

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028921.D
 Acq On : 22 Dec 2018 17:49
 Operator : MD/SY
 Sample : J6426-09ME 10X
 Misc : 5.25g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01ME

Quant Time: Dec 24 04:47:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	187643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	305115	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	280338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	129750	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	106636	37.24	ug/l	0.00
Spiked Amount			Recovery	=	74.48%	
35) Dibromofluoromethane	4.88	113	94885	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	7.57	98	379162	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	10.30	95	132869	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1611	0.348	ug/l	92
5) Bromomethane	1.60	94	402	0.299	ug/l #	65
11) Tert butyl alcohol	2.84	59	2222	3.483	ug/l #	73
14) Allyl chloride	2.74	41	3965	0.802	ug/l #	59
15) Acrylonitrile	2.99	53	444	0.251	ug/l #	32
16) Acetone	2.32	43	463	0.248	ug/l #	84
18) Methyl Acetate	2.62	43	976	0.201	ug/l	95
20) Methylene Chloride	2.70	84	1366	0.496	ug/l #	75
23) Vinyl Acetate	3.30	43	24310	3.066	ug/l #	35
31) Cyclohexane	4.98	56	8869	0.624	ug/l #	37
36) 1,1-Dichloropropene	4.98	75	13175	3.946	ug/l #	50
38) Carbon Tetrachloride	4.98	117	16115	5.988	ug/l #	15
39) Methylcyclohexane	6.41	83	14435	3.544	ug/l	88
51) 4-Methyl-2-Pentanone	7.56	43	1387	0.322	ug/l #	1
52) Toluene	7.64	92	3197491	552.503	ug/l	98
53) t-1,3-Dichloropropene	7.64	75	32806	8.627	ug/l #	1
55) 1,1,2-Trichloroethane	8.04	97	2447	1.070	ug/l #	14
59) 2-Hexanone	8.33	43	3976	1.165	ug/l #	26
65) Chlorobenzene	9.12	112	5842	0.978	ug/l	95
67) Ethyl Benzene	9.25	91	1485567	135.278	ug/l	98
68) m/p-Xylenes	9.38	106	3847357	962.821	ug/l	94
69) o-Xylene	9.78	106	963185	248.037	ug/l	94
70) Styrene	9.78	104	46396	7.220	ug/l #	1
73) Isopropylbenzene	10.17	105	32859	3.300	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	865	0.226	ug/l #	87
76) 1,2,3-Trichloropropane	10.60	75	8697	2.625	ug/l	85
78) n-propylbenzene	10.59	91	60227	4.868	ug/l	93
79) 2-Chlorotoluene	10.68	91	20764	2.914	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	61863	7.506	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.60	75	8697	6.910	ug/l #	100
82) 4-Chlorotoluene	10.77	91	6548	0.775	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.15	105	184932	21.773	ug/l	96
85) sec-Butylbenzene	11.32	105	6438	0.631	ug/l	98
86) p-Isopropyltoluene	11.48	119	46189	5.328	ug/l	97

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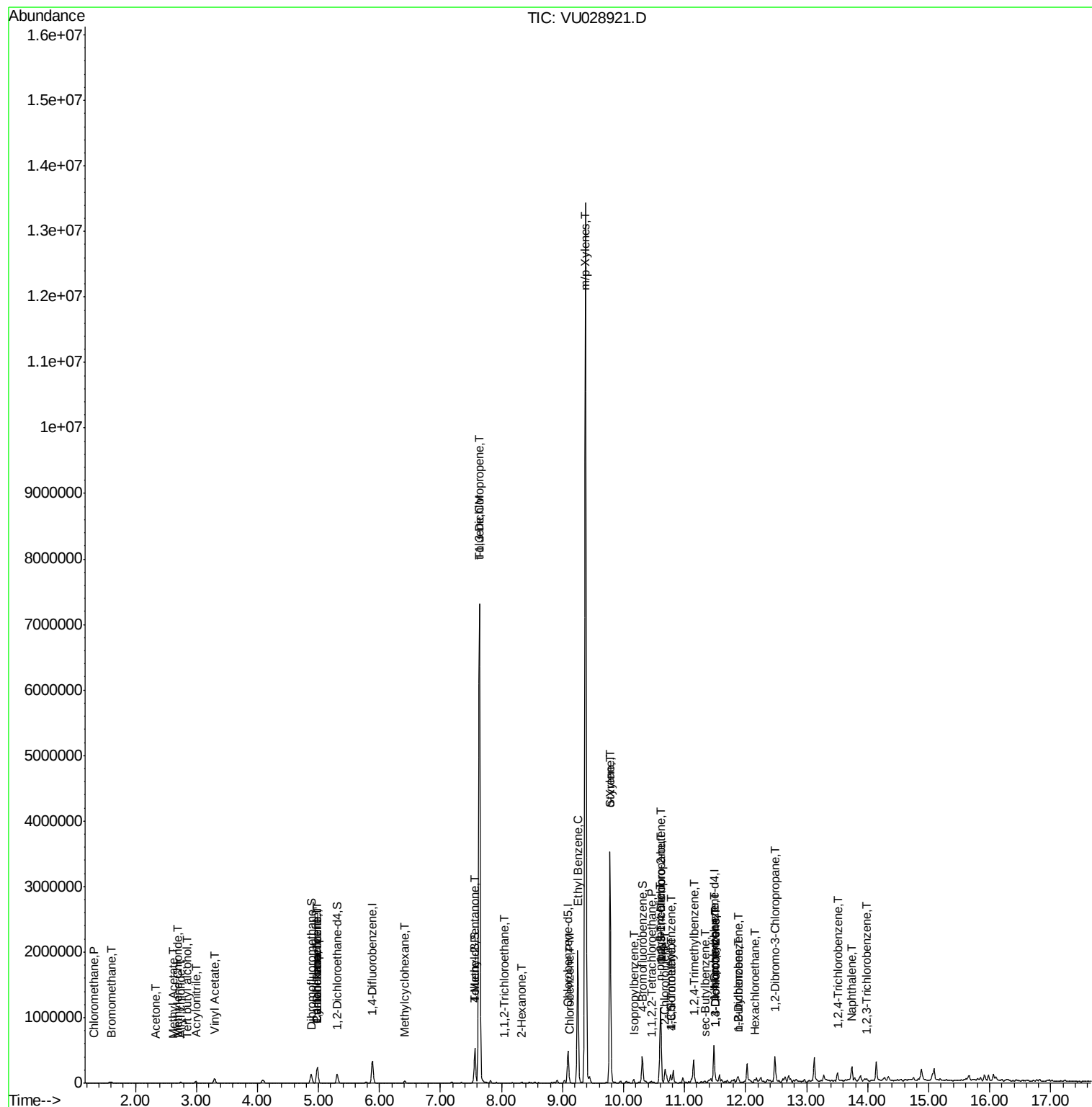
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	11.51	146	9920	2.256	ug/l	87
88) 1,4-Dichlorobenzene	11.51	146	9920	2.181	ug/l	86
89) n-Butylbenzene	11.89	91	16769	1.911	ug/l #	32
90) Hexachloroethane	12.14	117	1865	1.423	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	3968	0.902	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.48	75	11683	14.110	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.50	180	29712	10.509	ug/l	97
95) Naphthalene	13.74	128	156811	14.859	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	8148	2.848	ug/l #	79

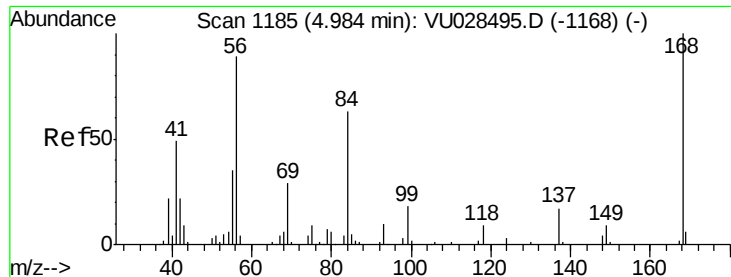
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

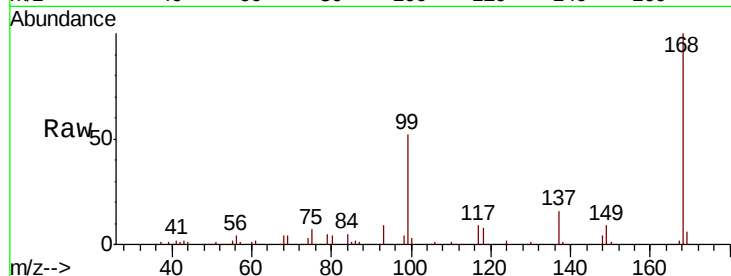
P001-SS013-3638-01ME

Tgt Ion: 168 Resp: 187643

Ion Ratio Lower Upper

168 100

99 52.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

80000

60000

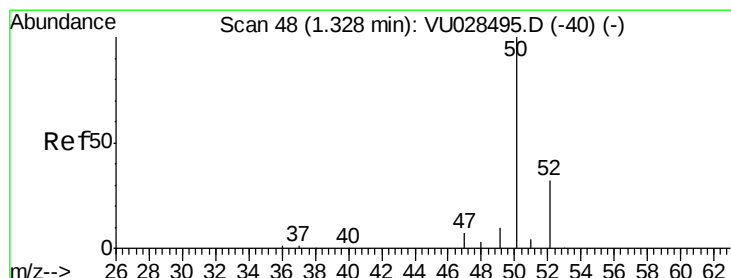
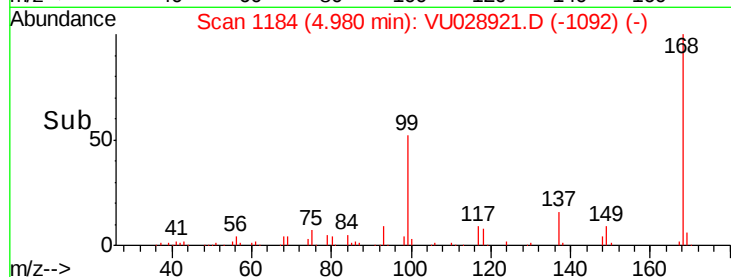
40000

20000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.348 ug/l

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028921.D

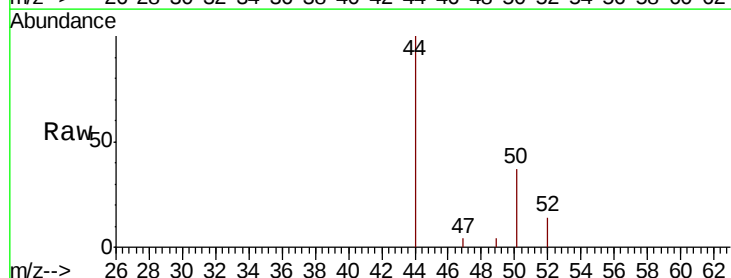
Acq: 22 Dec 2018 17:49

Tgt Ion: 50 Resp: 1611

Ion Ratio Lower Upper

50 100

52 36.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.32

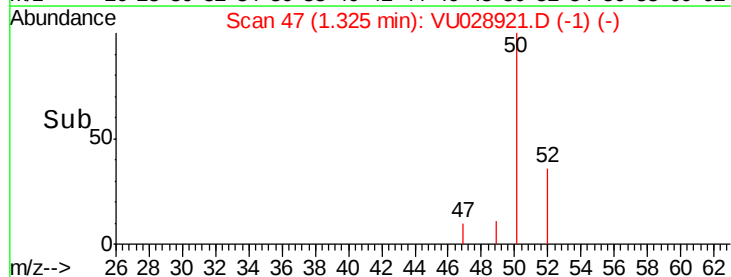
1000

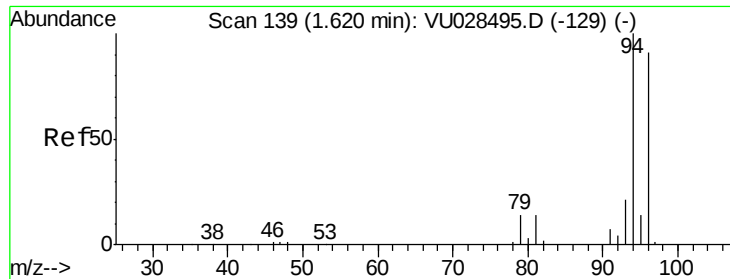
500

0

1.30 1.35

Time-->





#5

Bromomethane

Concen: 0.299 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.02 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

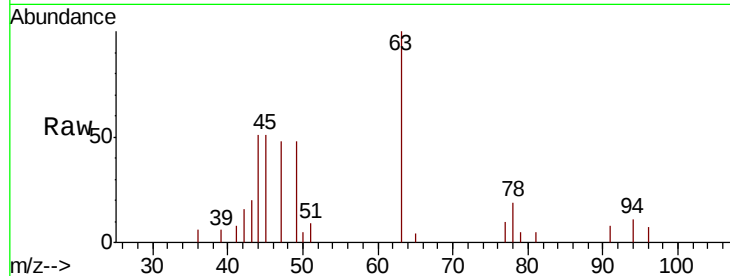
P001-SS013-3638-01ME

Tgt Ion: 94 Resp: 402

Ion Ratio Lower Upper

94 100

96 58.3 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.60

300

250

200

150

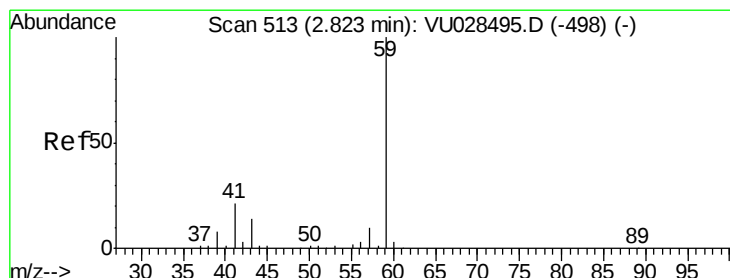
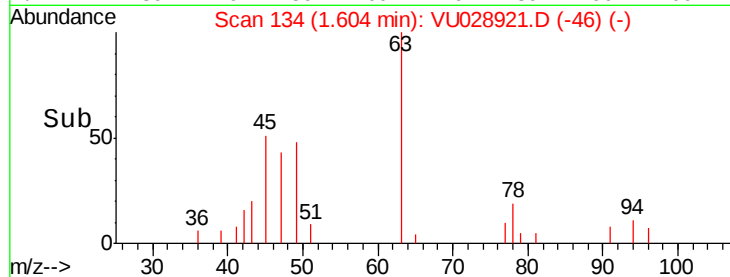
100

50

0

1.58 1.60 1.62 1.64

Time-->



#11

Tert butyl alcohol

Concen: 3.483 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028921.D

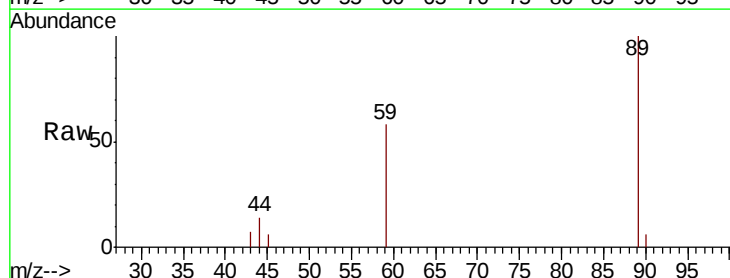
Acq: 22 Dec 2018 17:49

Tgt Ion: 59 Resp: 2222

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

1200

1000

800

600

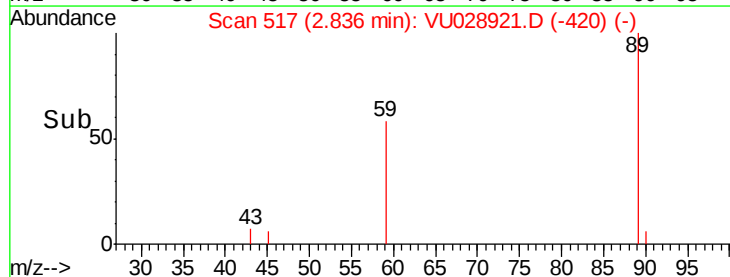
400

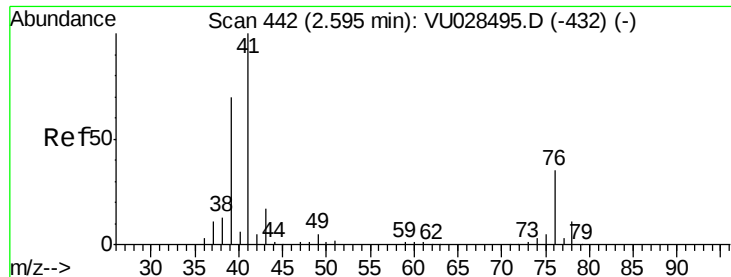
200

0

2.80 2.85 2.90

Time-->

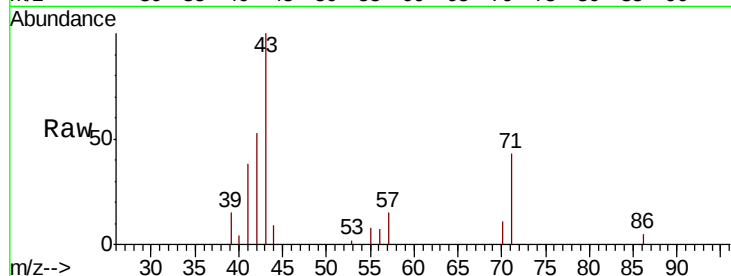




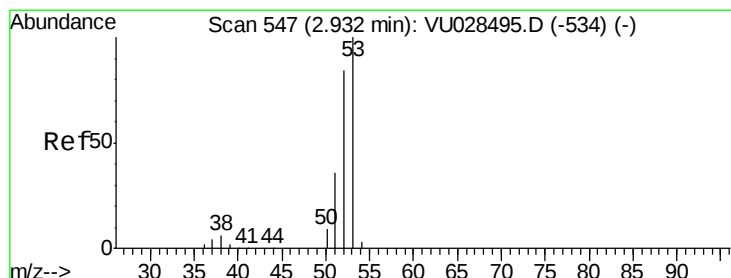
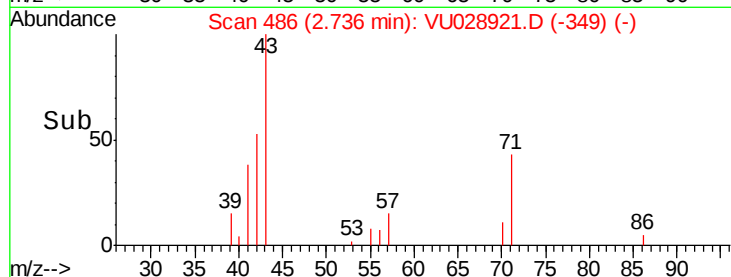
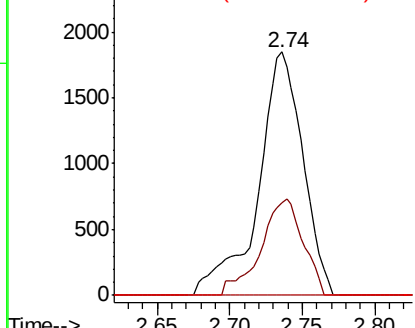
#14
 Allyl chloride
 Concen: 0.802 ug/l
 RT: 2.74 min Scan# 486
 Delta R.T. 0.14 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01ME

