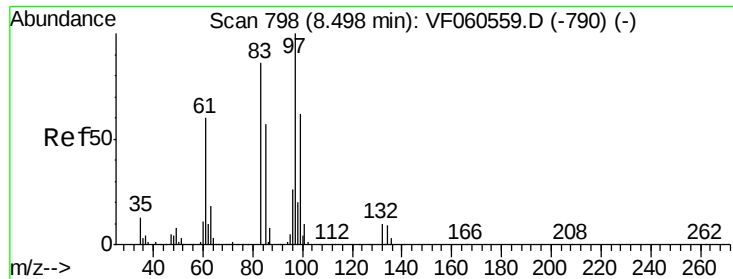
50

0

7.32 7.34 7.36

Time-->

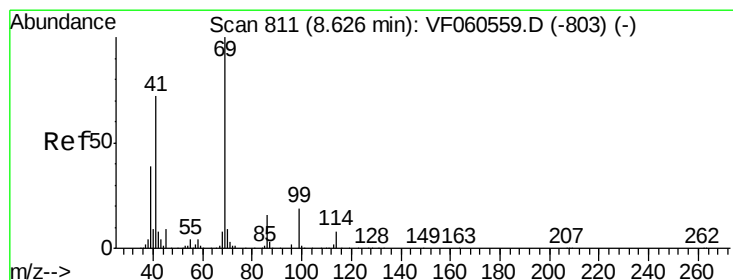
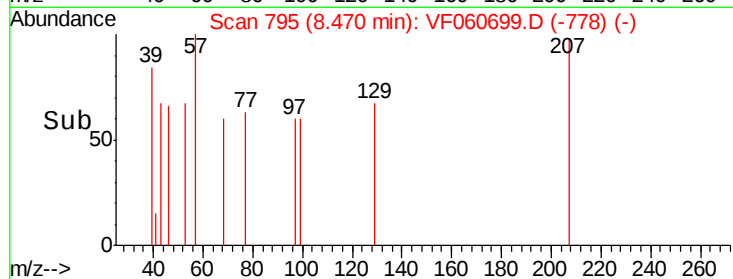
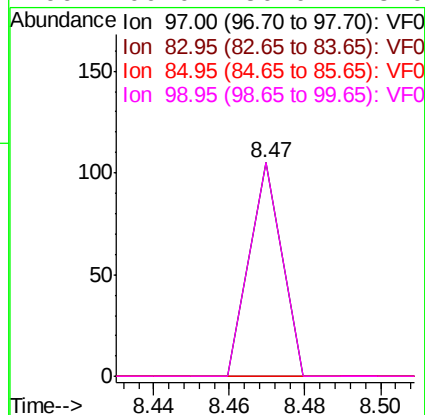
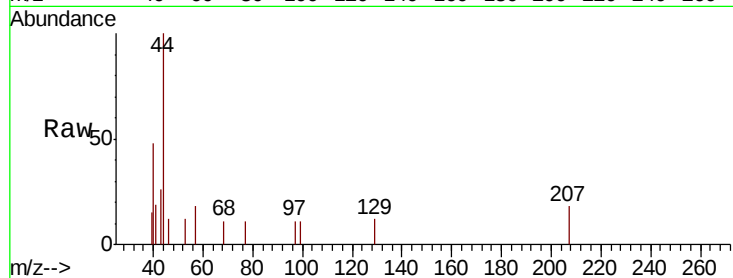




#55
 1,1,2-Trichloroethane
 Concen: 3.144 ug/l
 RT: 8.47 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: VF060699.D
 Acq: 12 Nov 2018 22:24

