

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028926.D
 Acq On : 22 Dec 2018 19:50
 Operator : MD/SY
 Sample : J6426-11MEDL 100X
 Misc : 6.73g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-3036-01MEDL

Quant Time: Dec 24 04:48:35 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	189341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	311833	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	119212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108450	37.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.06%	
35) Dibromofluoromethane	4.88	113	95262	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	7.56	98	383728	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	10.30	95	128104	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	

Target Compounds					Qvalue	
3) Chloromethane	1.33	50	1306	0.280	ug/l	95
11) Tert butyl alcohol	2.84	59	1346	2.091	ug/l #	73
16) Acetone	2.33	43	404	0.214	ug/l #	44
20) Methylene Chloride	2.70	84	1157	0.416	ug/l #	79
23) Vinyl Acetate	3.30	43	3531	0.441	ug/l #	35
31) Cyclohexane	4.98	56	4129	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	13470	3.947	ug/l #	50
38) Carbon Tetrachloride	4.98	117	16609	6.039	ug/l #	15
39) Methylcyclohexane	6.41	83	3028	0.727	ug/l	92
48) Methyl methacrylate	6.41	41	1164	0.335	ug/l #	86
51) 4-Methyl-2-Pentanone	7.56	43	1343	0.305	ug/l #	1
52) Toluene	7.64	92	207623	35.103	ug/l	97
53) t-1,3-Dichloropropene	7.63	75	2176	0.560	ug/l #	1
65) Chlorobenzene	9.12	112	1238	0.211	ug/l	100
67) Ethyl Benzene	9.25	91	166467	15.457	ug/l	99
68) m/p-Xylenes	9.37	106	563062	143.685	ug/l	96
69) o-Xylene	9.78	106	144229	37.873	ug/l	94
70) Styrene	9.78	104	6785	1.077	ug/l #	1
73) Isopropylbenzene	10.17	105	7629	0.834	ug/l	97
76) 1,2,3-Trichloropropane	10.60	75	1967	0.646	ug/l	91
78) n-propylbenzene	10.59	91	13029	1.146	ug/l	94
79) 2-Chlorotoluene	10.68	91	4753	0.726	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	14045	1.855	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.60	75	1967	2.096	ug/l #	100
82) 4-Chlorotoluene	10.77	91	1678	0.216	ug/l #	47
83) tert-Butylbenzene	11.15	119	4577	0.627	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.15	105	39376	5.046	ug/l	99
86) p-Isopropyltoluene	11.48	119	11416	1.433	ug/l	97
87) 1,3-Dichlorobenzene	11.51	146	7408	1.834	ug/l	83
88) 1,4-Dichlorobenzene	11.51	146	7408	1.772	ug/l	82
89) n-Butylbenzene	11.88	91	3143	0.390	ug/l #	37
90) Hexachloroethane	12.15	117	318	0.264	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	2390	0.591	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	12.48	75	2172	2.855	ug/l #	13

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Quant Time: Dec 24 04:48:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
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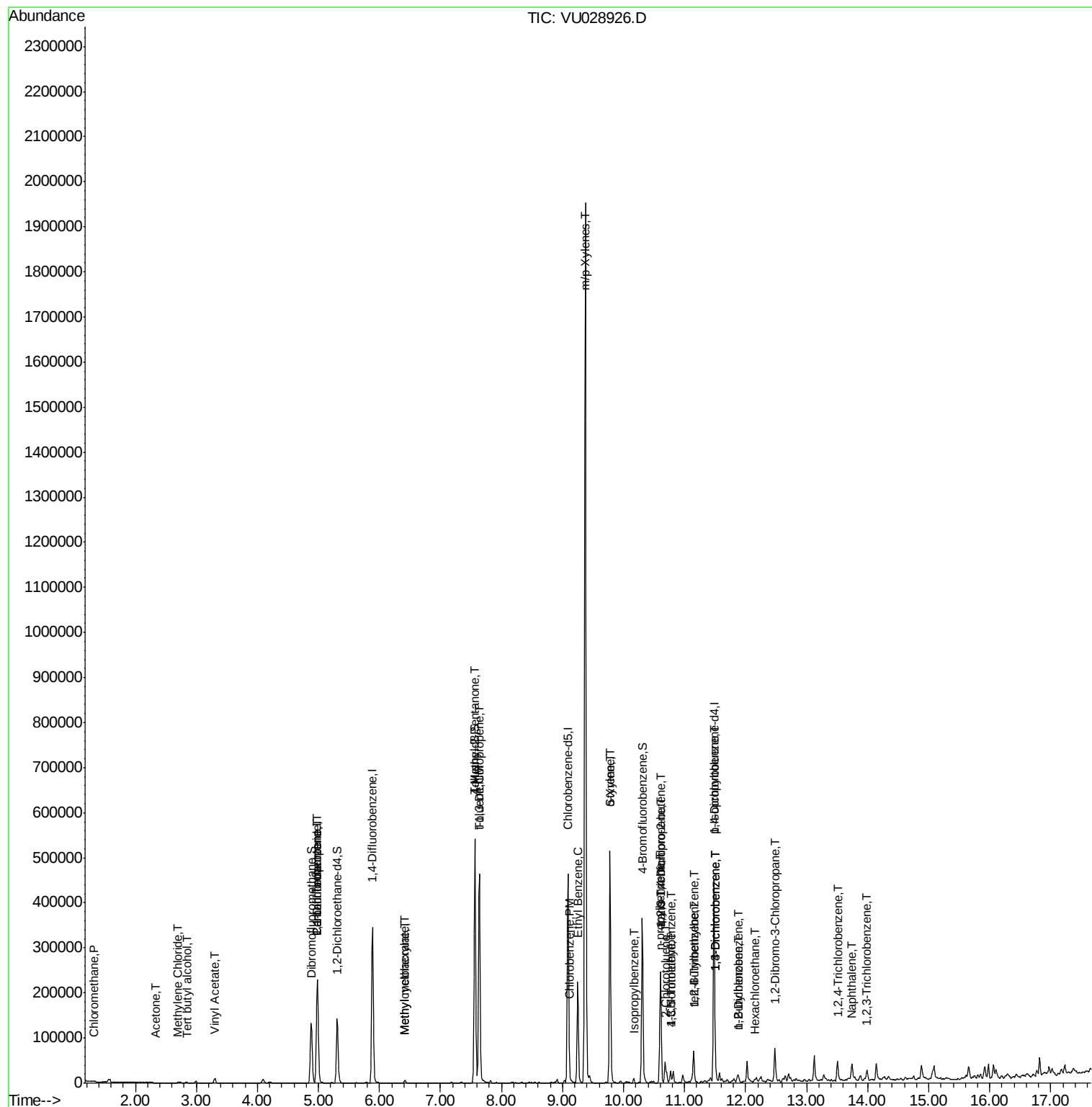
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	13398	5.587	ug/l	96
95) Naphthalene	13.74	128	29691	3.062	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	7946	3.013	ug/l	95

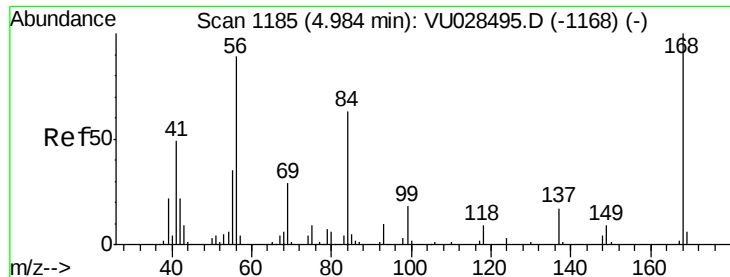
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

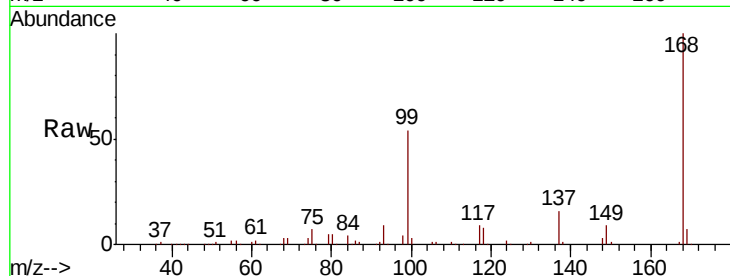
P001-SS013A-3036-01MEDL

Tgt Ion:168 Resp: 189341

Ion Ratio Lower Upper

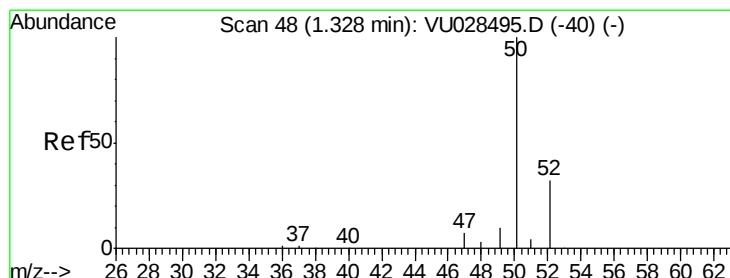
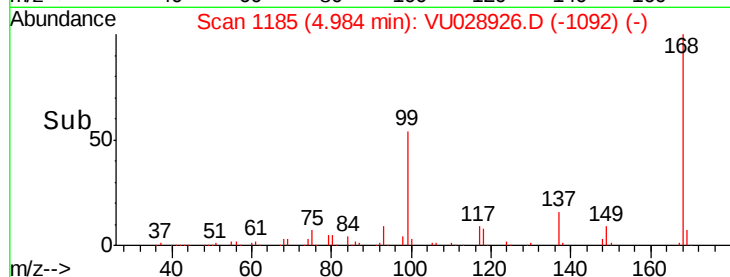
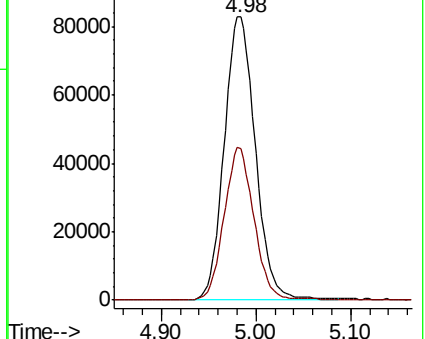
168 100

99 53.7 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) (-)



#3

Chloromethane

Concen: 0.280 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028926.D

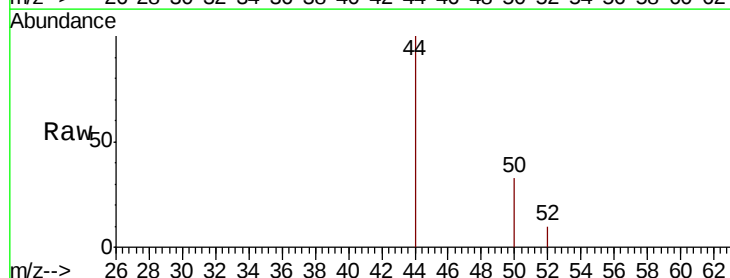
Acq: 22 Dec 2018 19:50

Tgt Ion: 50 Resp: 1306

Ion Ratio Lower Upper

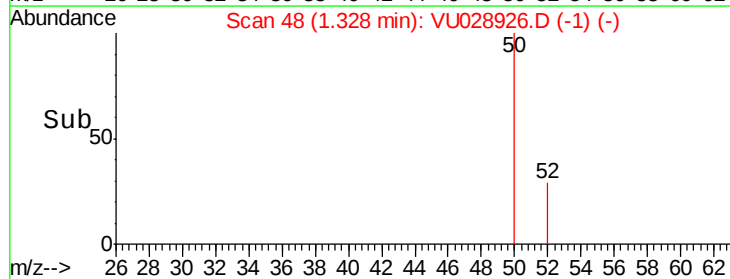
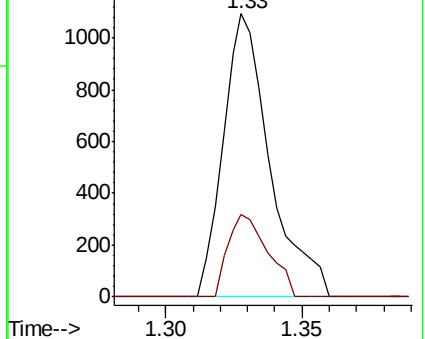
50 100

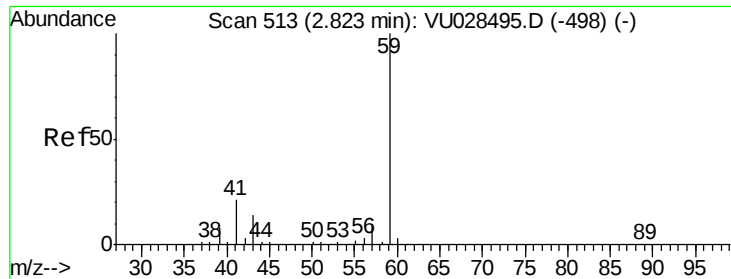
52 29.1 25.5 38.3



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

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

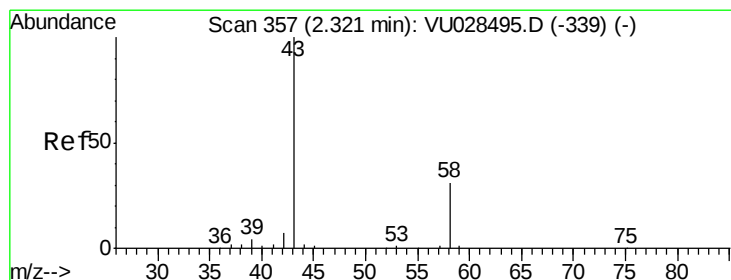
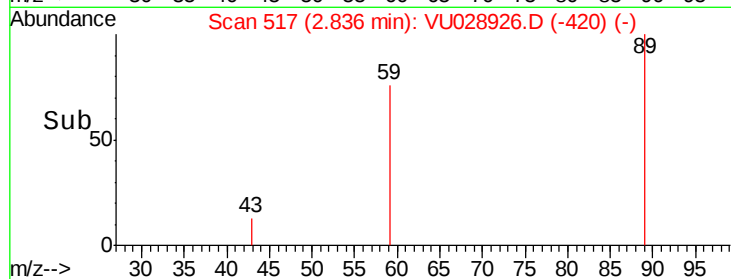
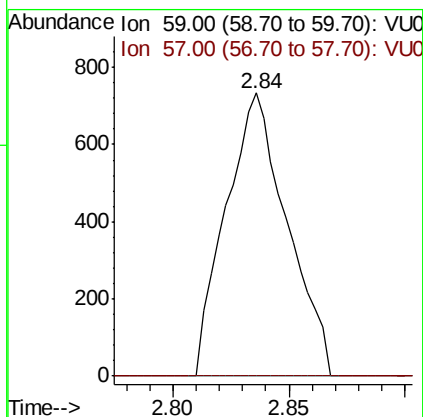
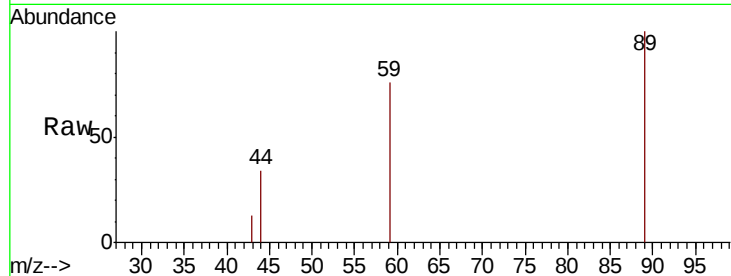




#11
Tert butyl alcohol
Concen: 2.091 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

