

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027388.D
 Acq On : 04 Oct 2018 04:04
 Operator : MD/SY
 Sample : J5212-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 07:39:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160702	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82783	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	95964	63.61	ug/l	0.00
Spiked Amount			Recovery	=	127.22%	
35) Dibromofluoromethane	4.89	113	67717	61.49	ug/l	0.00
Spiked Amount			Recovery	=	122.98%	
50) Toluene-d8	7.57	98	251480	61.01	ug/l	0.00
Spiked Amount			Recovery	=	122.02%	
62) 4-Bromofluorobenzene	10.31	95	87687	57.24	ug/l	0.00
Spiked Amount			Recovery	=	114.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	718	0.721	ug/l #	44
11) Tert butyl alcohol	2.82	59	433	1.363	ug/l #	72
14) Allyl chloride	2.71	41	3123	1.378	ug/l #	26
16) Acetone	2.32	43	11372	12.761	ug/l	99
18) Methyl Acetate	2.62	43	3091	1.520	ug/l #	88
20) Methylene Chloride	2.70	84	59171	47.666	ug/l	98
25) 2-Butanone	4.29	43	610	0.502	ug/l	93
29) Tetrahydrofuran	4.67	42	351	0.458	ug/l #	39
30) Chloroform	4.68	83	1317	0.626	ug/l #	82
31) Cyclohexane	4.98	56	2136	0.648	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	7998	4.584	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9386	5.955	ug/l #	18
40) Benzene	5.39	78	2163	0.426	ug/l	91
43) Isopropyl Acetate	5.55	43	99851	28.510	ug/l	98
48) Methyl methacrylate	6.71	41	9753	5.600	ug/l #	46
51) 4-Methyl-2-Pentanone	7.47	43	978	0.430	ug/l #	74
52) Toluene	7.64	92	5099	1.695	ug/l	98
55) 1,1,2-Trichloroethane	8.19	97	381	0.319	ug/l #	13
56) Ethyl methacrylate	7.78	69	737	2.580	ug/l #	57
59) 2-Hexanone	8.32	43	1120	0.634	ug/l #	26
67) Ethyl Benzene	9.25	91	4905	0.838	ug/l	94
68) m/p-Xylenes	9.38	106	5576	2.605	ug/l	99
69) o-Xylene	9.78	106	1939	0.953	ug/l	89
70) Styrene	9.79	104	762	2.490	ug/l #	53
76) 1,2,3-Trichloropropane	10.31	75	47231	22.010	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	2848	0.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	47231	57.602	ug/l #	100
83) tert-Butylbenzene	11.15	119	1068	0.226	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.15	105	7148	1.430	ug/l	99
89) n-Butylbenzene	11.88	91	612	2.058	ug/l #	42
90) Hexachloroethane	12.25	117	304	0.316	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.70	75	111	0.212	ug/l #	7
95) Naphthalene	13.74	128	447957	70.858	ug/l	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

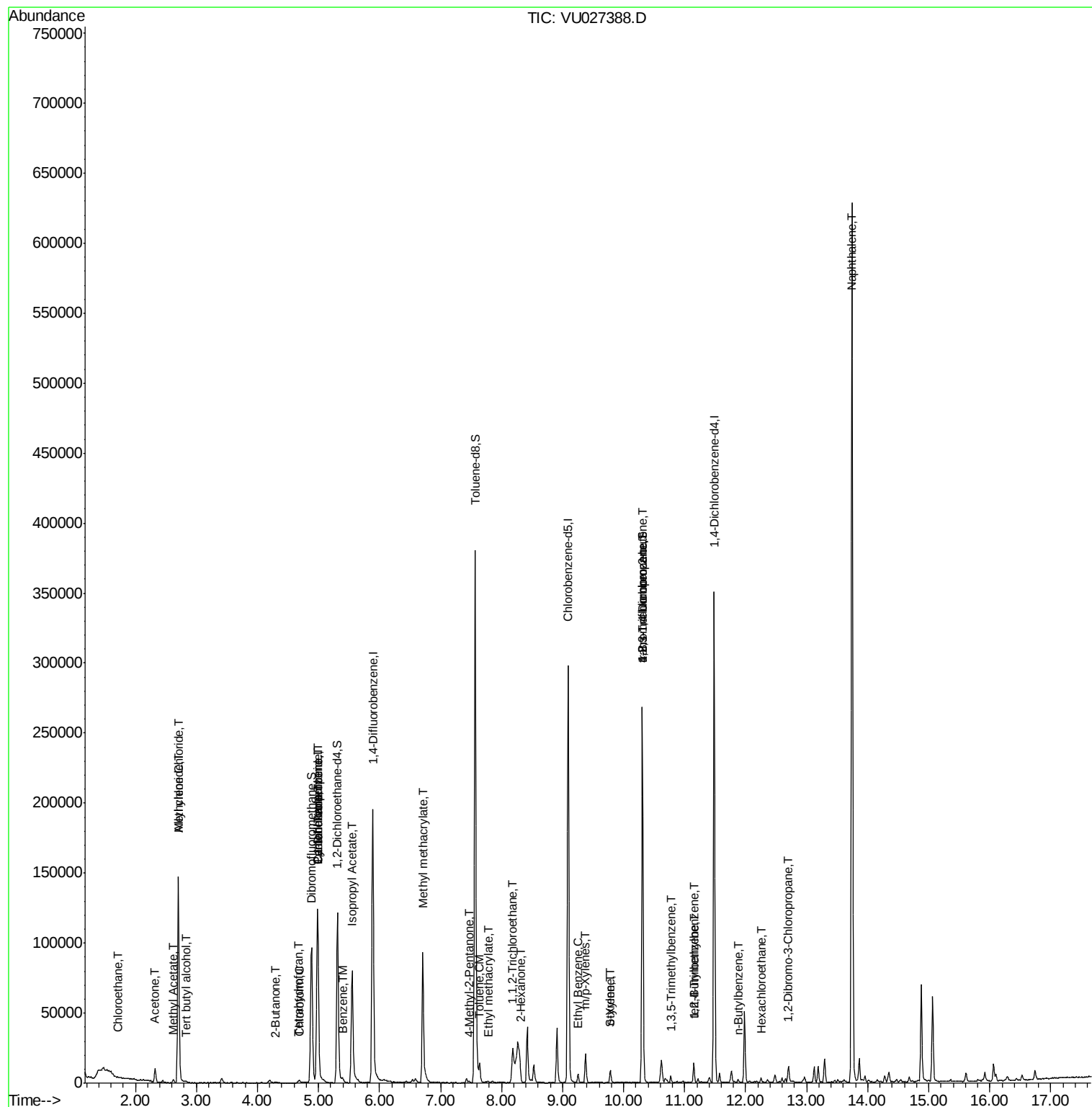
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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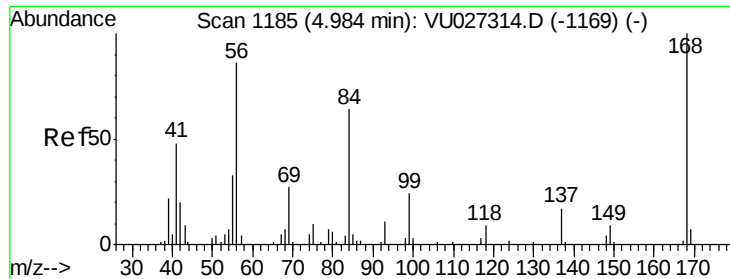
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027388.D
Acq On : 04 Oct 2018 04:04
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

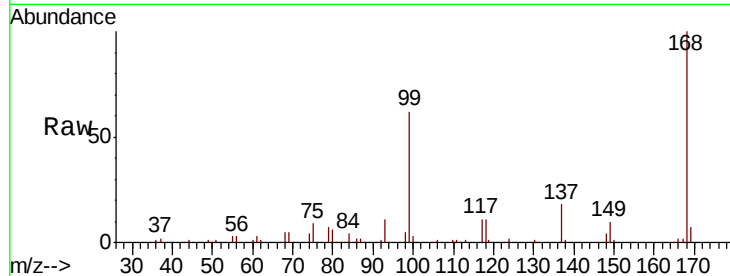
ClientSampleId :

Tot Ion:168 Resp: 90341

Ion Ratio Lower Upper

168 100

99 62.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

40000

30000

20000

10000

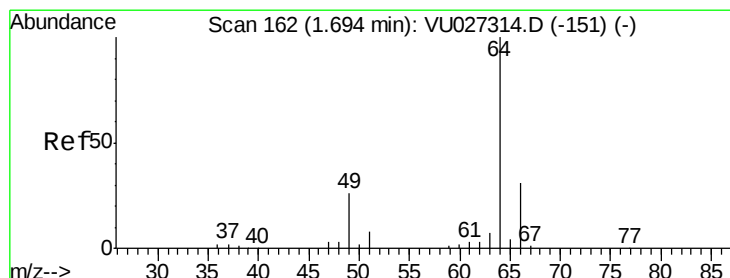
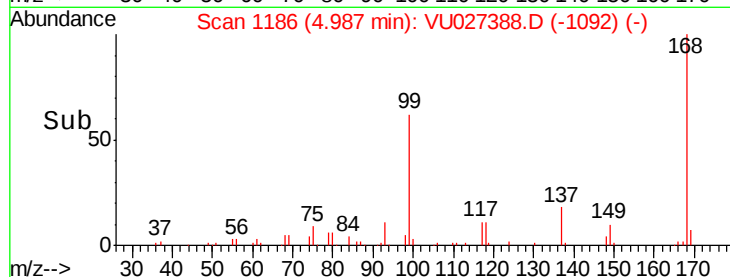
0

4.90

5.00

5.10

Time-->



#6

Chloroethane

Concen: 0.721 ug/l

RT: 1.71 min Scan# 167

Delta R.T. 0.02 min

Lab File: VU027388.D

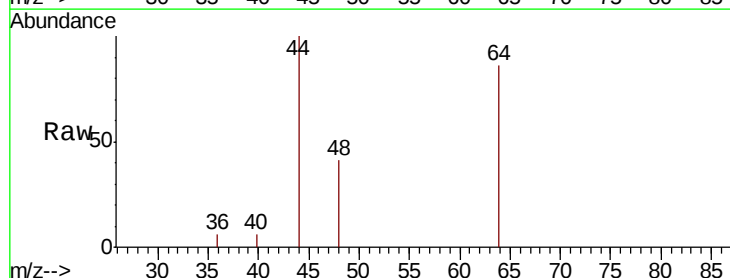
Acq: 04 Oct 2018 04:04

Tgt Ion: 64 Resp: 718

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

1.71

2000

1500

1000

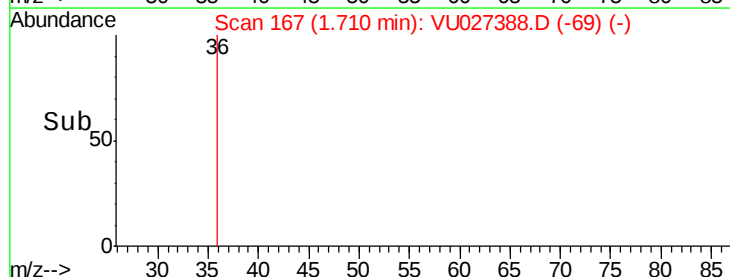
500

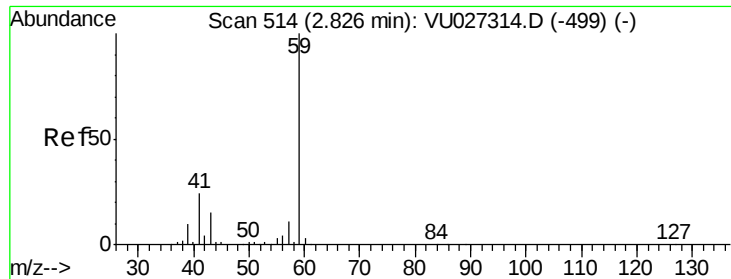
0

1.70

1.75

Time-->

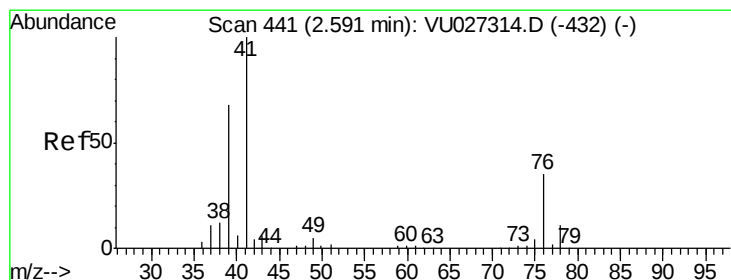
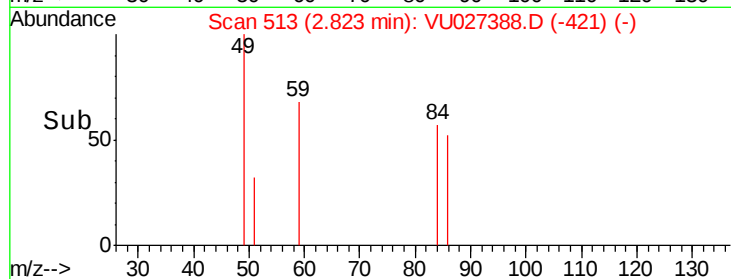
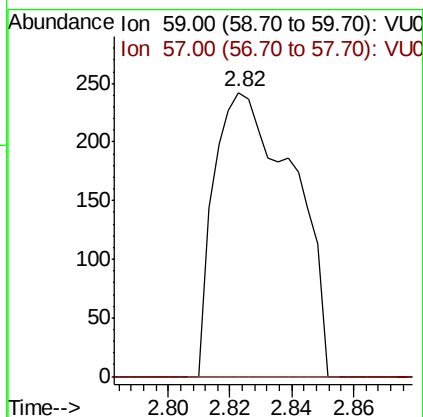
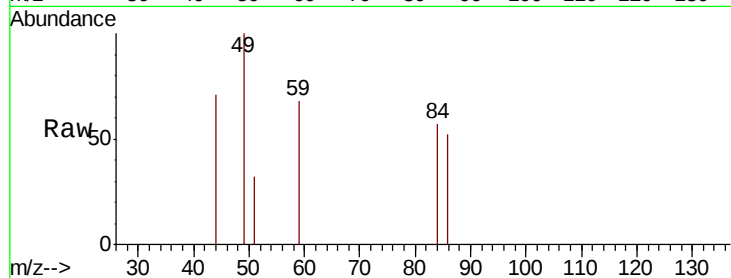




