

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027267.D
 Acq On : 28 Sep 2018 13:32
 Operator : MD/SY
 Sample : J5104-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-JEB5-2

Quant Time: Sep 28 16:18:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	95880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166109	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	162081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85255	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	97987	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
35) Dibromofluoromethane	4.89	113	68131	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	7.57	98	274442	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	10.31	95	96670	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	437	0.217	ug/l #	79
6) Chloroethane	1.57	64	5062	3.932	ug/l #	64
11) Tert butyl alcohol	2.83	59	769	1.739	ug/l #	72
12) 1,1-Dichloroethene	2.29	96	901	0.680	ug/l	96
13) Acrolein	2.19	56	201	0.843	ug/l #	1
14) Allyl chloride	2.71	41	10671	3.973	ug/l #	58
16) Acetone	2.32	43	378632	377.860	ug/l	98
17) Carbon Disulfide	2.49	76	1124	0.261	ug/l #	75
18) Methyl Acetate	2.71	43	25452	9.267	ug/l #	55
20) Methylene Chloride	2.70	84	1170	0.677	ug/l #	67
25) 2-Butanone	4.27	43	27729	17.098	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	31803	19.918	ug/l	93
31) Cyclohexane	5.00	56	20911	6.773	ug/l #	94
36) 1,1-Dichloropropene	4.98	75	8874	4.003	ug/l #	53
37) Ethyl Acetate	4.27	43	27729	9.240	ug/l #	70
38) Carbon Tetrachloride	4.99	117	10126	4.800	ug/l #	17
39) Methylcyclohexane	6.42	83	39468	16.382	ug/l	89
40) Benzene	5.40	78	5248	0.779	ug/l	99
41) Methacrylonitrile	4.57	41	1429	0.917	ug/l #	42
43) Isopropyl Acetate	5.54	43	51783	11.831	ug/l #	62
44) Trichloroethene	6.19	130	17890	12.469	ug/l	97
45) 1,2-Dichloropropane	6.42	63	715	0.372	ug/l #	1
48) Methyl methacrylate	6.64	41	3125	2.297	ug/l #	35
49) 1,4-Dioxane	6.42	88	104	0.471	ug/l #	1
51) 4-Methyl-2-Pentanone	7.46	43	679	0.231	ug/l #	78
52) Toluene	7.64	92	12905	3.341	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	4443	2.714	ug/l #	18
56) Ethyl methacrylate	8.05	69	1268	2.620	ug/l #	30
58) 2-Chloroethyl Vinyl ether	7.06	63	20	4.874	ug/l #	52
59) 2-Hexanone	8.36	43	79524	34.512	ug/l	99
67) Ethyl Benzene	9.25	91	23696	3.353	ug/l	97
68) m/p-Xylenes	9.38	106	37819	14.517	ug/l	99
69) o-Xylene	9.78	106	8740	3.491	ug/l	95
70) Styrene	9.78	104	486	1.910	ug/l #	1

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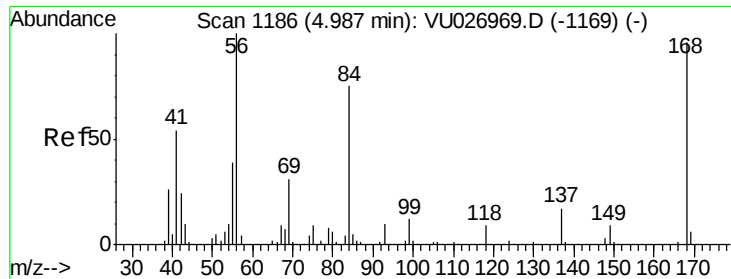
Instrument :
 MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	10.17	105	12733	1.963	ug/l	99
74) N-amyl acetate	10.05	43	78322	20.864	ug/l #	35
76) 1,2,3-Trichloropropane	10.31	75	52689	20.343	ug/l #	36
78) n-propylbenzene	10.59	91	19023	2.479	ug/l	99
79) 2-Chlorotoluene	10.68	91	8606	1.785	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	42770	7.989	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	52689	65.101	ug/l #	100
82) 4-Chlorotoluene	10.77	91	5349	0.990	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.15	105	75806	13.914	ug/l	98
85) sec-Butylbenzene	11.32	105	8238	1.275	ug/l	99
86) p-Isopropyltoluene	11.48	119	7301	2.109	ug/l	97
89) n-Butylbenzene	11.88	91	7777	3.652	ug/l #	36
90) Hexachloroethane	12.15	117	745	0.634	ug/l #	13
95) Naphthalene	13.75	128	7613	2.731	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

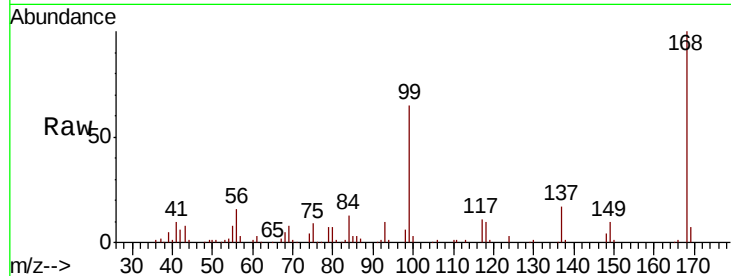
FA18-JEB5-2

Tot Ion:168 Resp: 95880

Ion Ratio Lower Upper

168 100

99 65.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

40000

30000

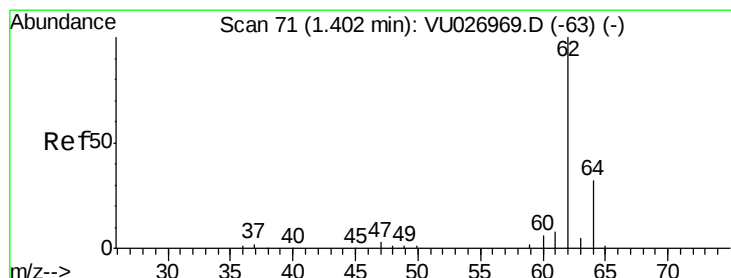
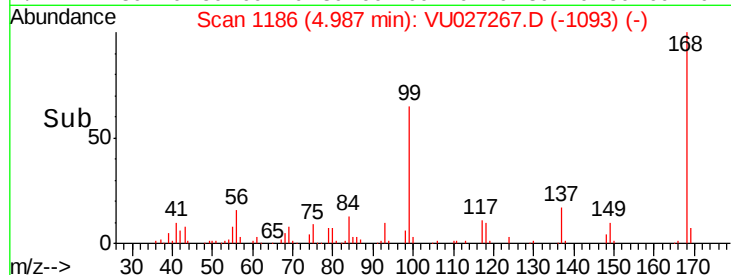
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#4

Vinyl Chloride

Concen: 0.217 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027267.D

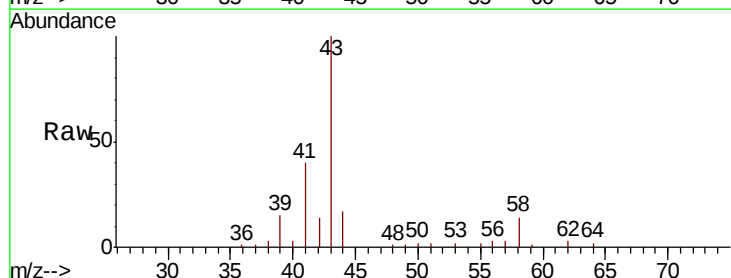
Acq: 28 Sep 2018 13:32

Tgt Ion: 62 Resp: 437

Ion Ratio Lower Upper

62 100

64 43.8 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

800

600

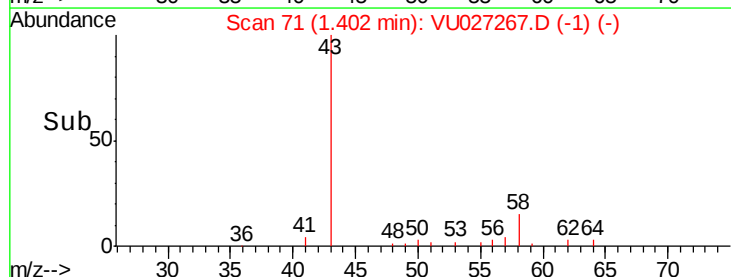
400

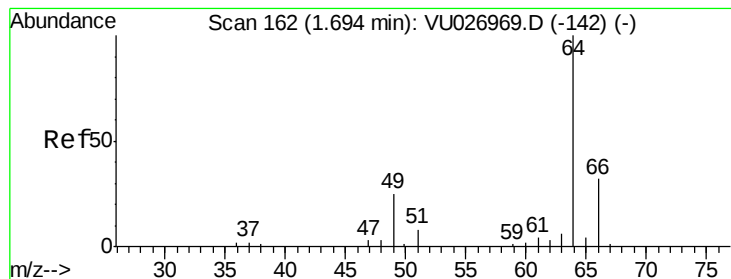
200

0

1.38 1.40 1.42

Time-->





#6

Chloroethane

Concen: 3.932 ug/l

RT: 1.57 min Scan# 124

Delta R.T. -0.12 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

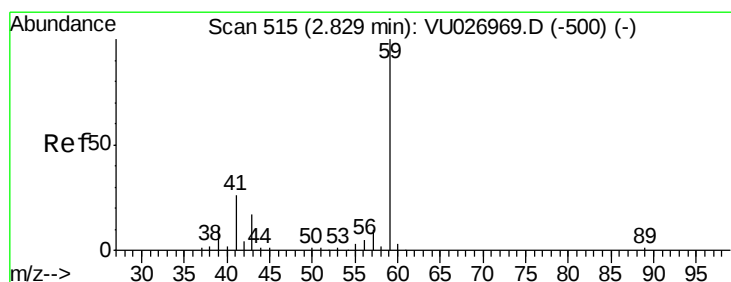
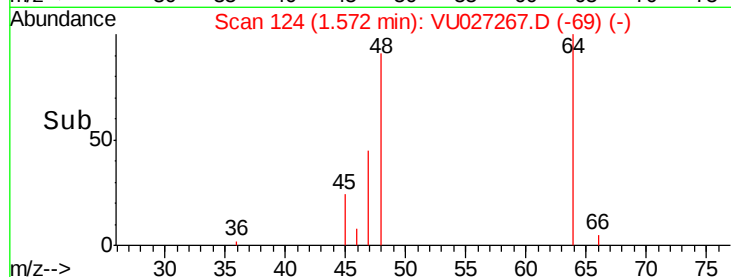
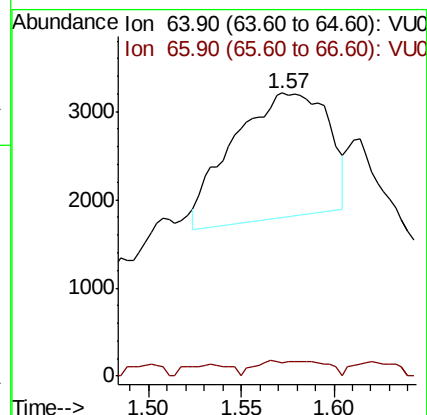
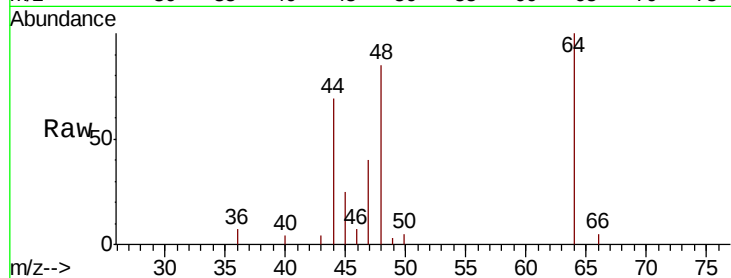
FA18-JEB5-2

Tot Ion: 64 Resp: 5062

Ion Ratio Lower Upper

64 100

66 11.9 25.3 37.9#



#11

Tert butyl alcohol

Concen: 1.739 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027267.D

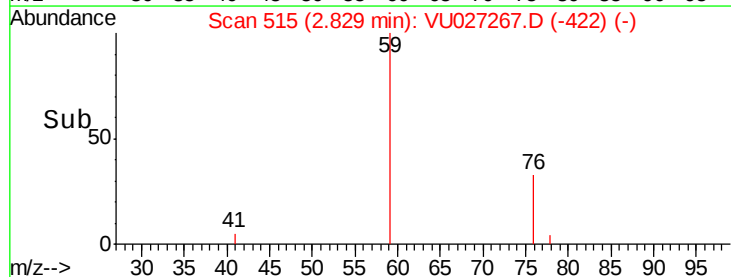
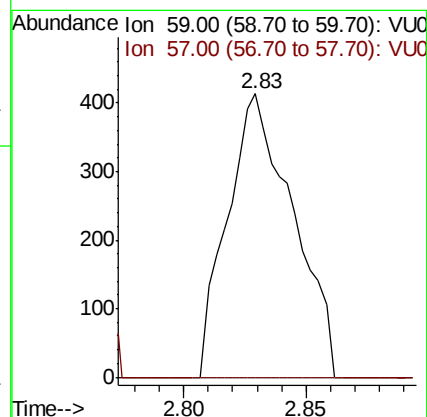
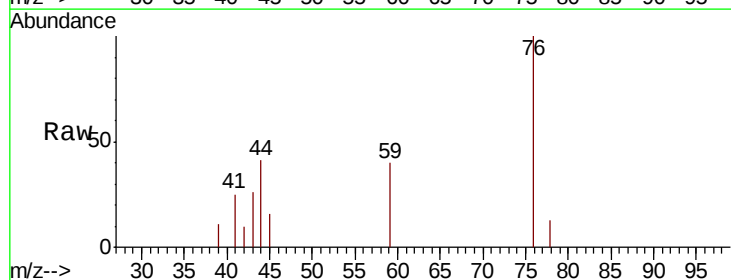
Acq: 28 Sep 2018 13:32

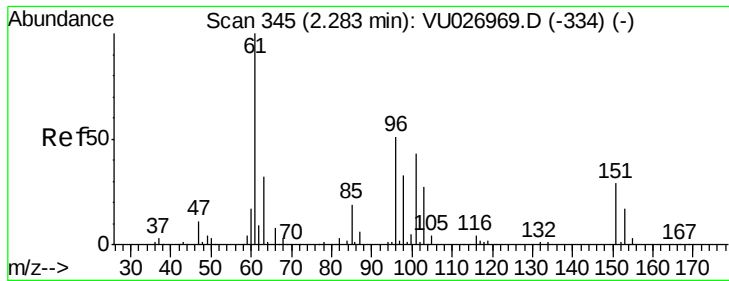
Tgt Ion: 59 Resp: 769

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#12

1,1-Dichloroethene

Concen: 0.680 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

FA18-JEB5-2

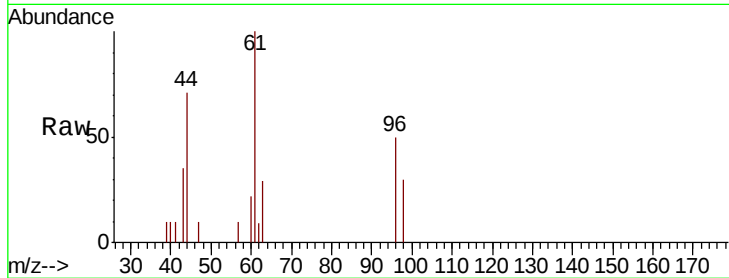
Tot Ion: 96 Resp: 901

Ion Ratio Lower Upper

96 100

61 200.2 156.1 234.1

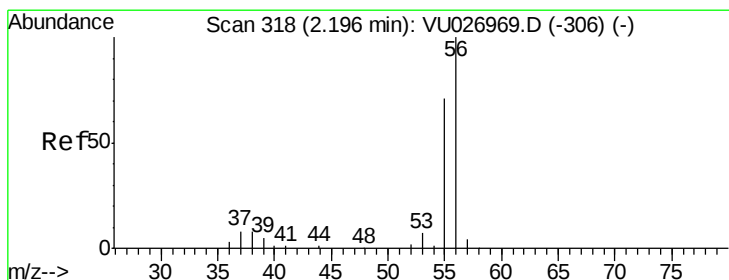
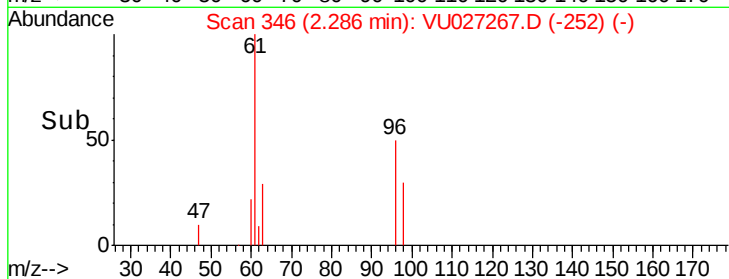
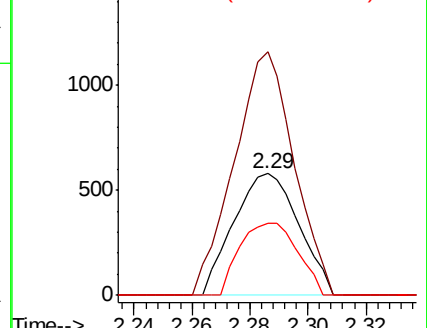
98 59.6 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#13

Acrolein

Concen: 0.843 ug/l

RT: 2.19 min Scan# 316

Delta R.T. -0.01 min

Lab File: VU027267.D

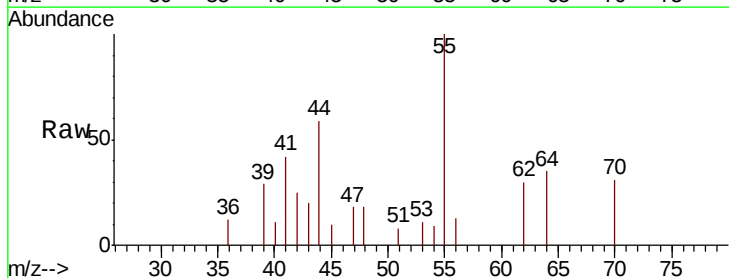
Acq: 28 Sep 2018 13:32

Tgt Ion: 56 Resp: 201

Ion Ratio Lower Upper

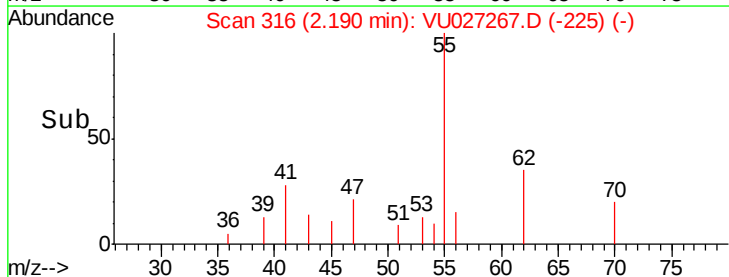
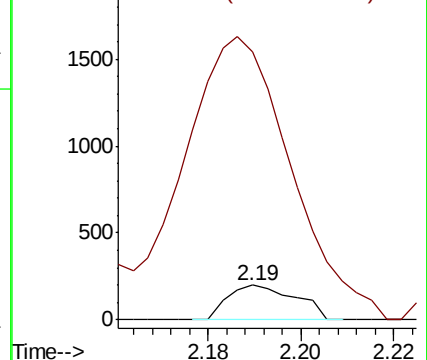
56 100