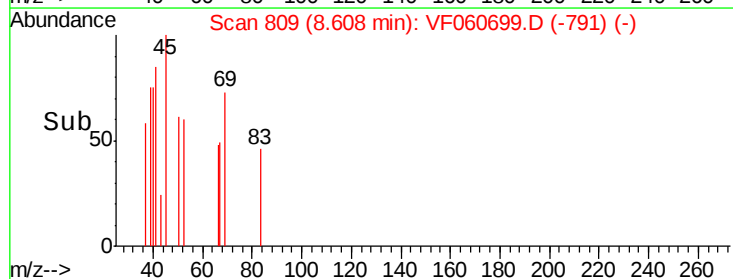
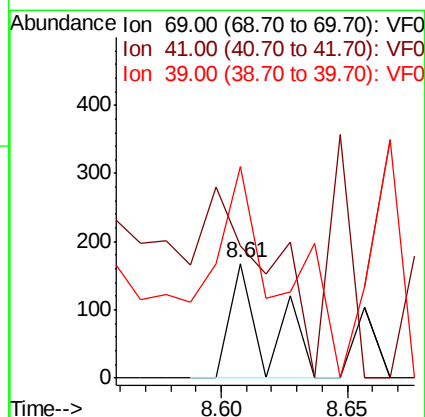
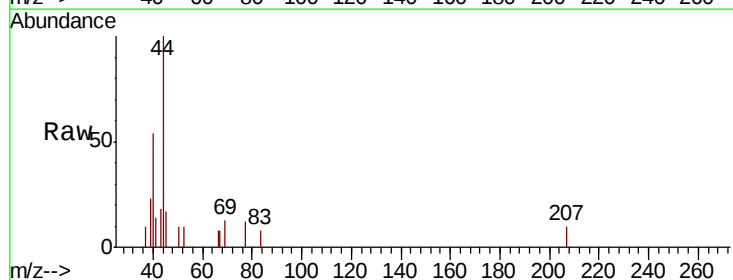
Instrument :
 MSVOA_F
 ClientSampleId :
 SR-2-SRE

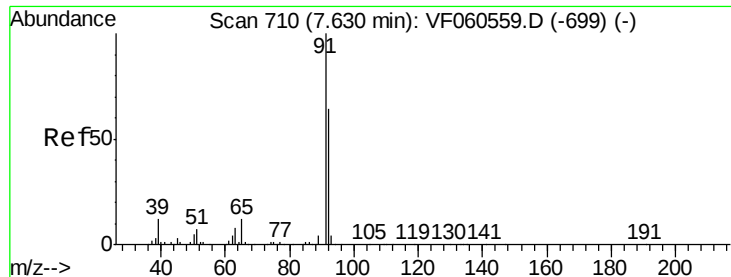
Tot Ion: 97 Resp: 62
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.4 104.0#
 85 0.0 46.6 69.8#
 99 100.0 50.0 75.0#



#56
 Ethyl methacrylate
 Concen: 6.739 ug/l
 RT: 8.61 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: VF060699.D
 Acq: 12 Nov 2018 22:24

Tgt Ion: 69 Resp: 171
 Ion Ratio Lower Upper
 69 100
 41 115.5 59.2 88.8#
 39 184.5 32.3 48.5#





#58

2-Chloroethyl Vinyl ether

Concen: 17.565 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.03 min

Lab File: VF060699.D

Acq: 12 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

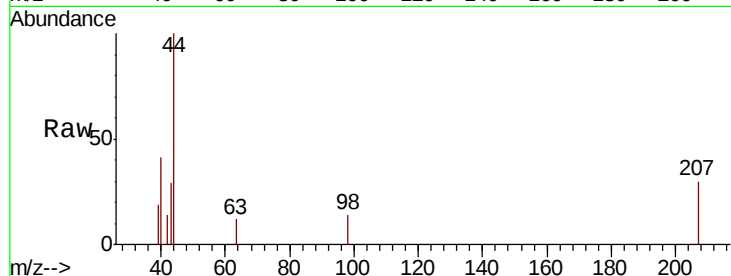
SR-2-SRE

Tot Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.60

100

80

60

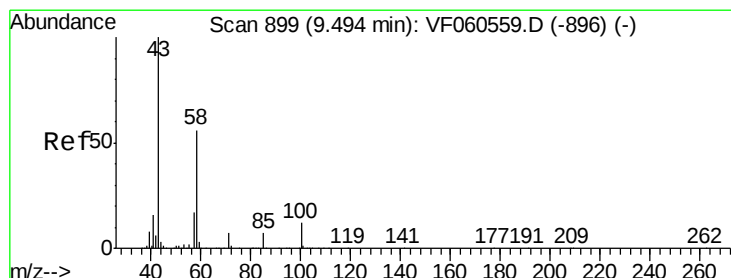
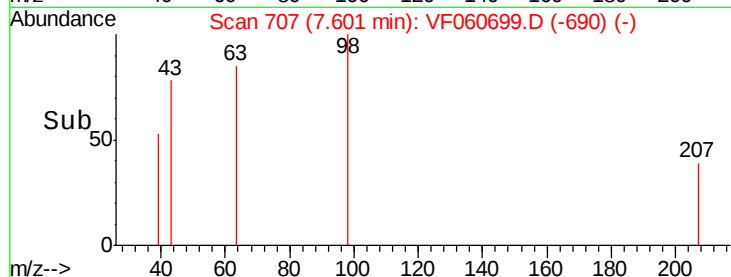
40

