

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112718\
 Data File : VU028345.D
 Acq On : 27 Nov 2018 19:01
 Operator : MD/SY
 Sample : J6028-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 12:48:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	209602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	398147	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	359776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	139459	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	190467	61.12	ug/l	0.00
Spiked Amount			Recovery	=	122.24%	
35) Dibromofluoromethane	4.88	113	134273	53.49	ug/l	0.00
Spiked Amount			Recovery	=	106.98%	
50) Toluene-d8	7.56	98	533328	55.00	ug/l	0.00
Spiked Amount			Recovery	=	110.00%	
62) 4-Bromofluorobenzene	10.31	95	172433	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3391	1.053	ug/l #	88
5) Bromomethane	1.62	94	512	0.480	ug/l #	39
10) Methyl Iodide	2.41	142	121	7.810	ug/l #	40
11) Tert butyl alcohol	2.83	59	1078	1.307	ug/l #	73
13) Acrolein	2.19	56	390	Below Cal	#	1
14) Allyl chloride	2.70	41	71940	13.399	ug/l #	28
16) Acetone	2.32	43	19347	10.007	ug/l	95
17) Carbon Disulfide	2.48	76	2055	0.286	ug/l #	94
18) Methyl Acetate	2.62	43	2082	0.391	ug/l #	82
20) Methylene Chloride	2.70	84	1381933	489.534	ug/l	94
25) 2-Butanone	4.28	43	1236	0.402	ug/l #	74
28) Bromochloromethane	4.55	49	1065	0.411	ug/l #	93
29) Tetrahydrofuran	4.66	42	827	0.403	ug/l #	63
30) Chloroform	4.68	83	4526	0.894	ug/l	90
31) Cyclohexane	4.98	56	5772	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	19650	4.712	ug/l #	49
38) Carbon Tetrachloride	4.98	117	22719	6.148	ug/l #	15
40) Benzene	5.39	78	16536	1.297	ug/l	99
43) Isopropyl Acetate	5.55	43	19072	1.992	ug/l	96
45) 1,2-Dichloropropane	6.70	63	1503	0.409	ug/l #	44
47) Bromodichloromethane	6.76	83	1223	0.300	ug/l #	77
48) Methyl methacrylate	6.70	41	124239	26.485	ug/l #	47
49) 1,4-Dioxane	6.70	88	90	1.176	ug/l #	1
51) 4-Methyl-2-Pentanone	7.42	43	84226	13.175	ug/l #	47
52) Toluene	7.64	92	99124	13.225	ug/l	98
53) t-1,3-Dichloropropene	7.89	75	169	1.151	ug/l #	43
54) cis-1,3-Dichloropropene	7.42	75	33692	6.710	ug/l #	59
57) 1,3-Dichloropropane	8.41	76	8337	1.501	ug/l #	43
59) 2-Hexanone	8.31	43	12583	2.545	ug/l #	26
67) Ethyl Benzene	9.25	91	32016	2.288	ug/l	100
68) m/p-Xylenes	9.37	106	37927	7.471	ug/l	96
69) o-Xylene	9.78	106	19430	3.790	ug/l	100
70) Styrene	9.78	104	1799	0.220	ug/l #	1
73) Isopropylbenzene	10.17	105	2194	0.203	ug/l	90

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

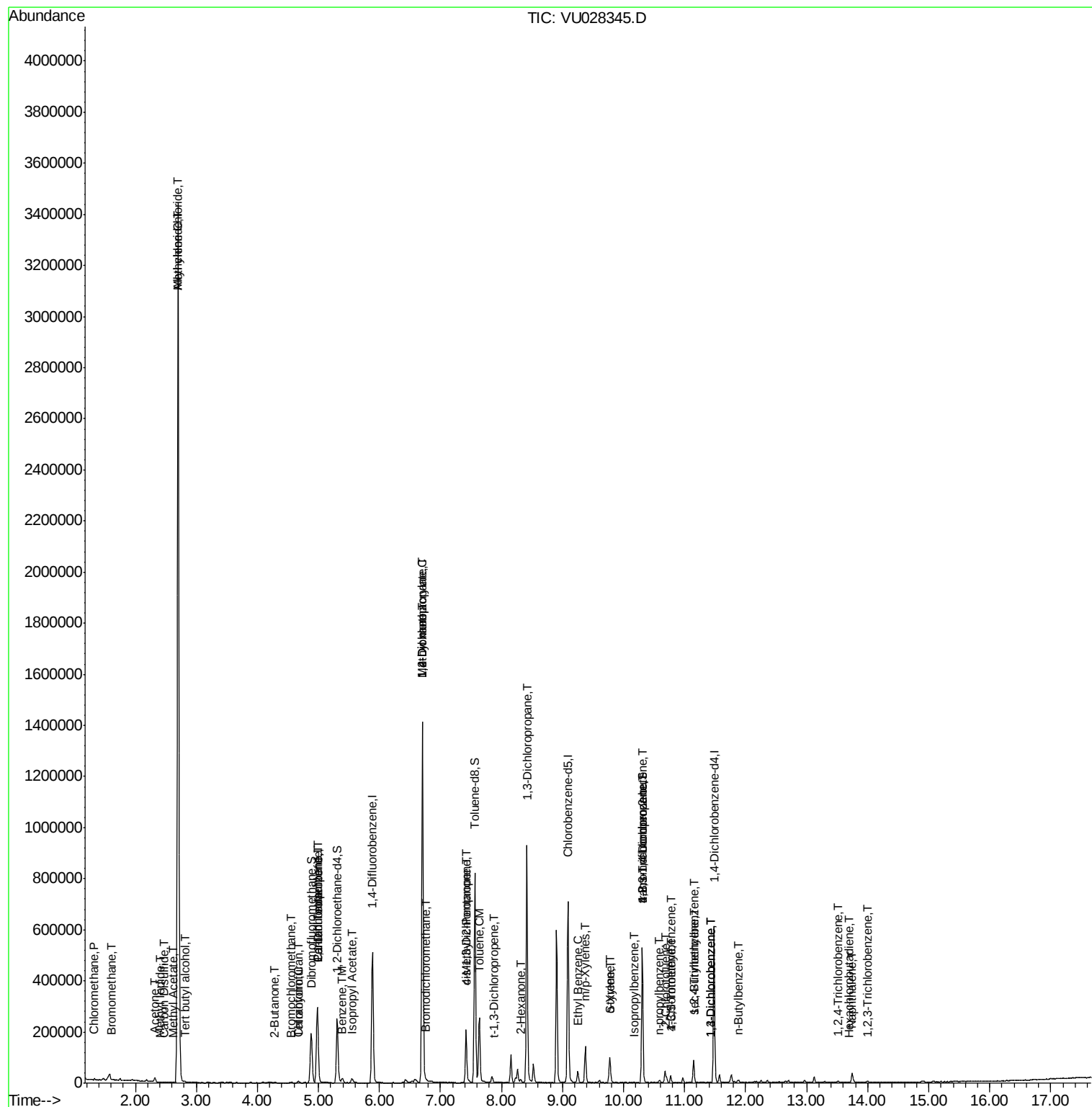
76) 1,2,3-Trichloropropane	10.31	75	93587	24.534	ug/l #	35
78) n-propylbenzene	10.59	91	8216	0.635	ug/l	94
79) 2-Chlorotoluene	10.68	91	5290	0.682	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	12837	1.434	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	93587	61.197	ug/l #	100
82) 4-Chlorotoluene	10.77	91	2699	0.307	ug/l #	69
84) 1,2,4-Trimethylbenzene	11.15	105	48318	5.362	ug/l	96
85) sec-Butylbenzene	11.15	105	48318	4.441	ug/l #	59
87) 1,3-Dichlorobenzene	11.42	146	962	0.210	ug/l	88
88) 1,4-Dichlorobenzene	11.42	146	962	0.205	ug/l	88
89) n-Butylbenzene	11.89	91	2883	0.333	ug/l #	60
93) 1,2,4-Trichlorobenzene	13.51	180	1488	1.139	ug/l	87
94) Hexachlorobutadiene	13.69	225	330	0.226	ug/l #	62
95) Naphthalene	13.75	128	30633	2.506	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	1478	0.479	ug/l	93

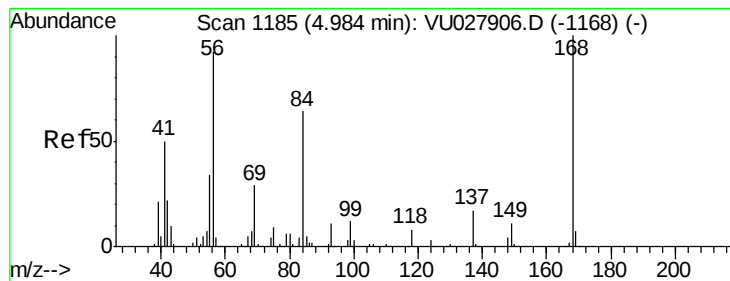
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

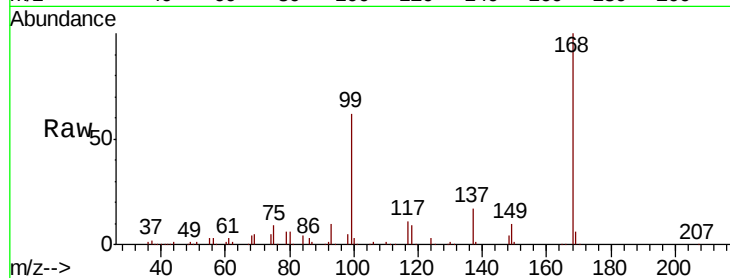
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 209602

Ion Ratio Lower Upper

168 100

99 62.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028345.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028345.D (-1168) (-)

4.98

100000

80000

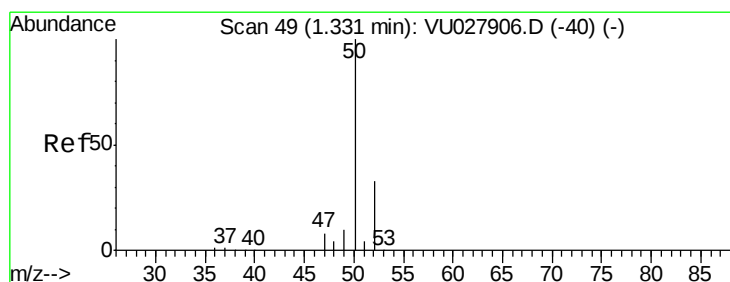
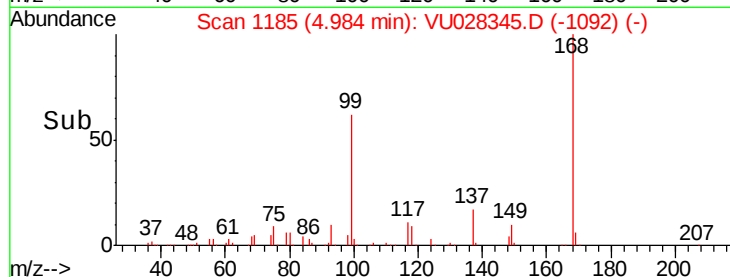
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.053 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028345.D

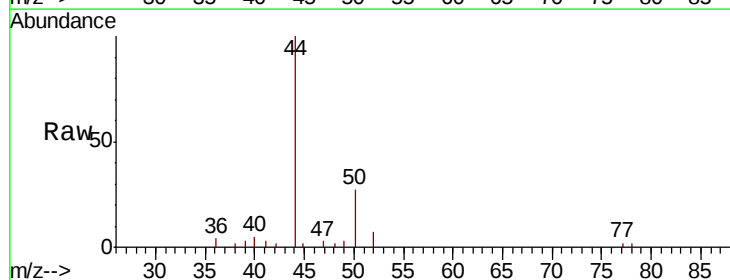
Acq: 27 Nov 2018 19:01

Tgt Ion: 50 Resp: 3391

Ion Ratio Lower Upper

50 100

52 26.2 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VU028345.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU028345.D (-1) (-)

1.33

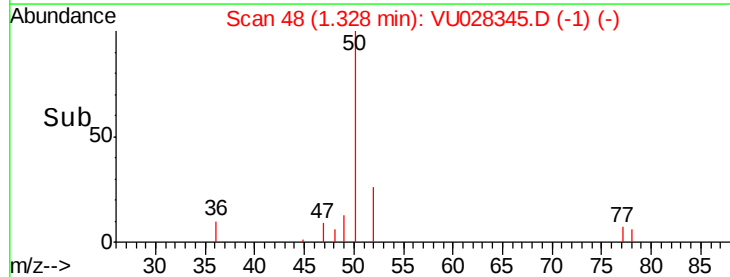
3000

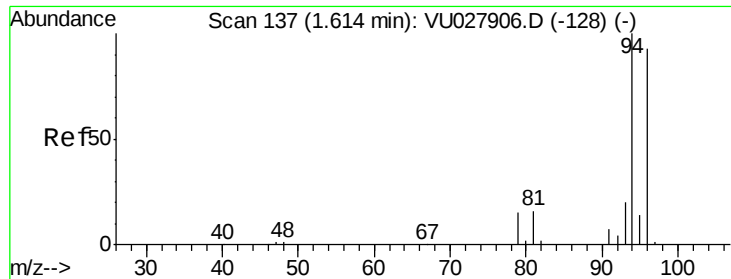
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.480 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :

MSVOA_U

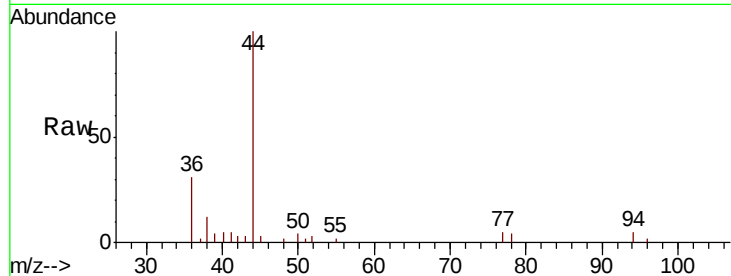
ClientSampleId :

Tot Ion: 94 Resp: 512

Ion Ratio Lower Upper

94 100

96 34.4 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

300

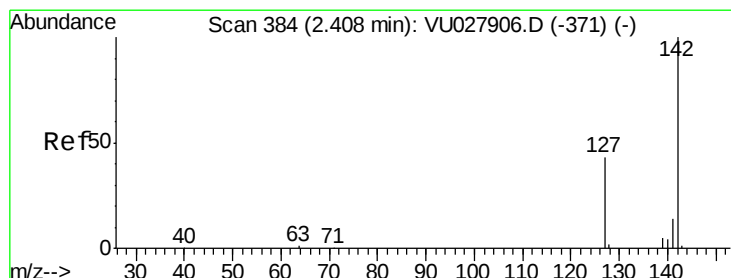
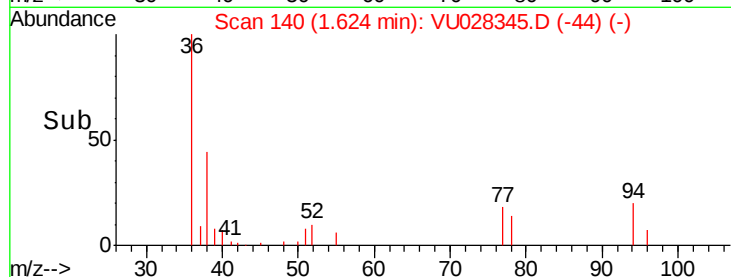
200

100

0

Time-->

1.60 1.62 1.64



#10

Methyl Iodide

Concen: 7.810 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

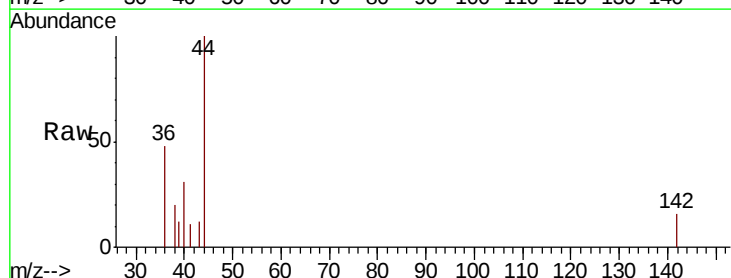
Tgt Ion: 142 Resp: 121

Ion Ratio Lower Upper

142 100

127 0.0 35.2 52.8#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

250

200

150

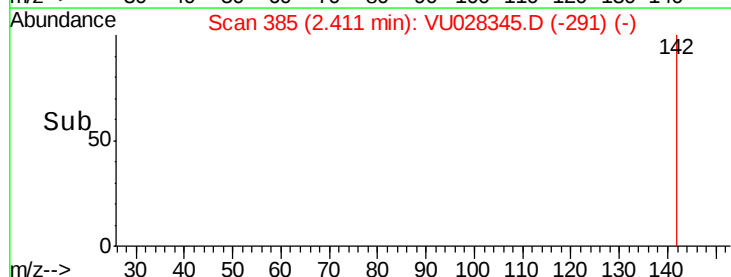
100

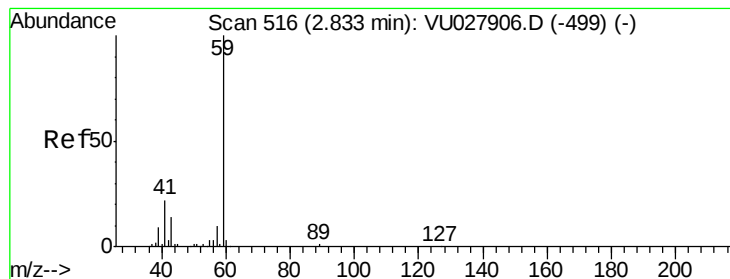
50

0

Time-->

2.40 2.41 2.42 2.43



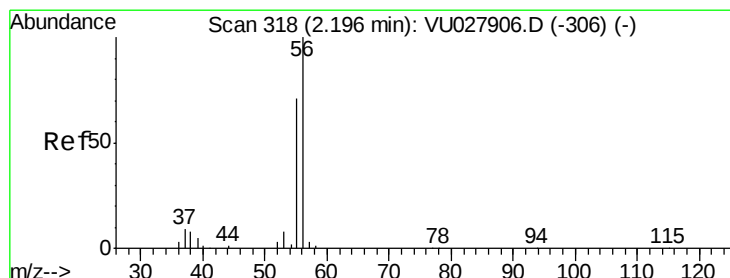
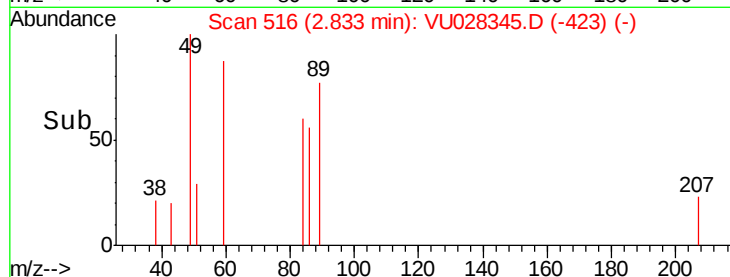
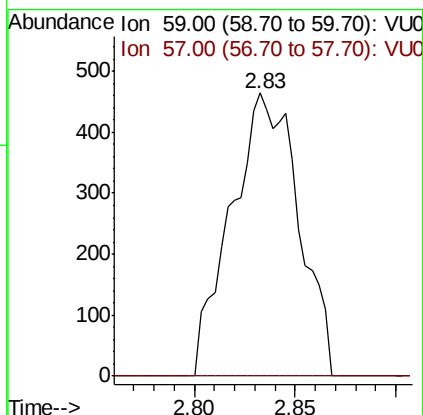
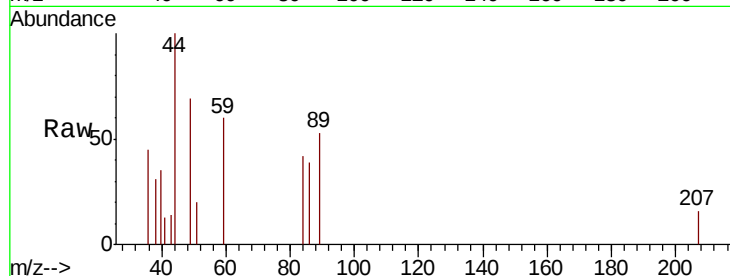


