

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028627.D
 Acq On : 11 Dec 2018 23:16
 Operator : MD/SY
 Sample : J6298-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

Quant Time: Dec 12 04:14:42 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	81774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	148792	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	140962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	59562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	69507	55.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.40%	
35) Dibromofluoromethane	4.88	113	50392	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	7.57	98	196424	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	10.30	95	68656	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	1023	0.508	ug/l	98
11) Tert butyl alcohol	2.83	59	1449	5.212	ug/l #	73
13) Acrolein	2.20	56	232	1.047	ug/l #	70
14) Allyl chloride	2.70	41	4091	1.899	ug/l #	27
16) Acetone	2.32	43	43279	53.147	ug/l	99
17) Carbon Disulfide	2.48	76	2328	0.710	ug/l #	94
18) Methyl Acetate	2.62	43	2755	1.305	ug/l #	82
20) Methylene Chloride	2.70	84	80013	66.653	ug/l	97
25) 2-Butanone	4.27	43	20640	18.547	ug/l	100
29) Tetrahydrofuran	4.65	42	170	0.238	ug/l #	37
31) Cyclohexane	4.98	56	2531	Below Cal	#	7
36) 1,1-Dichloropropene	4.98	75	7448	4.574	ug/l #	47
37) Ethyl Acetate	4.27	43	20640	9.806	ug/l #	70
38) Carbon Tetrachloride	4.98	117	8584	6.541	ug/l #	15
39) Methylcyclohexane	6.41	83	1187	0.598	ug/l #	76
40) Benzene	5.40	78	1313	0.274	ug/l #	50
51) 4-Methyl-2-Pentanone	7.46	43	16677	7.942	ug/l	98
52) Toluene	7.64	92	452674	160.396	ug/l	99
53) t-1,3-Dichloropropene	7.64	75	5106	2.754	ug/l #	1
54) cis-1,3-Dichloropropene	7.42	75	8175	4.063	ug/l #	61
55) 1,1,2-Trichloroethane	8.04	97	400	0.359	ug/l #	14
56) Ethyl methacrylate	7.91	69	531	0.278	ug/l #	42
57) 1,3-Dichloropropane	8.41	76	1011	0.488	ug/l #	43
59) 2-Hexanone	8.37	43	2341	1.407	ug/l	98
67) Ethyl Benzene	9.25	91	46539	8.428	ug/l	94
68) m/p-Xylenes	9.37	106	49960	24.865	ug/l	100
69) o-Xylene	9.78	106	32972	16.886	ug/l	99
70) Styrene	9.78	104	2142	0.663	ug/l #	1
73) Isopropylbenzene	10.16	105	11142	2.438	ug/l	98
74) N-amyl acetate	10.03	43	749	0.284	ug/l #	73
76) 1,2,3-Trichloropropane	10.31	75	35939	23.630	ug/l #	34
78) n-propylbenzene	10.58	91	26208	4.615	ug/l	99
79) 2-Chlorotoluene	10.68	91	13184	4.030	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	28980	7.660	ug/l	97

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Quant Time: Dec 12 04:14:42 2018
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 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

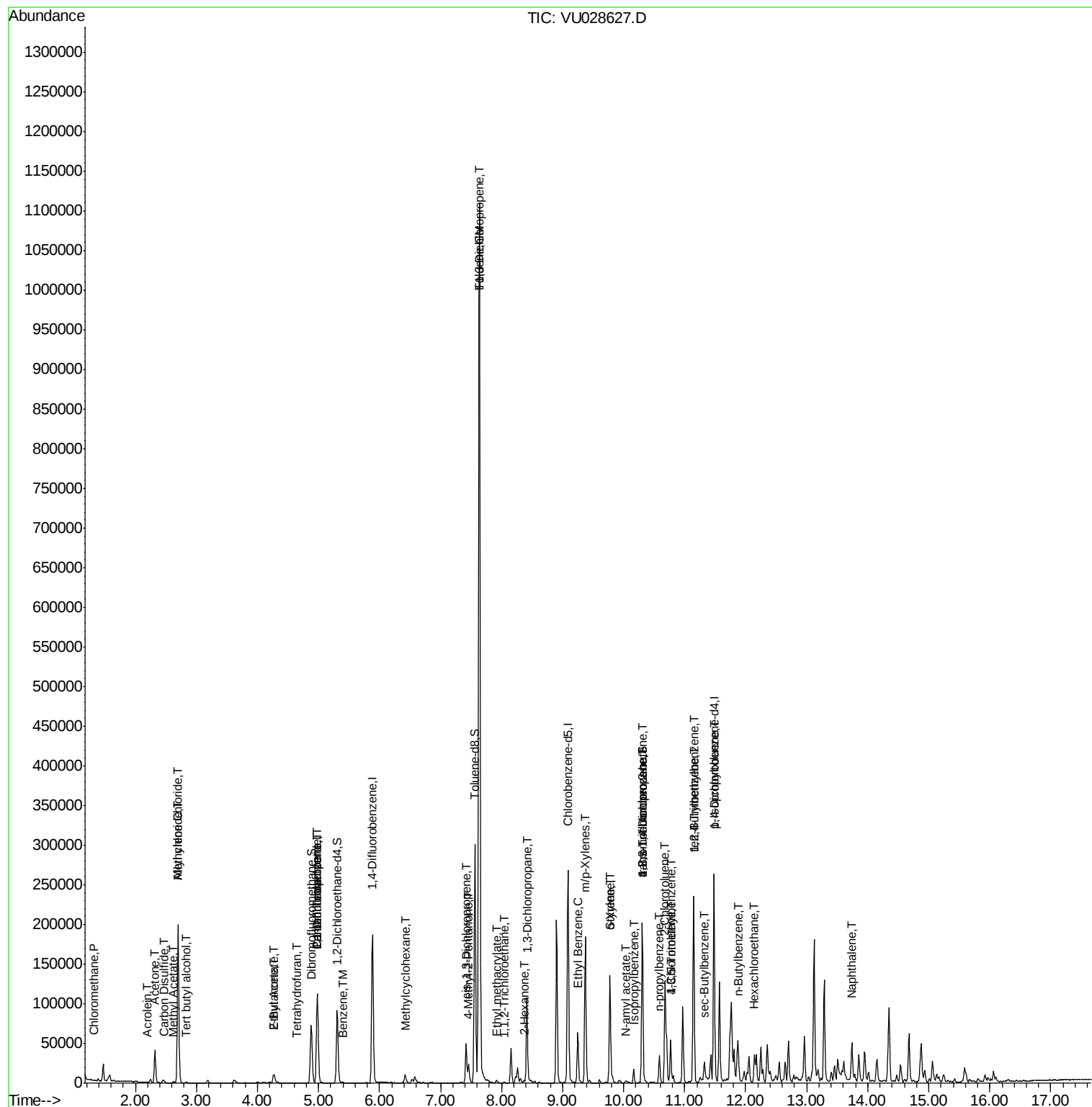
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	10.31	75	35939	58.013	ug/l #	100
82) 4-Chlorotoluene	10.77	91	3014	0.777	ug/l #	47
83) tert-Butylbenzene	11.15	119	14413	3.953	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.15	105	121658	31.203	ug/l	99
85) sec-Butylbenzene	11.32	105	9285	1.982	ug/l	98
86) p-Isopropyltoluene	11.48	119	8069	2.028	ug/l	98
89) n-Butylbenzene	11.88	91	10787	2.678	ug/l #	39
90) Hexachloroethane	12.14	117	1848	3.072	ug/l #	11
95) Naphthalene	13.74	128	34713	7.165	ug/l	99

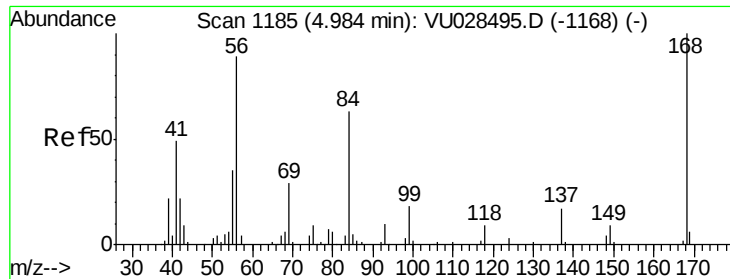
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028627.D

Acq: 11 Dec 2018 23:16

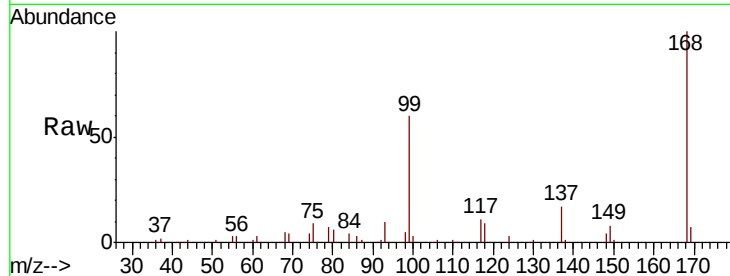
Instrument :
MSVOA_U
ClientSampleId :
RECLAIMER-PIT

Tot Ion:168 Resp: 81774

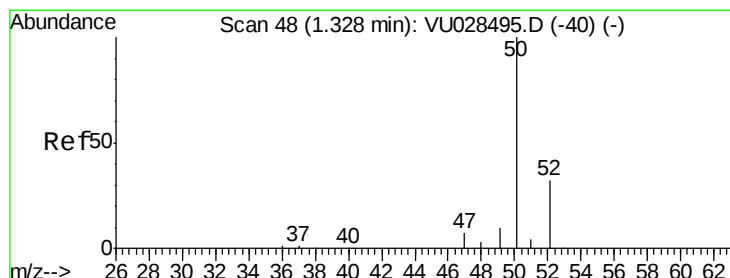
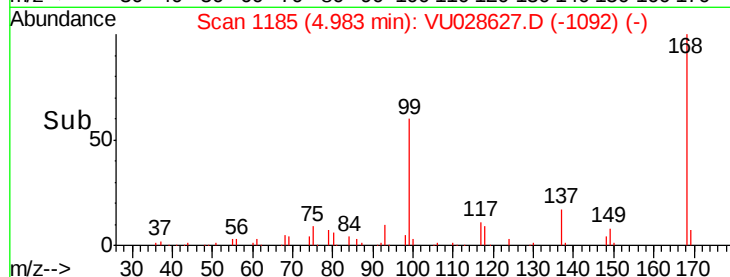
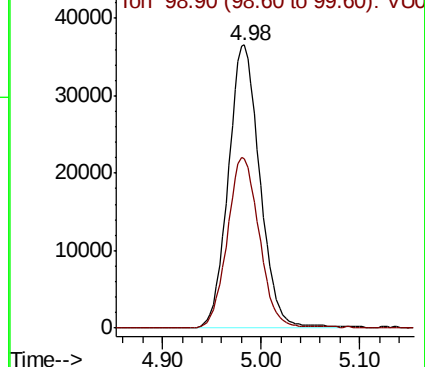
Ion Ratio Lower Upper

168 100

99 59.9 46.6 69.8



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



#3

Chloromethane

Concen: 0.508 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028627.D

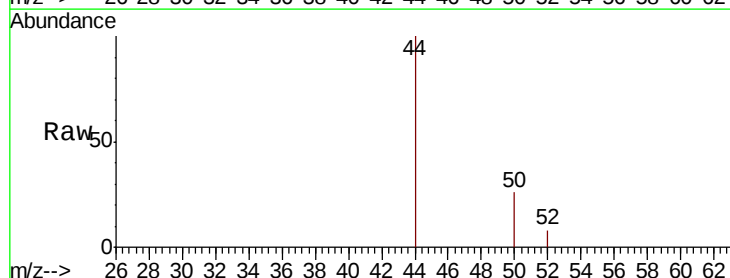
Acq: 11 Dec 2018 23:16

Tgt Ion: 50 Resp: 1023

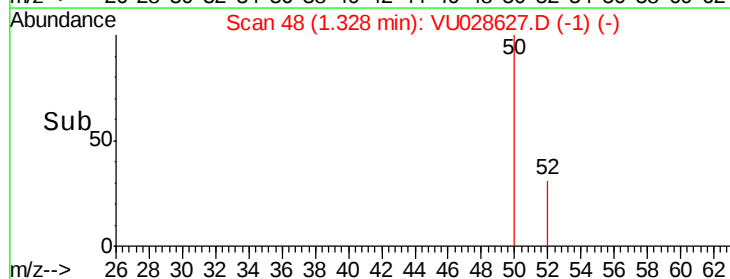
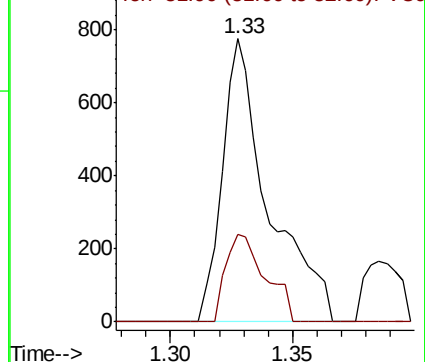
Ion Ratio Lower Upper

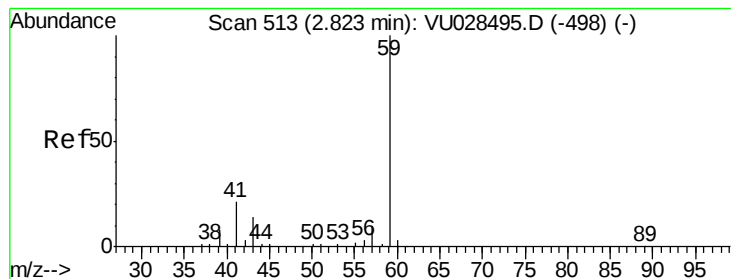
50 100

52 31.0 25.5 38.3



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



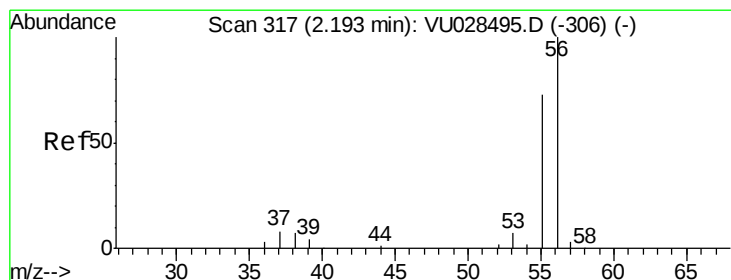
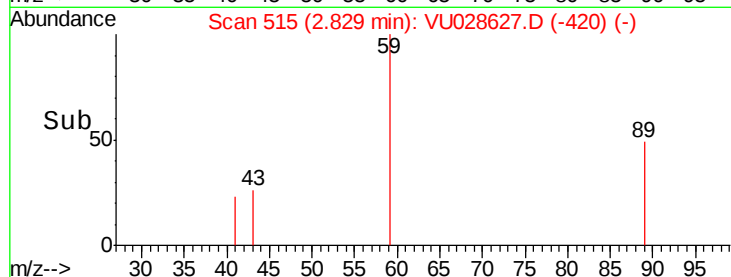
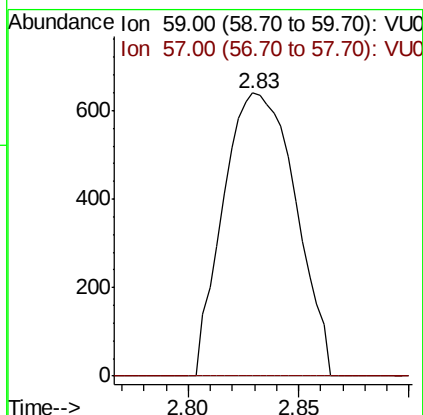
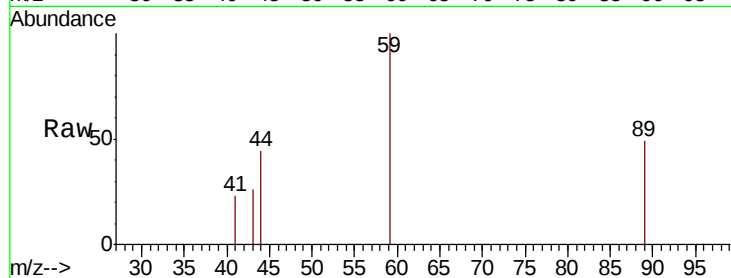


#11

Tert butyl alcohol
 Concen: 5.212 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

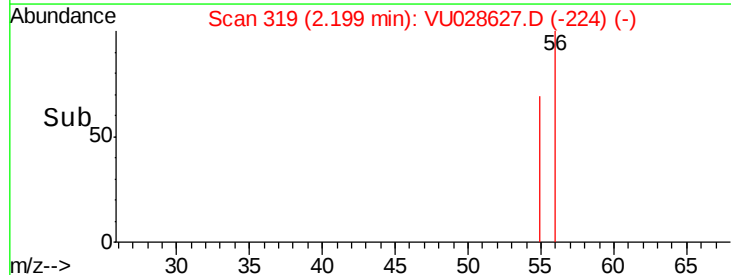
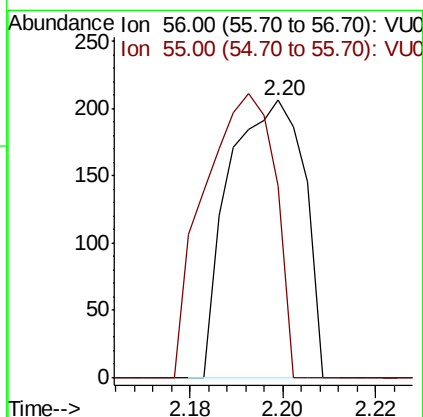
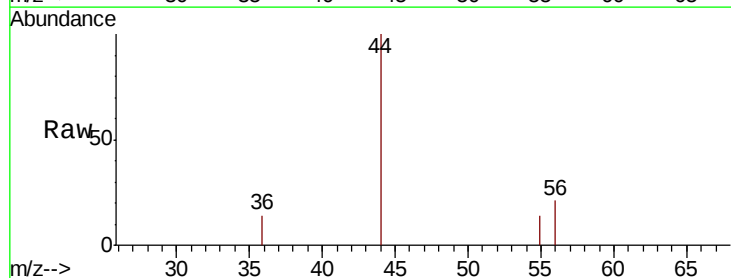
Tot Ion: 59 Resp: 1449
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