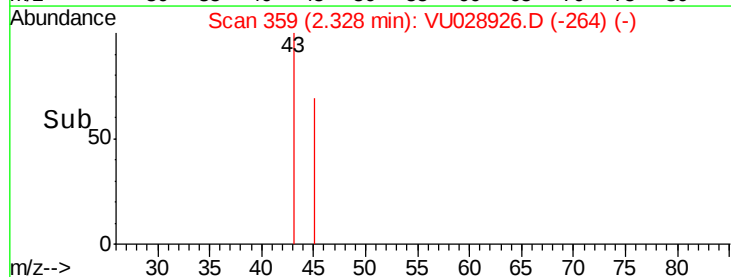
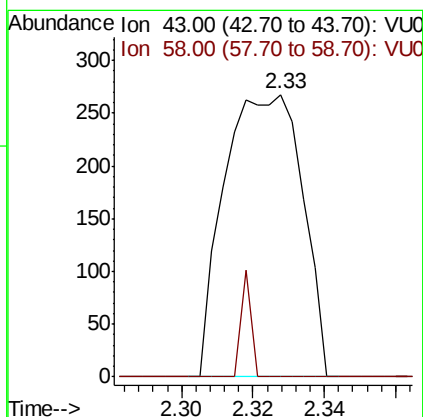
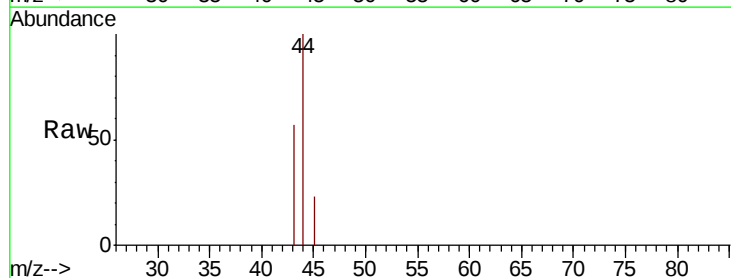
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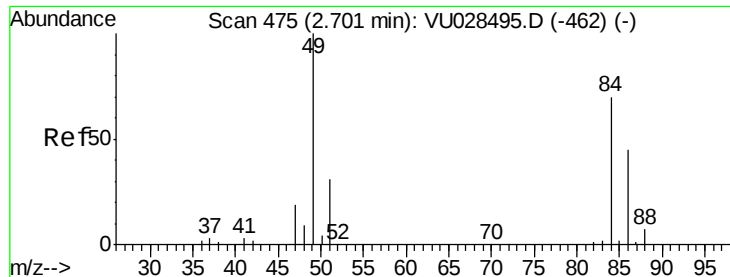
Tgt Ion: 59 Resp: 1346
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 0.214 ug/l
RT: 2.33 min Scan# 359
Delta R.T. 0.01 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#

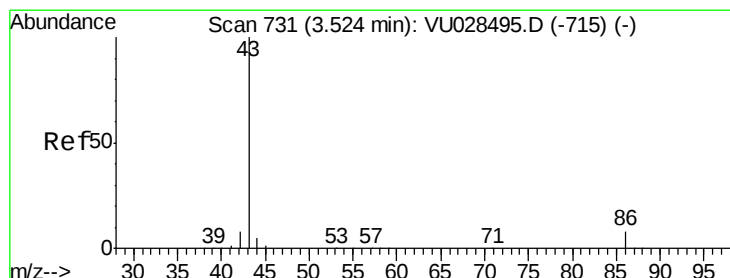
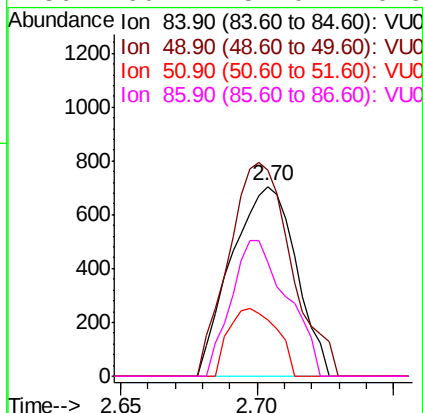
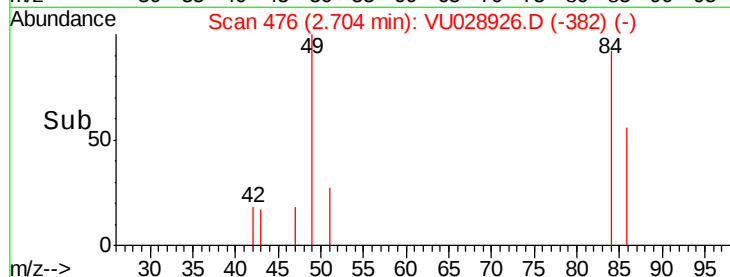
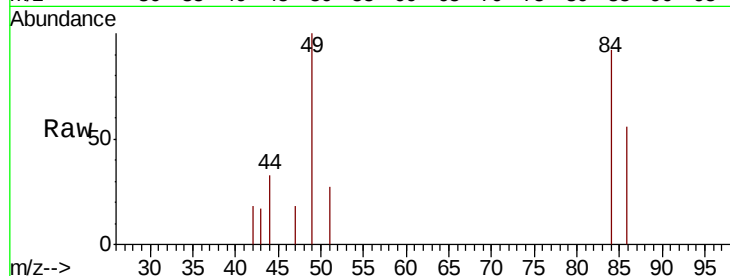




#20
Methylene Chloride
Concen: 0.416 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

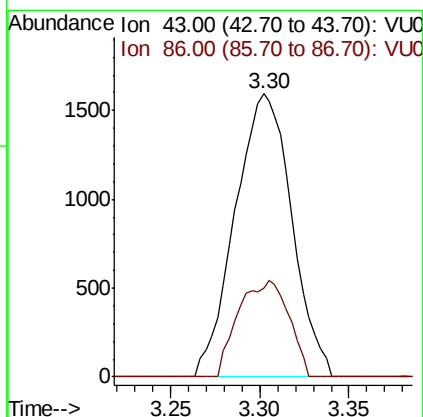
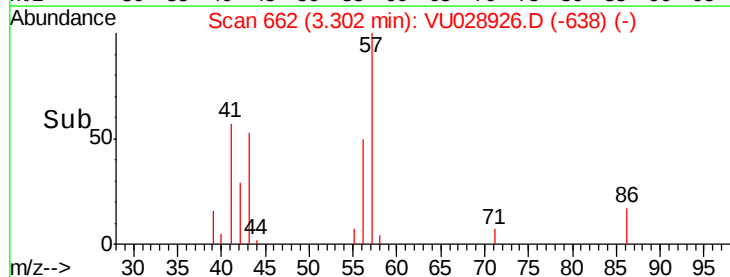
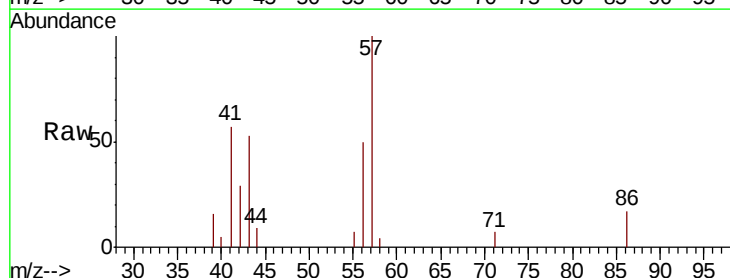
Instrument :
MSVOA_U
ClientSampleId :
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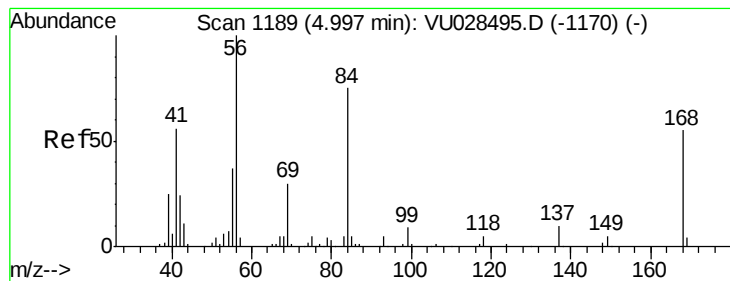
Tgt Ion: 84 Resp: 1157
Ion Ratio Lower Upper
84 100
49 108.7 114.0 171.0#
51 29.7 35.1 52.7#
86 60.4 51.0 76.6



#23
Vinyl Acetate
Concen: 0.441 ug/l
RT: 3.30 min Scan# 662
Delta R.T. -0.22 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion: 43 Resp: 3531
Ion Ratio Lower Upper
43 100
86 31.6 6.8 10.2#





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01MEDL

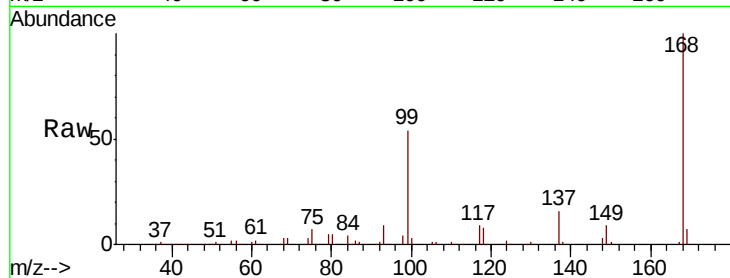
Tgt Ion: 56 Resp: 4129

Ion Ratio Lower Upper

56 100

69 165.4 24.0 36.0#

84 170.2 59.7 89.5#

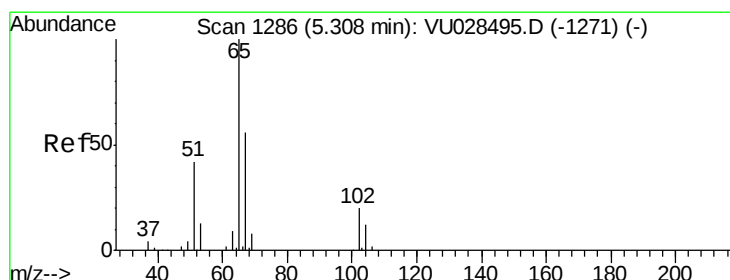
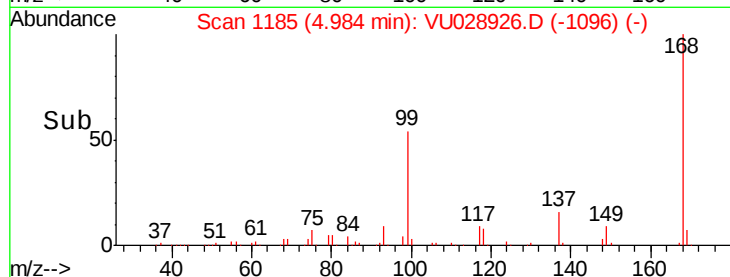
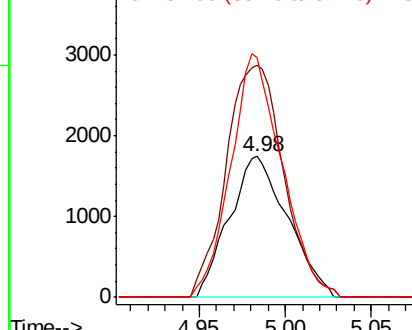


Abundance

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: 37.533 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028926.D

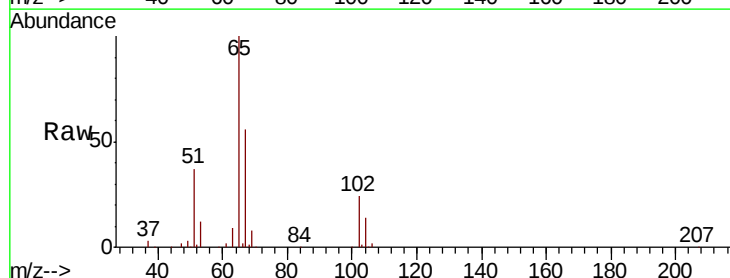
Acq: 22 Dec 2018 19:50

Tgt Ion: 65 Resp: 108450

Ion Ratio Lower Upper

65 100

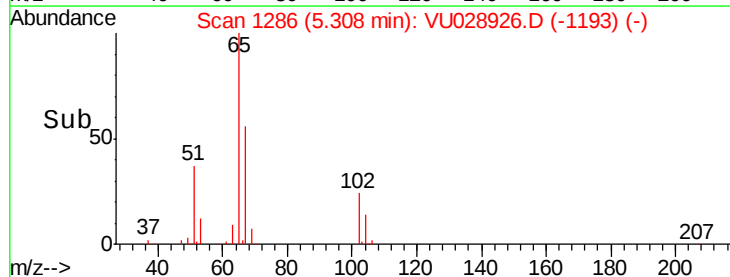
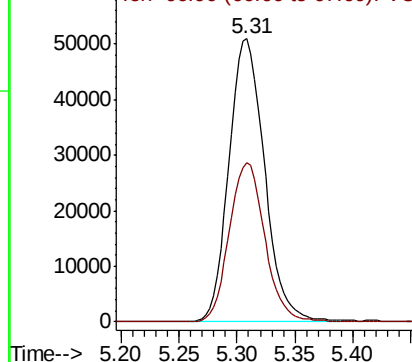
67 56.3 0.0 110.6

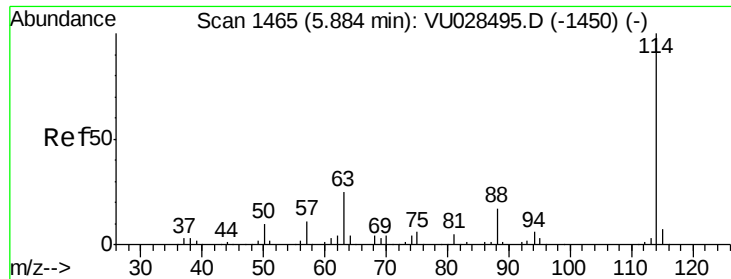


Abundance

Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

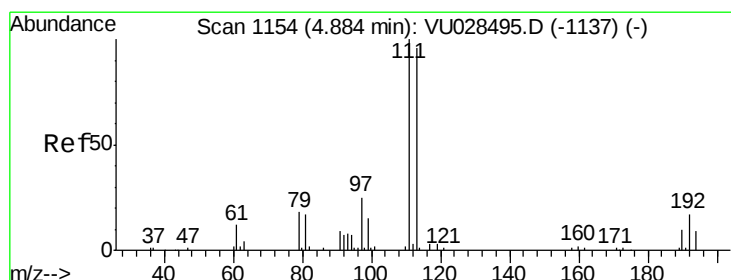
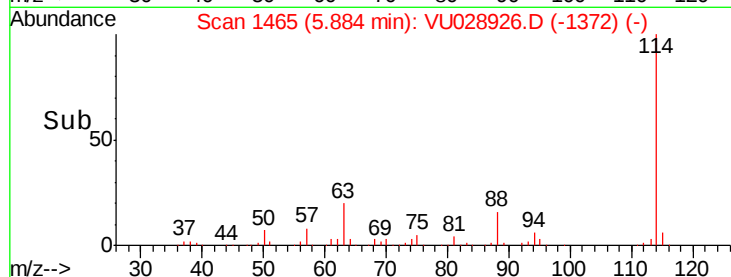
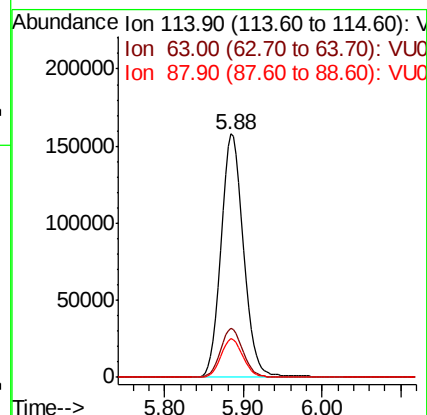
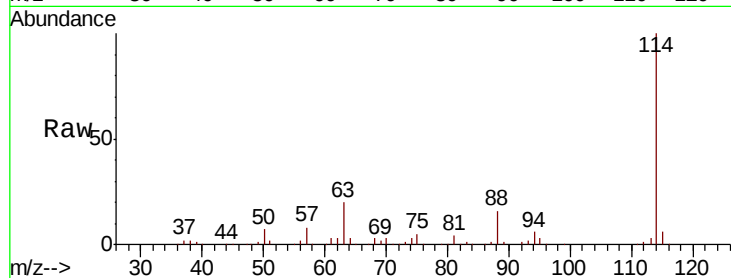