#11

Tert butyl alcohol
Concen: 1.307 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampled :

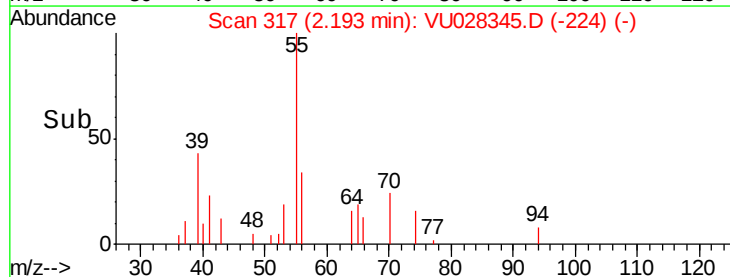
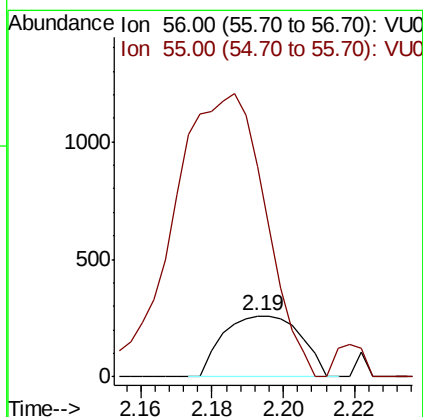
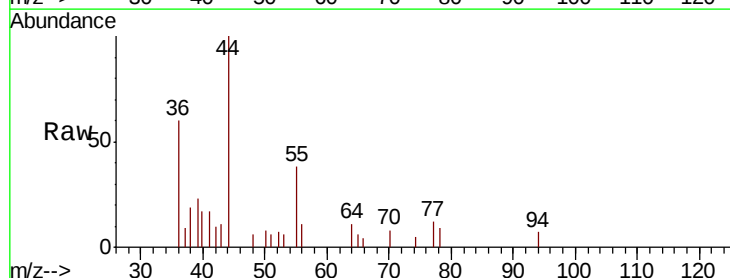
Tot Ion: 59 Resp: 1078
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

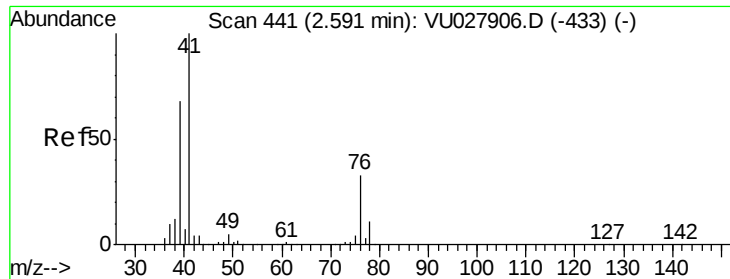


#13

Acrolein
Concen: Below Cal
RT: 2.19 min Scan# 317
Delta R.T. -0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion: 56 Resp: 390
Ion Ratio Lower Upper
56 100
55 542.3 56.2 84.4#

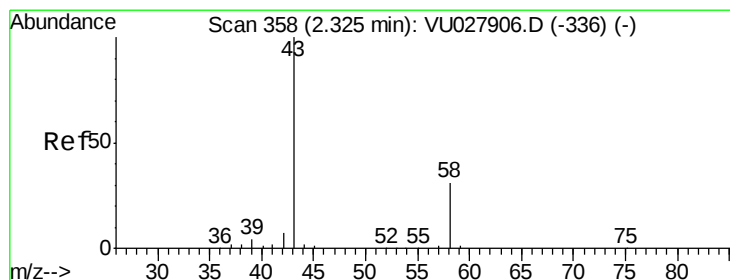
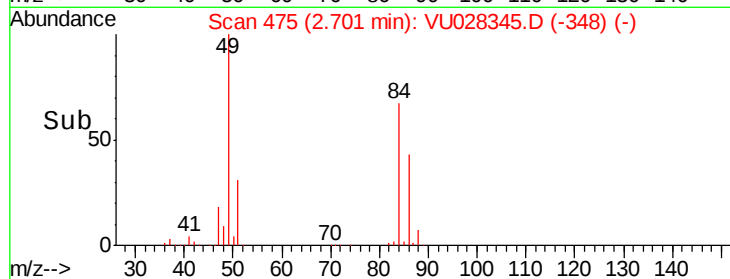
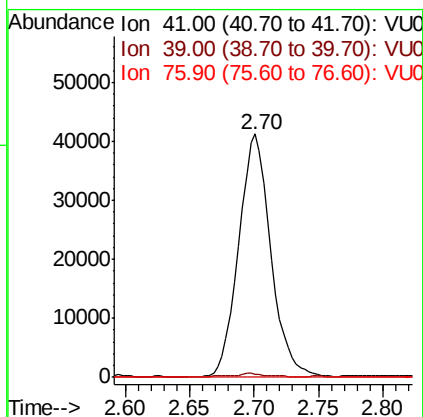
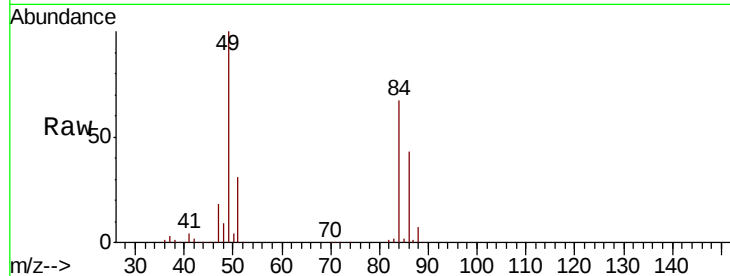




#14
Allvl chloride
Concen: 13.399 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

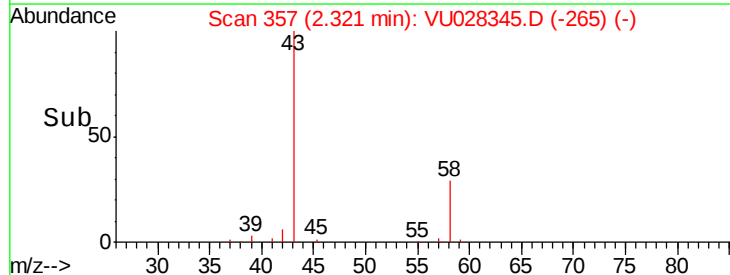
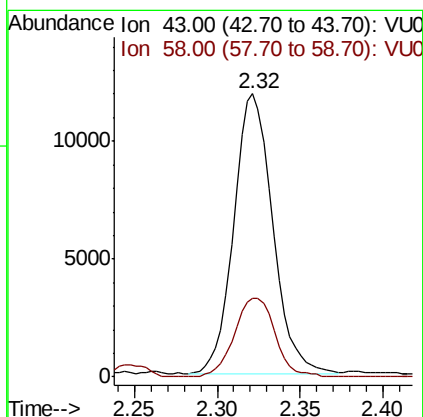
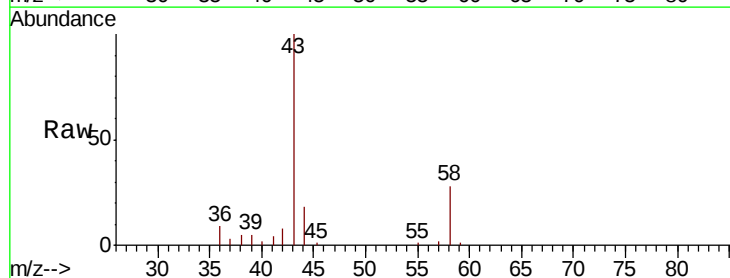
Instrument :
MSVOA_U
ClientSampleId :

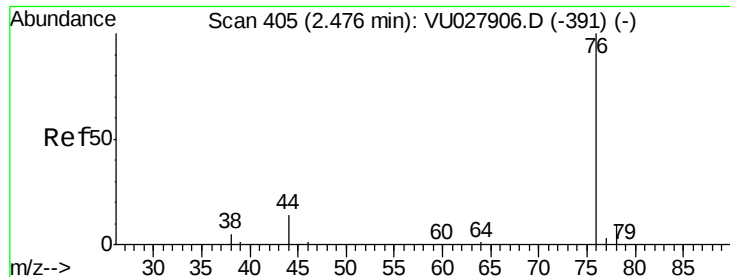
Tot Ion: 41 Resp: 71940
Ion Ratio Lower Upper
41 100
39 1.6 51.9 77.9#
76 0.0 23.8 35.6#



#16
Acetone
Concen: 10.007 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion: 43 Resp: 19347
Ion Ratio Lower Upper
43 100
58 28.2 24.6 37.0





#17

Carbon Disulfide

Concen: 0.286 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :

MSVOA_U

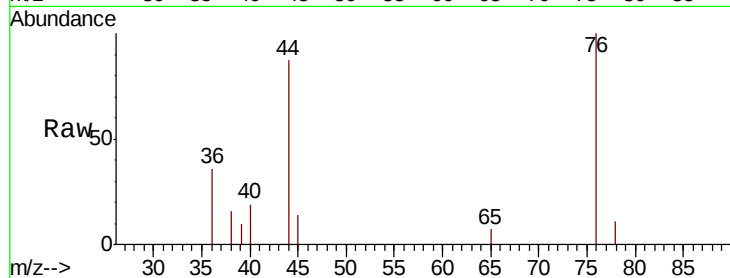
ClientSampled :

Tot Ion: 76 Resp: 2055

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VU027906.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VU027906.D (-391) (-)

2.48

1500

1000

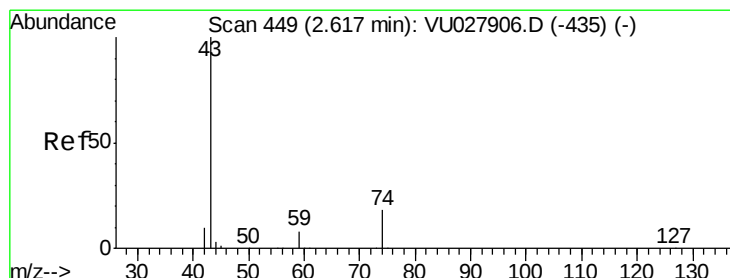
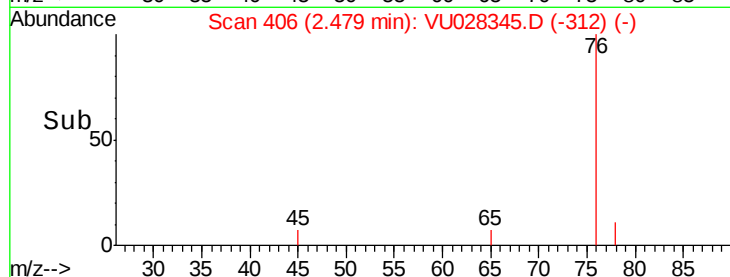
500

0

2.45

2.50

Time-->



#18

Methyl Acetate

Concen: 0.391 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU028345.D

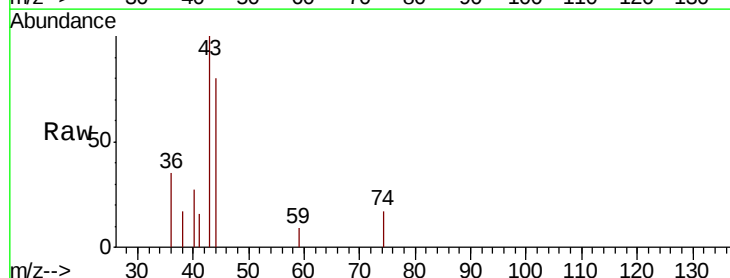
Acq: 27 Nov 2018 19:01

Tgt Ion: 43 Resp: 2082

Ion Ratio Lower Upper

43 100

74 10.8 14.9 22.3#



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-435) (-)

Ion 74.00 (73.70 to 74.70): VU027906.D (-435) (-)

3000

2000

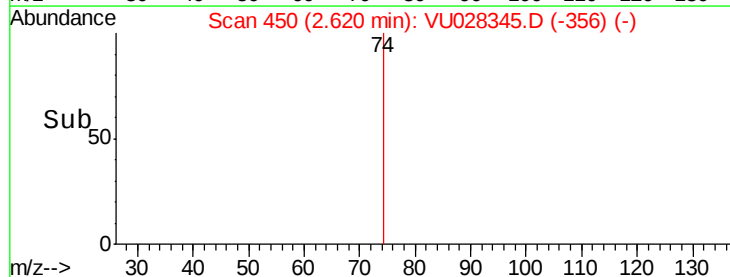
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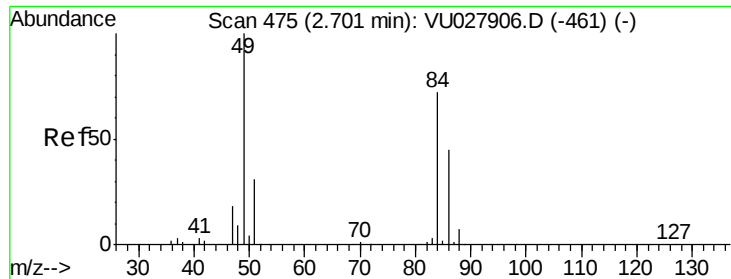
0

2.60

2.65

Time-->



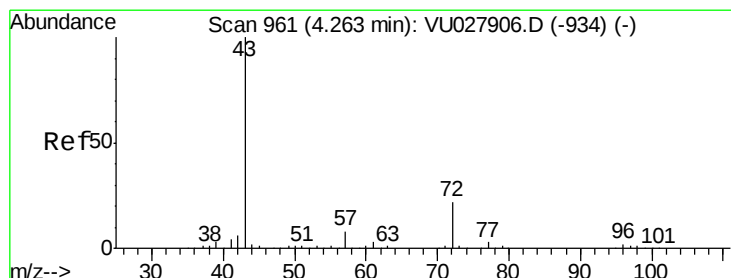
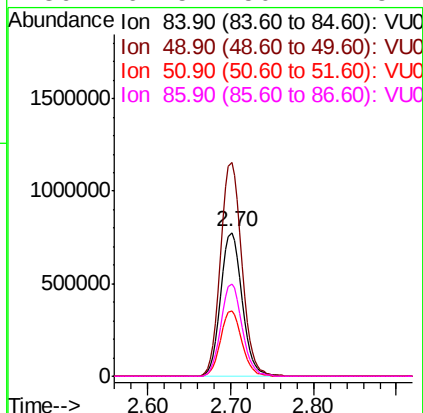
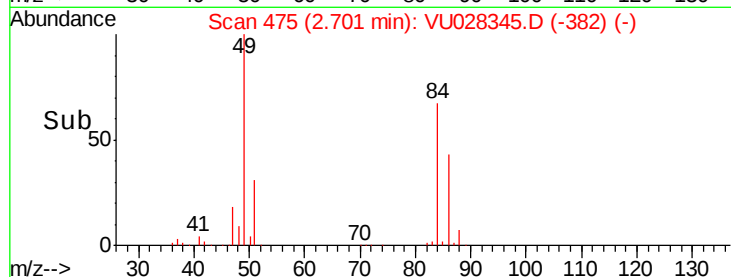
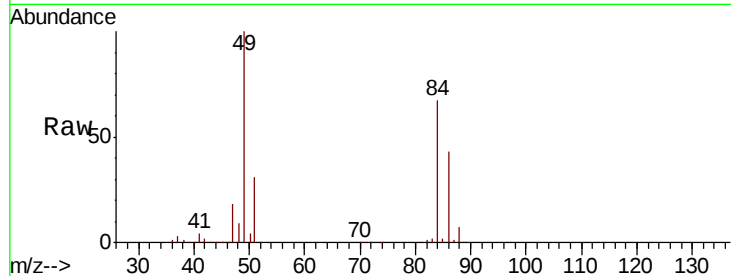


#20
Methvlene Chloride
Concen: 489.534 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 1381933

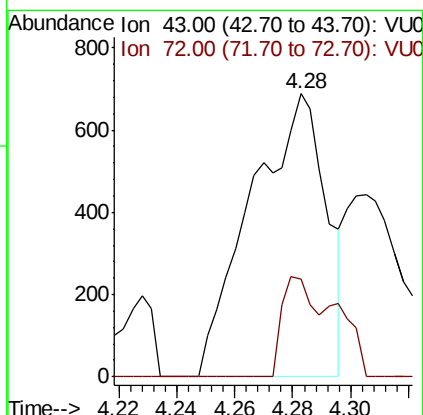
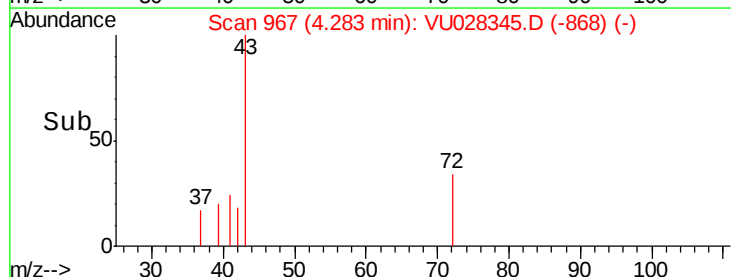
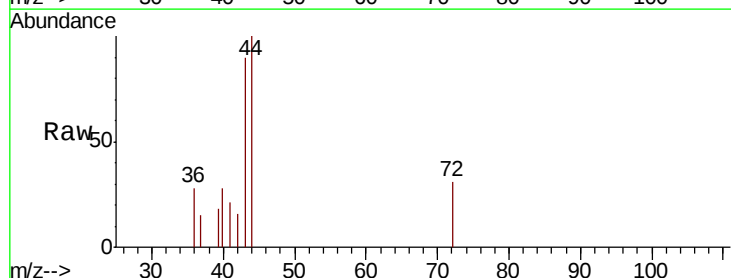
Ion	Ratio	Lower	Upper
84	100		
49	148.9	111.6	167.4
51	45.7	34.8	52.2
86	64.5	50.1	75.1

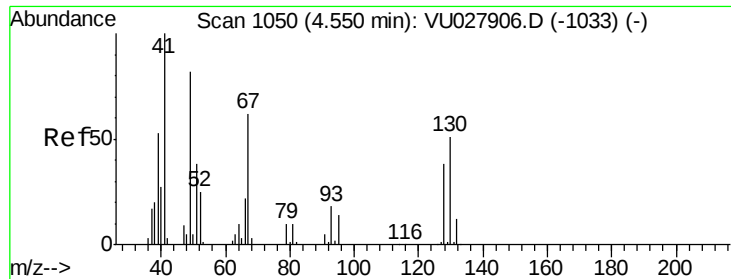


#25
2-Butanone
Concen: 0.402 ug/l
RT: 4.28 min Scan# 967
Delta R.T. 0.02 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion: 43 Resp: 1236