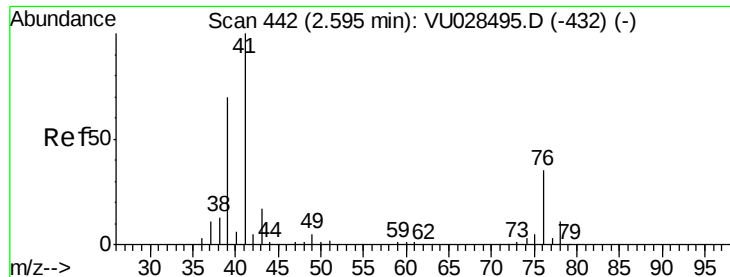


#13

Acrolein
 Concen: 1.047 ug/l
 RT: 2.20 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Tgt Ion: 56 Resp: 232
 Ion Ratio Lower Upper
 56 100
 55 96.6 57.5 86.3#

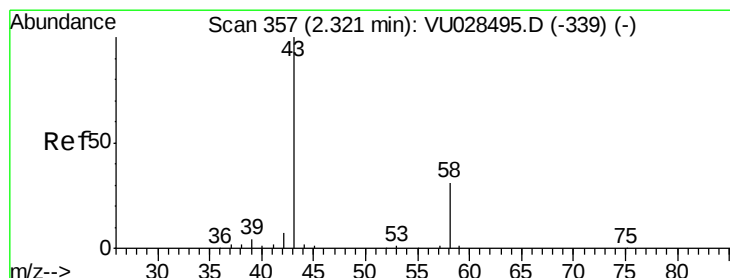
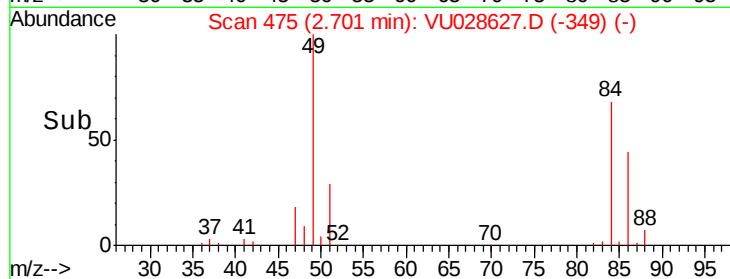
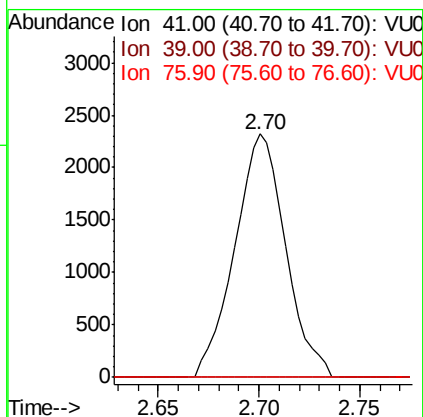
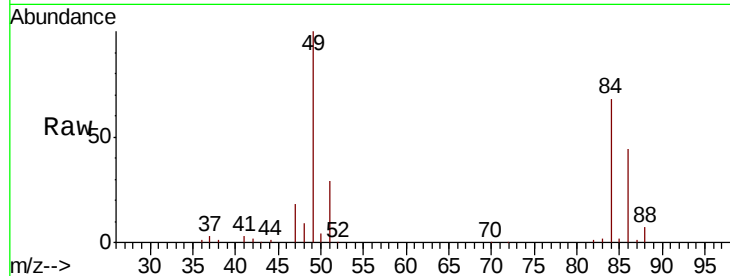




#14
 Allvl chloride
 Concen: 1.899 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. 0.11 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

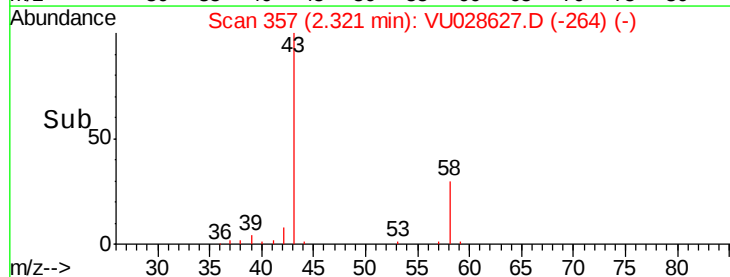
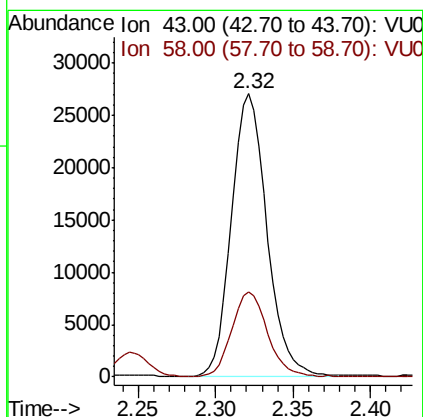
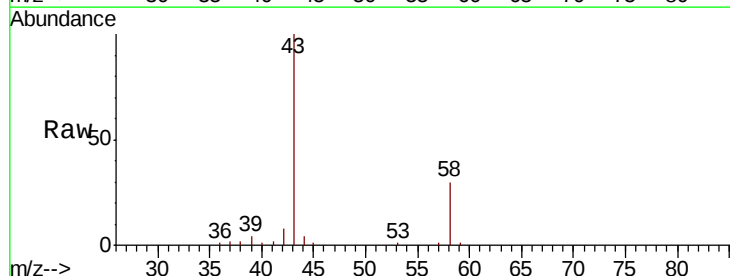
Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

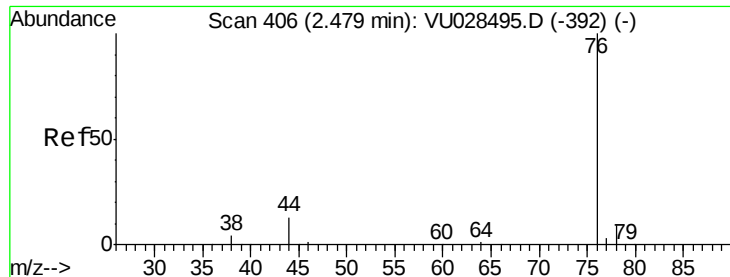
Tot Ion: 41 Resp: 4091
 Ion Ratio Lower Upper
 41 100
 39 0.0 50.8 76.2#
 76 0.0 24.8 37.2#



#16
 Acetone
 Concen: 53.147 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Tgt Ion: 43 Resp: 43279
 Ion Ratio Lower Upper
 43 100
 58 30.0 24.6 37.0

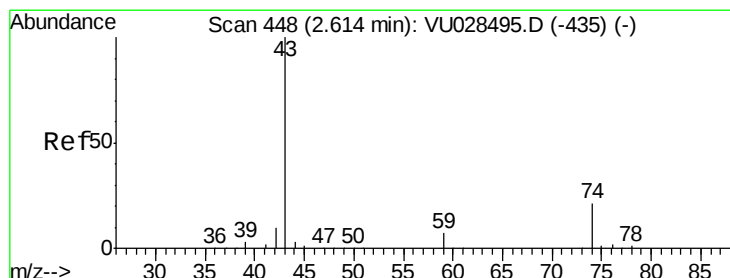
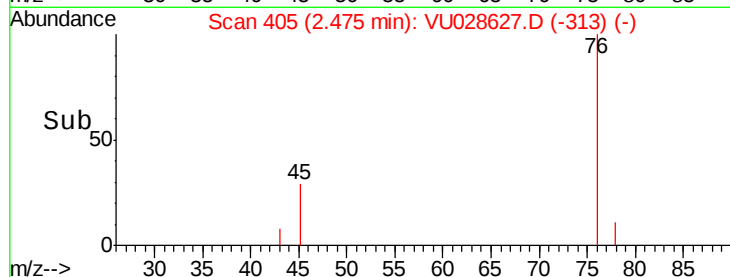
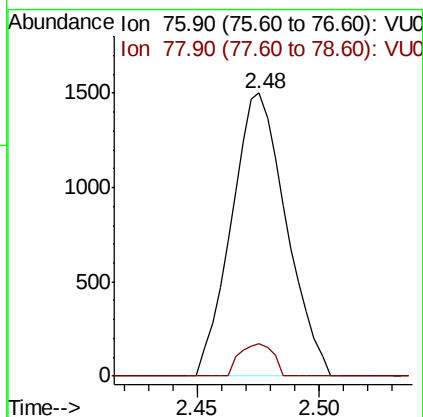
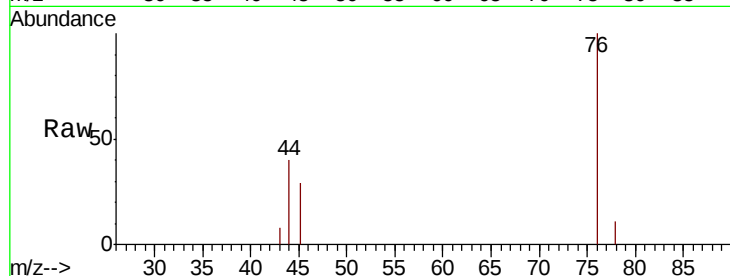




#17
Carbon Disulfide
Concen: 0.710 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

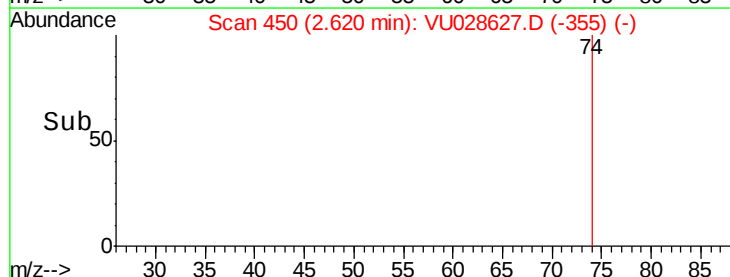
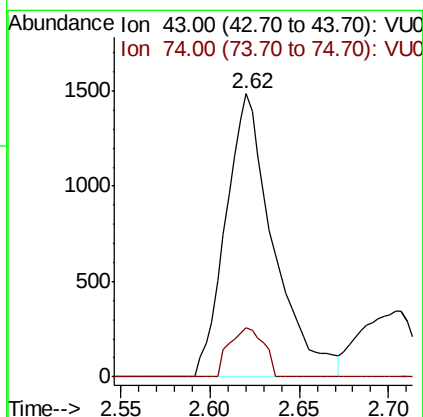
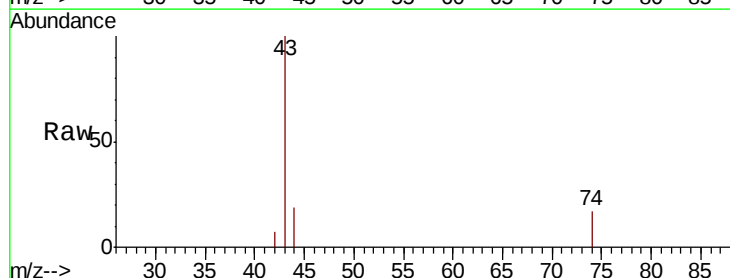
Instrument :
MSVOA_U
ClientSampleId :
RECLAIMER-PIT

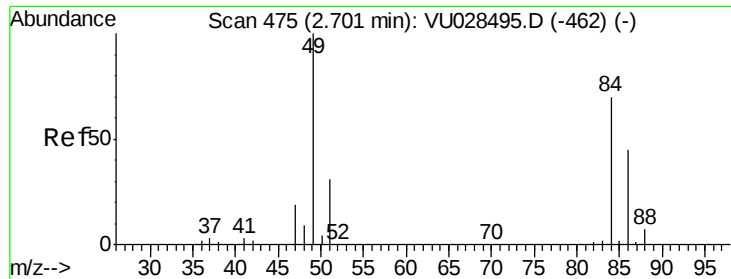
Tot Ion: 76 Resp: 2328
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#18
Methyl Acetate
Concen: 1.305 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Tgt Ion: 43 Resp: 2755
Ion Ratio Lower Upper
43 100
74 12.4 16.4 24.6#

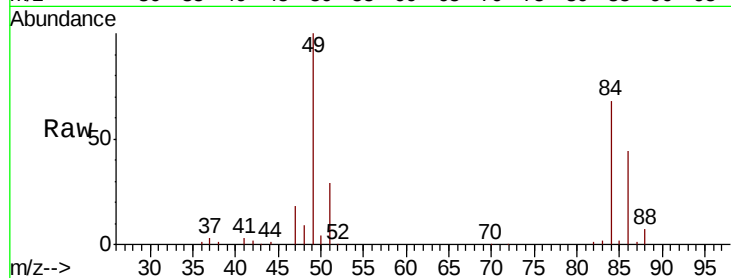




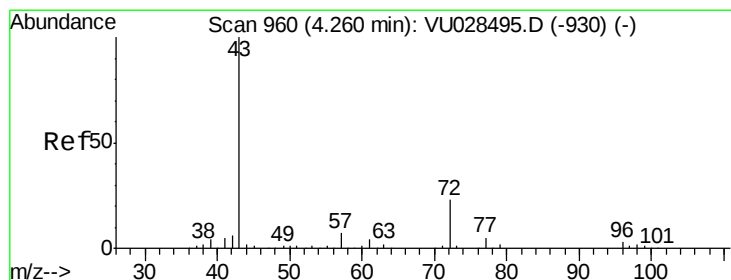
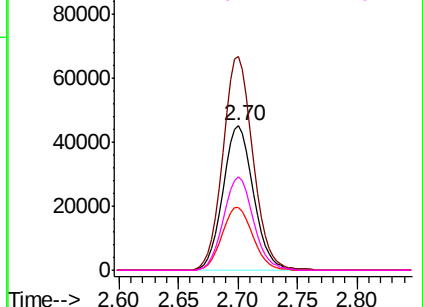
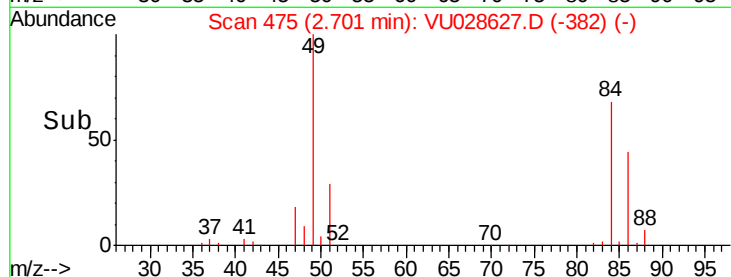
#20
Methvlene Chloride
Concen: 66.653 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Instrument :
MSVOA_U
ClientSampleId :
RECLAIMER-PIT

Tot Ion: 84 Resp: 80013
Ion Ratio Lower Upper
84 100
49 147.9 114.0 171.0
51 43.3 35.1 52.7
86 65.0 51.0 76.6

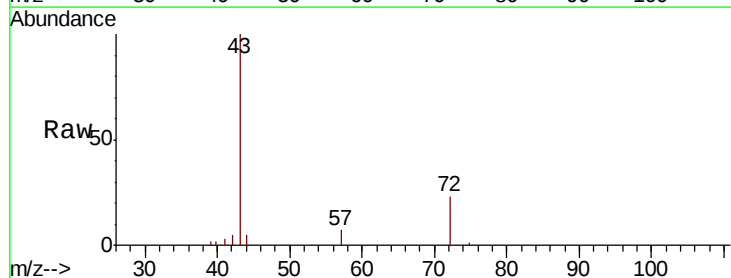


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

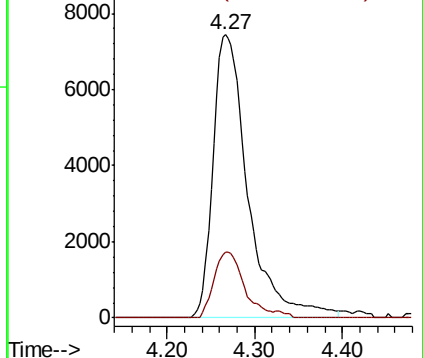
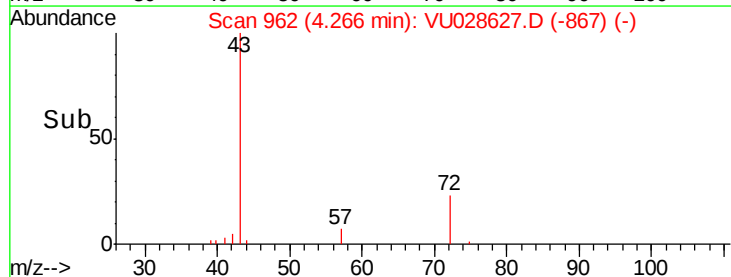


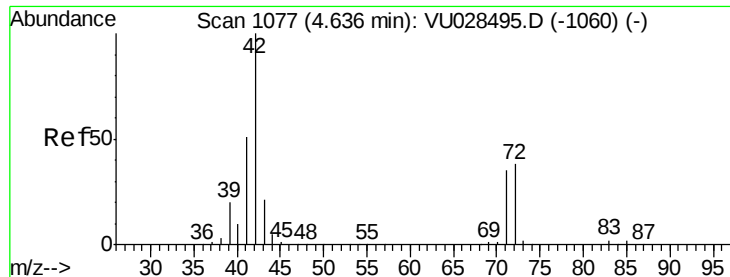
#25
2-Butanone
Concen: 18.547 ug/l
RT: 4.27 min Scan# 962
Delta R.T. 0.01 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Tgt Ion: 43 Resp: 20640
Ion Ratio Lower Upper
43 100
72 23.4 18.6 28.0