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

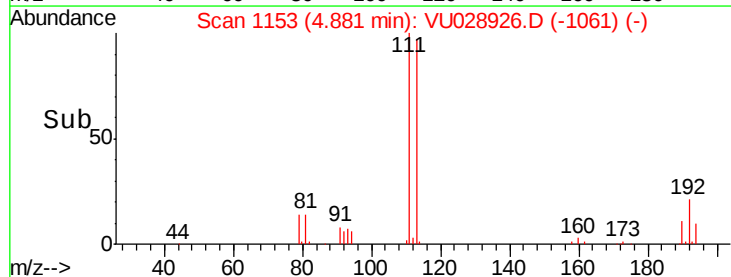
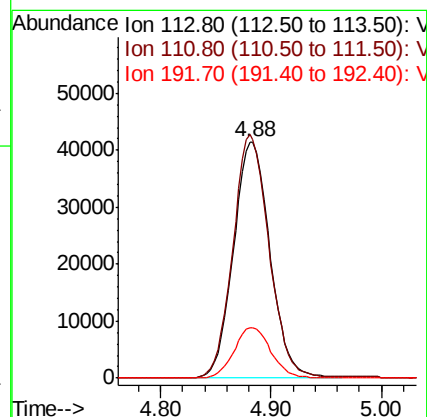
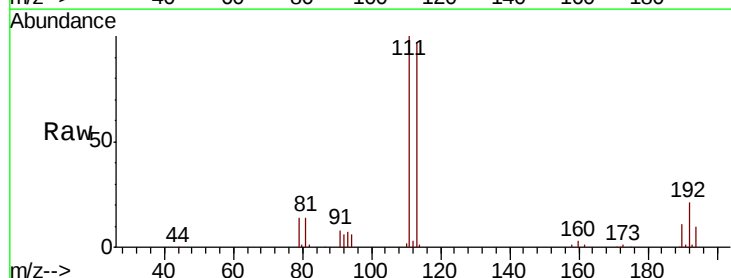
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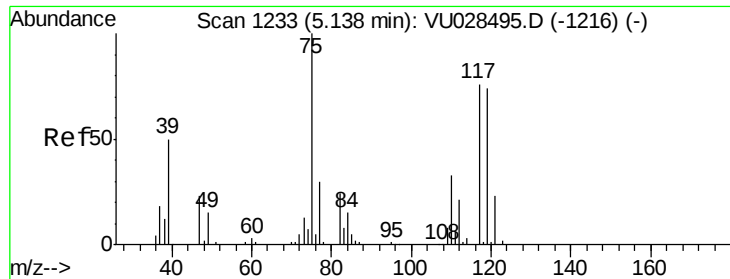
Tgt Ion:114 Resp: 311833
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 49.2
 88 15.8 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 48.544 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

Tgt Ion:113 Resp: 95262
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.4 125.0
 192 21.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 3.947 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01MEDL

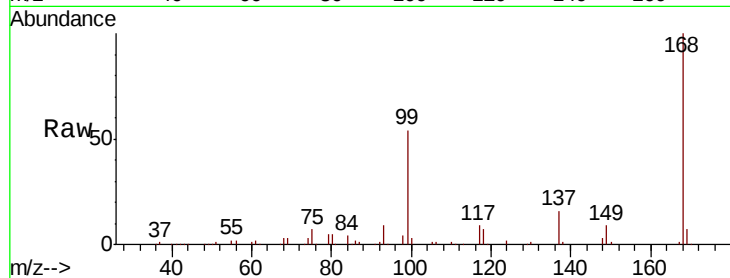
Tgt Ion: 75 Resp: 13470

Ion Ratio Lower Upper

75 100

110 7.8 16.1 48.2#

77 0.0 24.5 36.7#

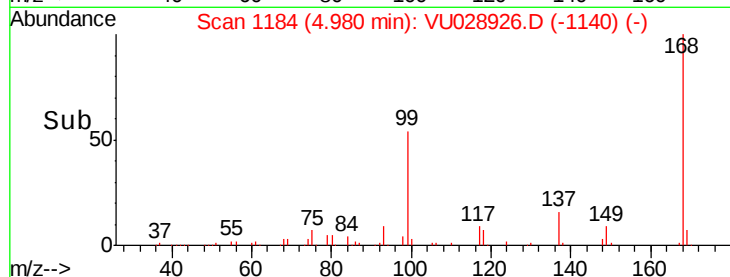


Abundance Ion 74.90 (74.60 to 75.60): VU028926.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU028926.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU028926.D (-1140) (-)

Time-->



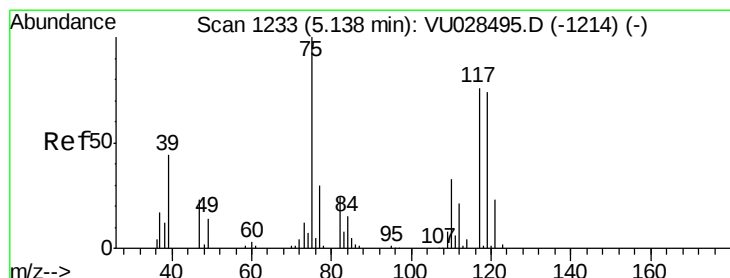
Abundance

Ion 74.90 (74.60 to 75.60): VU028926.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU028926.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU028926.D (-1140) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.039 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

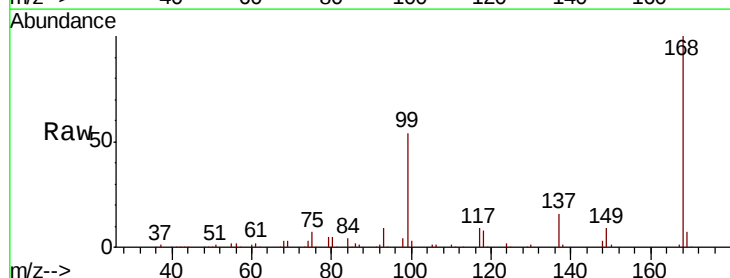
Tgt Ion: 117 Resp: 16609

Ion Ratio Lower Upper

117 100

119 4.6 77.6 116.4#

121 0.0 24.6 36.8#

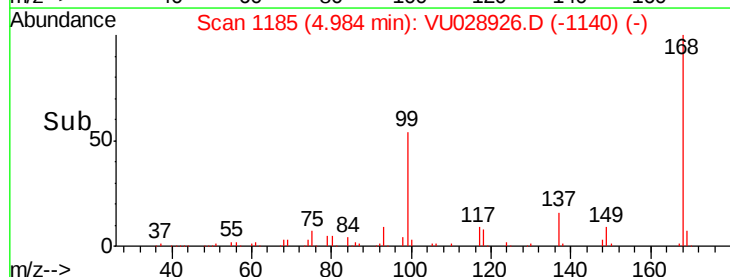


Abundance Ion 116.80 (116.50 to 117.50): VU028926.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU028926.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028926.D (-1140) (-)

Time-->



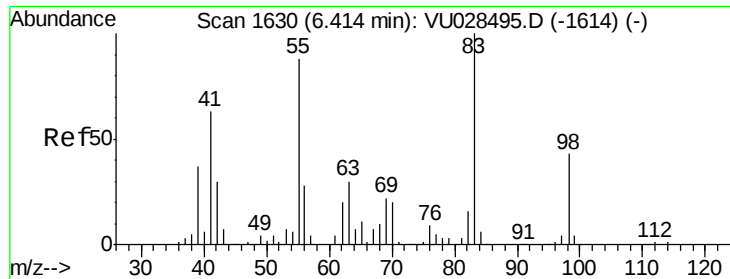
Abundance

Ion 116.80 (116.50 to 117.50): VU028926.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU028926.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028926.D (-1140) (-)

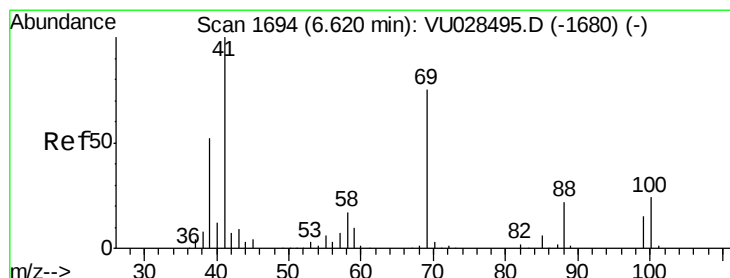
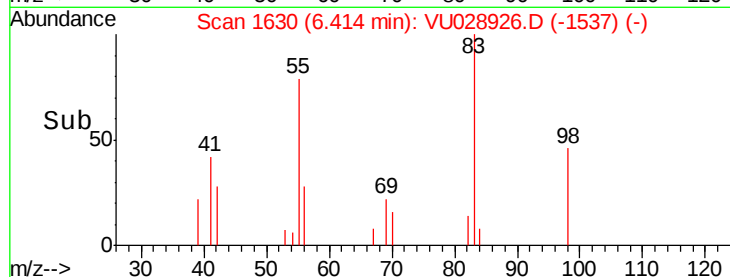
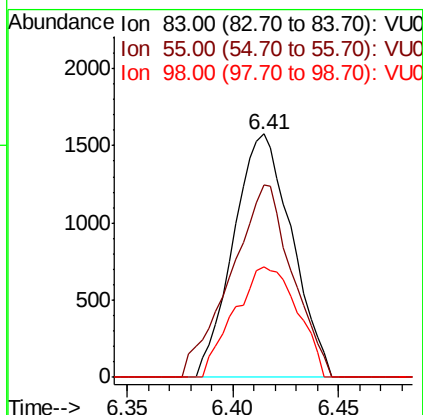
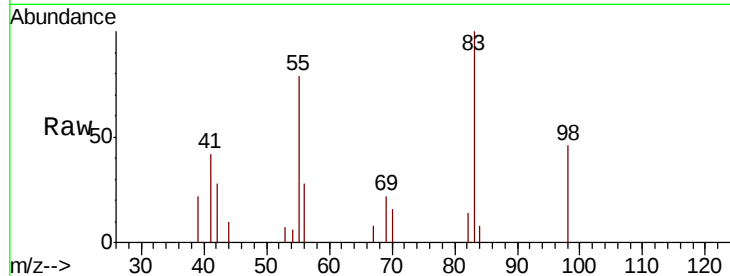
Time-->



#39
Methylcyclohexane
Concen: 0.727 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

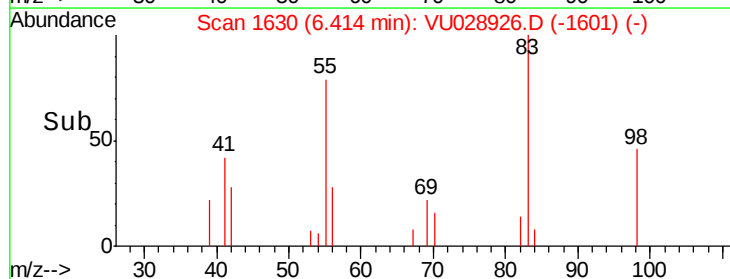
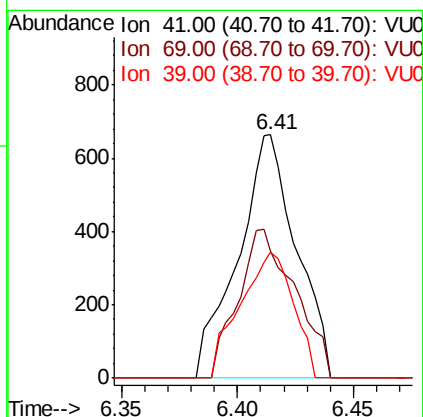
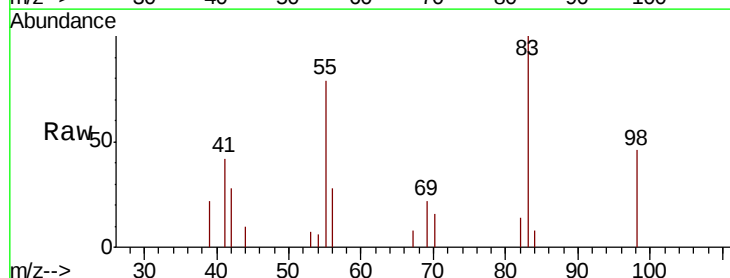
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01MEDL

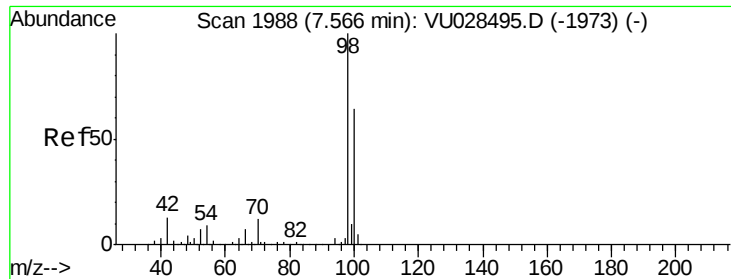
Tgt Ion: 83 Resp: 3028
Ion Ratio Lower Upper
83 100
55 78.9 70.2 105.2
98 45.5 34.2 51.4



#48
Methyl methacrylate
Concen: 0.335 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.21 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion: 41 Resp: 1164
Ion Ratio Lower Upper
41 100
69 59.3 60.4 90.6#
39 47.3 41.1 61.7





#50

Toluene-d8

Concen: 49.431 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

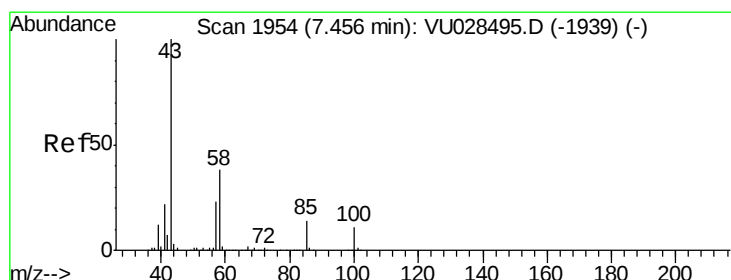
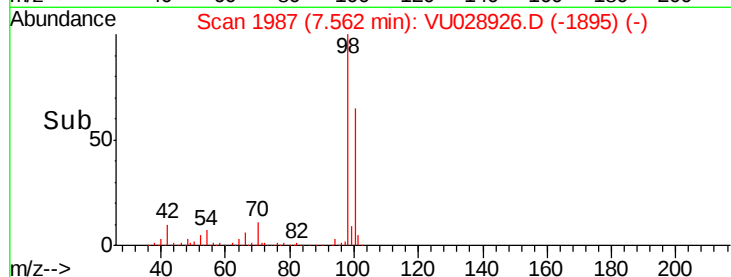
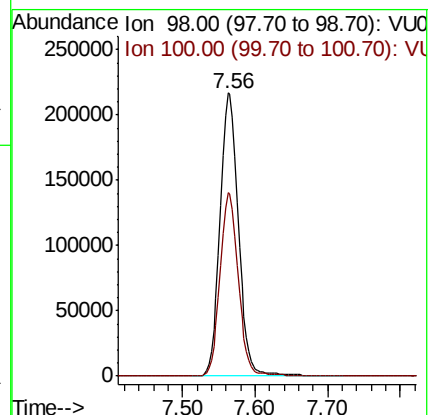
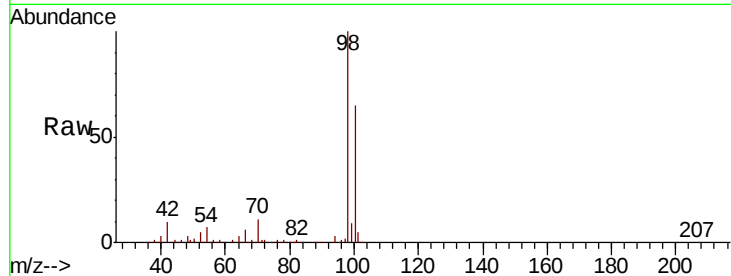
P001-SS013A-3036-01MEDL