Ion	Ratio	Lower	Upper
43	100		
72	34.3	17.7	26.5#

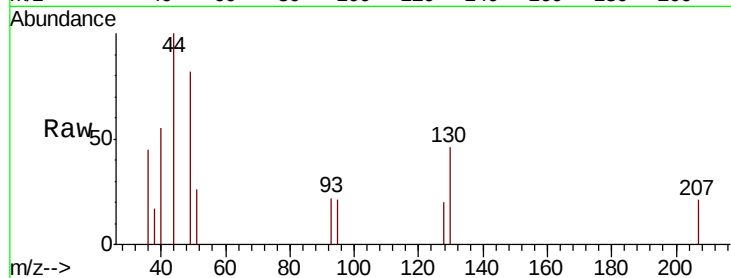




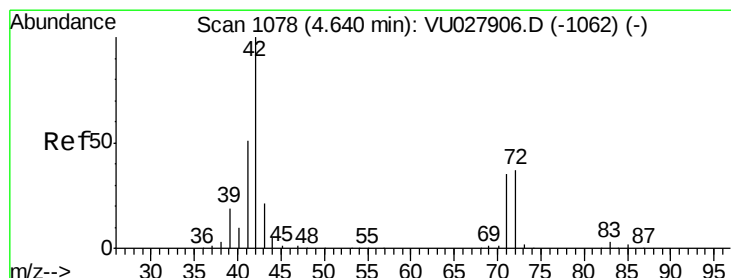
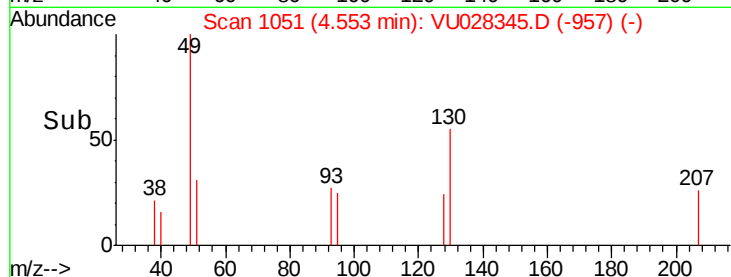
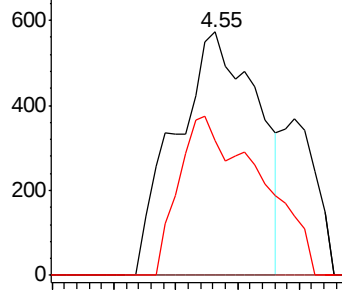
#28
Bromochloromethane
Concen: 0.411 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 49 Resp: 1065
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.0
130 64.9 47.8 71.6

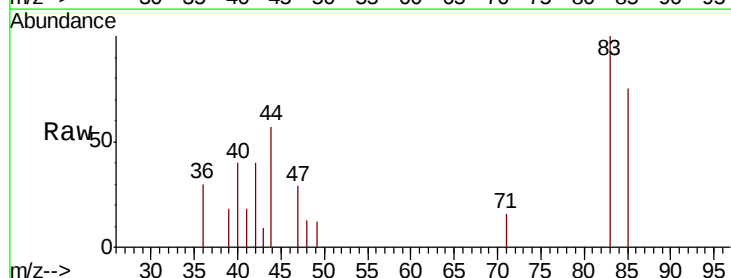


Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

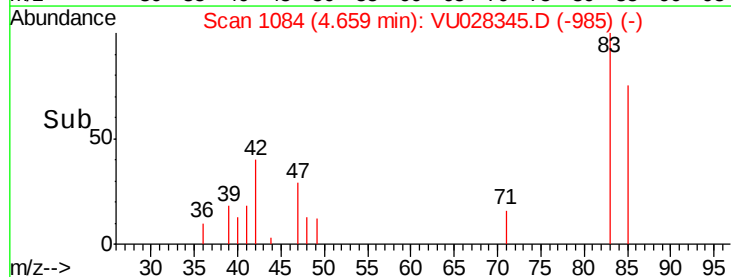
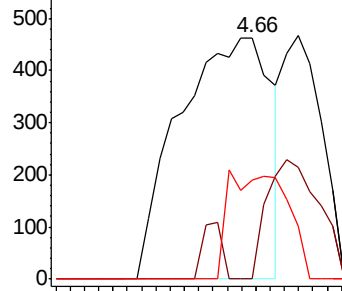


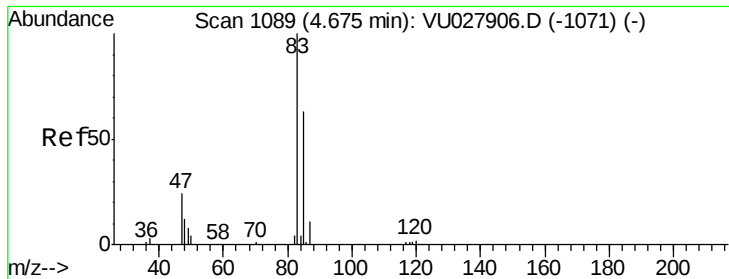
#29
Tetrahydrofuran
Concen: 0.403 ug/l
RT: 4.66 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion: 42 Resp: 827
Ion Ratio Lower Upper
42 100
72 27.9 29.4 44.0#
71 0.0 27.9 41.9#



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

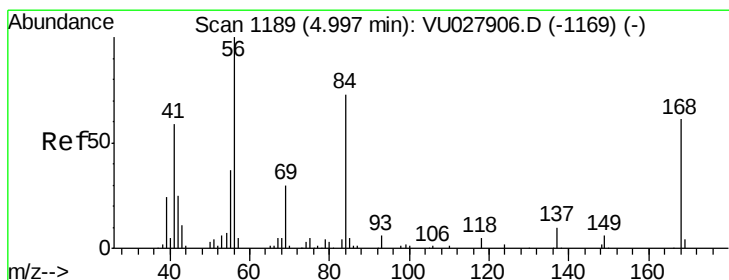
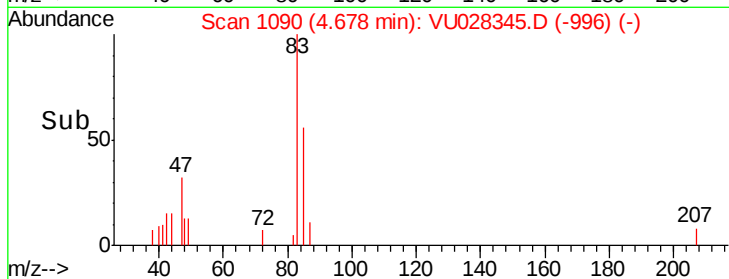
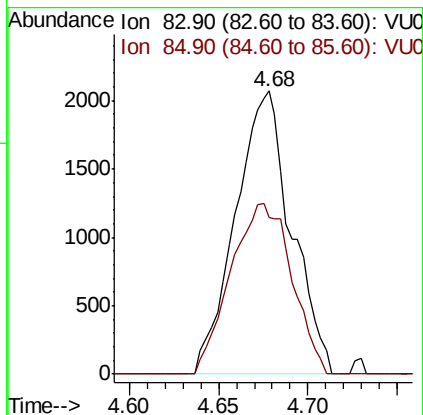
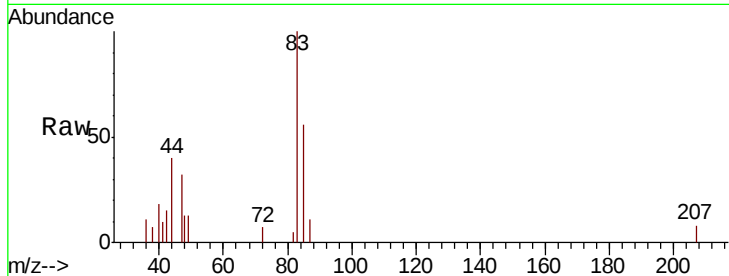




#30
Chloroform
Concen: 0.894 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

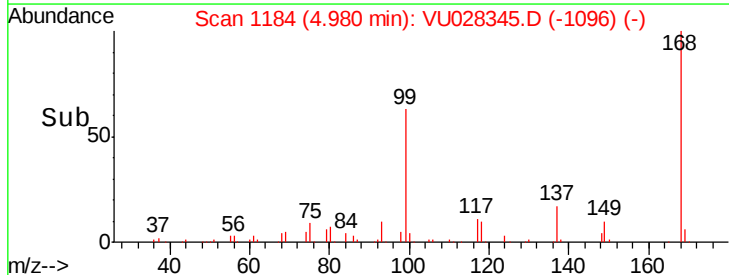
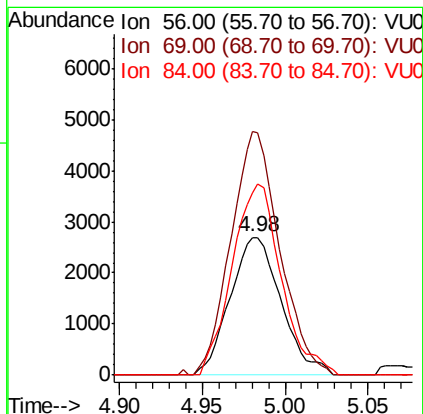
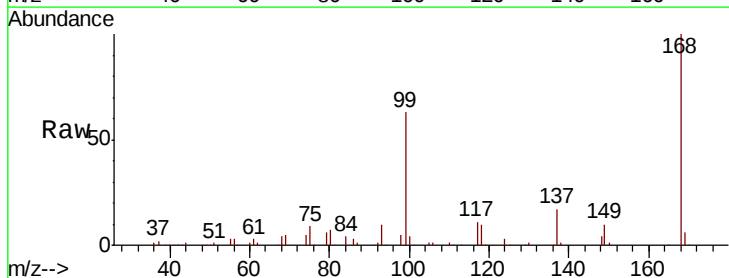
Instrument :
MSVOA_U
ClientSampleId :

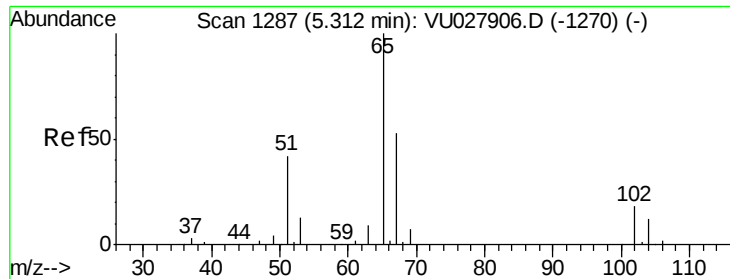
Tot Ion: 83 Resp: 4526
Ion Ratio Lower Upper
83 100
85 55.5 50.6 76.0



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion: 56 Resp: 5772
Ion Ratio Lower Upper
56 100
69 176.4 23.7 35.5#
84 131.7 58.2 87.4#

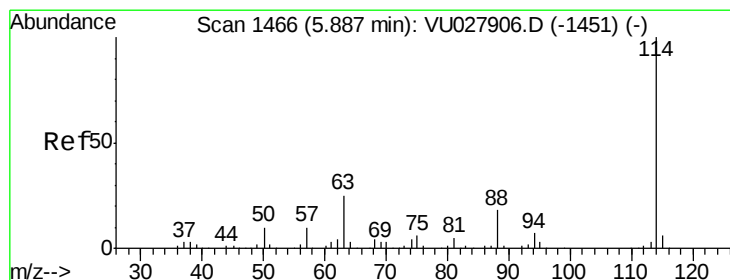
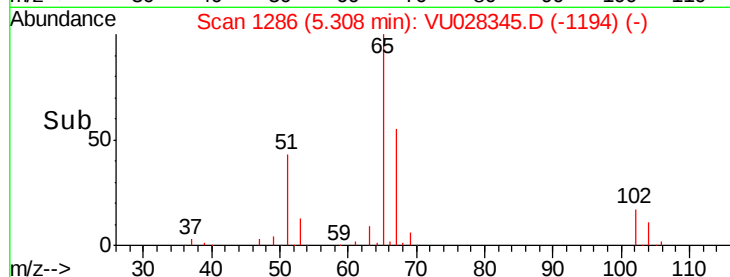
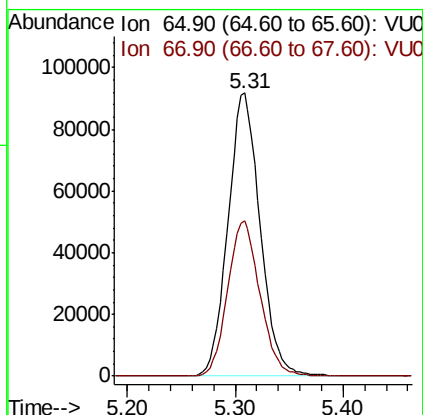
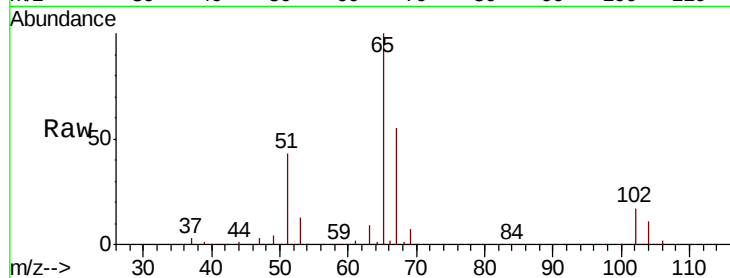




#33
 1,2-Dichloroethane-d4
 Concen: 61.120 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

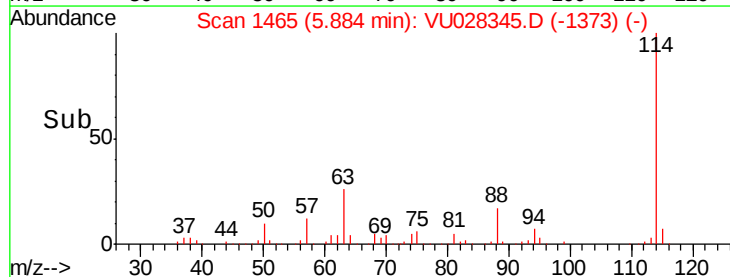
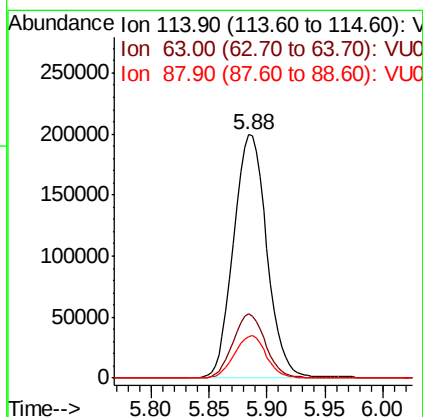
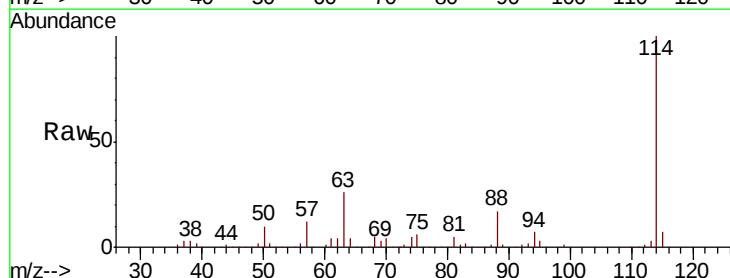
Instrument :
 MSVOA_U
 ClientSampled :

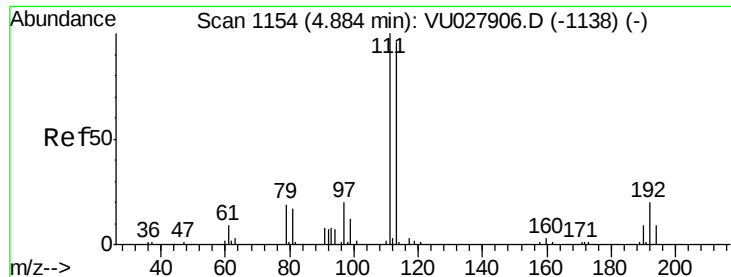
Tot Ion: 65 Resp: 190467
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Tgt Ion: 114 Resp: 398147
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 50.8
 88 17.1 0.0 35.8

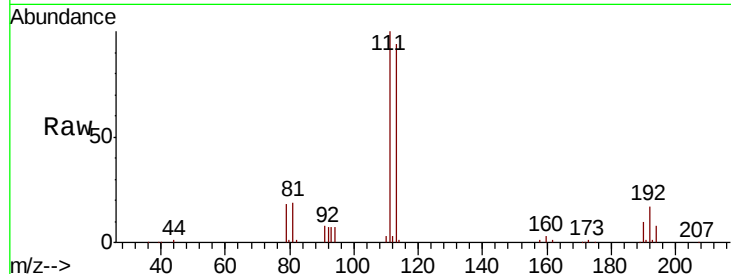




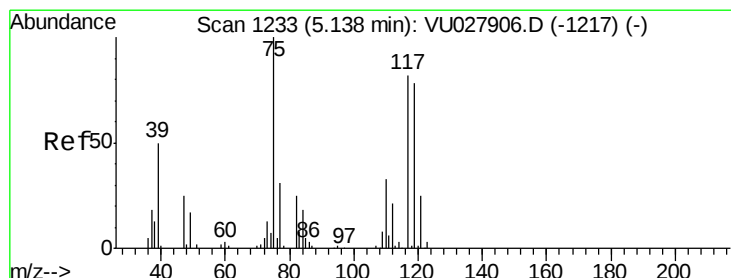
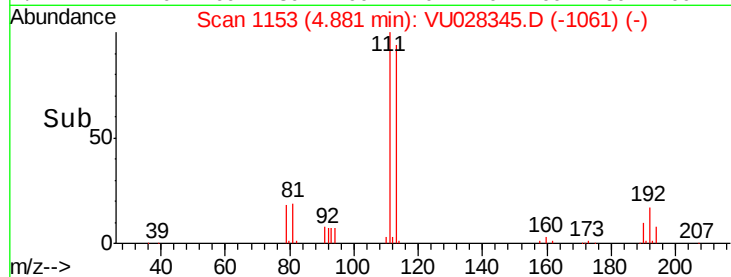
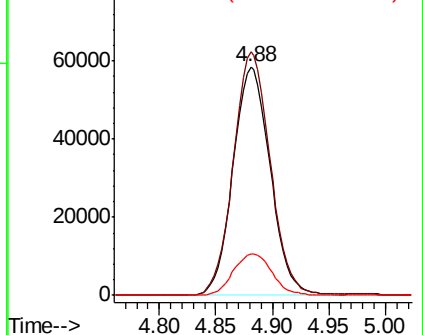
#35
 Dibromofluoromethane
 Concen: 53.487 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:113 Resp: 134273
 Ion Ratio Lower Upper
 113 100
 111 105.7 83.0 124.6
 192 18.7 15.6 23.4

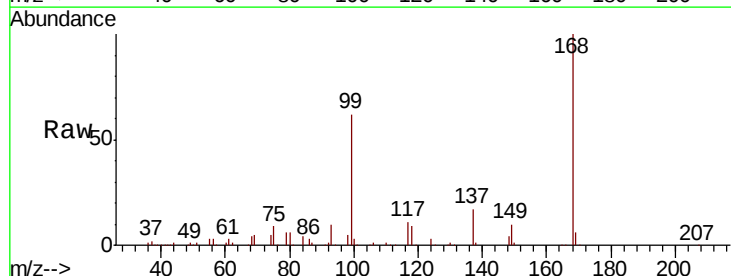


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

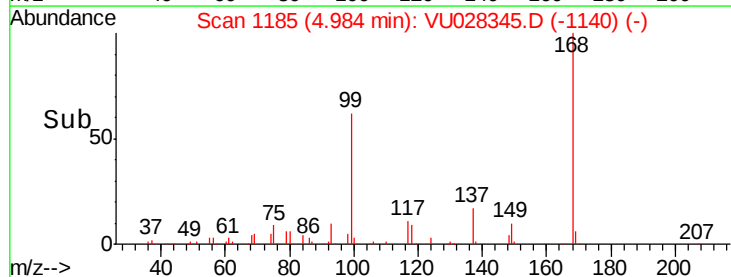
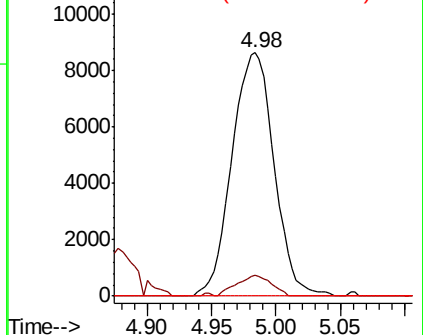