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





#29

Tetrahydrofuran

Concen: 0.238 ug/l

RT: 4.65 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

RECLAIMER-PIT

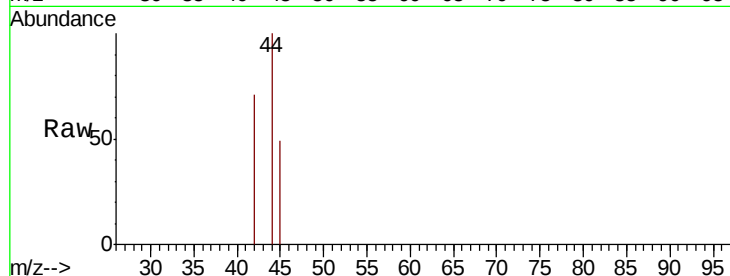
Tot Ion: 42 Resp: 170

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

71 0.0 28.6 43.0#



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

200

150

100

50

0

4.62

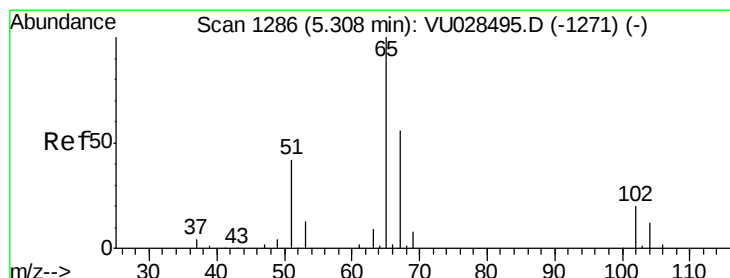
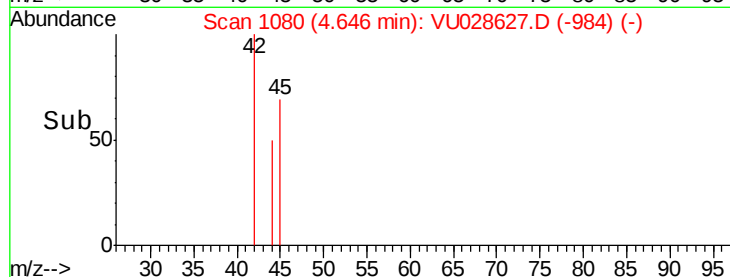
4.63

4.64

4.65

4.66

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.698 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028627.D

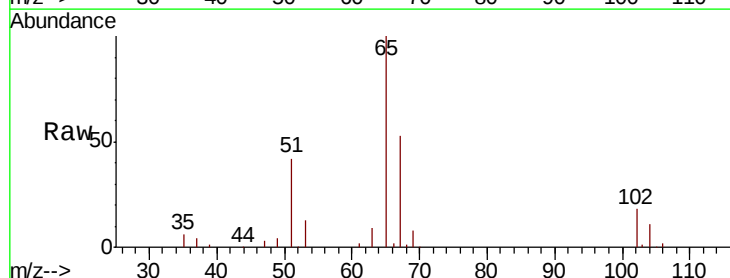
Acq: 11 Dec 2018 23:16

Tgt Ion: 65 Resp: 69507

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

30000

20000

10000

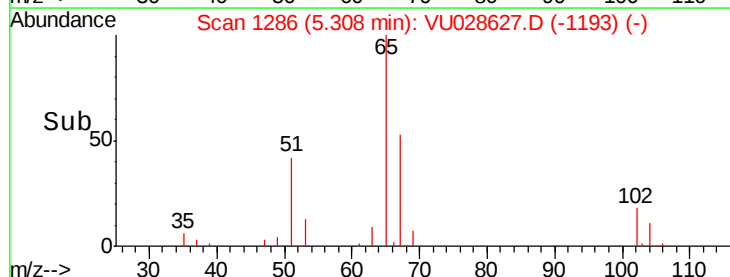
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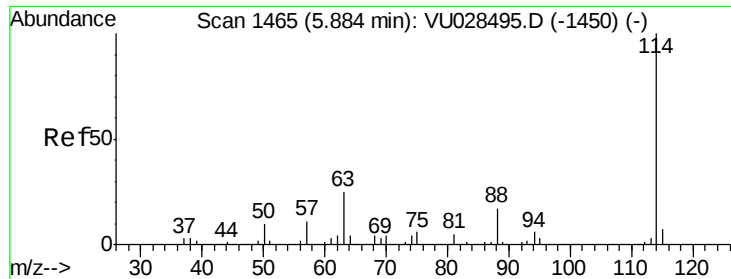
5.20

5.30

5.40

Time-->

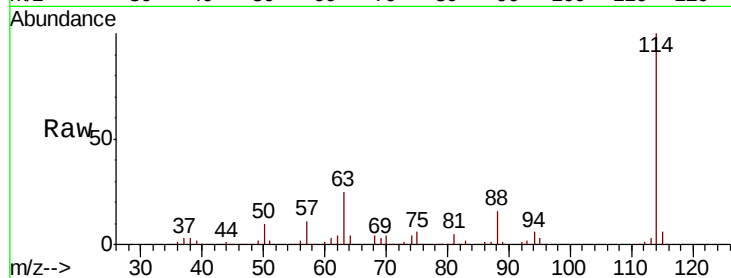




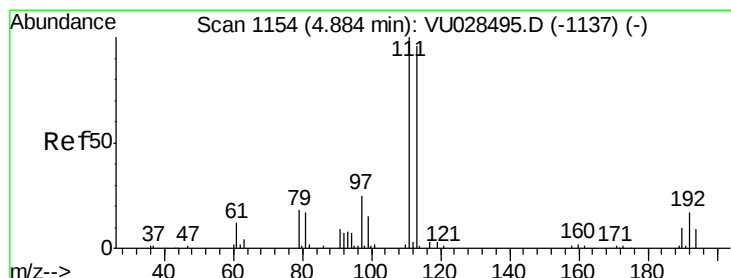
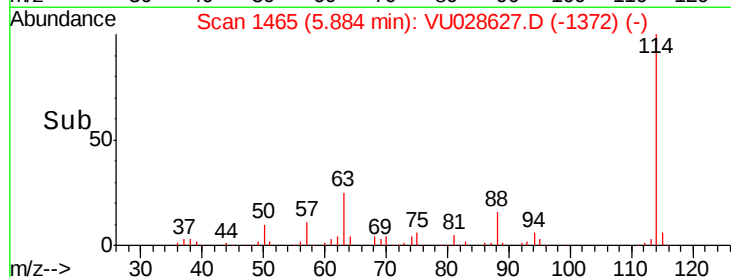
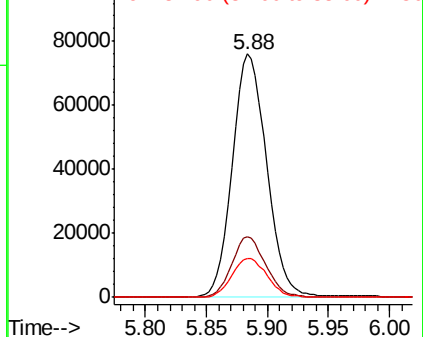
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

Tot Ion:114 Resp: 148792
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 16.2 0.0 33.4

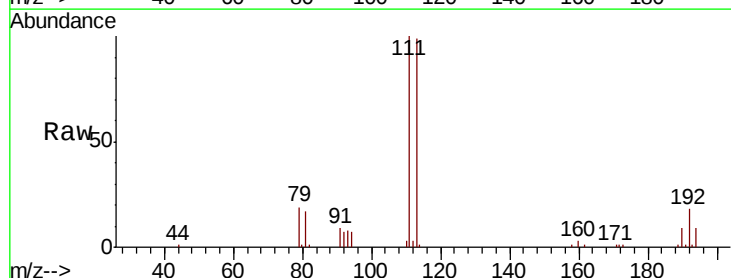


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

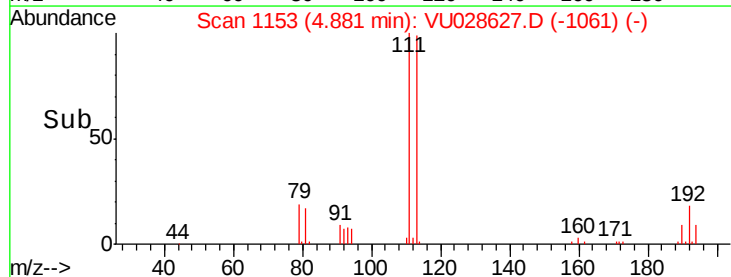
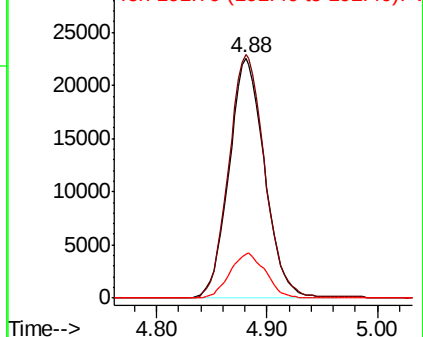


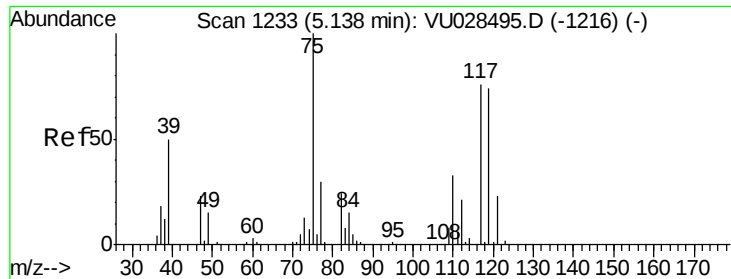
#35
 Dibromofluoromethane
 Concen: 53.817 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Tgt Ion:113 Resp: 50392
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.0
 192 18.7 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

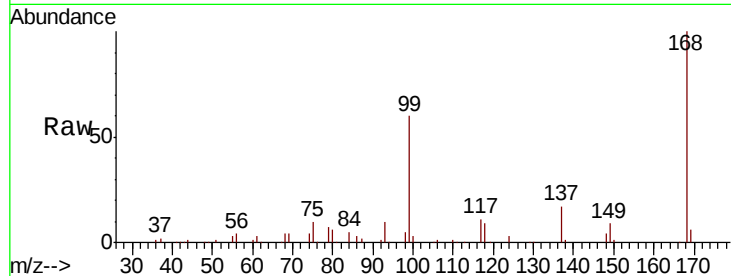




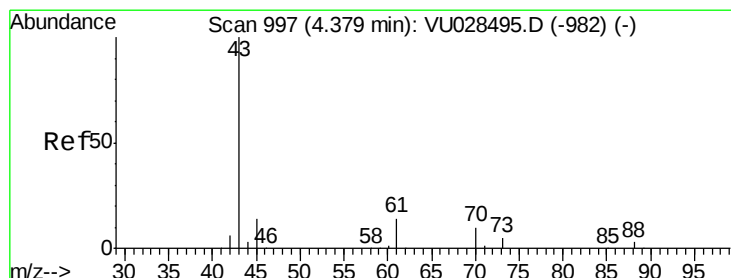
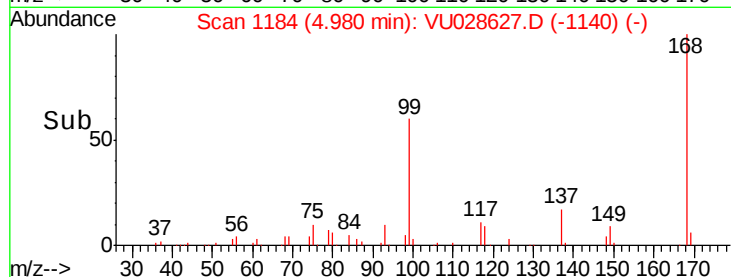
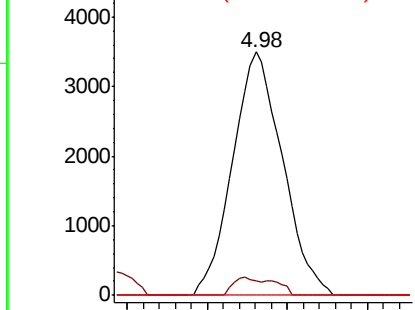
#36
 1,1-Dichloropropene
 Concen: 4.574 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

Tot Ion: 75 Resp: 7448
 Ion Ratio Lower Upper
 75 100
 110 3.7 16.1 48.2#
 77 0.0 24.5 36.7#

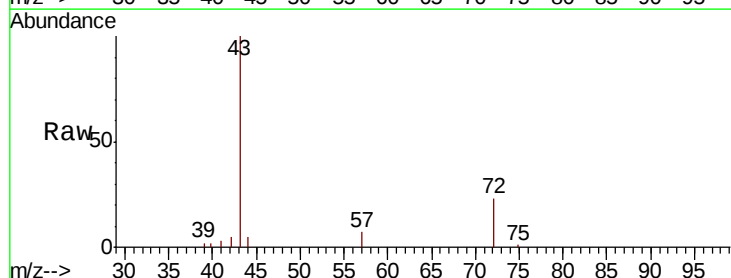


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

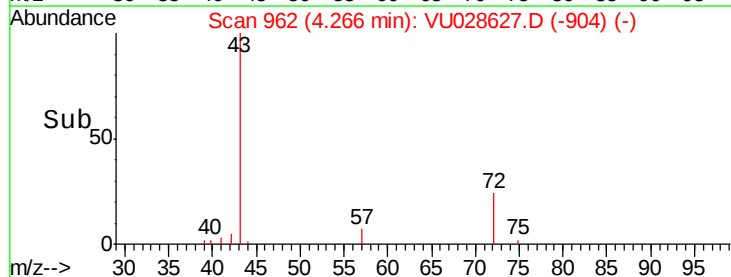
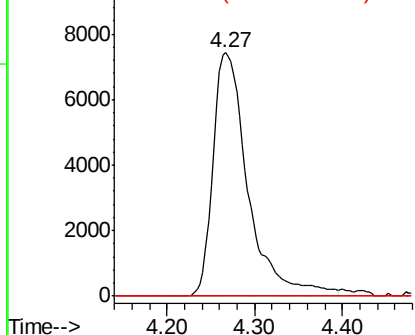


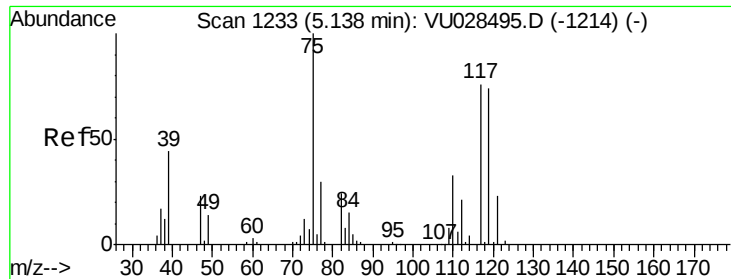
#37
 Ethyl Acetate
 Concen: 9.806 ug/l
 RT: 4.27 min Scan# 962
 Delta R.T. -0.11 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Tgt Ion: 43 Resp: 20640
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.4#
 70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 6.541 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

RECLAIMER-PIT

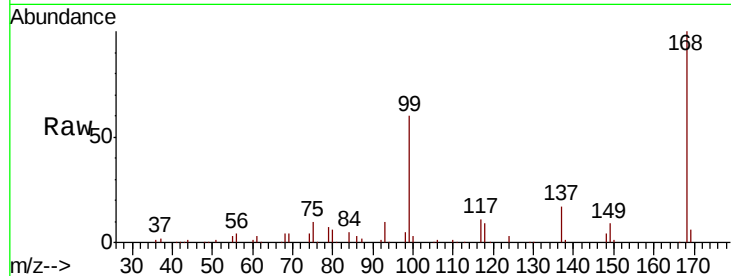
Tot Ion:117 Resp: 8584

Ion Ratio Lower Upper

117 100

119 3.9 77.6 116.4#

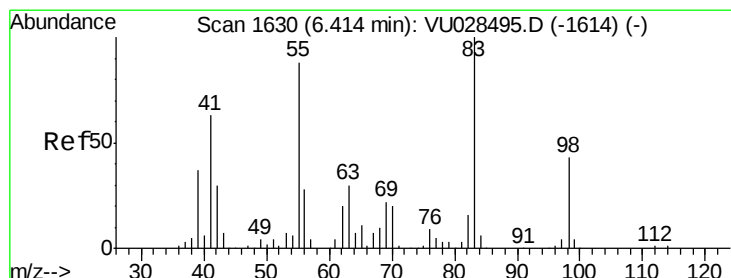
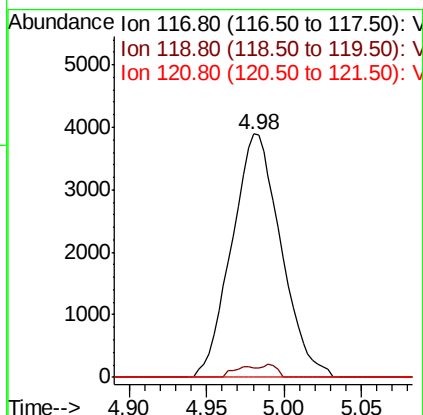
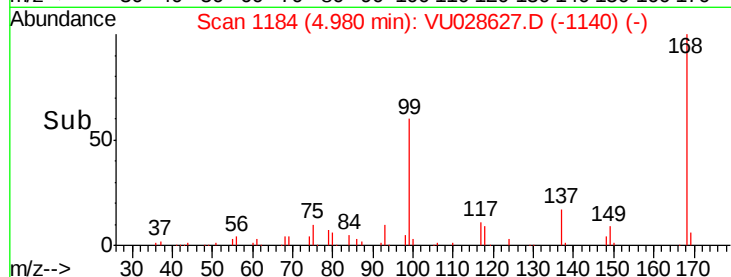
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 0.598 ug/l