Tgt Ion: 98 Resp: 383728

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.6



#51

4-Methyl-2-Pentanone

Concen: 0.305 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028926.D

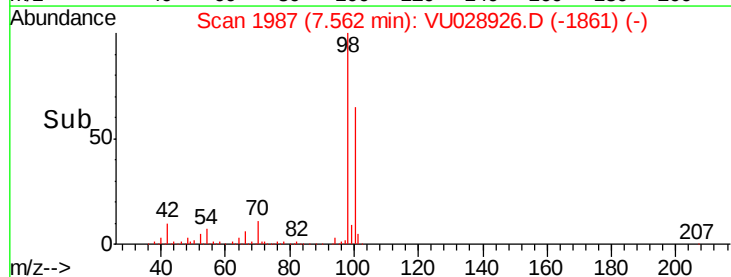
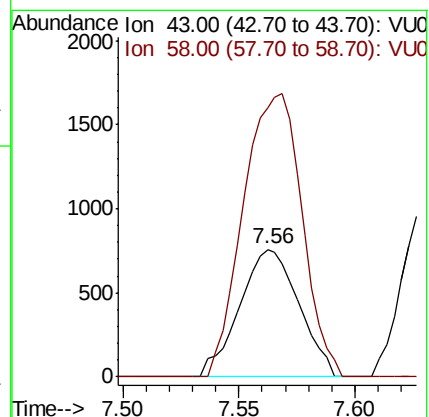
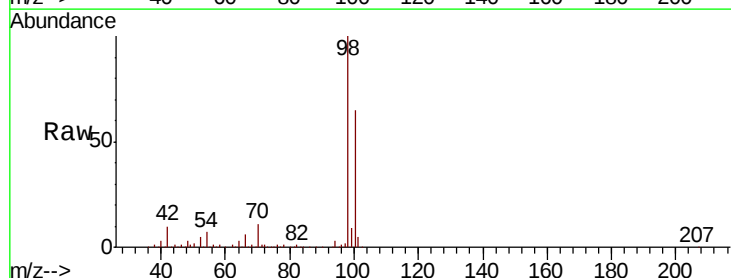
Acq: 22 Dec 2018 19:50

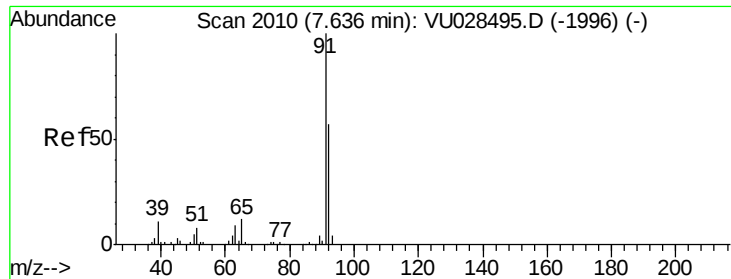
Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

43 100

58 220.6 30.2 45.2#





#52

Toluene

Concen: 35.103 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

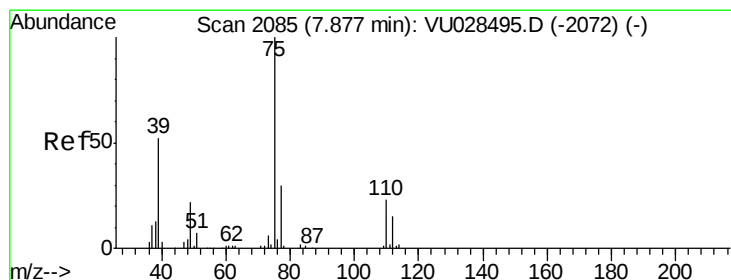
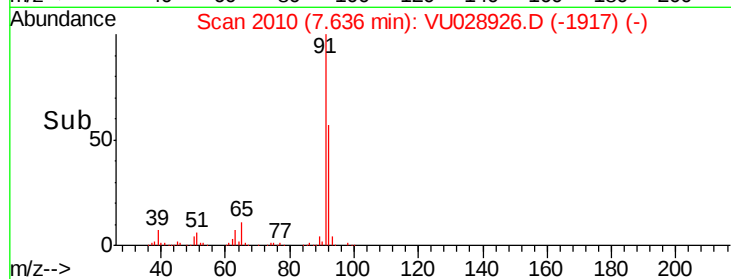
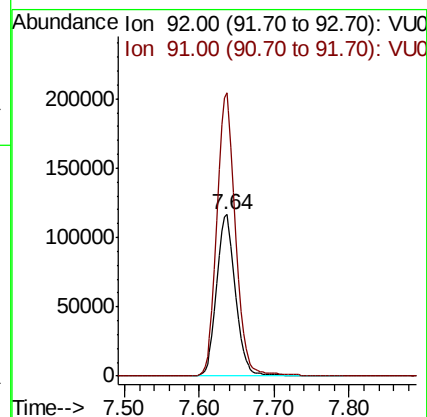
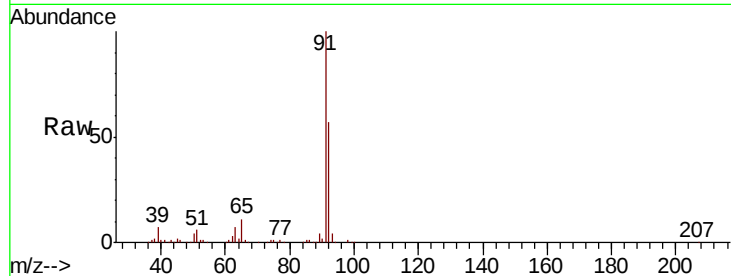
P001-SS013A-3036-01MEDL

Tgt Ion: 92 Resp: 207623

Ion Ratio Lower Upper

92 100

91 171.6 140.2 210.4



#53

t-1,3-Dichloropropene

Concen: 0.560 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.24 min

Lab File: VU028926.D

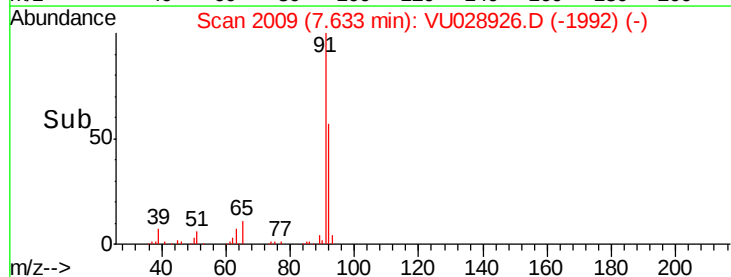
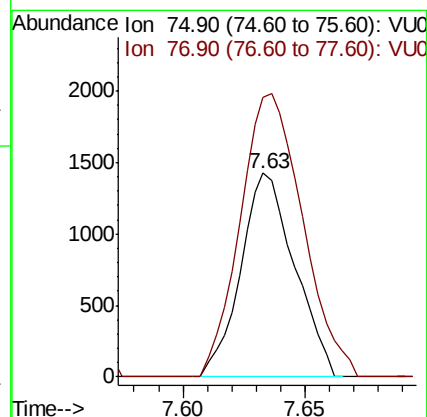
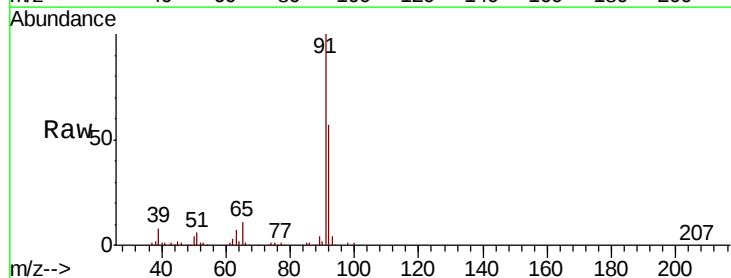
Acq: 22 Dec 2018 19:50

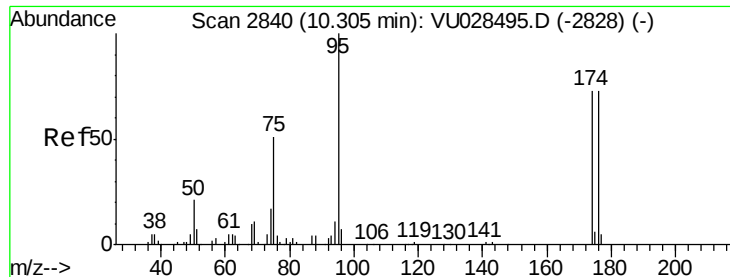
Tgt Ion: 75 Resp: 2176

Ion Ratio Lower Upper

75 100

77 137.2 24.2 36.4#

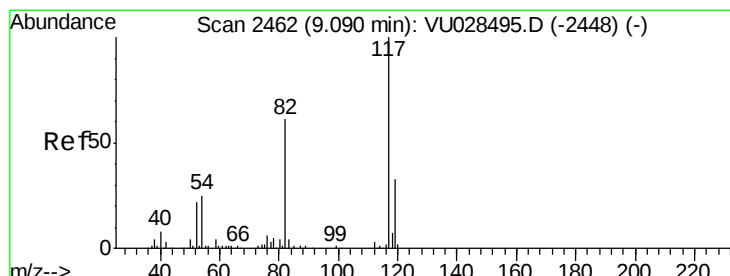
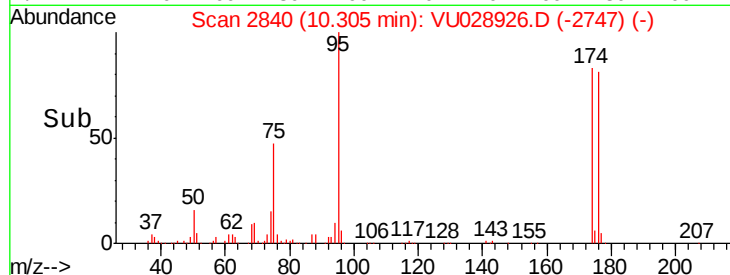
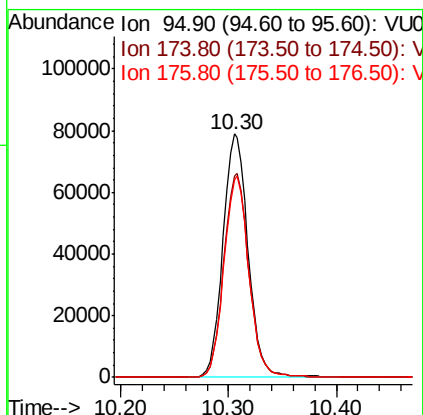
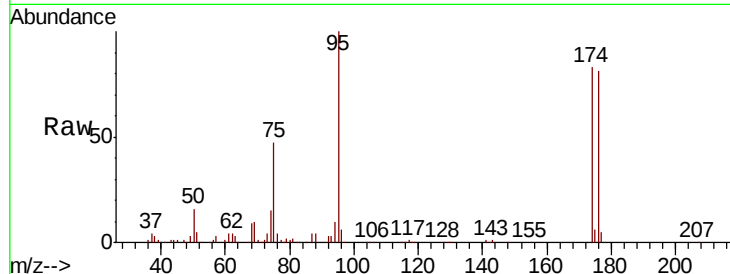




#62
4-Bromofluorobenzene
Concen: 44.151 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

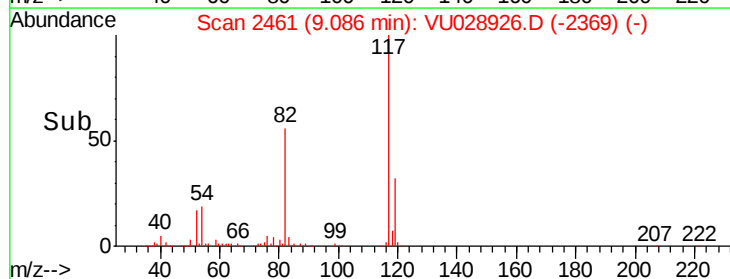
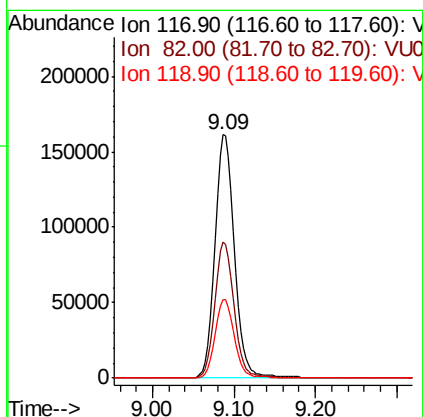
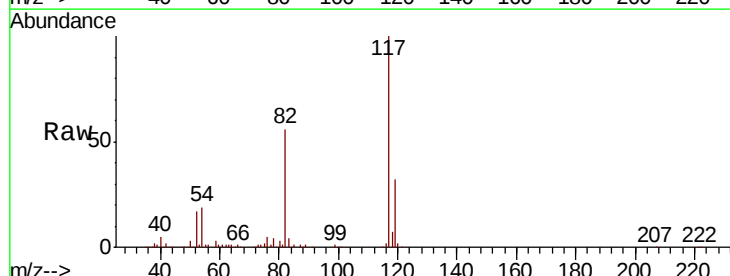
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01MEDL

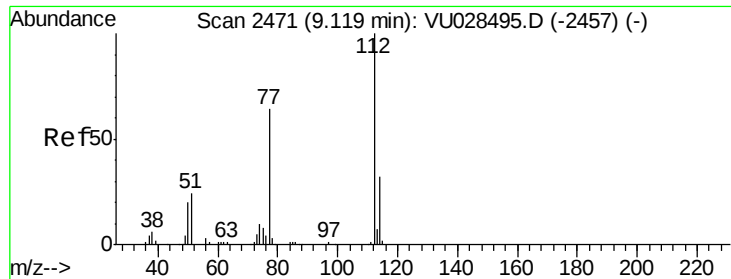
Tgt Ion: 95 Resp: 128104
Ion Ratio Lower Upper
95 100
174 83.7 0.0 150.4
176 82.0 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion: 117 Resp: 274922
Ion Ratio Lower Upper
117 100
82 56.1 48.9 73.3
119 32.3 26.2 39.4

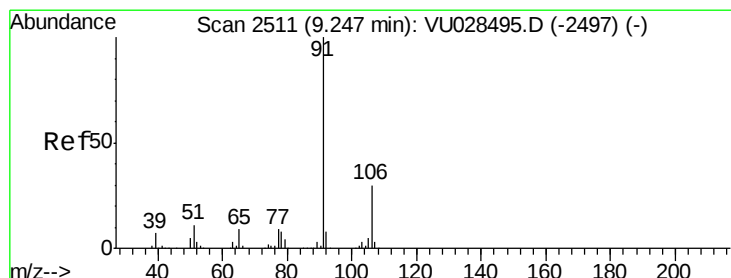
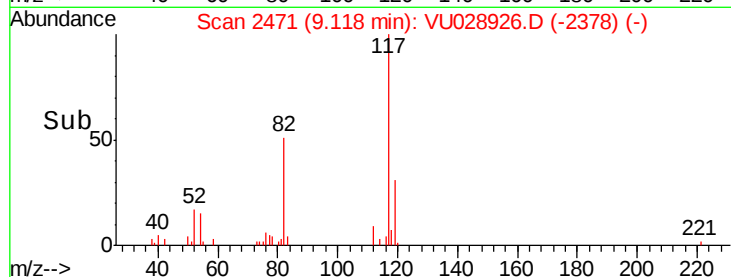
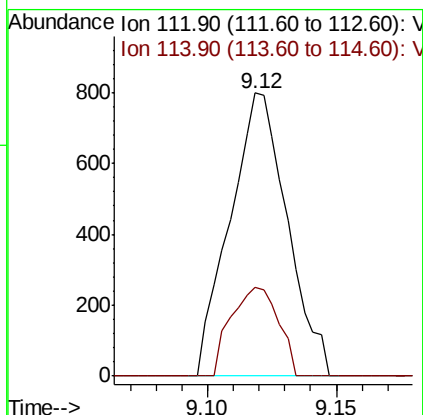
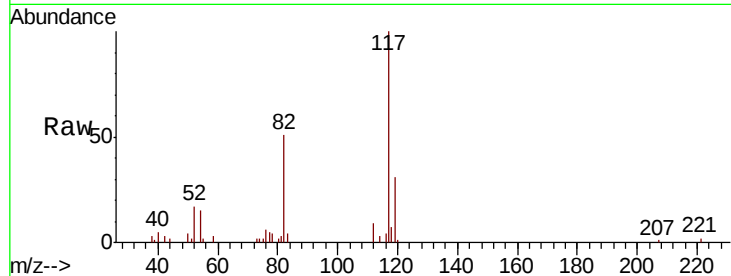