Tgt Ion: 41 Resp: 3965
 Ion Ratio Lower Upper
 41 100
 39 37.4 50.8 76.2#
 76 0.0 24.8 37.2#

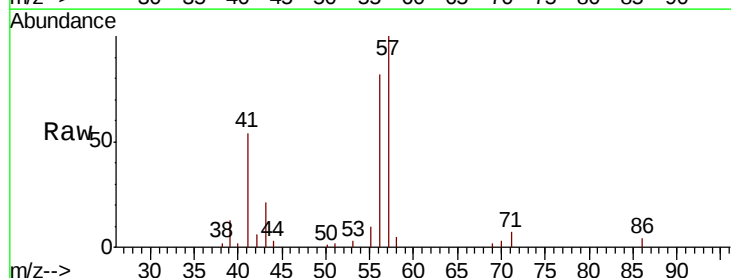


Abundance Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0
 Ion 75.90 (75.60 to 76.60): VU0

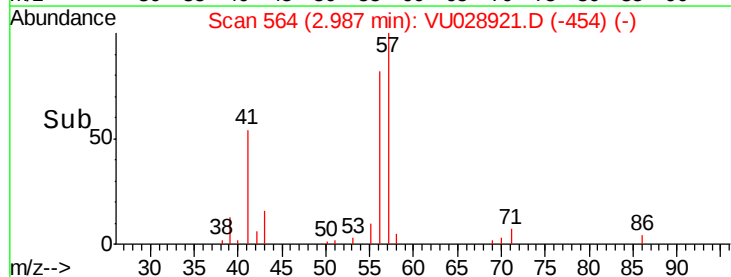
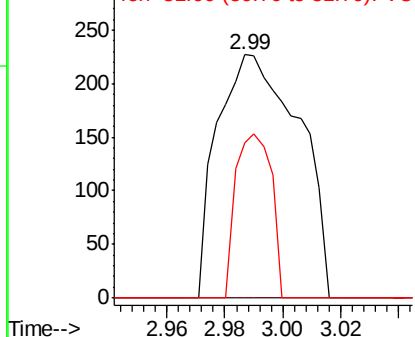


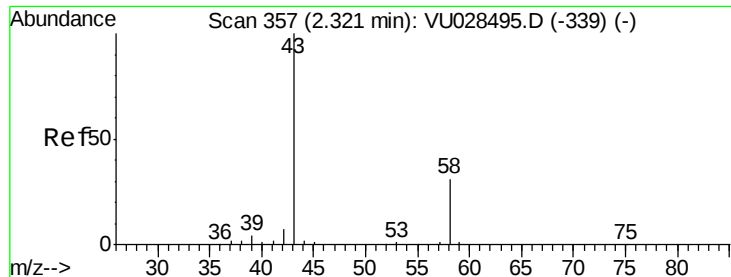
#15
 Acrylonitrile
 Concen: 0.251 ug/l
 RT: 2.99 min Scan# 564
 Delta R.T. 0.05 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

Tgt Ion: 53 Resp: 444
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.1 99.1#
 51 29.3 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VU0
 Ion 52.00 (51.70 to 52.70): VU0
 Ion 51.00 (50.70 to 51.70): VU0





#16

Acetone

Concen: 0.248 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

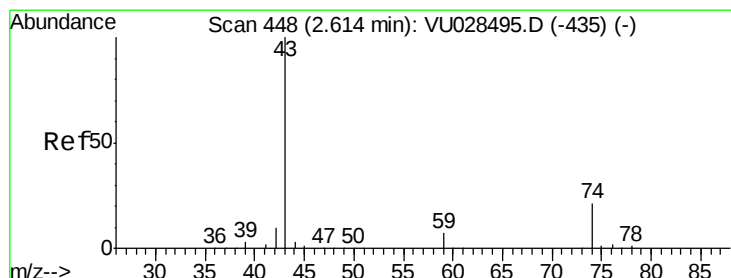
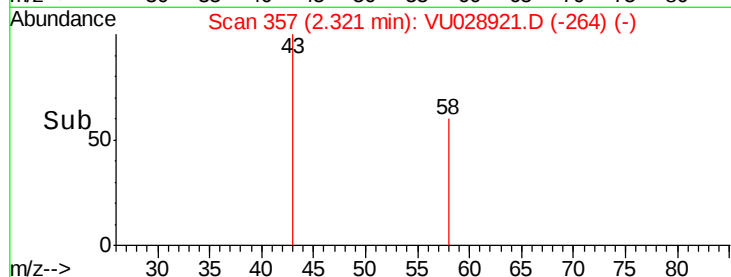
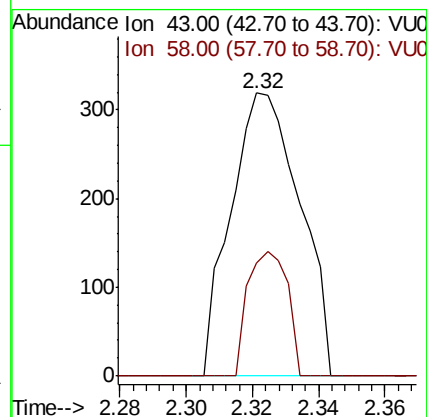
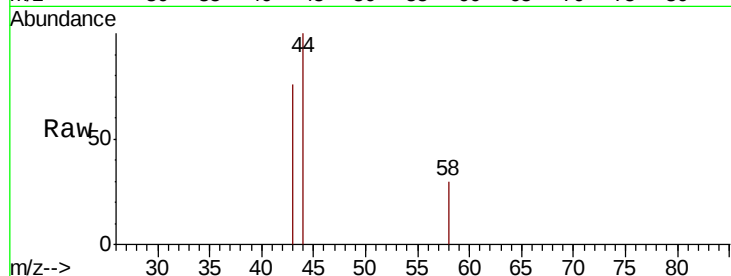
P001-SS013-3638-01ME

Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

58 39.8 24.6 37.0#



#18

Methyl Acetate

Concen: 0.201 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028921.D

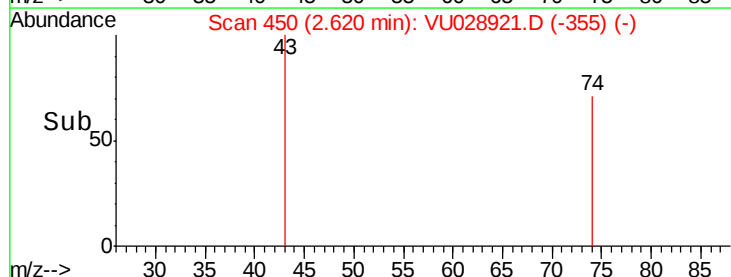
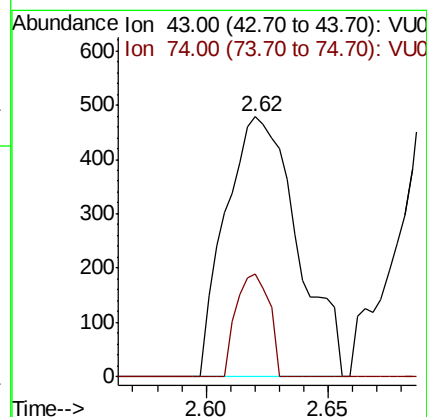
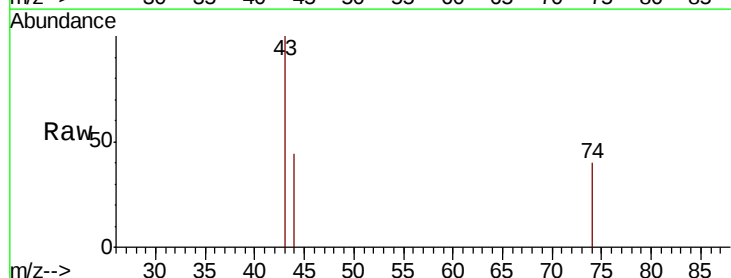
Acq: 22 Dec 2018 17:49

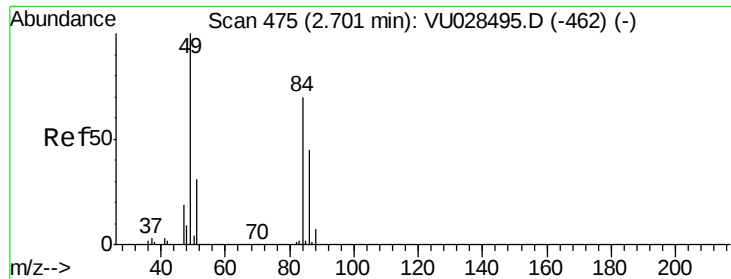
Tgt Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

74 18.0 16.4 24.6

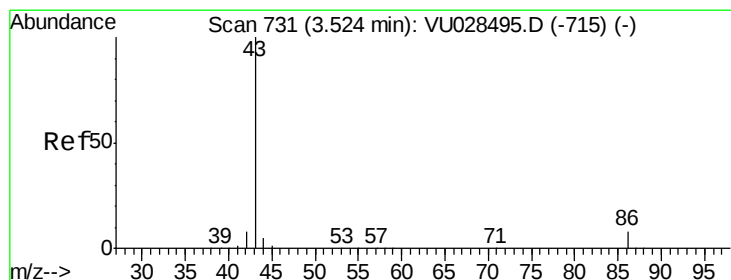
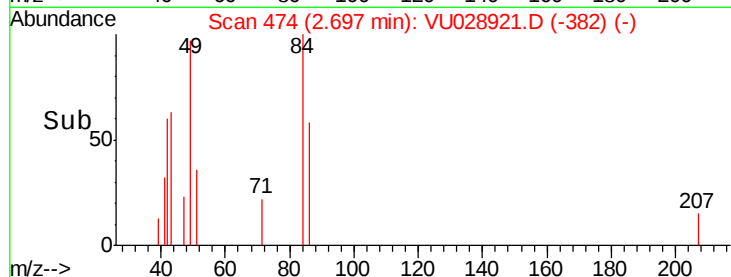
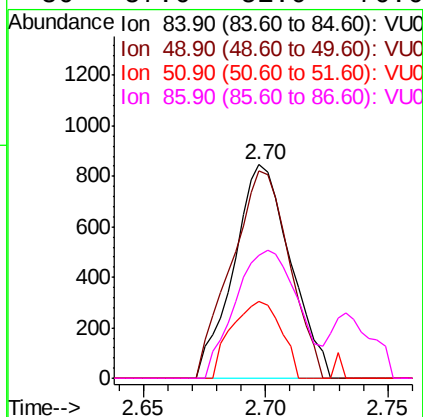
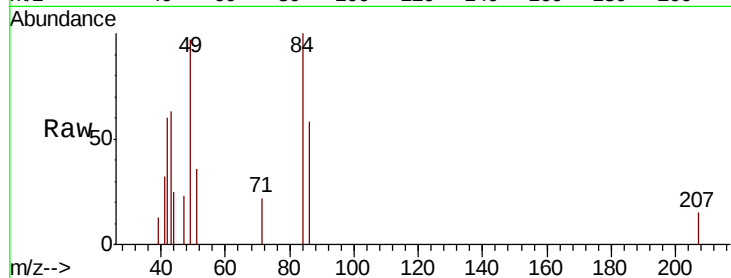




#20
Methylene Chloride
Concen: 0.496 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

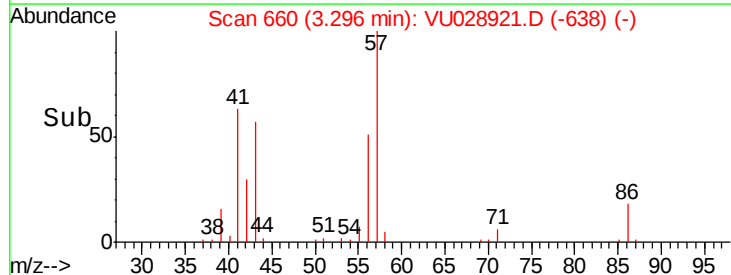
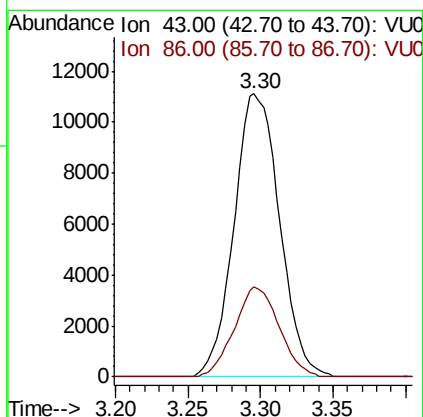
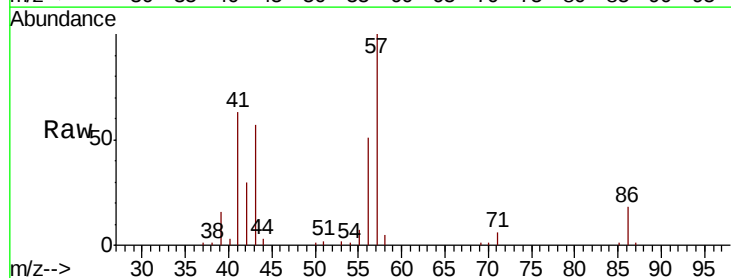
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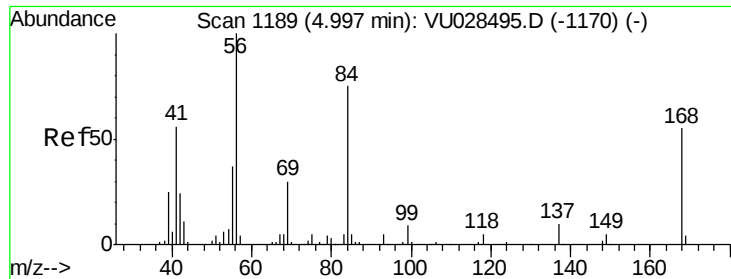
Tgt Ion: 84 Resp: 1366
Ion Ratio Lower Upper
84 100
49 97.2 114.0 171.0#
51 36.3 35.1 52.7
86 57.6 51.0 76.6



#23
Vinyl Acetate
Concen: 3.066 ug/l
RT: 3.30 min Scan# 660
Delta R.T. -0.23 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion: 43 Resp: 24310
Ion Ratio Lower Upper
43 100
86 31.7 6.8 10.2#

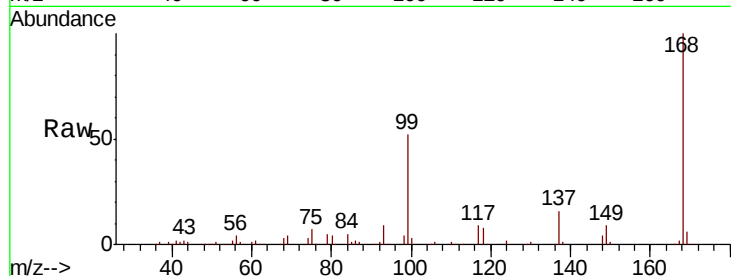




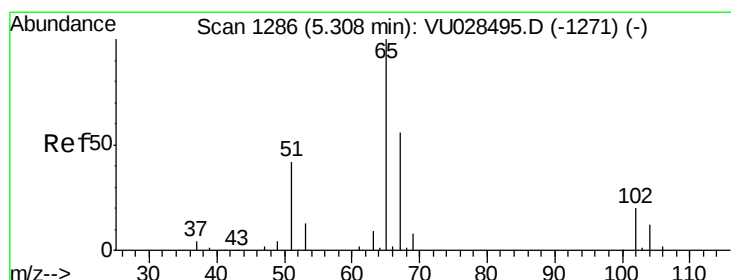
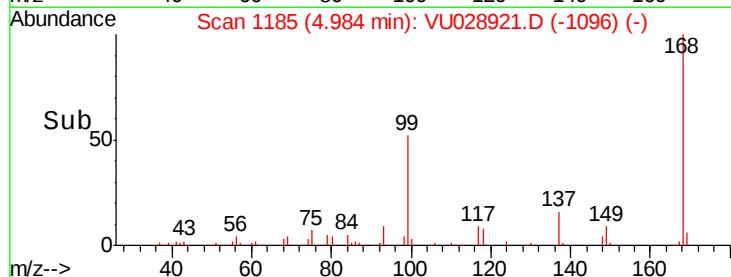
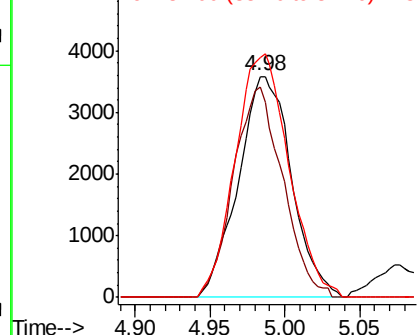
#31
Cyclohexane
Concen: 0.624 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01ME