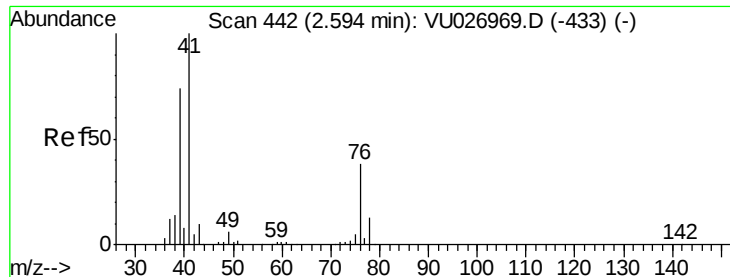
55 1285.1 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0





#14

Allvl chloride

Concen: 3.973 ug/l

RT: 2.71 min Scan# 477

Delta R.T. 0.11 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

FA18-JEB5-2

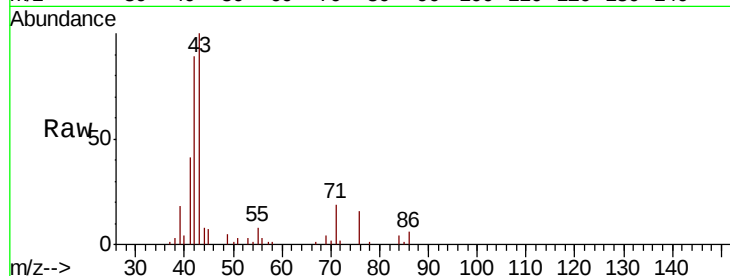
Tot Ion: 41 Resp: 10671

Ion Ratio Lower Upper

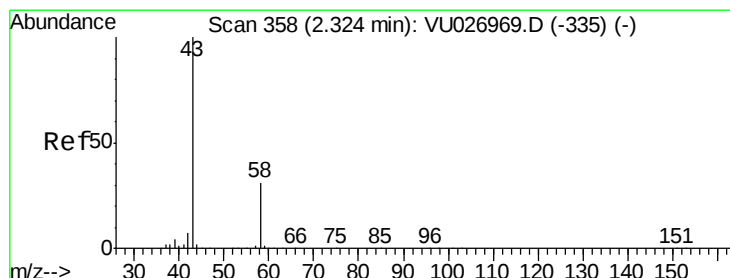
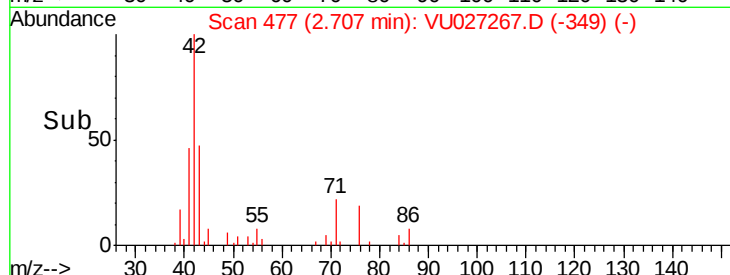
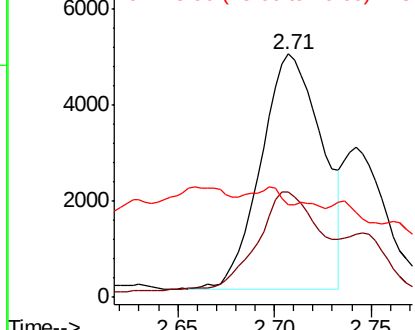
41 100

39 41.2 55.7 83.5#

76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 75.90 (75.60 to 76.60): VU0



#16

Acetone

Concen: 377.860 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027267.D

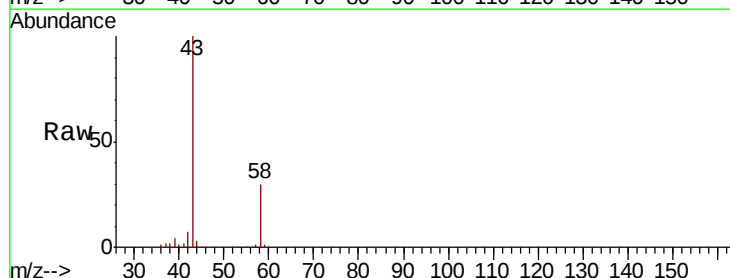
Acq: 28 Sep 2018 13:32

Tgt Ion: 43 Resp: 378632

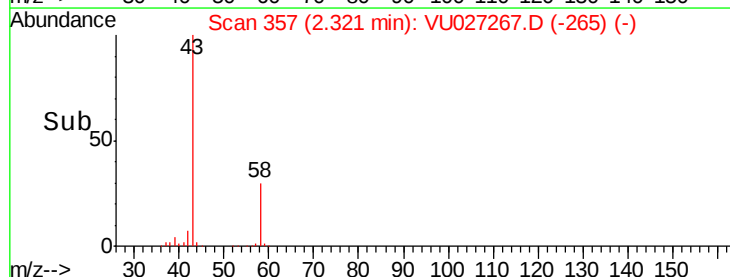
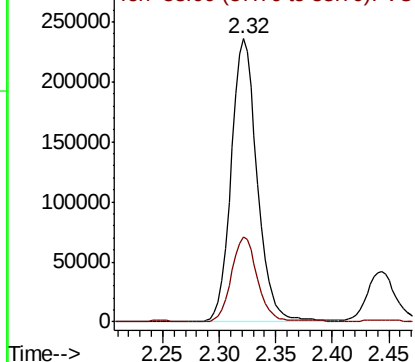
Ion Ratio Lower Upper

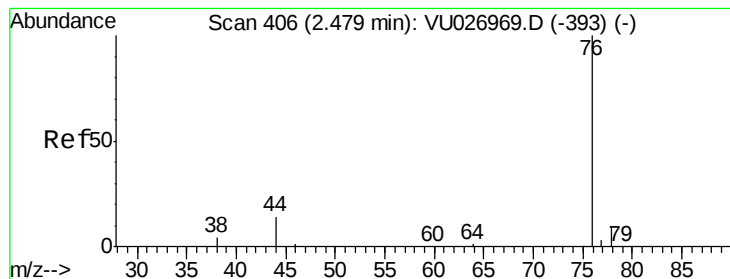
43 100

58 29.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 0.261 ug/l

RT: 2.49 min Scan# 409

Delta R.T. 0.01 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

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ClientSampleId :

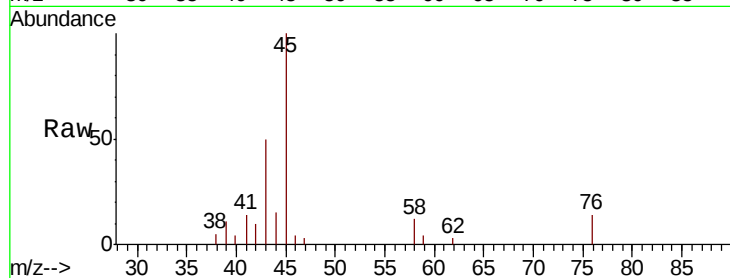
FA18-JEB5-2

Tot Ion: 76 Resp: 1124

Ion Ratio Lower Upper

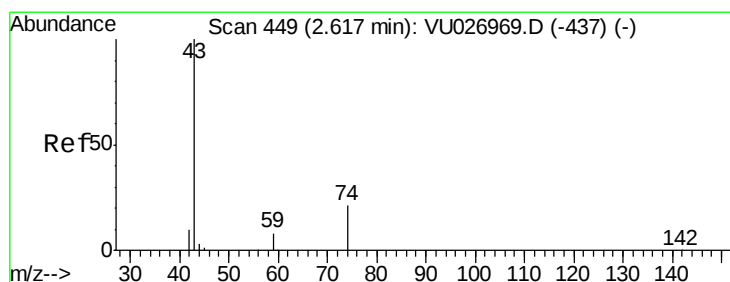
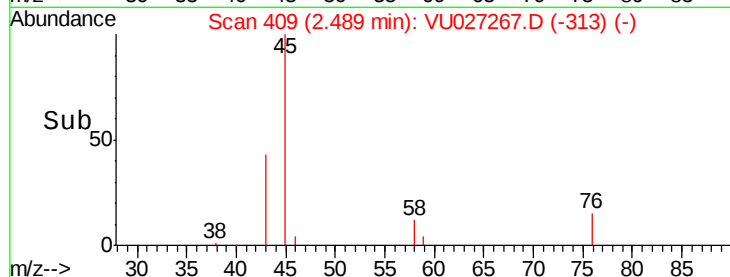
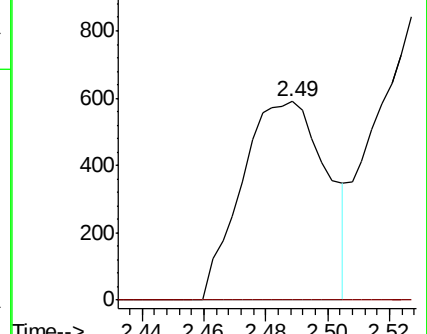
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 9.267 ug/l

RT: 2.71 min Scan# 477

Delta R.T. 0.09 min

Lab File: VU027267.D

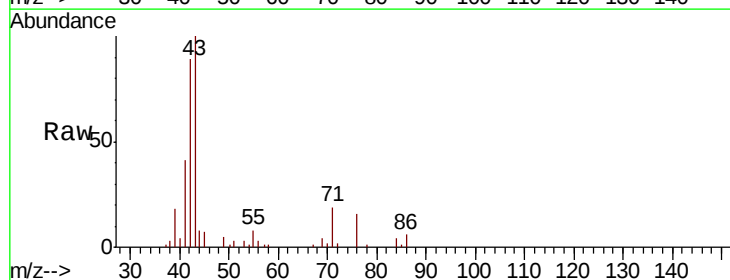
Acq: 28 Sep 2018 13:32

Tgt Ion: 43 Resp: 25452

Ion Ratio Lower Upper

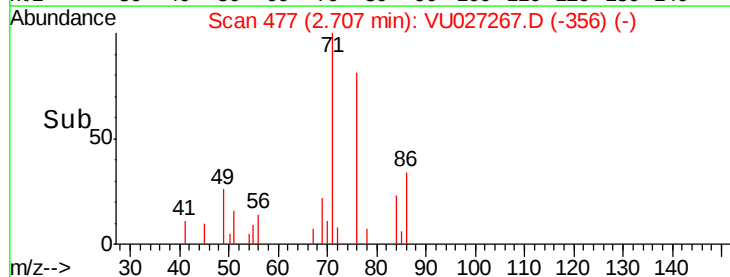
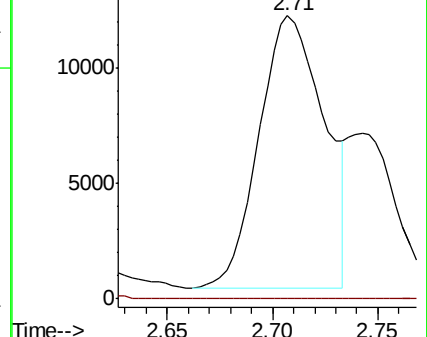
43 100

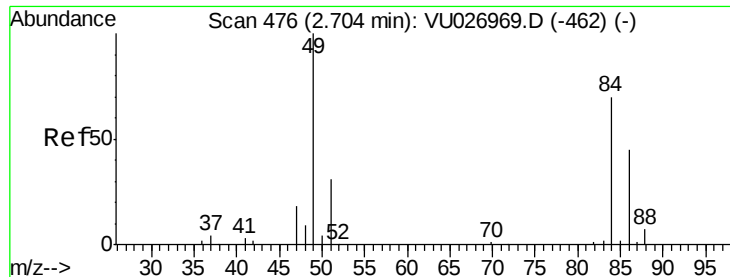
74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

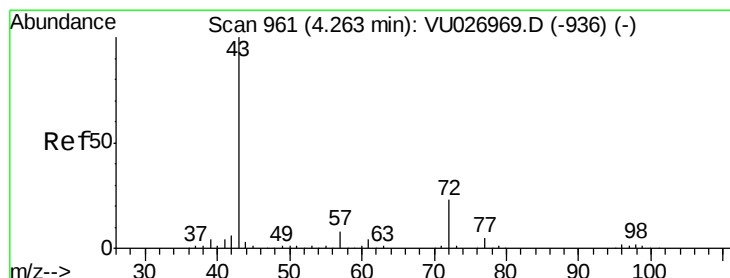
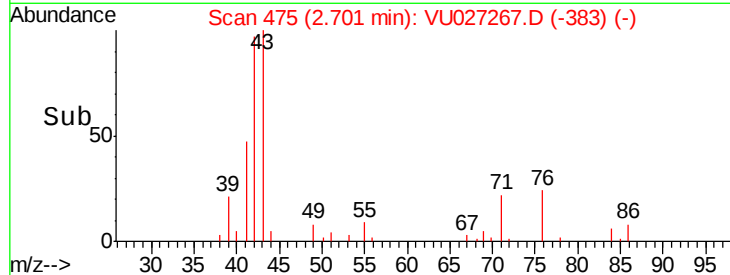
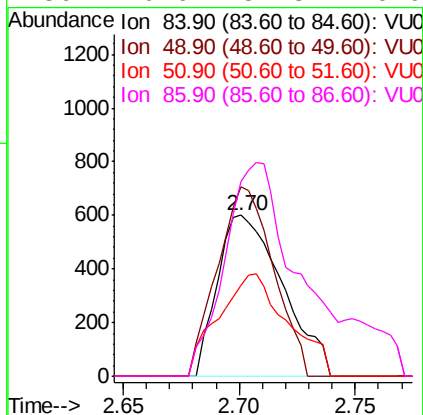
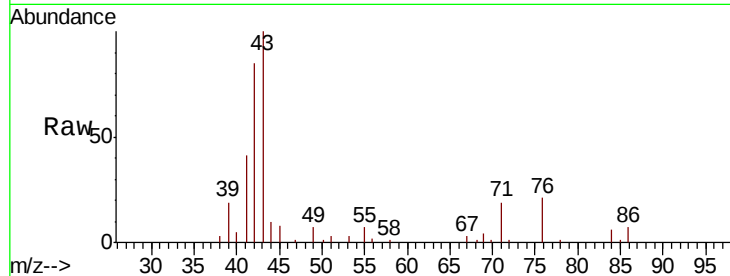




#20
Methvlene Chloride
Concen: 0.677 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

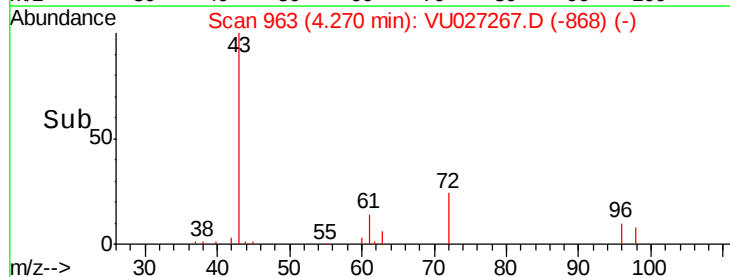
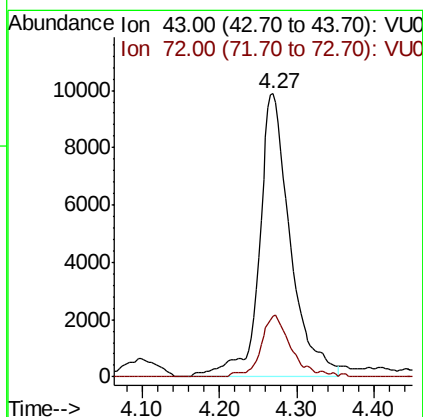
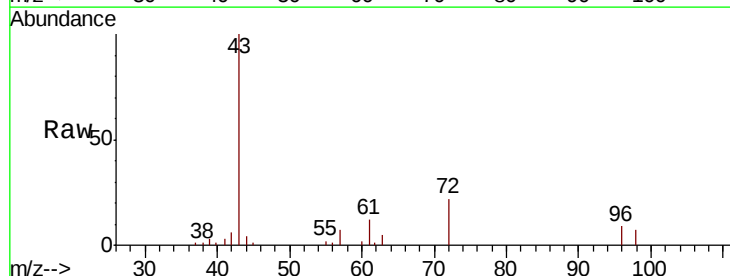
Instrument :
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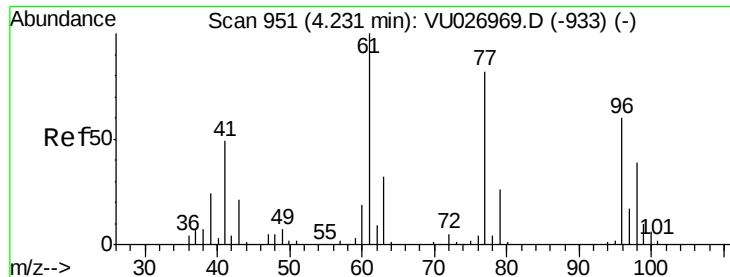
Tot Ion: 84 Resp: 1170
Ion Ratio Lower Upper
84 100
49 117.6 114.9 172.3
51 56.4 35.8 53.8#
86 120.6 51.3 76.9#



#25
2-Butanone
Concen: 17.098 ug/l
RT: 4.27 min Scan# 963
Delta R.T. 0.01 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 43 Resp: 27729
Ion Ratio Lower Upper
43 100
72 21.5 18.4 27.6



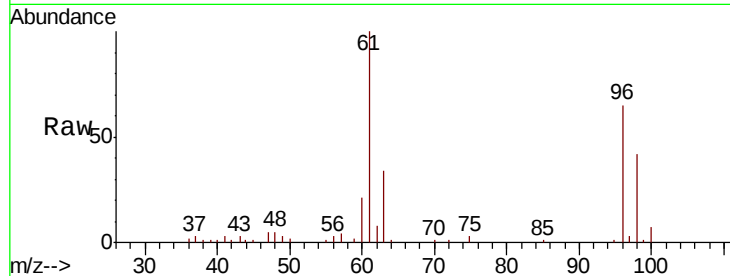


#27

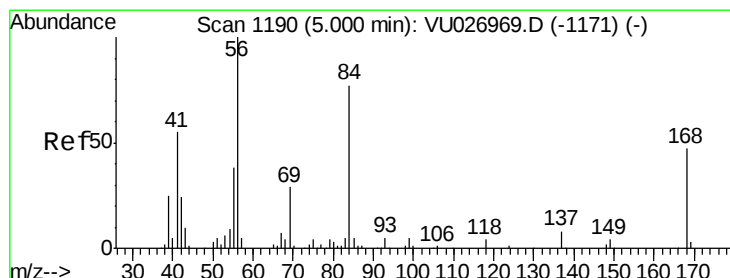
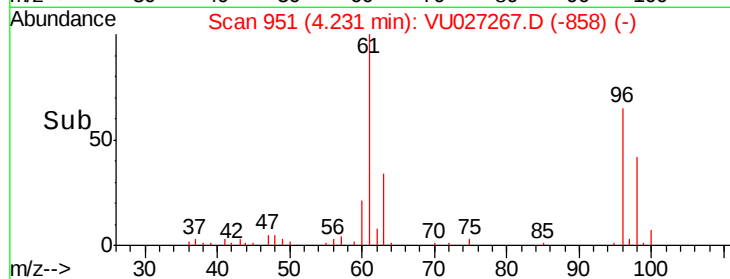
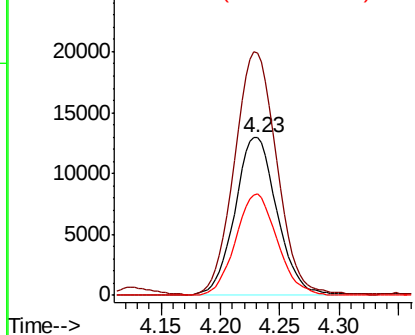
cis-1,2-Dichloroethene
Concen: 19.918 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Instrument :
MSVOA_U
ClientSampleId :
FA18-JEB5-2