#65
Chlorobenzene
Concen: 0.211 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

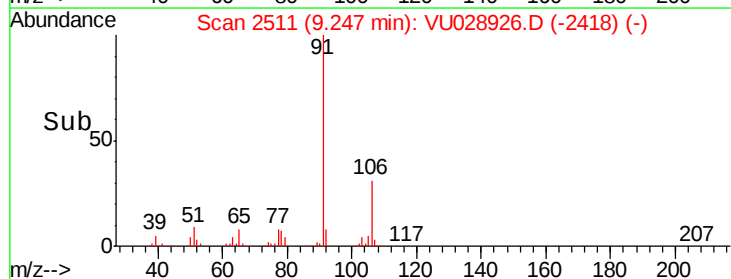
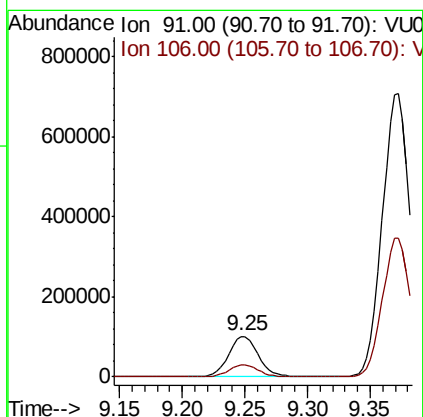
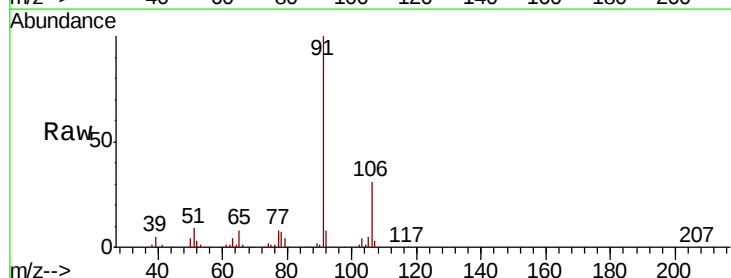
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01MEDL

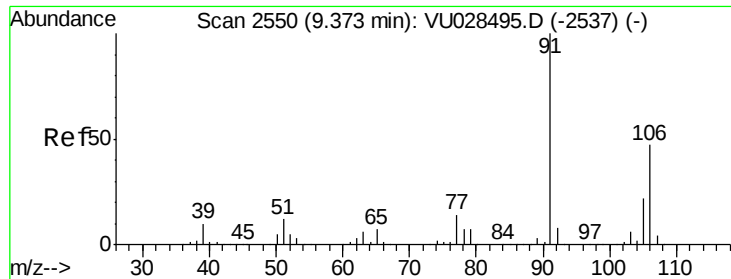
Tgt Ion: 112 Resp: 1238
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#67
Ethyl Benzene
Concen: 15.457 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion: 91 Resp: 166467
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1

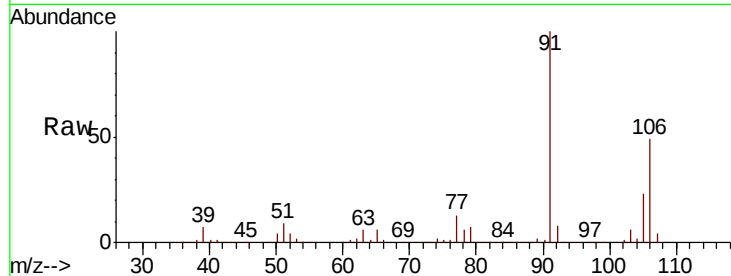




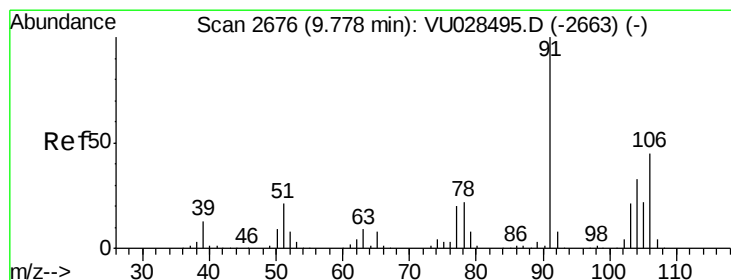
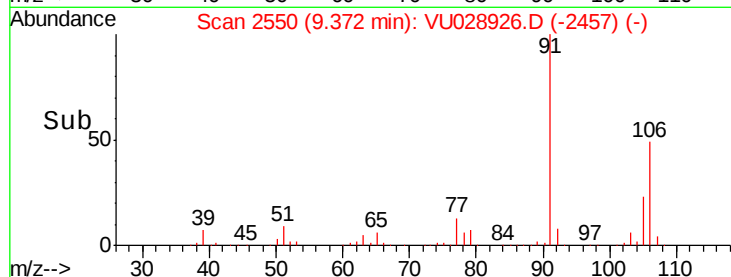
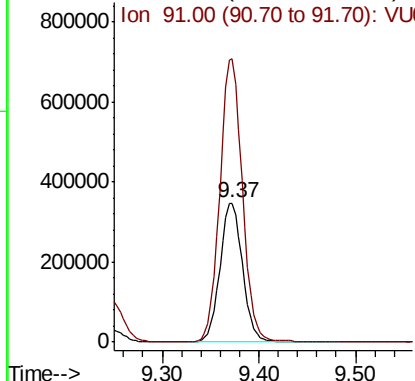
#68
m/p-Xylenes
Concen: 143.685 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01MEDL

Tgt Ion:106 Resp: 563062
Ion Ratio Lower Upper
106 100
91 203.7 167.4 251.0

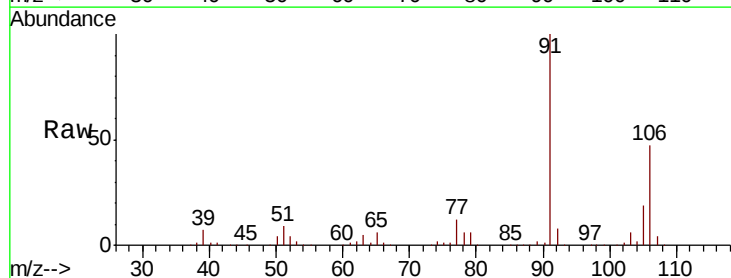


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

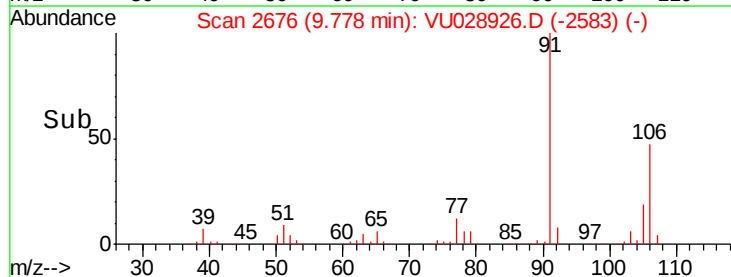
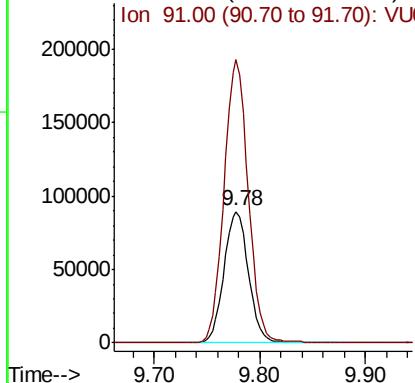


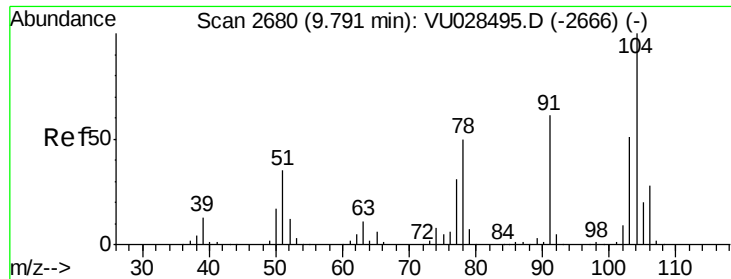
#69
o-Xylene
Concen: 37.873 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion:106 Resp: 144229
Ion Ratio Lower Upper
106 100
91 212.2 111.3 334.0



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

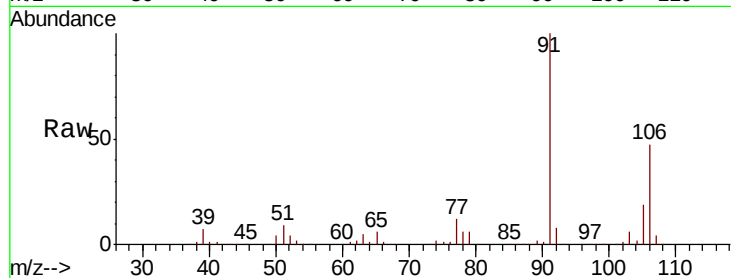




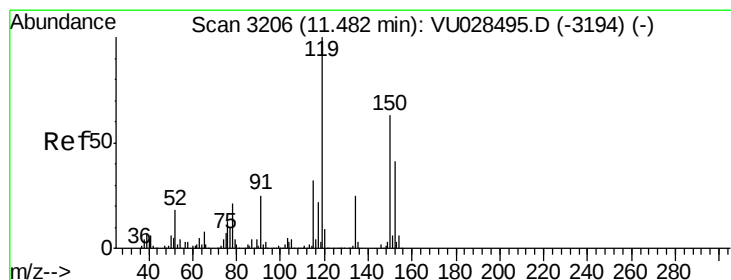
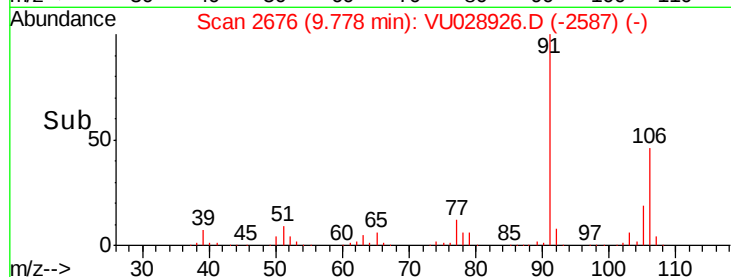
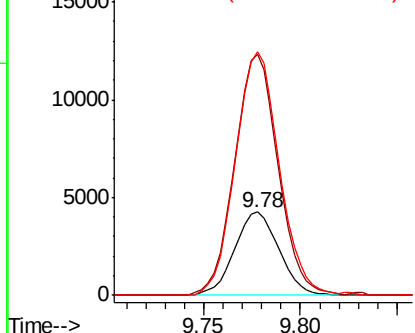
#70
Styrene
Concen: 1.077 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01MEDL

Tgt Ion:104 Resp: 6785
Ion Ratio Lower Upper
104 100
78 284.1 43.0 64.6#
103 289.6 44.2 66.4#

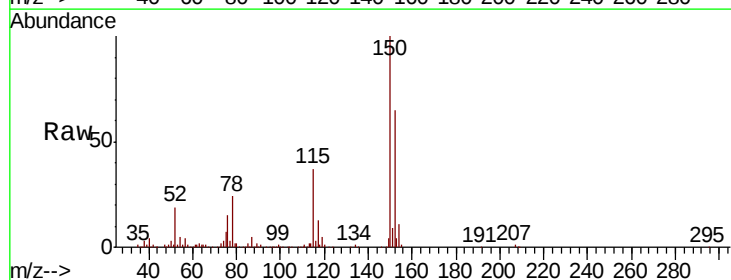


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

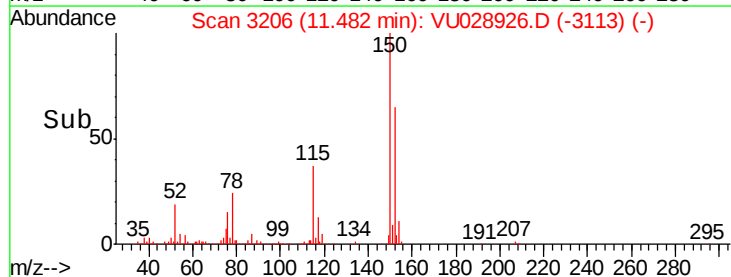
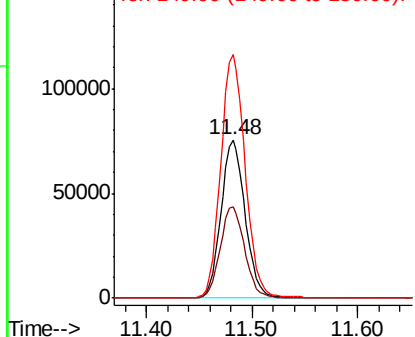


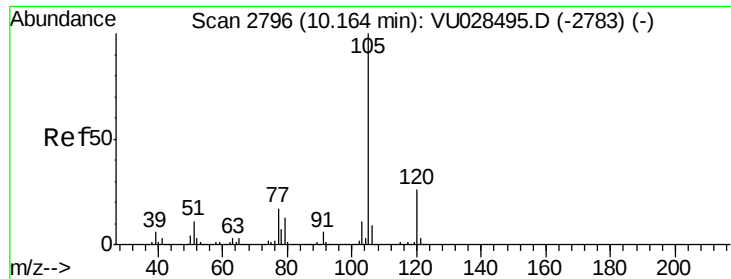
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion:152 Resp: 119212
Ion Ratio Lower Upper
152 100
115 58.5 42.7 128.1
150 156.4 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: 0.834 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

