

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028925.D
 Acq On : 22 Dec 2018 19:26
 Operator : MD/SY
 Sample : J6426-11ME 10X
 Misc : 6.73g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 24 04:48:19 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	186383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	304308	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	132543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	106090	37.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.60%	
35) Dibromofluoromethane	4.88	113	93363	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	7.57	98	378612	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	10.30	95	132722	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	1599	0.348 ug/l	98
5) Bromomethane	1.61	94	572	0.428 ug/l #	54
11) Tert butyl alcohol	2.84	59	2849	4.496 ug/l #	73
14) Allyl chloride	2.74	41	10717	2.183 ug/l #	62
15) Acrylonitrile	2.99	53	1224	0.696 ug/l #	30
16) Acetone	2.32	43	898	0.484 ug/l	100
18) Methyl Acetate	2.62	43	1391	0.289 ug/l	92
20) Methylene Chloride	2.70	84	1020	0.373 ug/l #	84
23) Vinyl Acetate	3.30	43	55357	7.030 ug/l #	40
31) Cyclohexane	4.99	56	15524	2.035 ug/l #	68
36) 1,1-Dichloropropene	4.98	75	13911	4.177 ug/l #	49
38) Carbon Tetrachloride	4.98	117	15979	5.953 ug/l #	15
39) Methylcyclohexane	6.41	83	38818	9.555 ug/l	89
43) Isopropyl Acetate	5.49	43	1715	0.252 ug/l #	62
48) Methyl methacrylate	6.64	41	1257	0.371 ug/l #	28
51) 4-Methyl-2-Pentanone	7.52	43	1718	0.400 ug/l #	37
52) Toluene	7.64	92	2344210	406.136 ug/l	98
53) t-1,3-Dichloropropene	7.64	75	23952	6.316 ug/l #	1
55) 1,1,2-Trichloroethane	8.05	97	5871	2.573 ug/l #	17
56) Ethyl methacrylate	8.05	69	1303	0.333 ug/l #	12
59) 2-Hexanone	8.33	43	13819	4.060 ug/l #	30
65) Chlorobenzene	9.12	112	12771	2.148 ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.10	131	619	0.326 ug/l #	1
67) Ethyl Benzene	9.25	91	1878021	171.862 ug/l	98
68) m/p-Xylenes	9.38	106	6496937	1633.947 ug/l	93
69) o-Xylene	9.78	106	1570305	406.384 ug/l	95
70) Styrene	9.78	104	74440	11.641 ug/l #	1
73) Isopropylbenzene	10.16	105	78010	7.670 ug/l	97
74) N-amyl acetate	10.00	43	1722	0.294 ug/l #	32
75) 1,1,2,2-Tetrachloroethane	10.45	83	1421	0.364 ug/l #	36
76) 1,2,3-Trichloropropane	10.60	75	29374	8.679 ug/l	75
78) n-propylbenzene	10.58	91	148409	11.743 ug/l	91
79) 2-Chlorotoluene	10.68	91	52211	7.172 ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	152666	18.134 ug/l	97