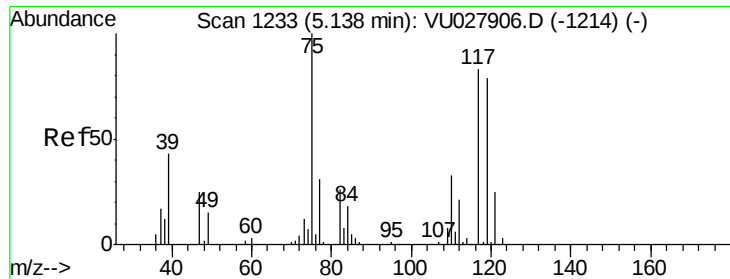
#36
 1,1-Dichloropropene
 Concen: 4.712 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Tgt Ion: 75 Resp: 19650
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.5 49.5#
 77 0.0 24.9 37.3#



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





#38

Carbon Tetrachloride

Concen: 6.148 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

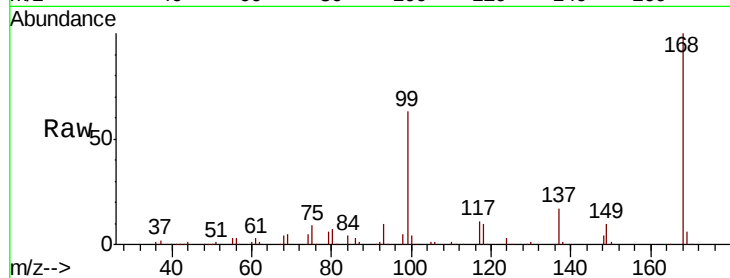
Tot Ion:117 Resp: 22719

Ion Ratio Lower Upper

117 100

119 3.8 76.0 114.0#

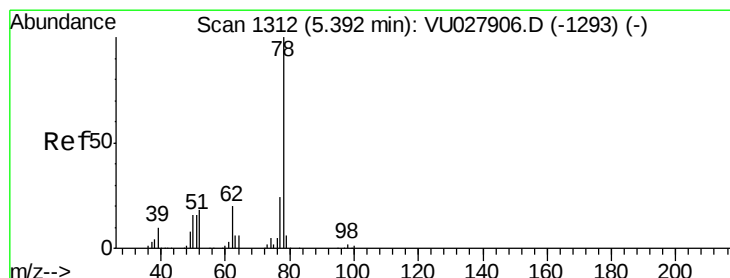
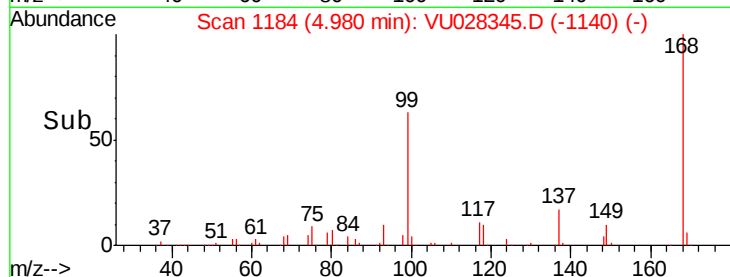
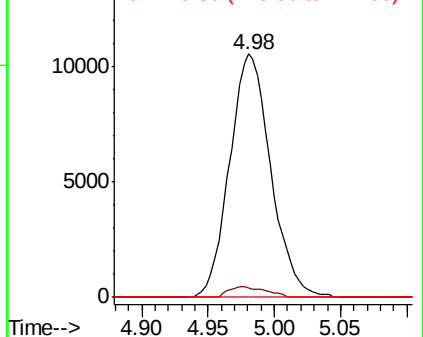
121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 1.297 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.01 min

Lab File: VU028345.D

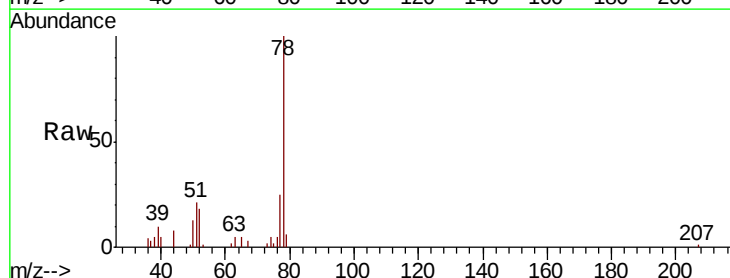
Acq: 27 Nov 2018 19:01

Tgt Ion: 78 Resp: 16536

Ion Ratio Lower Upper

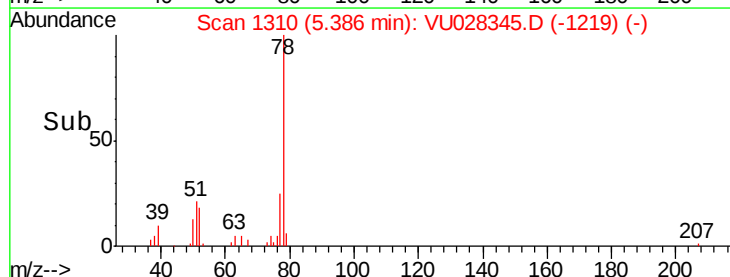
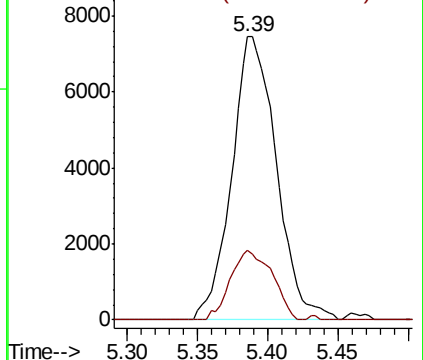
78 100

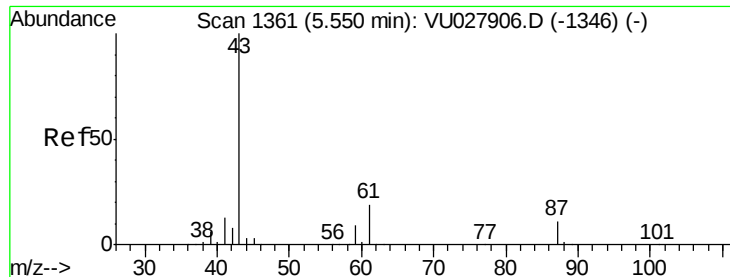
77 24.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#43

Isopropyl Acetate

Concen: 1.992 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampled :

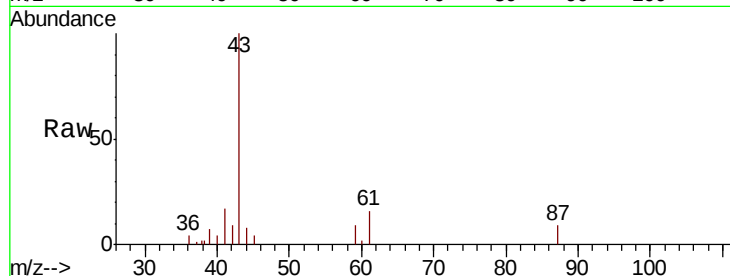
Tot Ion: 43 Resp: 19072

Ion Ratio Lower Upper

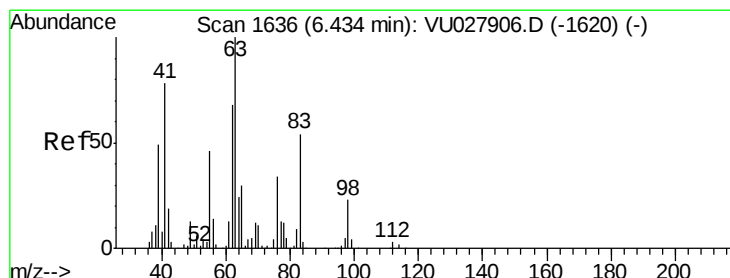
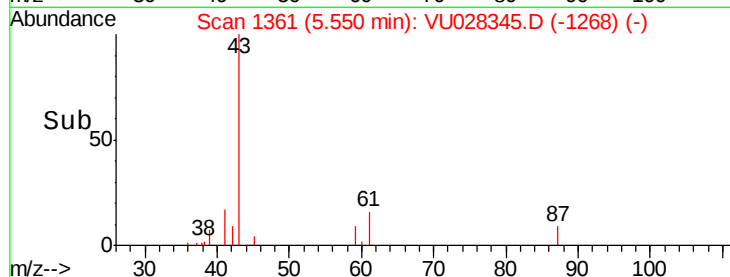
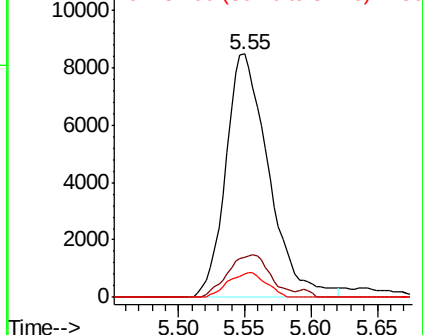
43 100

61 17.4 15.0 22.4

87 9.0 8.6 12.8



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



#45

1,2-Dichloropropane

Concen: 0.409 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.27 min

Lab File: VU028345.D

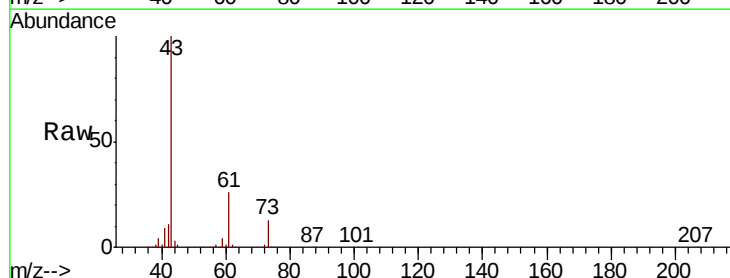
Acq: 27 Nov 2018 19:01

Tgt Ion: 63 Resp: 1503

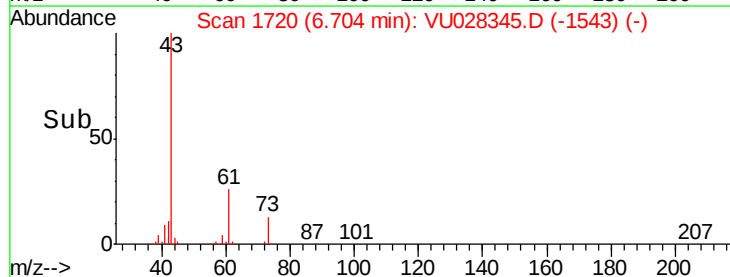
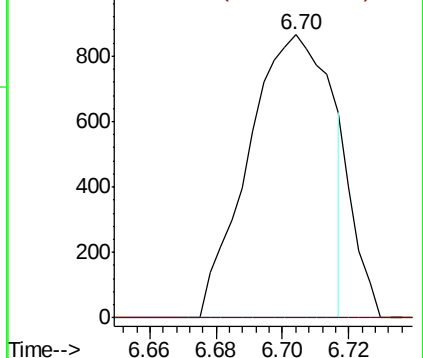
Ion Ratio Lower Upper

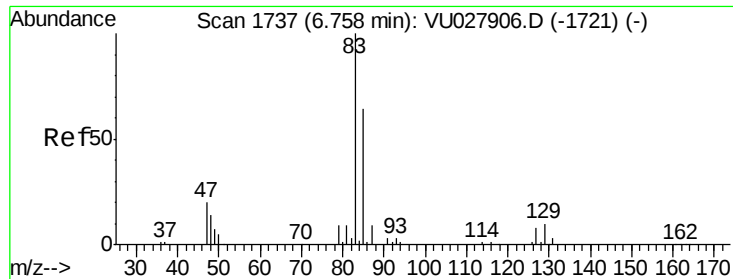
63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 64.90 (64.60 to 65.60): VU0





#47

Bromodichloromethane

Concen: 0.300 ug/l

RT: 6.76 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

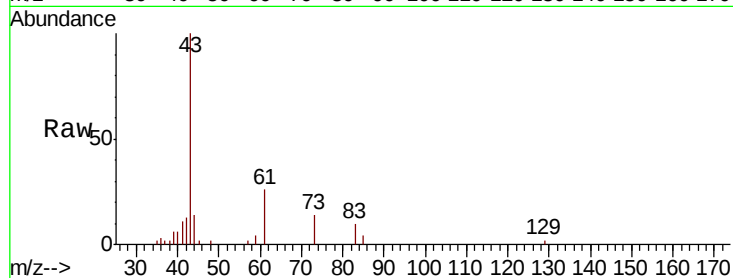
Tot Ion: 83 Resp: 1223

Ion Ratio Lower Upper

83 100

85 45.4 51.0 76.6#

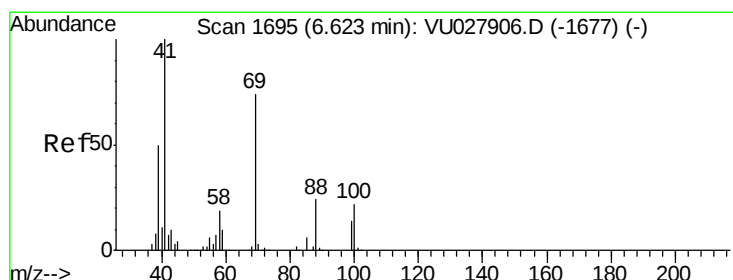
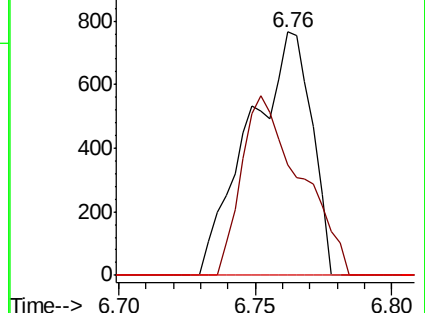
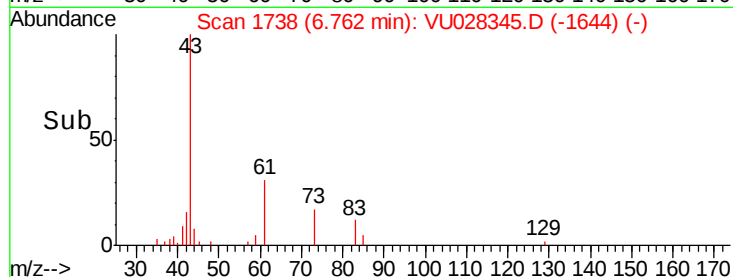
127 0.0 6.2 9.4#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 26.485 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

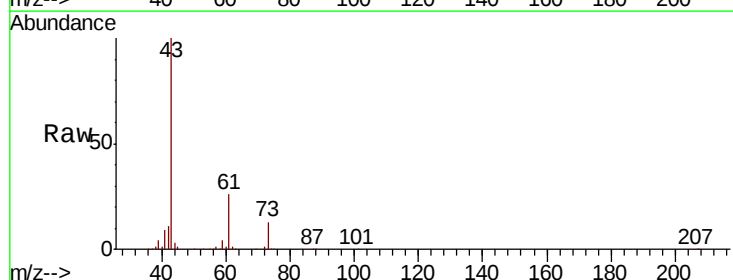
Tgt Ion: 41 Resp: 124239

Ion Ratio Lower Upper

41 100

69 0.1 59.8 89.8#

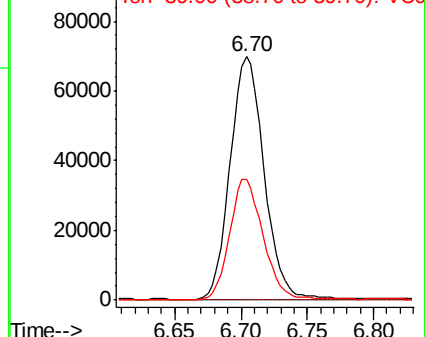
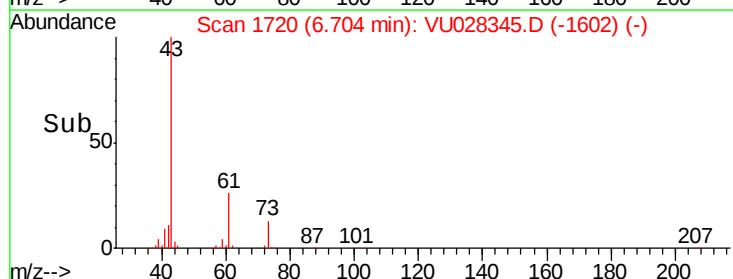
39 49.7 40.0 60.0

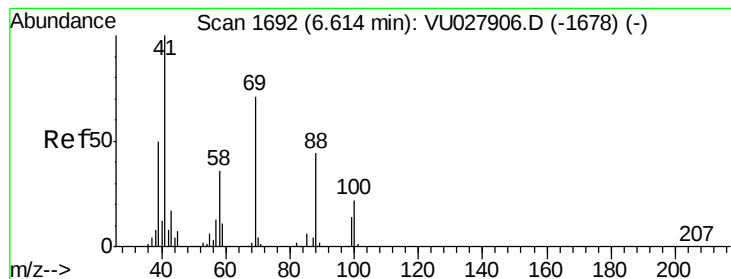


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#49

1,4-Dioxane

Concen: 1.176 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.09 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

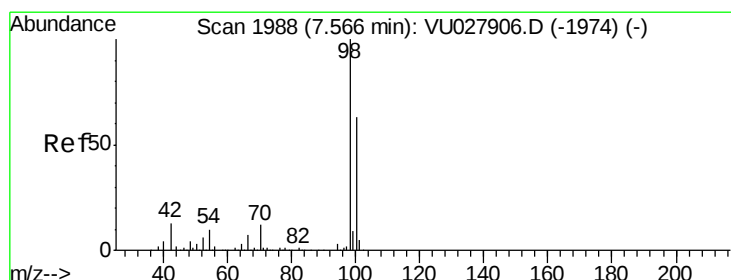
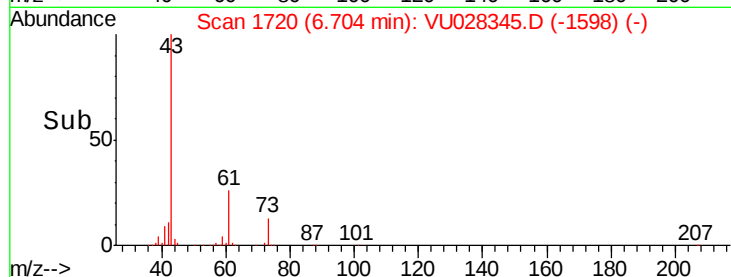
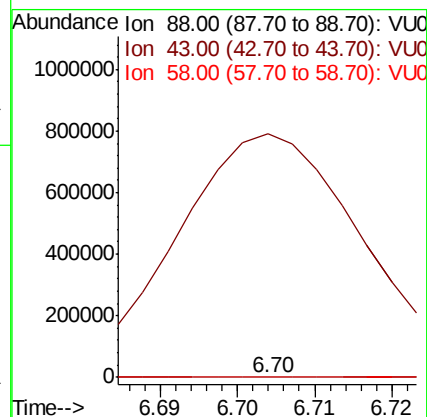
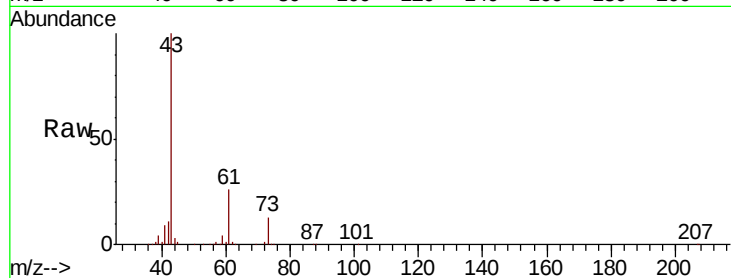
Tot Ion: 88 Resp: 90