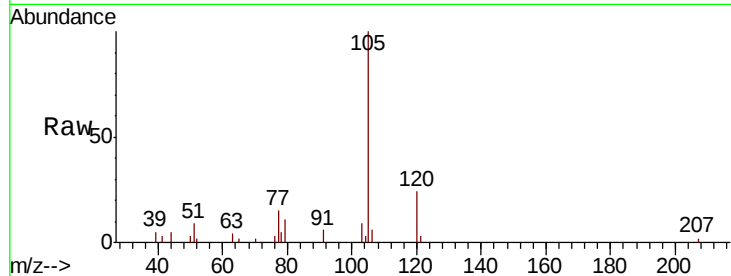
P001-SS013A-3036-01MEDL

Tgt Ion: 105 Resp: 7629

Ion Ratio Lower Upper

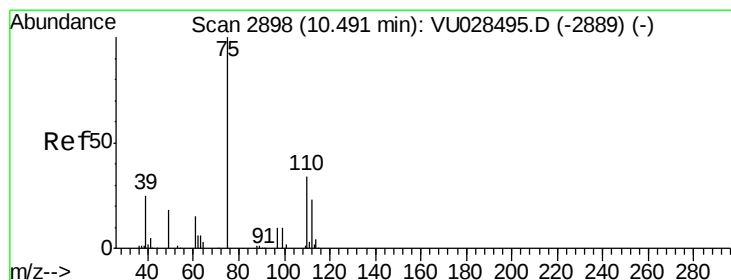
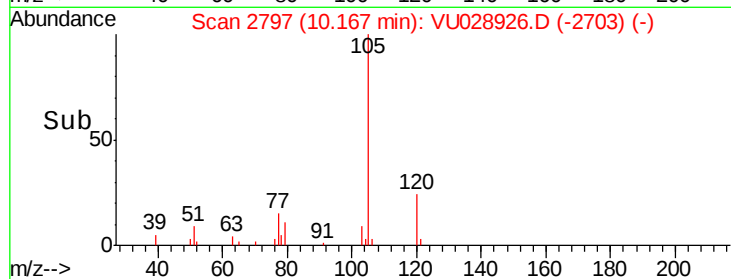
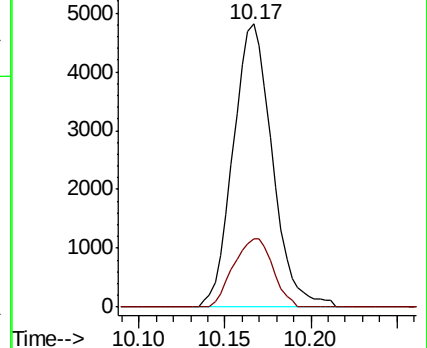
105 100

120 24.2 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 0.646 ug/l

RT: 10.60 min Scan# 2933

Delta R.T. 0.11 min

Lab File: VU028926.D

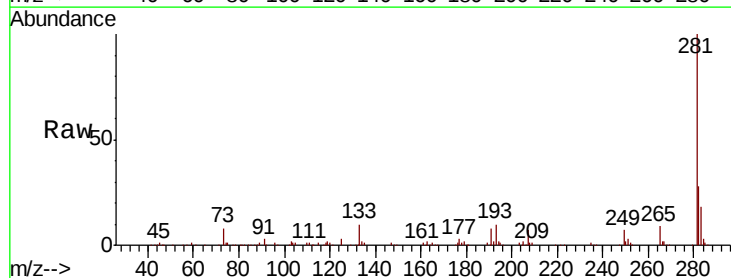
Acq: 22 Dec 2018 19:50

Tgt Ion: 75 Resp: 1967

Ion Ratio Lower Upper

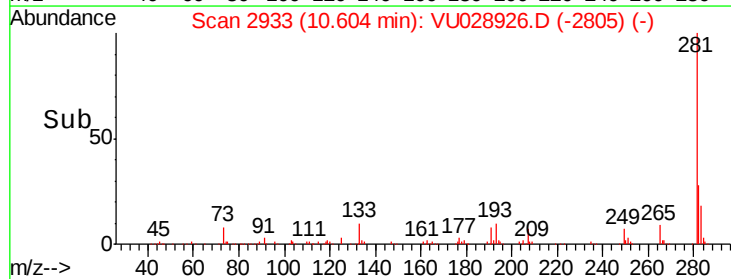
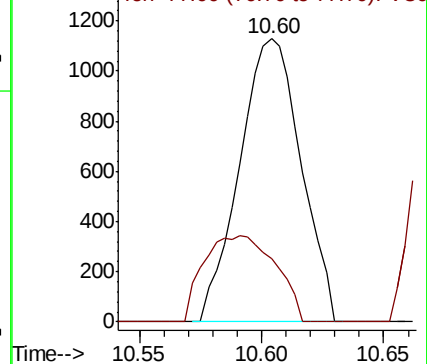
75 100

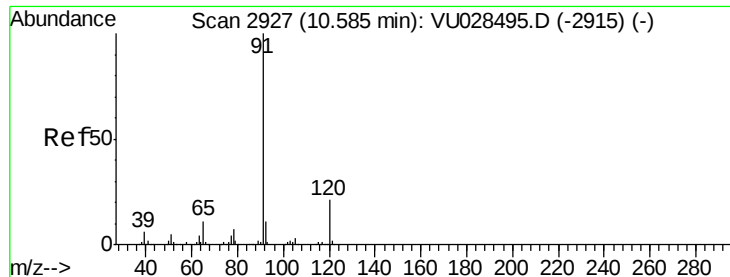
77 35.7 20.8 62.4



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 1.146 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

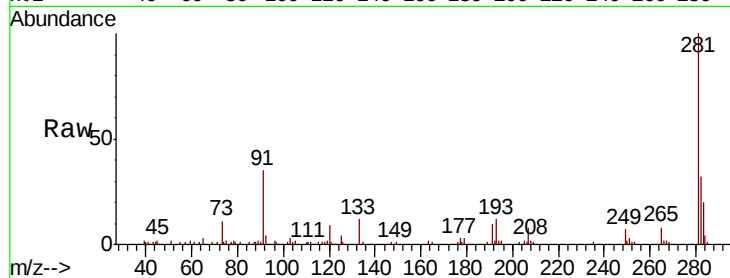
P001-SS013A-3036-01MEDL

Tgt Ion: 91 Resp: 13029

Ion Ratio Lower Upper

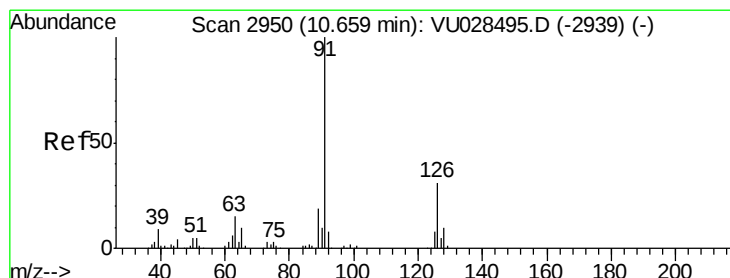
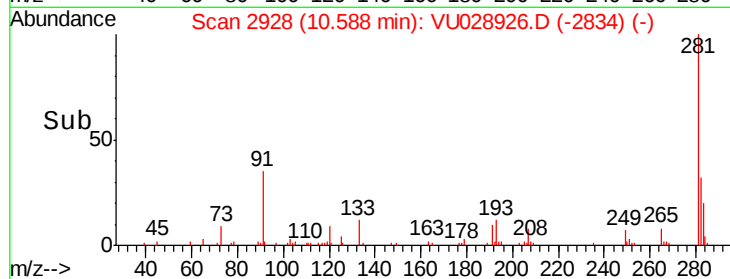
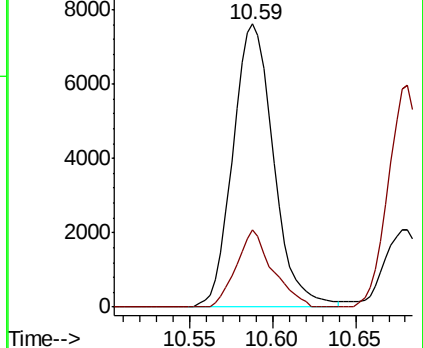
91 100

120 24.2 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: 0.726 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028926.D

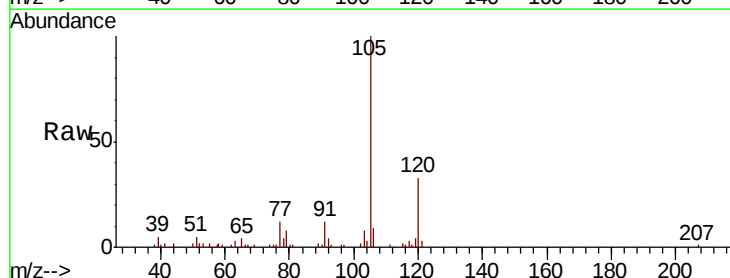
Acq: 22 Dec 2018 19:50

Tgt Ion: 91 Resp: 4753

Ion Ratio Lower Upper

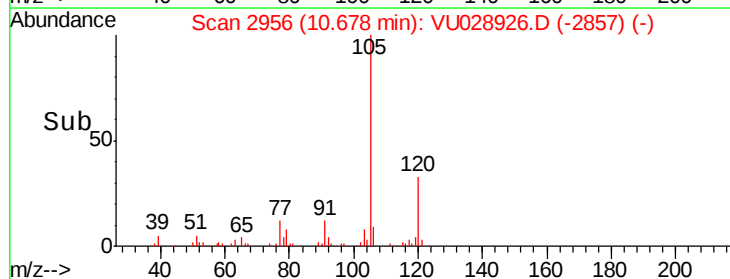
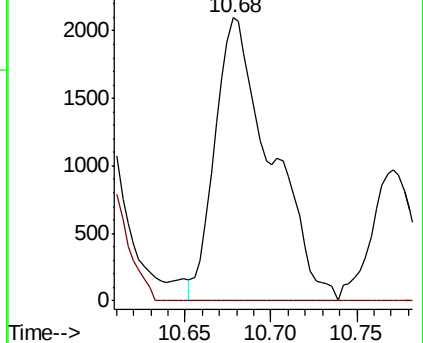
91 100

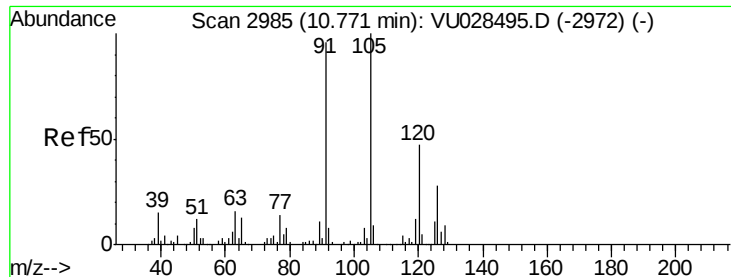
126 0.0 15.6 46.8#



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: 1.855 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

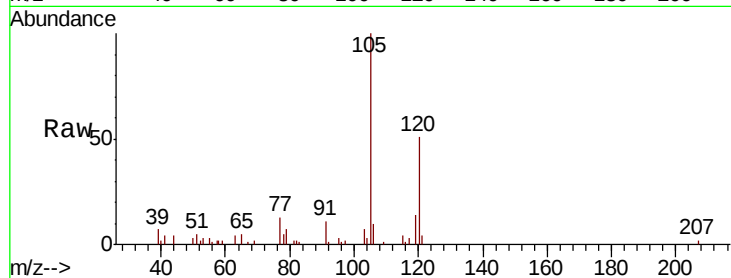
P001-SS013A-3036-01MEDL

Tgt Ion:105 Resp: 14045

Ion Ratio Lower Upper

105 100

120 49.7 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

10000

8000

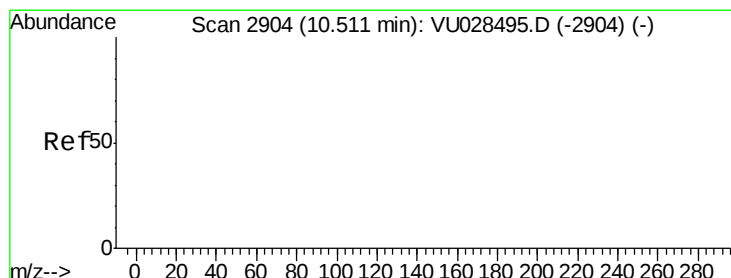
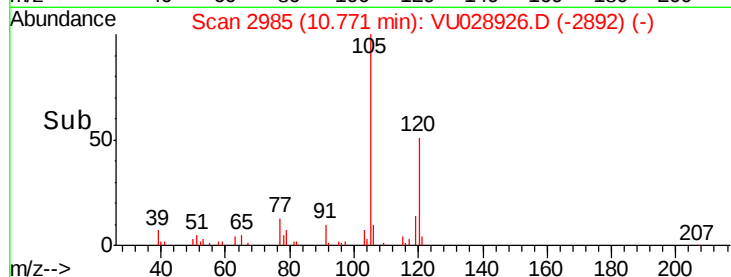
6000

4000

2000

0

Time--> 10.70 10.75 10.80 10.85



#81

trans-1,4-Dichloro-2-butene

Concen: 2.096 ug/l

RT: 10.60 min Scan# 2933

Delta R.T. 0.09 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

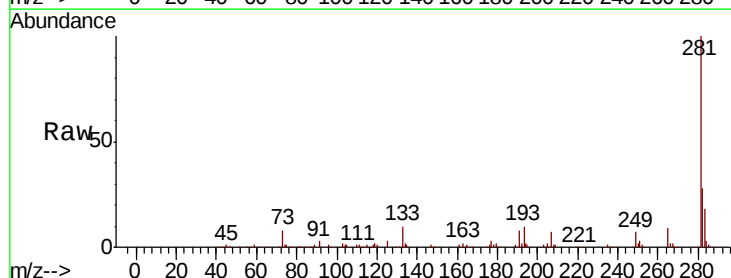
Tgt Ion: 75 Resp: 1967

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 57.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

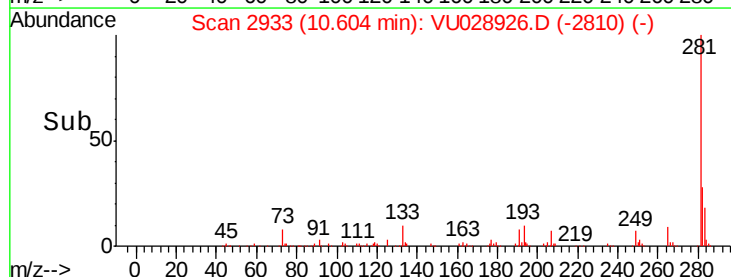
1500

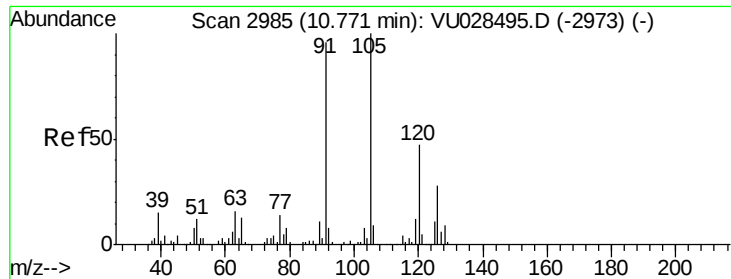
1000

500

0

Time--> 10.55 10.60 10.65

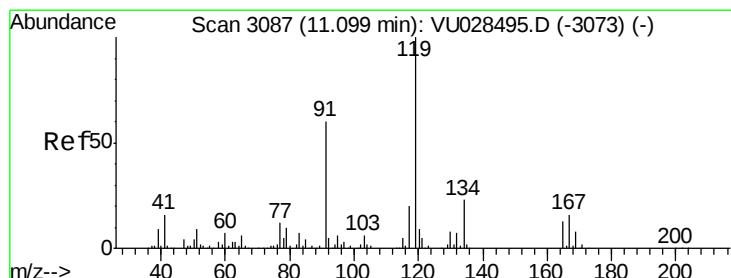
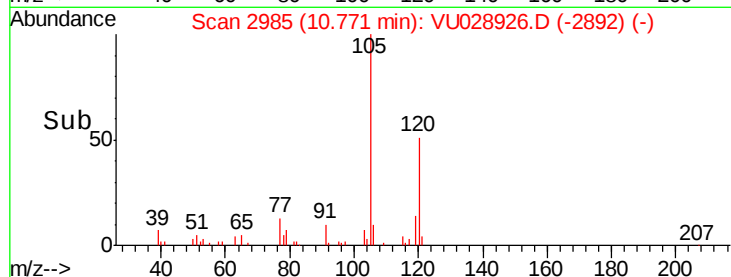
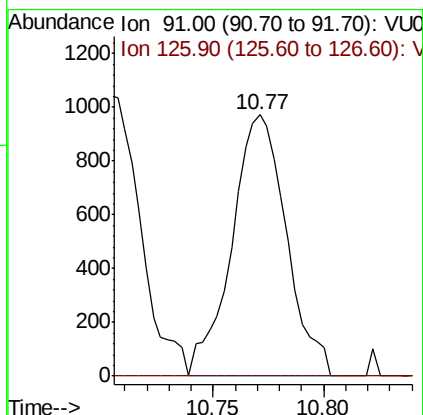
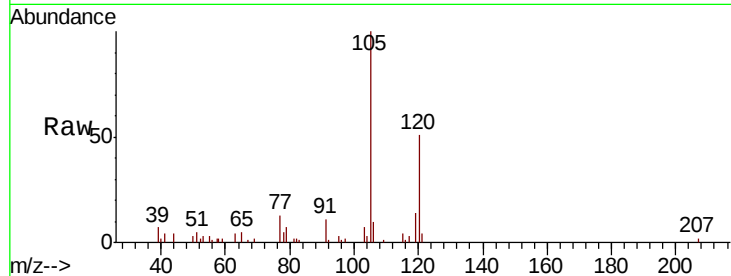