Tot Ion: 96 Resp: 31803
Ion Ratio Lower Upper
96 100
61 155.3 0.0 337.2
98 63.2 0.0 127.6



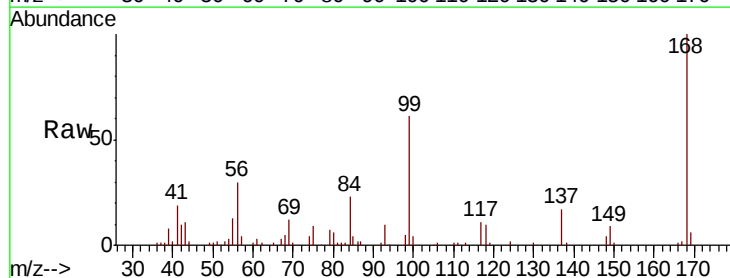
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



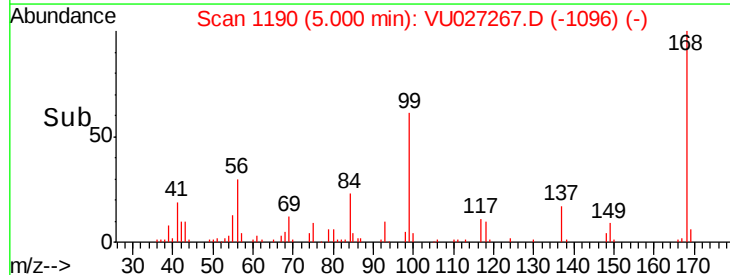
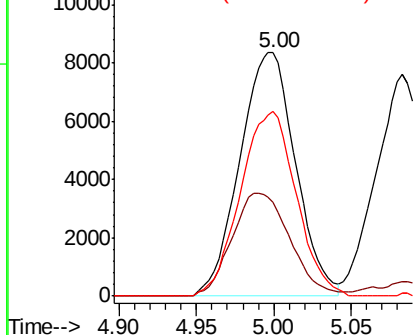
#31

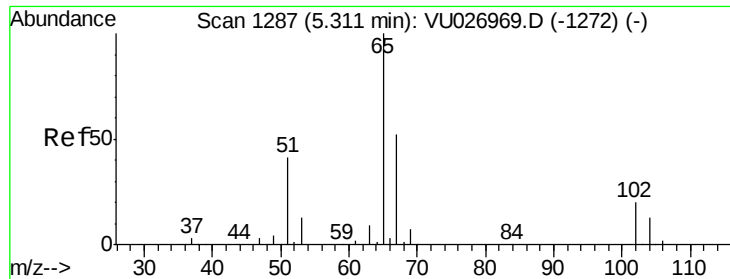
Cyclohexane
Concen: 6.773 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 56 Resp: 20911
Ion Ratio Lower Upper
56 100
69 38.4 23.0 34.4#
84 75.8 61.4 92.2



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

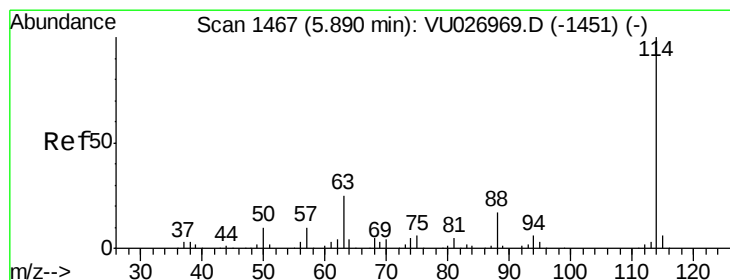
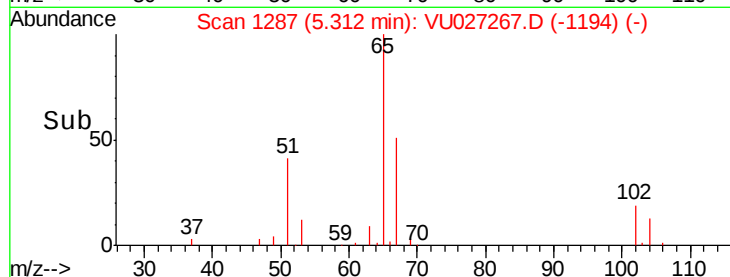
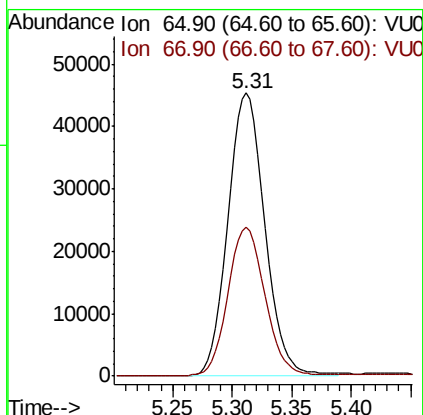
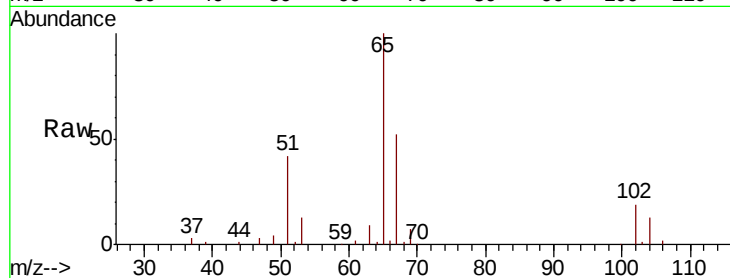




#33
 1,2-Dichloroethane-d4
 Concen: 50.777 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027267.D
 Acq: 28 Sep 2018 13:32

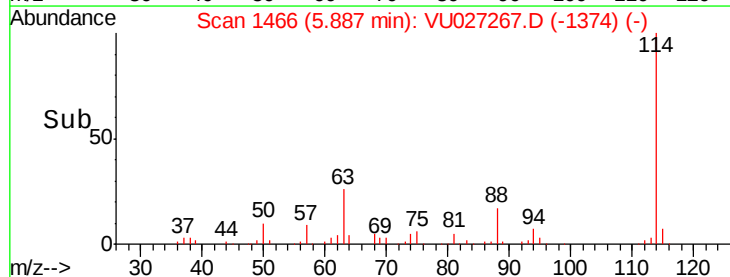
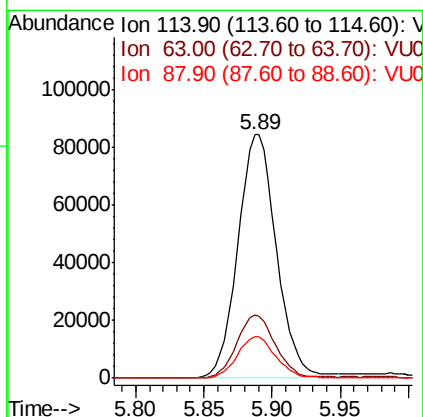
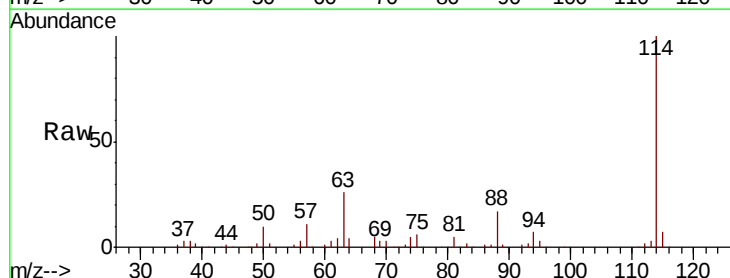
Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-JEB5-2

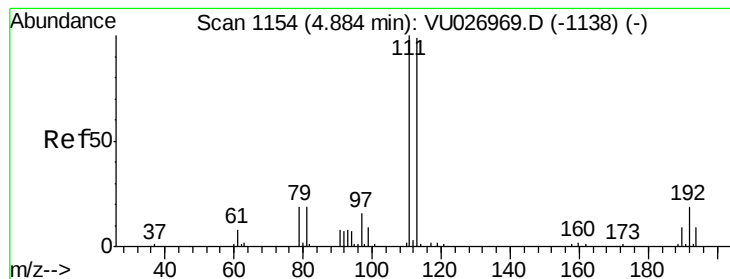
Tot Ion: 65 Resp: 97987
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027267.D
 Acq: 28 Sep 2018 13:32

Tgt Ion: 114 Resp: 166109
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 49.2
 88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.319 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

FA18-JEB5-2

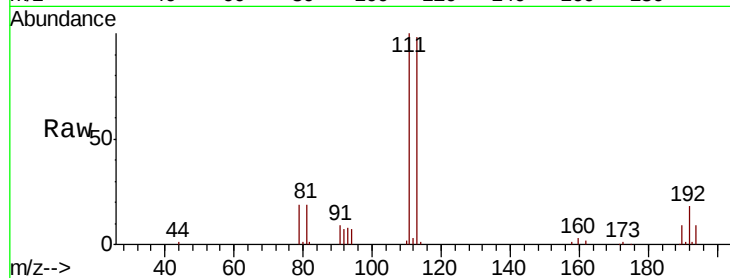
Tot Ion:113 Resp: 68131

Ion Ratio Lower Upper

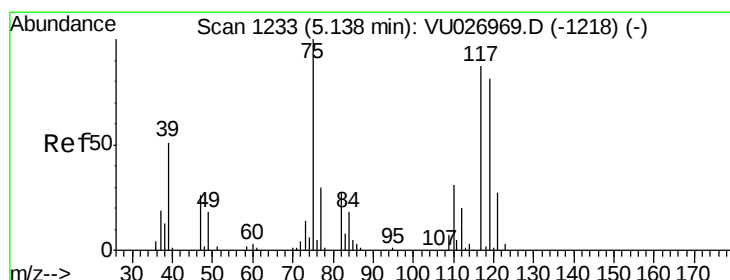
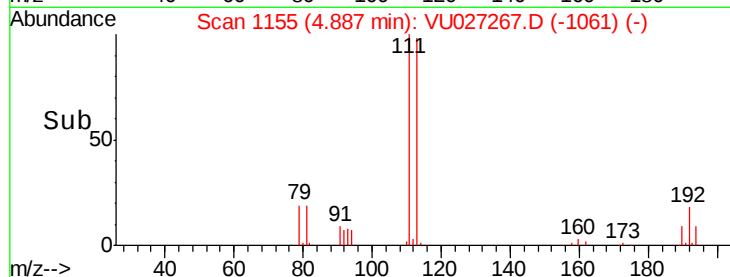
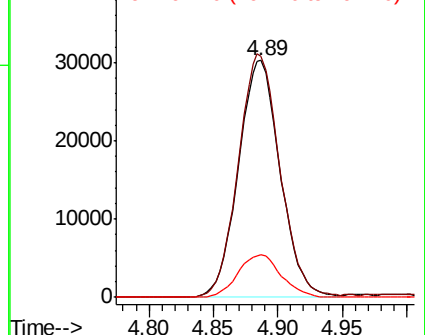
113 100

111 102.5 82.2 123.4

192 18.5 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.003 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

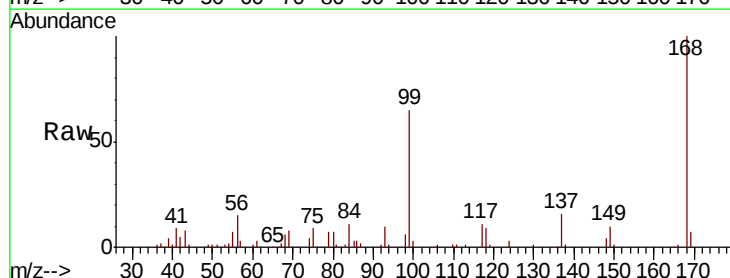
Tgt Ion: 75 Resp: 8874

Ion Ratio Lower Upper

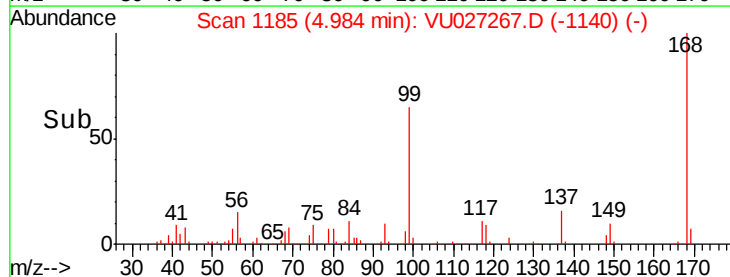
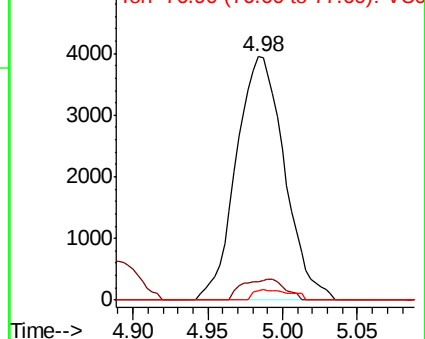
75 100

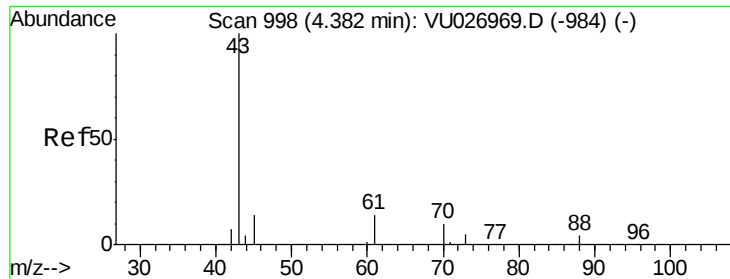
110 7.5 16.1 48.2#

77 3.3 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

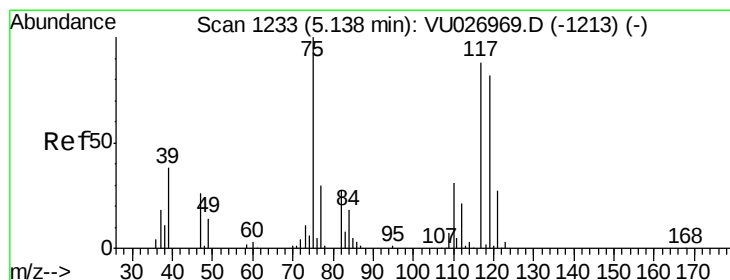
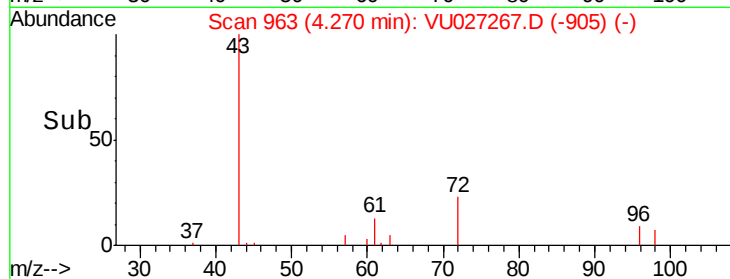
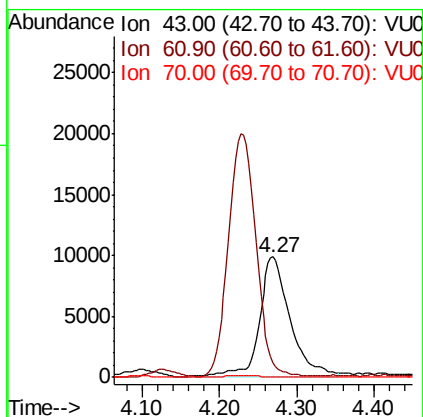
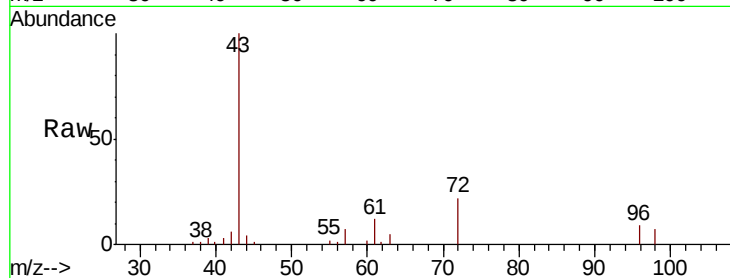




#37
Ethyl Acetate
Concen: 9.240 ug/l
RT: 4.27 min Scan# 963
Delta R.T. -0.11 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

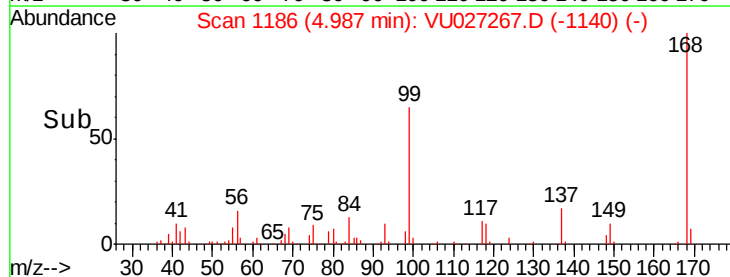
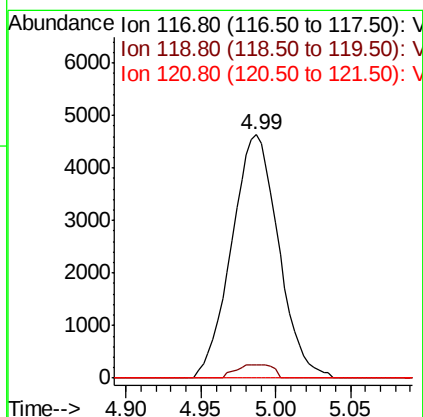
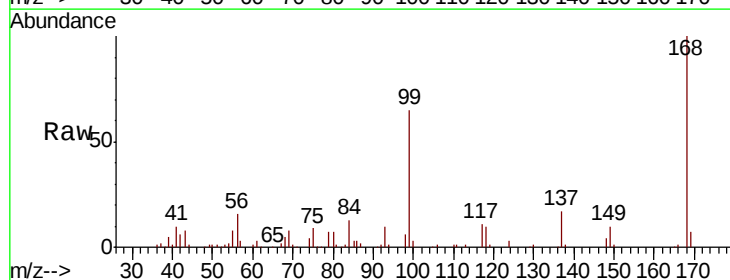
Instrument :
MSVOA_U
ClientSampled :
FA18-JEB5-2