20

0

Time-->

7.58 7.60 7.62



#59

2-Hexanone

Concen: Below Cal

RT: 9.48 min Scan# 897

Delta R.T. -0.02 min

Lab File: VF060699.D

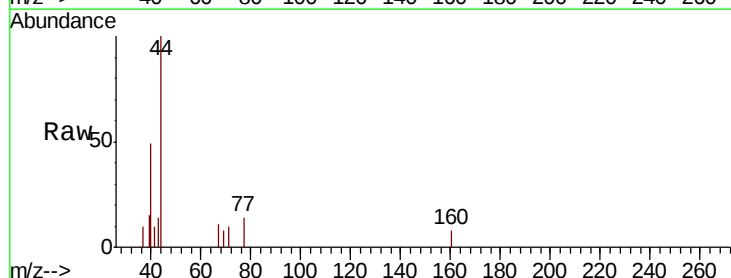
Acq: 12 Nov 2018 22:24

Tgt Ion: 43 Resp: 104

Ion Ratio Lower Upper

43 100

58 0.0 26.1 78.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.48

250

200

150

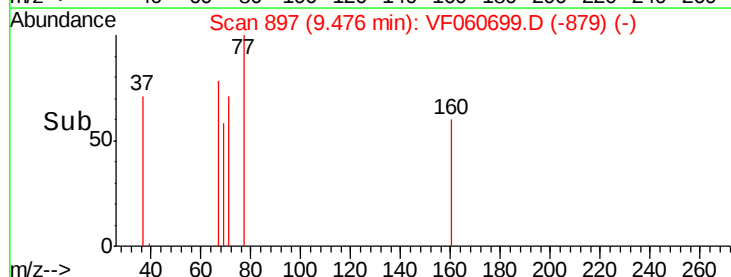
100

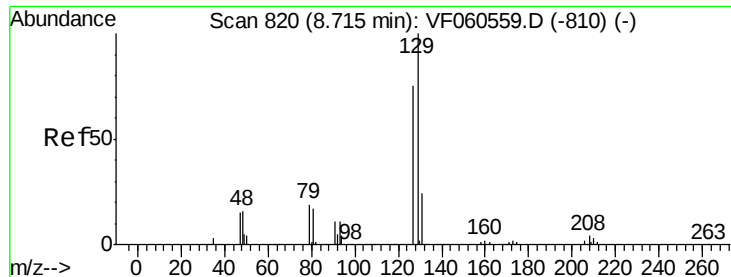
50

0

Time-->

9.46 9.47 9.48 9.49

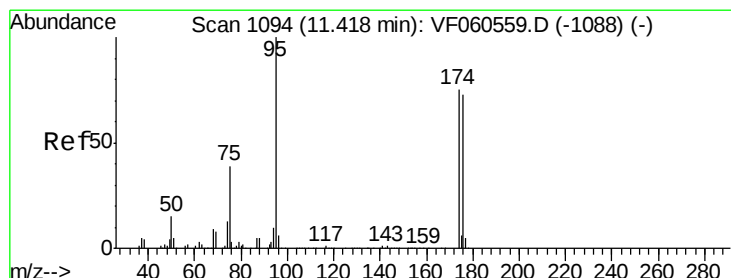
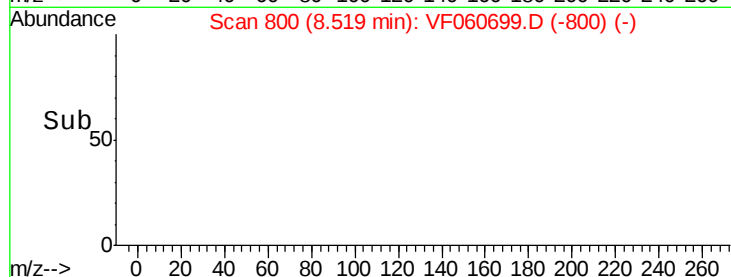
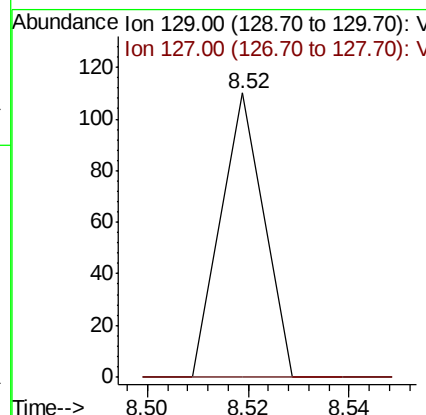
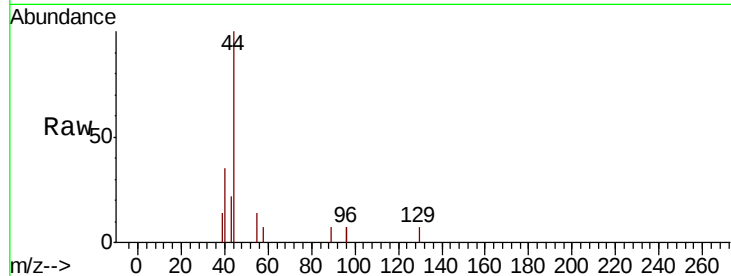