#82
4-Chlorotoluene
Concen: 0.216 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

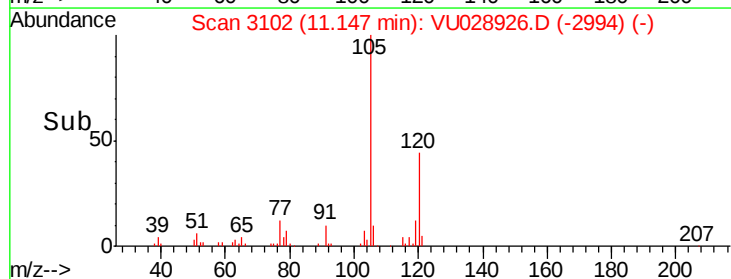
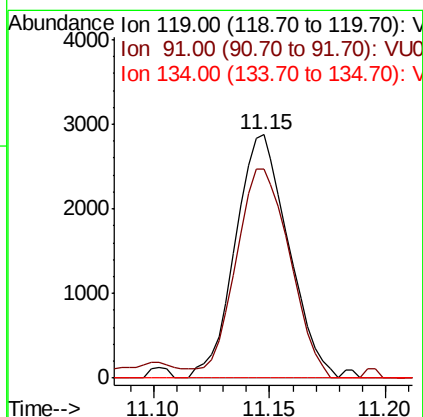
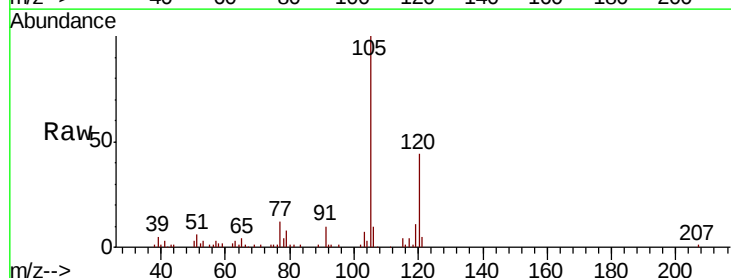
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01MEDL

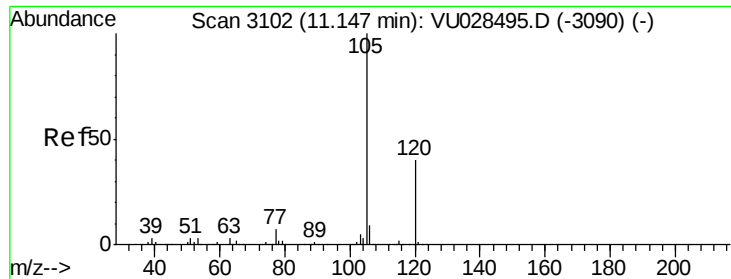
Tgt Ion: 91 Resp: 1678
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#



#83
tert-Butylbenzene
Concen: 0.627 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.05 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion: 119 Resp: 4577
Ion Ratio Lower Upper
119 100
91 87.1 30.3 91.0
134 0.0 11.2 33.5#

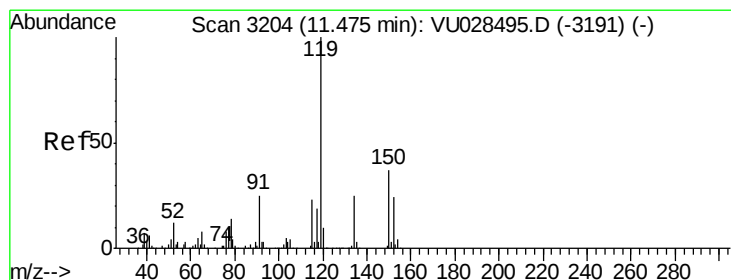
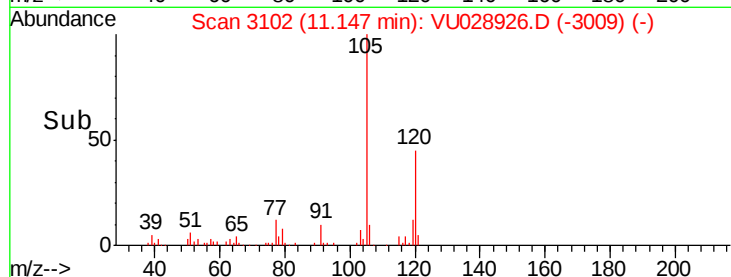
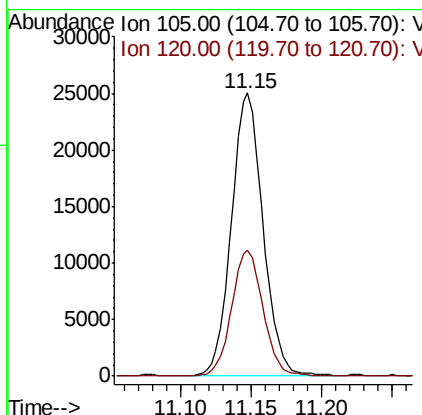
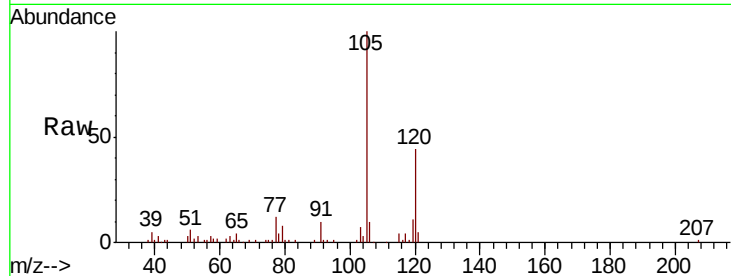




#84
 1,2,4-Trimethylbenzene
 Concen: 5.046 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

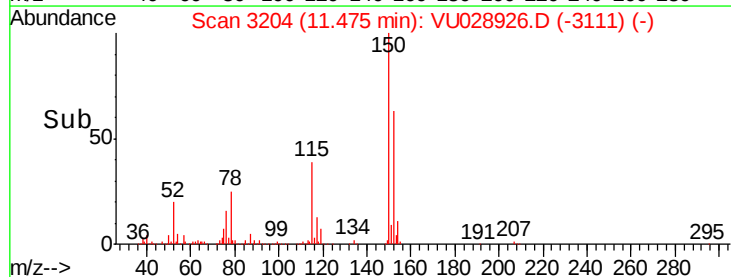
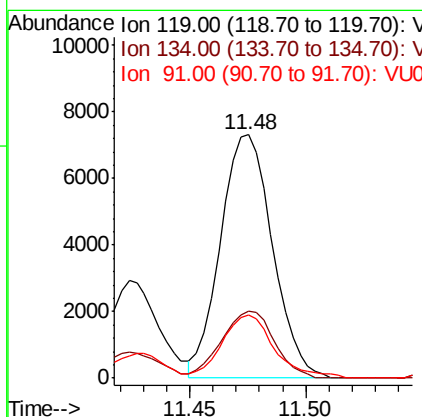
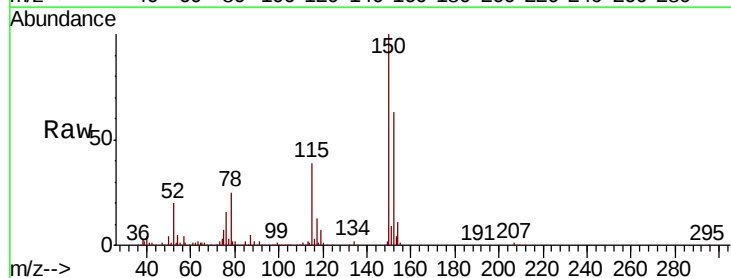
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-3036-01MEDL

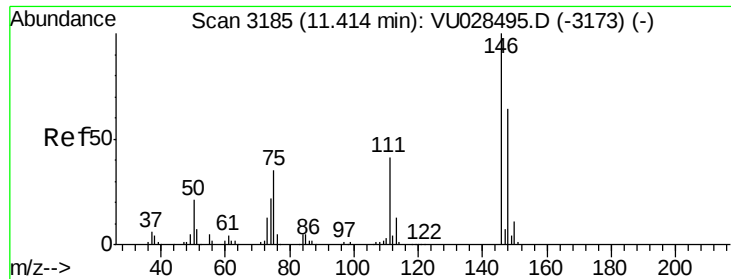
Tgt Ion:105 Resp: 39376
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.8 65.4



#86
 p-Isopropyltoluene
 Concen: 1.433 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

Tgt Ion:119 Resp: 11416
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.7 38.1
 91 26.1 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 1.834 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.09 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01MEDL

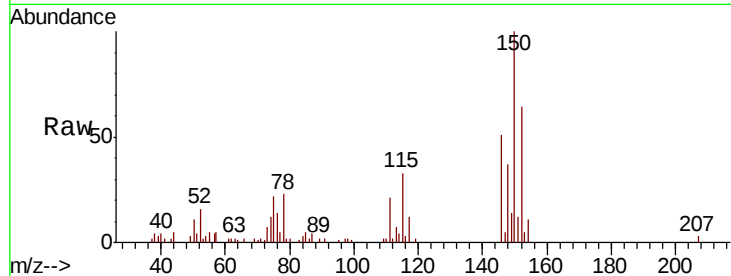
Tgt Ion:146 Resp: 7408

Ion Ratio Lower Upper

146 100

111 58.1 20.7 62.1

148 71.9 31.9 95.7

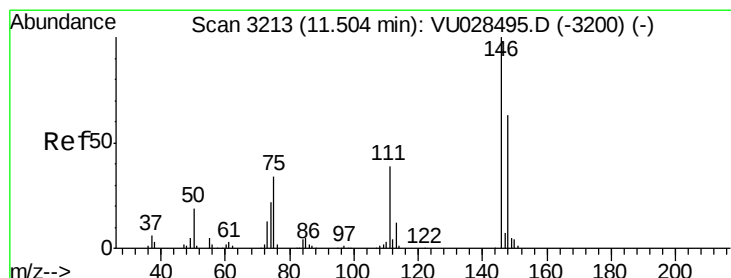
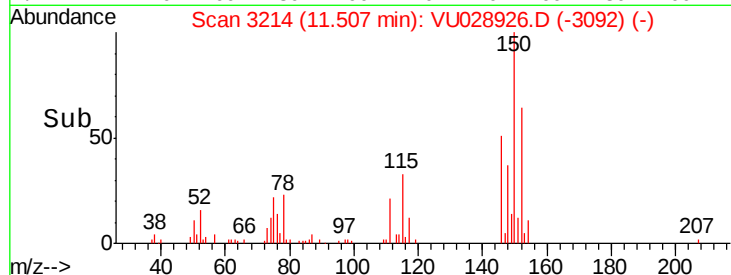
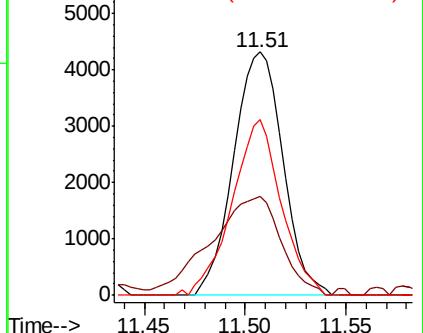


Abundance

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: 1.772 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028926.D

Acq: 22 Dec 2018 19:50

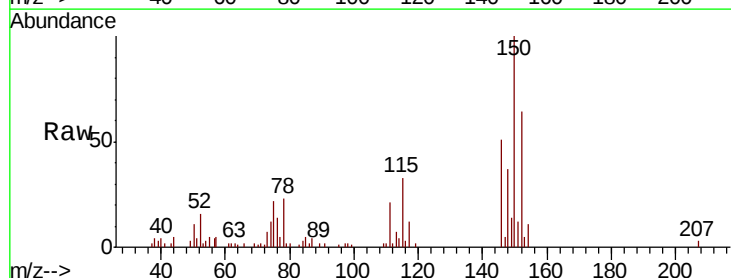
Tgt Ion:146 Resp: 7408

Ion Ratio Lower Upper

146 100

111 58.1 20.2 60.5

148 71.9 31.6 95.0

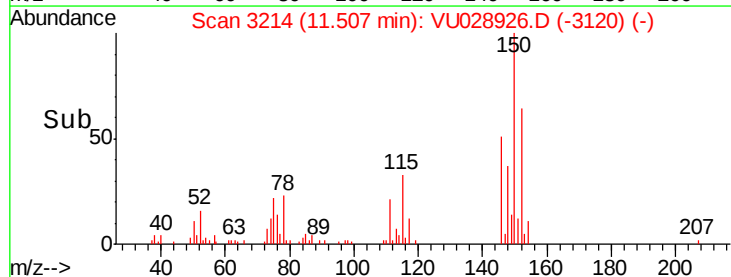
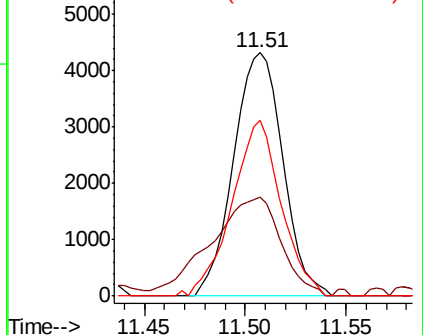