#11
Tert butyl alcohol
Concen: 1.363 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

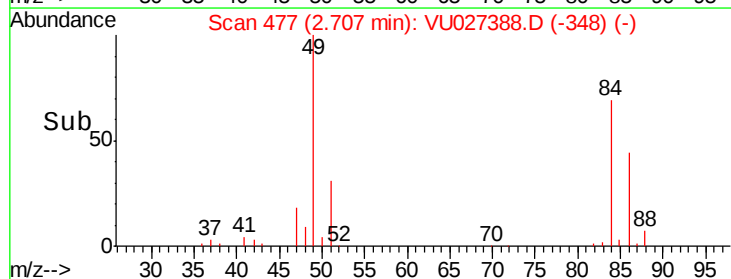
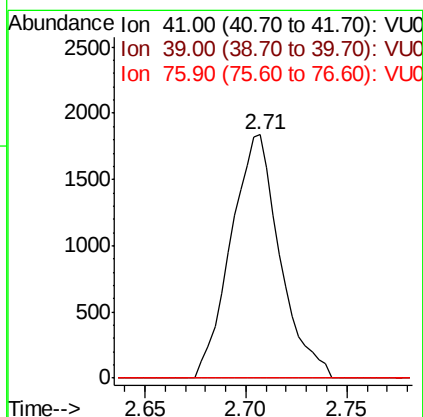
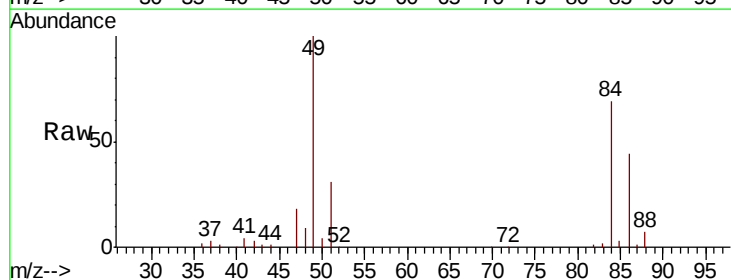
Instrument :
MSVOA_U
ClientSampled :

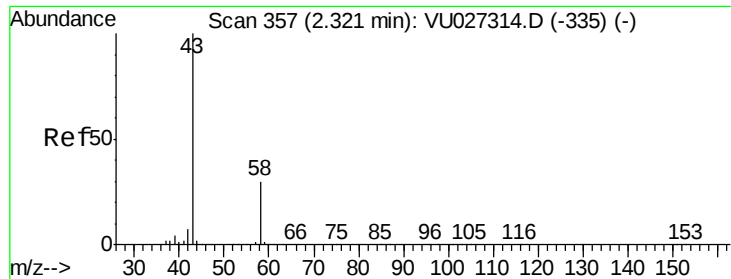
Tot Ion: 59 Resp: 433
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#14
Allyl chloride
Concen: 1.378 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.12 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 41 Resp: 3123
Ion Ratio Lower Upper
41 100
39 0.0 51.8 77.8#
76 0.0 25.9 38.9#





#16

Acetone

Concen: 12.761 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

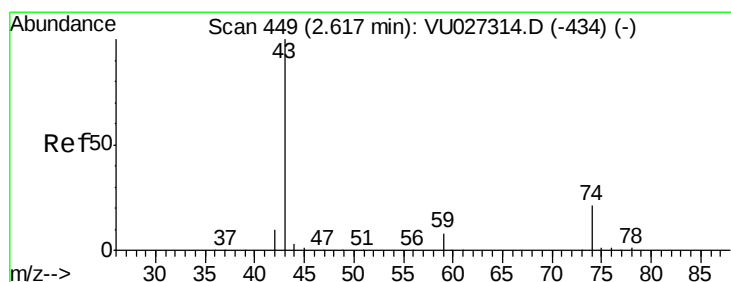
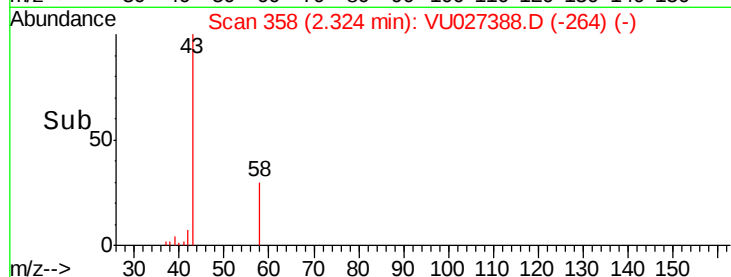
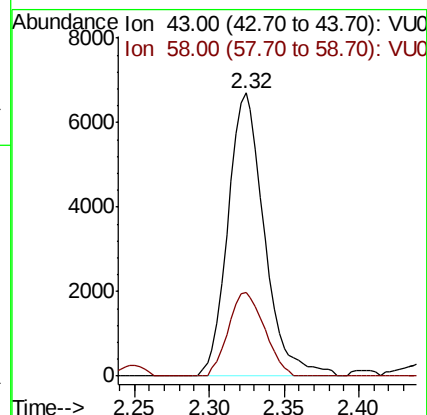
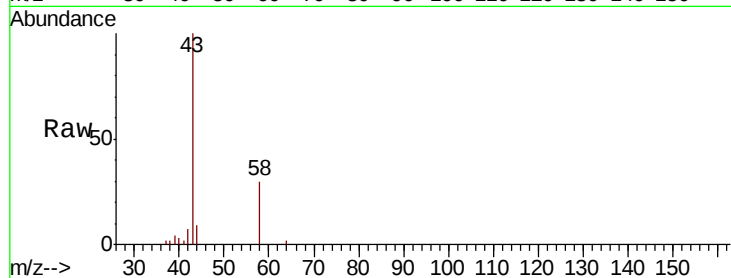
ClientSampleId :

Tot Ion: 43 Resp: 11372

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.4



#18

Methyl Acetate

Concen: 1.520 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027388.D

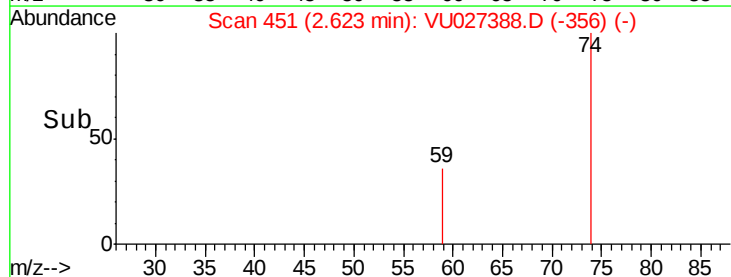
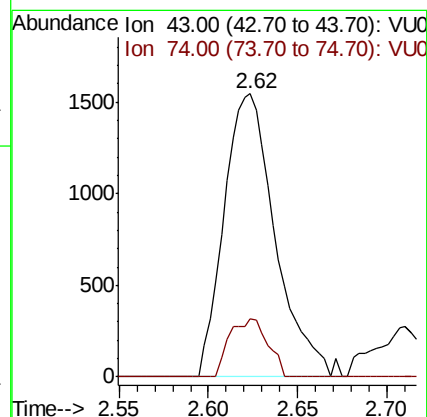
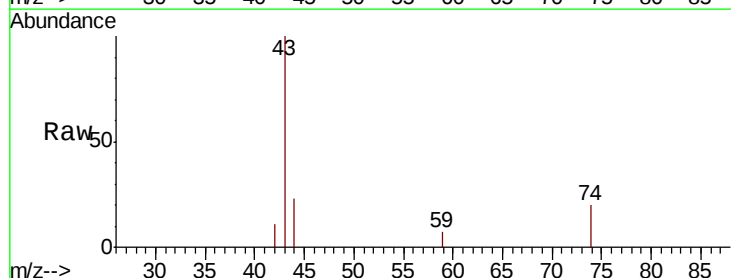
Acq: 04 Oct 2018 04:04

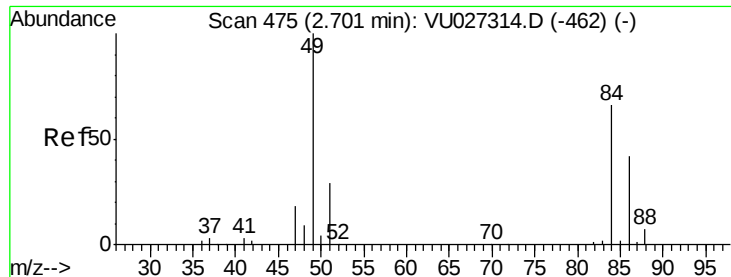
Tgt Ion: 43 Resp: 3091

Ion Ratio Lower Upper

43 100

74 15.2 16.5 24.7#

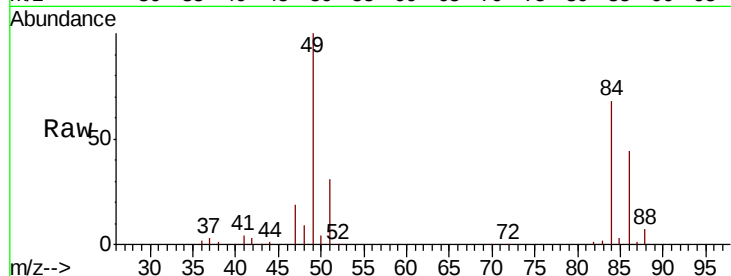




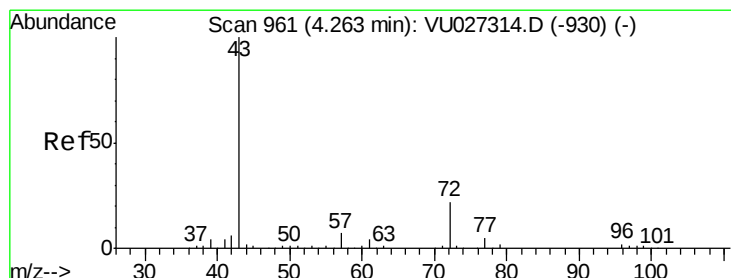
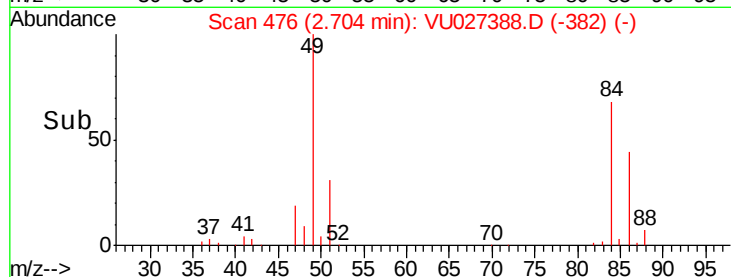
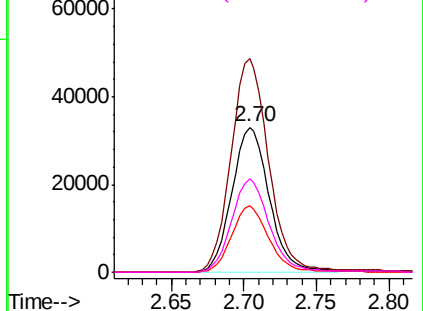
#20
Methylene Chloride
Concen: 47.666 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 59171
Ion Ratio Lower Upper
84 100
49 147.5 120.5 180.7
51 46.3 35.1 52.7
86 64.4 50.5 75.7

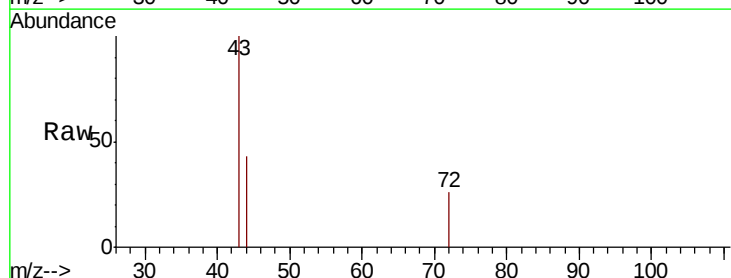


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

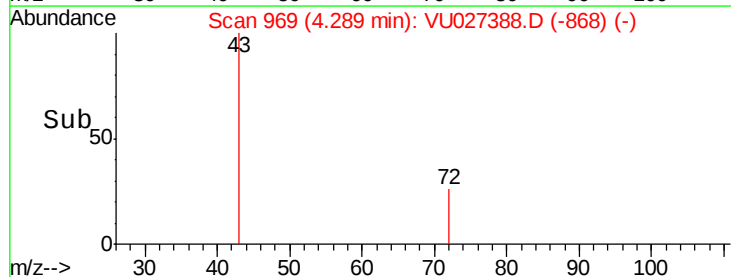
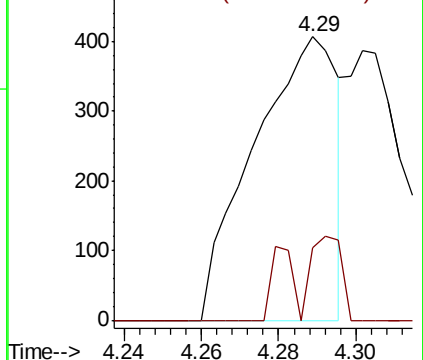


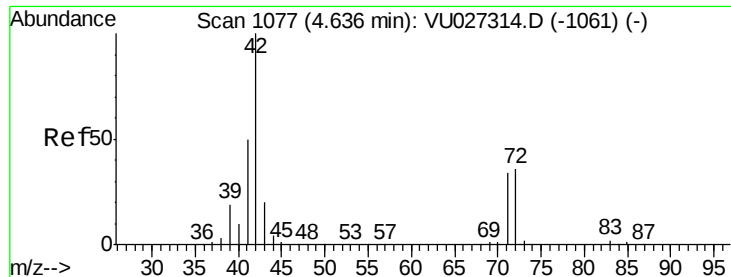
#25
2-Butanone
Concen: 0.502 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
72 25.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0





#29

Tetrahydrofuran

Concen: 0.458 ug/l

RT: 4.67 min Scan# 1087

Delta R.T. 0.03 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

ClientSampled :