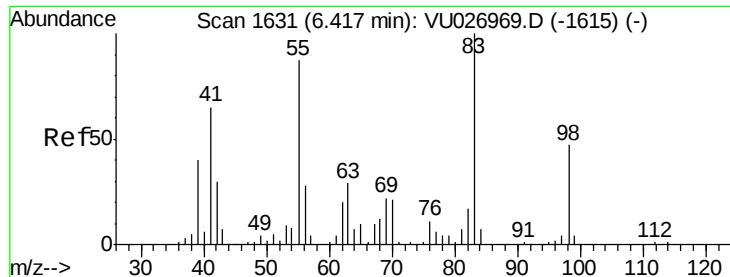
Tot Ion: 43 Resp: 27729
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.4 11.0#



#38
Carbon Tetrachloride
Concen: 4.800 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 117 Resp: 10126
Ion Ratio Lower Upper
117 100
119 5.2 74.4 111.6#
121 0.0 24.2 36.4#

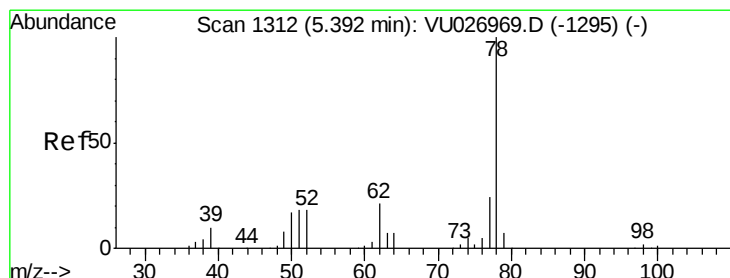
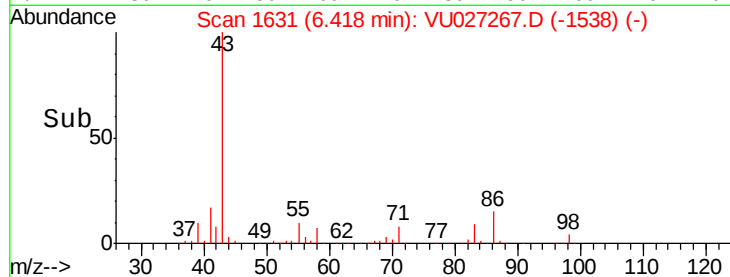
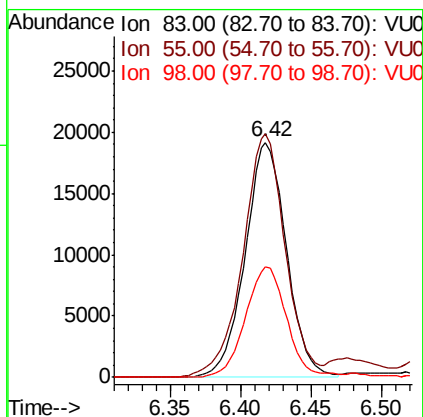
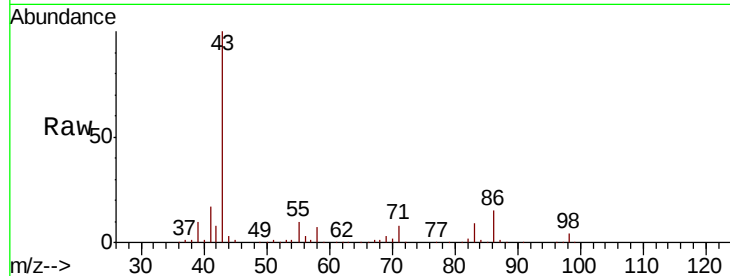




#39
Methvlcvclohexane
Concen: 16.382 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

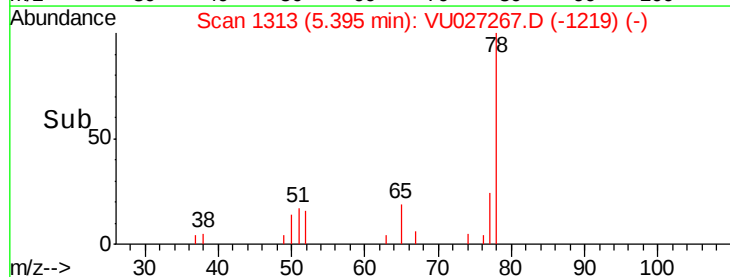
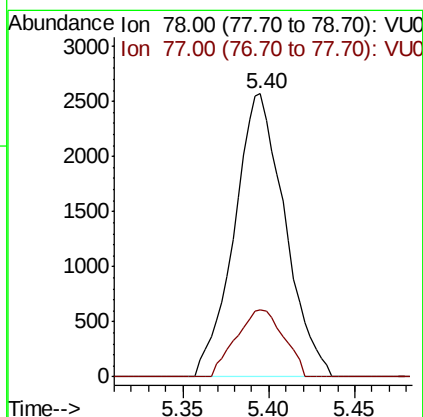
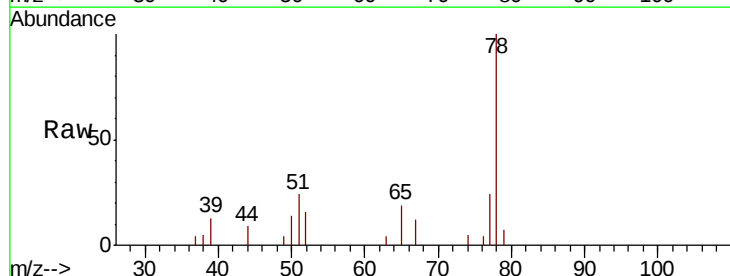
Instrument :
MSVOA_U
ClientSampleId :
FA18-JEB5-2

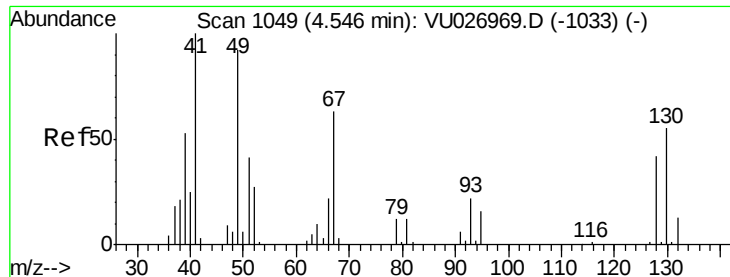
Tot Ion: 83 Resp: 39468
Ion Ratio Lower Upper
83 100
55 102.6 69.9 104.9
98 46.9 37.5 56.3



#40
Benzene
Concen: 0.779 ug/l
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 78 Resp: 5248
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

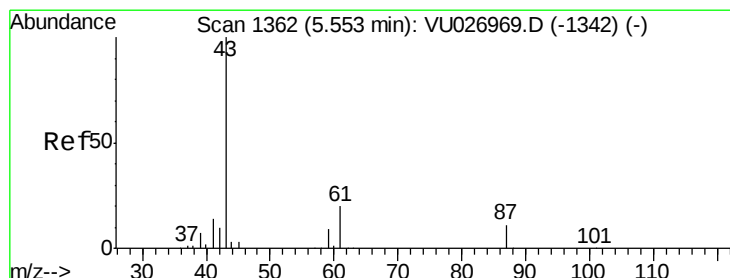
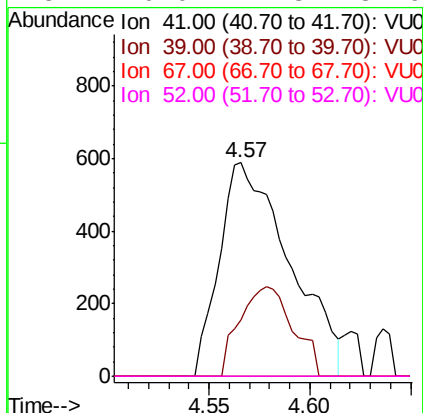
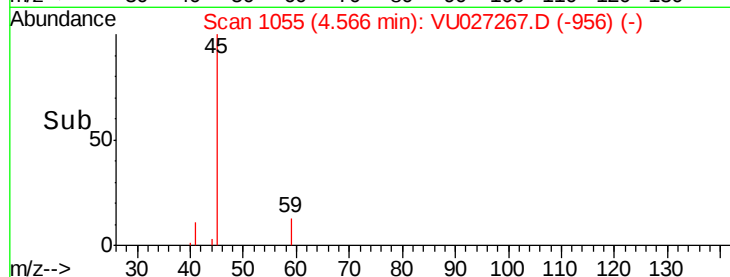
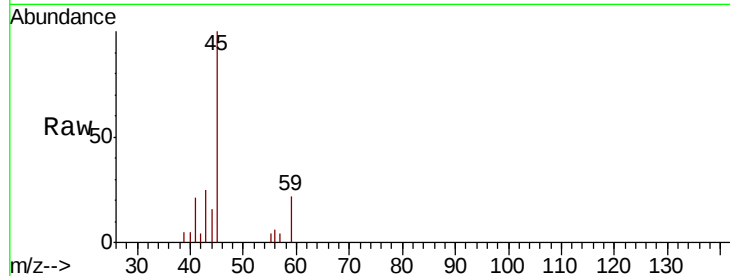




#41
Methacrylonitrile
Concen: 0.917 ug/l
RT: 4.57 min Scan# 1055
Delta R.T. 0.02 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

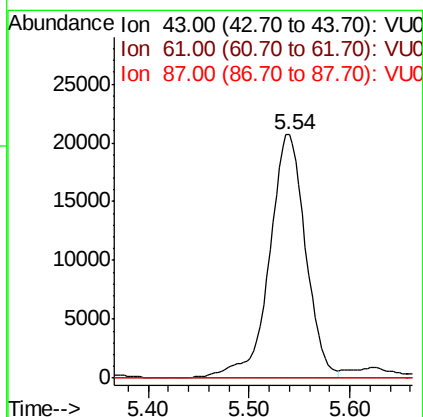
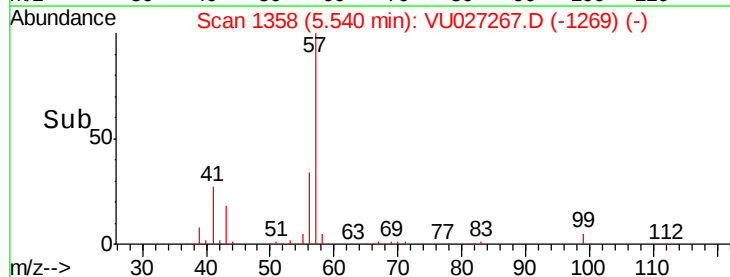
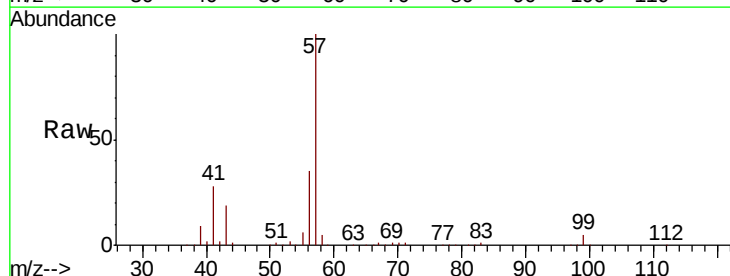
Instrument :
MSVOA_U
ClientSampleId :
FA18-JEB5-2

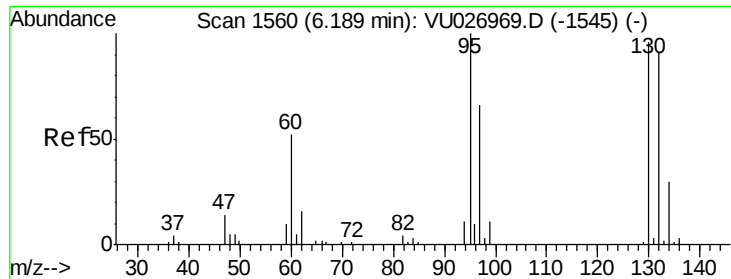
Tot Ion: 41 Resp: 1429
Ion Ratio Lower Upper
41 100
39 31.7 42.9 64.3#
67 0.0 52.4 78.6#
52 0.0 21.3 31.9#



#43
Isopropyl Acetate
Concen: 11.831 ug/l
RT: 5.54 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 43 Resp: 51783
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 9.0 13.4#





#44

Trichloroethene

Concen: 12.469 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

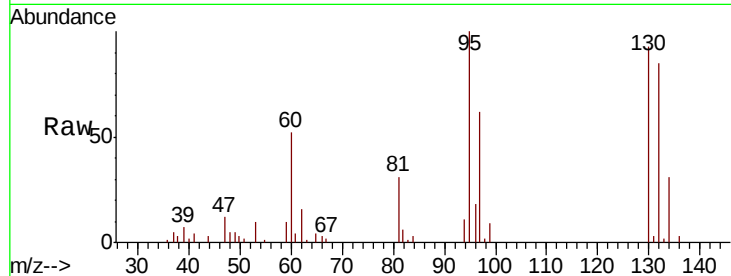
FA18-JEB5-2

Tot Ion:130 Resp: 17890

Ion Ratio Lower Upper

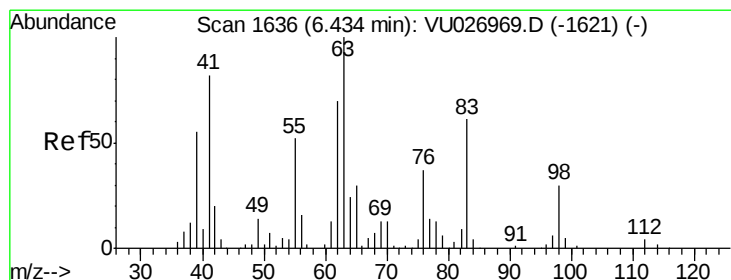
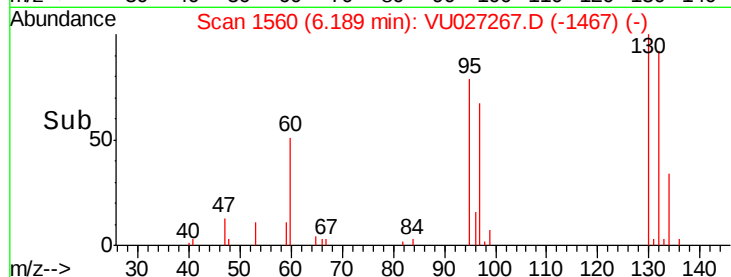
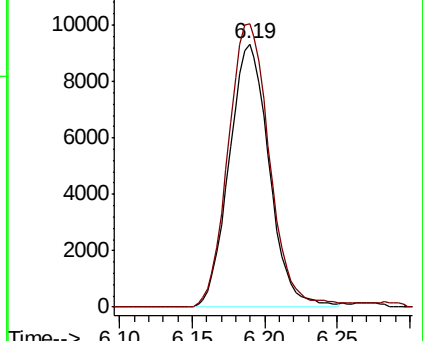
130 100

95 107.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)



#45

1,2-Dichloropropane

Concen: 0.372 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. -0.02 min

Lab File: VU027267.D

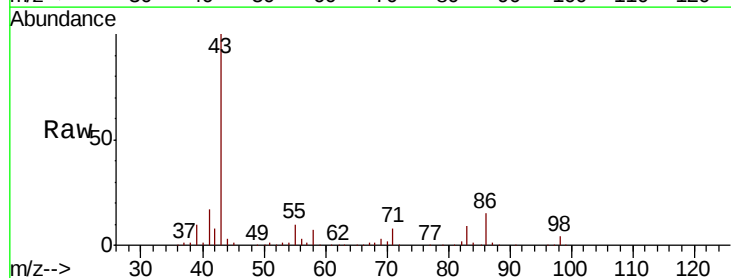
Acq: 28 Sep 2018 13:32

Tgt Ion: 63 Resp: 715

Ion Ratio Lower Upper

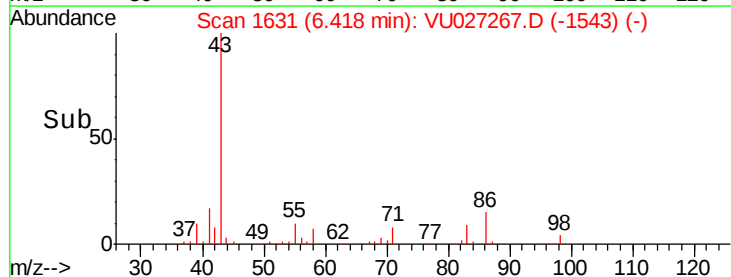
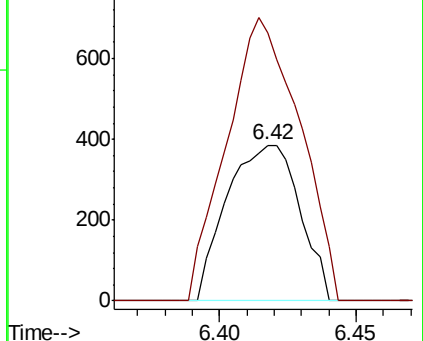
63 100

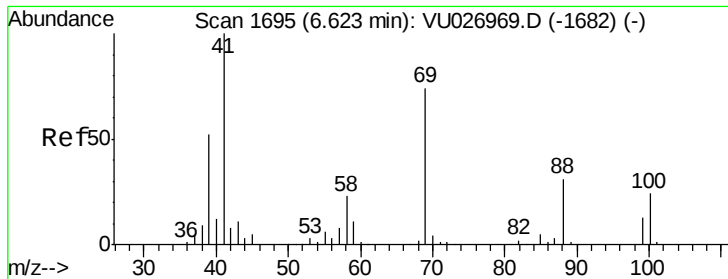
65 172.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1621) (-)

Ion 64.90 (64.60 to 65.60): VU026969.D (-1621) (-)

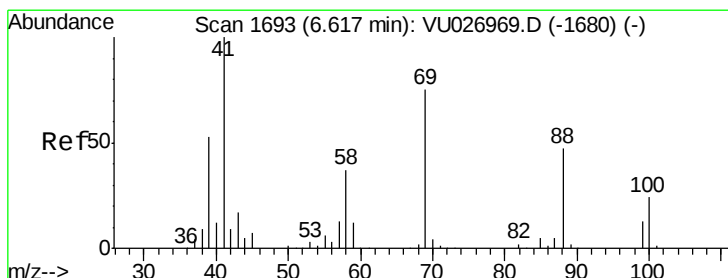
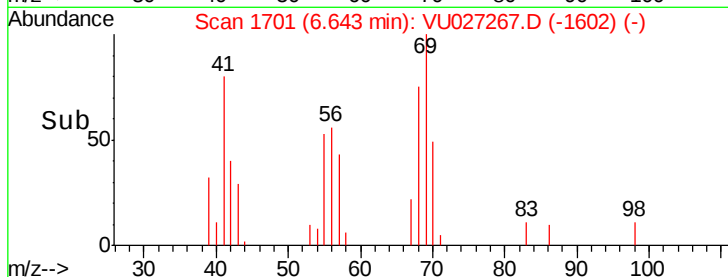
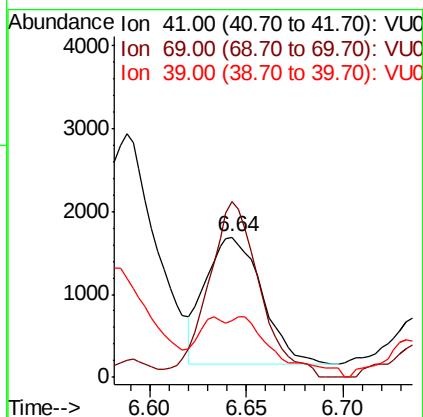
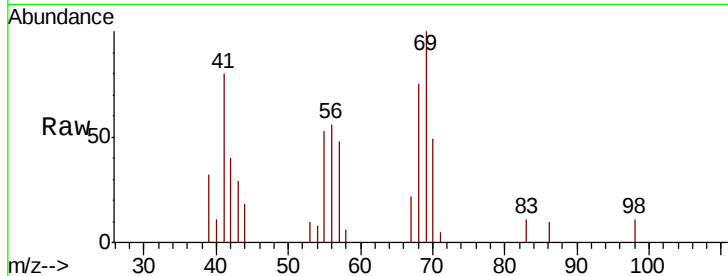