Tgt Ion: 56 Resp: 8869
Ion Ratio Lower Upper
56 100
69 94.9 24.0 36.0#
84 108.5 59.7 89.5#

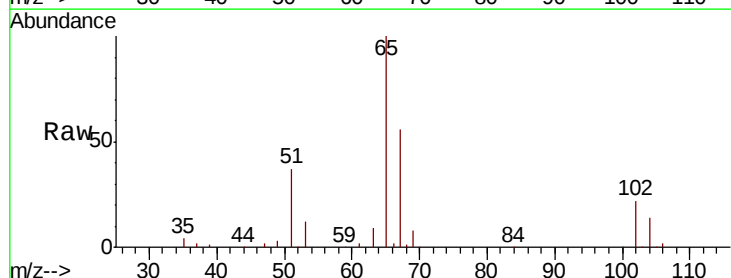


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

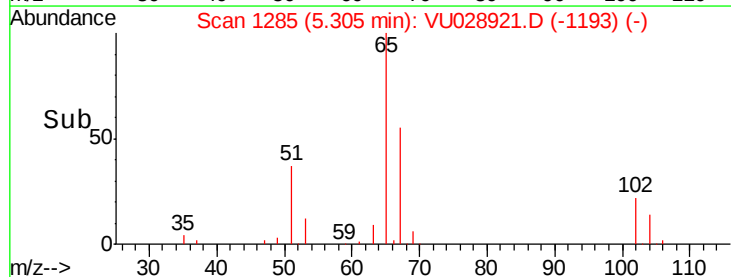
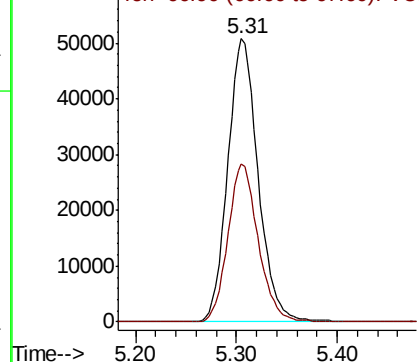


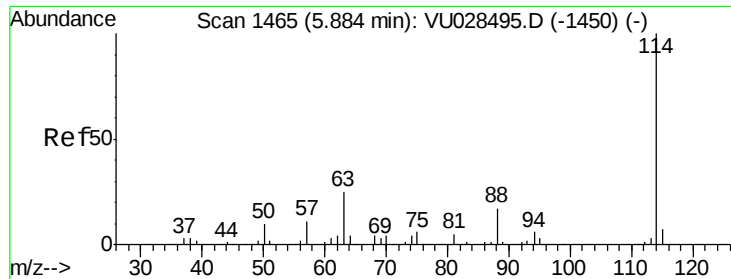
#33
1,2-Dichloroethane-d4
Concen: 37.239 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion: 65 Resp: 106636
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.6



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

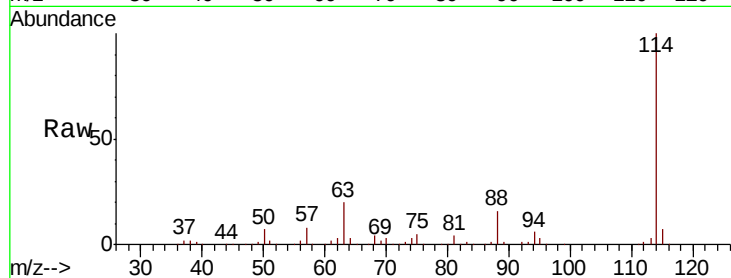




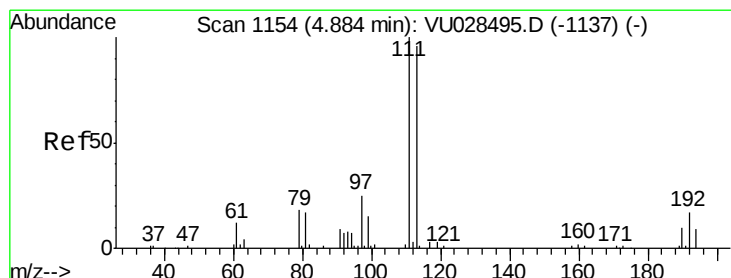
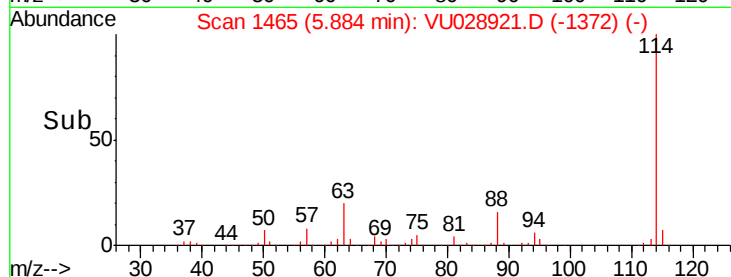
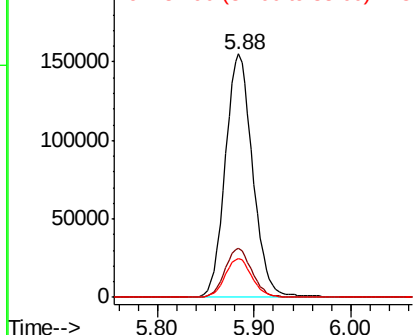
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01ME

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	49.2
88	15.8	0.0	33.4

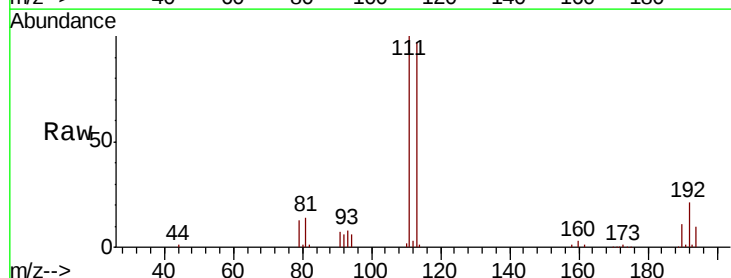


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

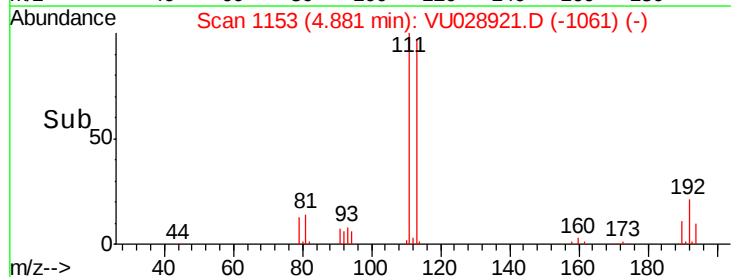
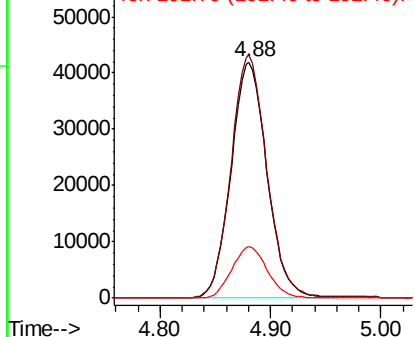


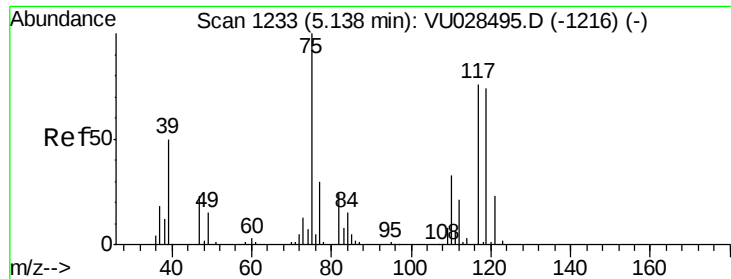
#35
 Dibromofluoromethane
 Concen: 49.416 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.0
192	21.5	14.8	22.2



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: 3.946 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01ME

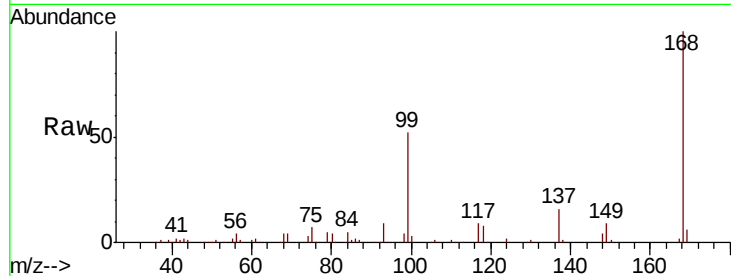
Tgt Ion: 75 Resp: 13175

Ion Ratio Lower Upper

75 100

110 7.1 16.1 48.2#

77 0.0 24.5 36.7#

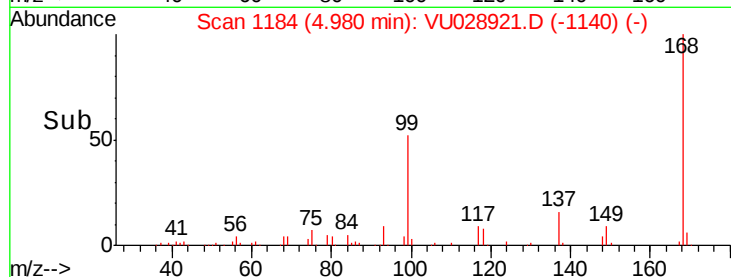


Abundance Ion 74.90 (74.60 to 75.60): VU028921.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU028921.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU028921.D (-1140) (-)

Time-->



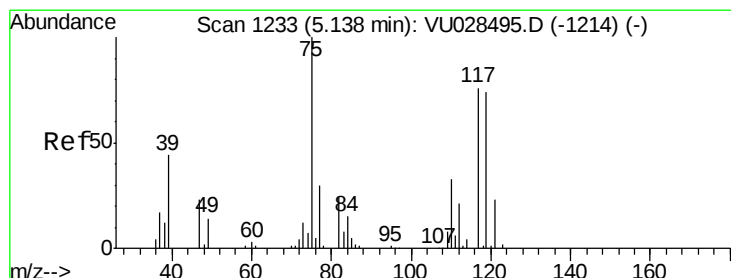
Abundance

Ion 74.90 (74.60 to 75.60): VU028921.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU028921.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU028921.D (-1140) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

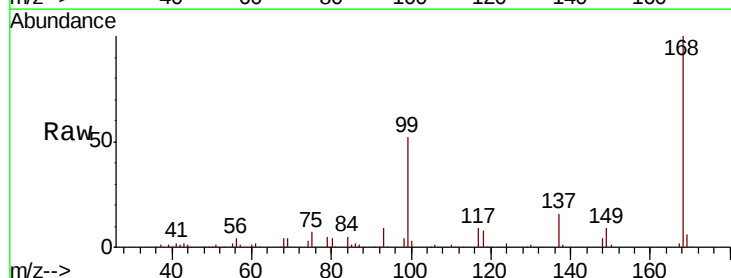
Tgt Ion: 117 Resp: 16115

Ion Ratio Lower Upper

117 100

119 4.9 77.6 116.4#

121 0.0 24.6 36.8#

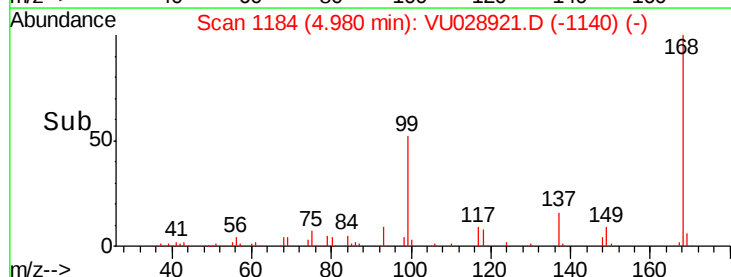


Abundance Ion 116.80 (116.50 to 117.50): VU028921.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU028921.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028921.D (-1140) (-)

Time-->



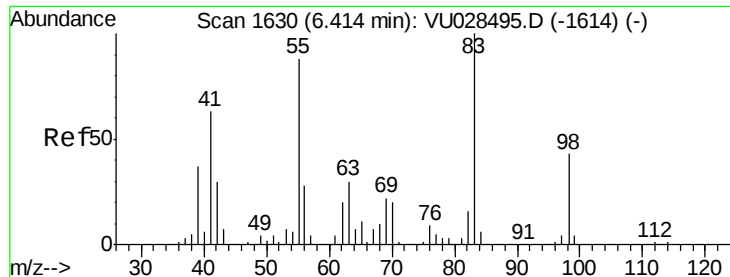
Abundance

Ion 116.80 (116.50 to 117.50): VU028921.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU028921.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028921.D (-1140) (-)

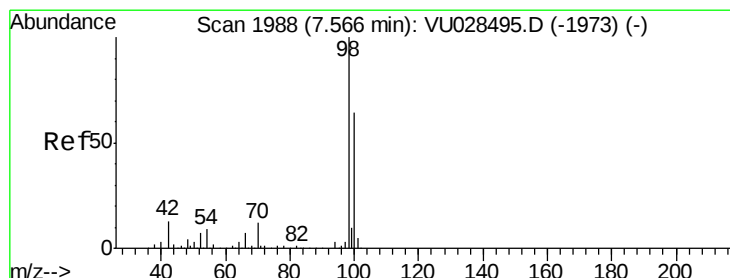
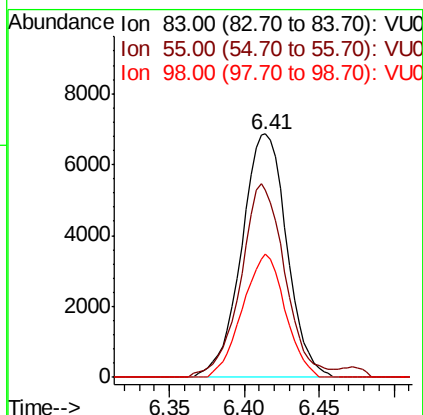
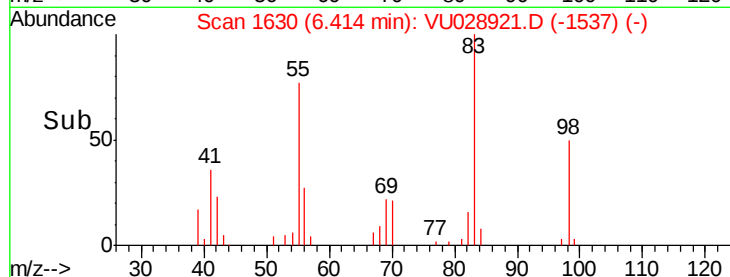
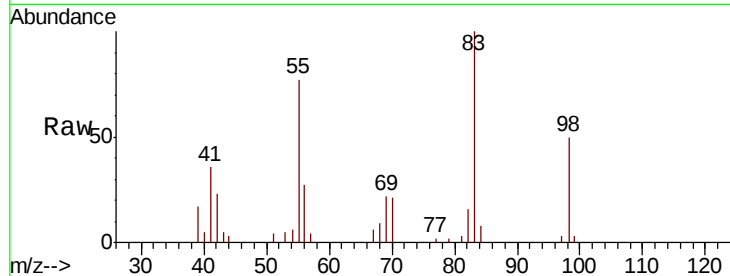
Time-->



#39
Methylcyclohexane
Concen: 3.544 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

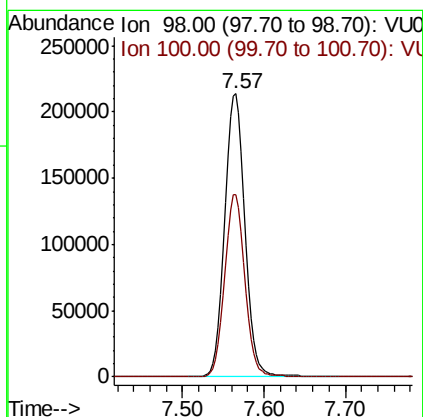
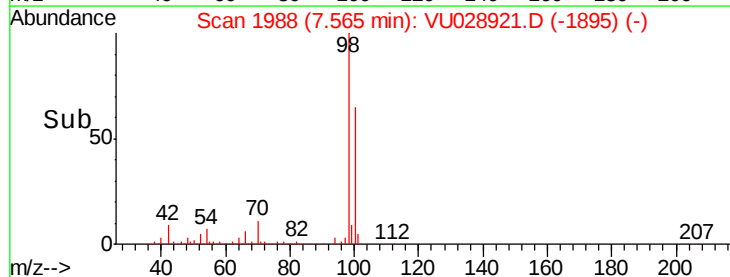
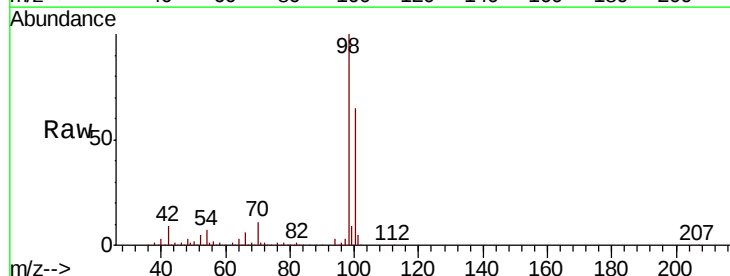
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01ME