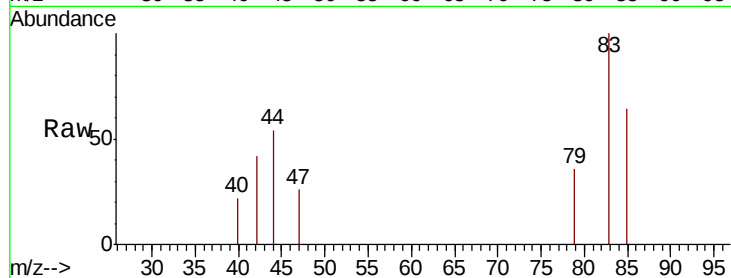
Tot Ion: 42 Resp: 351

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

71 0.0 27.7 41.5#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

250

200

150

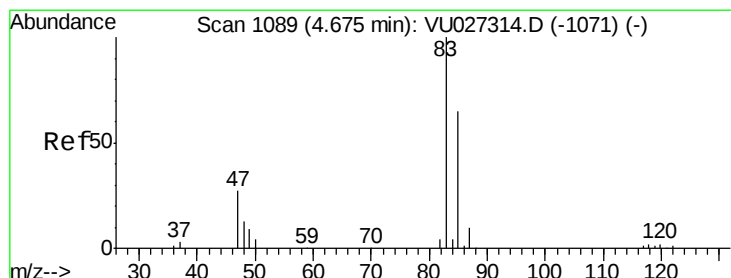
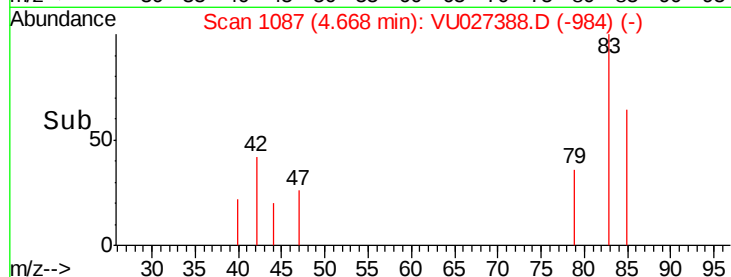
100

50

0

4.62 4.64 4.66 4.68

Time-->



#30

Chloroform

Concen: 0.626 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027388.D

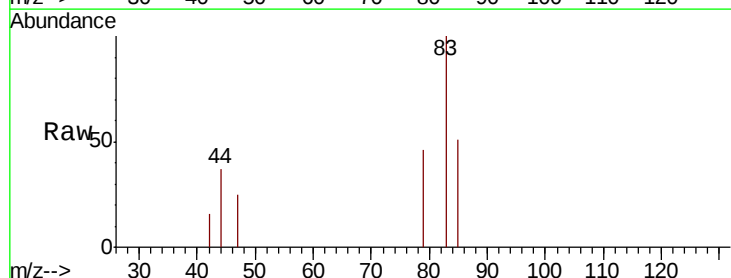
Acq: 04 Oct 2018 04:04

Tgt Ion: 83 Resp: 1317

Ion Ratio Lower Upper

83 100

85 50.7 51.8 77.6#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

600

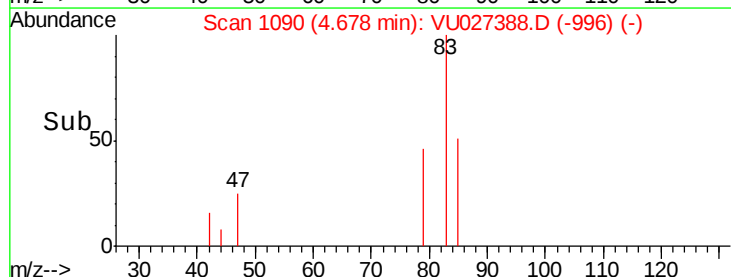
400

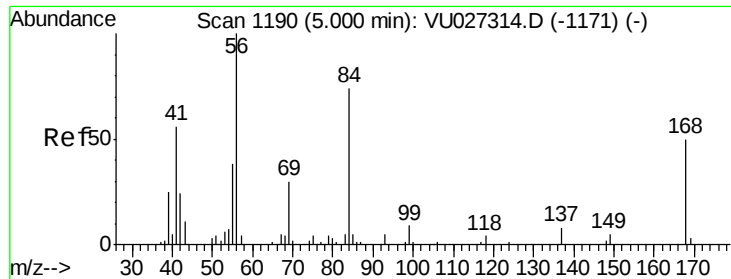
200

0

4.65 4.70

Time-->

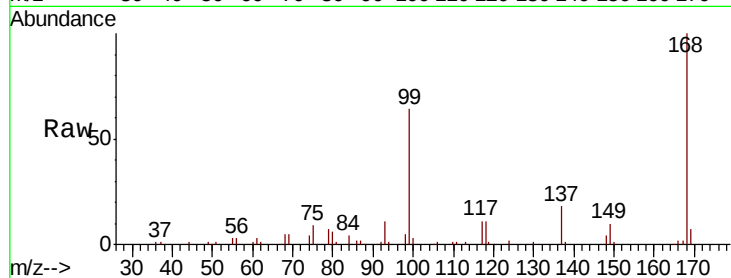




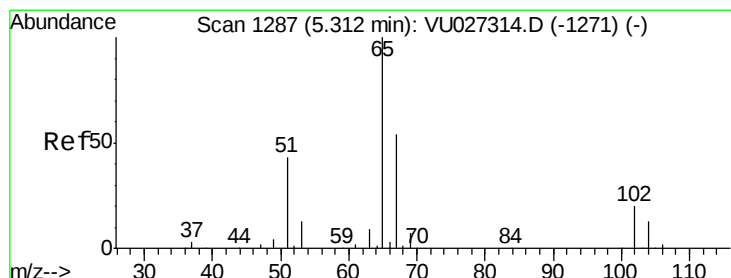
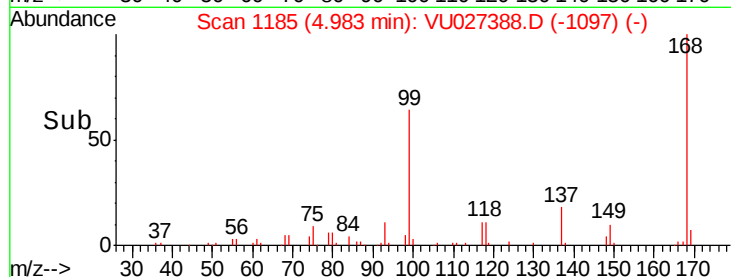
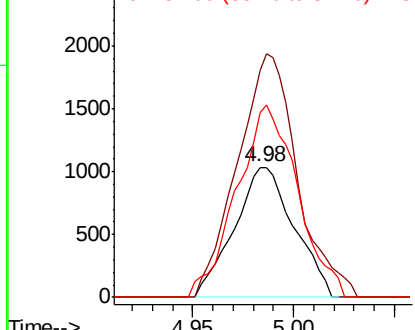
#31
Cyclohexane
Concen: 0.648 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 2136
Ion Ratio Lower Upper
56 100
69 174.8 24.1 36.1#
84 142.3 59.1 88.7#

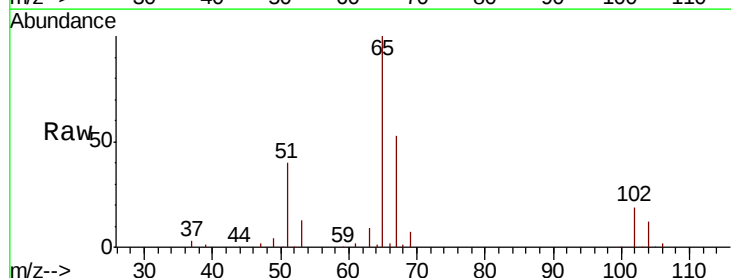


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

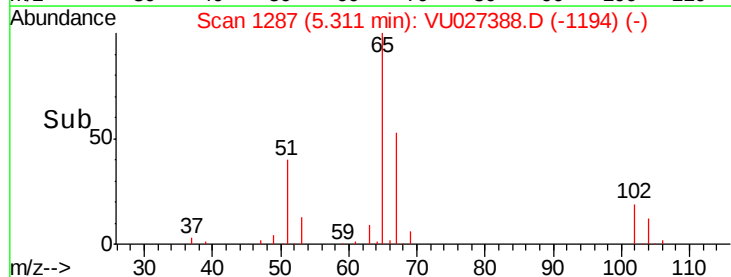
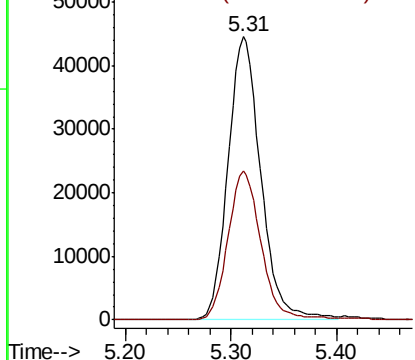


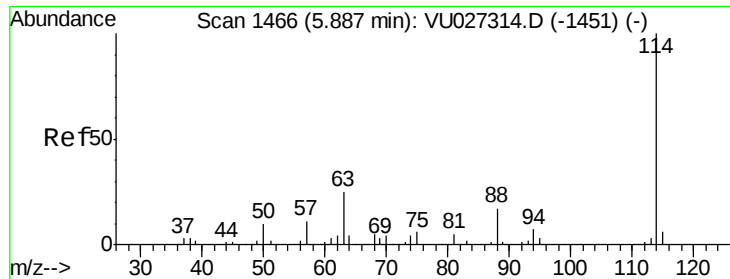
#33
1,2-Dichloroethane-d4
Concen: 63.614 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 65 Resp: 95964
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

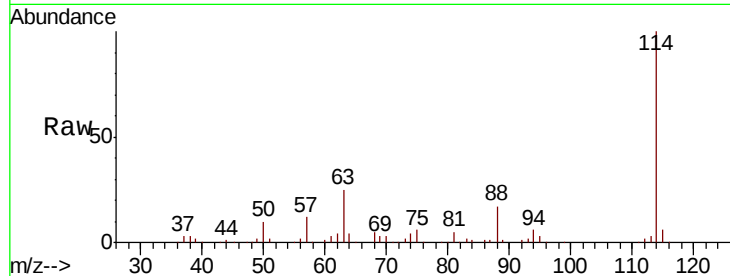




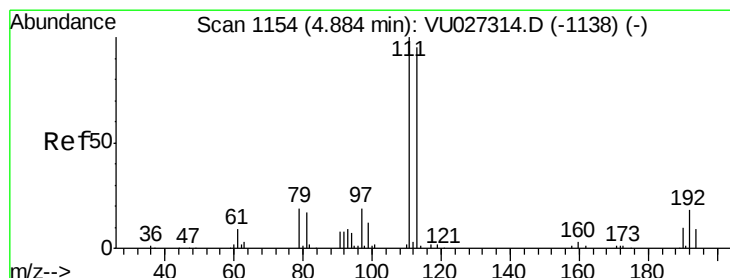
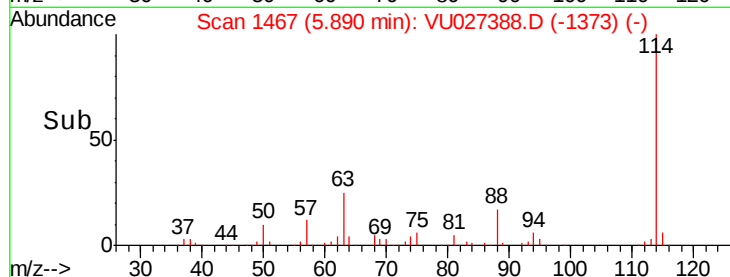
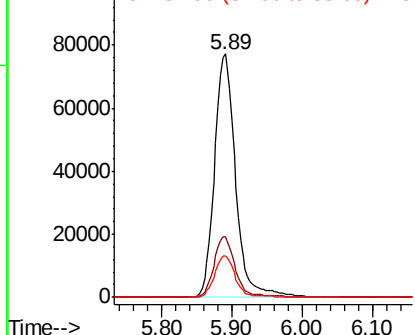
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:114 Resp: 160702
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.2
 88 17.0 0.0 33.8

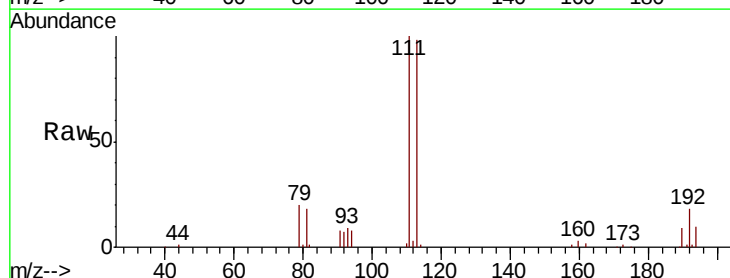


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

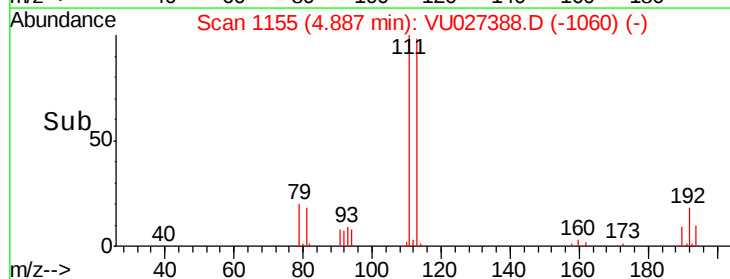
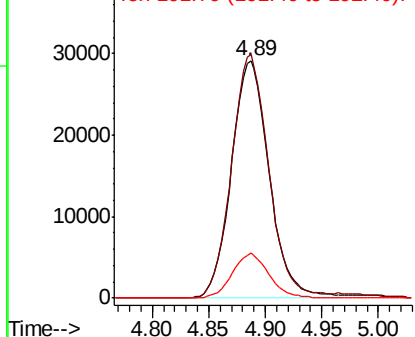


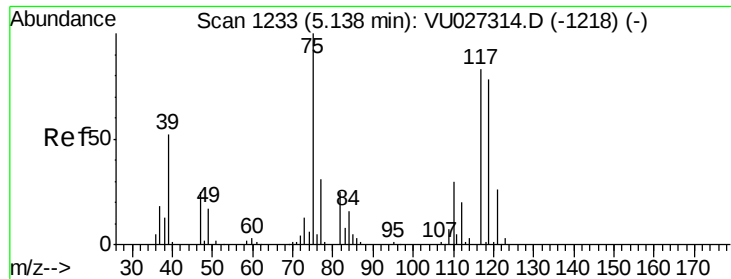
#35
 Dibromofluoromethane
 Concen: 61.486 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Tgt Ion:113 Resp: 67717
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.1 124.7
 192 18.2 15.4 23.0