RT: 6.41 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

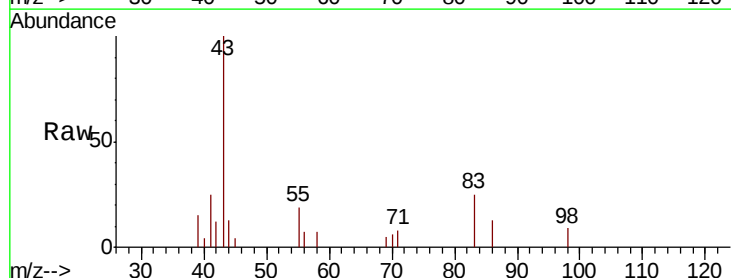
Tgt Ion: 83 Resp: 1187

Ion Ratio Lower Upper

83 100

55 61.1 70.2 105.2#

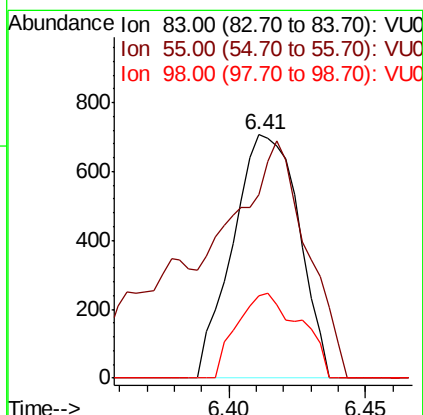
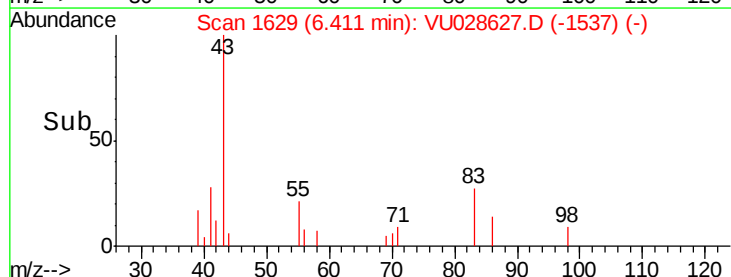
98 34.1 34.2 51.4#

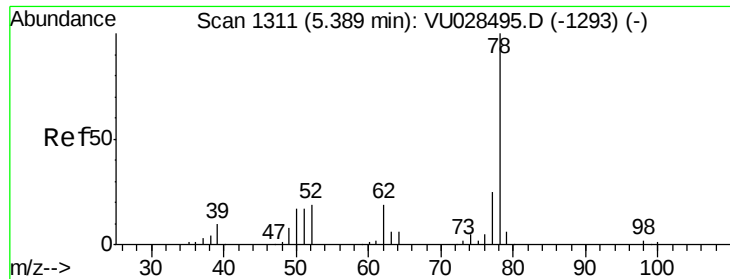


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 0.274 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. 0.01 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

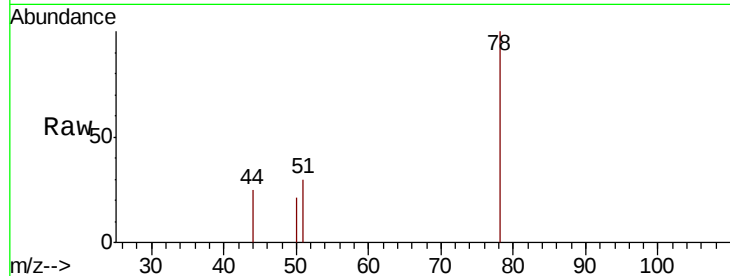
RECLAIMER-PIT

Tot Ion: 78 Resp: 1313

Ion Ratio Lower Upper

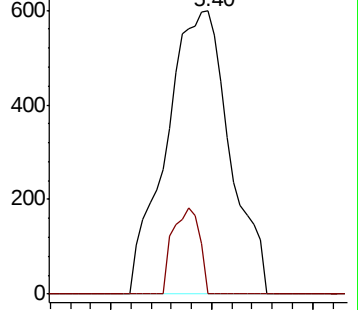
78 100

77 0.0 19.9 29.9#

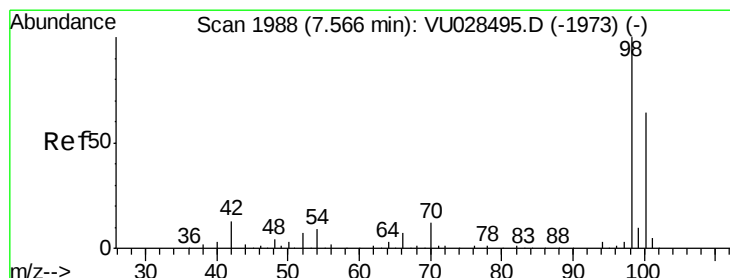
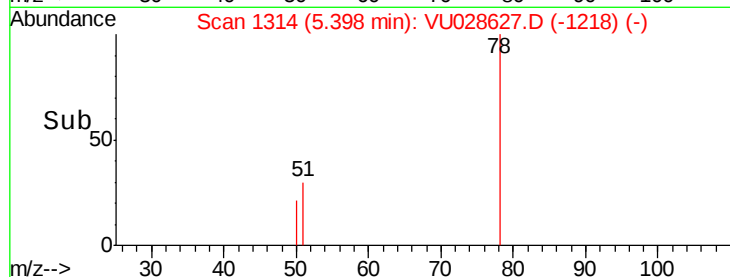


Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



#50

Toluene-d8

Concen: 53.029 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028627.D

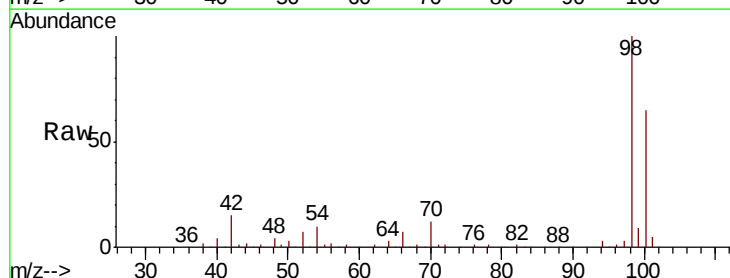
Acq: 11 Dec 2018 23:16

Tgt Ion: 98 Resp: 196424

Ion Ratio Lower Upper

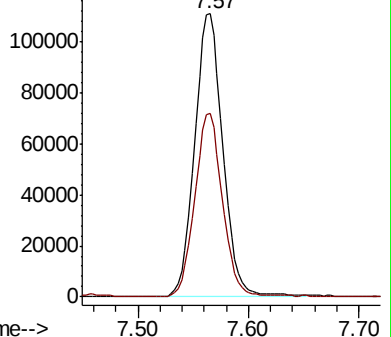
98 100

100 63.9 51.0 76.6

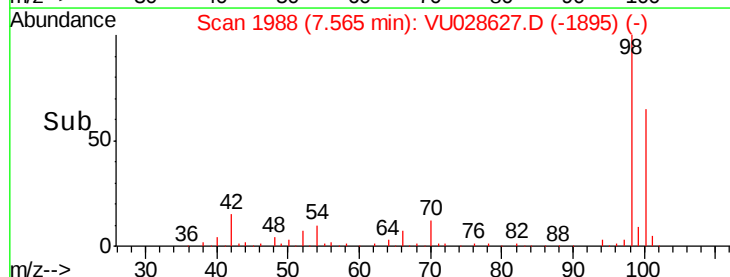


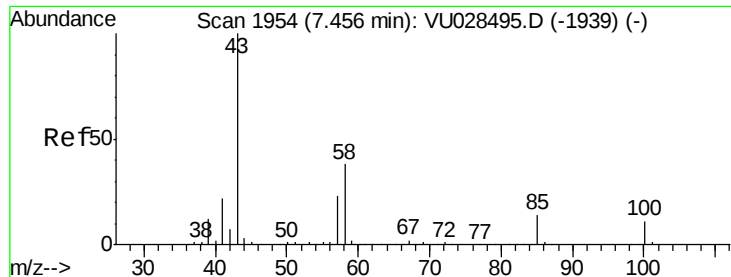
Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 7.942 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

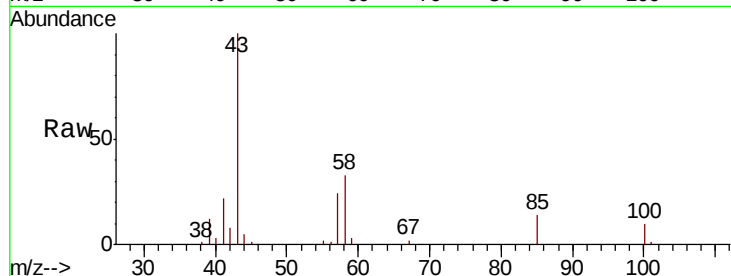
RECLAIMER-PIT

Tot Ion: 43 Resp: 16677

Ion Ratio Lower Upper

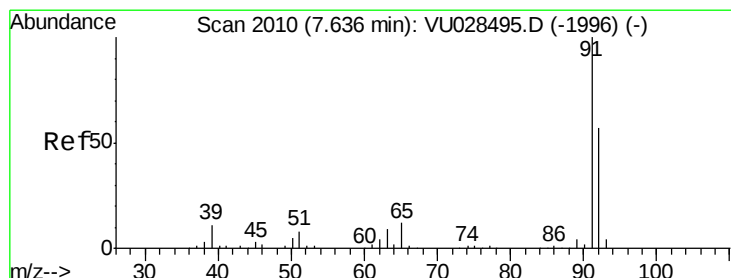
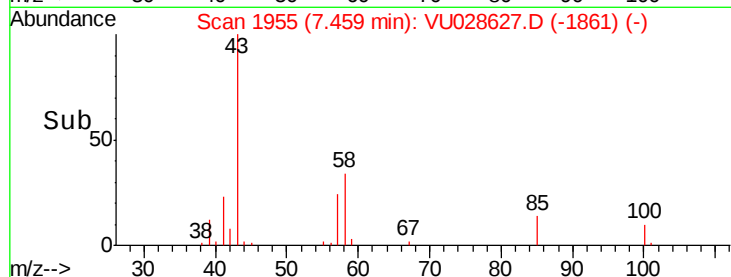
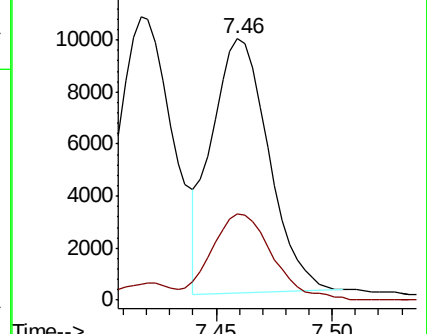
43 100

58 36.7 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: 160.396 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028627.D

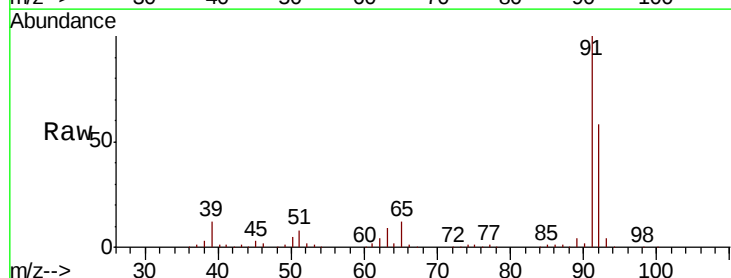
Acq: 11 Dec 2018 23:16

Tgt Ion: 92 Resp: 452674

Ion Ratio Lower Upper

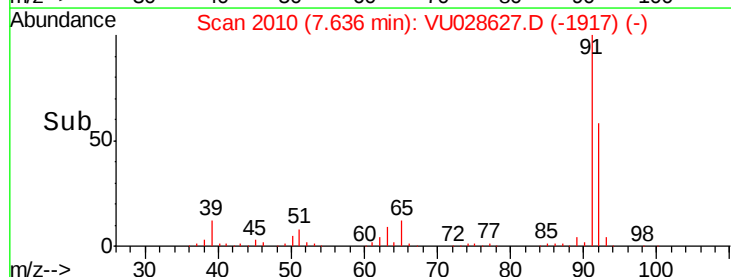
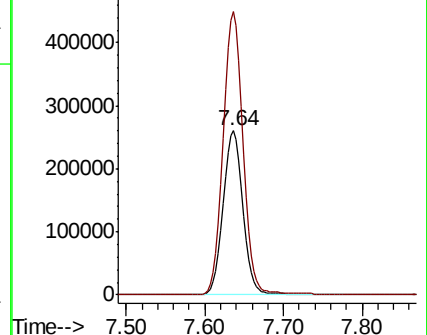
92 100

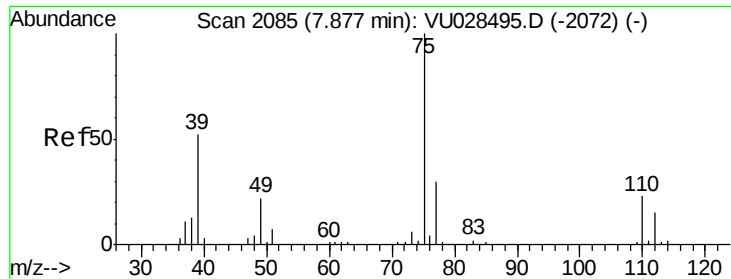
91 173.8 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

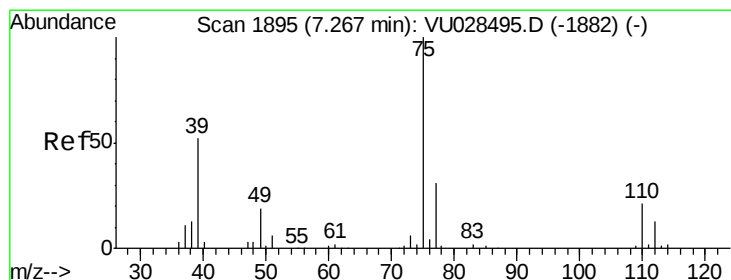
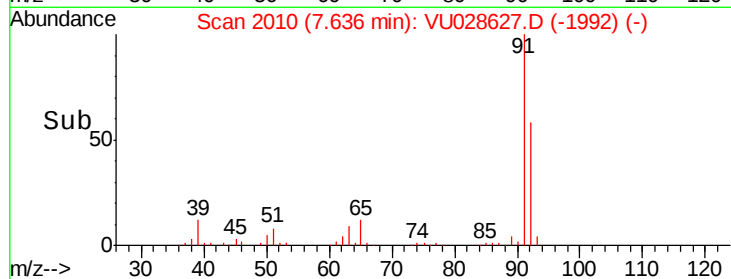
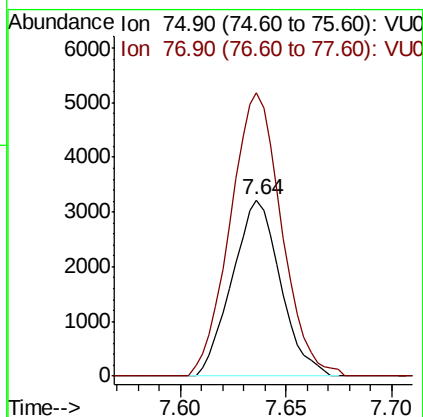
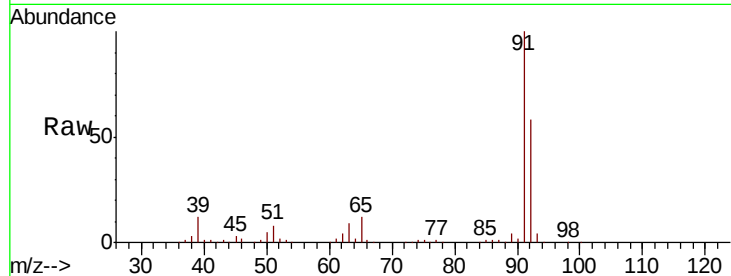




#53
t-1,3-Dichloropropene
Concen: 2.754 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.24 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

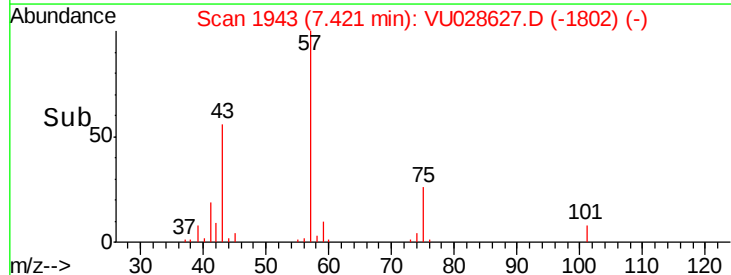
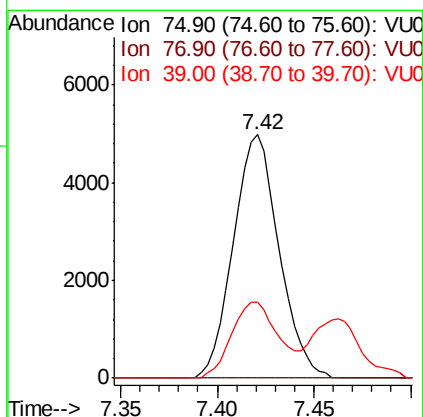
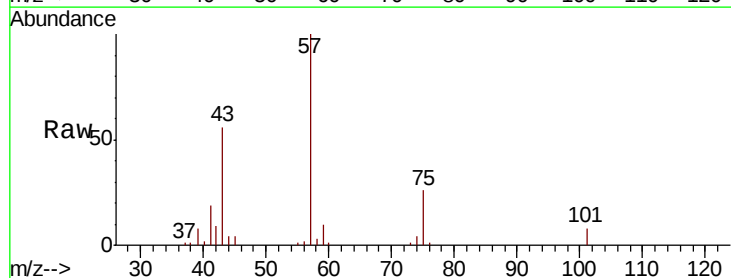
Instrument :
MSVOA_U
ClientSampleId :
RECLAIMER-PIT