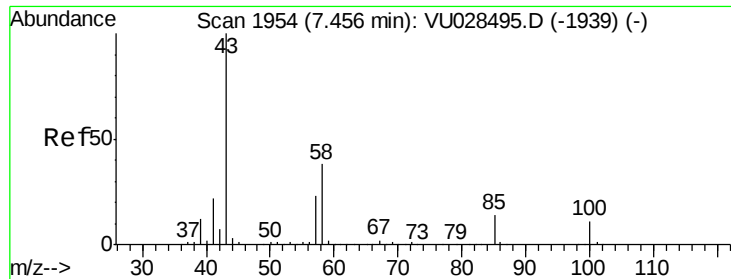
Tgt Ion: 83 Resp: 14435
Ion Ratio Lower Upper
83 100
55 76.7 70.2 105.2
98 50.5 34.2 51.4



#50
Toluene-d8
Concen: 49.919 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion: 98 Resp: 379162
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 0.322 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

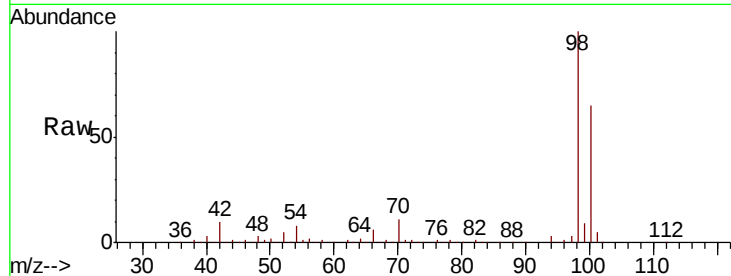
P001-SS013-3638-01ME

Tgt Ion: 43 Resp: 1387

Ion Ratio Lower Upper

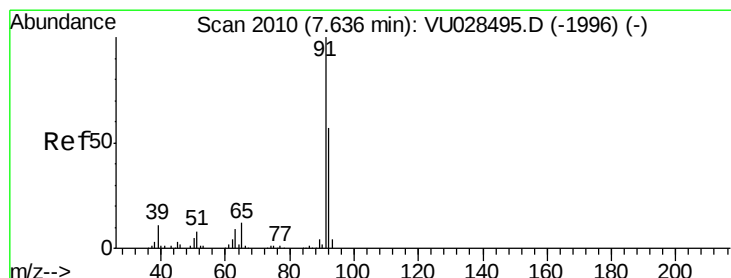
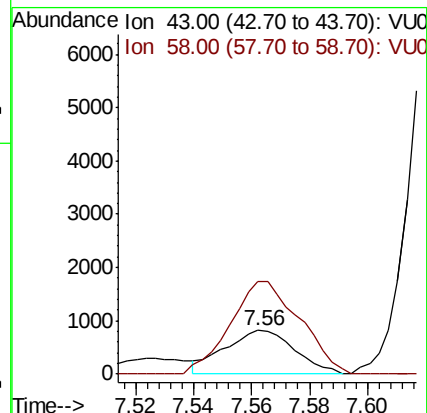
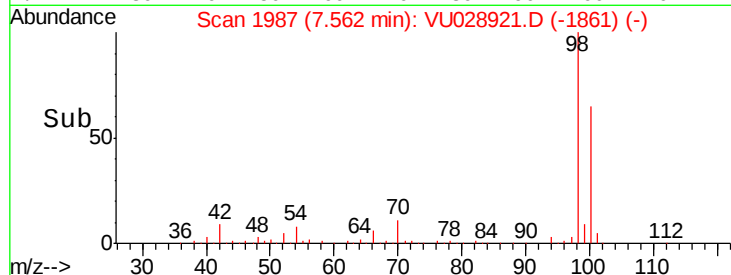
43 100

58 208.7 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 552.503 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028921.D

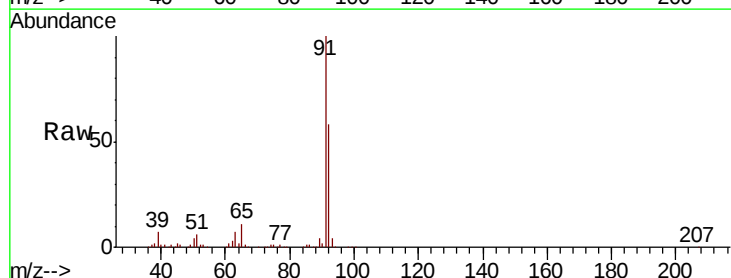
Acq: 22 Dec 2018 17:49

Tgt Ion: 92 Resp: 3197491

Ion Ratio Lower Upper

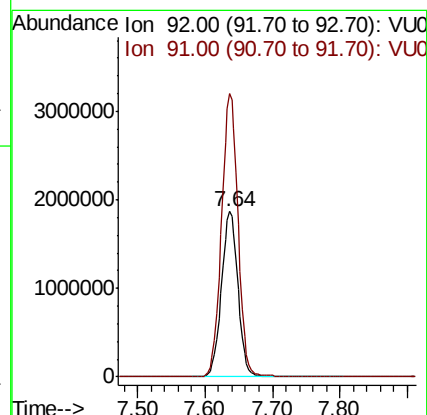
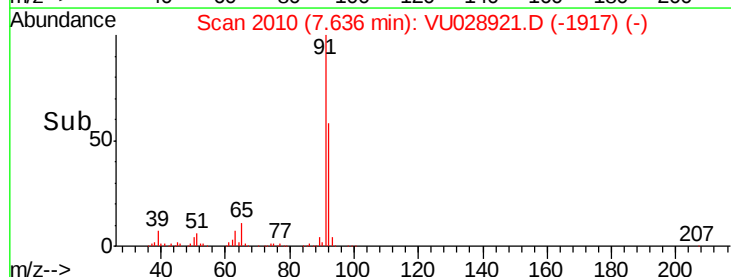
92 100

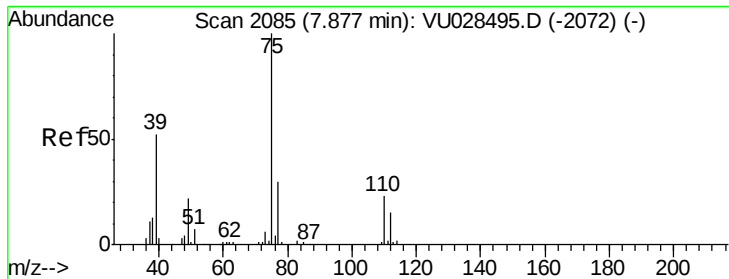
91 172.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 8.627 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.24 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

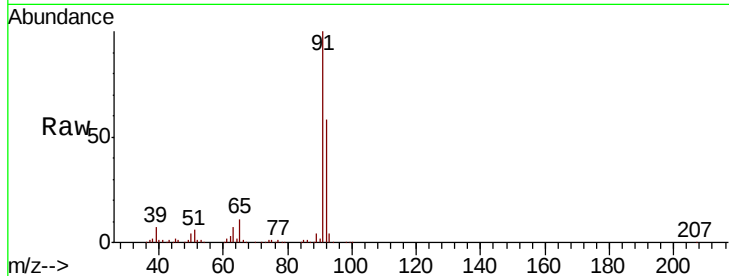
P001-SS013-3638-01ME

Tgt Ion: 75 Resp: 32806

Ion Ratio Lower Upper

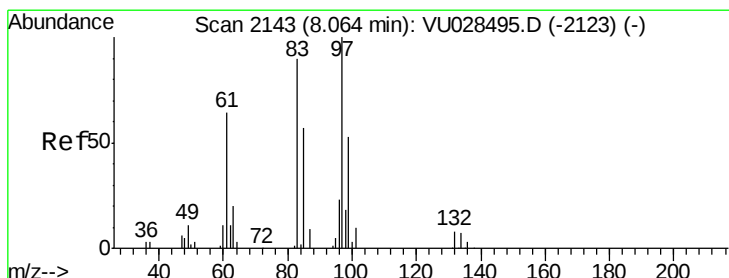
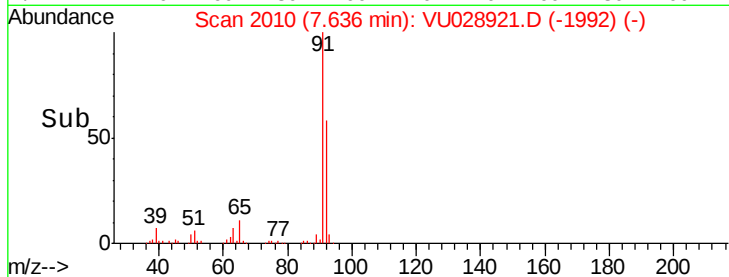
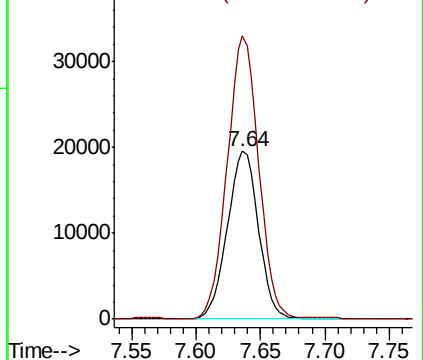
75 100

77 168.9 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#55

1,1,2-Trichloroethane

Concen: 1.070 ug/l

RT: 8.04 min Scan# 2137

Delta R.T. -0.02 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Tgt Ion: 97 Resp: 2447

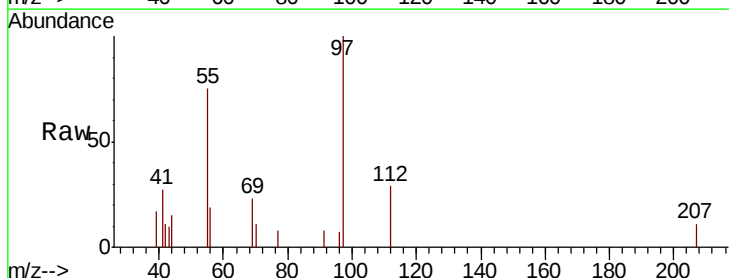
Ion Ratio Lower Upper

97 100

83 0.0 72.4 108.6#

85 0.0 46.0 69.0#

99 0.0 47.4 71.2#

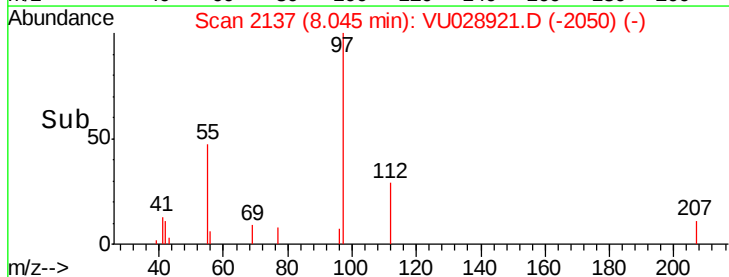
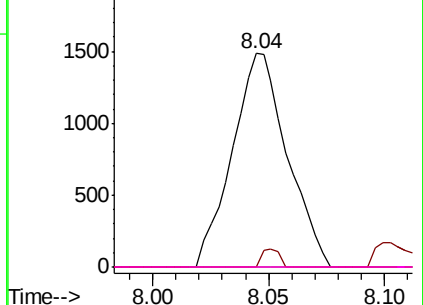


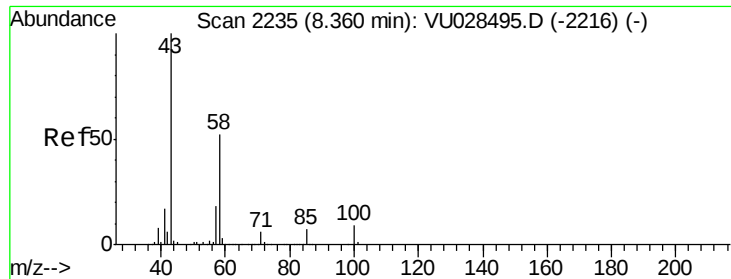
Abundance Ion 96.90 (96.60 to 97.60): VU0

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

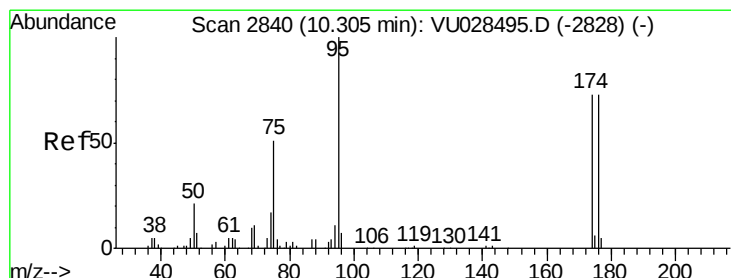
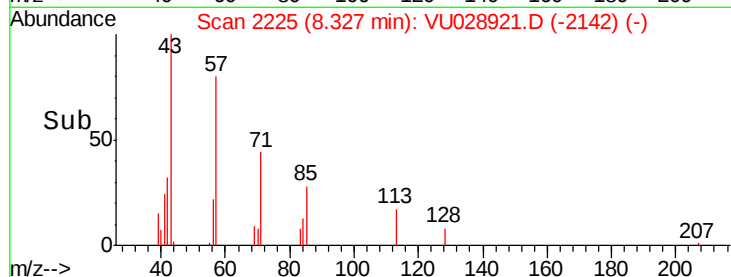
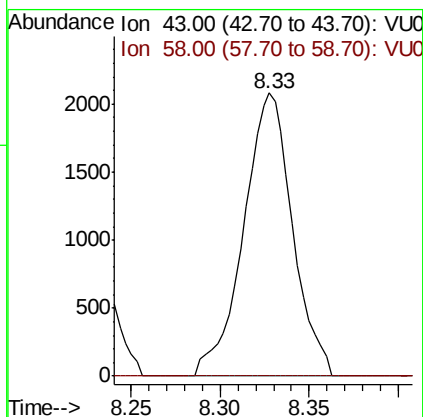
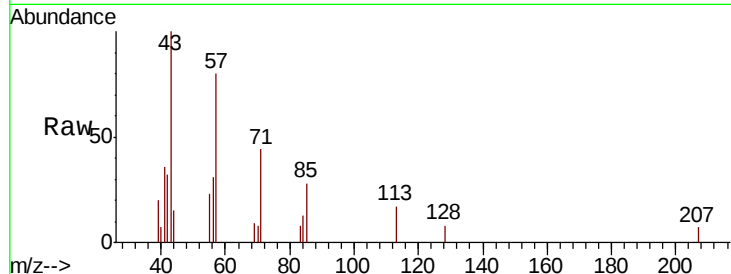




#59
2-Hexanone
Concen: 1.165 ug/l
RT: 8.33 min Scan# 2225
Delta R.T. -0.03 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

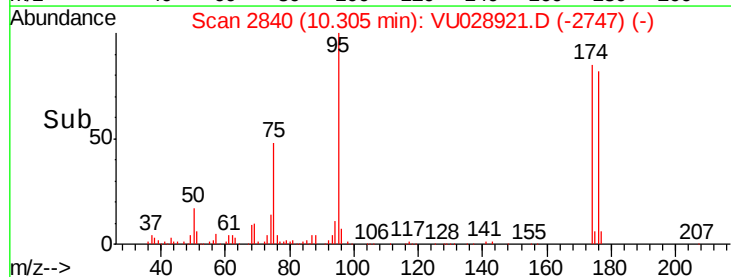
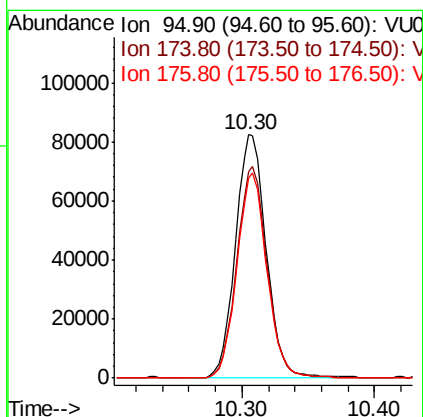
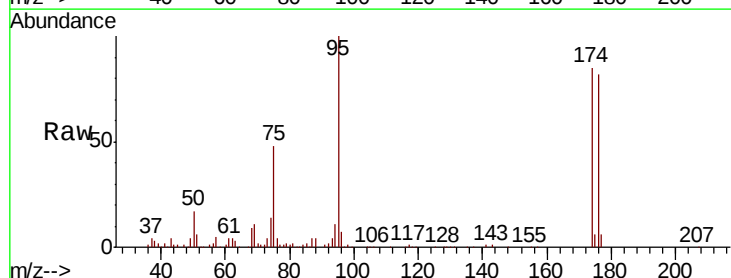
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01ME

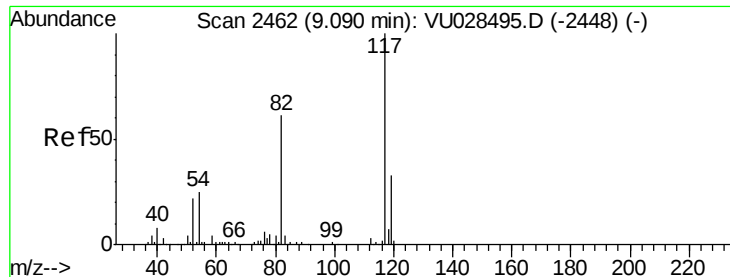
Tgt Ion: 43 Resp: 3976
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 46.802 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion: 95 Resp: 132869
Ion Ratio Lower Upper
95 100
174 85.8 0.0 150.4
176 82.4 0.0 145.2