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

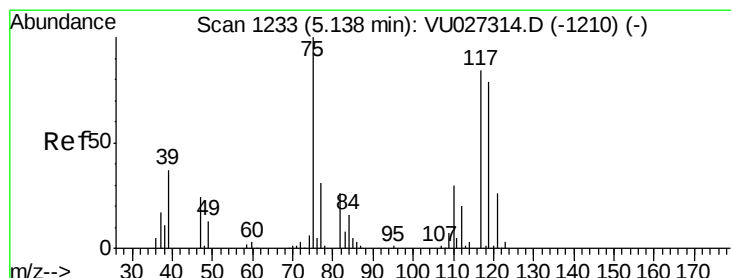
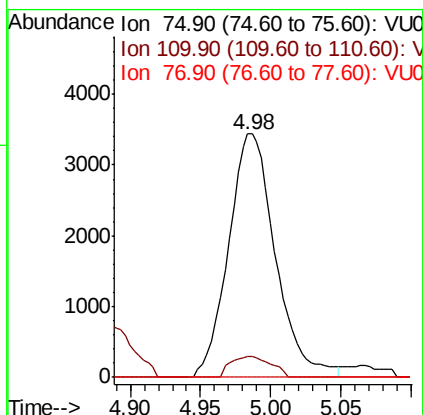
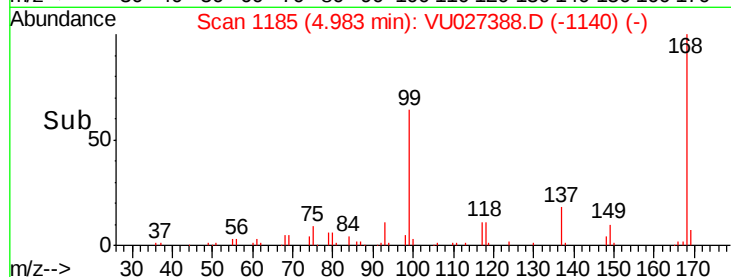
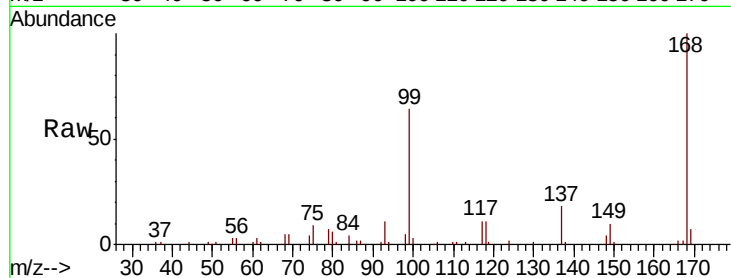




#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

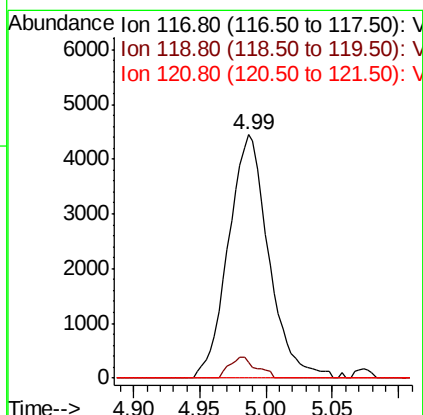
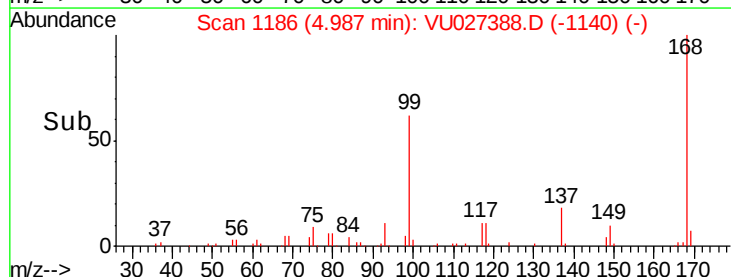
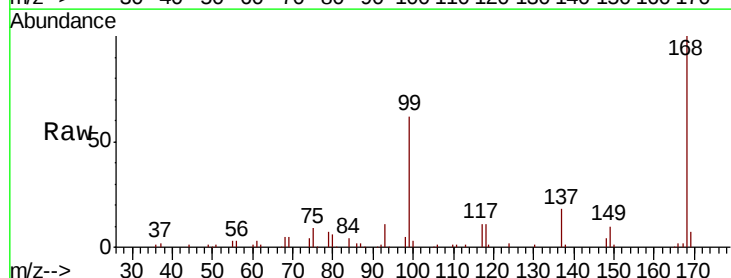
Instrument :
 MSVOA_U
 ClientSampleId :

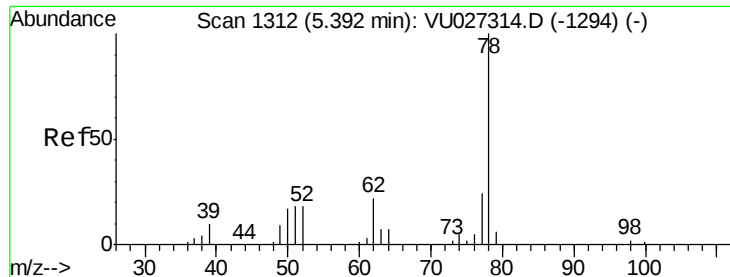
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.4	15.5	46.5#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 5.955 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.7	74.5	111.7#
121	0.0	24.6	37.0#





#40

Benzene

Concen: 0.426 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

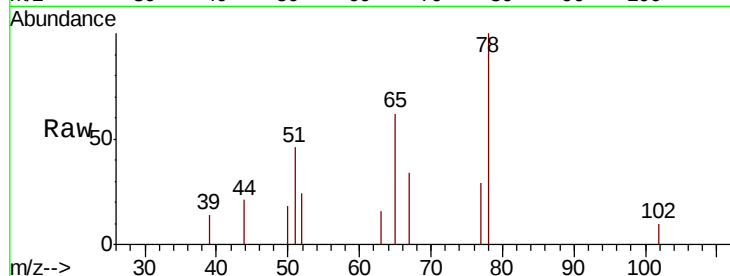
ClientSampled :

Tot Ion: 78 Resp: 2163

Ion Ratio Lower Upper

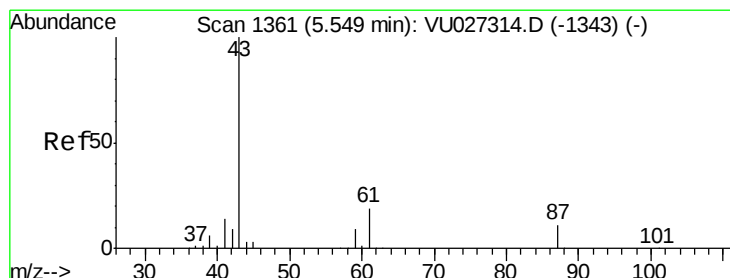
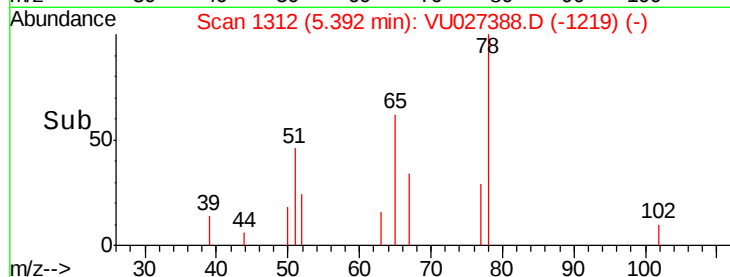
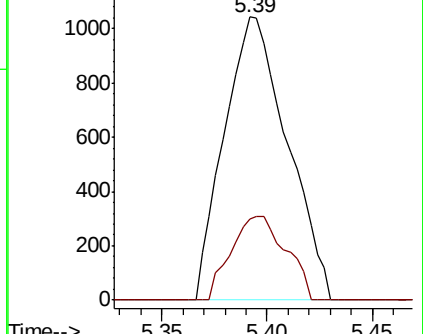
78 100

77 28.5 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#43

Isopropyl Acetate

Concen: 28.510 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

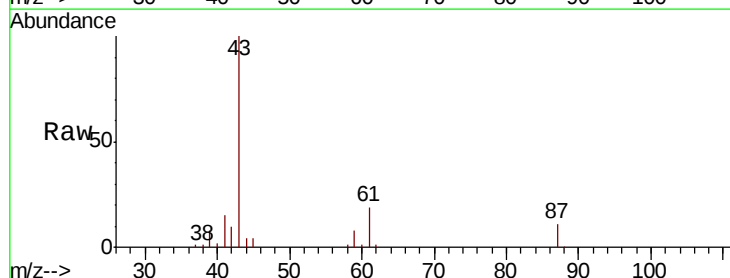
Tgt Ion: 43 Resp: 99851

Ion Ratio Lower Upper

43 100

61 17.9 15.3 22.9

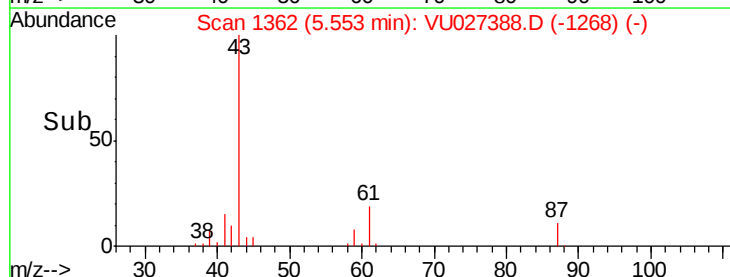
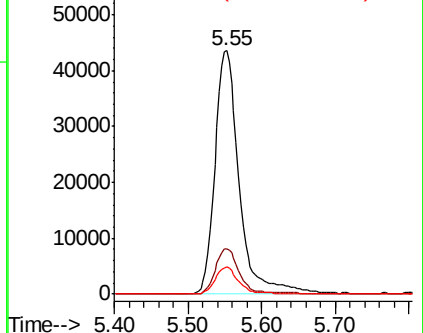
87 10.7 8.6 13.0

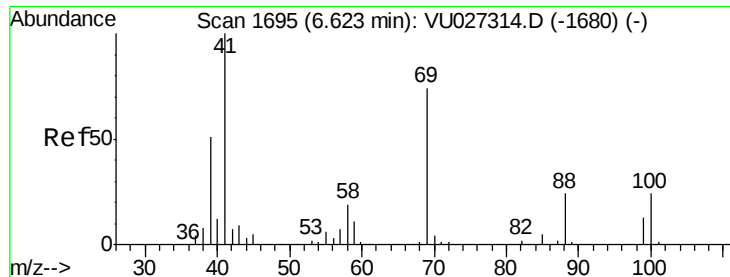


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

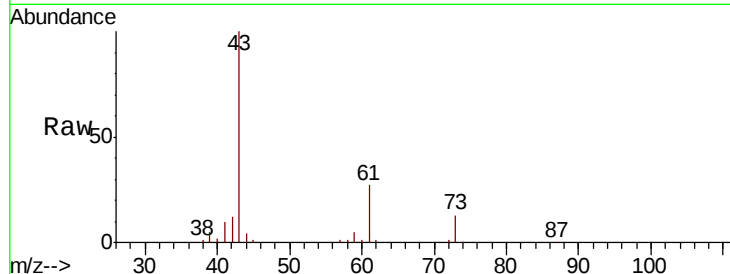




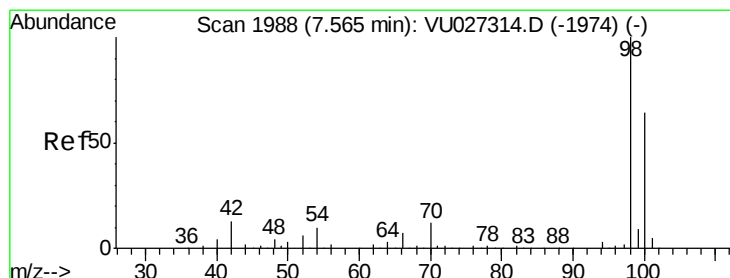
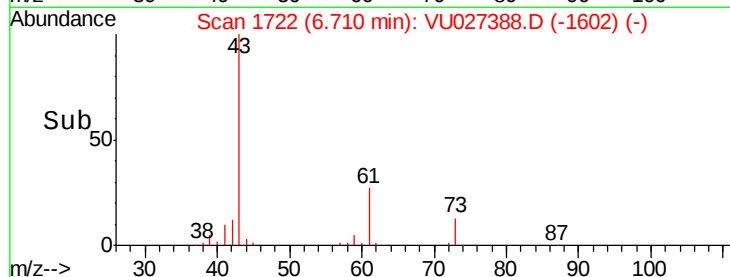
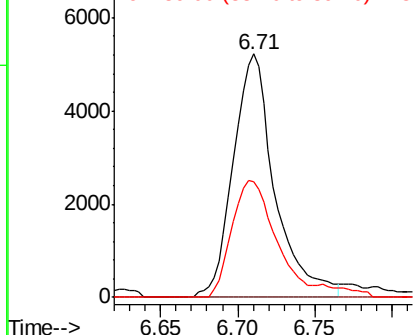
#48
Methvl methacrylate
Concen: 5.600 ug/l
RT: 6.71 min Scan# 1722
Delta R.T. 0.09 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 9753
Ion Ratio Lower Upper
41 100
69 0.0 61.0 91.4#
39 50.3 39.9 59.9