#48
Methyl methacrylate
Concen: 2.297 ug/l
RT: 6.64 min Scan# 1701
Delta R.T. 0.02 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

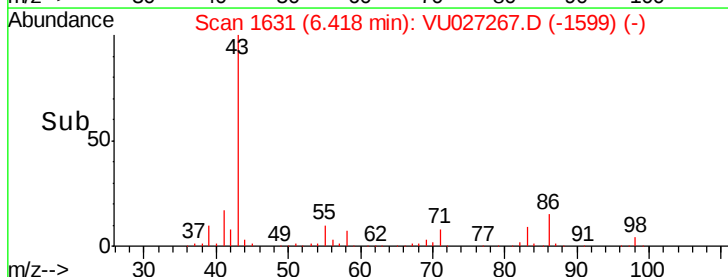
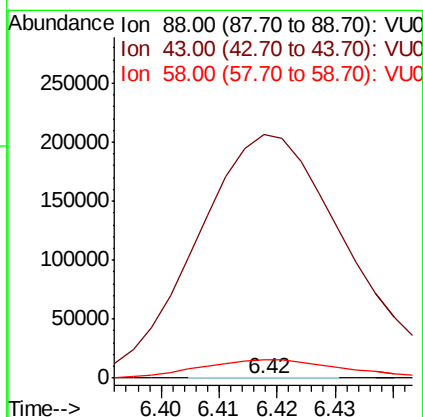
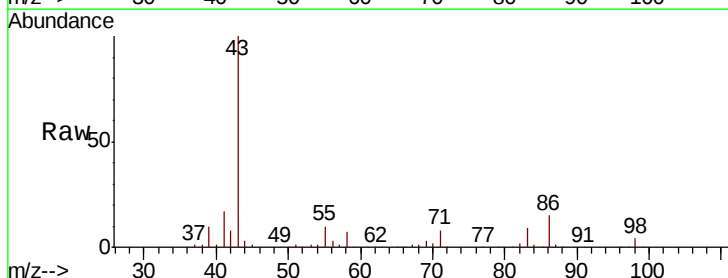
Instrument :
MSVOA_U
ClientSampleId :
FA18-JEB5-2

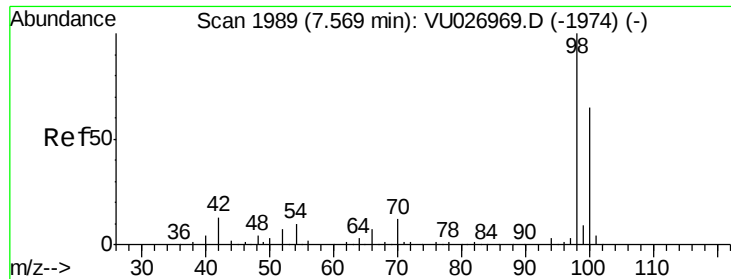
Tot Ion: 41 Resp: 3125
Ion Ratio Lower Upper
41 100
69 125.3 60.6 90.8#
39 0.0 42.8 64.2#



#49
1,4-Dioxane
Concen: 0.471 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.20 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
43 369622.1 29.8 44.8#
58 27353.8 63.9 95.9#

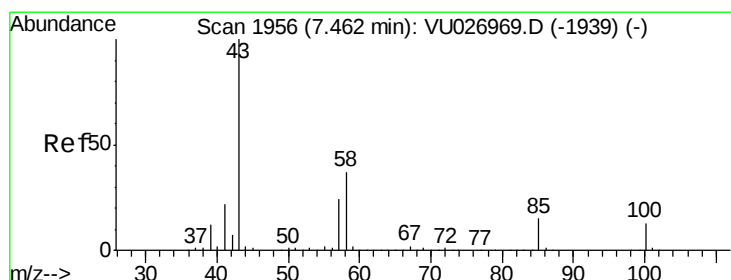
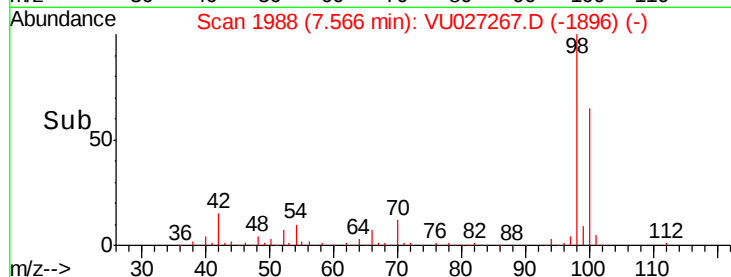
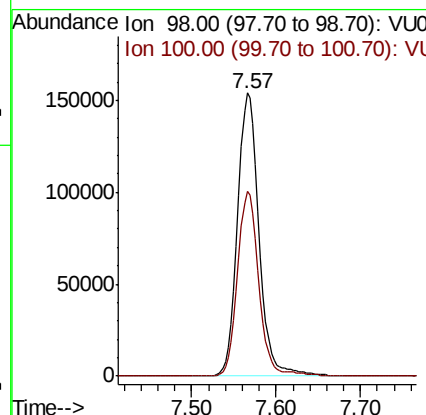
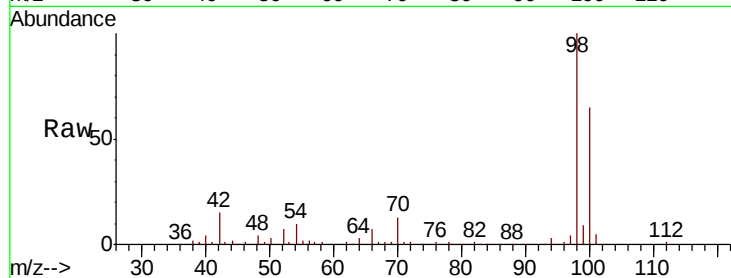




#50
Toluene-d8
Concen: 50.014 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

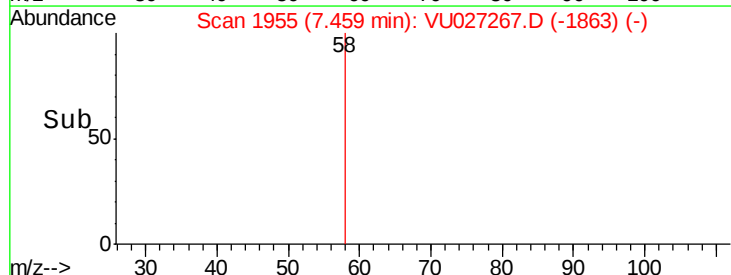
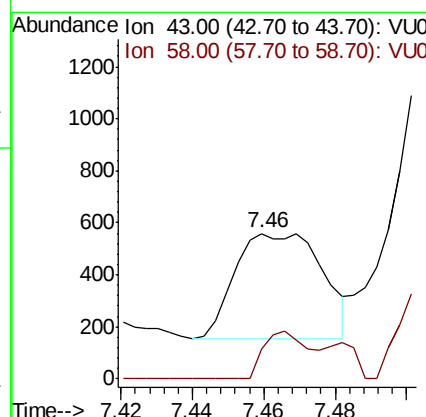
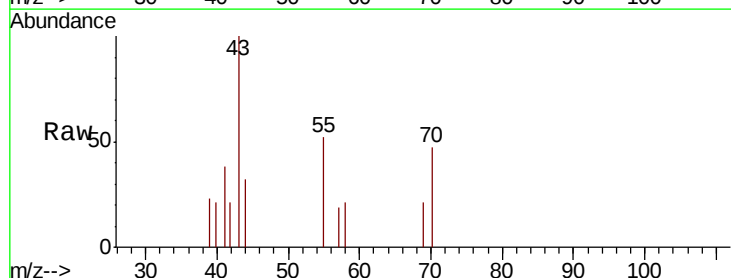
Instrument :
MSVOA_U
ClientSampleId :
FA18-JEB5-2

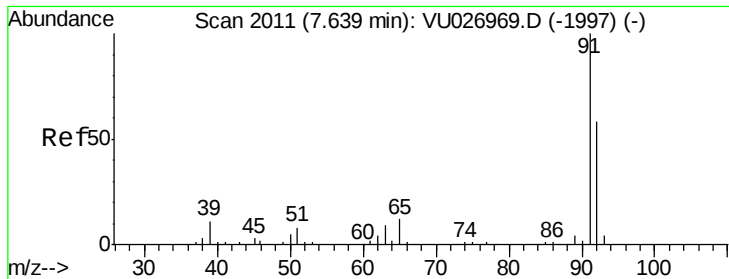
Tot Ion: 98 Resp: 274442
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.231 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 24.0 29.8 44.6#





#52

Toluene

Concen: 3.341 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

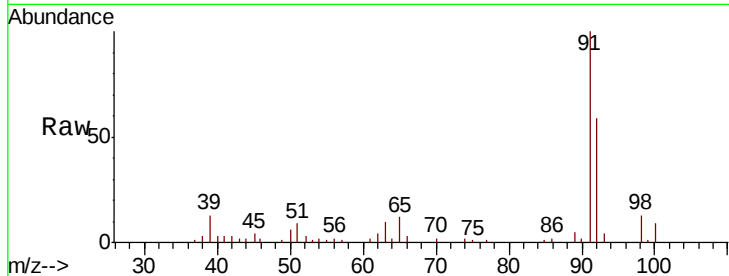
FA18-JEB5-2

Tot Ion: 92 Resp: 12905

Ion Ratio Lower Upper

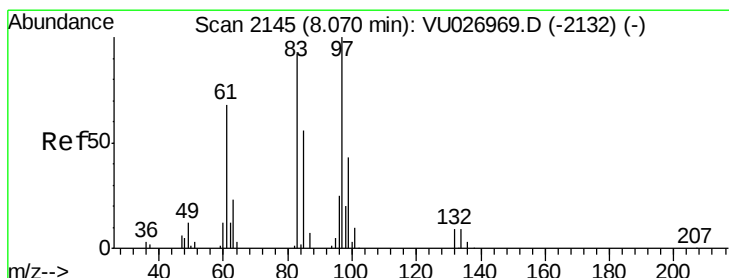
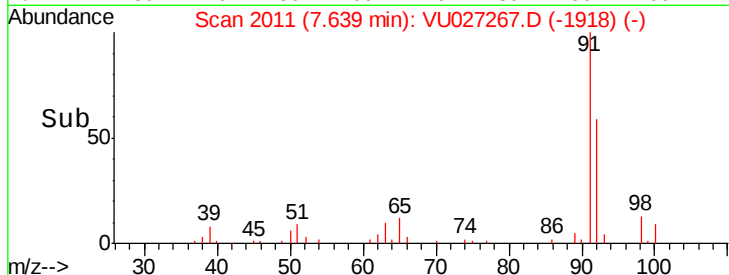
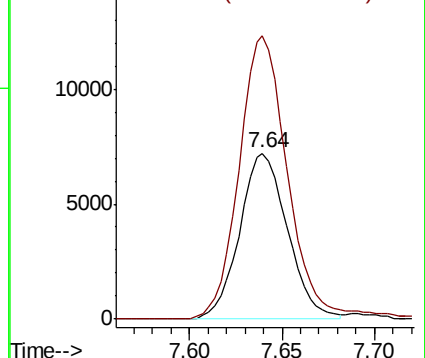
92 100

91 175.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)



#55

1,1,2-Trichloroethane

Concen: 2.714 ug/l

RT: 8.05 min Scan# 2139

Delta R.T. -0.02 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Tgt Ion: 97 Resp: 4443

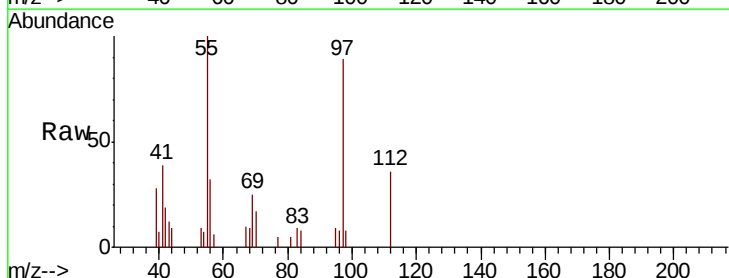
Ion Ratio Lower Upper

97 100

83 9.7 73.1 109.7#

85 0.0 46.7 70.1#

99 0.0 50.0 75.0#

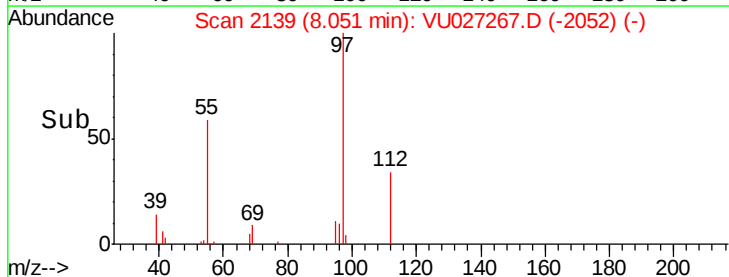
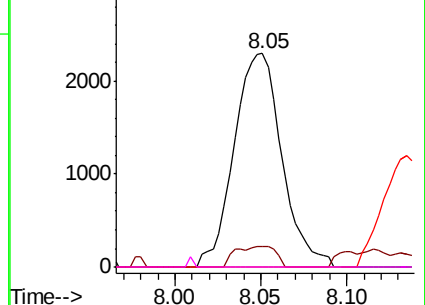


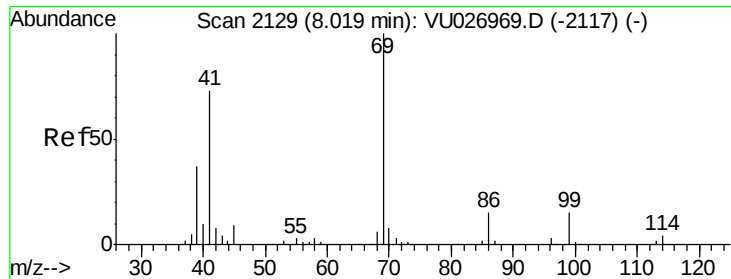
Abundance Ion 96.90 (96.60 to 97.60): VU026969.D (-2132) (-)

Ion 82.90 (82.60 to 83.60): VU026969.D (-2132) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2132) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-2132) (-)





#56

Ethyl methacrylate

Concen: 2.620 ug/l

RT: 8.05 min Scan# 2138

Delta R.T. 0.03 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

FA18-JEB5-2

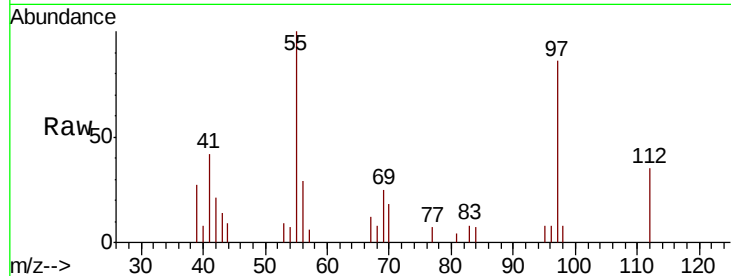
Tot Ion: 69 Resp: 1268

Ion Ratio Lower Upper

69 100

41 129.3 59.0 88.4#

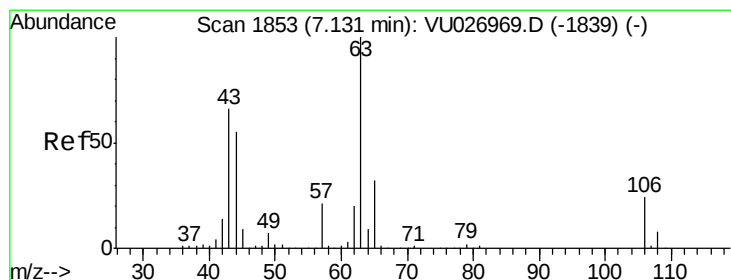
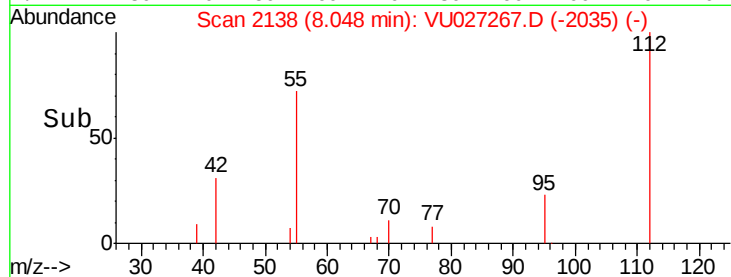
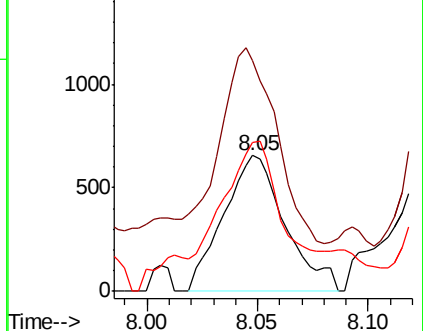
39 85.0 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 4.874 ug/l

RT: 7.06 min Scan# 1831

Delta R.T. -0.07 min

Lab File: VU027267.D

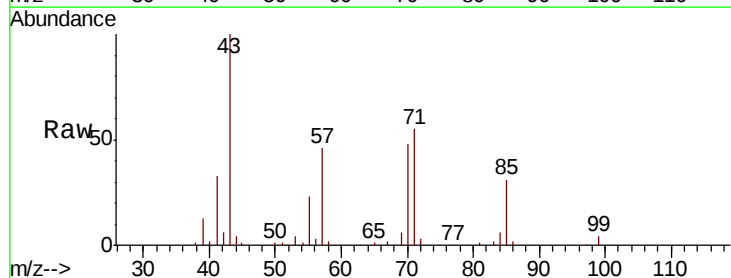
Acq: 28 Sep 2018 13:32

Tgt Ion: 63 Resp: 20

Ion Ratio Lower Upper

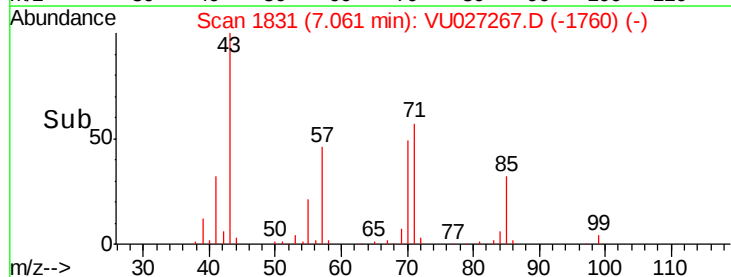
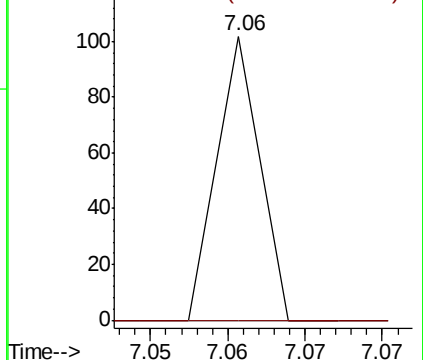
63 100