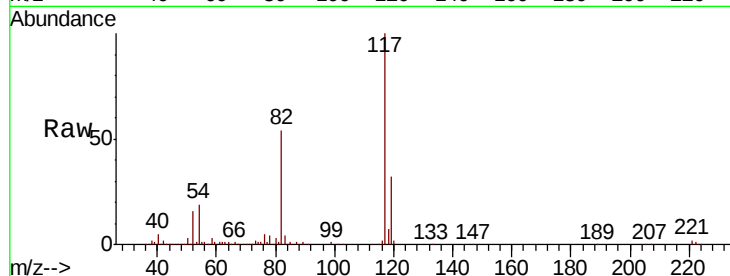




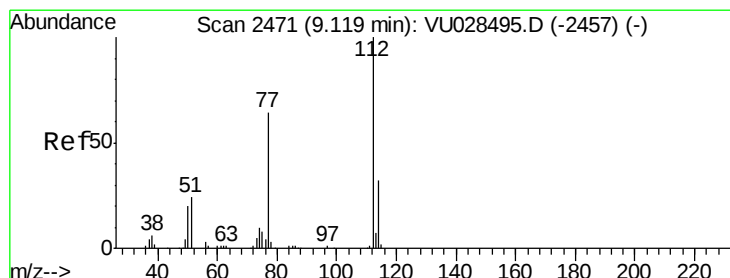
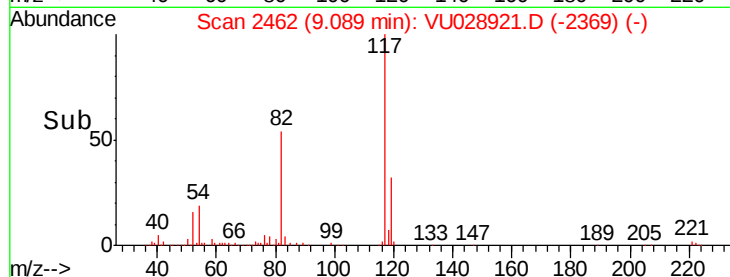
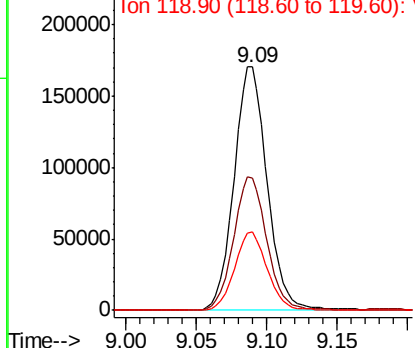
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01ME

Tgt Ion:117 Resp: 280338
Ion Ratio Lower Upper
117 100
82 54.5 48.9 73.3
119 32.0 26.2 39.4

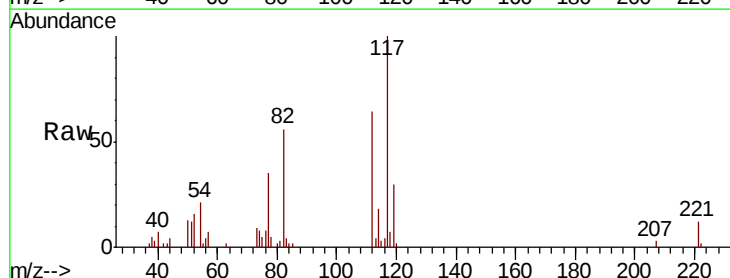


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

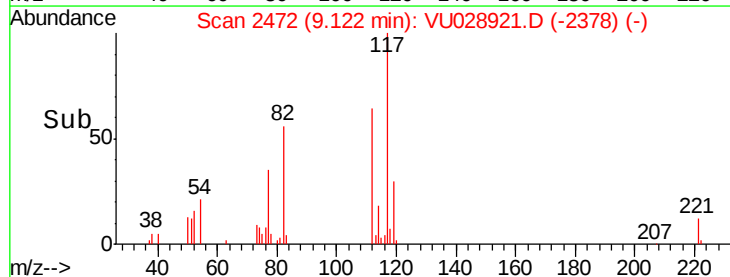
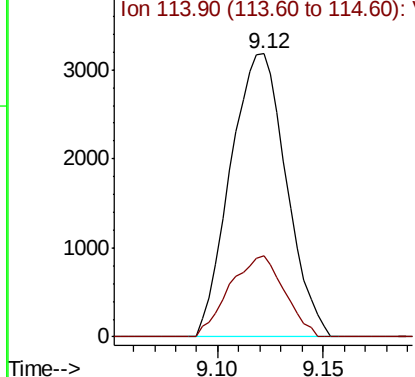


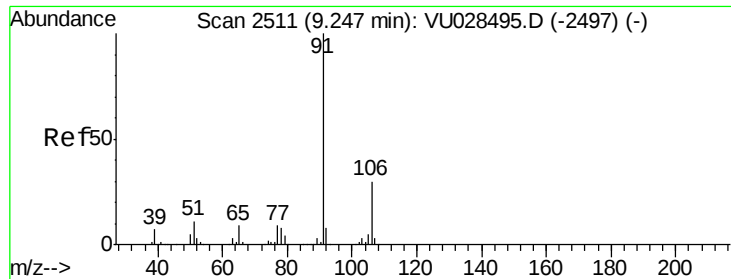
#65
Chlorobenzene
Concen: 0.978 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion:112 Resp: 5842
Ion Ratio Lower Upper
112 100
114 28.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

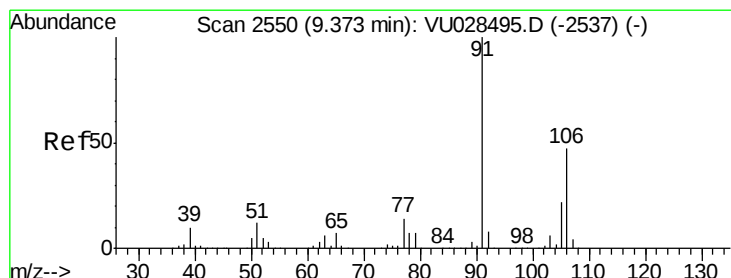
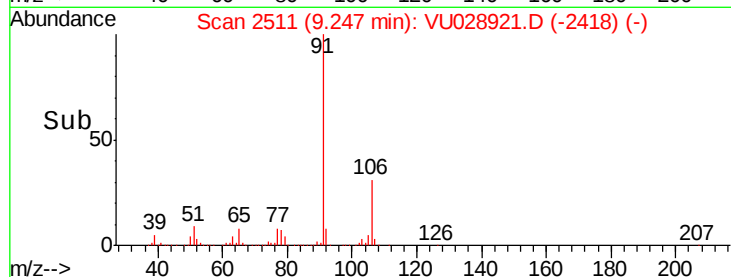
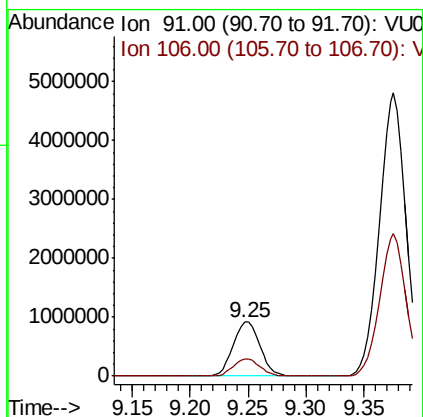
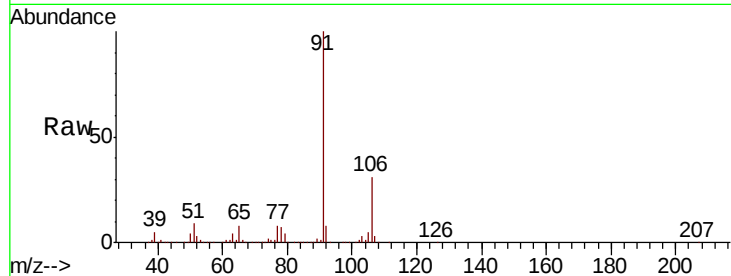




#67
Ethyl Benzene
Concen: 135.278 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

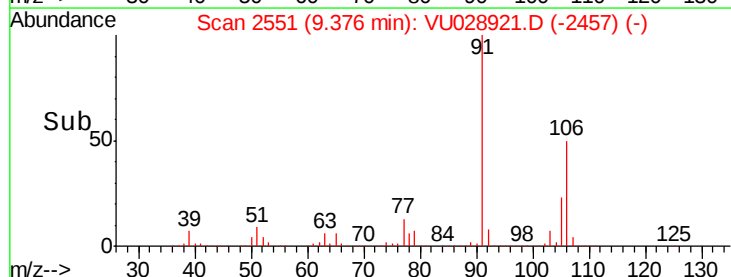
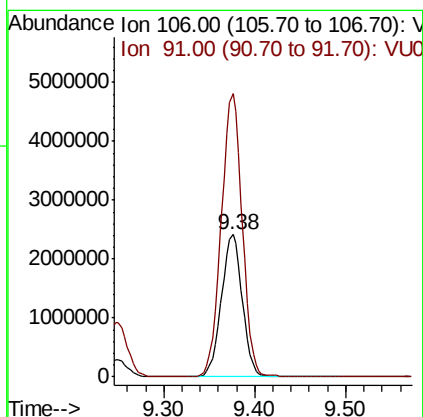
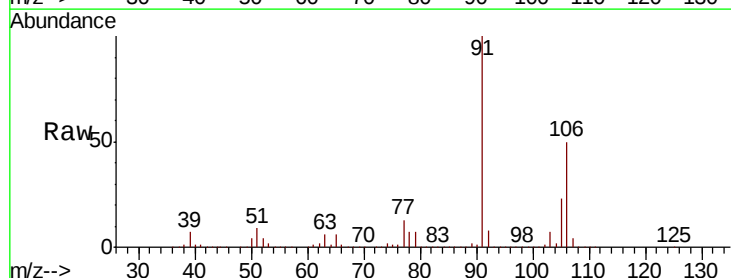
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01ME

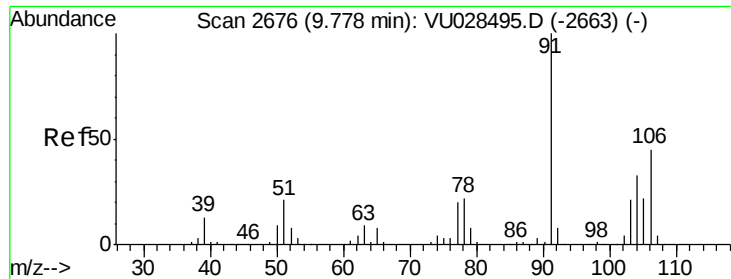
Tgt Ion: 91 Resp: 1485567
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 962.821 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion: 106 Resp: 3847357
Ion Ratio Lower Upper
106 100
91 200.4 167.4 251.0

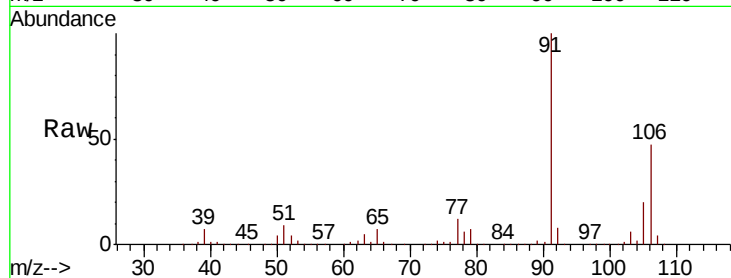




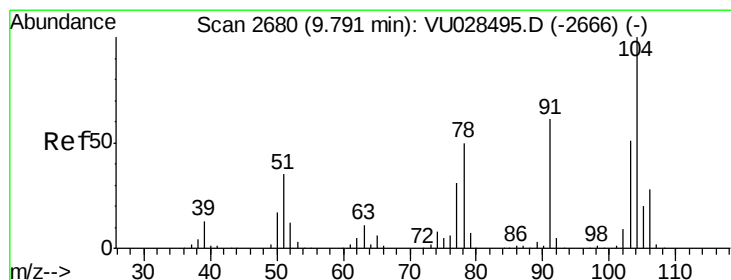
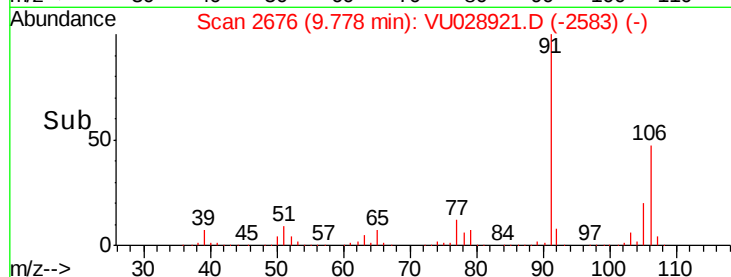
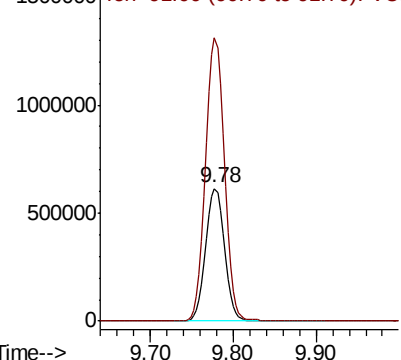
#69
o-Xylene
Concen: 248.037 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01ME

Tgt Ion:106 Resp: 963185
Ion Ratio Lower Upper
106 100
91 213.6 111.3 334.0

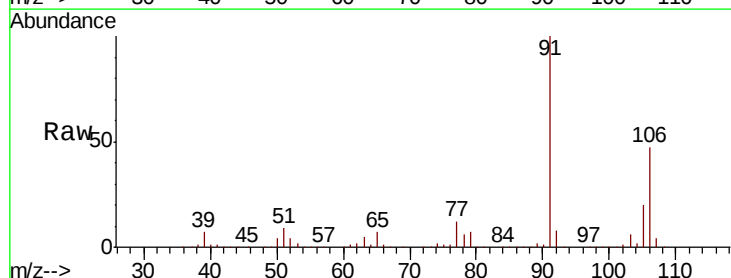


Abundance Ion 106.00 (105.70 to 106.70): V
1500000 Ion 91.00 (90.70 to 91.70): VU0

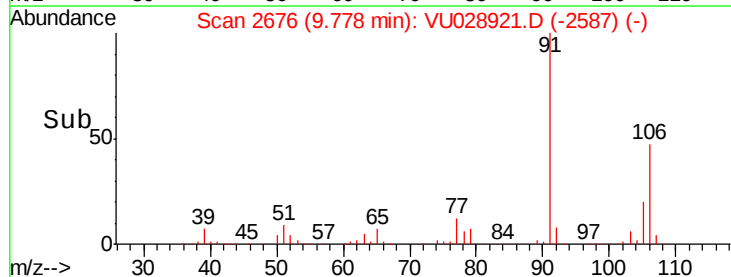
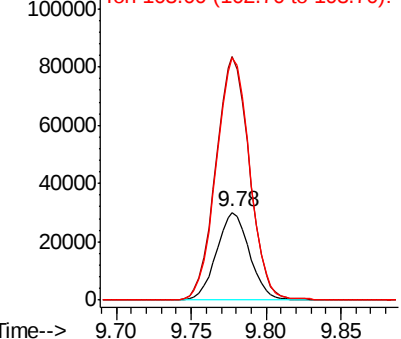


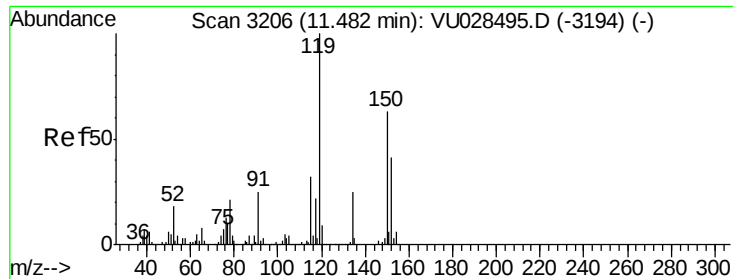
#70
Styrene
Concen: 7.220 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion:104 Resp: 46396
Ion Ratio Lower Upper
104 100
78 282.8 43.0 64.6#
103 280.9 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
100000 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# 3206

Delta R.T. -0.00 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01ME

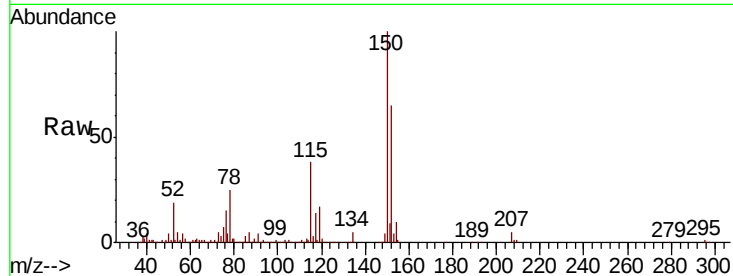
Tgt Ion:152 Resp: 129750

Ion Ratio Lower Upper

152 100

115 60.5 42.7 128.1

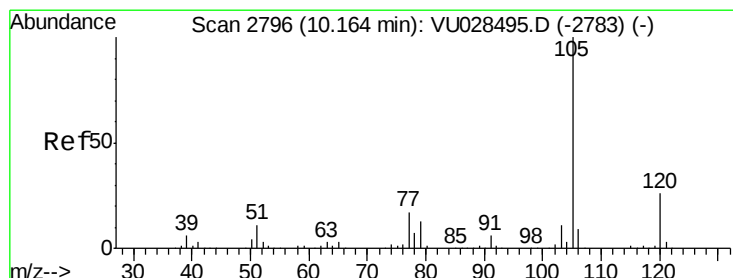
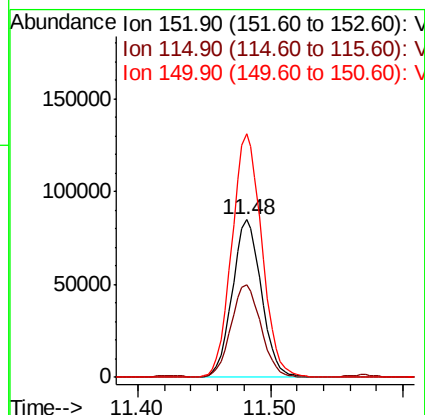
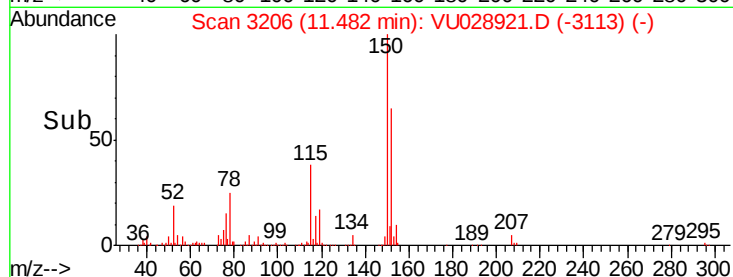
150 158.8 0.0 346.0