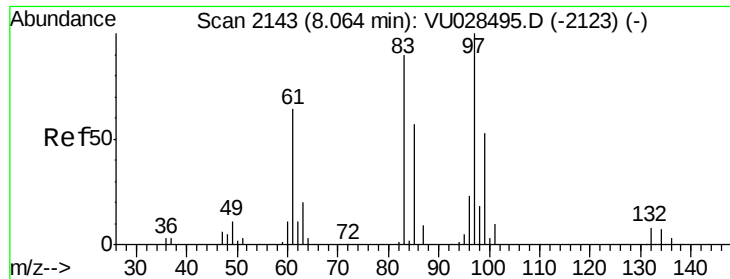
Tot Ion: 75 Resp: 5106
Ion Ratio Lower Upper
75 100
77 160.8 24.2 36.4#



#54
cis-1,3-Dichloropropene
Concen: 4.063 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. 0.15 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Tgt Ion: 75 Resp: 8175
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 31.3 41.3 61.9#

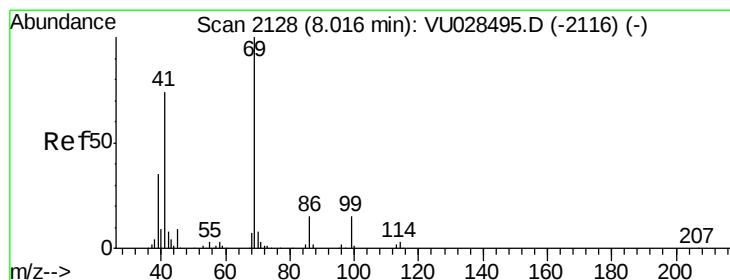
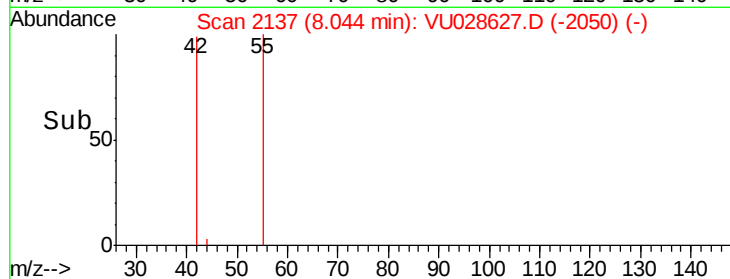
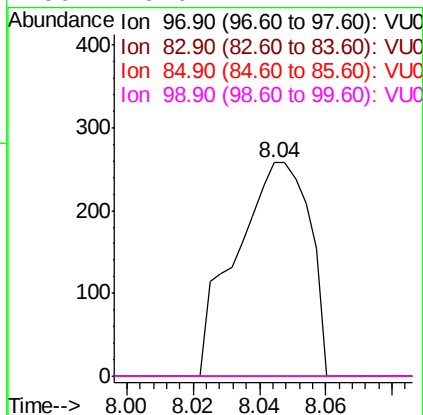
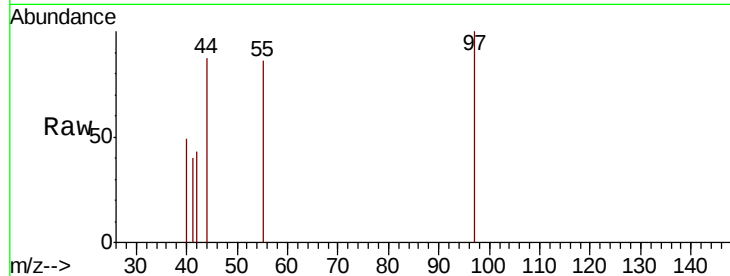




#55
 1,1,2-Trichloroethane
 Concen: 0.359 ug/l
 RT: 8.04 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

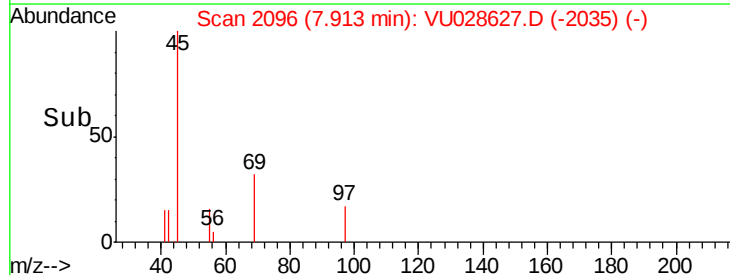
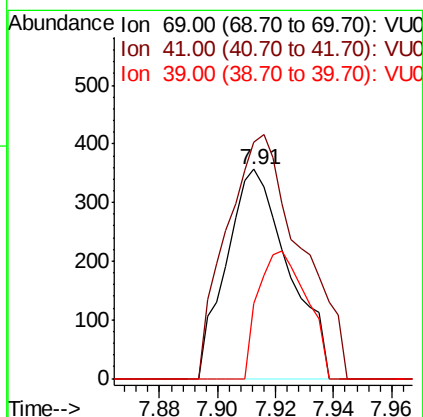
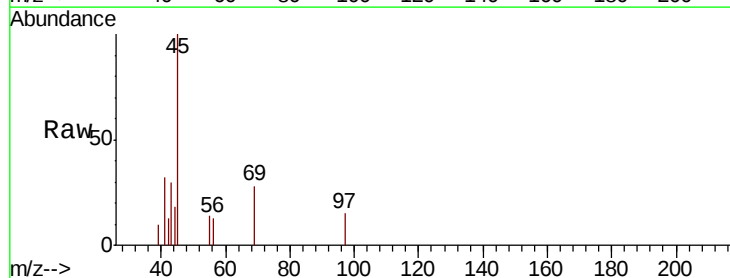
Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

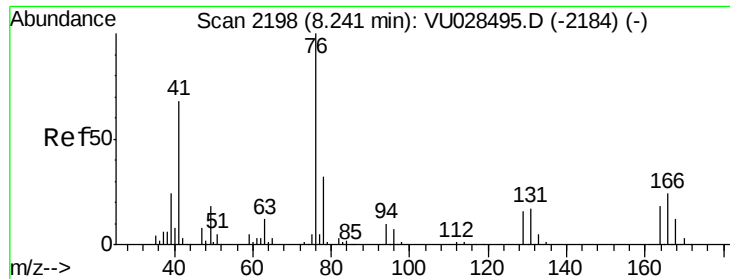
Tot Ion: 97 Resp: 400
 Ion Ratio Lower Upper
 97 100
 83 0.0 72.4 108.6#
 85 0.0 46.0 69.0#
 99 0.0 47.4 71.2#



#56
 Ethyl methacrylate
 Concen: 0.278 ug/l
 RT: 7.91 min Scan# 2096
 Delta R.T. -0.10 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Tgt Ion: 69 Resp: 531
 Ion Ratio Lower Upper
 69 100
 41 138.4 59.1 88.7#
 39 47.5 28.4 42.6#





#57

1,3-Dichloropropane

Concen: 0.488 ug/l

RT: 8.41 min Scan# 2252

Delta R.T. 0.17 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

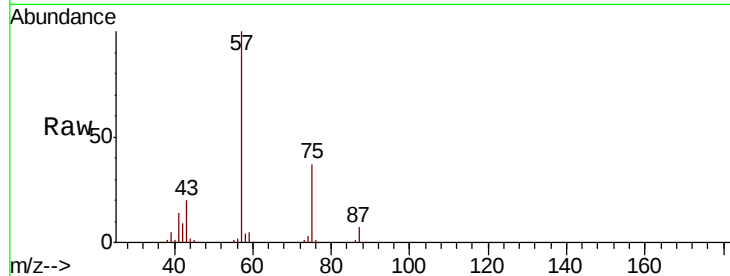
RECLAIMER-PIT

Tot Ion: 76 Resp: 1011

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.41

800

600

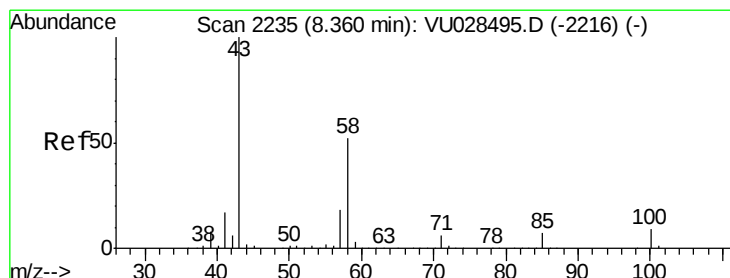
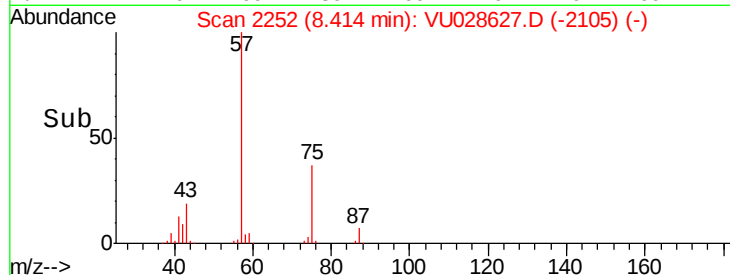
400

200

0

8.38 8.40 8.42 8.44

Time-->



#59

2-Hexanone

Concen: 1.407 ug/l

RT: 8.37 min Scan# 2237

Delta R.T. 0.01 min

Lab File: VU028627.D

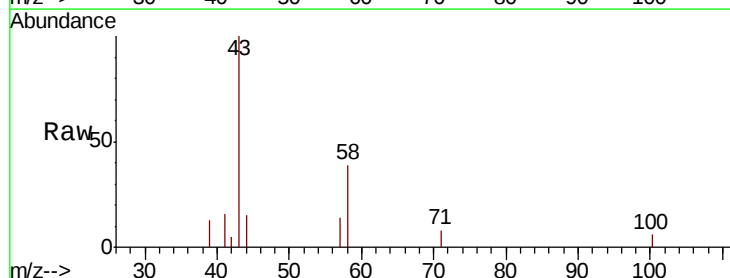
Acq: 11 Dec 2018 23:16

Tgt Ion: 43 Resp: 2341

Ion Ratio Lower Upper

43 100

58 53.0 25.9 77.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

10000

8000

6000

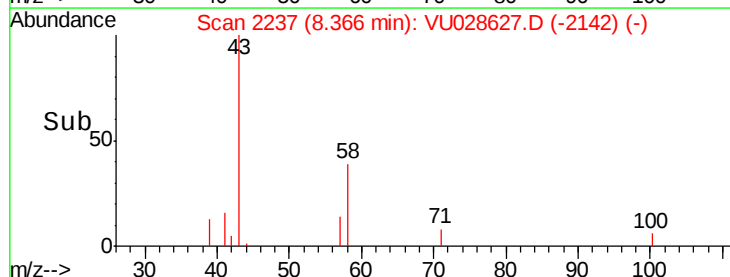
4000

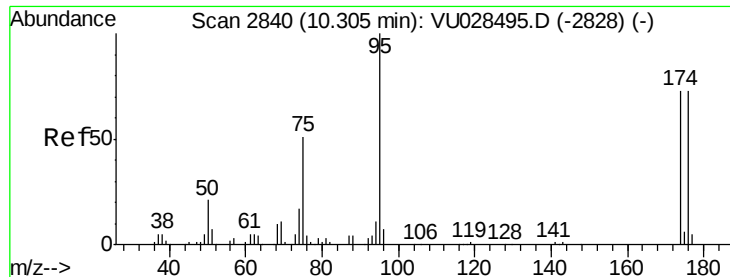
2000

0

8.34 8.36 8.38 8.40

Time-->

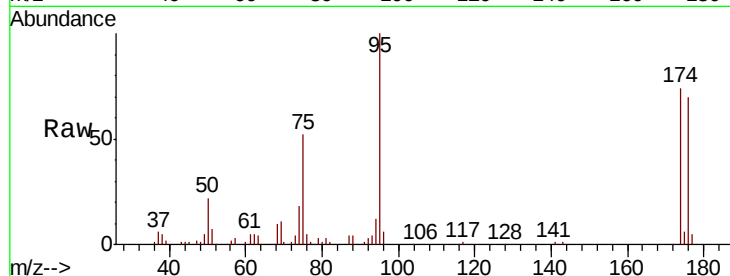




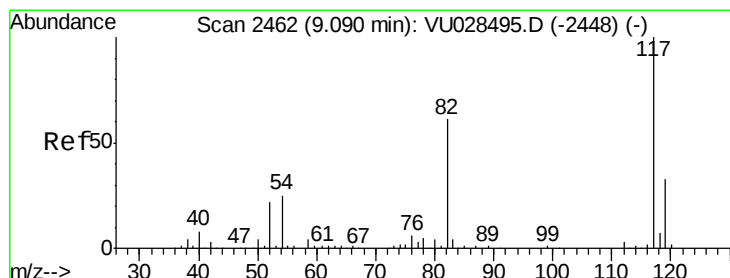
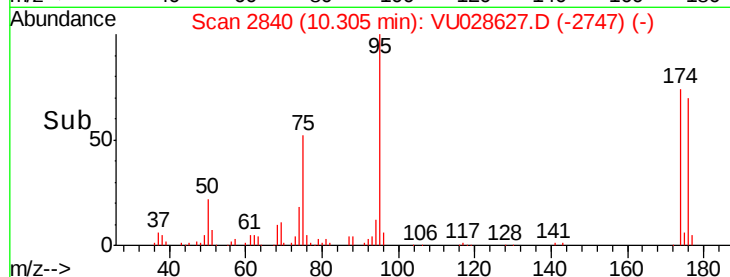
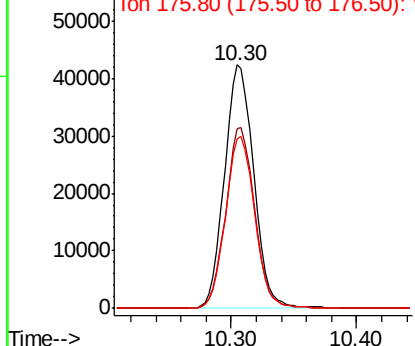
#62
4-Bromofluorobenzene
Concen: 49.591 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Instrument :
MSVOA_U
ClientSampleId :
RECLAIMER-PIT

Tot Ion: 95 Resp: 68656
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.4
176 70.2 0.0 145.2

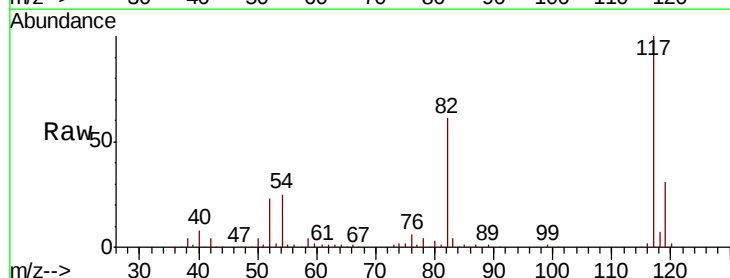


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

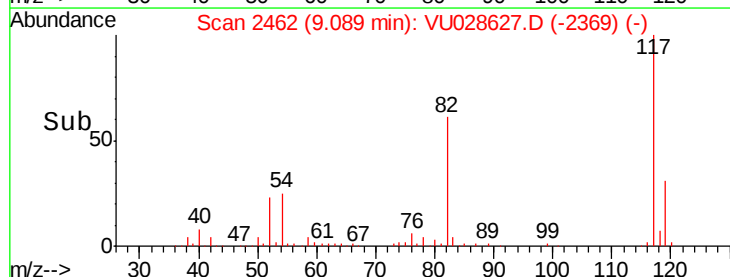
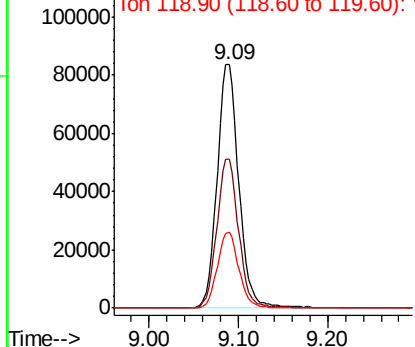


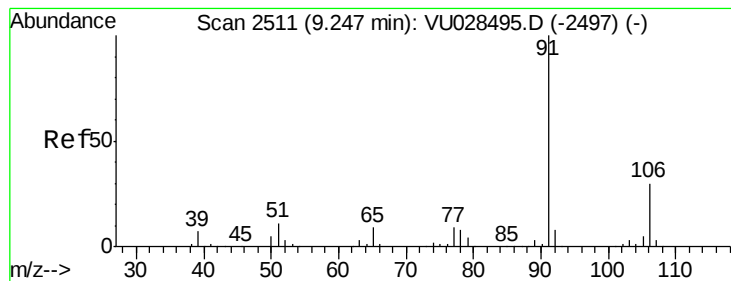
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Tgt Ion: 117 Resp: 140962
Ion Ratio Lower Upper
117 100
82 61.3 48.9 73.3
119 31.3 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#67