#60
Dibromochloromethane
Concen: 2.356 ug/l
RT: 8.52 min Scan# 800
Delta R.T. -0.20 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

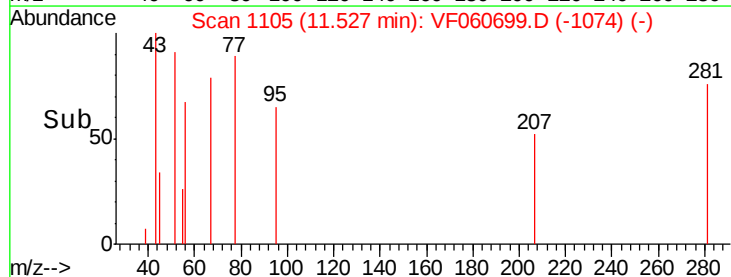
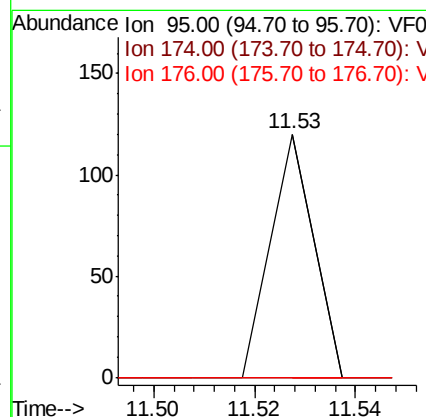
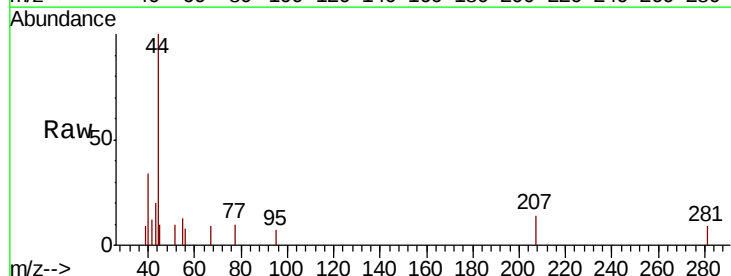
Instrument :
MSVOA_F
ClientSampleId :
SR-2-SRE

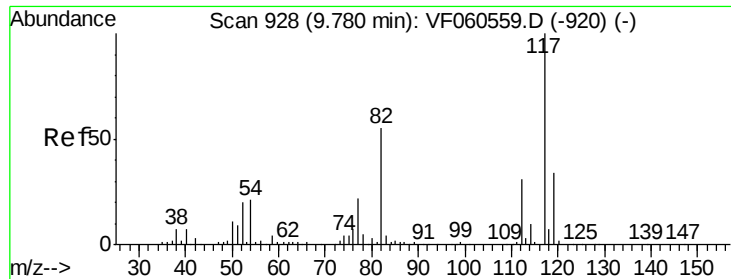
Tot Ion:129 Resp: 65
Ion Ratio Lower Upper
129 100
127 0.0 37.8 113.3#



#62
4-Bromofluorobenzene
Concen: 1.822 ug/l
RT: 11.53 min Scan# 1105
Delta R.T. 0.11 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

Tgt Ion: 95 Resp: 71
Ion Ratio Lower Upper
95 100
174 0.0 0.0 149.0
176 0.0 0.0 145.6