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: 3.300 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028921.D

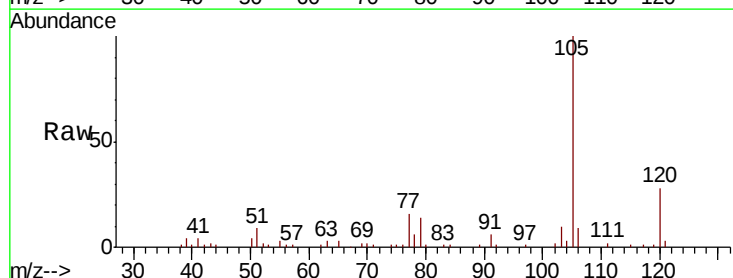
Acq: 22 Dec 2018 17:49

Tgt Ion:105 Resp: 32859

Ion Ratio Lower Upper

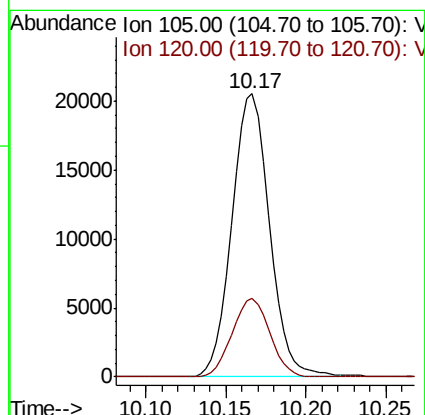
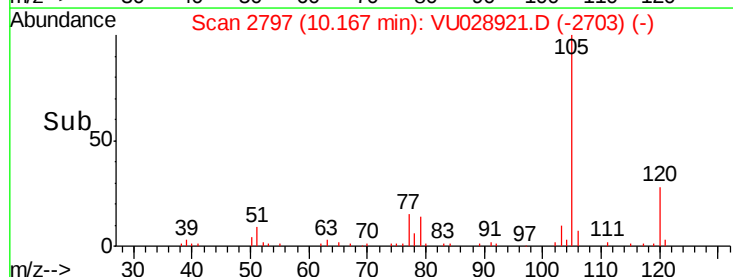
105 100

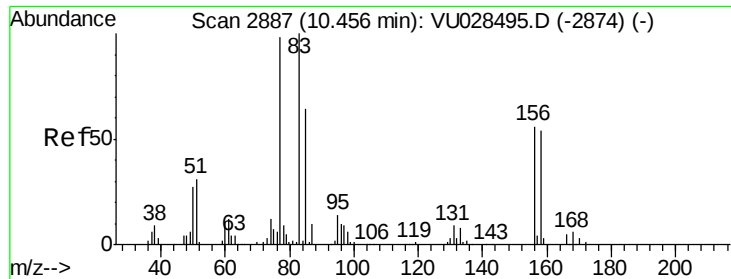
120 27.4 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.226 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01ME

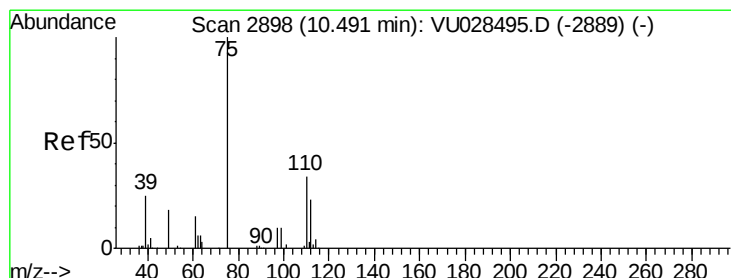
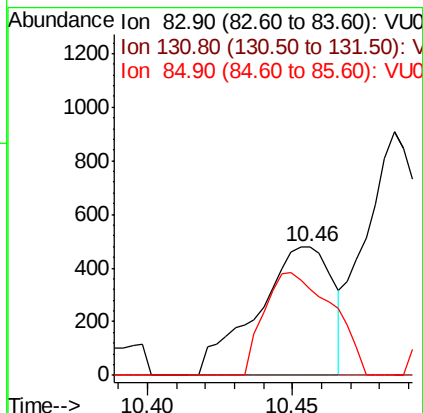
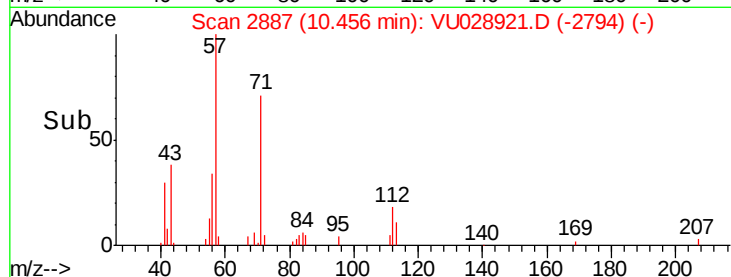
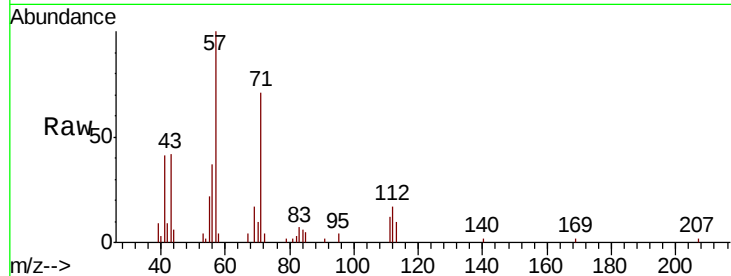
Tgt Ion: 83 Resp: 865

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

85 72.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 2.625 ug/l

RT: 10.60 min Scan# 2933

Delta R.T. 0.11 min

Lab File: VU028921.D

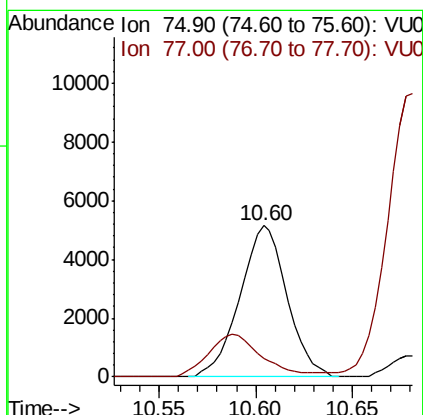
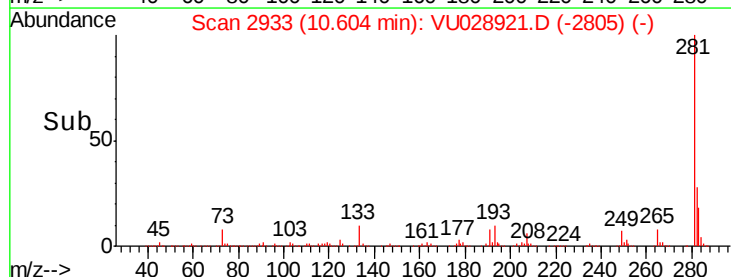
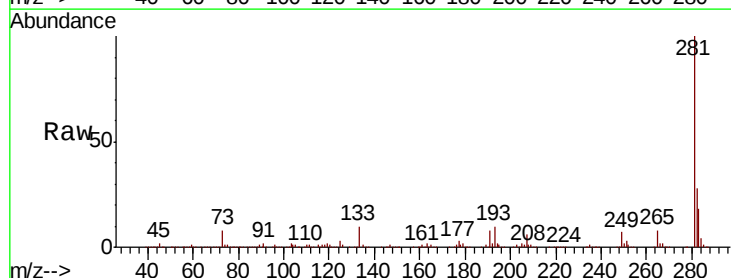
Acq: 22 Dec 2018 17:49

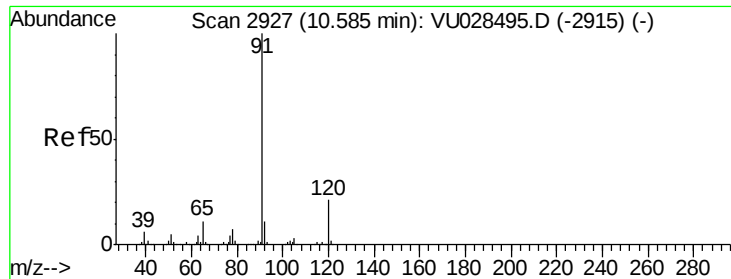
Tgt Ion: 75 Resp: 8697

Ion Ratio Lower Upper

75 100

77 32.1 20.8 62.4





#78

n-propylbenzene

Concen: 4.868 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

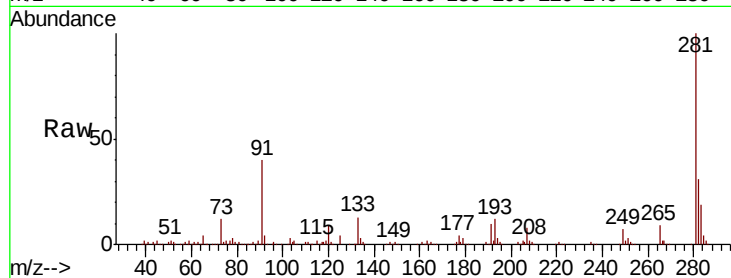
P001-SS013-3638-01ME

Tgt Ion: 91 Resp: 60227

Ion Ratio Lower Upper

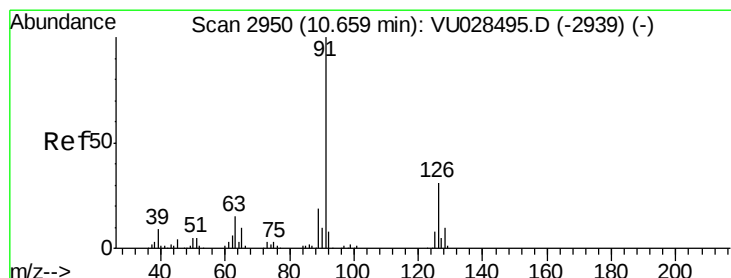
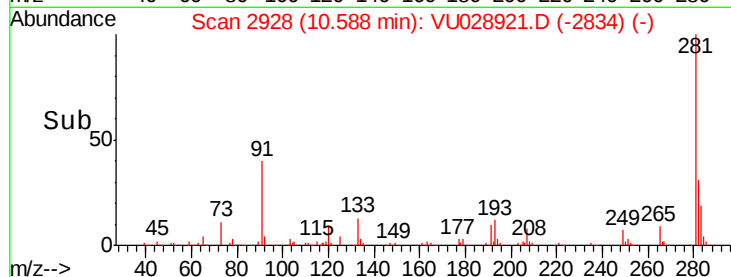
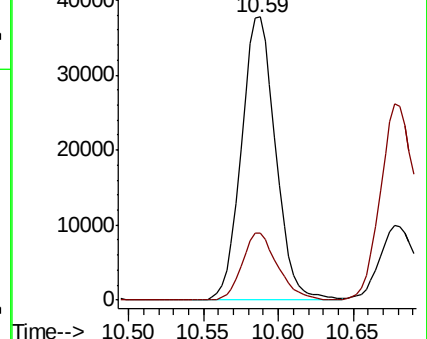
91 100

120 24.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.914 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028921.D

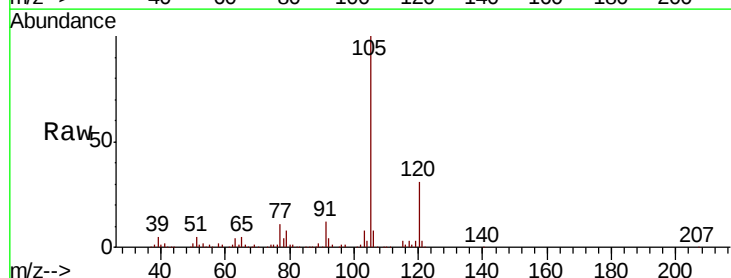
Acq: 22 Dec 2018 17:49

Tgt Ion: 91 Resp: 20764

Ion Ratio Lower Upper

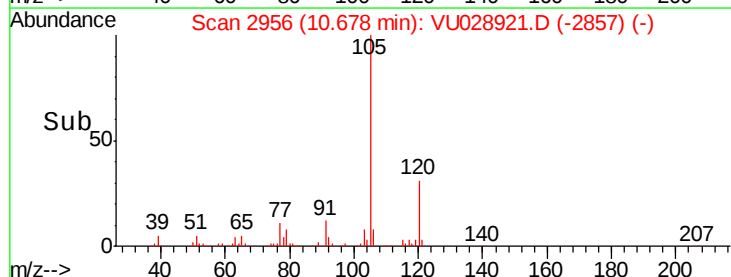
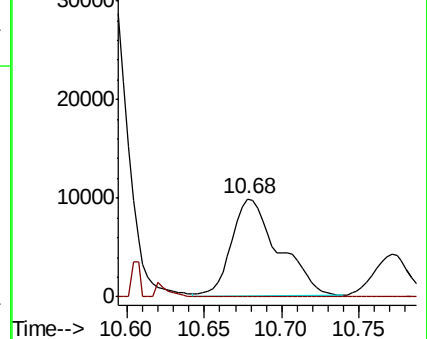
91 100

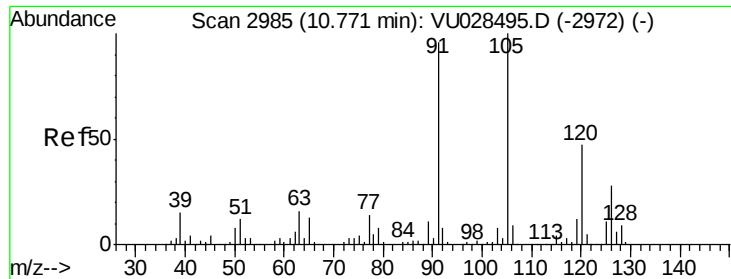
126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

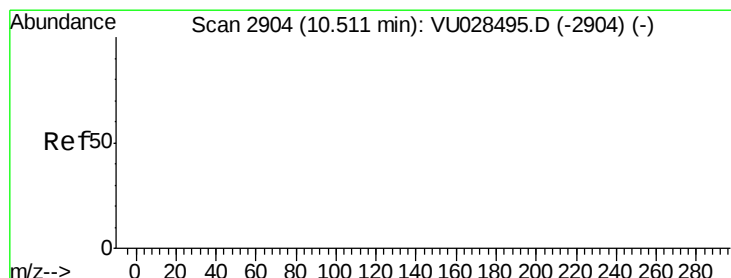
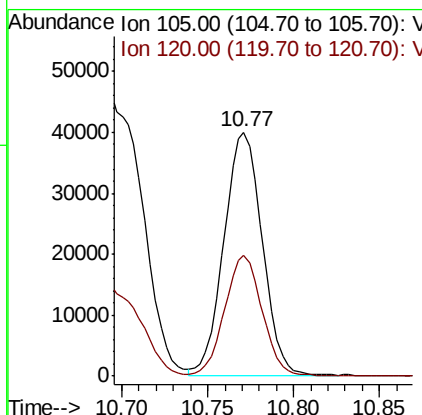
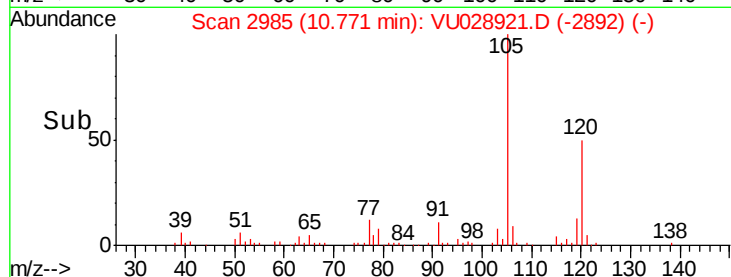
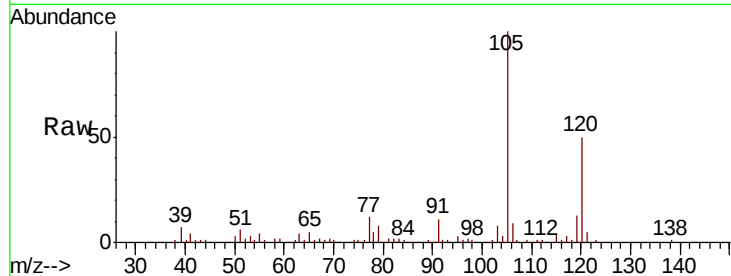




#80
 1,3,5-Trimethylbenzene
 Concen: 7.506 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