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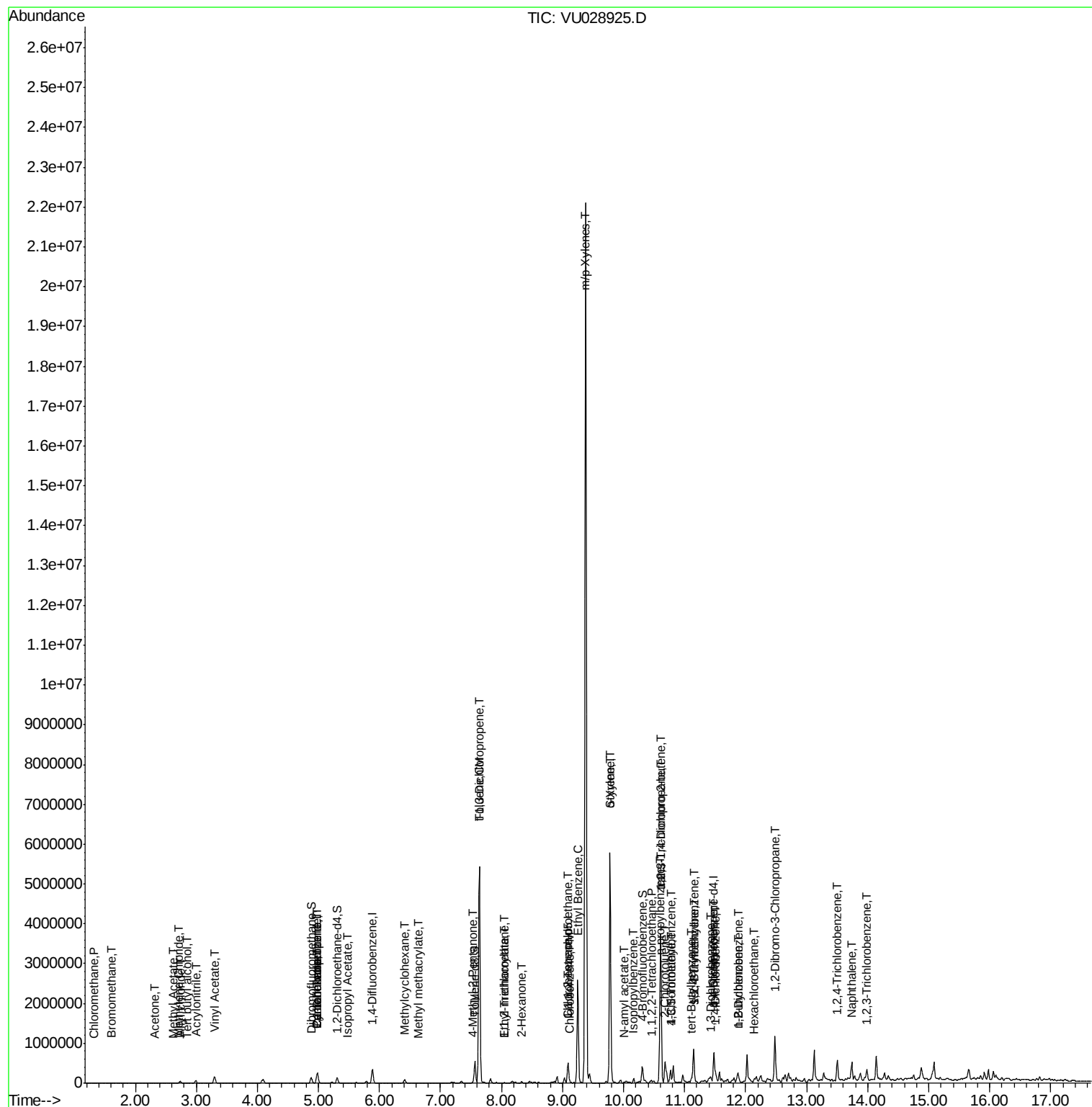
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	10.60	75	29374	21.639	ug/l #	100
82) 4-Chlorotoluene	10.77	91	14938	1.732	ug/l #	47
83) tert-Butylbenzene	11.10	119	1804	0.222	ug/l #	40
84) 1,2,4-Trimethylbenzene	11.15	105	449438	51.801	ug/l	97
85) sec-Butylbenzene	11.15	105	449438	43.113	ug/l #	59
86) p-Isopropyltoluene	11.48	119	137220	15.496	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	11972	2.666	ug/l	93
88) 1,4-Dichlorobenzene	11.51	146	80406	17.303	ug/l	97
89) n-Butylbenzene	11.88	91	33912	3.784	ug/l #	34
90) Hexachloroethane	12.14	117	4338	3.241	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	26888	5.985	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.48	75	33693	39.834	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.50	180	152266	49.333	ug/l	100
95) Naphthalene	13.74	128	316408	29.349	ug/l	99
96) 1,2,3-Trichlorobenzene	13.98	180	83837	27.352	ug/l	96

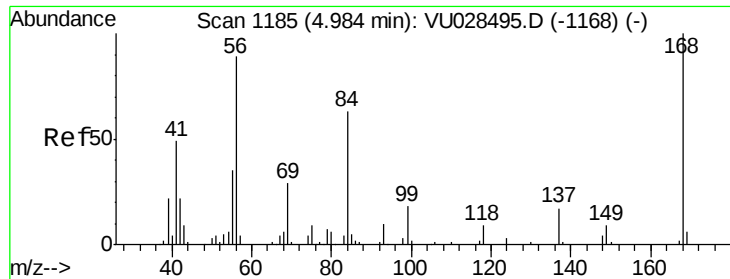
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