Ethyl Benzene

Concen: 8.428 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

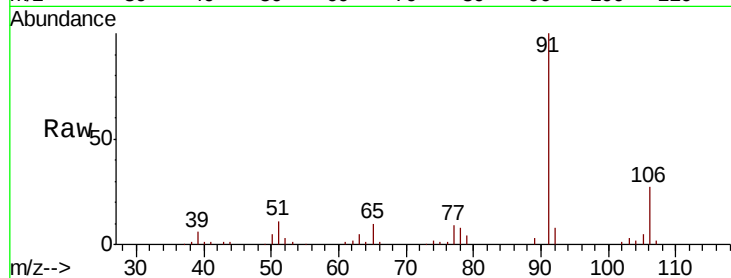
RECLAIMER-PIT

Tot Ion: 91 Resp: 46539

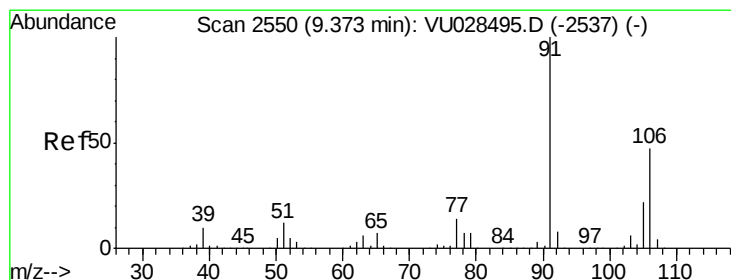
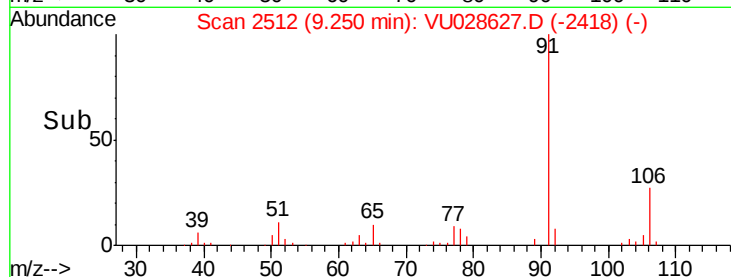
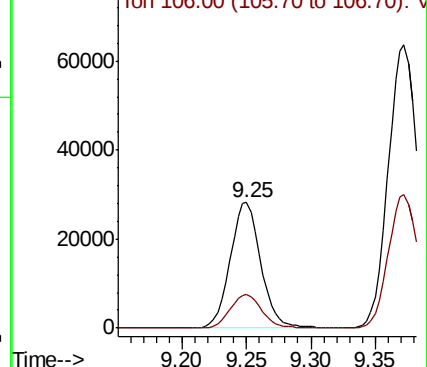
Ion Ratio Lower Upper

91 100

106 26.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2497) (-)



#68

m/p-Xylenes

Concen: 24.865 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028627.D

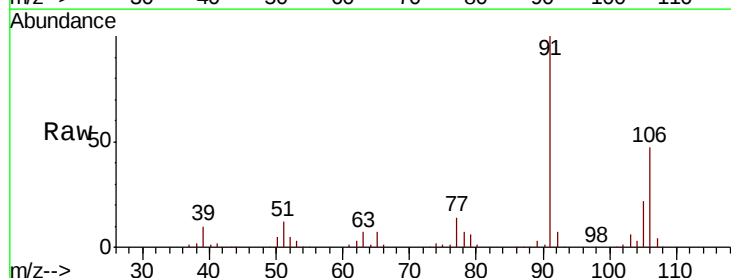
Acq: 11 Dec 2018 23:16

Tgt Ion: 106 Resp: 49960

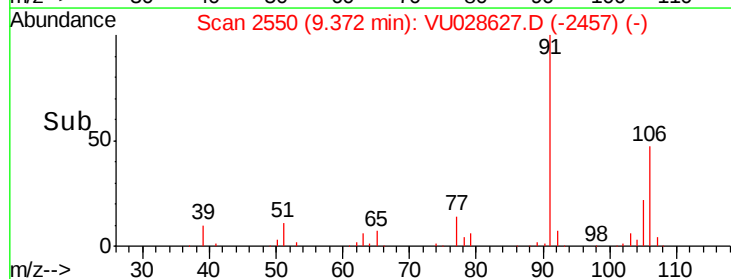
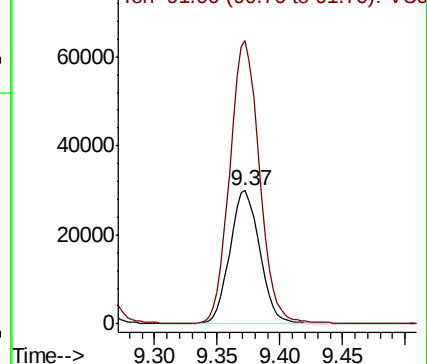
Ion Ratio Lower Upper

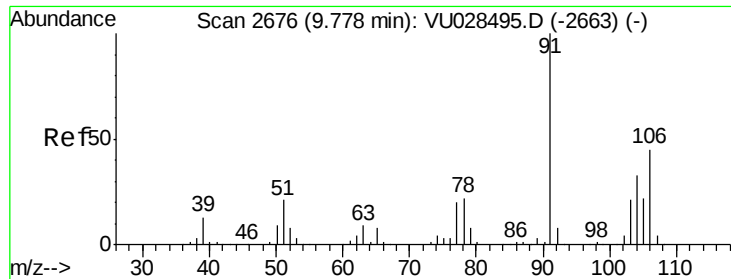
106 100

91 209.3 167.4 251.0



Abundance Ion 106.00 (105.70 to 106.70): VU028495.D (-2537) (-)

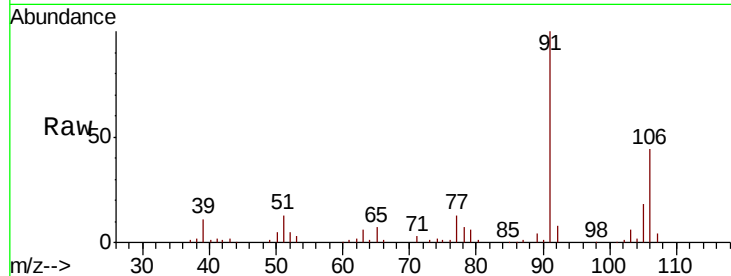




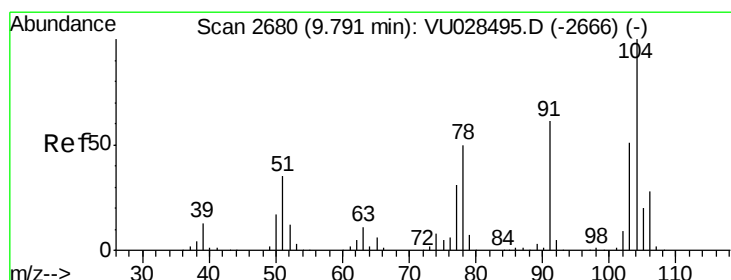
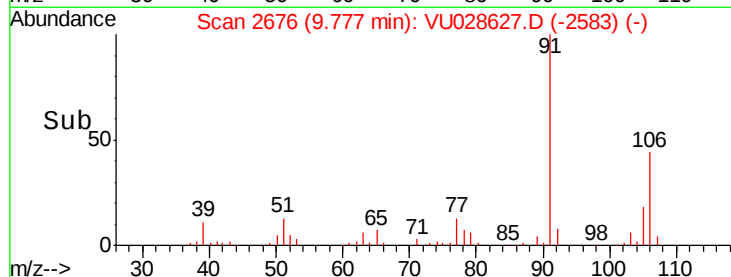
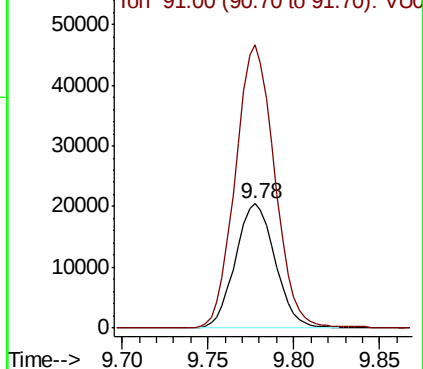
#69
o-Xylene
Concen: 16.886 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Instrument :
MSVOA_U
ClientSampleId :
RECLAIMER-PIT

Tot Ion:106 Resp: 32972
Ion Ratio Lower Upper
106 100
91 224.6 111.3 334.0

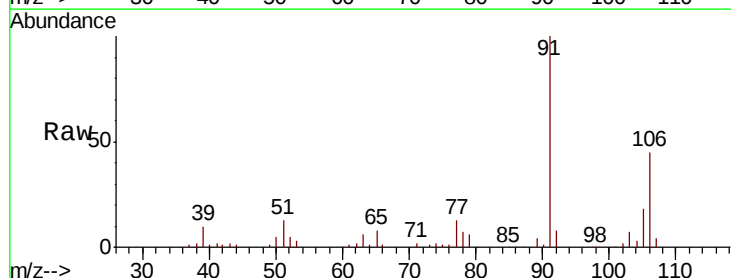


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

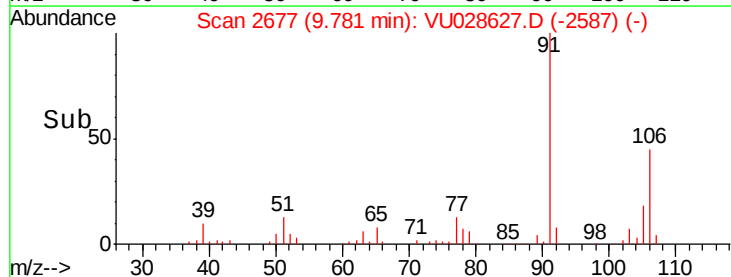
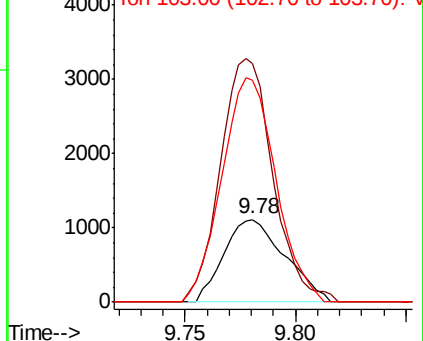


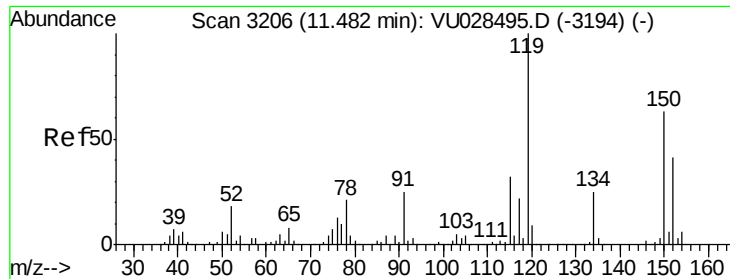
#70
Styrene
Concen: 0.663 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Tgt Ion:104 Resp: 2142
Ion Ratio Lower Upper
104 100
78 253.1 43.0 64.6#
103 240.3 44.2 66.4#



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



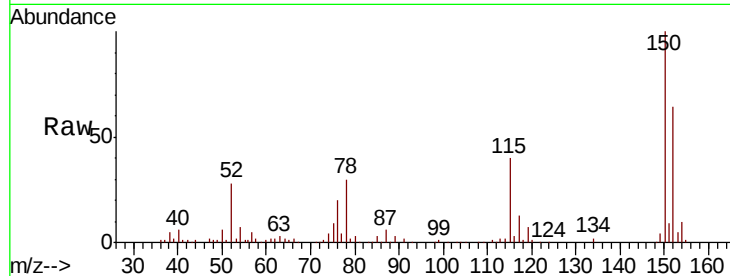


#72

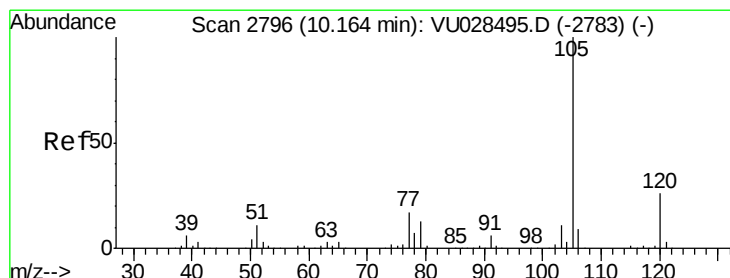
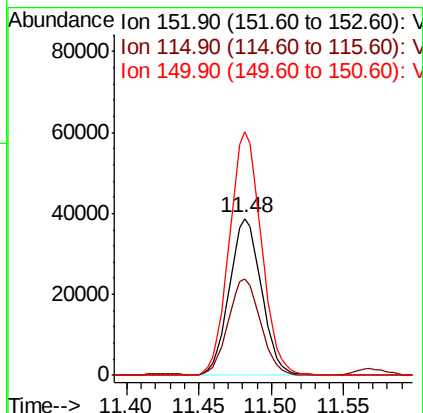
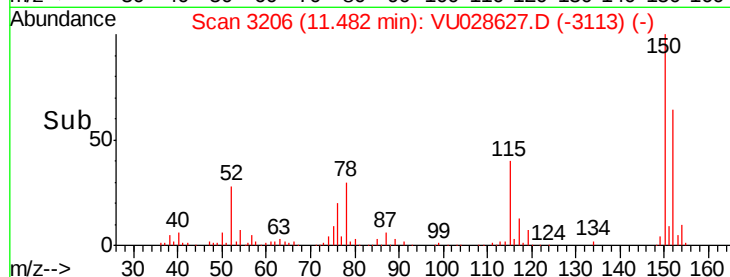
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Instrument :
MSVOA_U
ClientSampleId :
RECLAIMER-PIT

Tot Ion:152 Resp: 59562
Ion Ratio Lower Upper
152 100
115 62.1 42.7 128.1
150 155.3 0.0 346.0



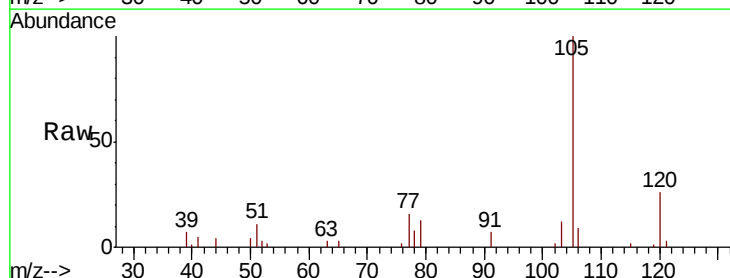
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



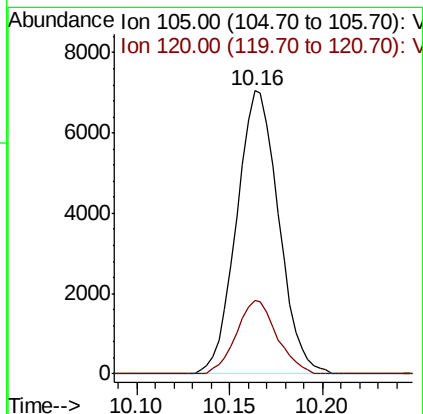
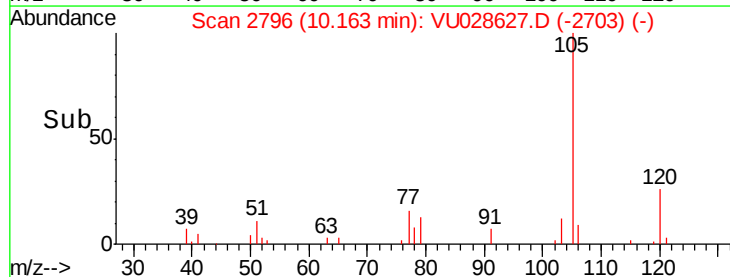
#73

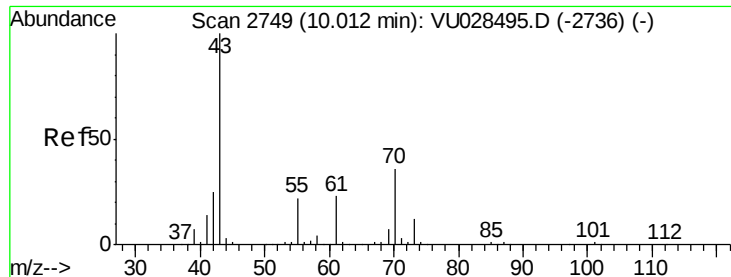
Isopropylbenzene
Concen: 2.438 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Tgt Ion:105 Resp: 11142
Ion Ratio Lower Upper
105 100
120 24.9 12.9 38.6



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





#74

N-amvl acetate

Concen: 0.284 ug/l

RT: 10.03 min Scan# 2756

Delta R.T. 0.02 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

RECLAIMER-PIT

Tot Ion: 43 Resp: 749

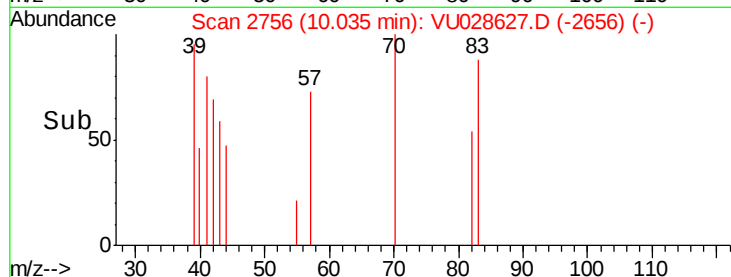
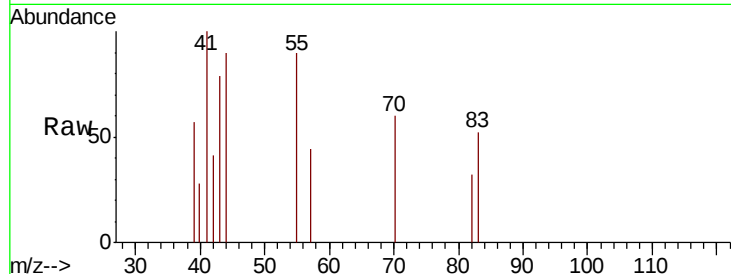
Ion Ratio Lower Upper