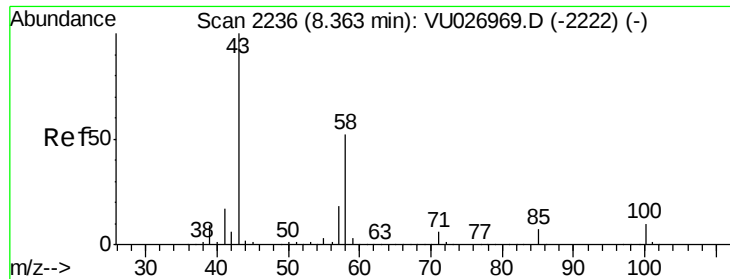
106 0.0 18.7 28.1#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

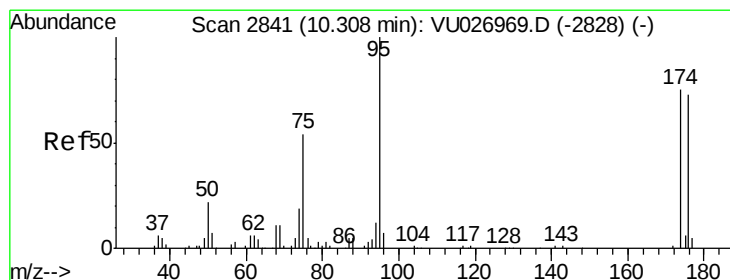
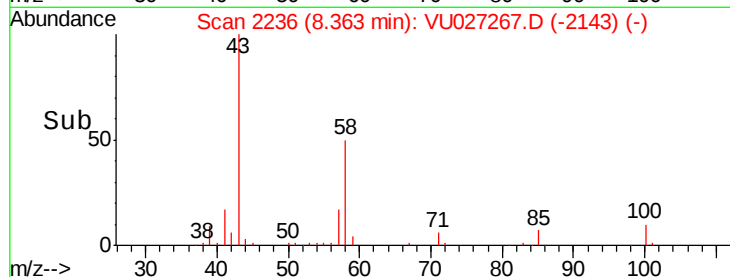
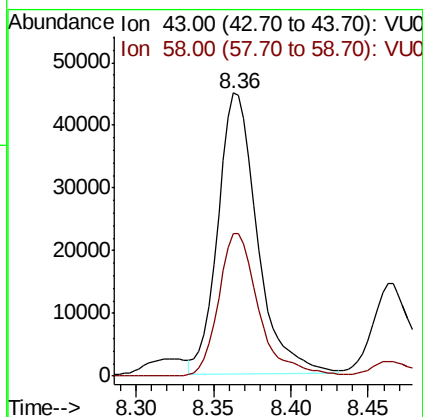
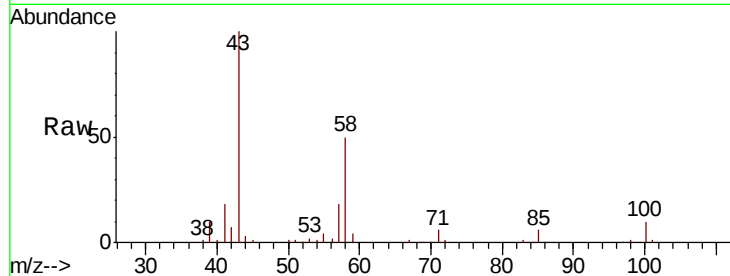




#59
2-Hexanone
Concen: 34.512 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

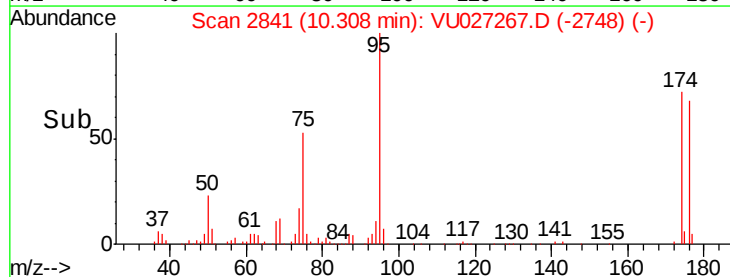
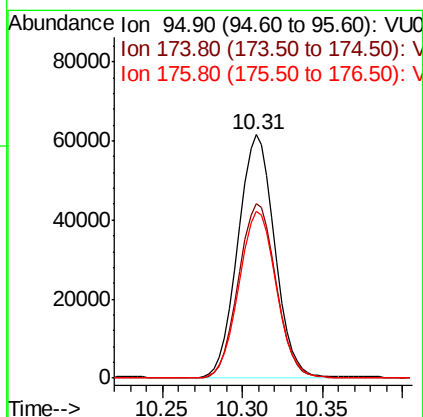
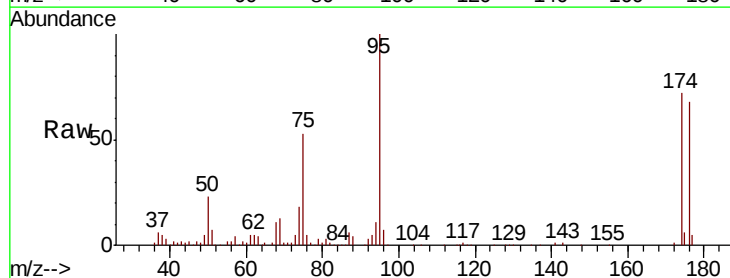
Instrument :
MSVOA_U
ClientSampled :
FA18-JEB5-2

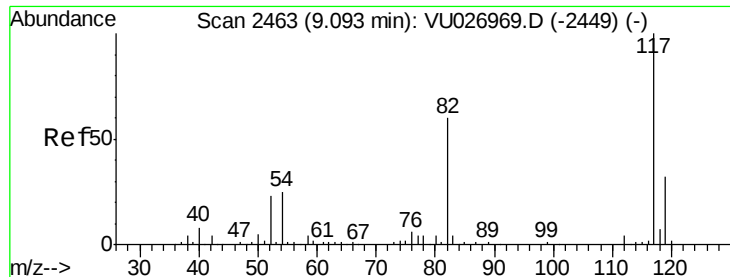
Tot Ion: 43 Resp: 79524
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.2



#62
4-Bromofluorobenzene
Concen: 51.342 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 95 Resp: 96670
Ion Ratio Lower Upper
95 100
174 73.2 0.0 150.2
176 69.7 0.0 145.2

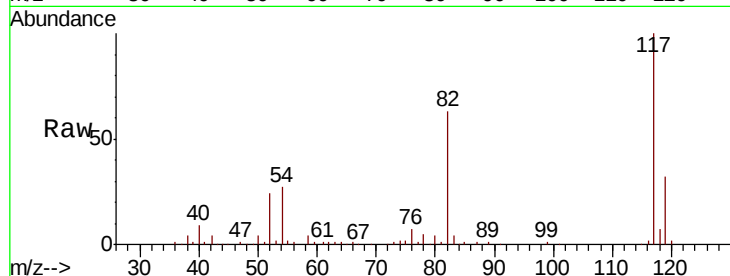




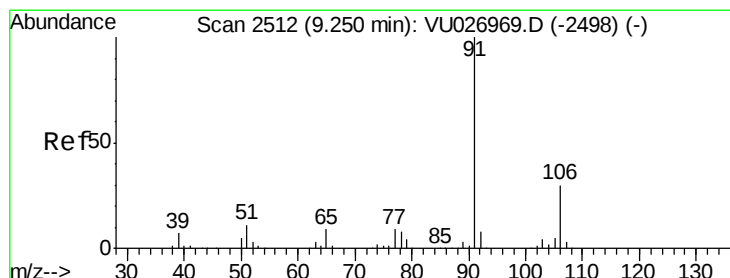
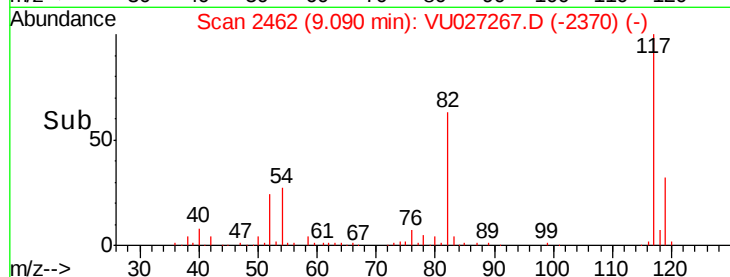
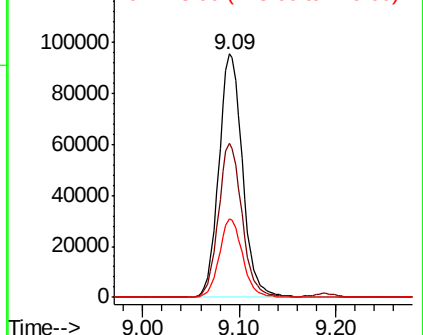
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Instrument :
MSVOA_U
ClientSampleId :
FA18-JEB5-2

Tot Ion:117 Resp: 162081
Ion Ratio Lower Upper
117 100
82 63.3 48.0 72.0
119 32.0 25.8 38.8

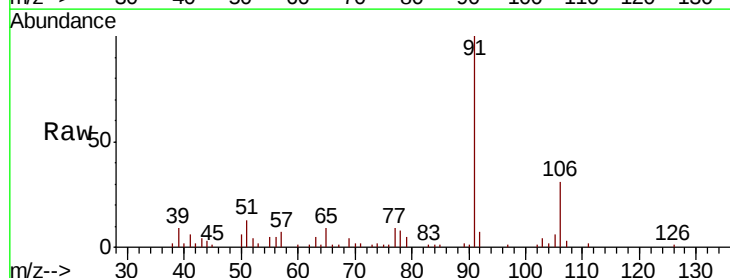


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

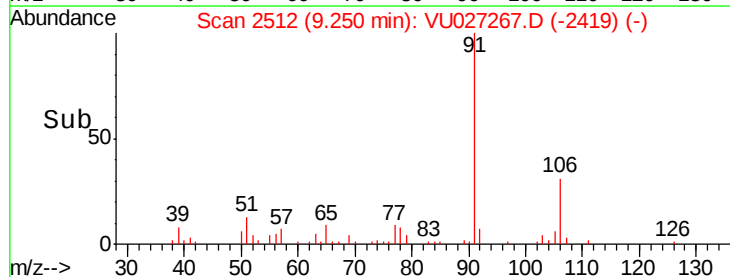
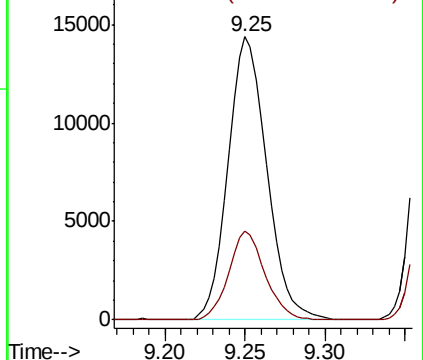


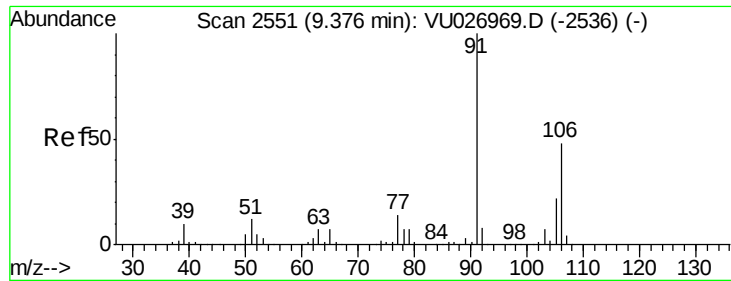
#67
Ethyl Benzene
Concen: 3.353 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion: 91 Resp: 23696
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V

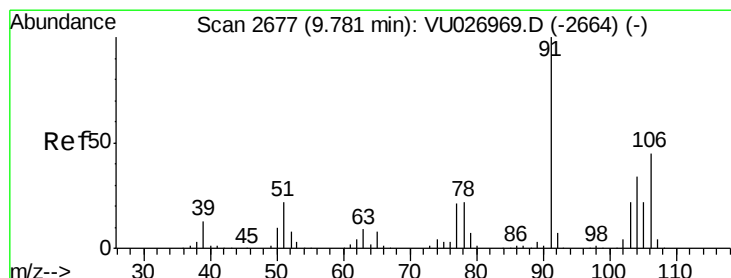
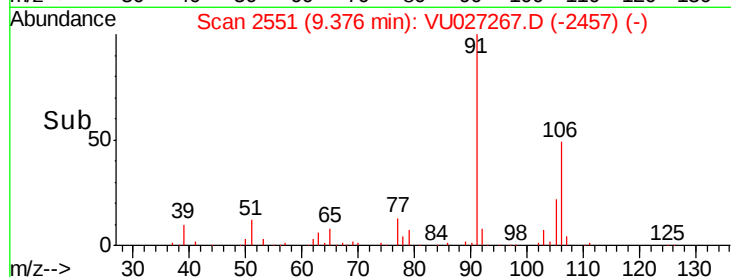
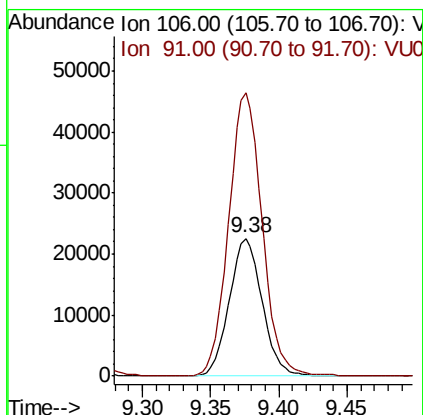
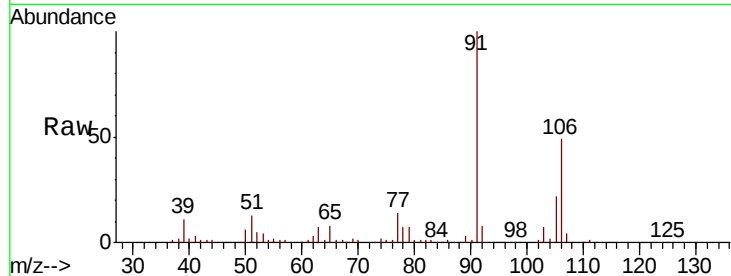




#68
m/p-Xylenes
Concen: 14.517 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

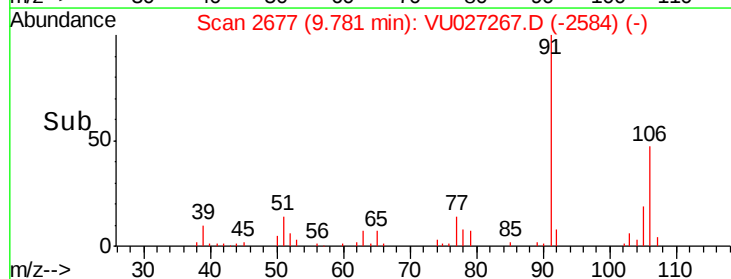
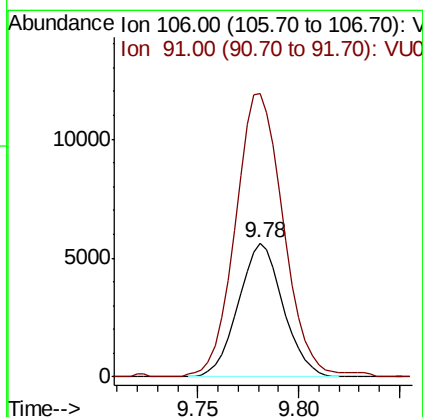
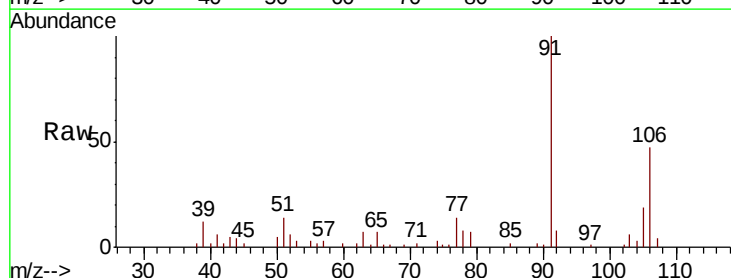
Instrument :
MSVOA_U
ClientSampleId :
FA18-JEB5-2

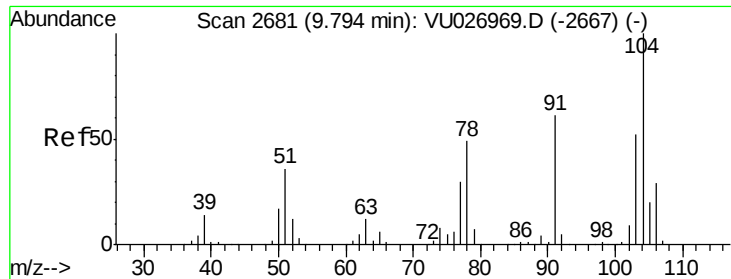
Tot Ion:106 Resp: 37819
Ion Ratio Lower Upper
106 100
91 209.5 166.5 249.7



#69
o-Xylene
Concen: 3.491 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion:106 Resp: 8740
Ion Ratio Lower Upper
106 100
91 228.1 110.2 330.6





#70

Stvrene

Concen: 1.910 ug/l

RT: 9.78 min Scan# 2678

Delta R.T. -0.01 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampled :