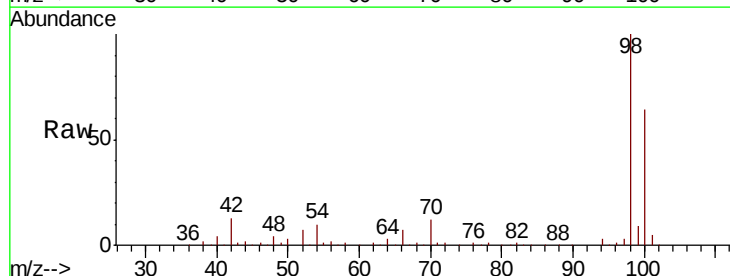


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

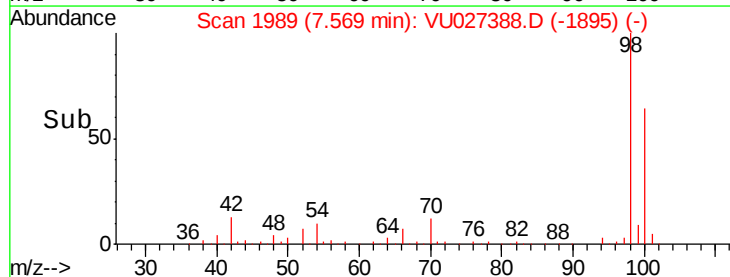
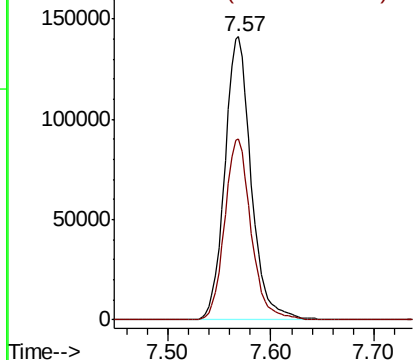


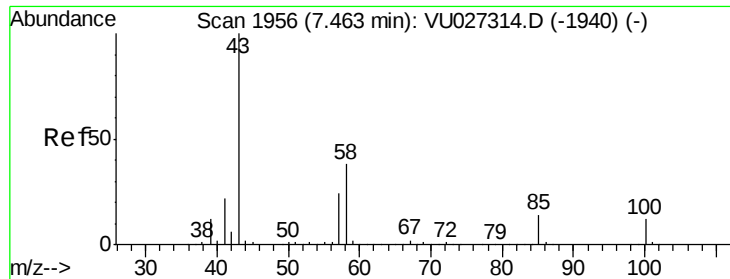
#50
Toluene-d8
Concen: 61.010 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 98 Resp: 251480
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 0.430 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

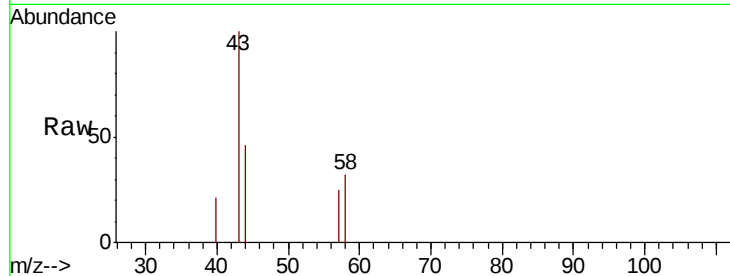
ClientSampleId :

Tot Ion: 43 Resp: 978

Ion Ratio Lower Upper

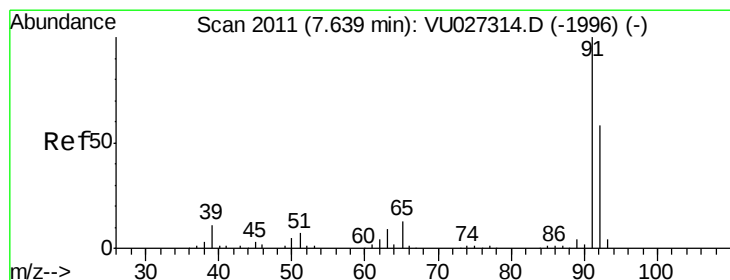
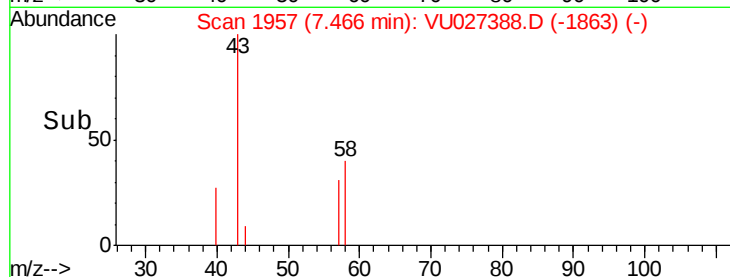
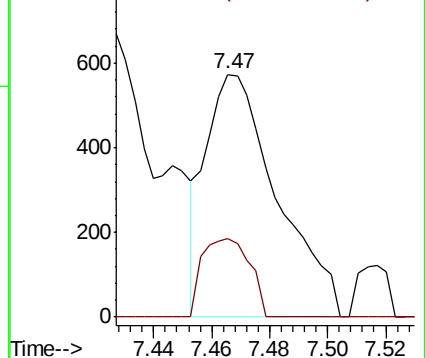
43 100

58 21.7 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 1.695 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027388.D

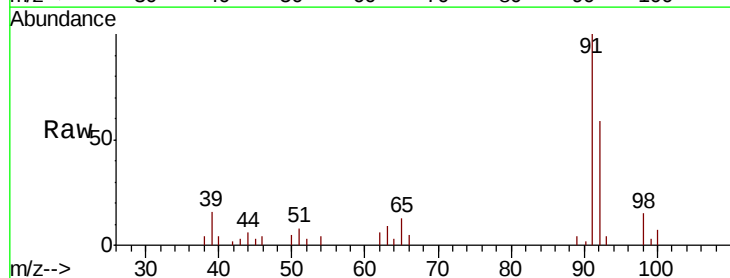
Acq: 04 Oct 2018 04:04

Tgt Ion: 92 Resp: 5099

Ion Ratio Lower Upper

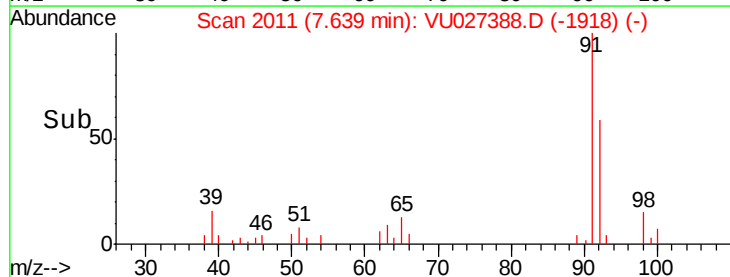
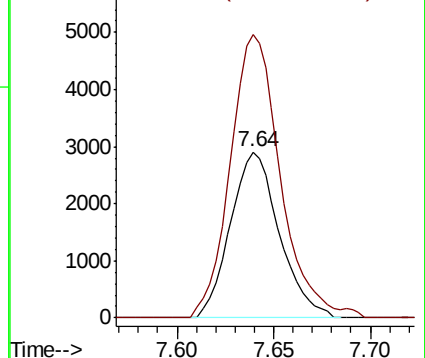
92 100

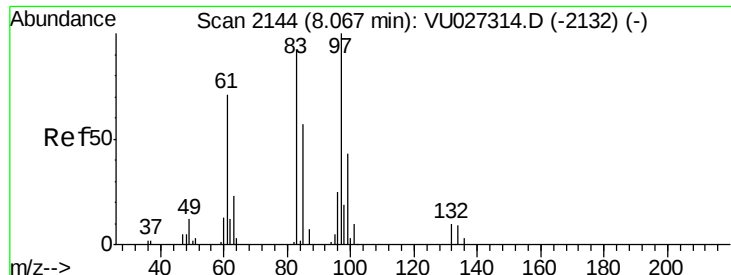
91 175.6 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

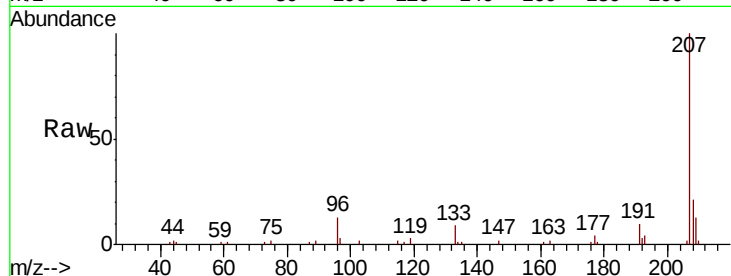




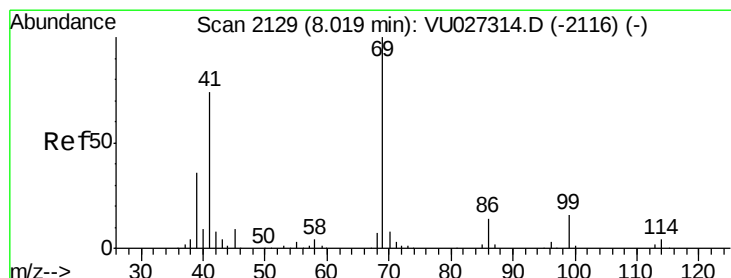
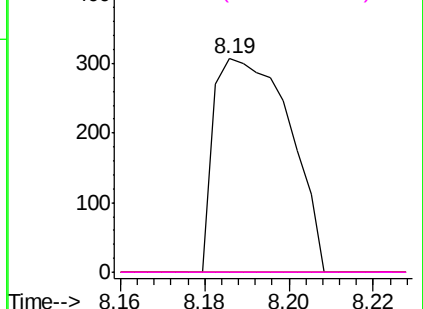
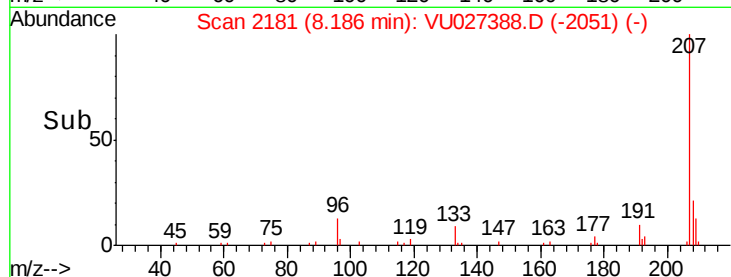
#55
 1,1,2-Trichloroethane
 Concen: 0.319 ug/l
 RT: 8.19 min Scan# 2181
 Delta R.T. 0.12 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 97 Resp: 381
 Ion Ratio Lower Upper
 97 100
 83 0.0 73.0 109.6#
 85 0.0 47.3 70.9#
 99 0.0 49.7 74.5#

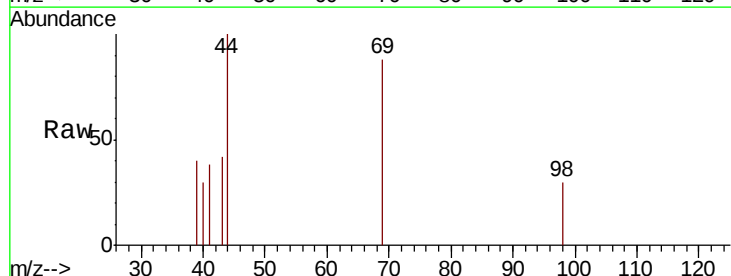


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

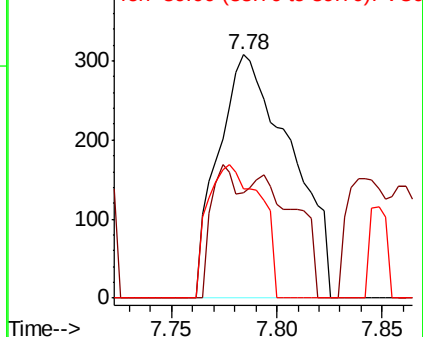
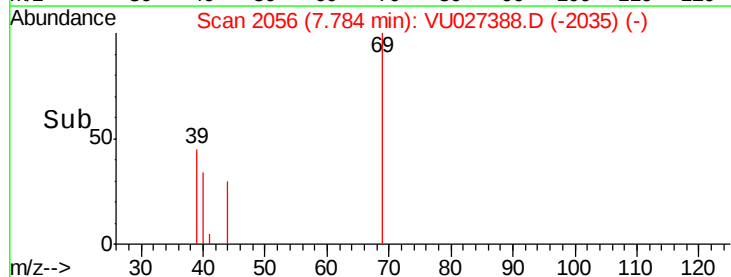


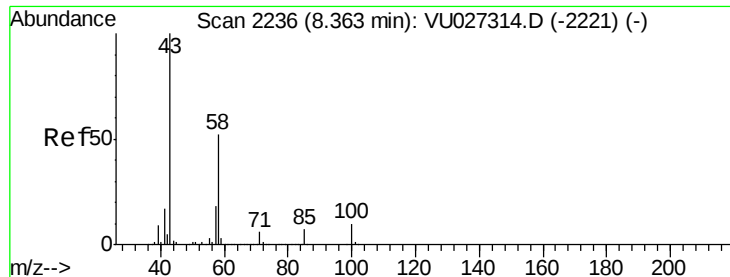
#56
 Ethyl methacrylate
 Concen: 2.580 ug/l
 RT: 7.78 min Scan# 2056
 Delta R.T. -0.23 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Tgt Ion: 69 Resp: 737
 Ion Ratio Lower Upper
 69 100
 41 22.1 60.0 90.0#
 39 39.6 29.5 44.3