43 100

70 35.5 29.3 43.9

55 0.0 18.0 27.0#

61 0.0 18.3 27.5#

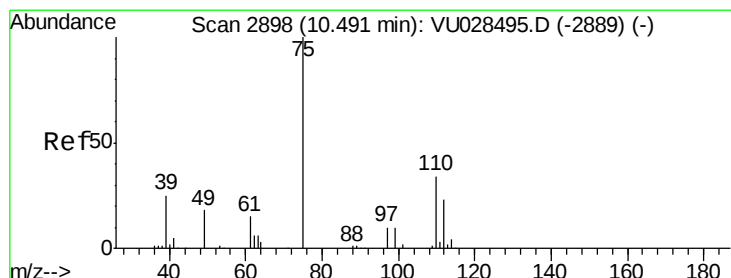
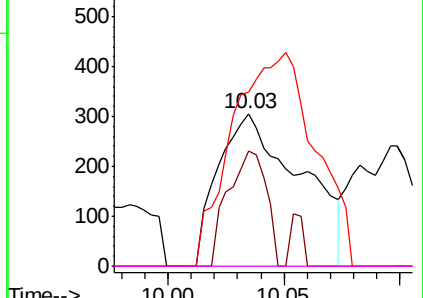


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 23.630 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU028627.D

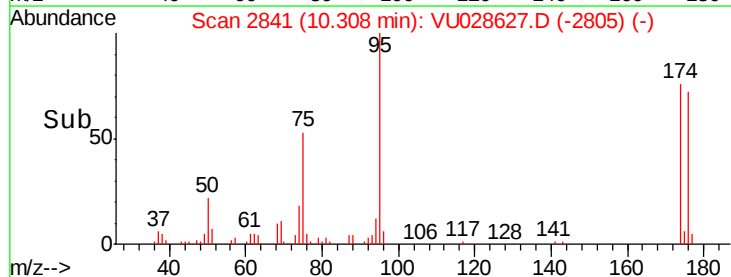
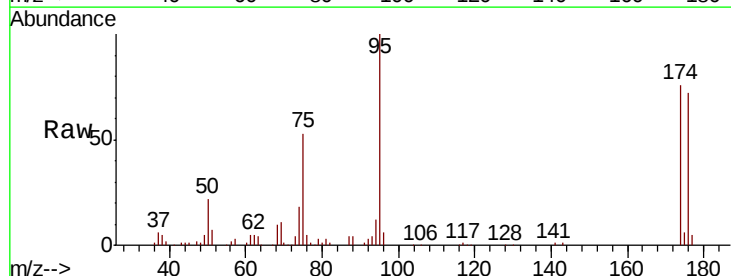
Acq: 11 Dec 2018 23:16

Tgt Ion: 75 Resp: 35939

Ion Ratio Lower Upper

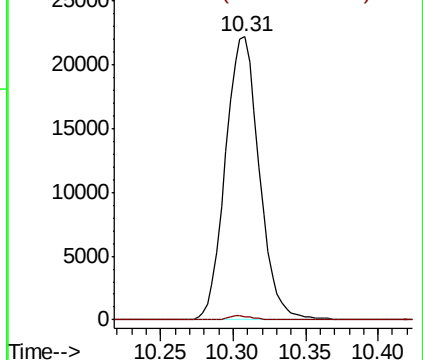
75 100

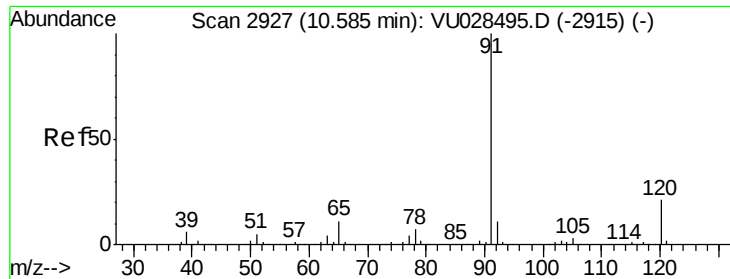
77 0.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 4.615 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

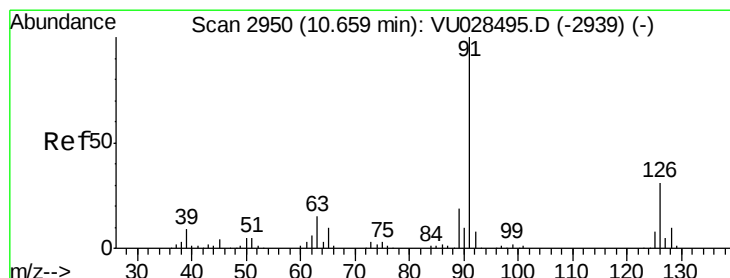
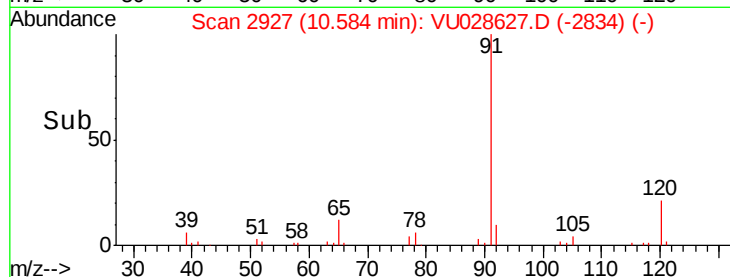
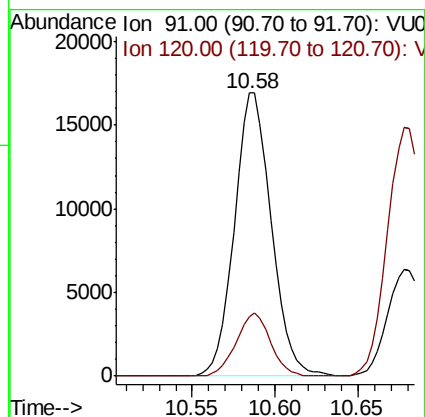
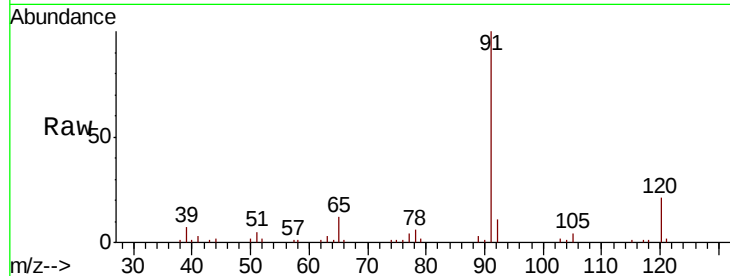
RECLAIMER-PIT

Tot Ion: 91 Resp: 26208

Ion Ratio Lower Upper

91 100

120 20.7 10.6 31.8



#79

2-Chlorotoluene

Concen: 4.030 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028627.D

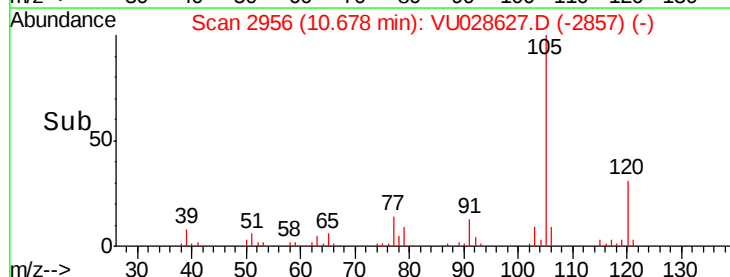
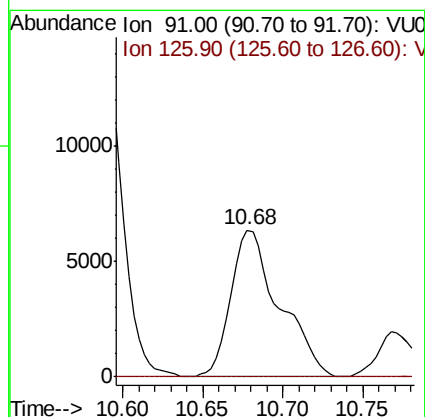
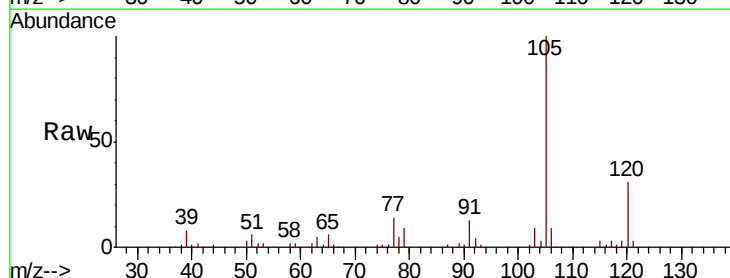
Acq: 11 Dec 2018 23:16

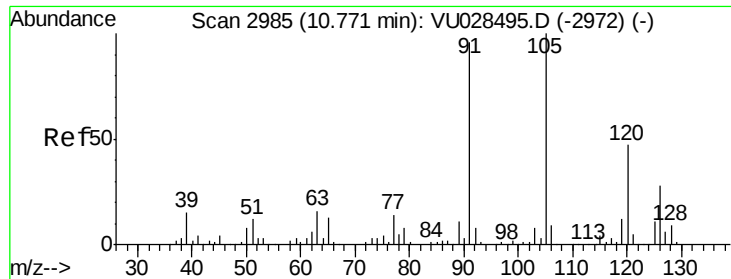
Tgt Ion: 91 Resp: 13184

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#

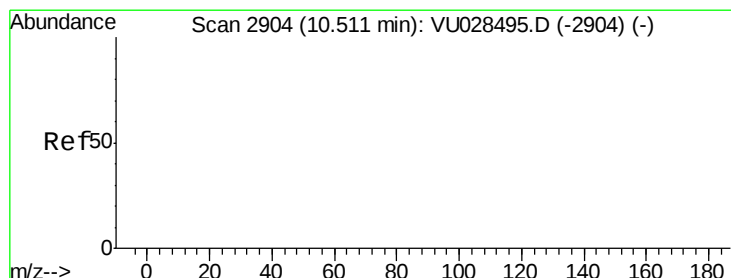
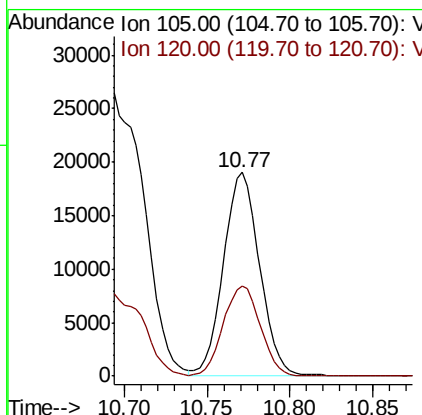
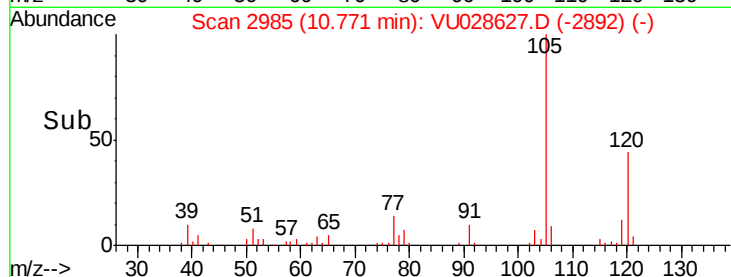
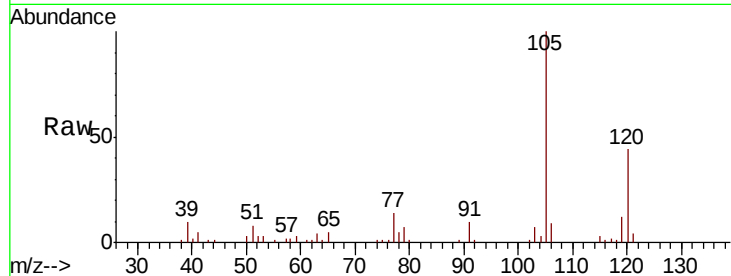




#80
 1,3,5-Trimethylbenzene
 Concen: 7.660 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

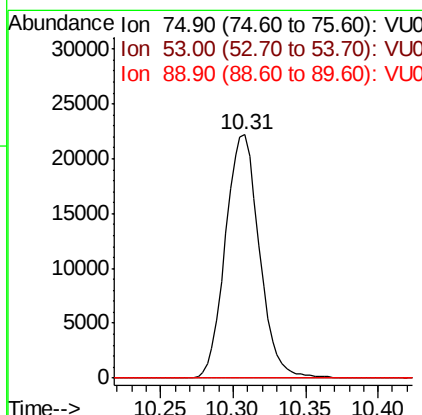
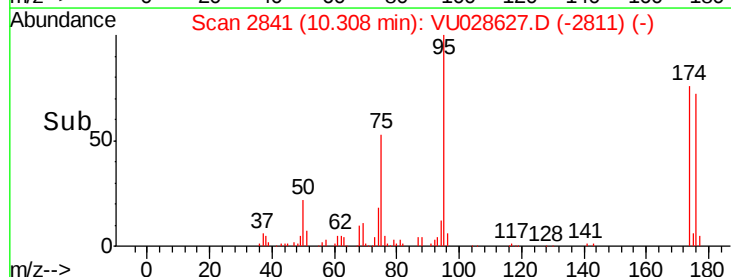
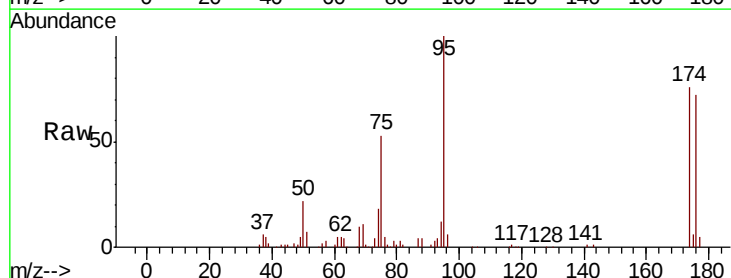
Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

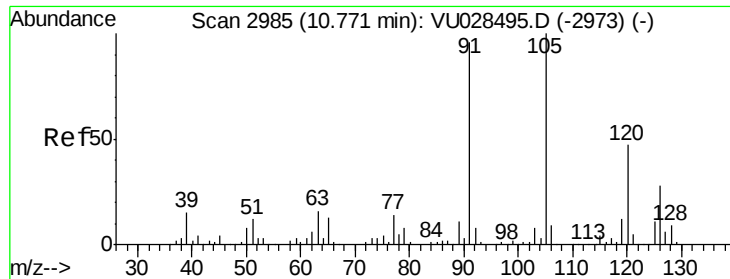
Tot Ion:105 Resp: 28980
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.013 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Tgt Ion: 75 Resp: 35939
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 0.777 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

Instrument :

MSVOA_U

ClientSampleId :

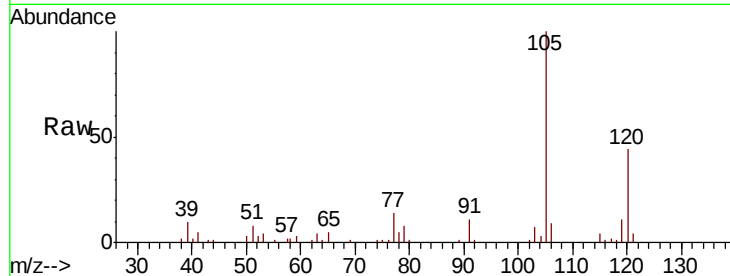
RECLAIMER-PIT

Tot Ion: 91 Resp: 3014

Ion Ratio Lower Upper

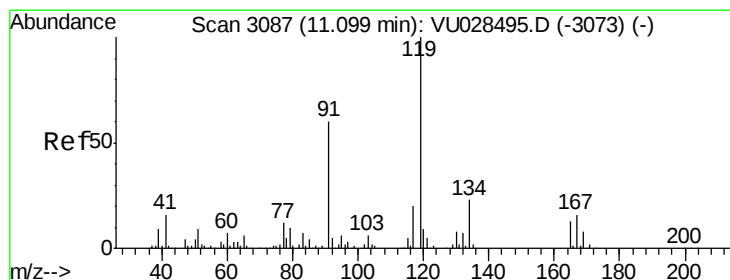
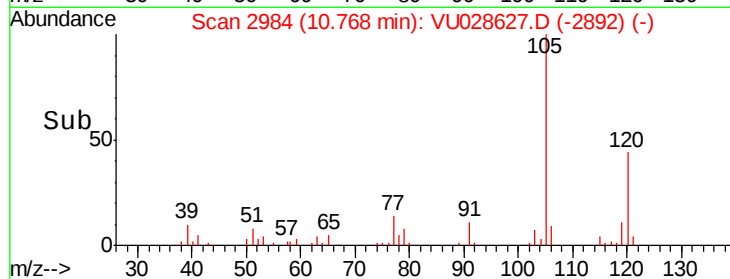
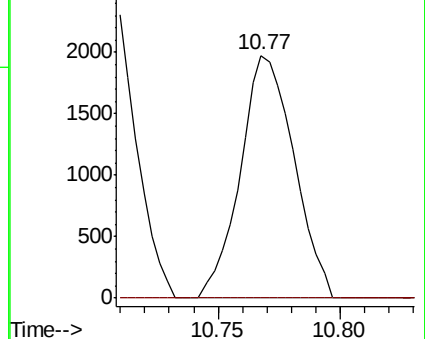
91 100