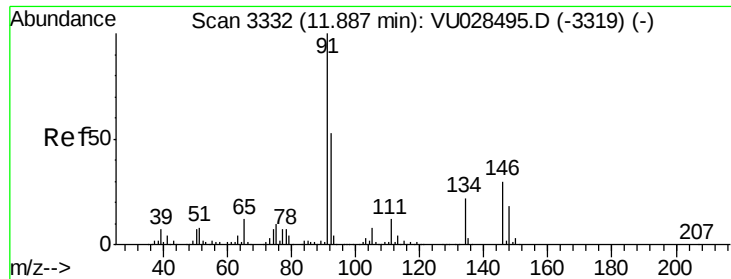
Abundance

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

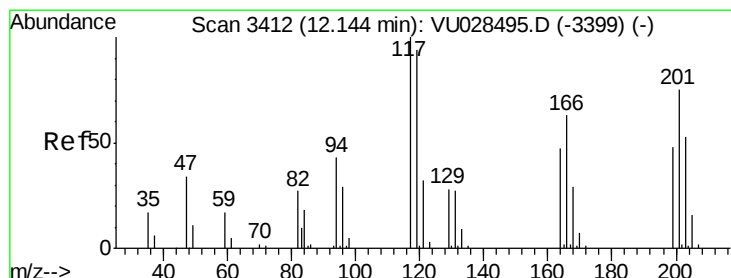
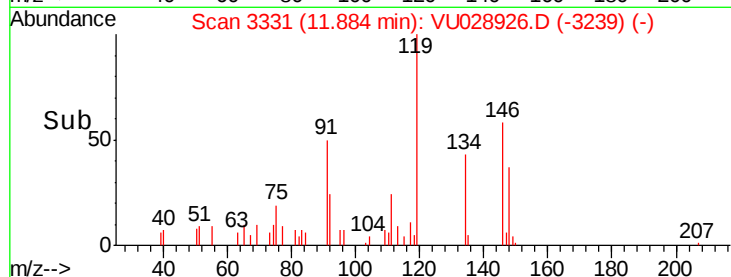
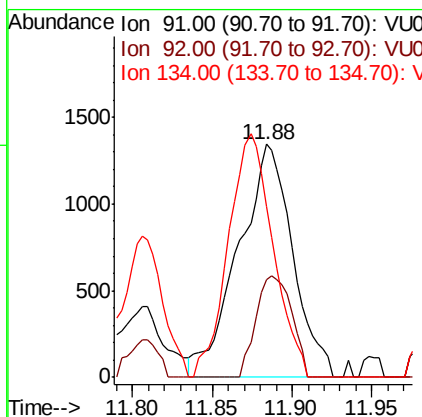
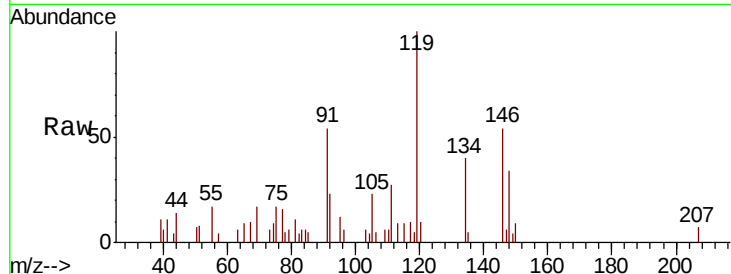




#89
n-Butylbenzene
Concen: 0.390 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

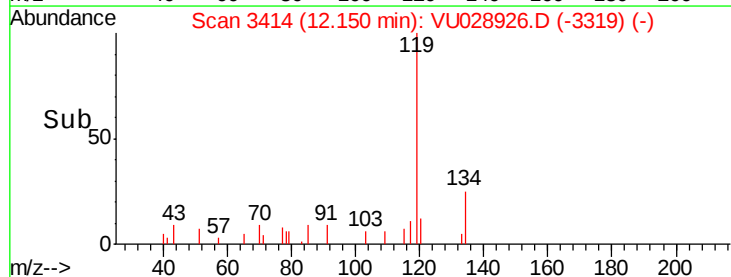
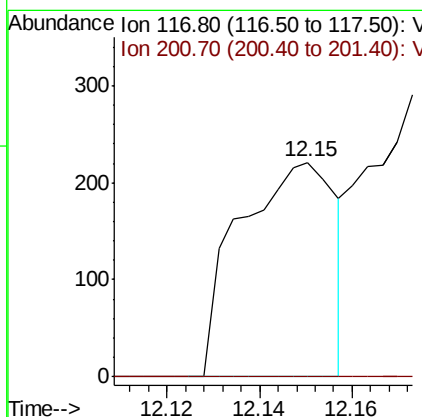
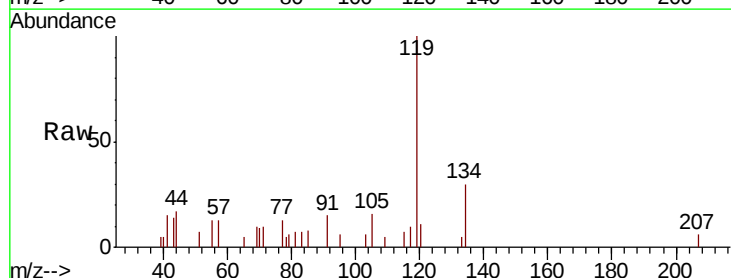
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01MEDL

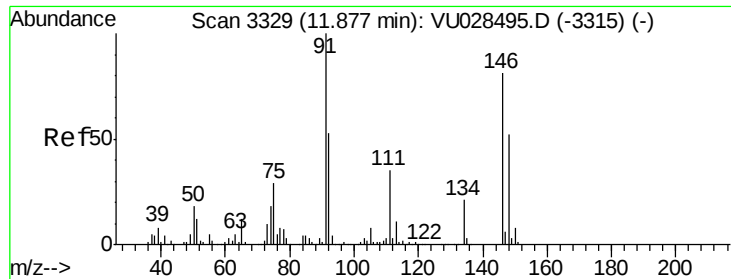
Tgt Ion: 91 Resp: 3143
Ion Ratio Lower Upper
91 100
92 28.8 26.3 78.9
134 85.0 11.3 33.8#



#90
Hexachloroethane
Concen: 0.264 ug/l
RT: 12.15 min Scan# 3414
Delta R.T. 0.01 min
Lab File: VU028926.D
Acq: 22 Dec 2018 19:50

Tgt Ion: 117 Resp: 318
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#

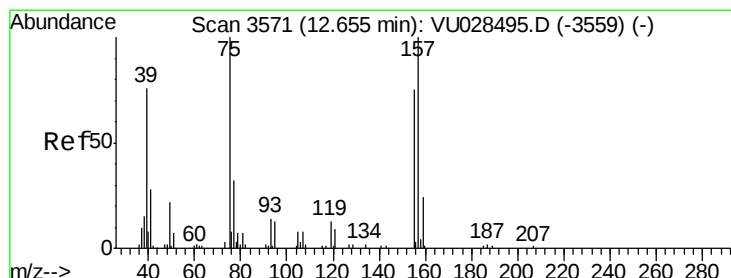
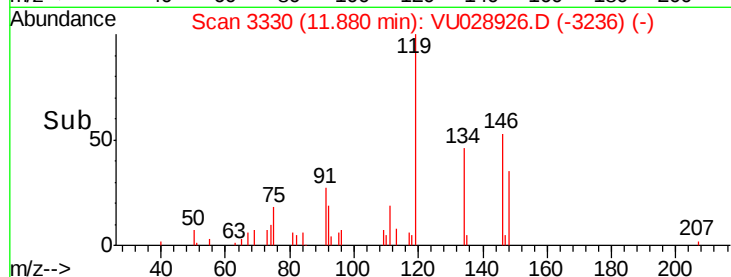
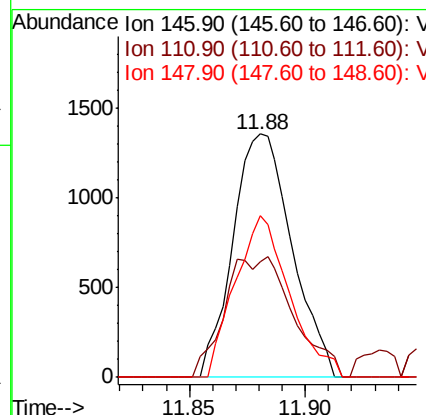
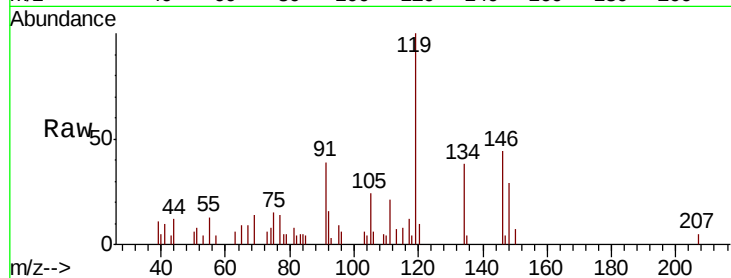




#91
 1,2-Dichlorobenzene
 Concen: 0.591 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

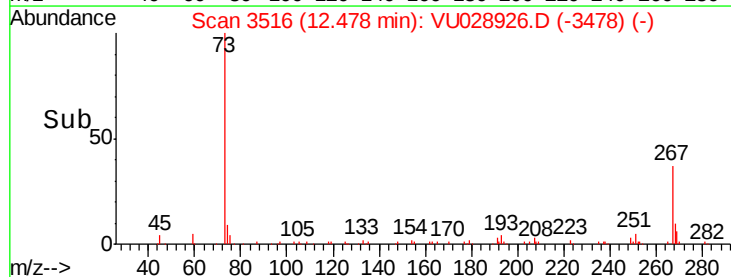
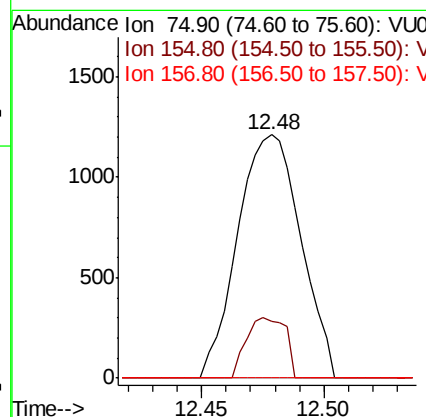
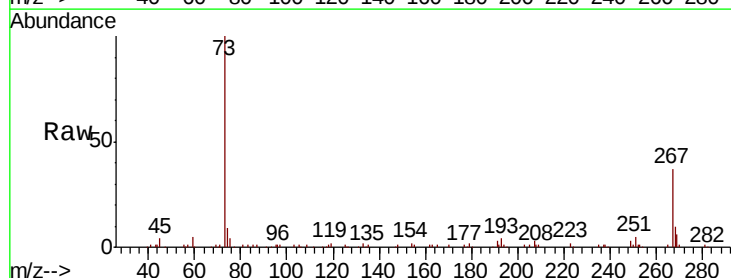
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-3036-01MEDL

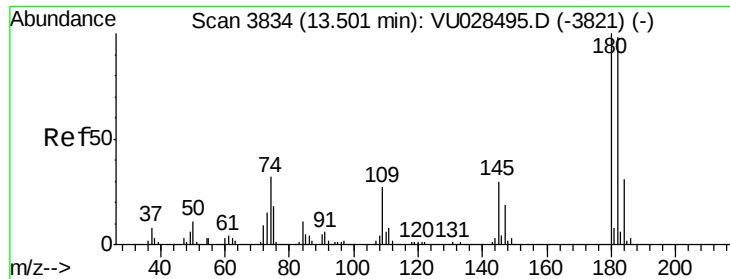
Tgt Ion: 146 Resp: 2390
 Ion Ratio Lower Upper
 146 100
 111 26.1 21.1 63.4
 148 61.4 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.855 ug/l
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

Tgt Ion: 75 Resp: 2172
 Ion Ratio Lower Upper
 75 100
 155 15.4 38.1 114.5#
 157 0.0 48.7 146.1#

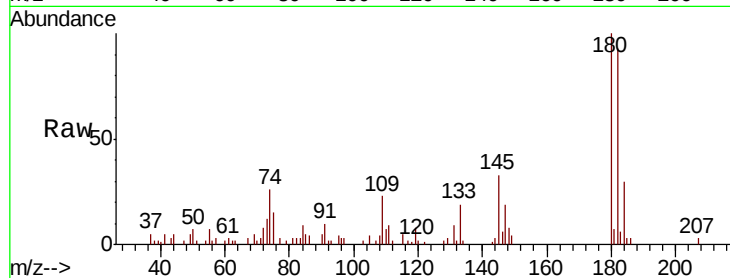




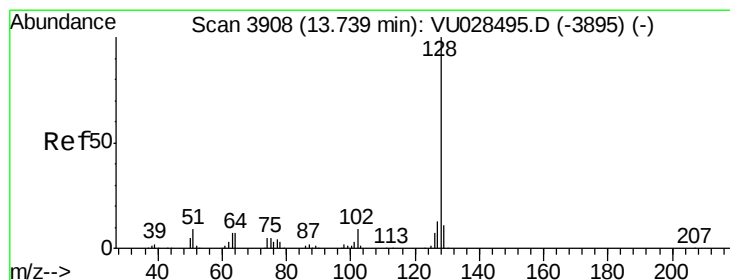
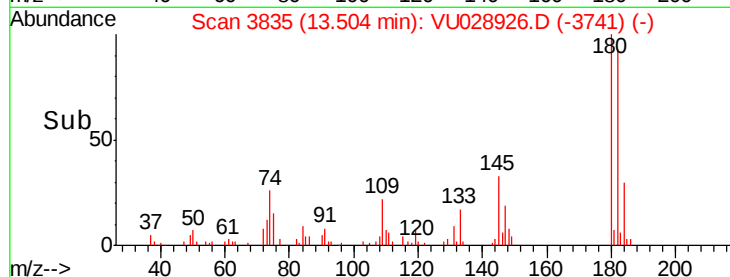
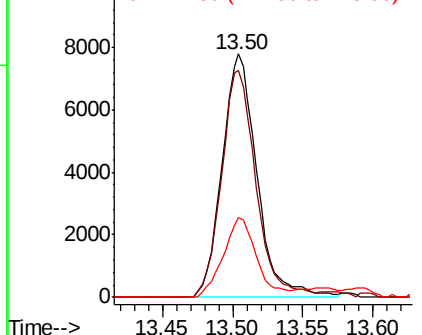
#93
 1,2,4-Trichlorobenzene
 Concen: 5.587 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-3036-01MEDL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.9	143.8
145	31.5	15.0	45.1

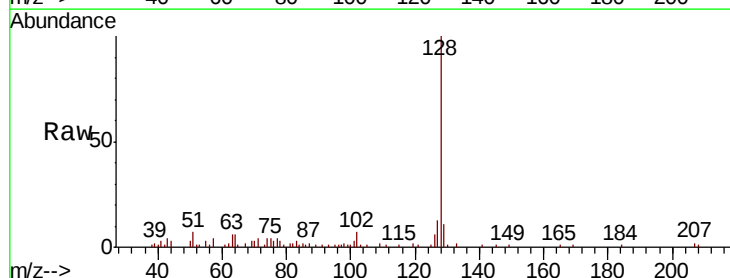


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

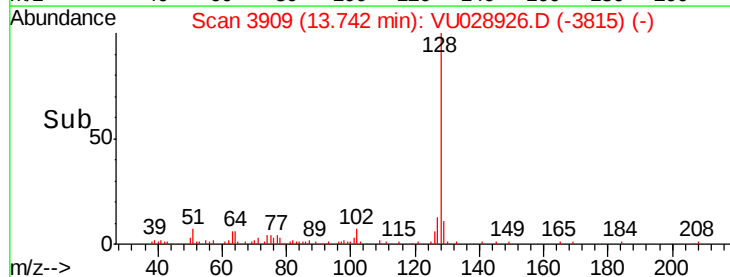
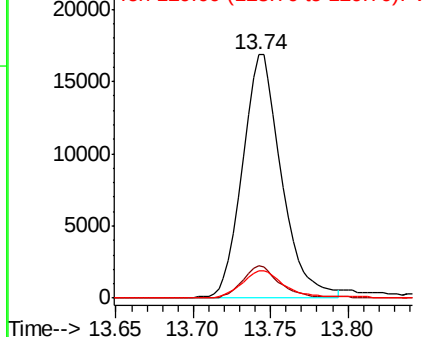


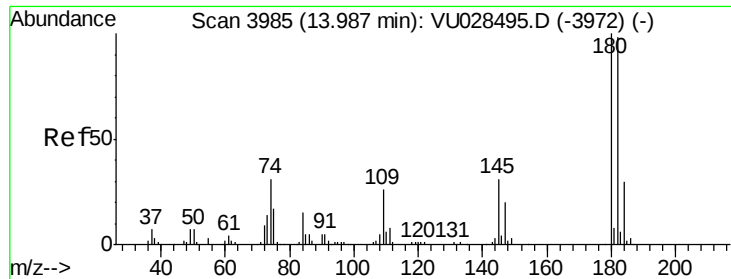
#95
 Naphthalene
 Concen: 3.062 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.9	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: 3.013 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU028926.D
 Acq: 22 Dec 2018 19:50

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-3036-01MEDL

Tgt Ion	Resp	Lower	Upper
180	7946		
182	95.6	48.2	144.6
145	41.4	15.8	47.3