Ion Ratio Lower Upper

88 100

43 1554341.1 30.5 45.7#

58 6037.8 67.1 100.7#



#50

Toluene-d8

Concen: 54.997 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028345.D

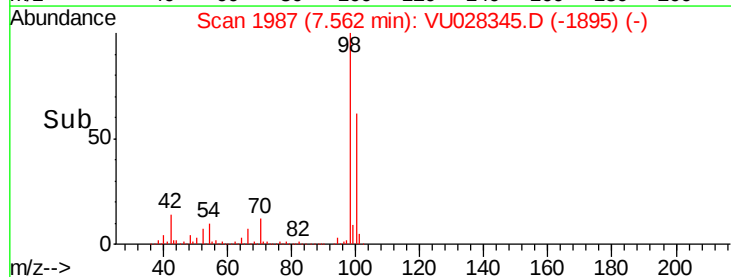
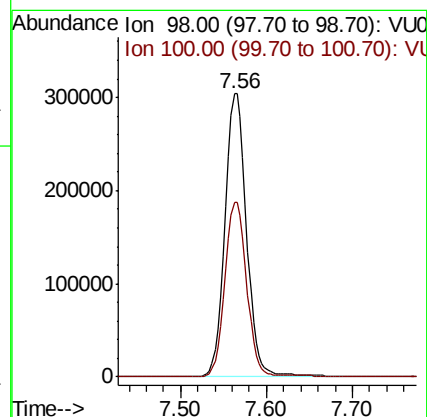
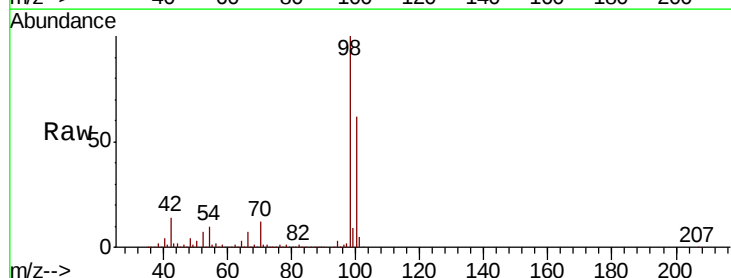
Acq: 27 Nov 2018 19:01

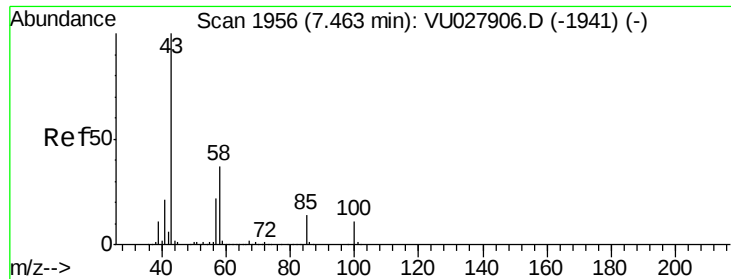
Tgt Ion: 98 Resp: 533328

Ion Ratio Lower Upper

98 100

100 62.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 13.175 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. -0.04 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :

MSVOA_U

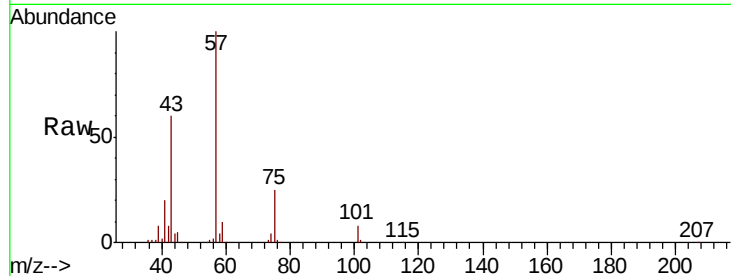
ClientSampleId :

Tot Ion: 43 Resp: 84226

Ion Ratio Lower Upper

43 100

58 5.6 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1941) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-1941) (-)

7.42

50000

40000

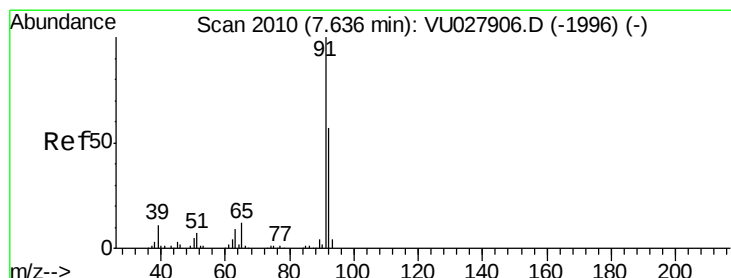
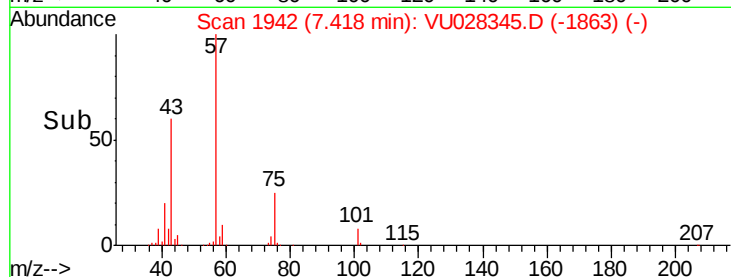
30000

20000

10000

0

Time--> 7.30 7.40 7.50



#52

Toluene

Concen: 13.225 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028345.D

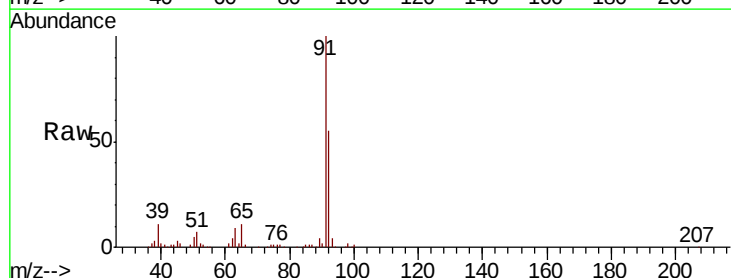
Acq: 27 Nov 2018 19:01

Tgt Ion: 92 Resp: 99124

Ion Ratio Lower Upper

92 100

91 179.0 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)

7.64

120000

100000

80000

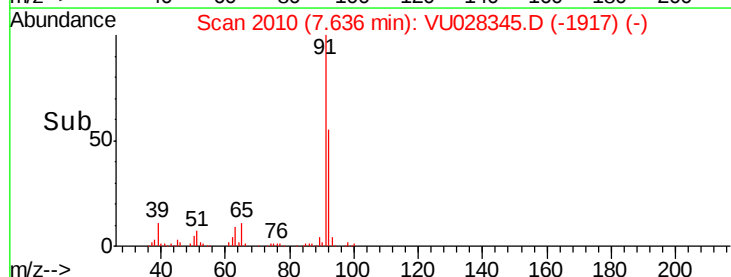
60000

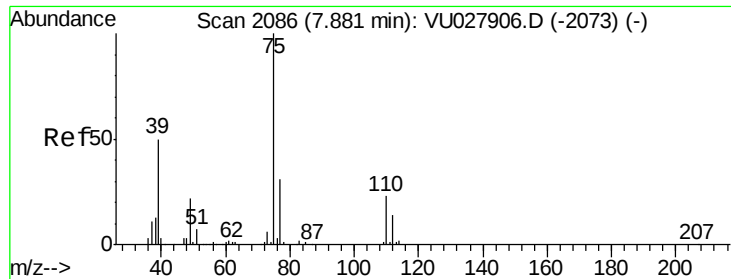
40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75

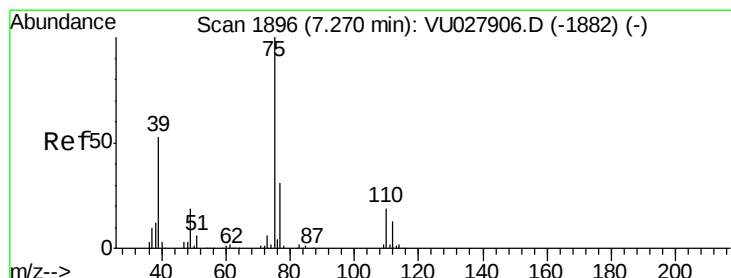
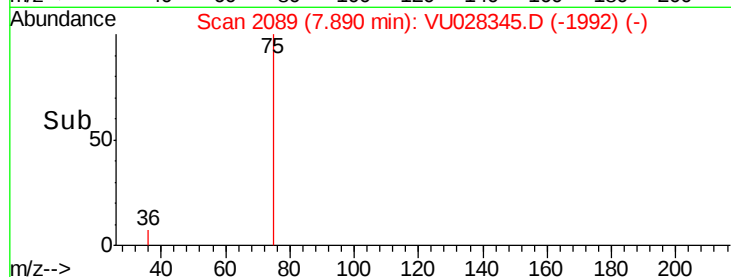
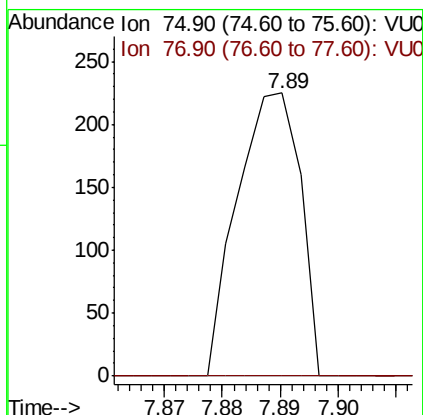
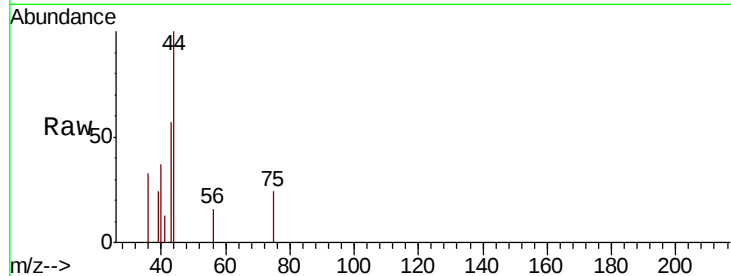




#53
 t-1,3-Dichloropropene
 Concen: 1.151 ug/l
 RT: 7.89 min Scan# 2089
 Delta R.T. 0.01 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

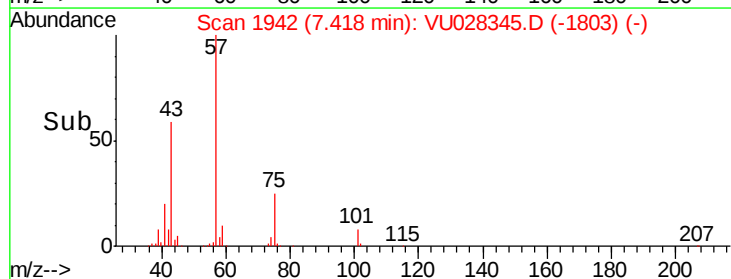
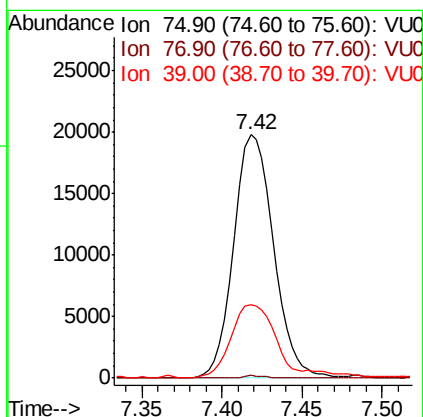
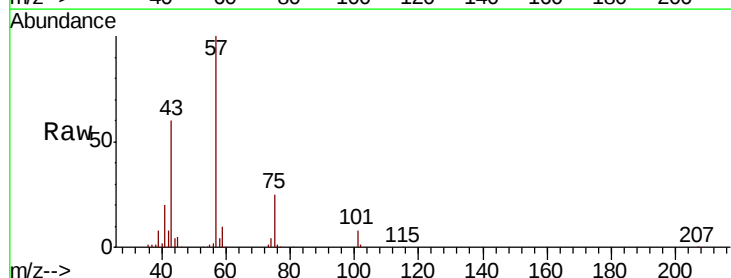
Instrument :
 MSVOA_U
 ClientSampleId :

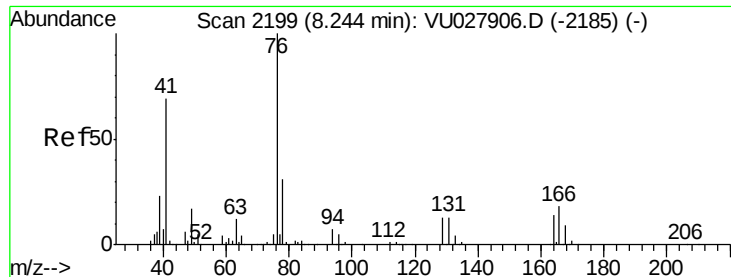
Tot Ion: 75 Resp: 169
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#



#54
 cis-1,3-Dichloropropene
 Concen: 6.710 ug/l
 RT: 7.42 min Scan# 1942
 Delta R.T. 0.15 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Tgt Ion: 75 Resp: 33692
 Ion Ratio Lower Upper
 75 100
 77 1.0 24.6 37.0#
 39 30.2 42.6 64.0#

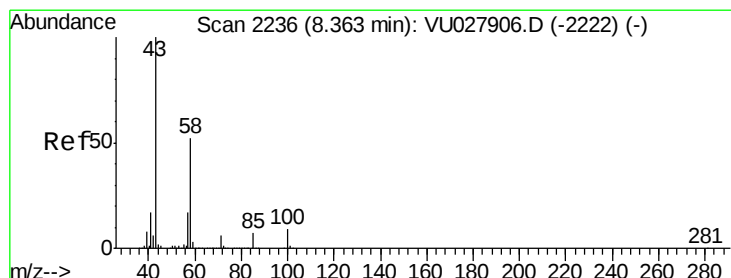
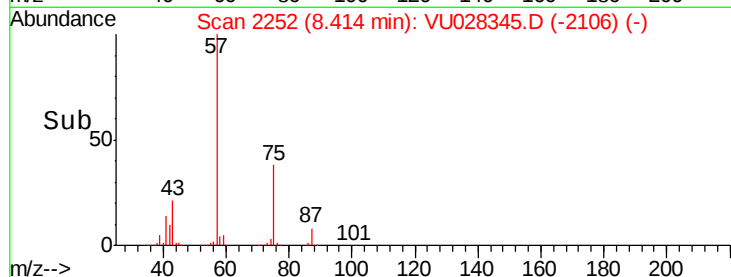
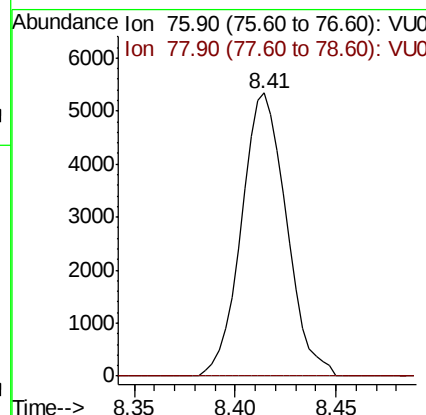
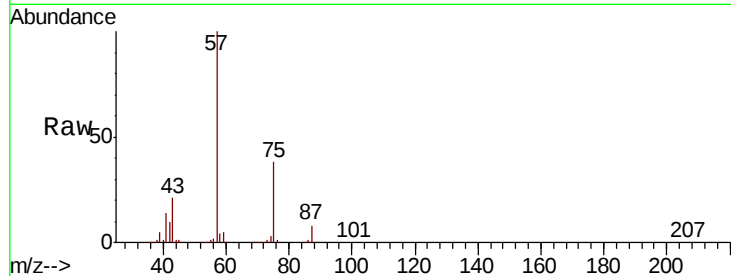




#57
 1,3-Dichloropropane
 Concen: 1.501 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

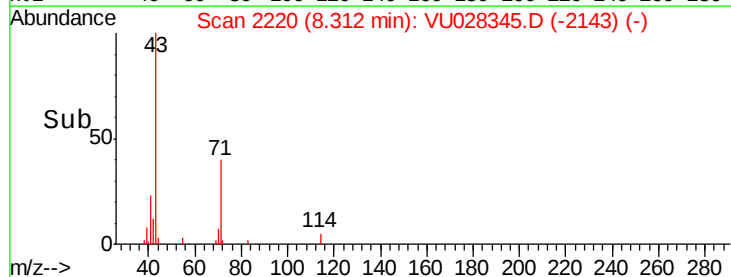
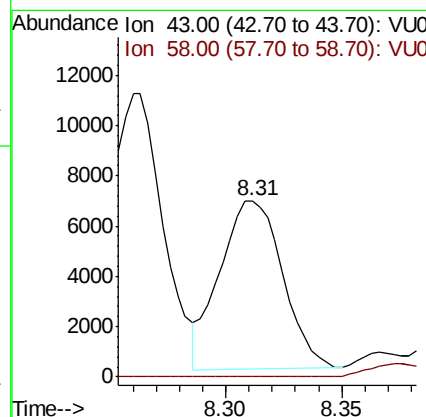
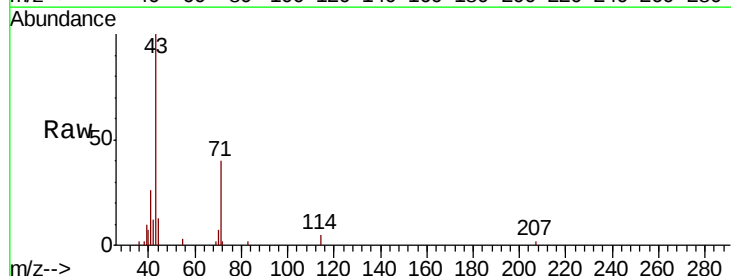
Instrument :
 MSVOA_U
 ClientSampleId :

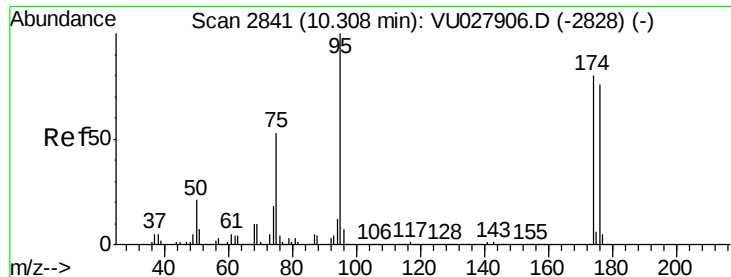
Tot Ion: 76 Resp: 8337
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.3 37.9#



#59
 2-Hexanone
 Concen: 2.545 ug/l
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Tgt Ion: 43 Resp: 12583
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.8 77.3#