126 0.0 14.1 42.3#



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2973) (-)

Ion 125.90 (125.60 to 126.60): VU028495.D (-2973) (-)



#83

tert-Butylbenzene

Concen: 3.953 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.05 min

Lab File: VU028627.D

Acq: 11 Dec 2018 23:16

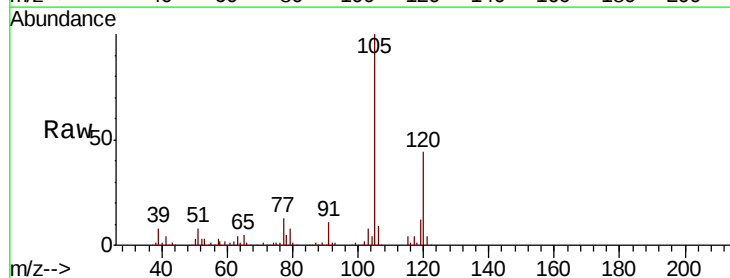
Tgt Ion: 119 Resp: 14413

Ion Ratio Lower Upper

119 100

91 89.3 30.3 91.0

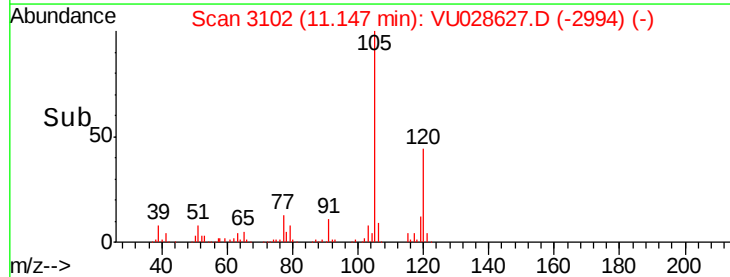
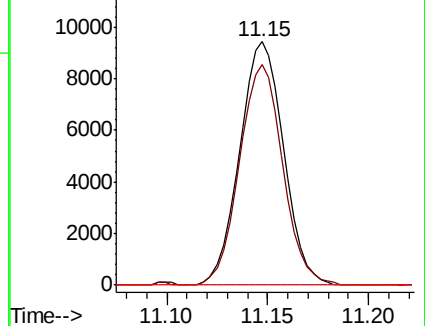
134 0.0 11.2 33.5#

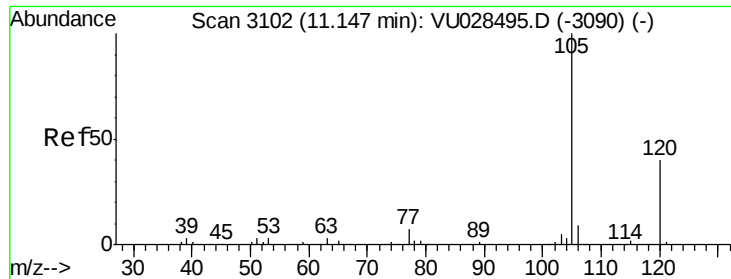


Abundance Ion 119.00 (118.70 to 119.70): VU028495.D (-3073) (-)

Ion 91.00 (90.70 to 91.70): VU028495.D (-3073) (-)

Ion 134.00 (133.70 to 134.70): VU028495.D (-3073) (-)

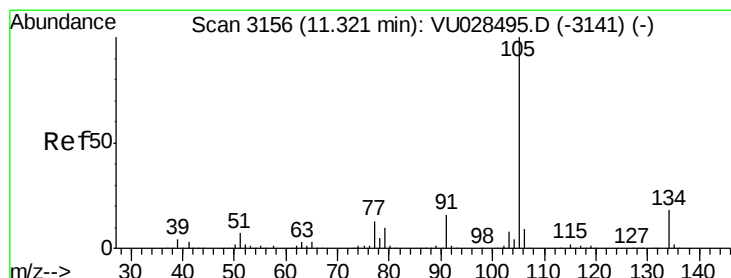
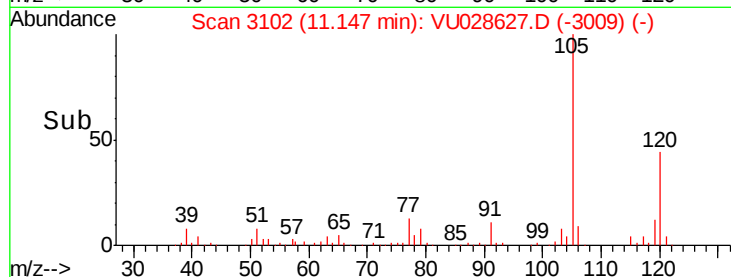
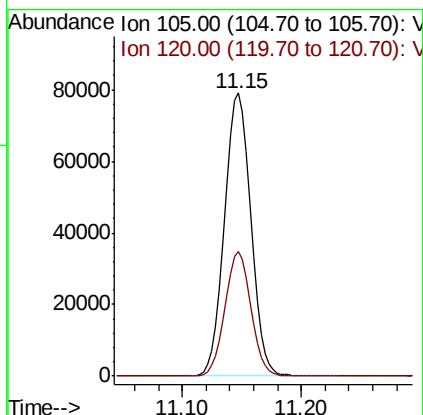
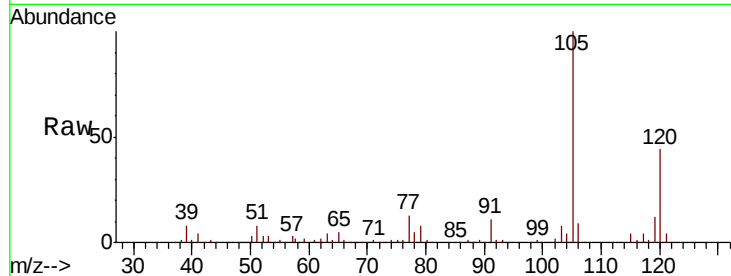




#84
 1,2,4-Trimethylbenzene
 Concen: 31.203 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

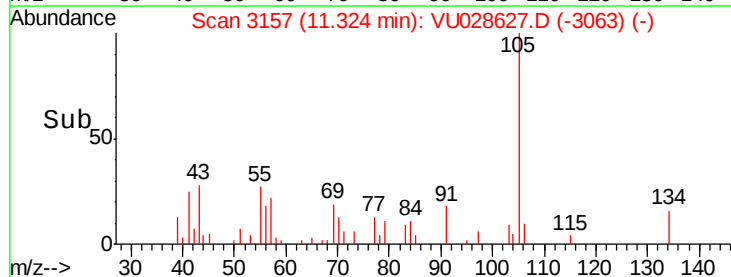
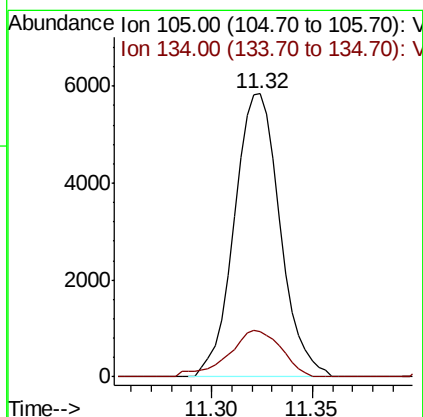
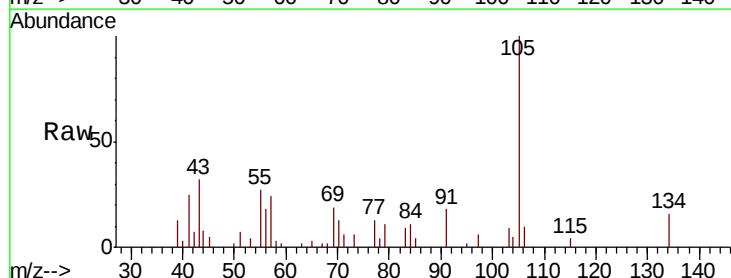
Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

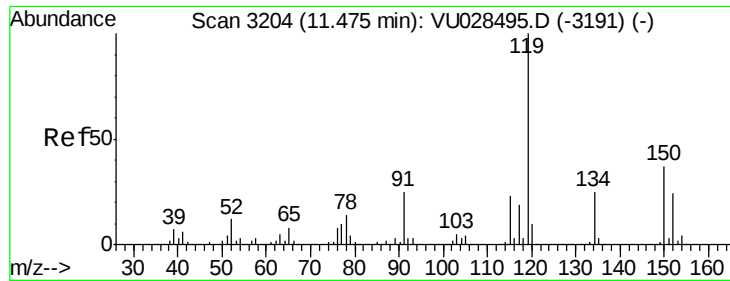
Tot Ion:105 Resp: 121658
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 1.982 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Tgt Ion:105 Resp: 9285
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.2 27.6

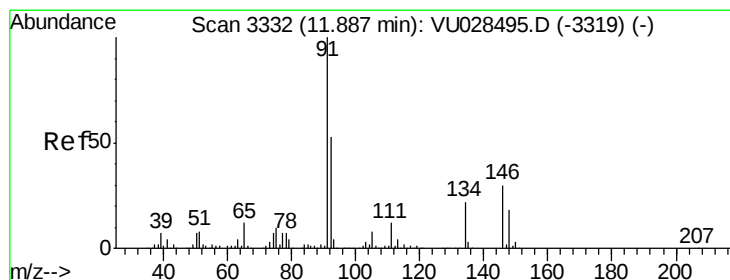
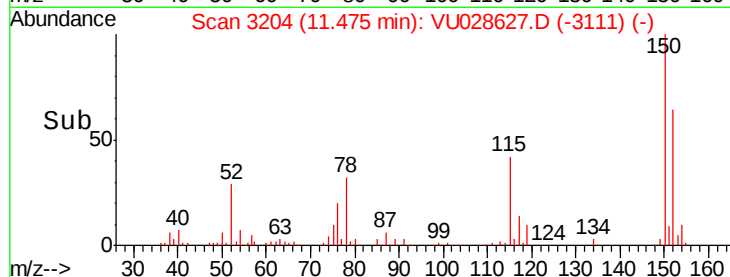
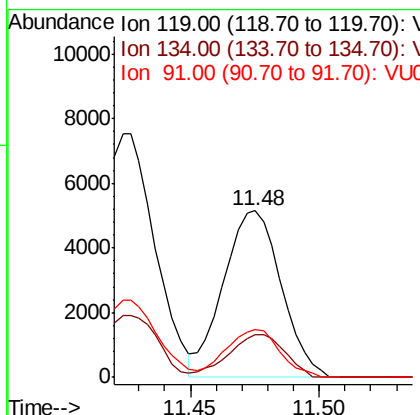
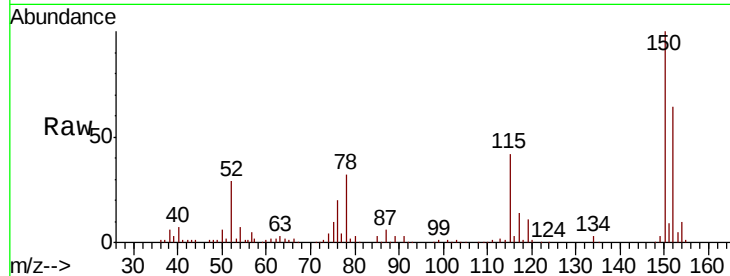




#86
p-Isopropyltoluene
Concen: 2.028 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

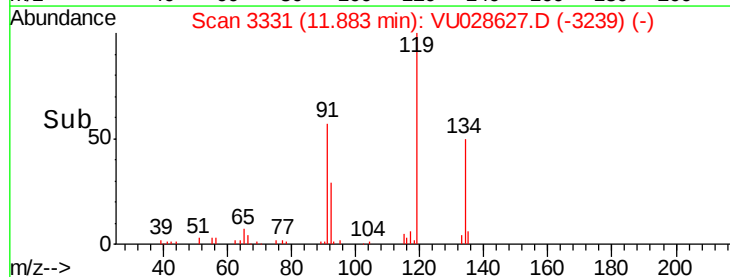
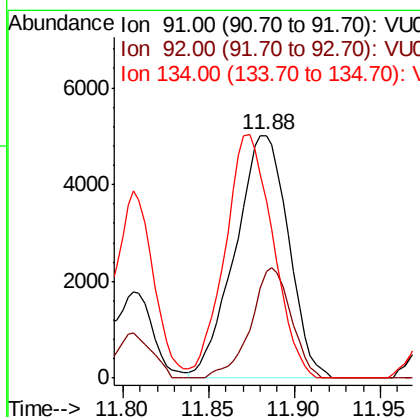
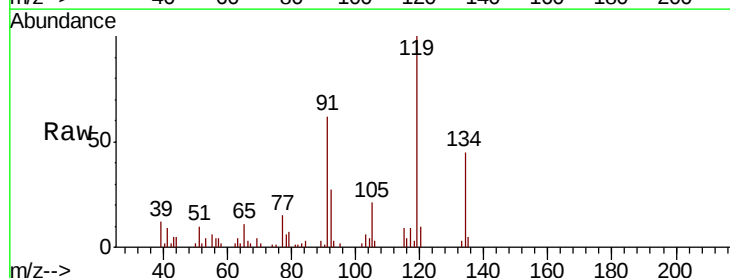
Instrument :
MSVOA_U
ClientSampleId :
RECLAIMER-PIT

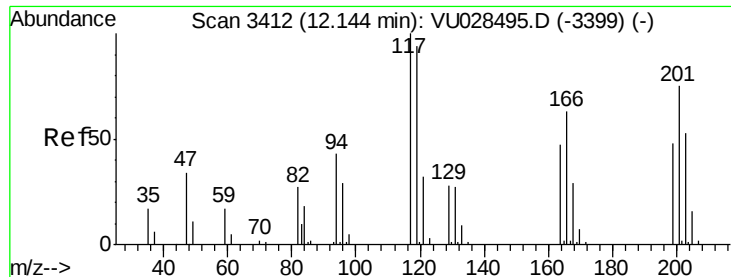
Tot Ion: 119 Resp: 8069
Ion Ratio Lower Upper
119 100
134 25.1 12.7 38.1
91 26.7 12.6 37.6



#89
n-Butylbenzene
Concen: 2.678 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU028627.D
Acq: 11 Dec 2018 23:16

Tgt Ion: 91 Resp: 10787
Ion Ratio Lower Upper
91 100
92 34.3 26.3 78.9
134 90.8 11.3 33.8#

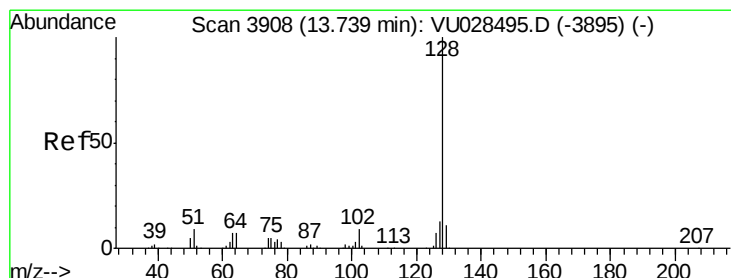
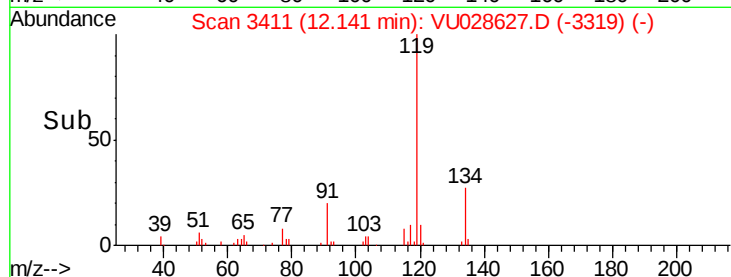
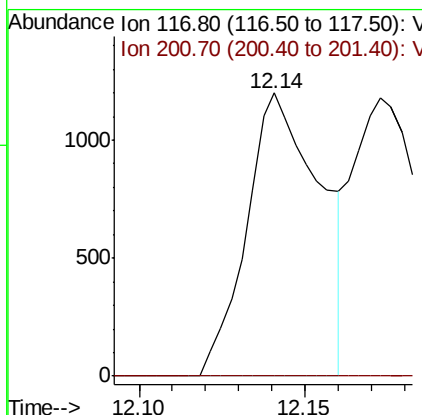
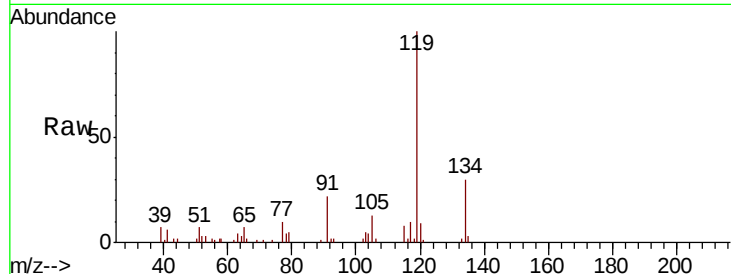




#90
 Hexachloroethane
 Concen: 3.072 ug/l
 RT: 12.14 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Instrument :
 MSVOA_U
 ClientSampleId :
 RECLAIMER-PIT

Tot Ion:117 Resp: 1848
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.1 114.5#



#95
 Naphthalene
 Concen: 7.165 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028627.D
 Acq: 11 Dec 2018 23:16

Tgt Ion:128 Resp: 34713
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.2 8.6 13.0