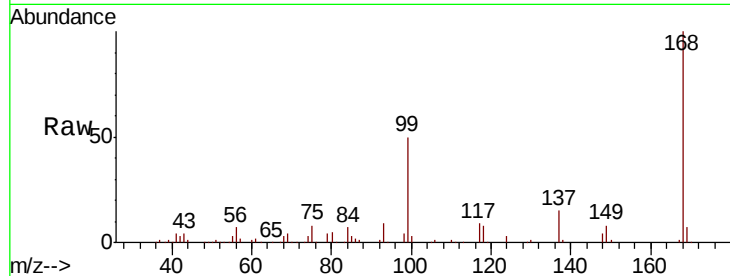
P001-SS013A-3036-01ME

Tgt Ion: 168 Resp: 186383

Ion Ratio Lower Upper

168 100

99 50.5 46.6 69.8



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

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

4.98

80000

60000

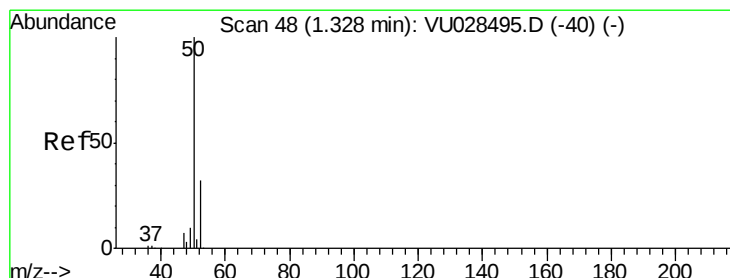
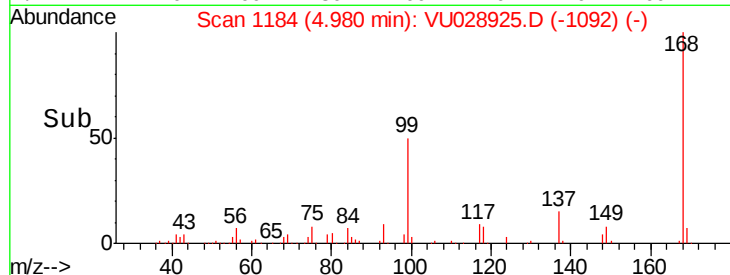
40000

20000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: 0.348 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028925.D

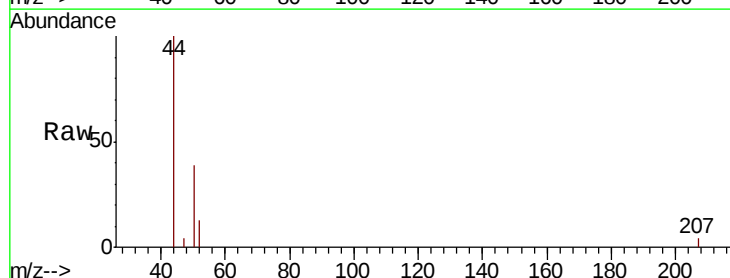
Acq: 22 Dec 2018 19:26

Tgt Ion: 50 Resp: 1599

Ion Ratio Lower Upper

50 100

52 32.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028925.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU028925.D (-1) (-)