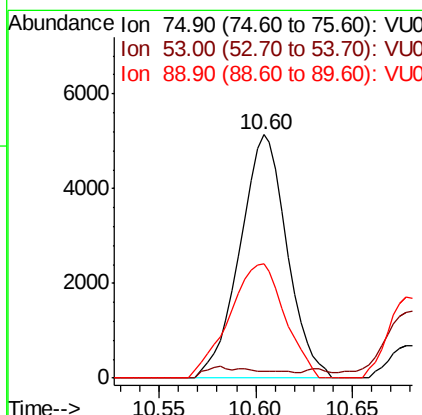
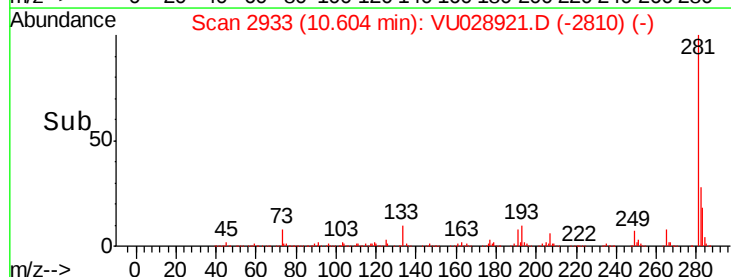
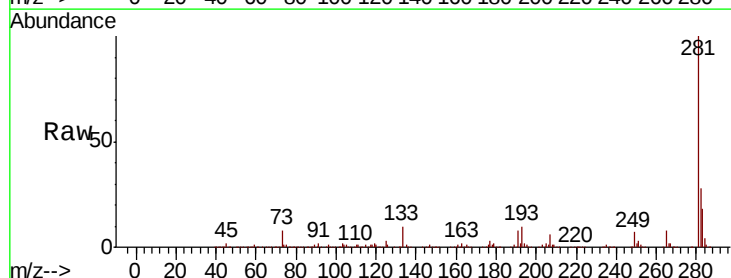
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01ME

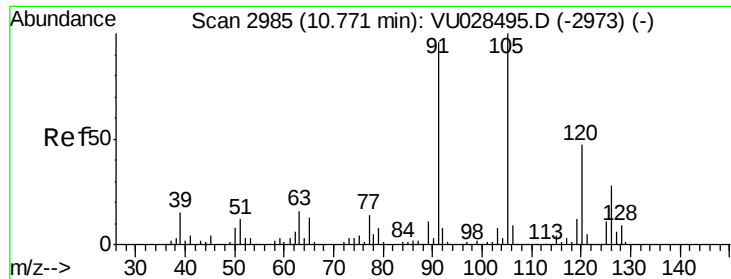
Tgt Ion: 105 Resp: 61863
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.910 ug/l
 RT: 10.60 min Scan# 2933
 Delta R.T. 0.09 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

Tgt Ion: 75 Resp: 8697
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 55.1 0.0 0.0#

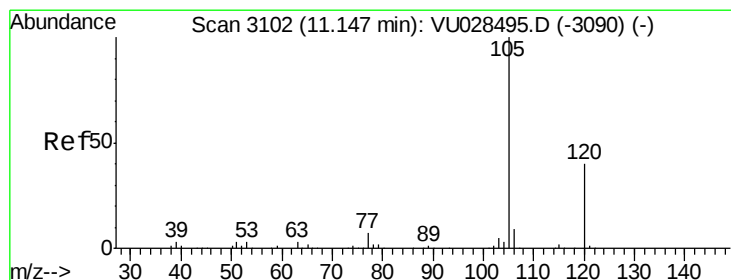
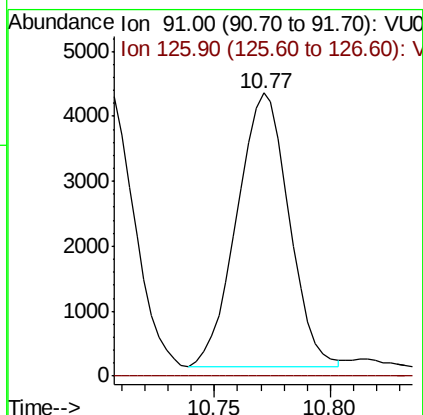
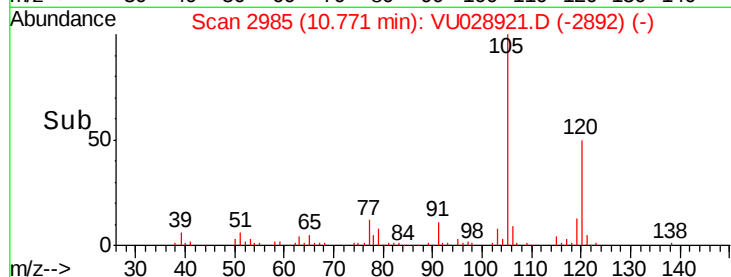
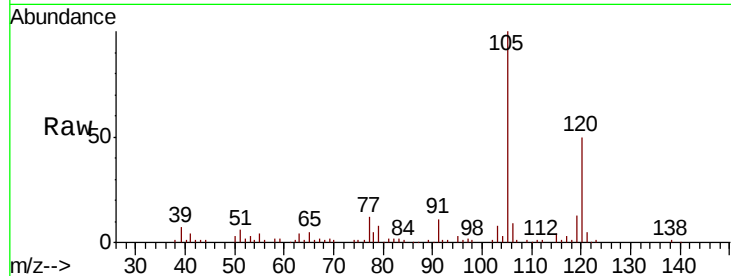




#82
4-Chlorotoluene
Concen: 0.775 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

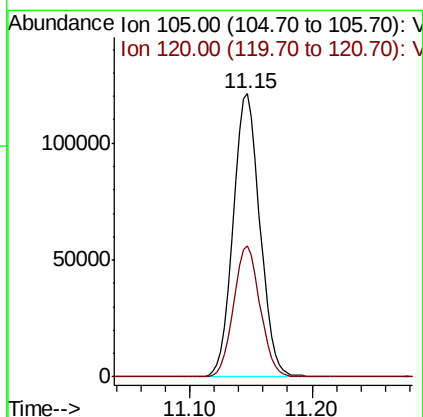
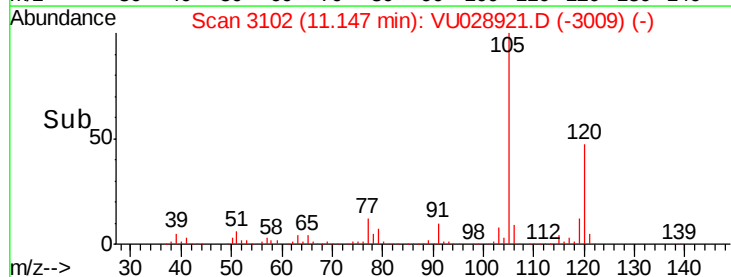
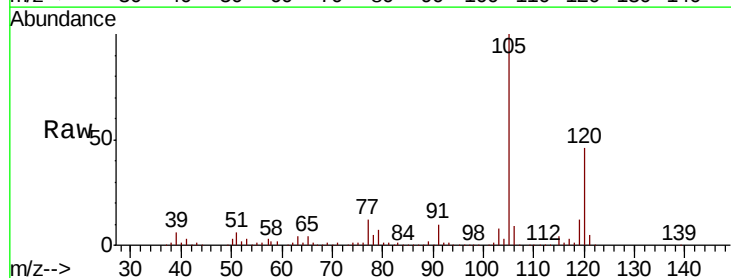
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01ME

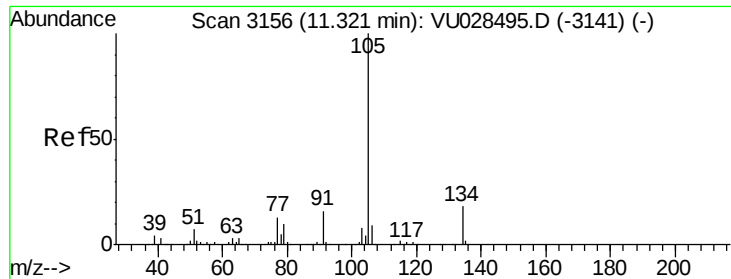
Tgt Ion: 91 Resp: 6548
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#



#84
1,2,4-Trimethylbenzene
Concen: 21.773 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion: 105 Resp: 184932
Ion Ratio Lower Upper
105 100
120 45.9 21.8 65.4

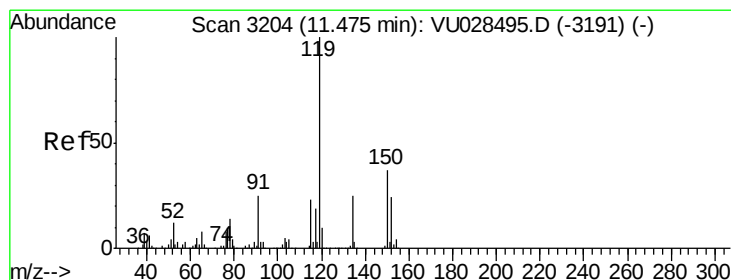
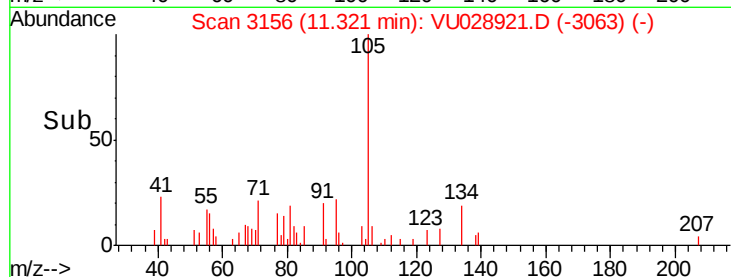
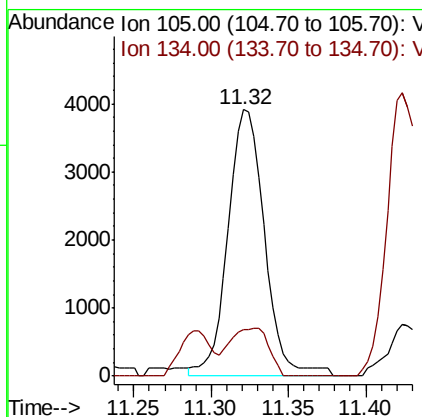
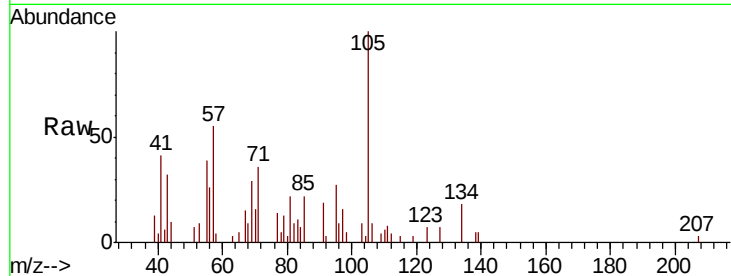




#85
 sec-Butylbenzene
 Concen: 0.631 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

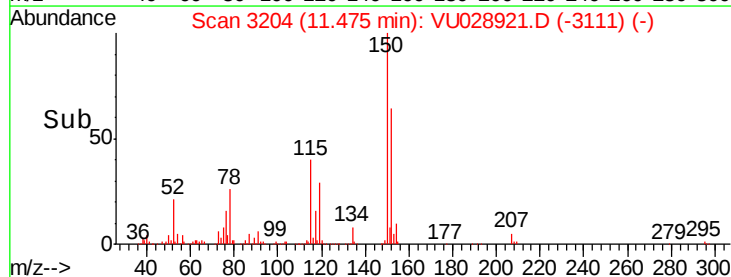
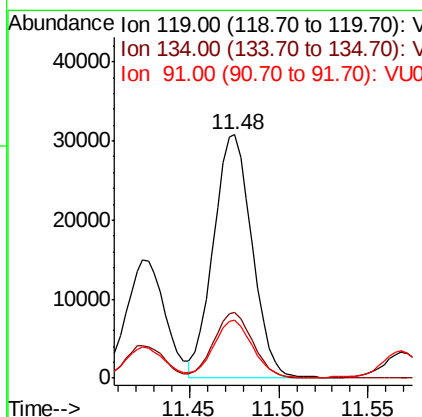
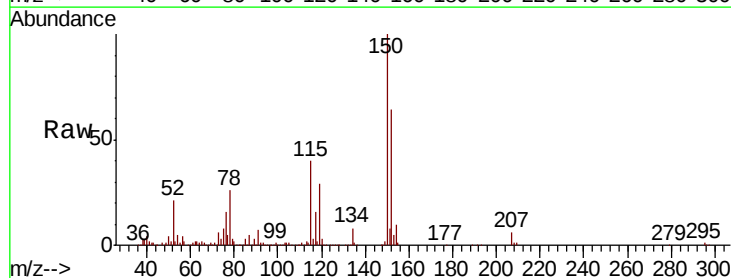
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01ME

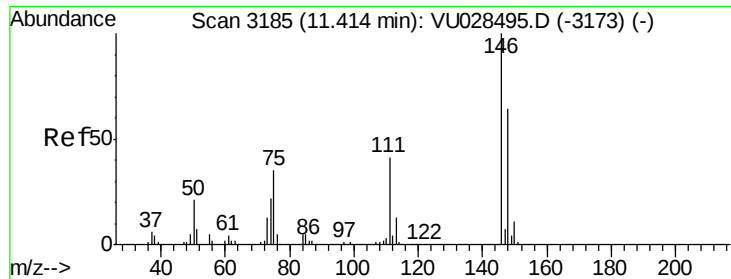
Tgt Ion:105 Resp: 6438
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 5.328 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

Tgt Ion:119 Resp: 46189
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.7 38.1
 91 24.1 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 2.256 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.09 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01ME

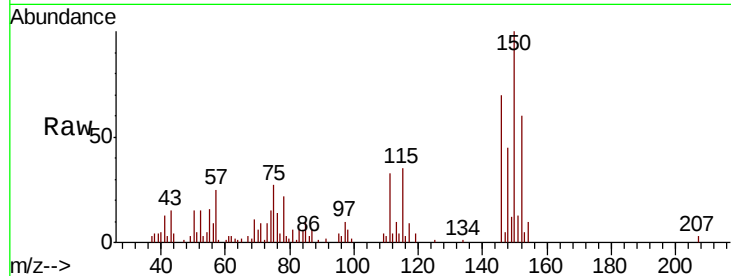
Tgt Ion:146 Resp: 9920

Ion Ratio Lower Upper

146 100

111 57.1 20.7 62.1

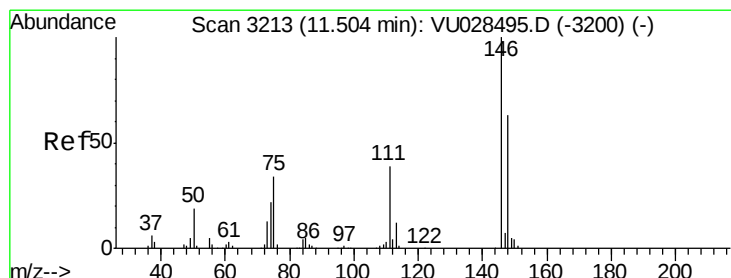
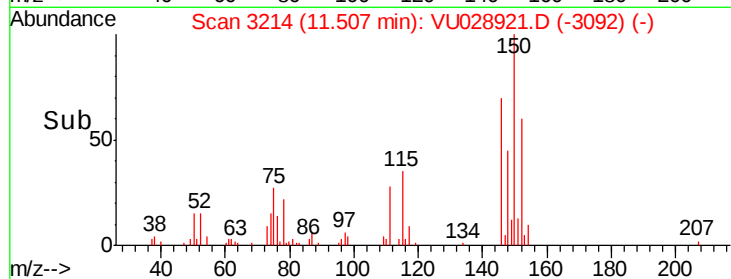
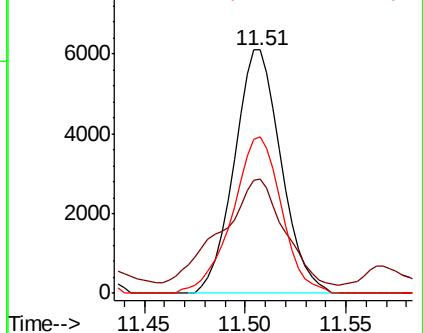
148 67.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 2.181 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

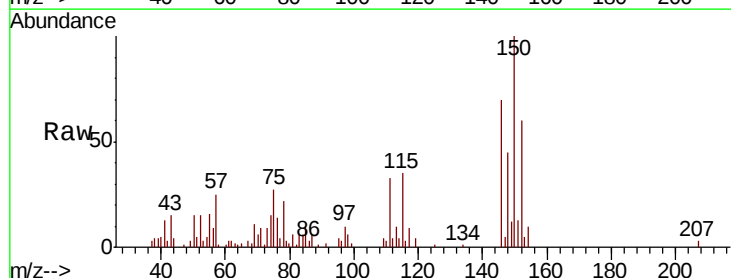
Tgt Ion:146 Resp: 9920

Ion Ratio Lower Upper

146 100

111 57.1 20.2 60.5

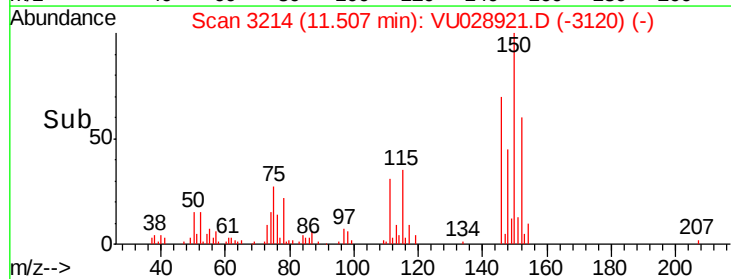
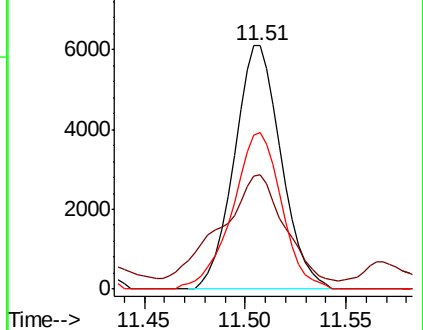
148 67.5 31.6 95.0