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

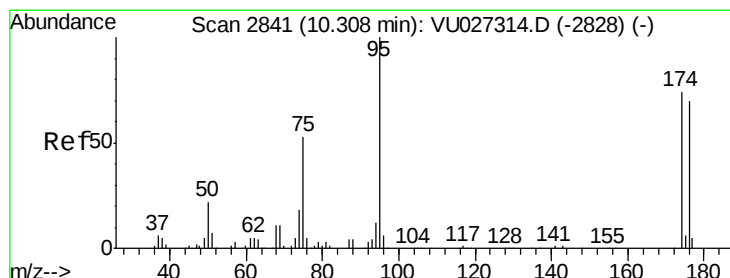
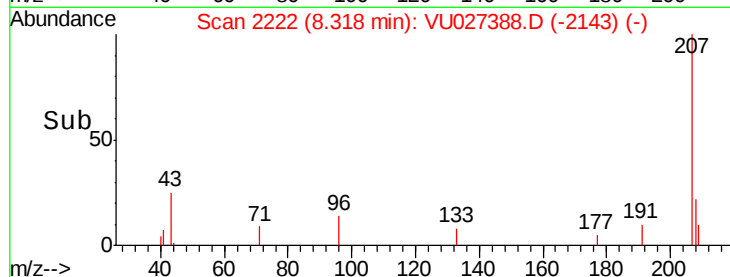
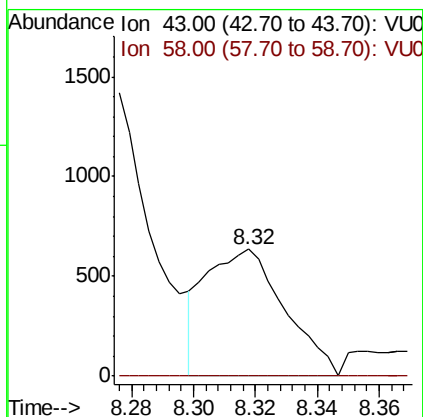
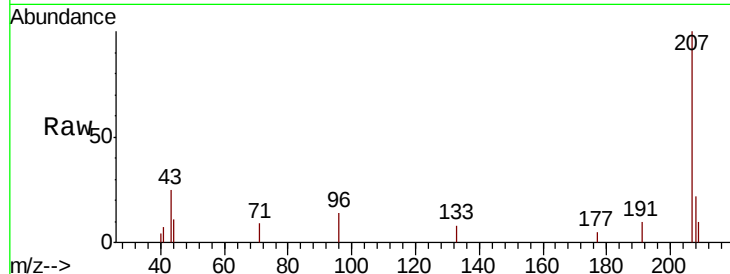




#59
2-Hexanone
Concen: 0.634 ug/l
RT: 8.32 min Scan# 2222
Delta R.T. -0.05 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

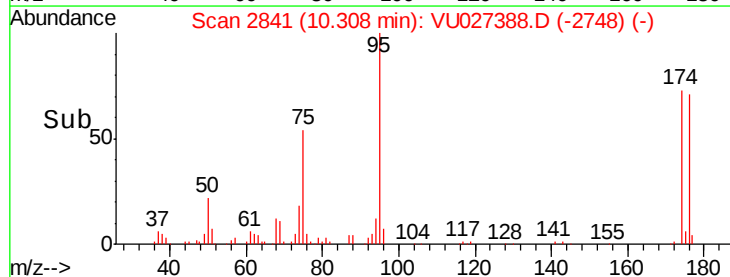
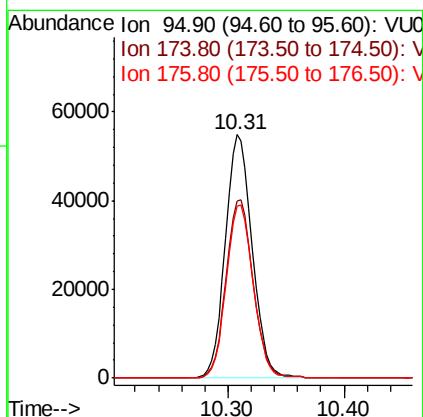
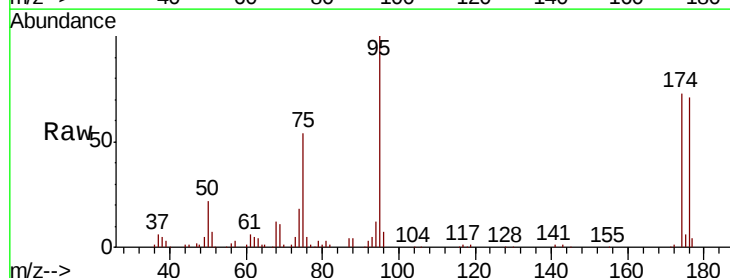
Instrument :
MSVOA_U
ClientSampleId :

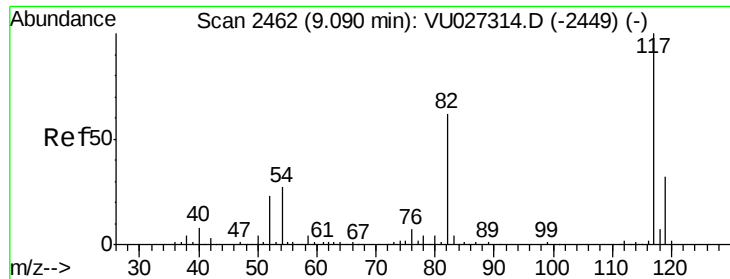
Tot Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 57.241 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 95 Resp: 87687
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 71.4 0.0 140.8

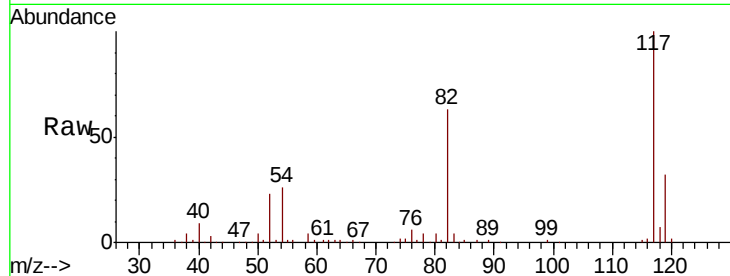




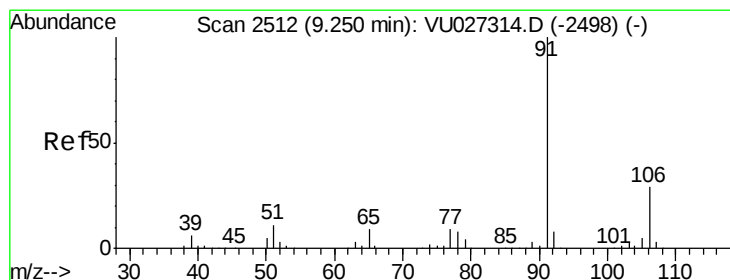
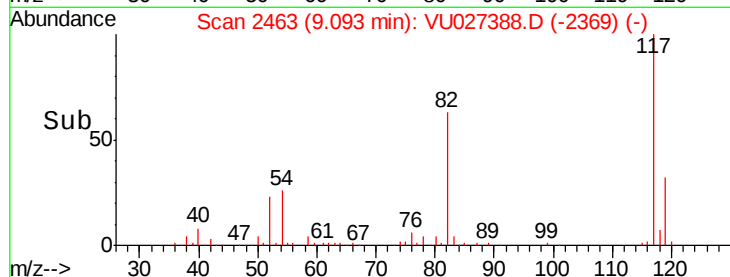
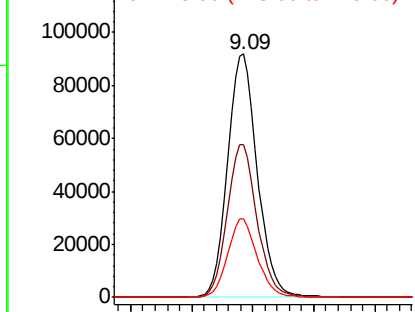
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 156942
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.1 25.7 38.5

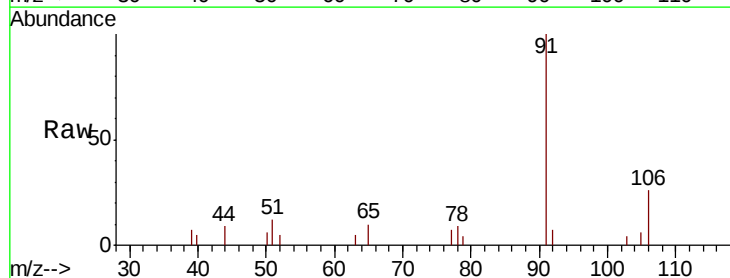


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

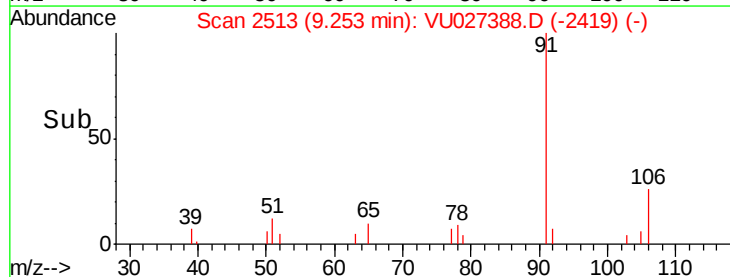
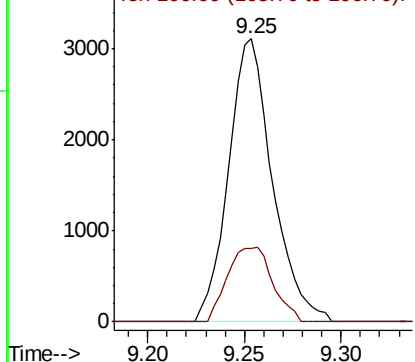


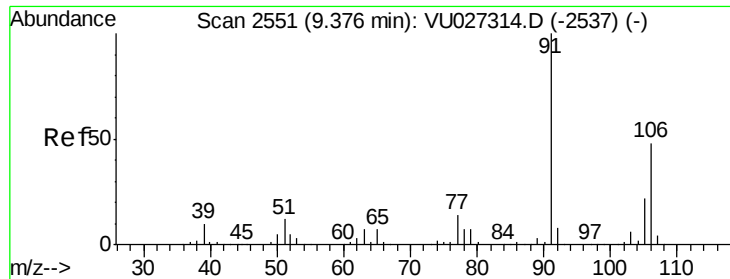
#67
Ethyl Benzene
Concen: 0.838 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 91 Resp: 4905
Ion Ratio Lower Upper
91 100
106 26.0 23.6 35.4



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

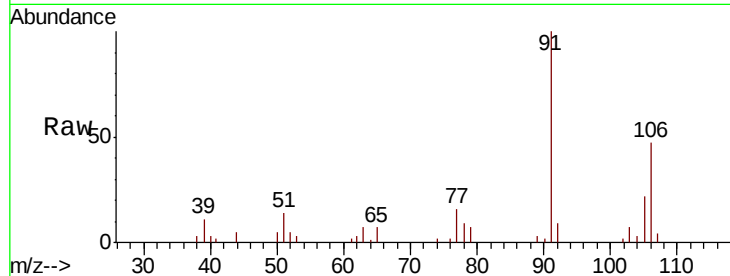




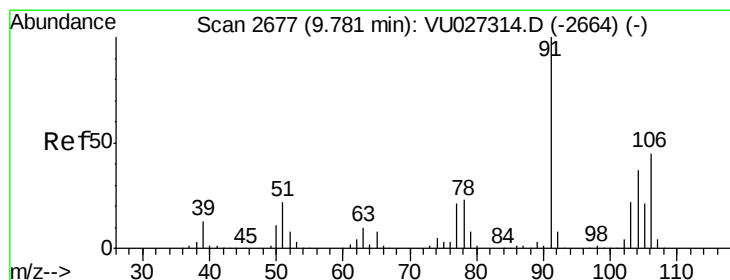
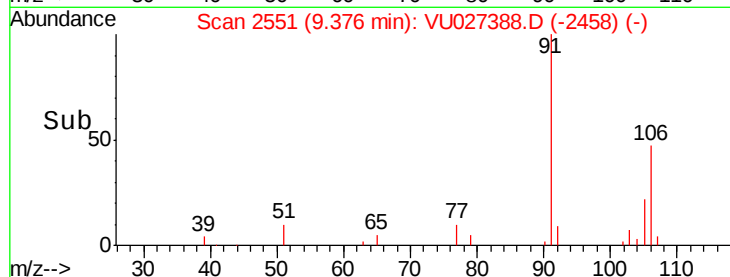
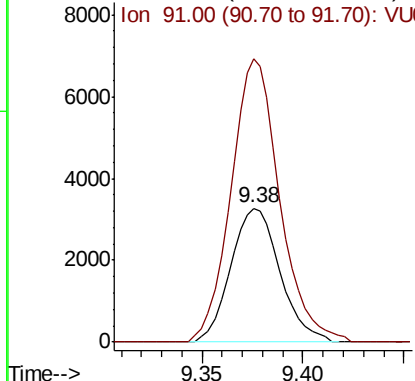
#68
m/p-Xylenes
Concen: 2.605 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 5576
Ion Ratio Lower Upper
106 100
91 209.3 168.1 252.1

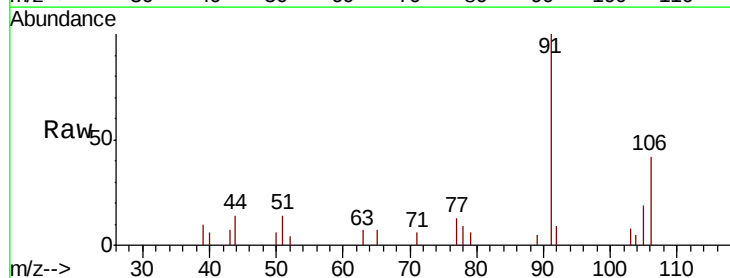


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

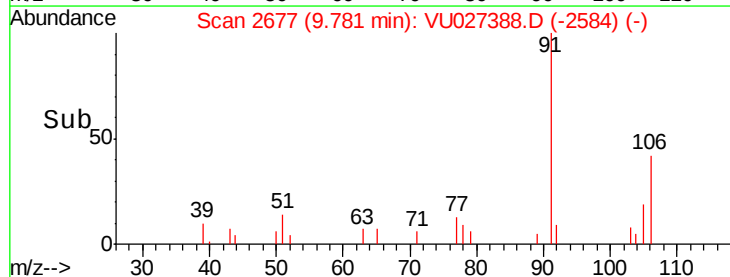
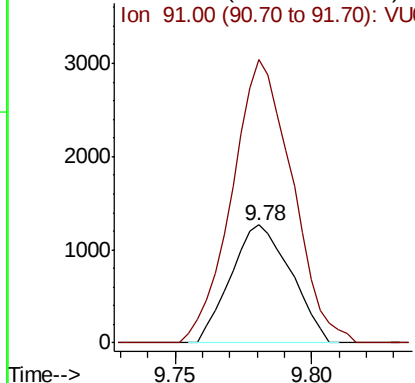