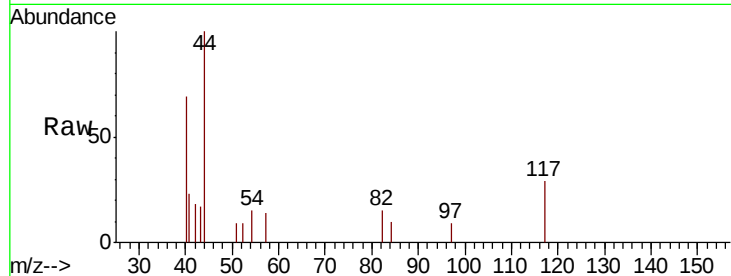




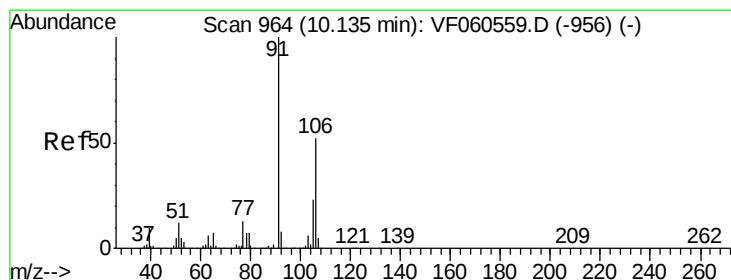
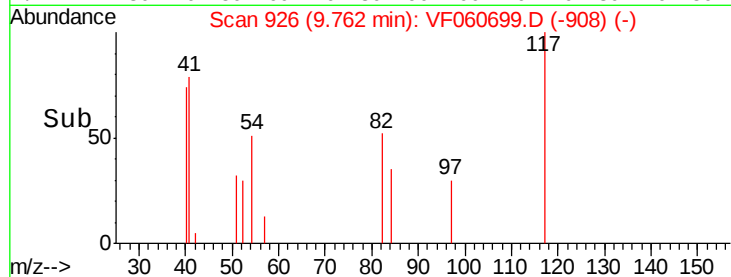
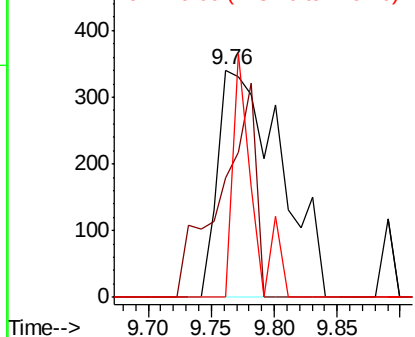
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SR-2-SRE

Tot Ion:117 Resp: 1177
Ion Ratio Lower Upper
117 100
82 52.5 43.9 65.9
119 0.0 27.4 41.0#

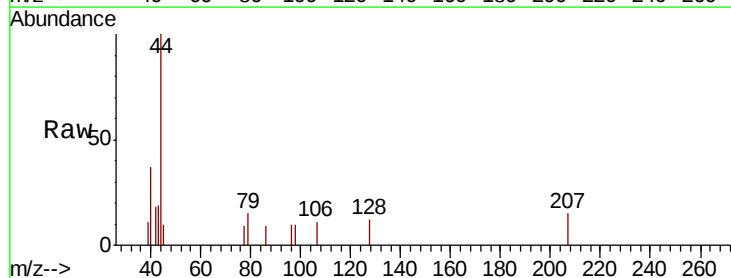


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

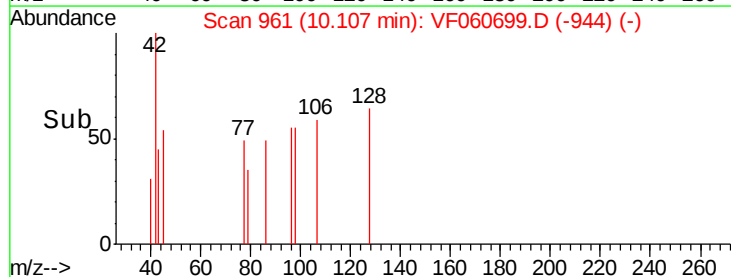
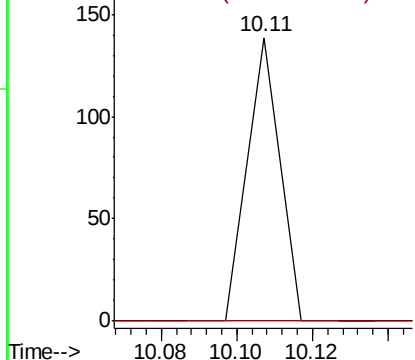