1.33

1500

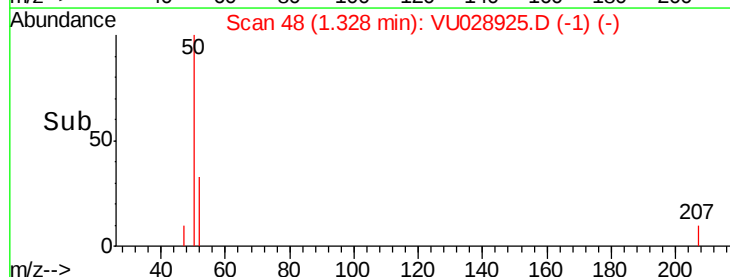
1000

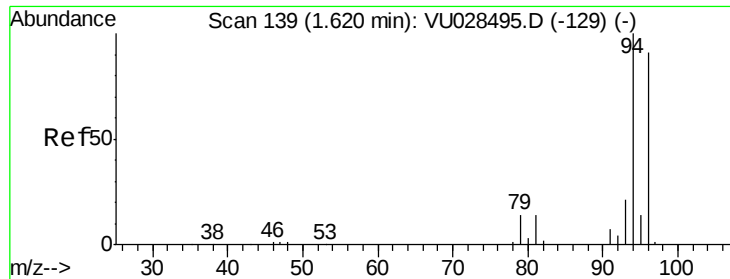
500

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.428 ug/l

RT: 1.61 min Scan# 136

Delta R.T. -0.01 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

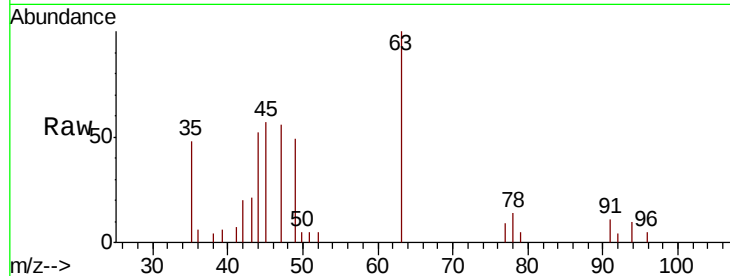
P001-SS013A-3036-01ME

Tgt Ion: 94 Resp: 572

Ion Ratio Lower Upper

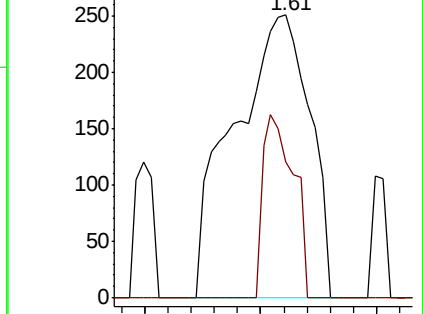
94 100

96 47.8 73.2 109.8#

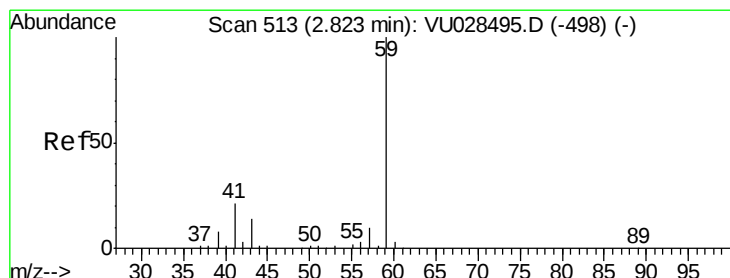
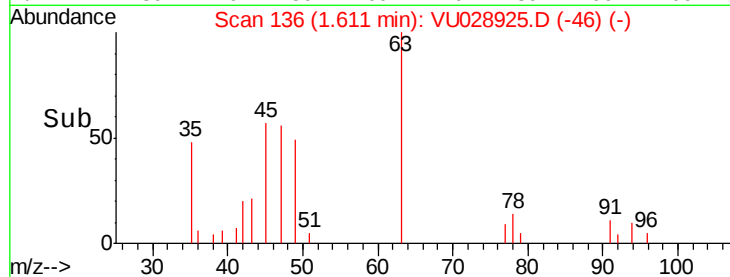