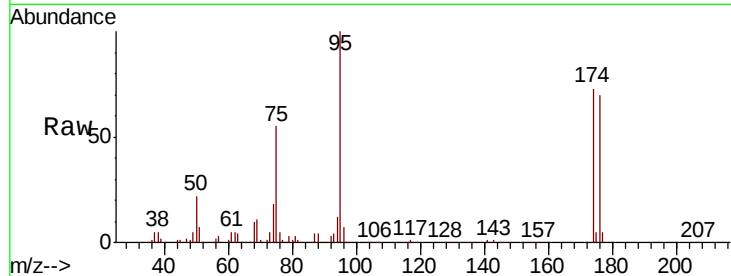




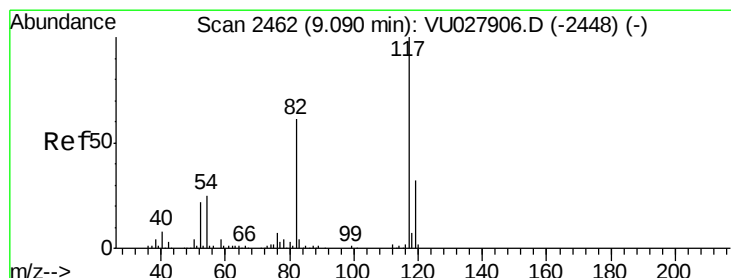
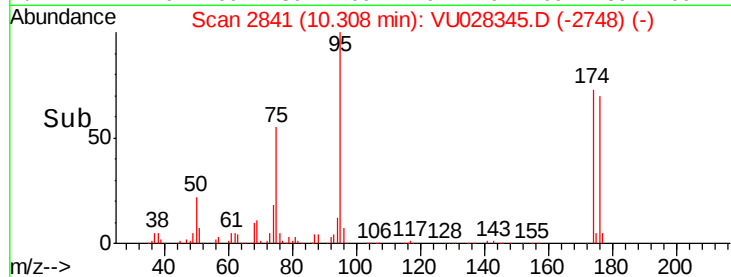
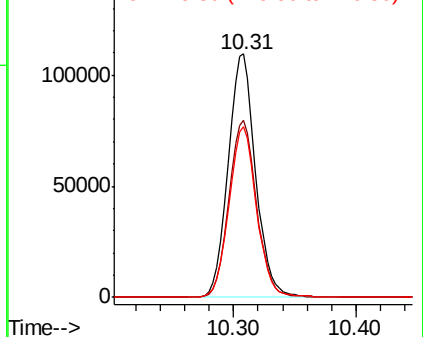
#62
4-Bromofluorobenzene
Concen: 48.208 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	156.4
176	70.4	0.0	150.8

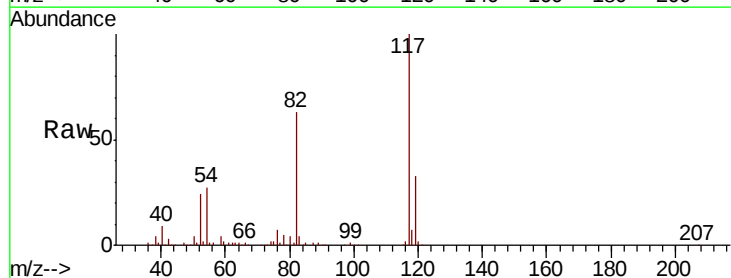


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

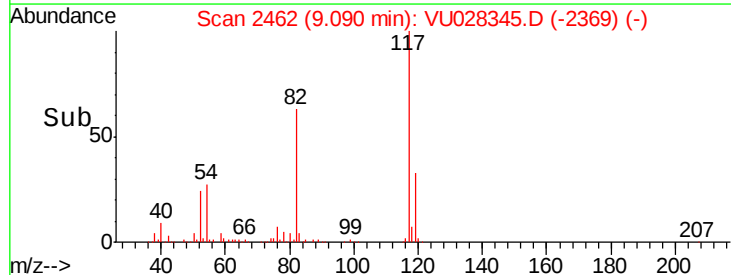
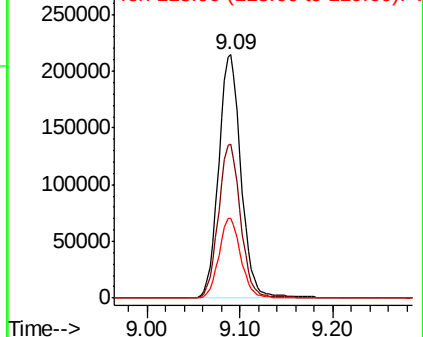


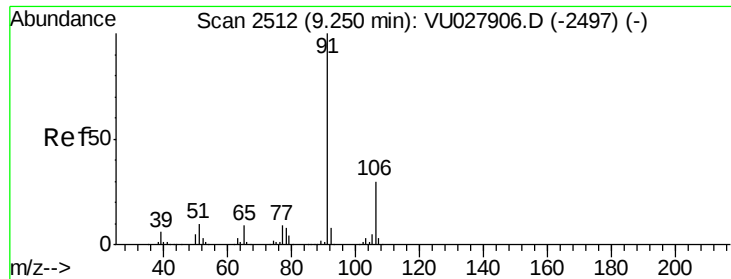
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.1	48.6	73.0
119	33.0	25.8	38.8



Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)

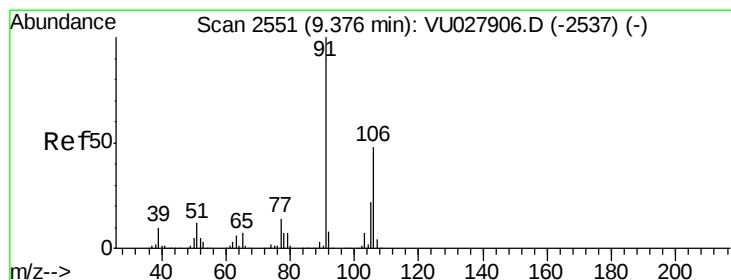
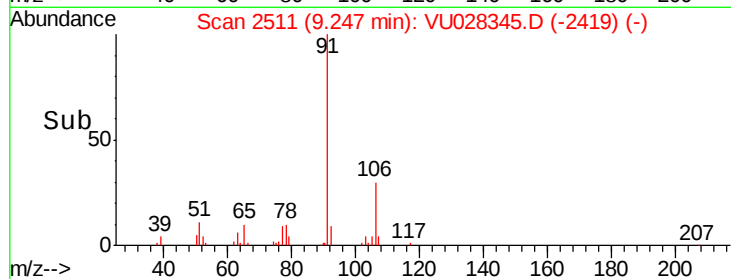
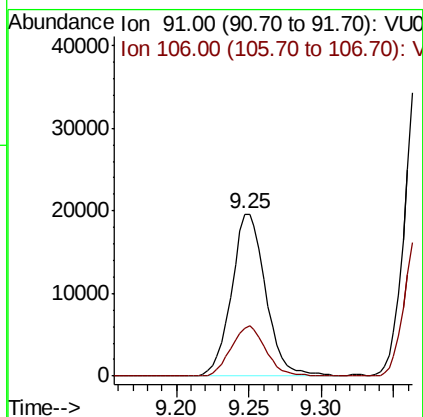
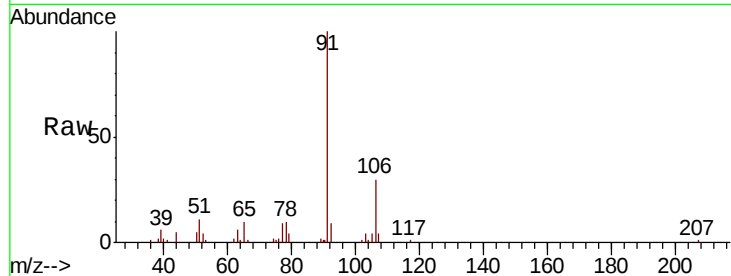




#67
Ethyl Benzene
Concen: 2.288 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

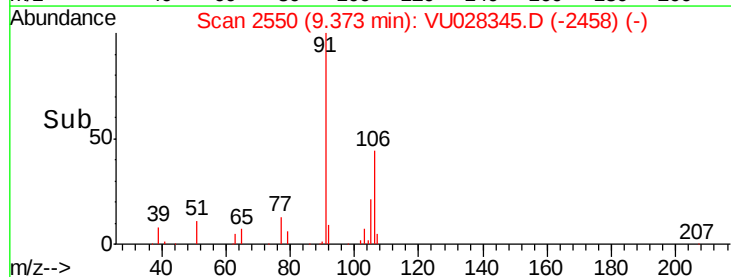
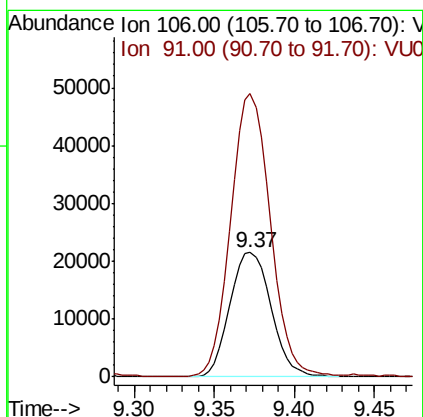
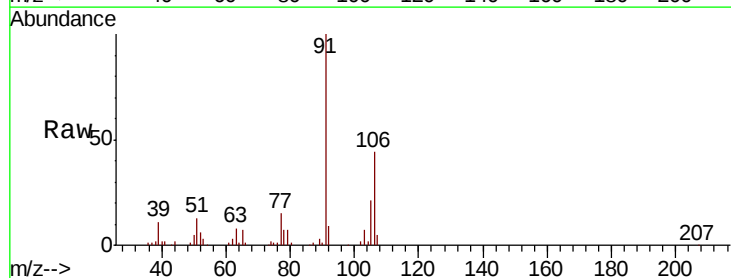
Instrument :
MSVOA_U
ClientSampleId :

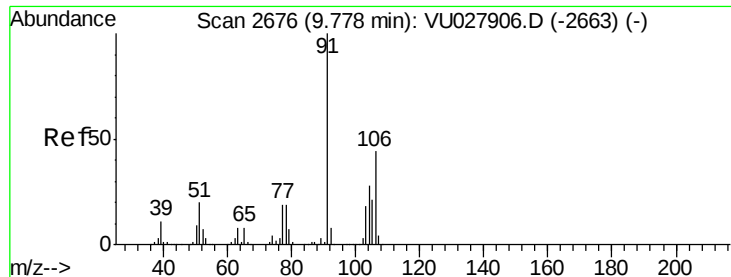
Tot Ion: 91 Resp: 32016
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4



#68
m/p-Xylenes
Concen: 7.471 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion: 106 Resp: 37927
Ion Ratio Lower Upper
106 100
91 216.6 168.2 252.4

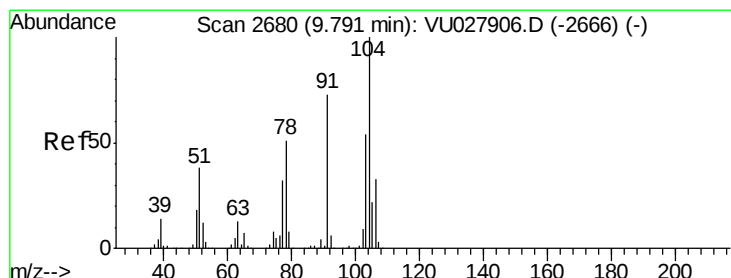
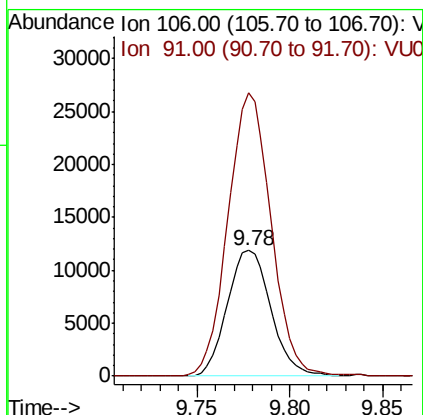
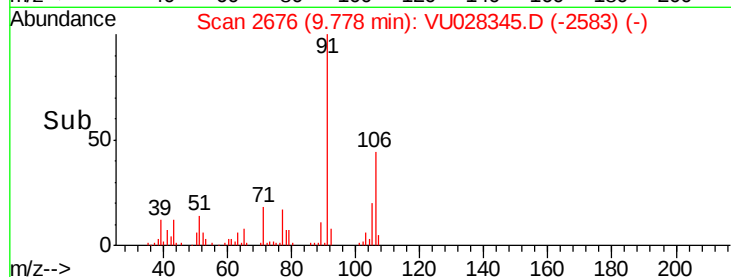
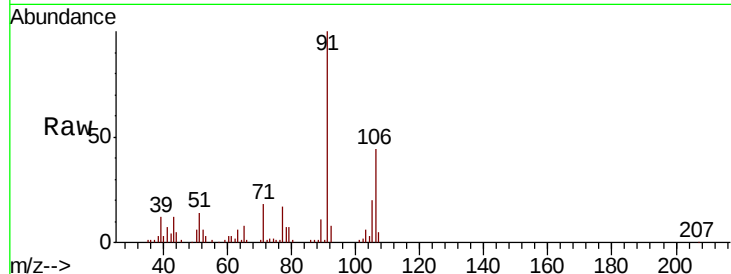




#69
o-Xylene
Concen: 3.790 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

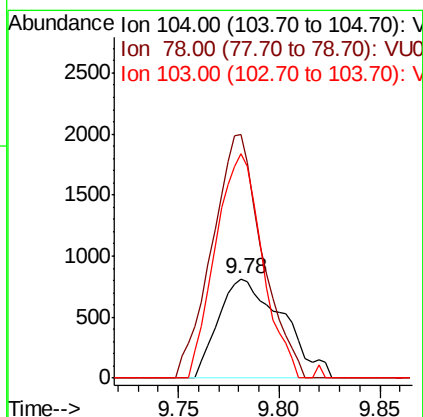
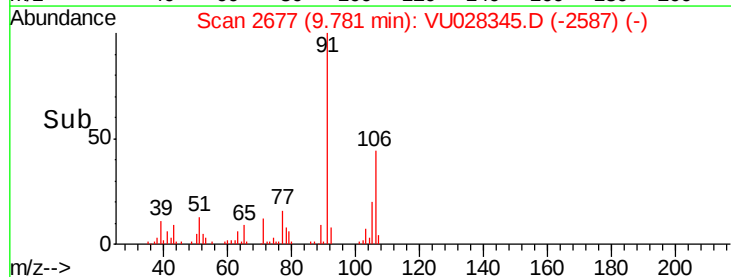
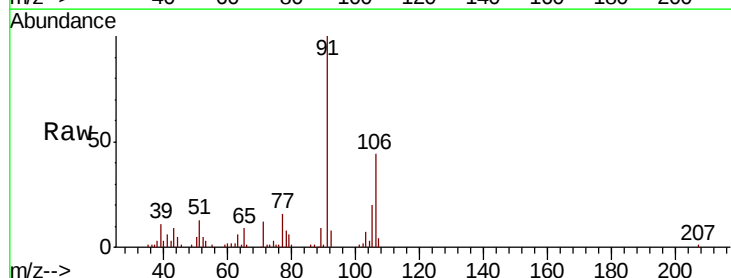
Instrument :
MSVOA_U
ClientSampled :

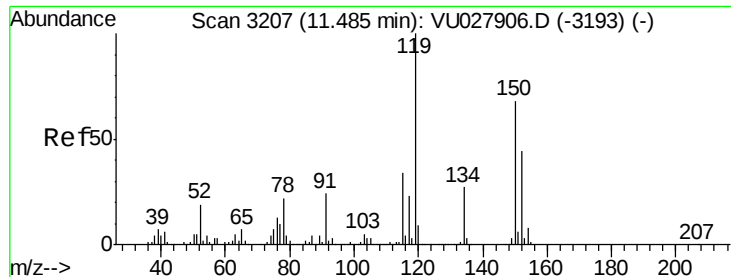
Tot Ion:106 Resp: 19430
Ion Ratio Lower Upper
106 100
91 222.6 111.1 333.4



#70
Styrene
Concen: 0.220 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion:104 Resp: 1799
Ion Ratio Lower Upper
104 100
78 191.6 43.0 64.4#
103 164.1 45.1 67.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

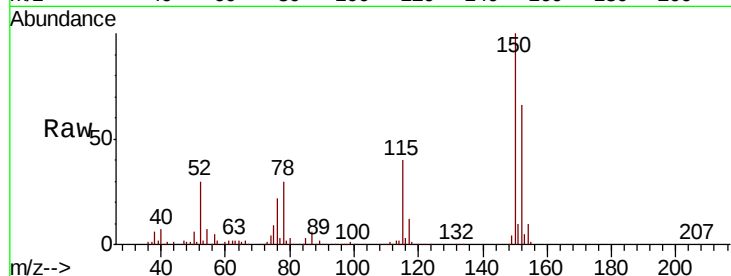
Tot Ion:152 Resp: 139459

Ion Ratio Lower Upper

152 100

115 62.3 43.0 129.0

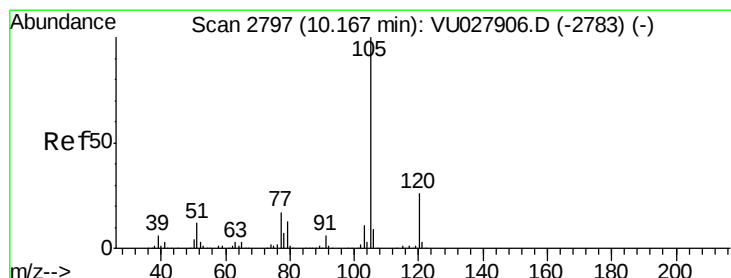
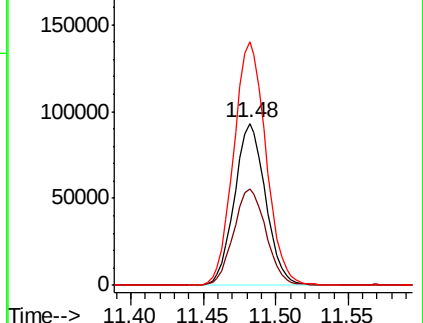
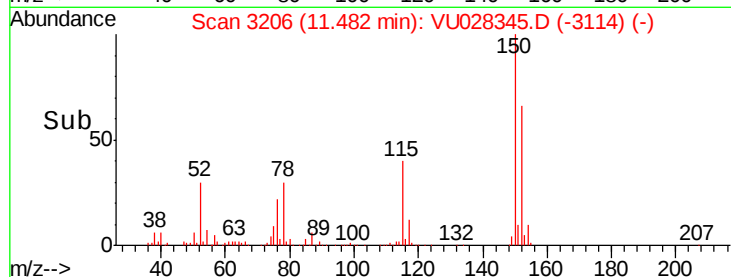
150 155.4 0.0 349.4



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: 0.203 ug/l

RT: 10.17 min Scan# 2799

Delta R.T. 0.01 min

Lab File: VU028345.D

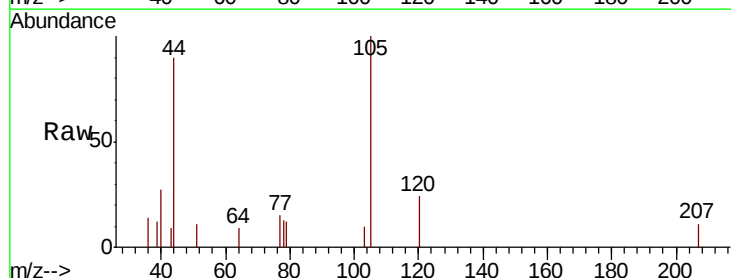
Acq: 27 Nov 2018 19:01

Tgt Ion:105 Resp: 2194

Ion Ratio Lower Upper

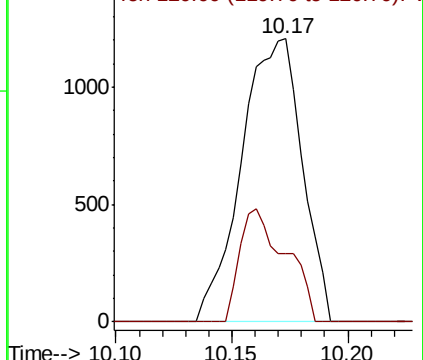
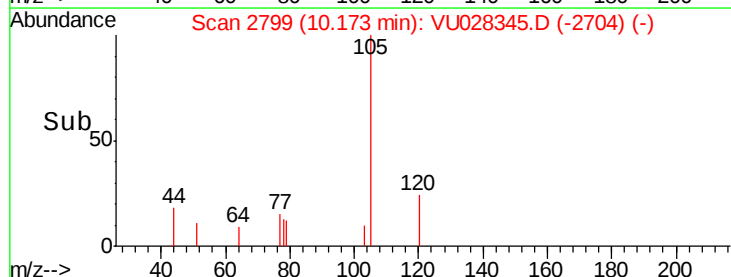
105 100