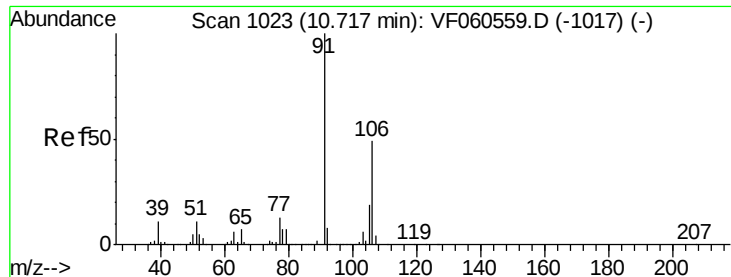
#68
m/p-Xylenes
Concen: 4.984 ug/l
RT: 10.11 min Scan# 961
Delta R.T. -0.03 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

Tgt Ion:106 Resp: 82
Ion Ratio Lower Upper
106 100
91 0.0 153.9 230.9#



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

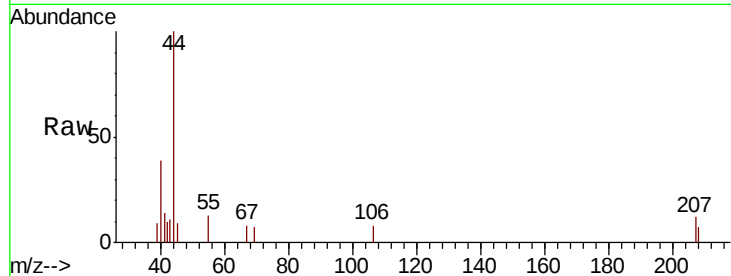




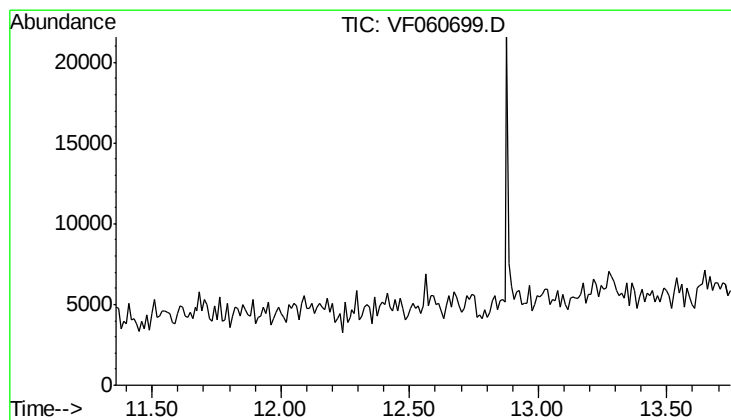
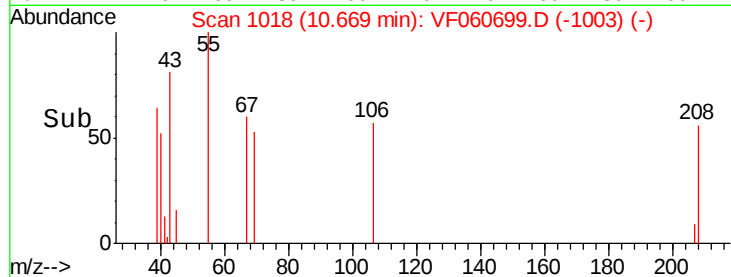
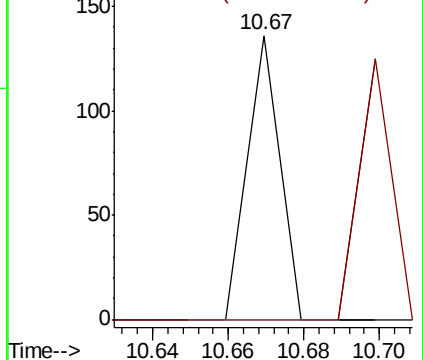
#69
o-Xylene
Concen: 4.453 ug/l
RT: 10.67 min Scan# 1018
Delta R.T. -0.05 min
Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SR-2-SRE

Tot Ion:106 Resp: 80
Ion Ratio Lower Upper
106 100
91 0.0 101.8 305.3#



Abundance Ion 106.00 (105.70 to 106.70): VF060699.D
Ion 91.00 (90.70 to 91.70): VF060699.D



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.55 min

Lab File: VF060699.D
Acq: 12 Nov 2018 22:24

Tgt Ion: 152
Sig Exp Ratio
152 100
115 59.2
150 157.8