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#11

Tert butyl alcohol

Concen: 4.496 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028925.D

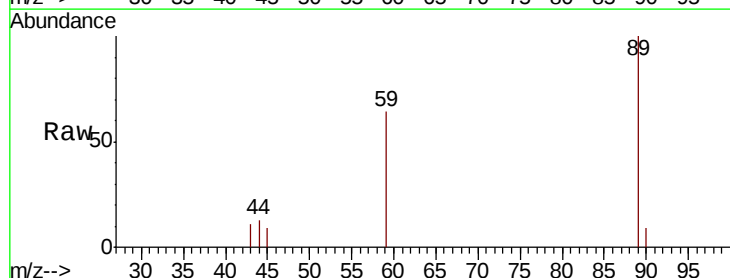
Acq: 22 Dec 2018 19:26

Tgt Ion: 59 Resp: 2849

Ion Ratio Lower Upper

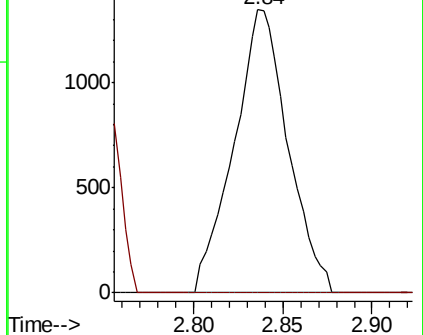
59 100

57 0.0 8.0 12.0#

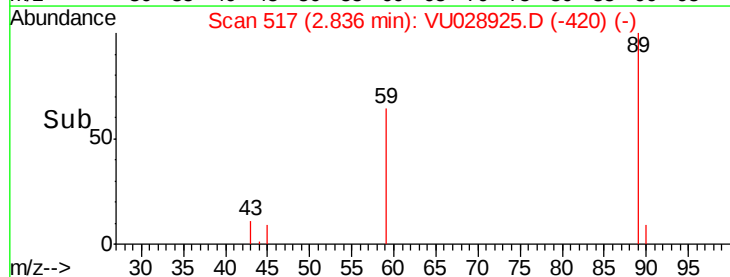


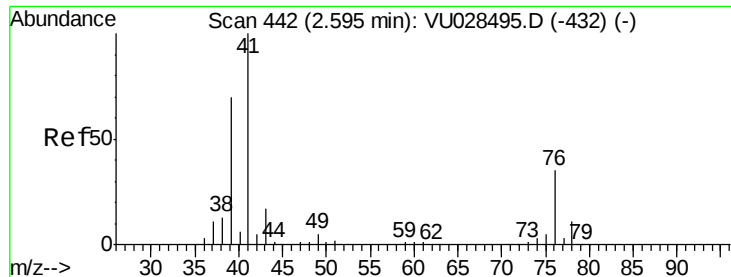
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->

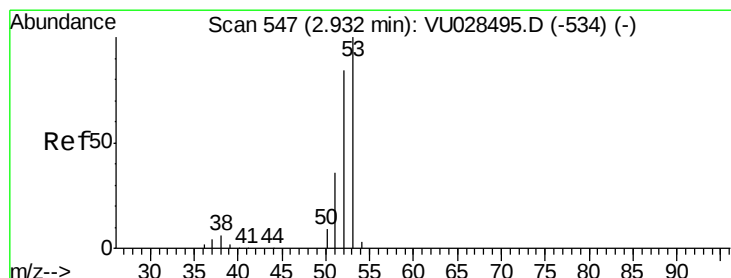
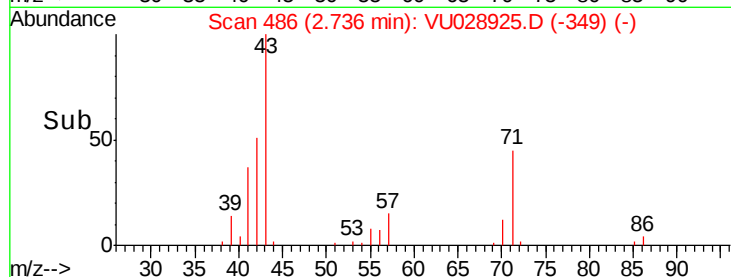
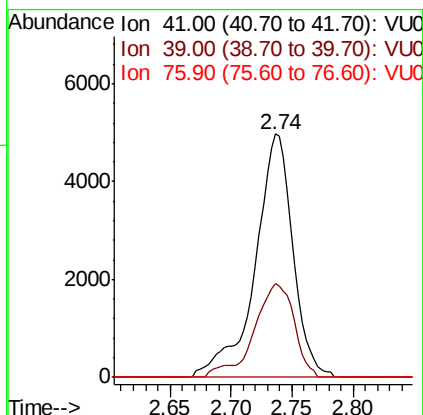
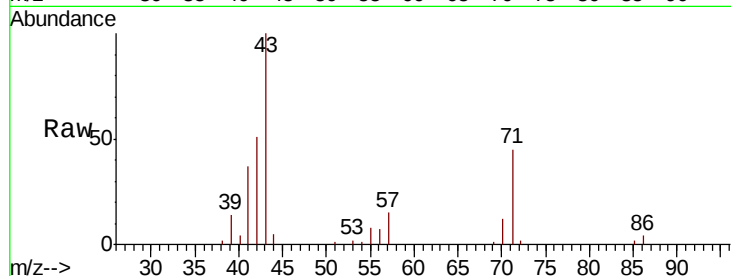