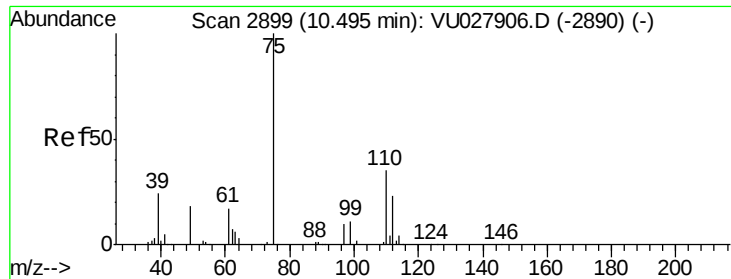
120 30.1 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

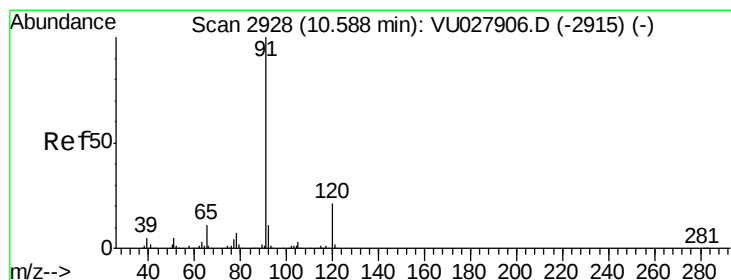
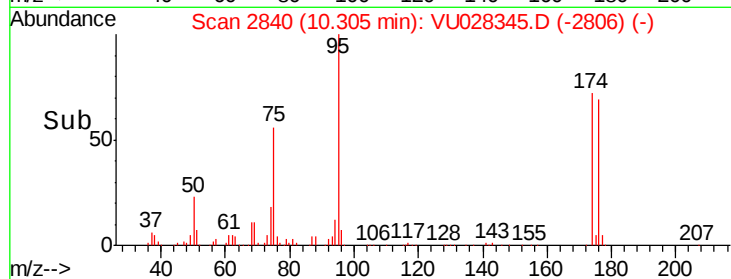
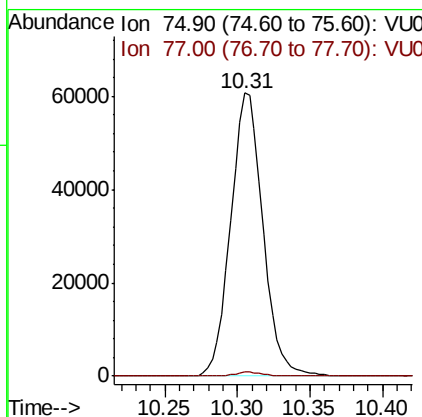
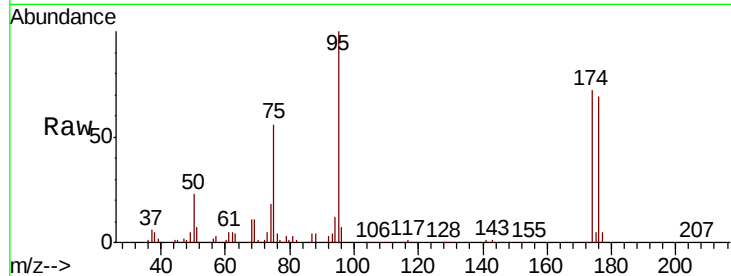




#76
 1,2,3-Trichloropropane
 Concen: 24.534 ug/l
 RT: 10.31 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

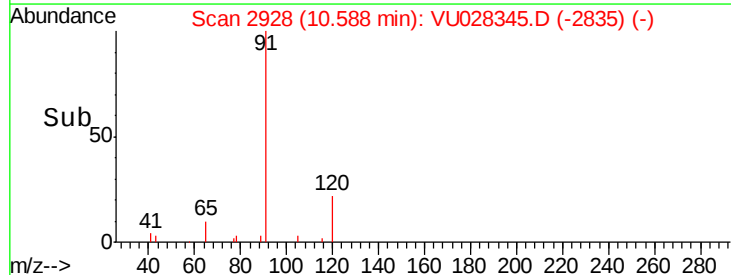
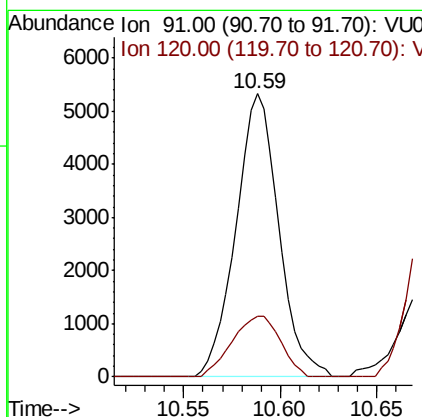
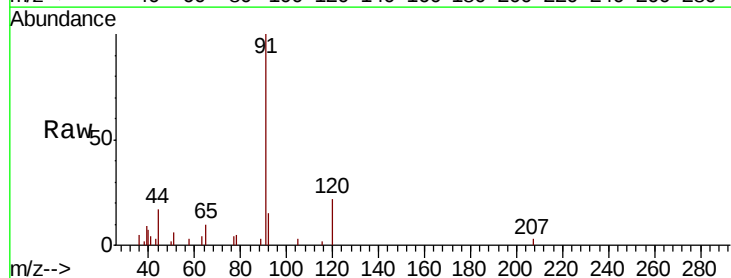
Instrument :
 MSVOA_U
 ClientSampled :

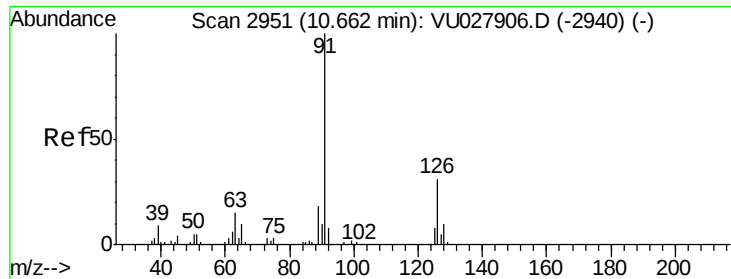
Tot Ion: 75 Resp: 93587
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.6#



#78
 n-propylbenzene
 Concen: 0.635 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Tgt Ion: 91 Resp: 8216
 Ion Ratio Lower Upper
 91 100
 120 24.2 10.6 31.8

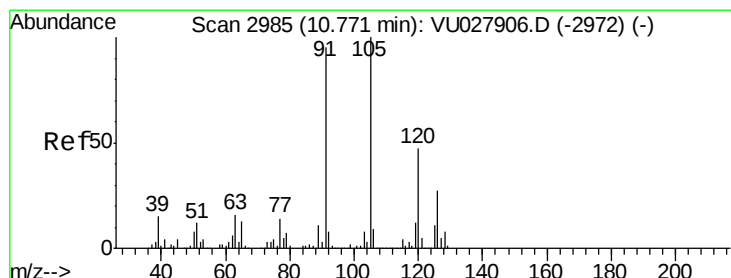
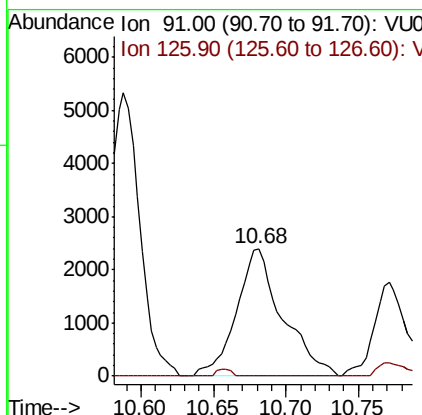
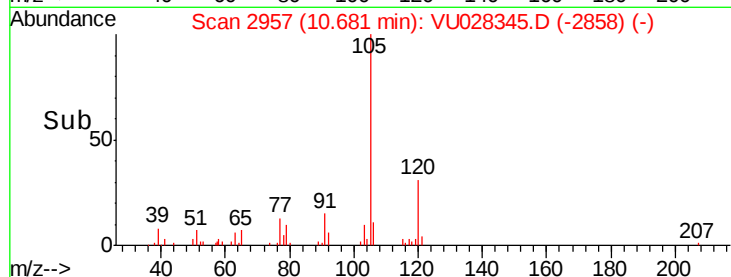
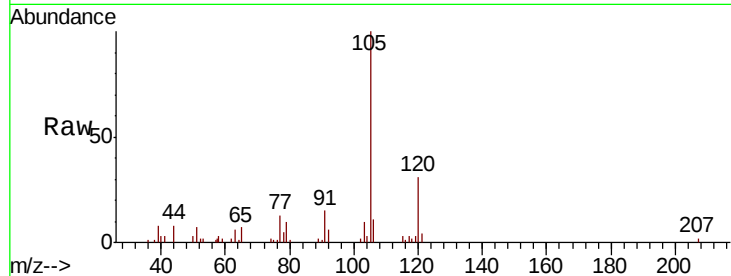




#79
 2-Chlorotoluene
 Concen: 0.682 ug/l
 RT: 10.68 min Scan# 2957
 Delta R.T. 0.02 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

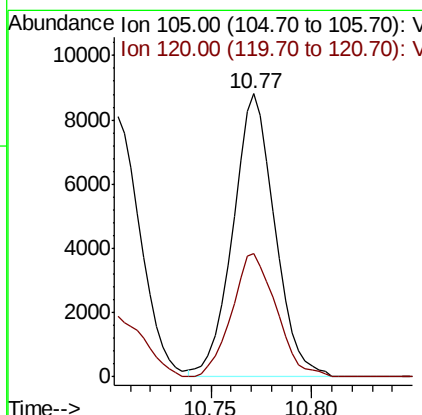
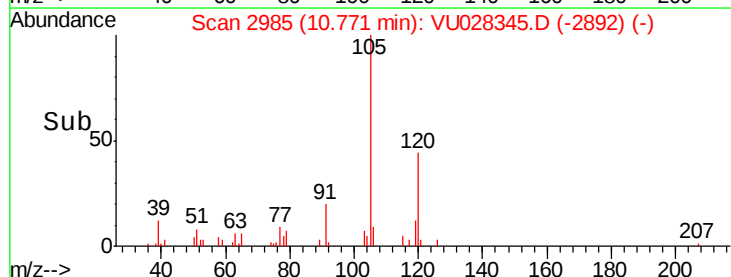
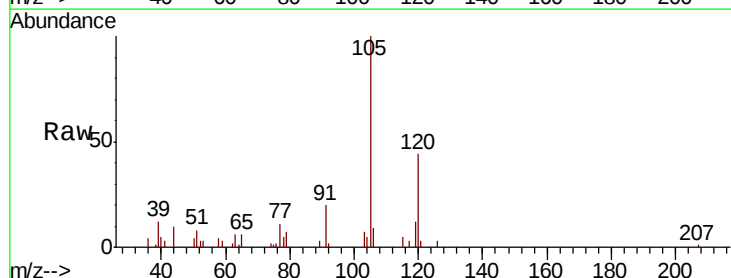
Instrument :
 MSVOA_U
 ClientSampleId :

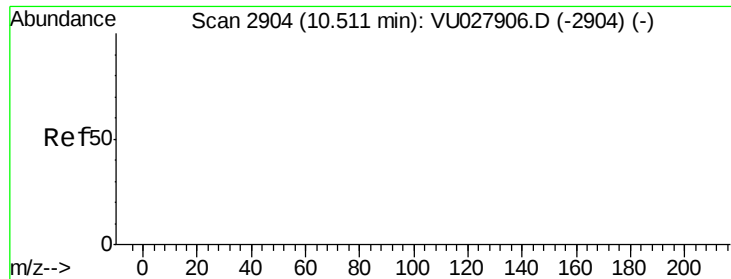
Tot Ion: 91 Resp: 5290
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.0 47.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.434 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Tgt Ion: 105 Resp: 12837
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.9

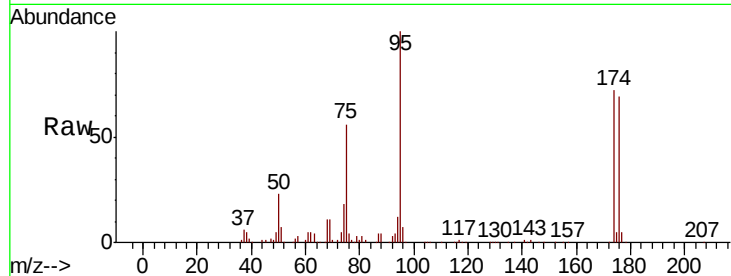




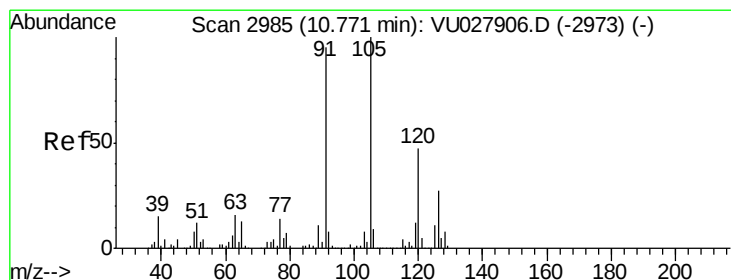
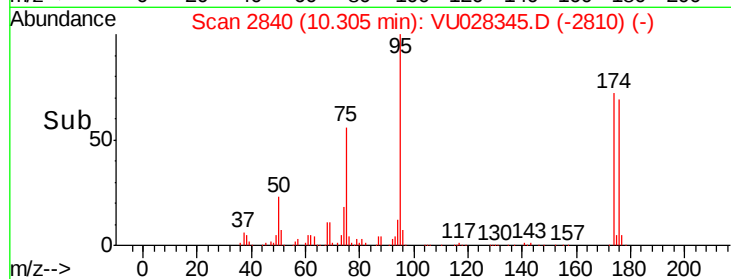
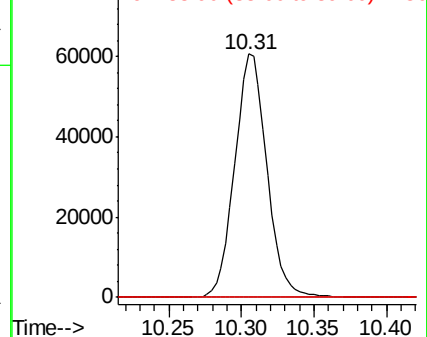
#81
trans-1,4-Dichloro-2-butene
Concen: 61.197 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 93587
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

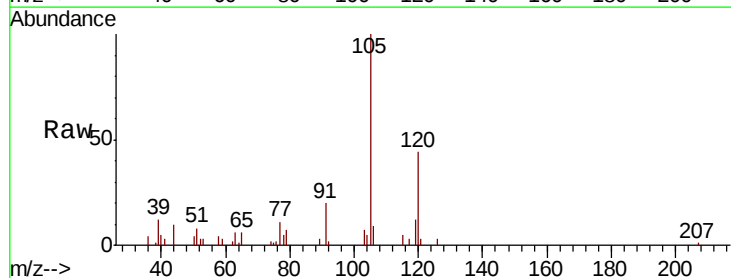


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

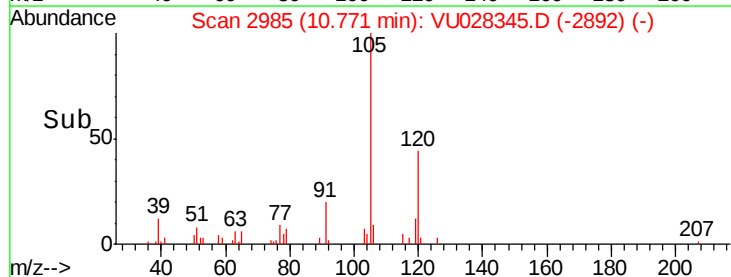
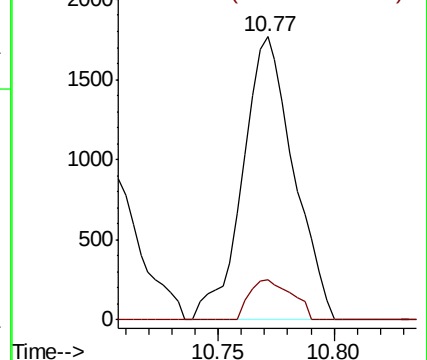


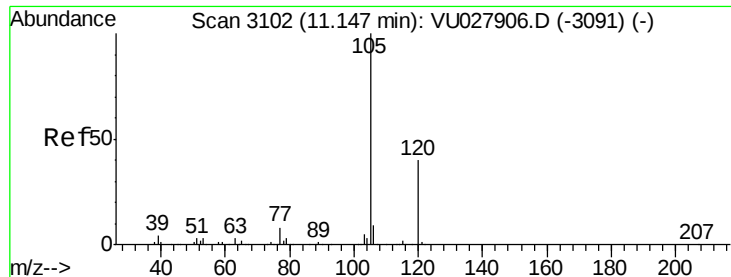
#82
4-Chlorotoluene
Concen: 0.307 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028345.D
Acq: 27 Nov 2018 19:01

Tgt Ion: 91 Resp: 2699
Ion Ratio Lower Upper
91 100
126 11.7 14.2 42.6#



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

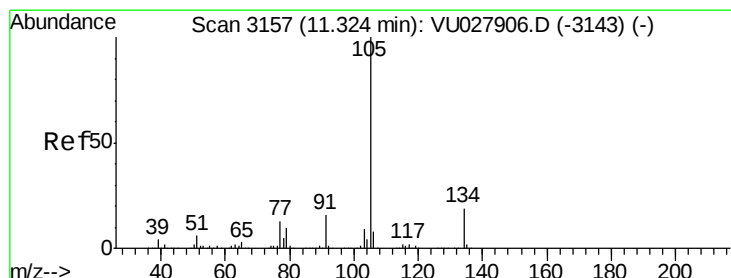
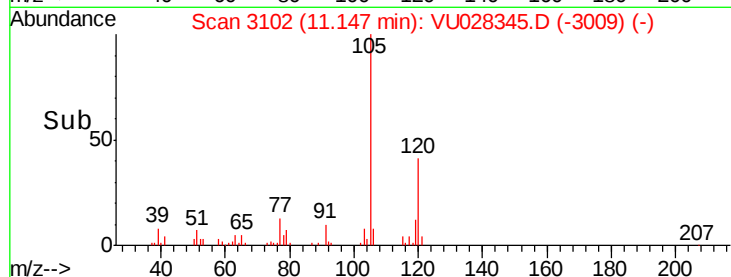
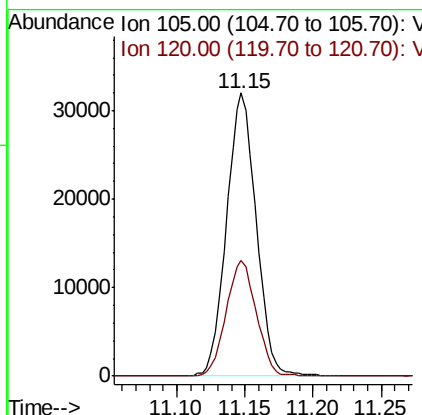
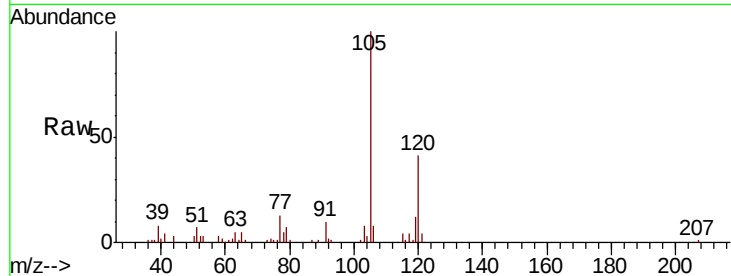