FA18-JEB5-2

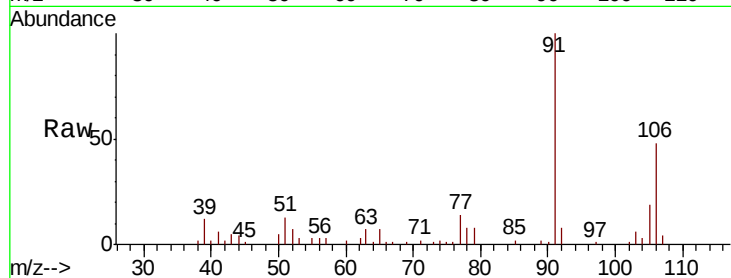
Tot Ion:104 Resp: 486

Ion Ratio Lower Upper

104 100

78 317.3 43.0 64.4#

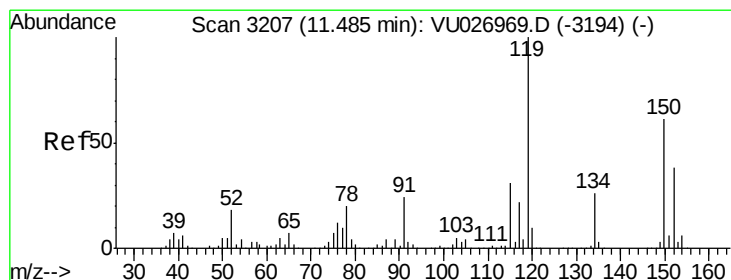
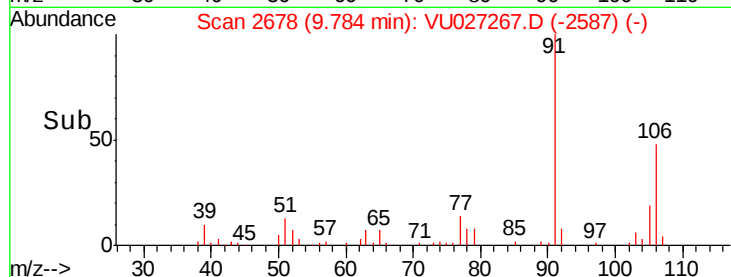
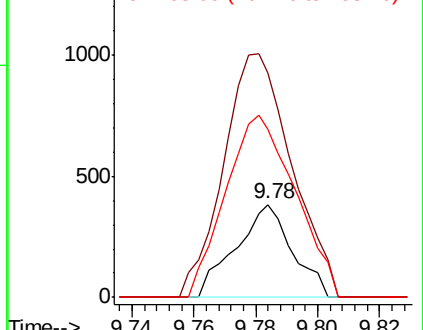
103 241.4 44.1 66.1#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

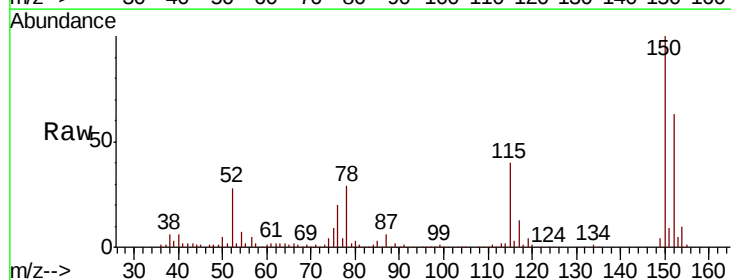
Tgt Ion:152 Resp: 85255

Ion Ratio Lower Upper

152 100

115 63.2 44.9 134.5

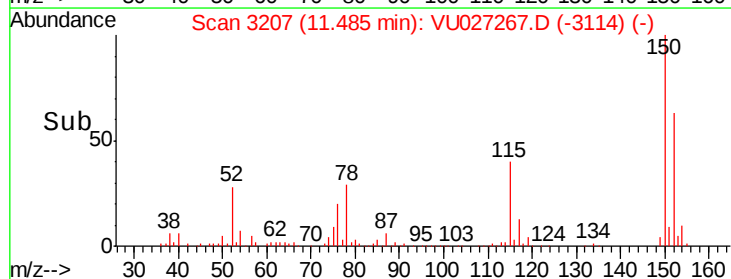
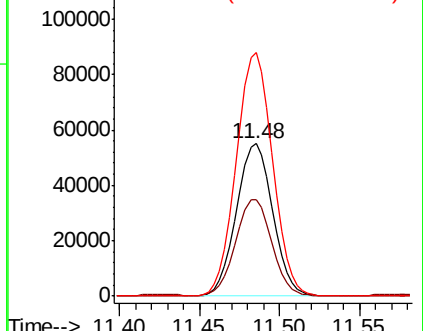
150 159.5 0.0 355.8

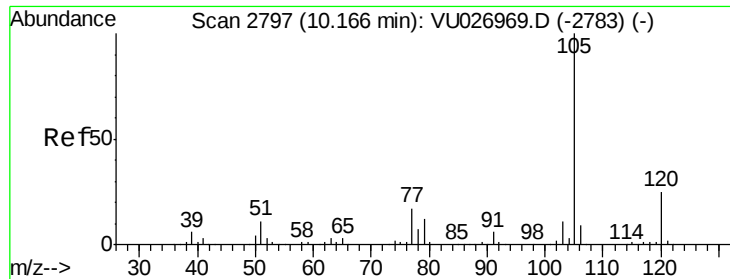


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.963 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

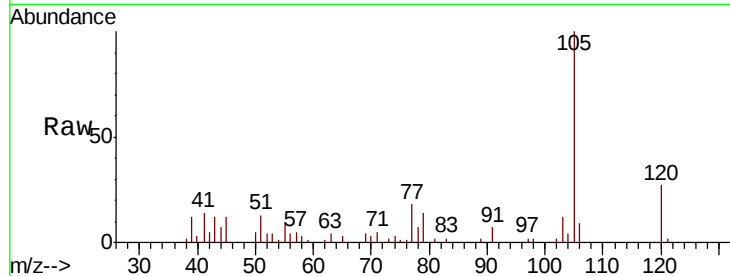
FA18-JEB5-2

Tot Ion:105 Resp: 12733

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

8000

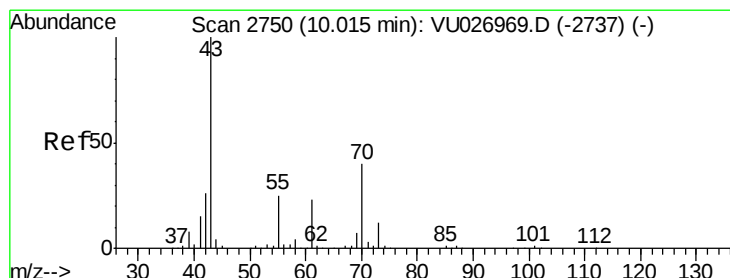
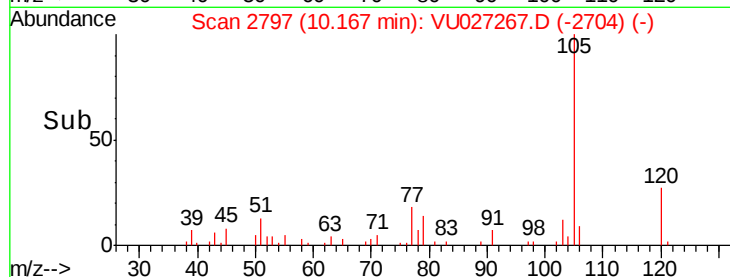
6000

4000

2000

0

Time--> 10.10 10.15 10.20



#74

N-ethyl acetate

Concen: 20.864 ug/l

RT: 10.05 min Scan# 2760

Delta R.T. 0.03 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Tgt Ion: 43 Resp: 78322

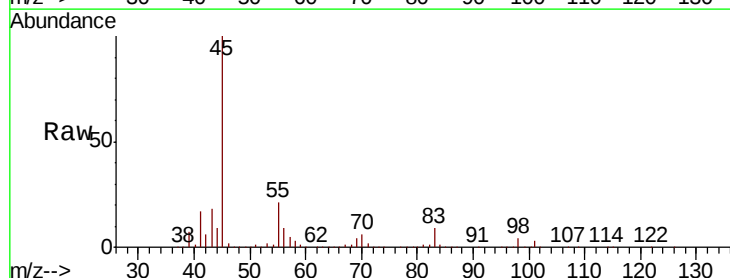
Ion Ratio Lower Upper

43 100

70 35.7 31.8 47.8

55 113.0 19.9 29.9#

61 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

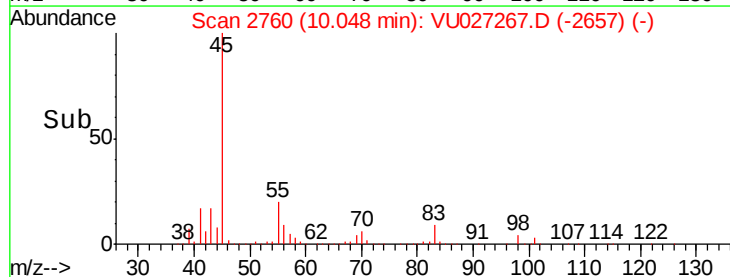
Ion 61.00 (60.70 to 61.70): VU0

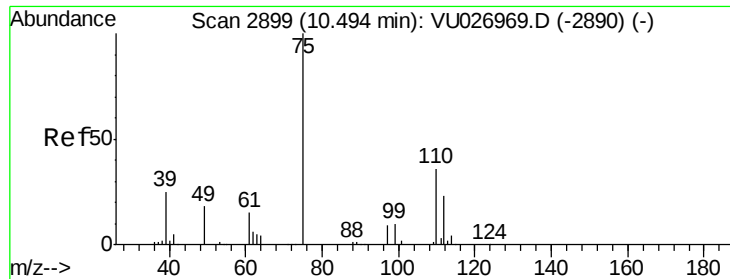
100000

50000

0

Time--> 10.00 10.10

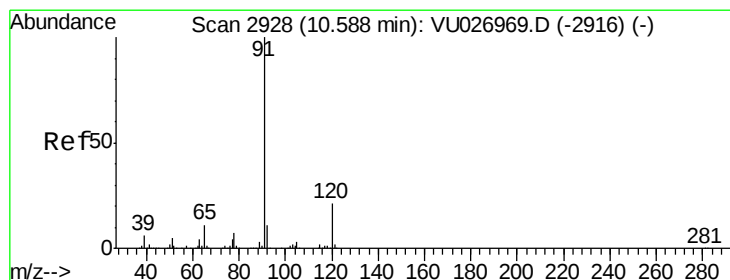
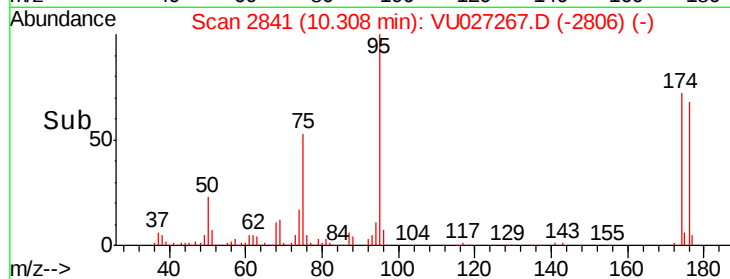
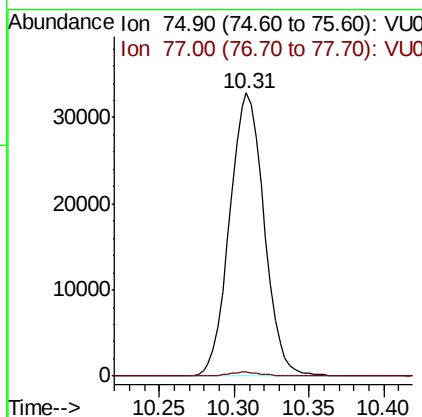
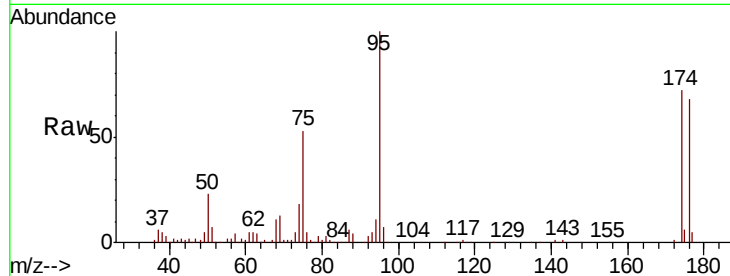




#76
 1,2,3-Trichloropropane
 Concen: 20.343 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027267.D
 Acq: 28 Sep 2018 13:32

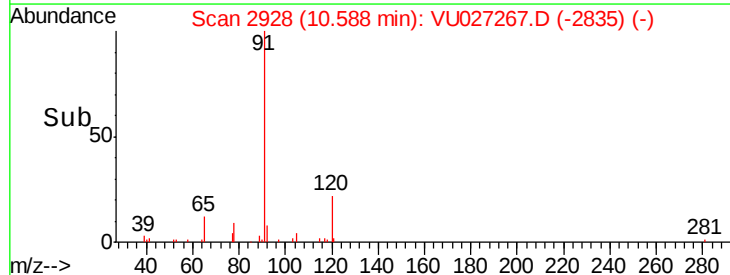
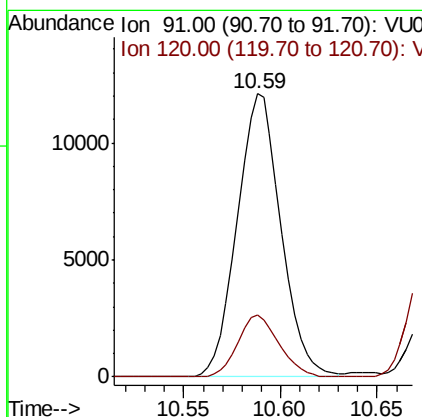
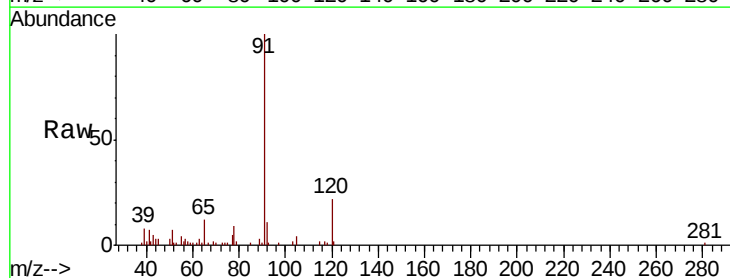
Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-JEB5-2

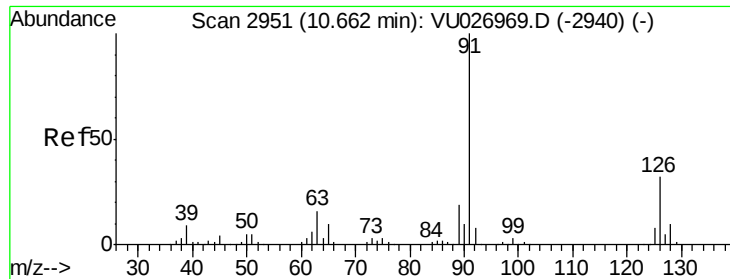
Tot Ion: 75 Resp: 52689
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.8#



#78
 n-propylbenzene
 Concen: 2.479 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VU027267.D
 Acq: 28 Sep 2018 13:32

Tgt Ion: 91 Resp: 19023
 Ion Ratio Lower Upper
 91 100
 120 20.5 10.6 31.8





#79

2-Chlorotoluene

Concen: 1.785 ug/l

RT: 10.68 min Scan# 2958

Delta R.T. 0.02 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

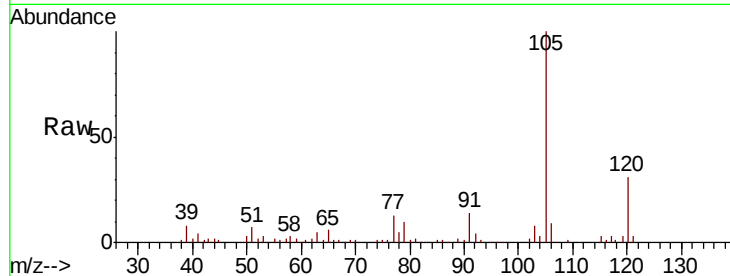
FA18-JEB5-2

Tot Ion: 91 Resp: 8606

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU026969.D (-2940) (-)

10.68

4000

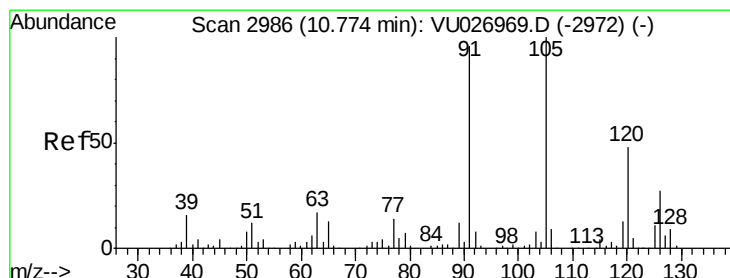
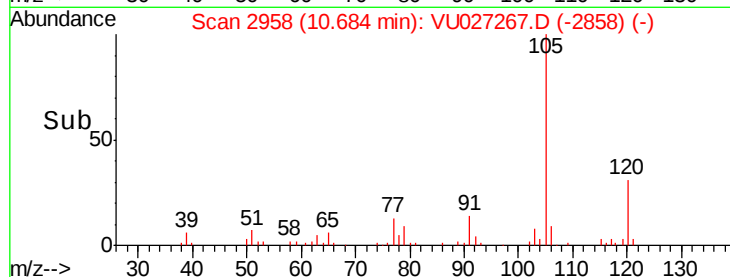
3000

2000

1000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 7.989 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027267.D

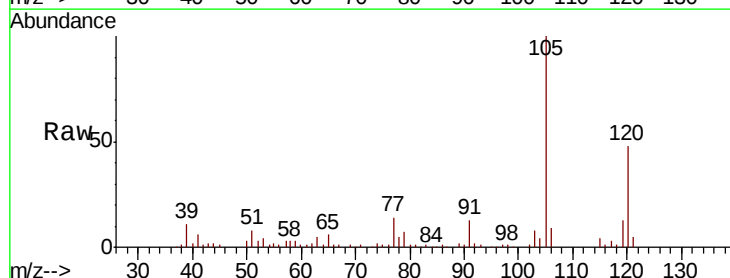
Acq: 28 Sep 2018 13:32

Tgt Ion:105 Resp: 42770

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU026969.D (-2972) (-)

10.77

30000

25000

20000

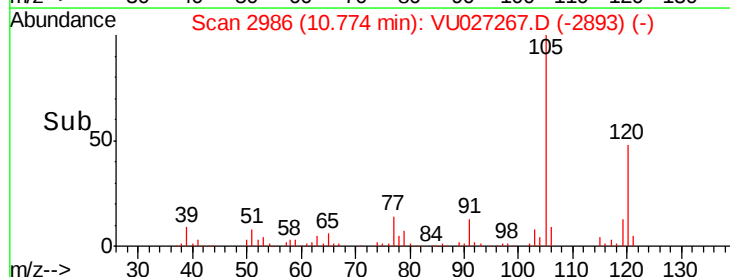
15000

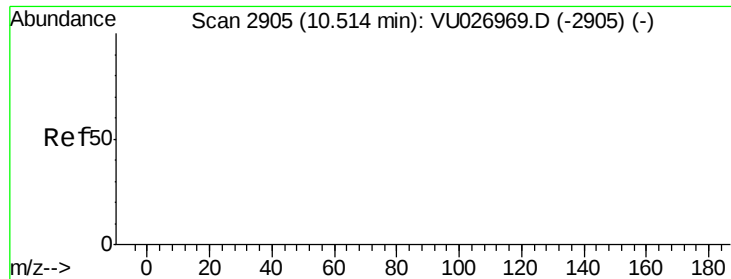
10000

5000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 65.101 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027267.D