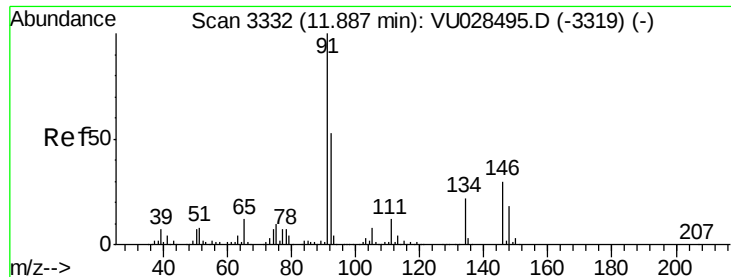


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

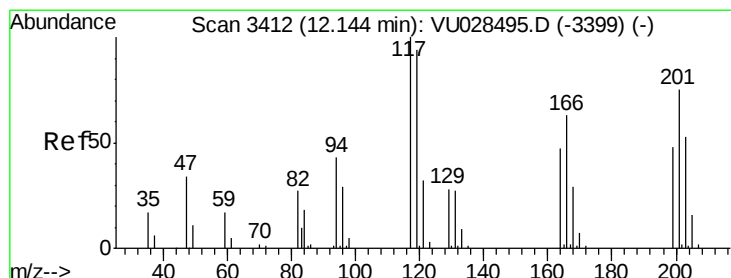
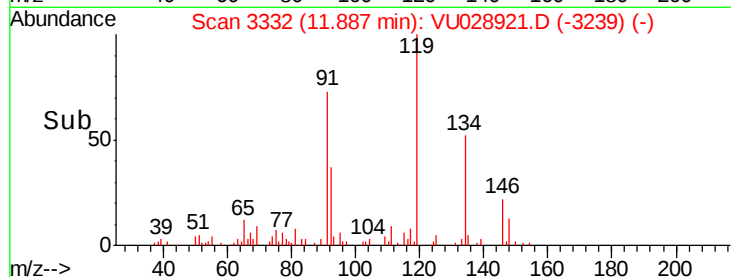
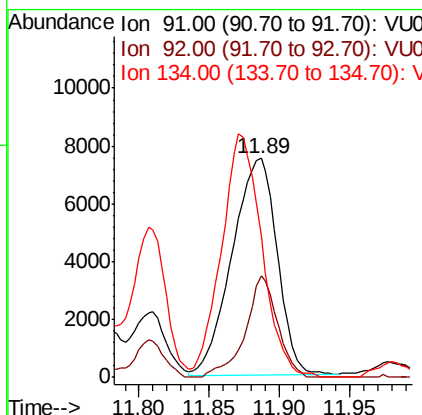
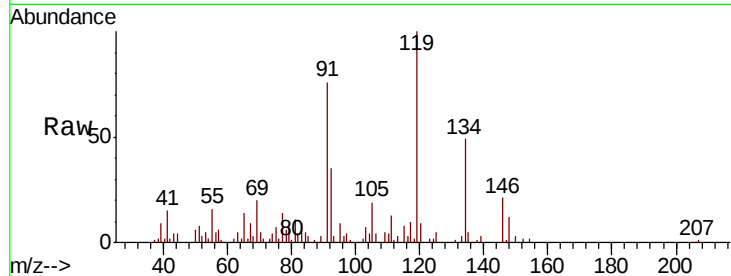




#89
n-Butylbenzene
Concen: 1.911 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

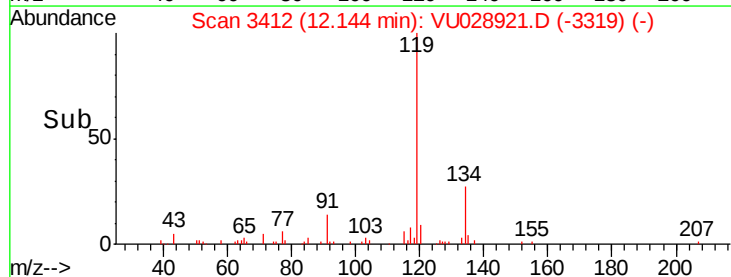
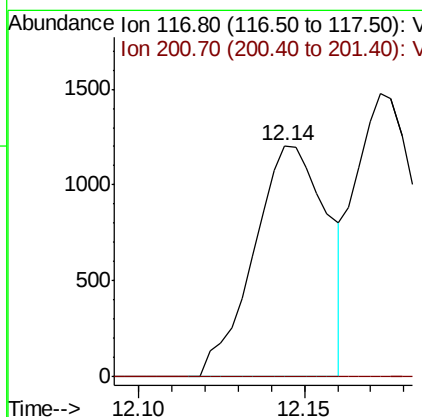
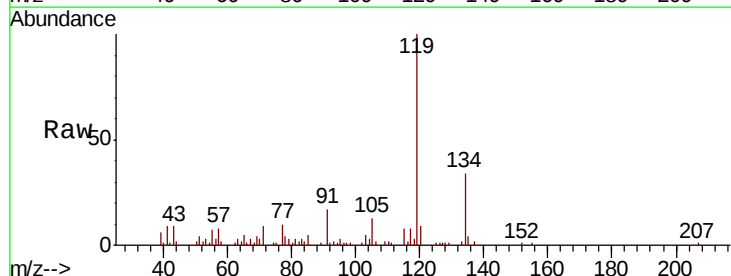
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01ME

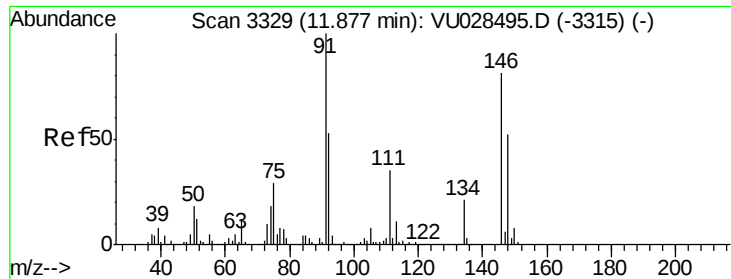
Tgt Ion: 91 Resp: 16769
Ion Ratio Lower Upper
91 100
92 33.2 26.3 78.9
134 100.5 11.3 33.8#



#90
Hexachloroethane
Concen: 1.423 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028921.D
Acq: 22 Dec 2018 17:49

Tgt Ion: 117 Resp: 1865
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#

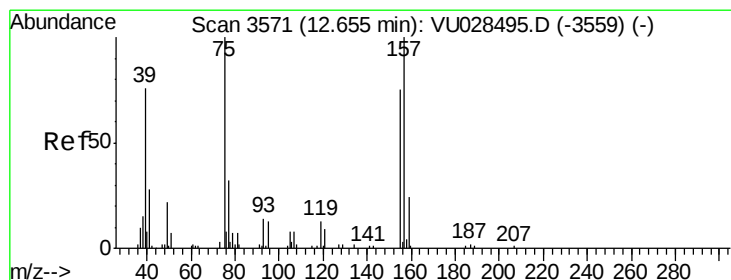
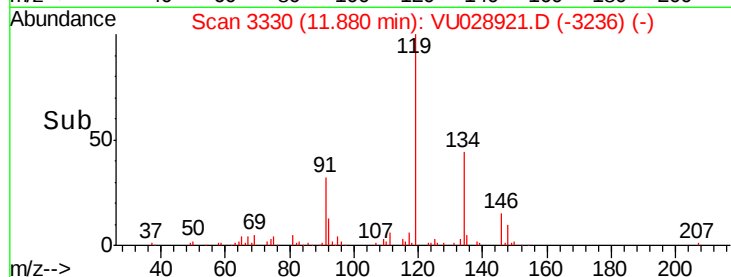
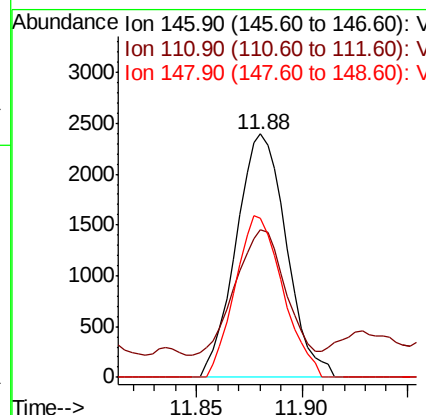
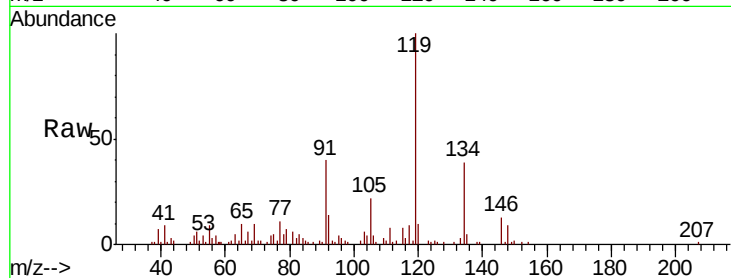




#91
 1,2-Dichlorobenzene
 Concen: 0.902 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

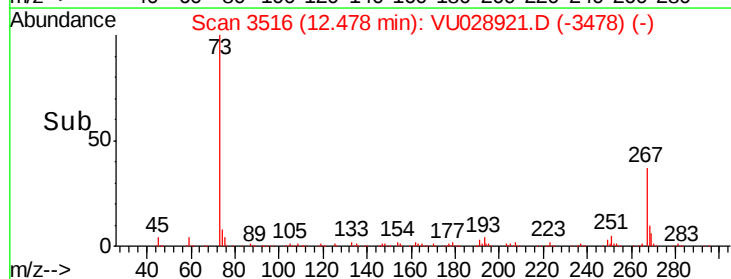
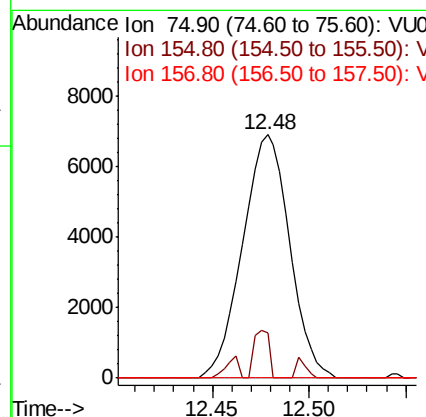
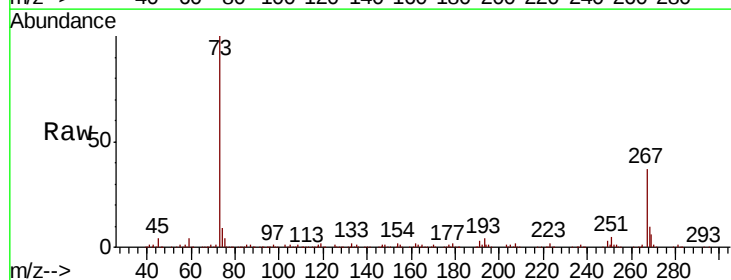
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01ME

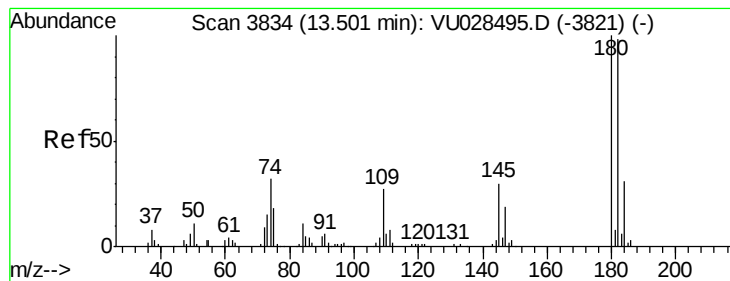
Tgt Ion: 146 Resp: 3968
 Ion Ratio Lower Upper
 146 100
 111 49.9 21.1 63.4
 148 62.8 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.110 ug/l
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

Tgt Ion: 75 Resp: 11683
 Ion Ratio Lower Upper
 75 100
 155 6.4 38.1 114.5#
 157 0.0 48.7 146.1#





#93

1,2,4-Trichlorobenzene

Concen: 10.509 ug/l

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01ME

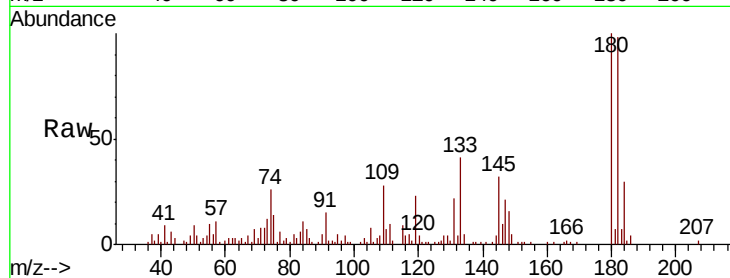
Tgt Ion:180 Resp: 29712

Ion Ratio Lower Upper

180 100

182 98.1 47.9 143.8

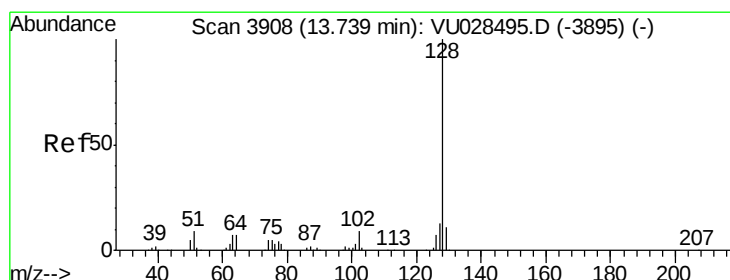
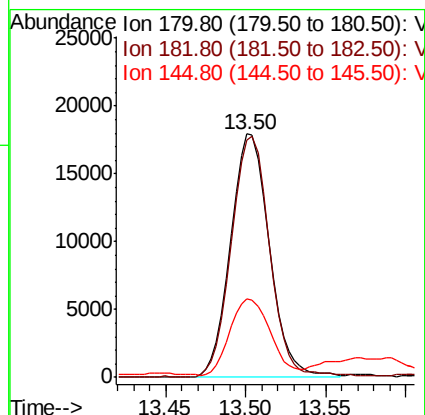
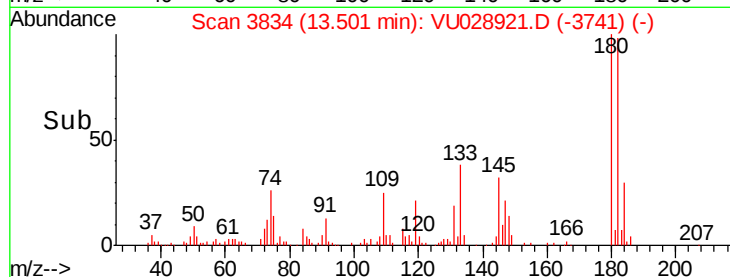
145 32.1 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 14.859 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028921.D

Acq: 22 Dec 2018 17:49

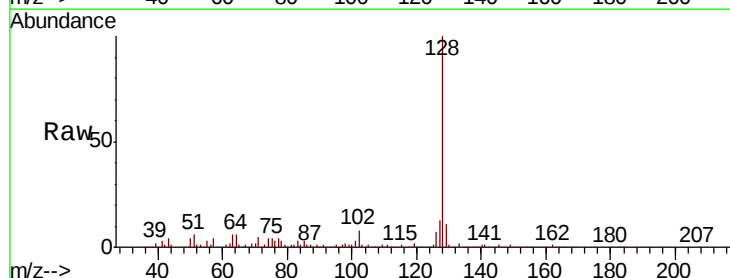
Tgt Ion:128 Resp: 156811

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

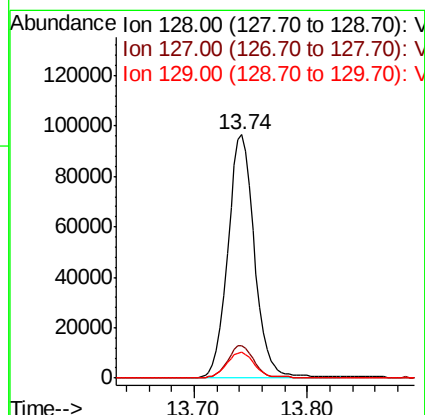
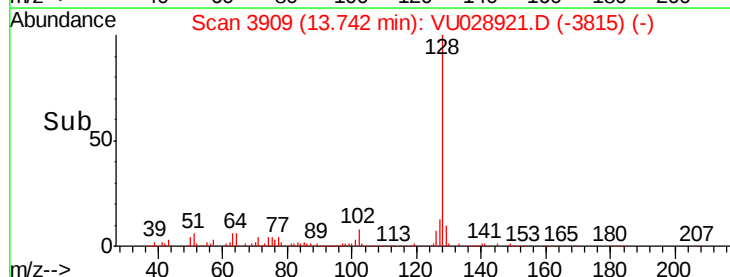
129 11.8 8.6 13.0

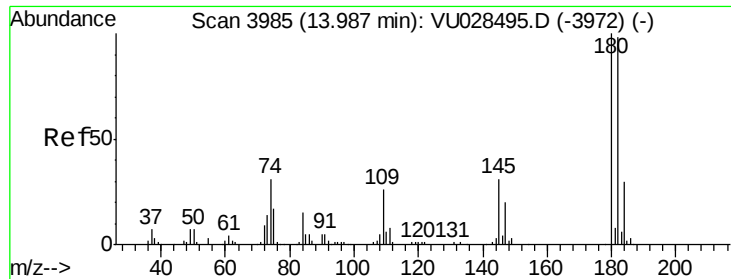


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.848 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU028921.D
 Acq: 22 Dec 2018 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01ME

Tgt Ion:180 Resp: 8148
 Ion Ratio Lower Upper
 180 100
 182 87.7 48.2 144.6
 145 0.0 15.8 47.3#