#84
 1,2,4-Trimethylbenzene
 Concen: 5.362 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

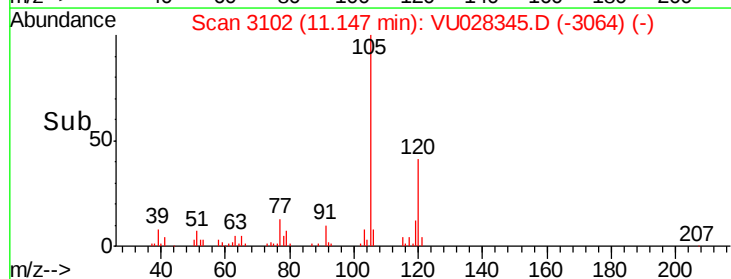
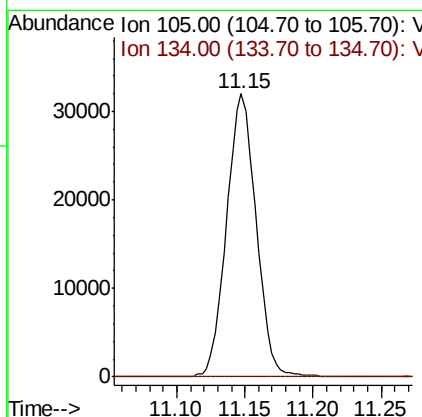
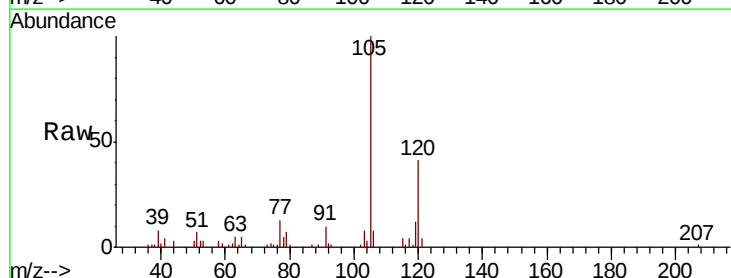
Instrument :
 MSVOA_U
 ClientSampleId :

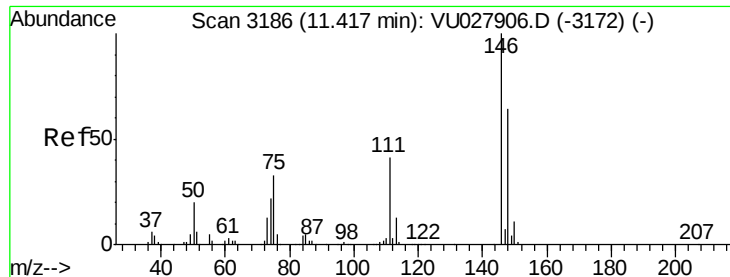
Tot Ion:105 Resp: 48318
 Ion Ratio Lower Upper
 105 100
 120 41.5 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 4.441 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.18 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Tgt Ion:105 Resp: 48318
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#

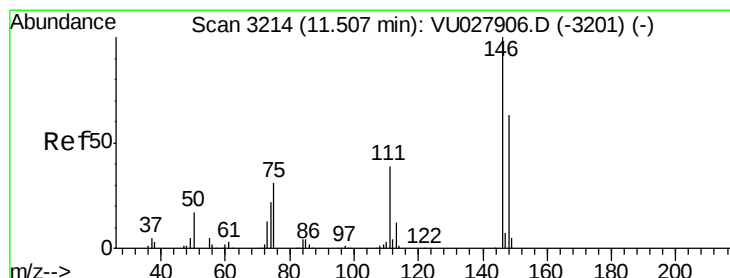
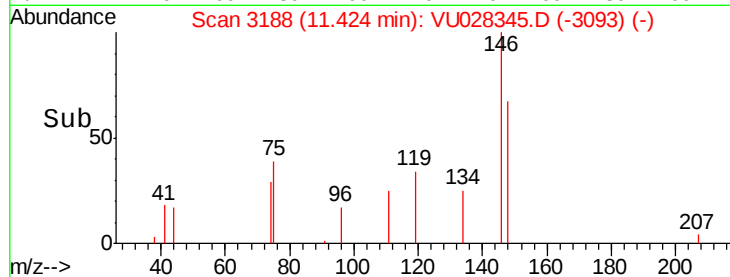
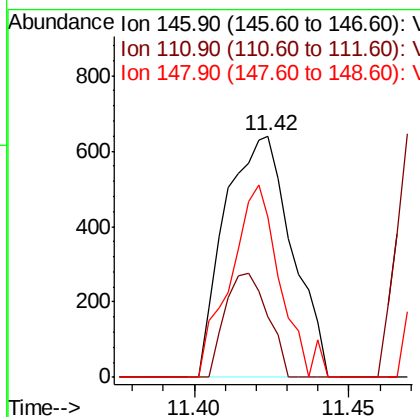
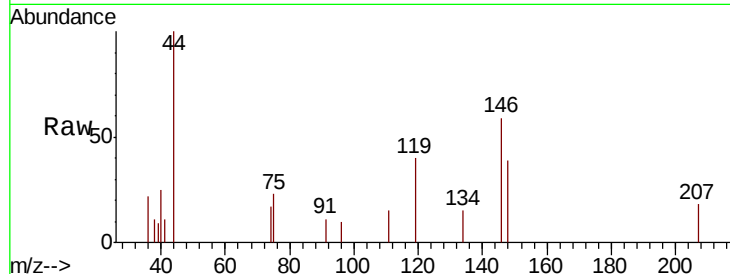




#87
 1,3-Dichlorobenzene
 Concen: 0.210 ug/l
 RT: 11.42 min Scan# 3188
 Delta R.T. 0.01 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

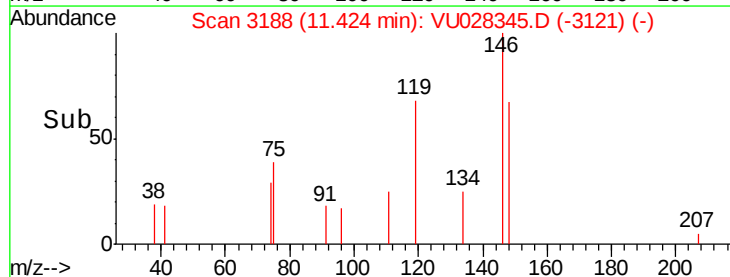
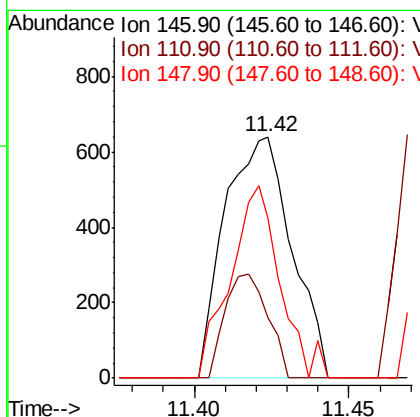
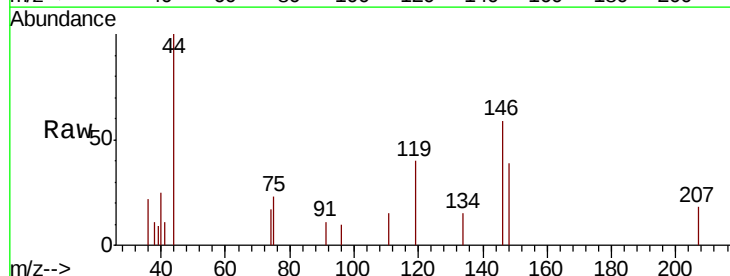
Instrument :
 MSVOA_U
 ClientSampleId :

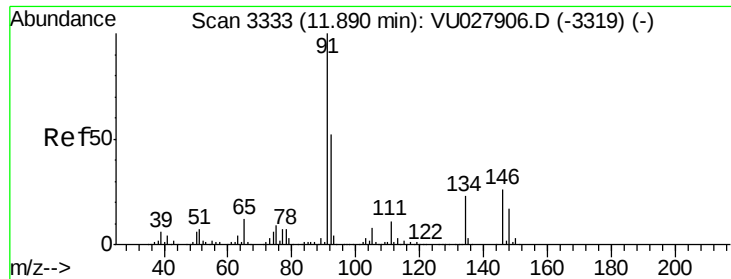
Tot Ion:146 Resp: 962
 Ion Ratio Lower Upper
 146 100
 111 27.8 20.3 61.0
 148 59.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 0.205 ug/l
 RT: 11.42 min Scan# 3188
 Delta R.T. -0.08 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Tgt Ion:146 Resp: 962
 Ion Ratio Lower Upper
 146 100
 111 27.8 20.3 60.9
 148 59.1 32.0 96.2





#89

n-Butylbenzene

Concen: 0.333 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

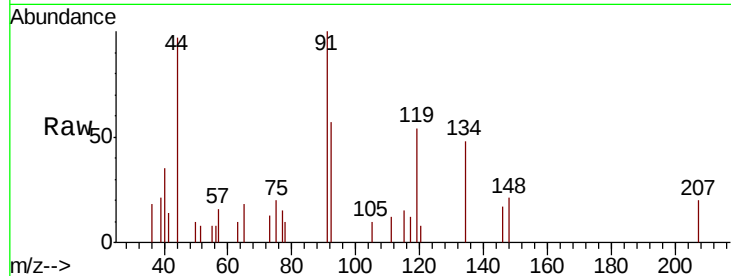
Tot Ion: 91 Resp: 2883

Ion Ratio Lower Upper

91 100

92 36.1 26.2 78.5

134 60.6 11.5 34.5#

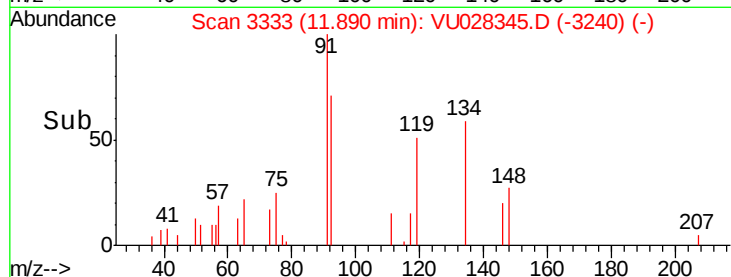


Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-3319) (-)

Ion 92.00 (91.70 to 92.70): VU027906.D (-3319) (-)

Ion 134.00 (133.70 to 134.70): VU027906.D (-3319) (-)

Time-->

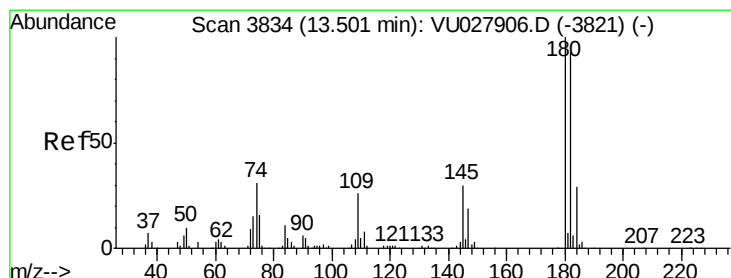


Abundance Ion 91.00 (90.70 to 91.70): VU028345.D (-3240) (-)

Ion 92.00 (91.70 to 92.70): VU028345.D (-3240) (-)

Ion 134.00 (133.70 to 134.70): VU028345.D (-3240) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.139 ug/l

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

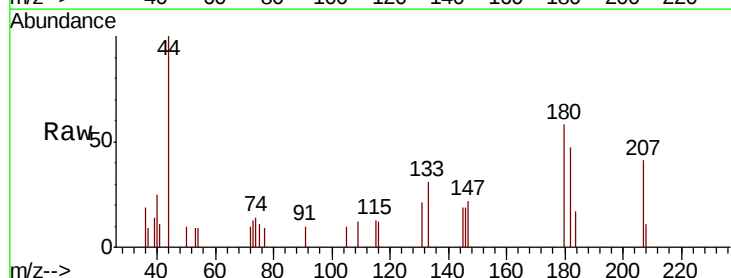
Tgt Ion: 180 Resp: 1488

Ion Ratio Lower Upper

180 100

182 87.4 48.4 145.2

145 16.4 14.9 44.5

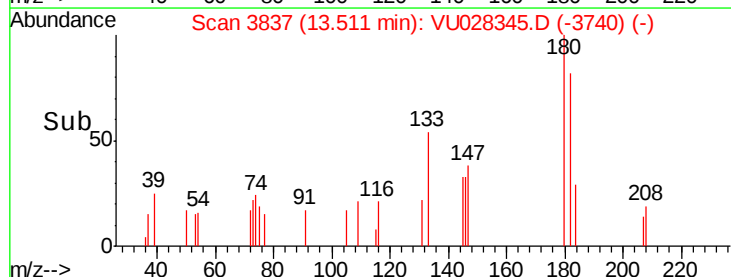


Abundance Ion 179.80 (179.50 to 180.50): VU027906.D (-3821) (-)

Ion 181.80 (181.50 to 182.50): VU027906.D (-3821) (-)

Ion 144.80 (144.50 to 145.50): VU027906.D (-3821) (-)

Time-->

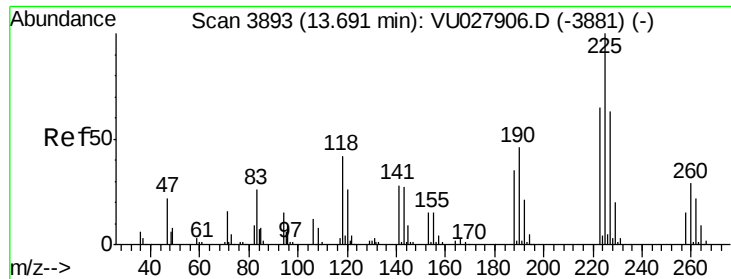


Abundance Ion 179.80 (179.50 to 180.50): VU028345.D (-3740) (-)

Ion 181.80 (181.50 to 182.50): VU028345.D (-3740) (-)

Ion 144.80 (144.50 to 145.50): VU028345.D (-3740) (-)

Time-->



#94

Hexachlorobutadiene

Concen: 0.226 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. 0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

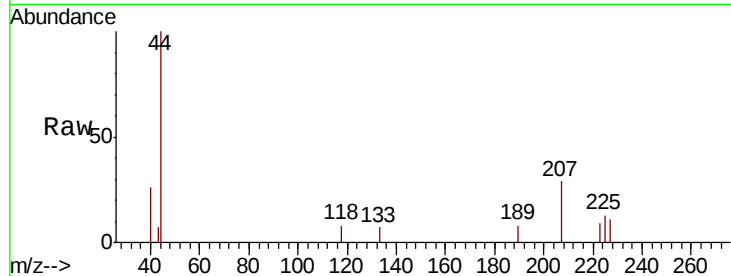
Instrument :

MSVOA_U

ClientSampled :

Tot Ion:225 Resp: 330

Ion	Ratio	Lower	Upper
225	100		
223	23.6	32.2	96.6#
227	45.2	32.5	97.4

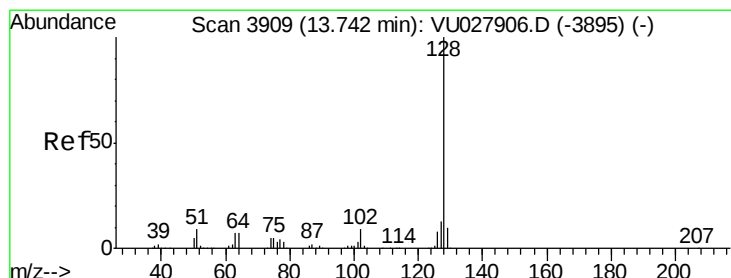
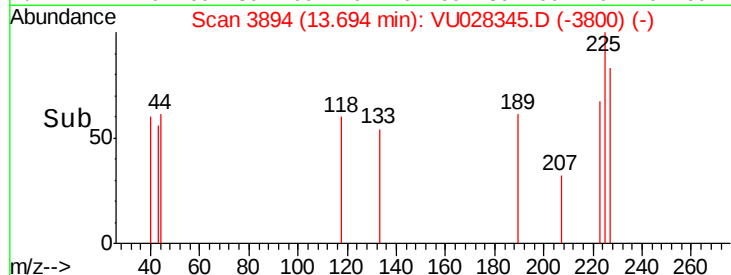
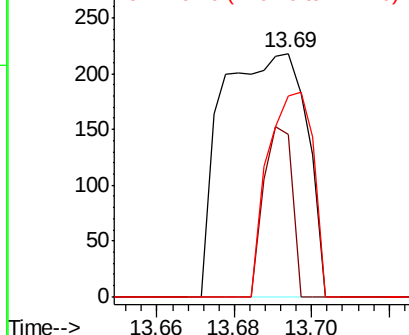


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.506 ug/l

RT: 13.75 min Scan# 3910

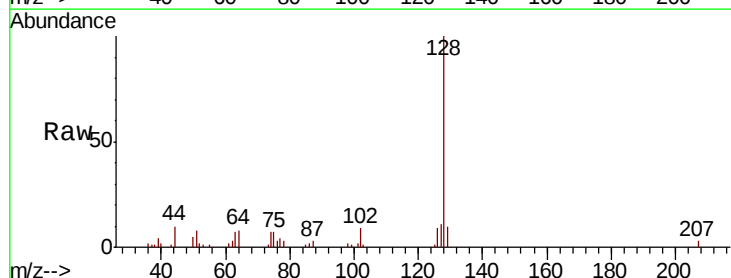
Delta R.T. 0.00 min

Lab File: VU028345.D

Acq: 27 Nov 2018 19:01

Tgt Ion:128 Resp: 30633

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.4	15.6
129	10.3	8.3	12.5

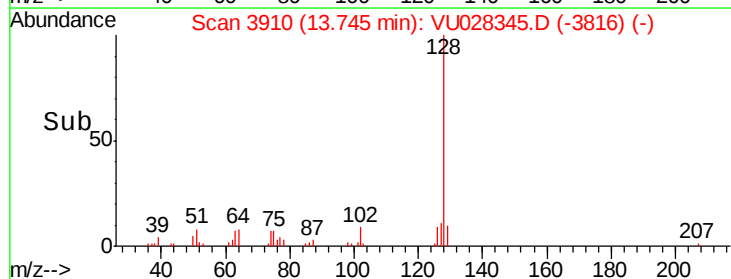
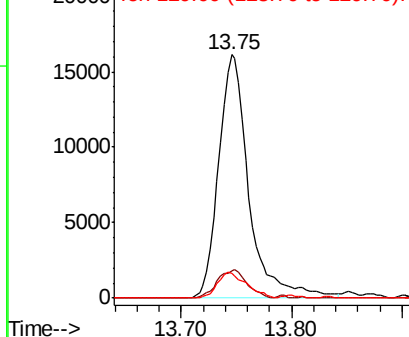


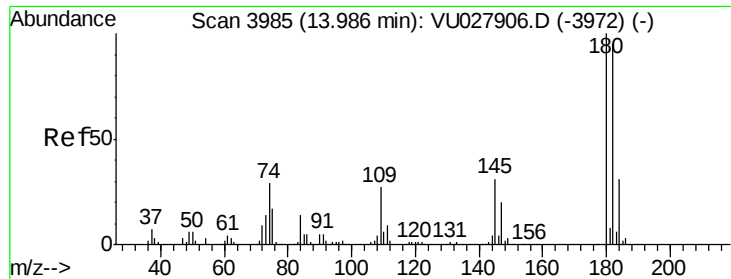
Abundance

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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.479 ug/l
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU028345.D
 Acq: 27 Nov 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.5	47.4	142.3
145	25.6	16.0	47.9