Acq: 28 Sep 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

FA18-JEB5-2

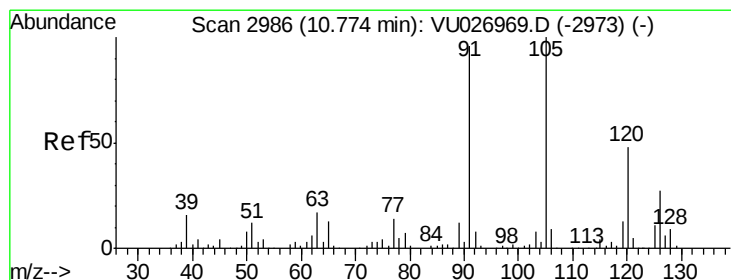
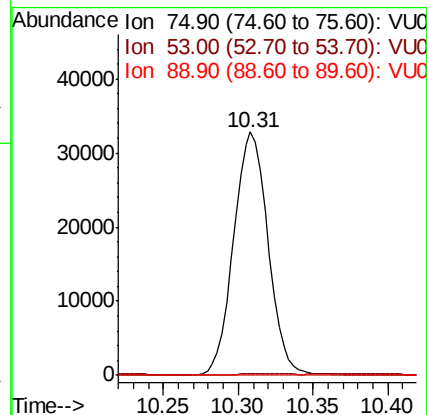
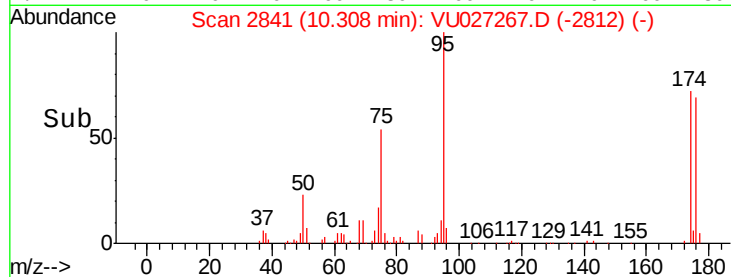
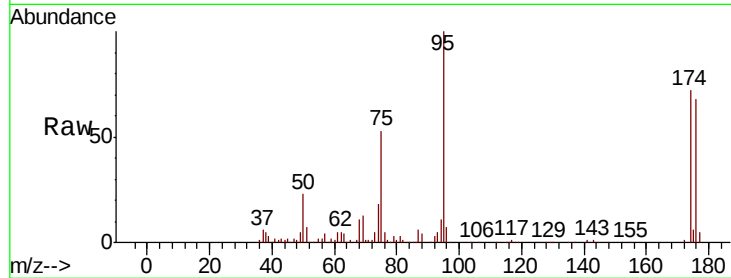
Tot Ion: 75 Resp: 52689

Ion Ratio Lower Upper

75 100

53 1.0 0.0 0.0#

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 0.990 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027267.D

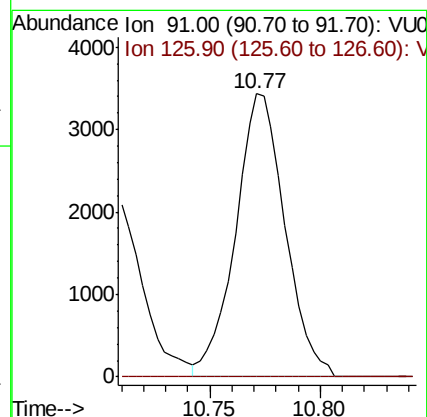
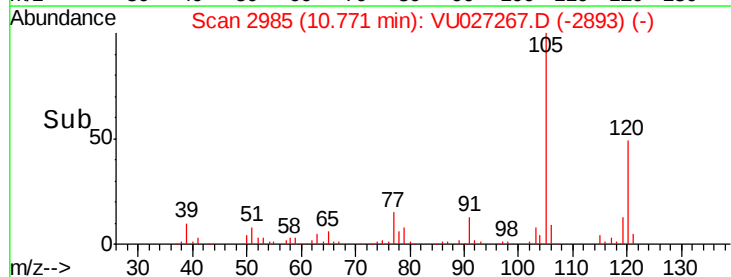
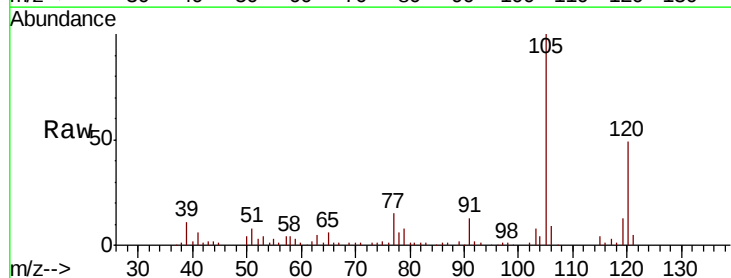
Acq: 28 Sep 2018 13:32

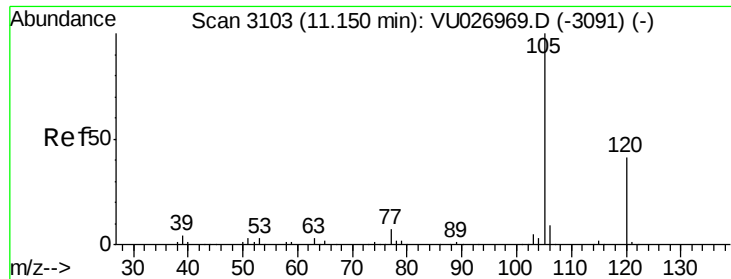
Tgt Ion: 91 Resp: 5349

Ion Ratio Lower Upper

91 100

126 0.0 14.1 42.2#

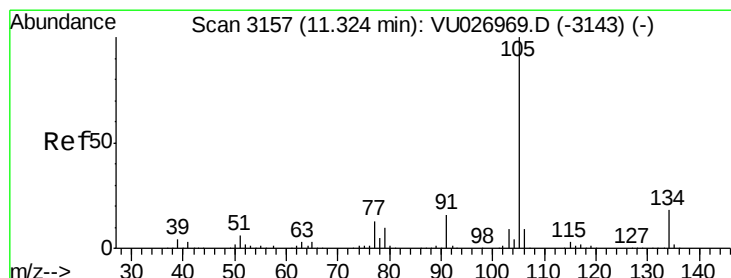
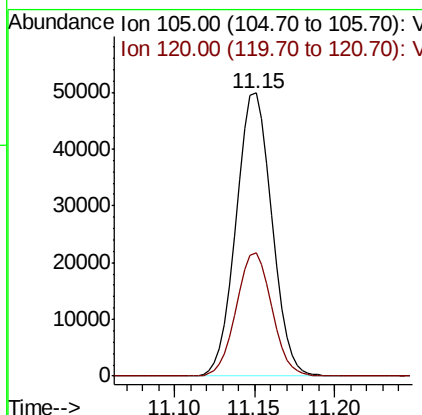
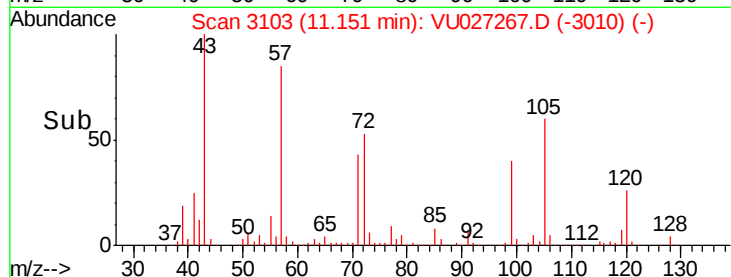
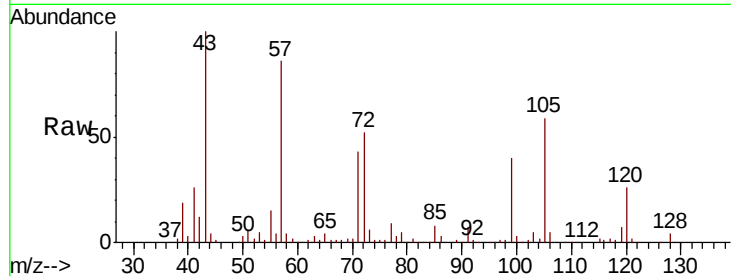




#84
 1,2,4-Trimethylbenzene
 Concen: 13.914 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027267.D
 Acq: 28 Sep 2018 13:32

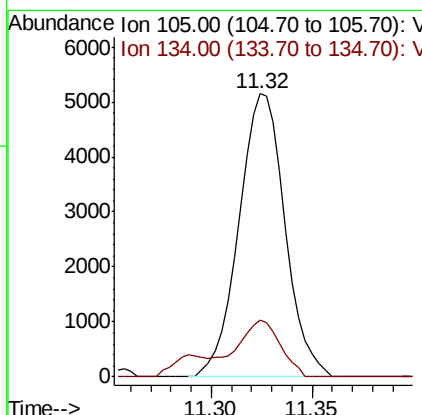
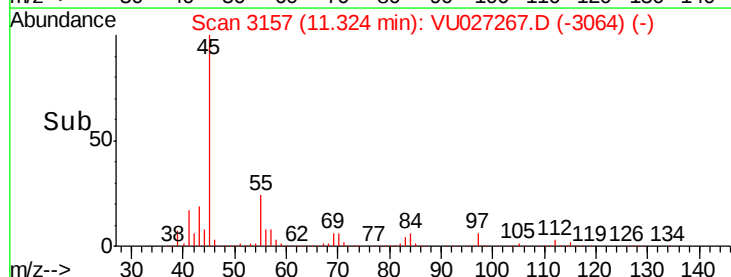
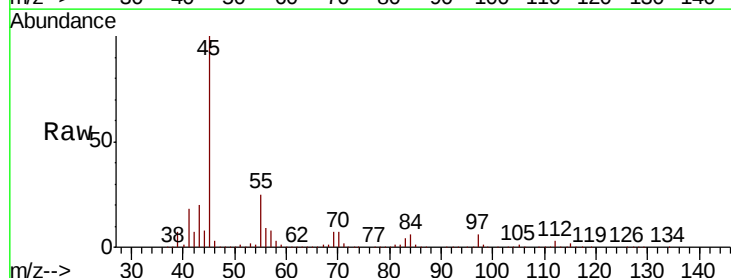
Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-JEB5-2

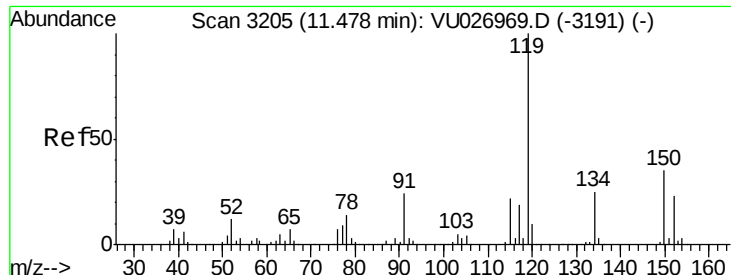
Tot Ion:105 Resp: 75806
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.4 67.2



#85
 sec-Butylbenzene
 Concen: 1.275 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027267.D
 Acq: 28 Sep 2018 13:32

Tgt Ion:105 Resp: 8238
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.2

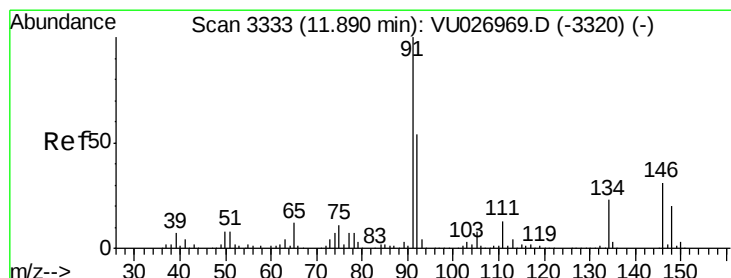
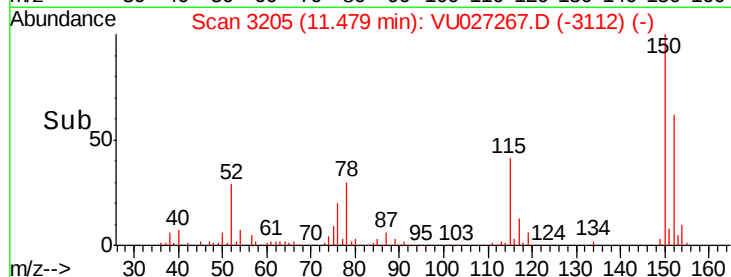
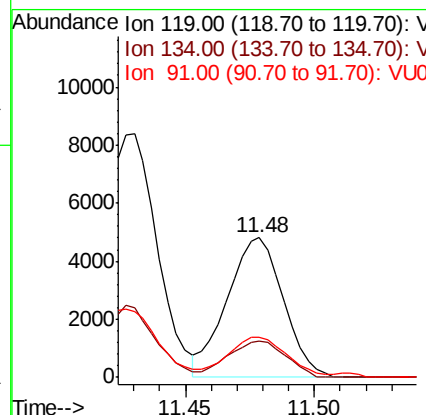
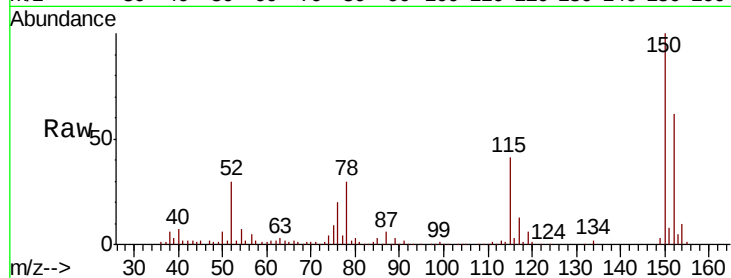




#86
 p-Isopropyltoluene
 Concen: 2.109 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027267.D
 Acq: 28 Sep 2018 13:32

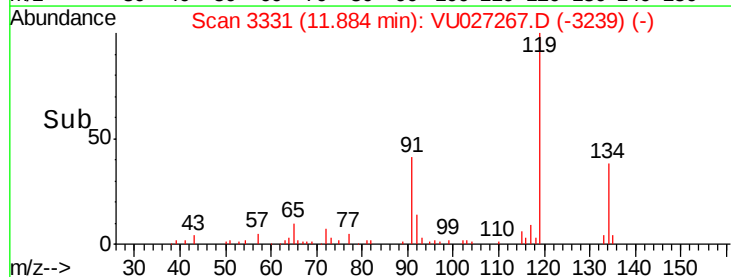
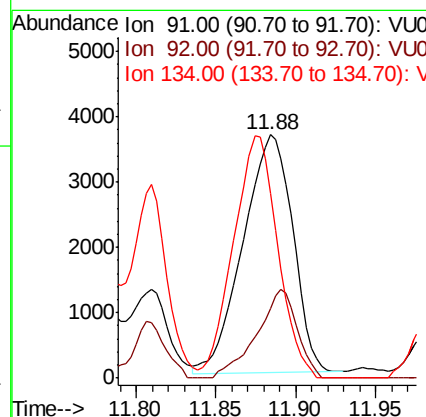
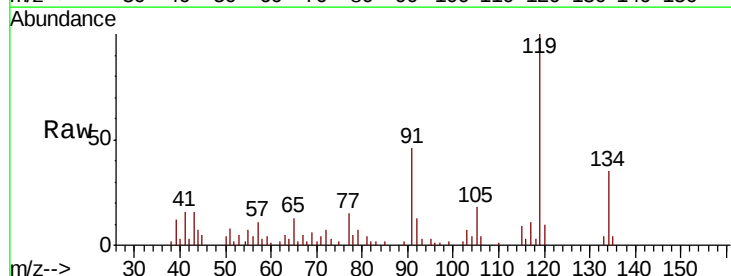
Instrument :
 MSVOA_U
 ClientSampleID :
 FA18-JEB5-2

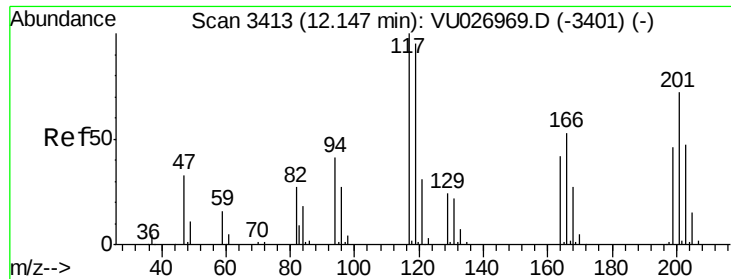
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.8	38.3
91	26.3	12.3	36.8



#89
 n-Butylbenzene
 Concen: 3.652 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. -0.01 min
 Lab File: VU027267.D
 Acq: 28 Sep 2018 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	30.5	27.1	81.2
134	90.1	11.7	35.0#

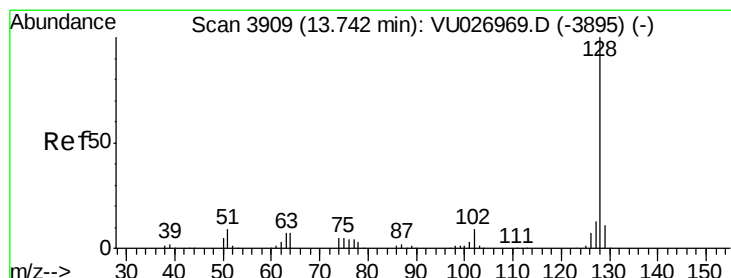
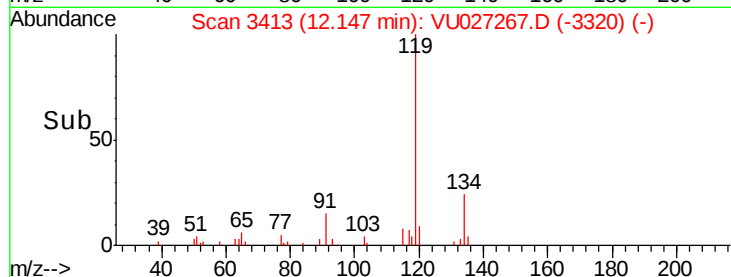
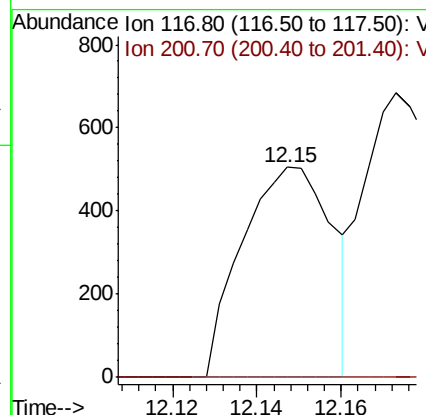
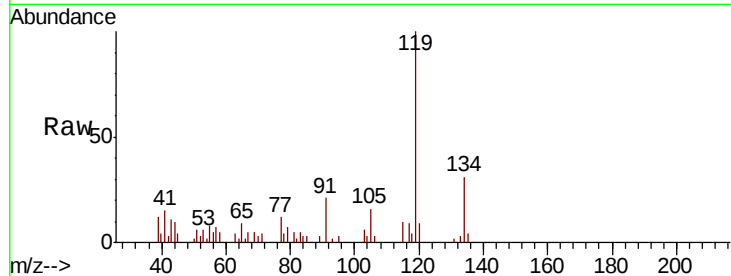




#90
Hexachloroethane
Concen: 0.634 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Instrument :
MSVOA_U
ClientSampleId :
FA18-JEB5-2

Tot Ion:117 Resp: 745
Ion Ratio Lower Upper
117 100
201 0.0 36.8 110.3#



#95
Naphthalene
Concen: 2.731 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027267.D
Acq: 28 Sep 2018 13:32

Tgt Ion:128 Resp: 7613
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 10.9 8.6 12.8