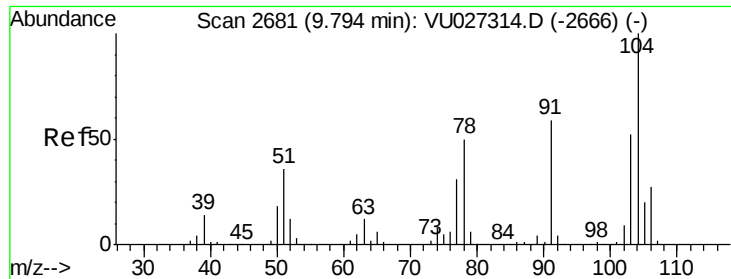
#69
o-Xylene
Concen: 0.953 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion:106 Resp: 1939
Ion Ratio Lower Upper
106 100
91 240.4 111.7 334.9



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

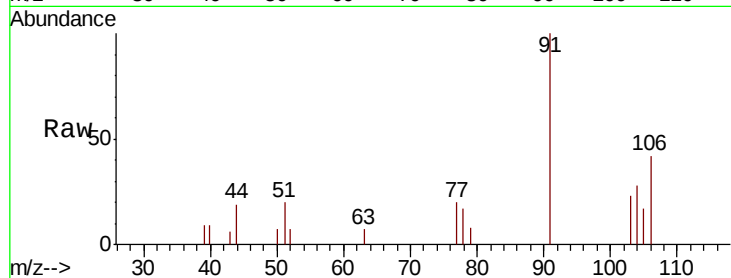




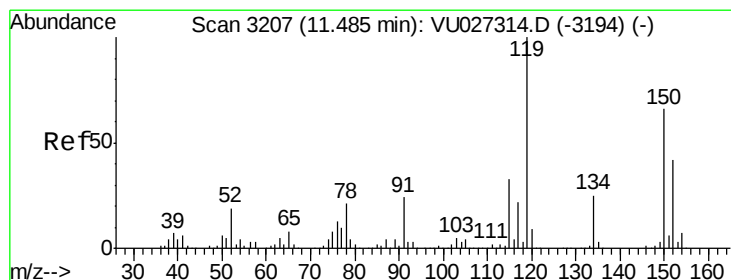
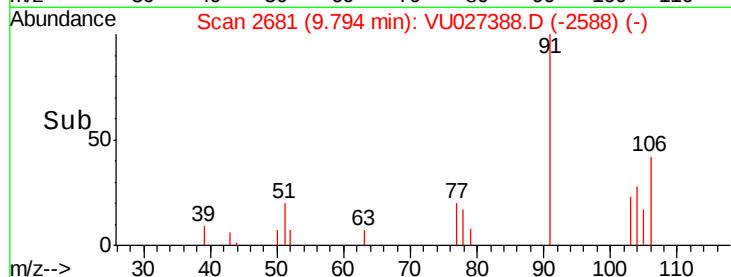
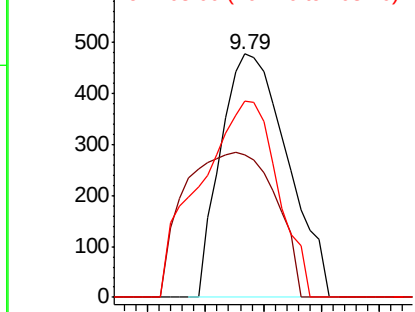
#70
Stvrene
Concen: 2.490 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:104 Resp: 762
Ion Ratio Lower Upper
104 100
78 81.4 42.9 64.3#
103 94.1 43.9 65.9#

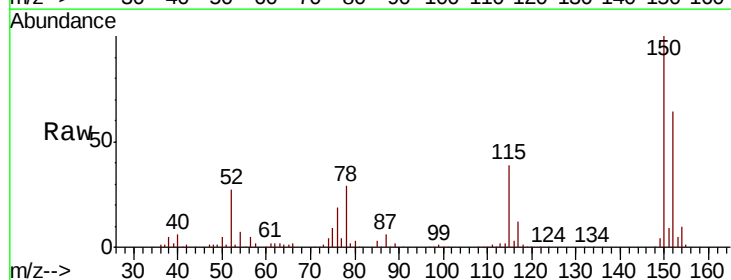


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

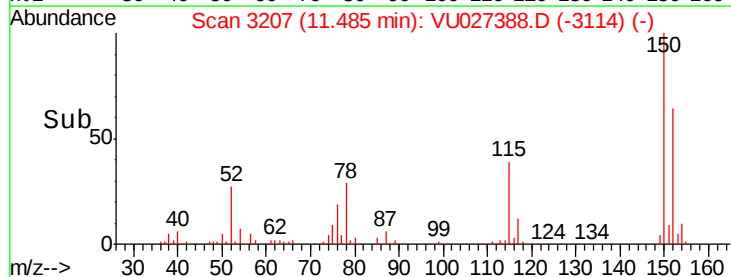
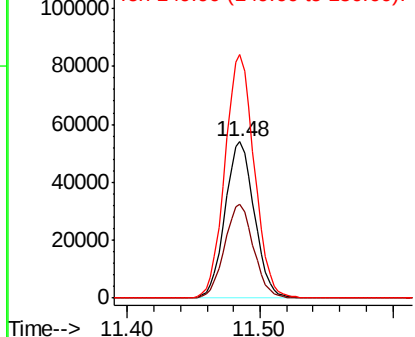


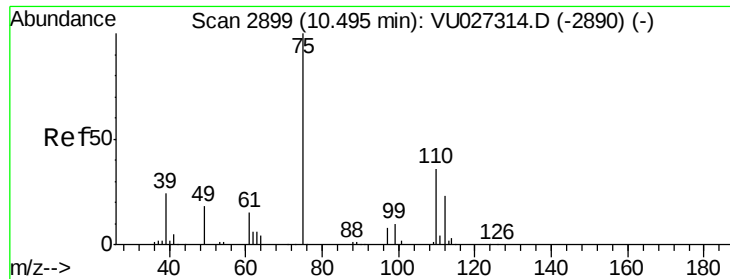
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion:152 Resp: 82783
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.2
150 156.3 0.0 349.2



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





#76

1,2,3-Trichloropropane

Concen: 22.010 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

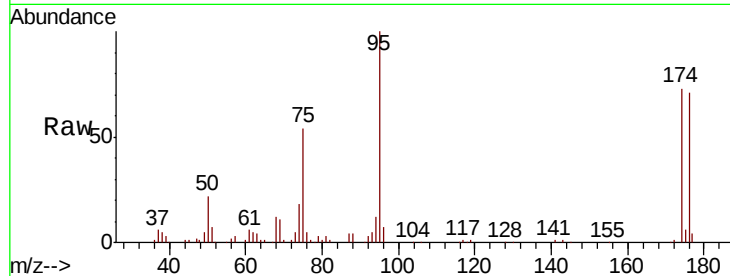
ClientSampleId :

Tot Ion: 75 Resp: 47231

Ion Ratio Lower Upper

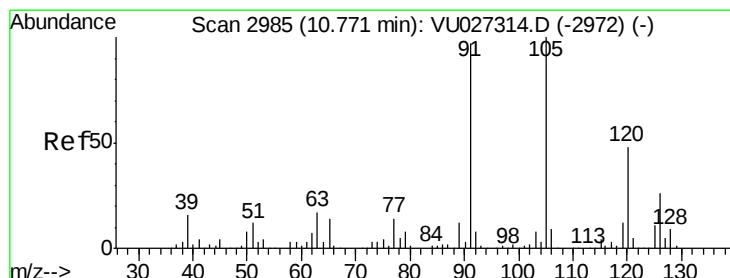
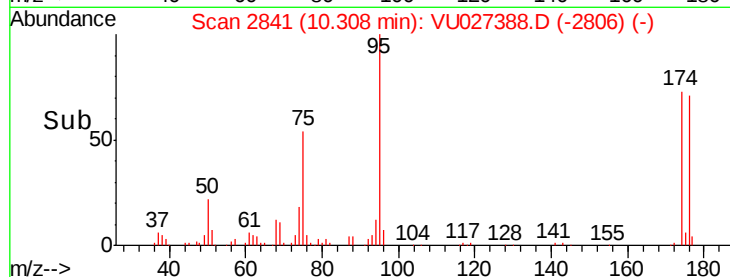
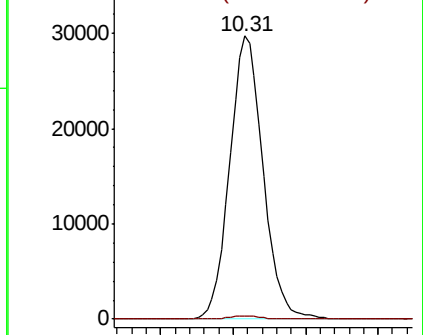
75 100

77 1.0 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027314.D (-2890) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.582 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027388.D

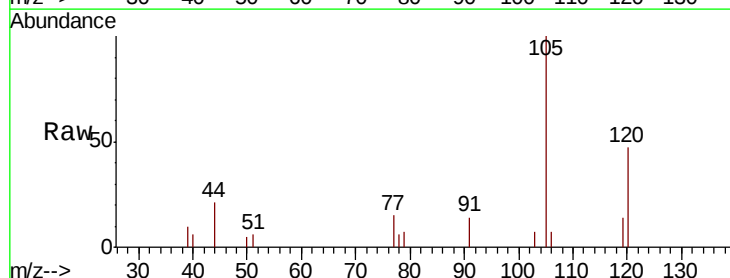
Acq: 04 Oct 2018 04:04

Tgt Ion: 105 Resp: 2848

Ion Ratio Lower Upper

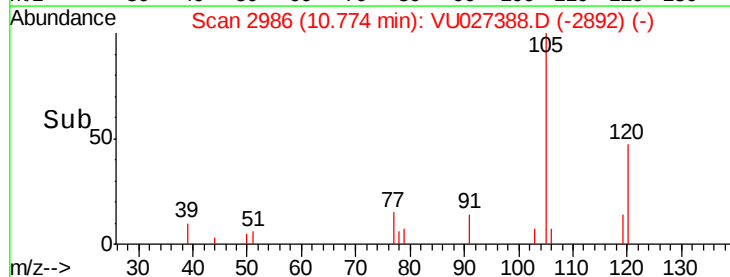
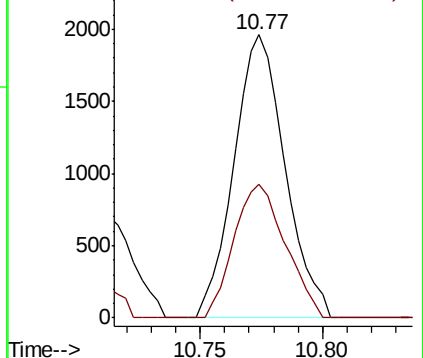
105 100

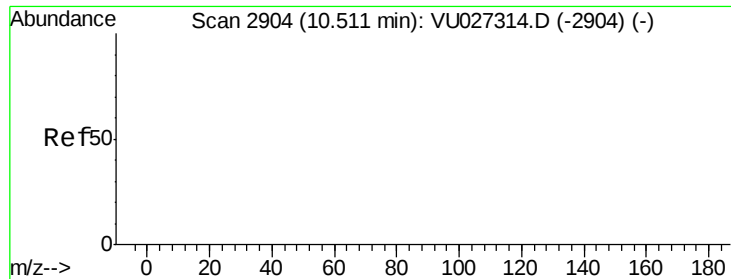
120 47.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027314.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 57.602 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

ClientSampleId :

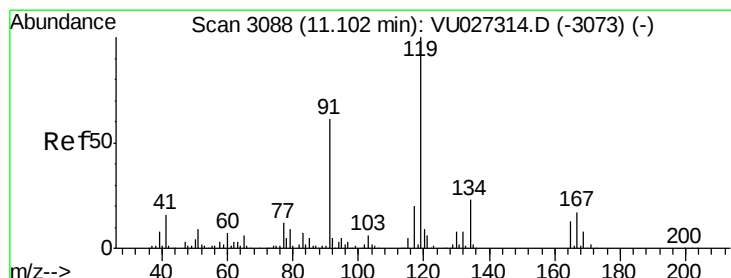
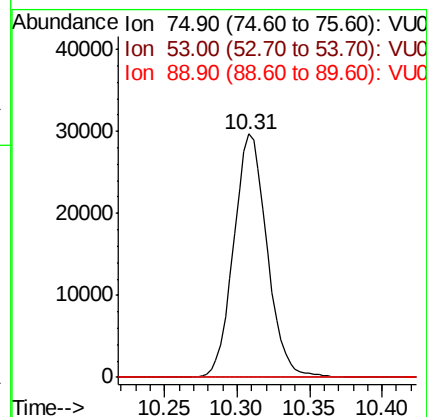
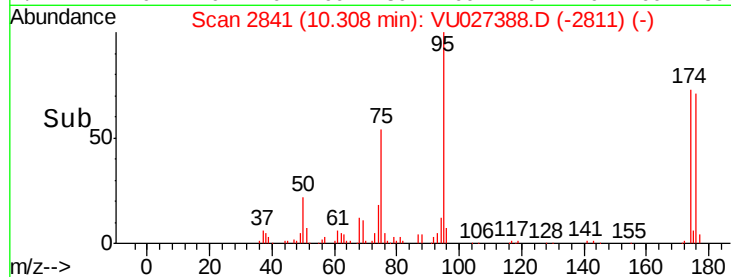
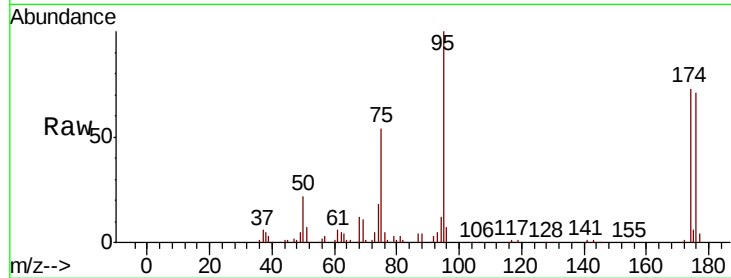
Tot Ion: 75 Resp: 47231

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#83

tert-Butylbenzene

Concen: 0.226 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.04 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

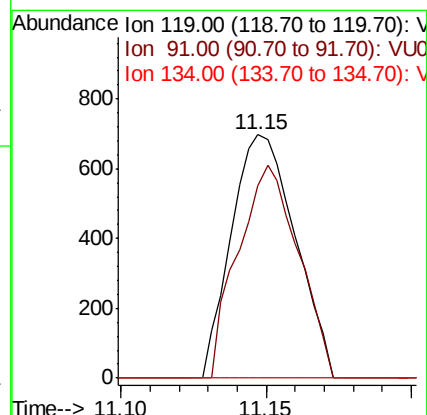
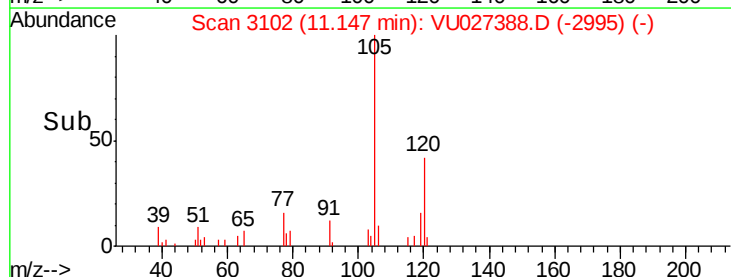
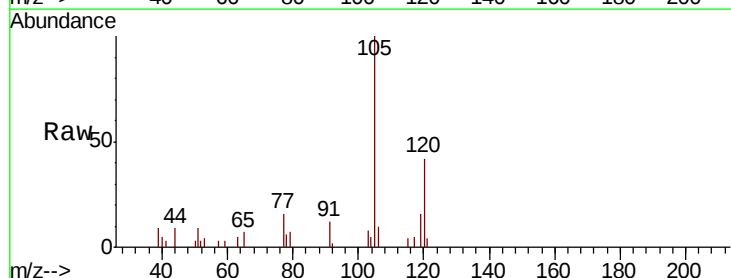
Tgt Ion: 119 Resp: 1068

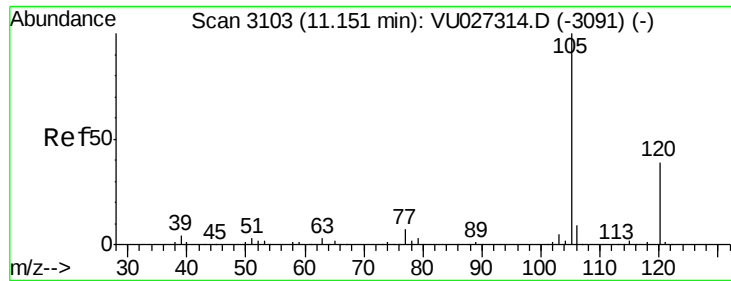
Ion Ratio Lower Upper

119 100

91 82.6 30.3 91.0

134 0.0 11.5 34.4#

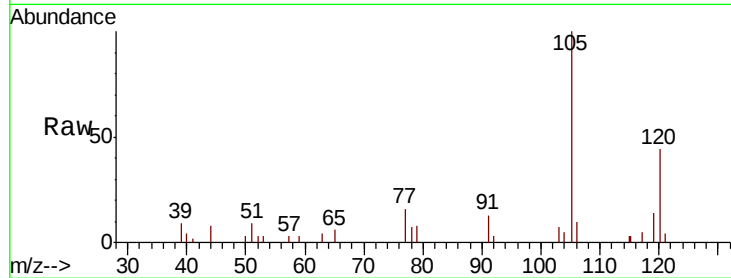




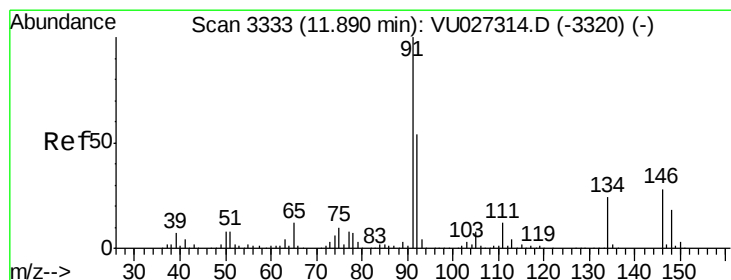
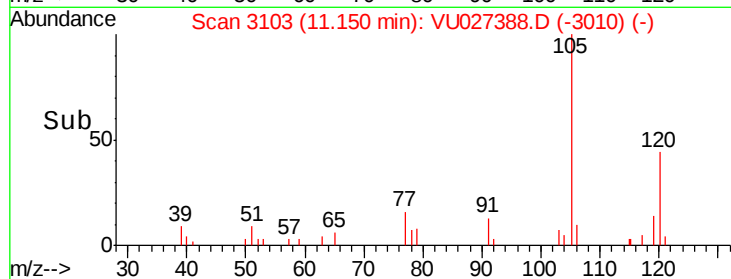
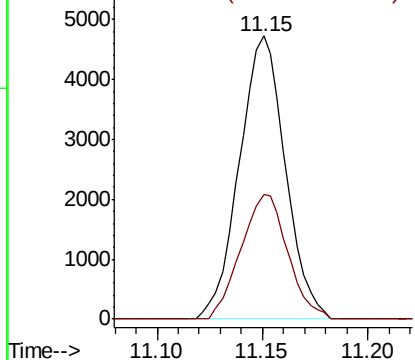
#84
 1,2,4-Trimethylbenzene
 Concen: 1.430 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:105 Resp: 7148
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.1 66.5

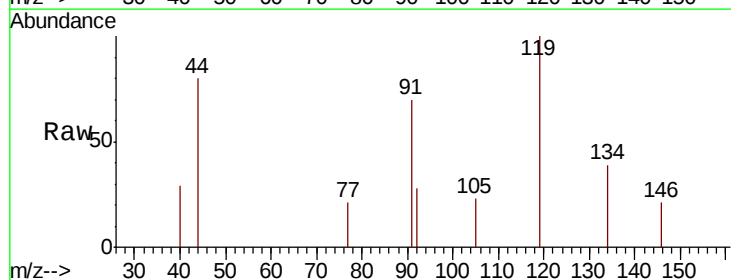


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

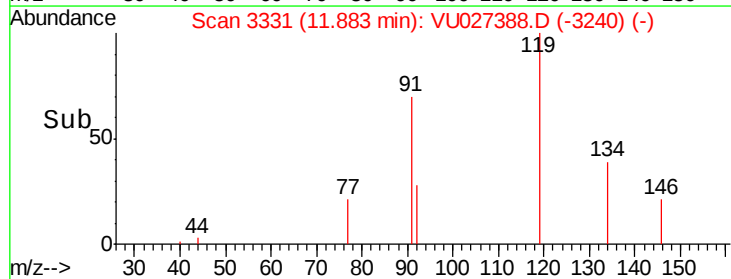
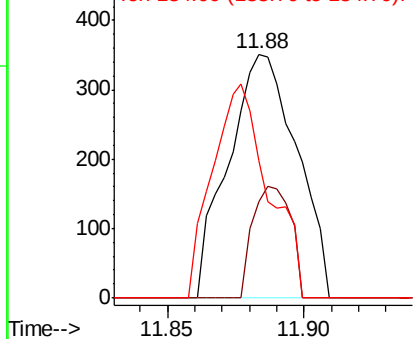


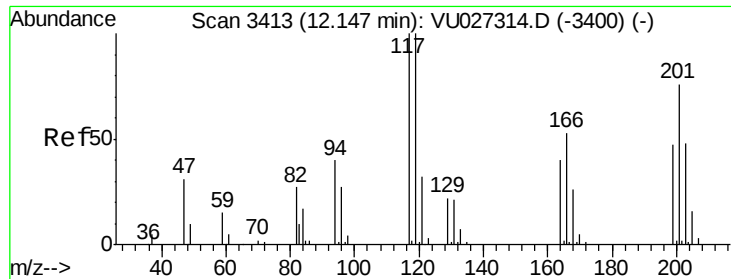
#89
 n-Butylbenzene
 Concen: 2.058 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. -0.01 min
 Lab File: VU027388.D
 Acq: 04 Oct 2018 04:04

Tgt Ion: 91 Resp: 612
 Ion Ratio Lower Upper
 91 100
 92 25.2 27.0 81.0#
 134 71.9 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

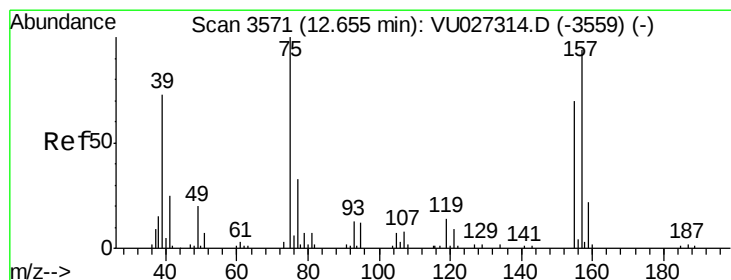
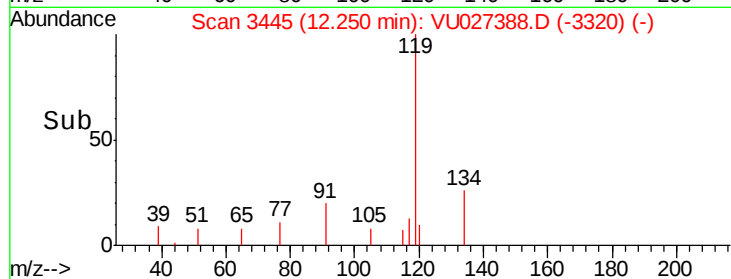
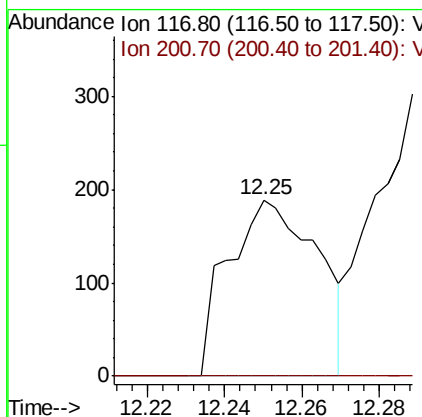
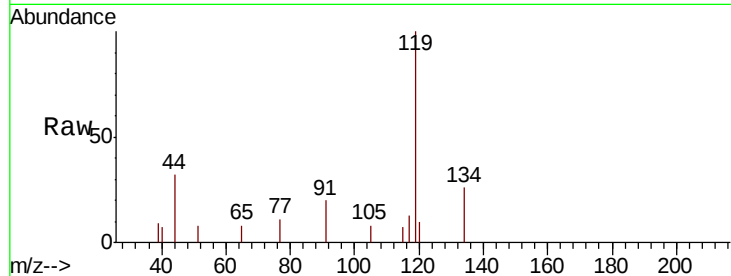




#90
Hexachloroethane
Concen: 0.316 ug/l
RT: 12.25 min Scan# 3445
Delta R.T. 0.10 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

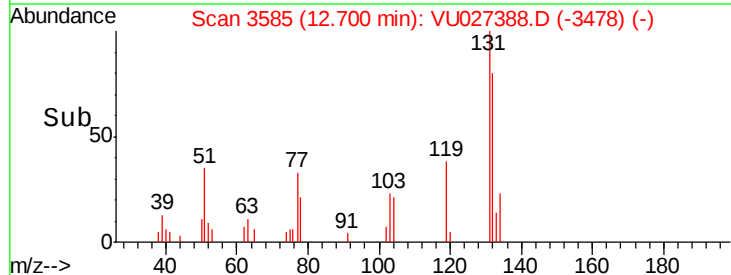
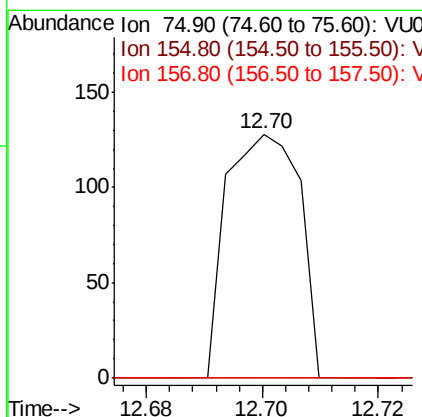
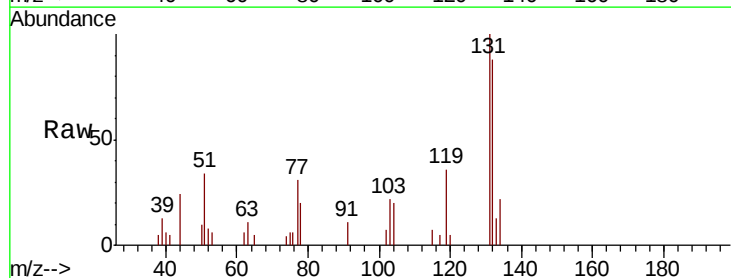
Instrument :
MSVOA_U
ClientSampled :

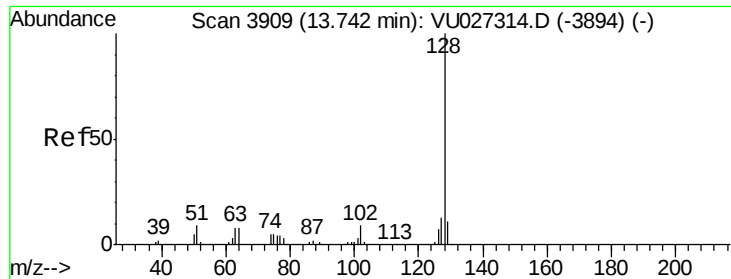
Tot Ion:117 Resp: 304
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.212 ug/l
RT: 12.70 min Scan# 3585
Delta R.T. 0.04 min
Lab File: VU027388.D
Acq: 04 Oct 2018 04:04

Tgt Ion: 75 Resp: 111
Ion Ratio Lower Upper
75 100
155 0.0 35.9 107.8#
157 0.0 46.9 140.6#





#95

Naphthalene

Concen: 70.858 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027388.D

Acq: 04 Oct 2018 04:04

Instrument :

MSVOA_U

ClientSampleId :

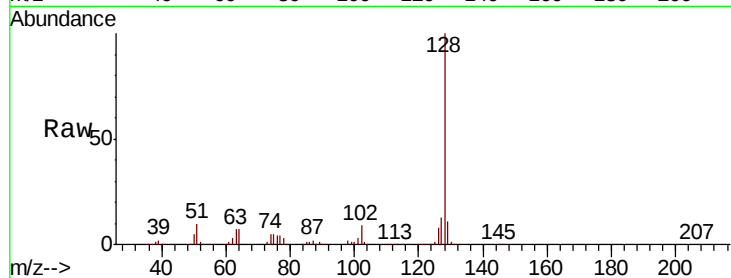
Tot Ion:128 Resp: 447957

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