#14
 Allyl chloride
 Concen: 2.183 ug/l
 RT: 2.74 min Scan# 486
 Delta R.T. 0.14 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

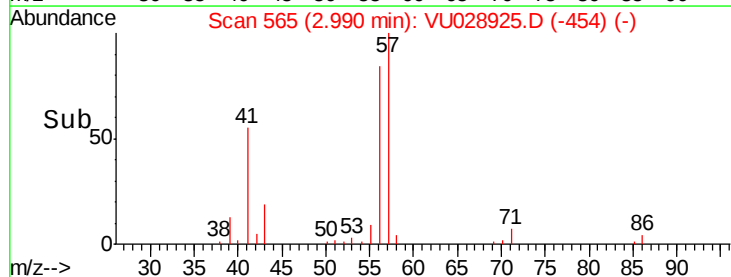
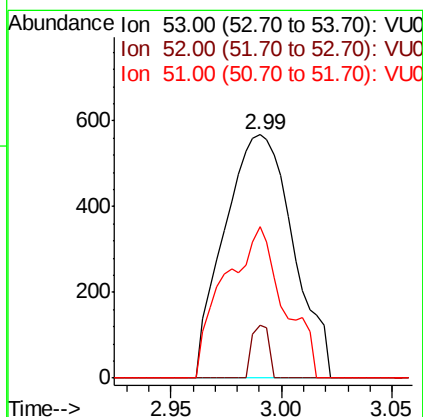
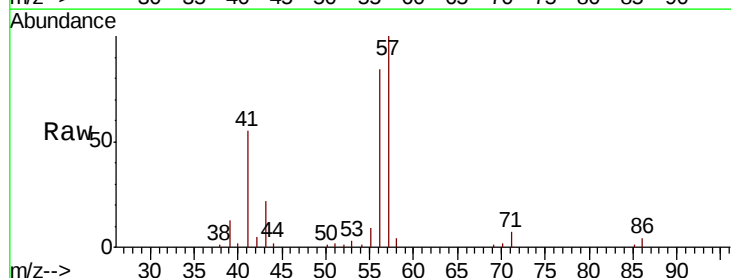
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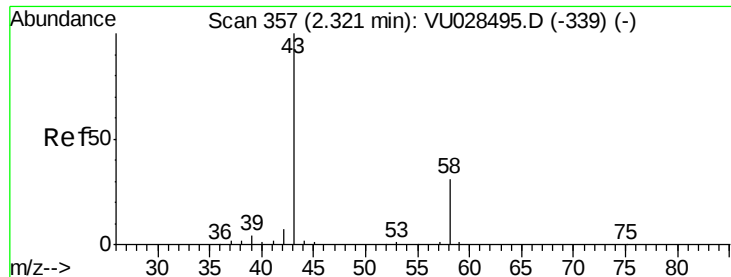
Tgt Ion: 41 Resp: 10717
 Ion Ratio Lower Upper
 41 100
 39 40.6 50.8 76.2#
 76 0.0 24.8 37.2#



#15
 Acrylonitrile
 Concen: 0.696 ug/l
 RT: 2.99 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

Tgt Ion: 53 Resp: 1224
 Ion Ratio Lower Upper
 53 100
 52 5.4 66.1 99.1#
 51 53.6 28.1 42.1#





#16

Acetone

Concen: 0.484 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

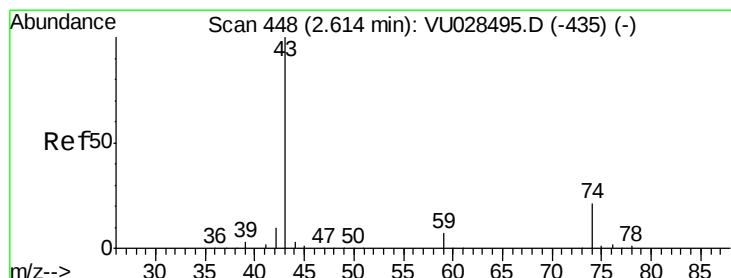
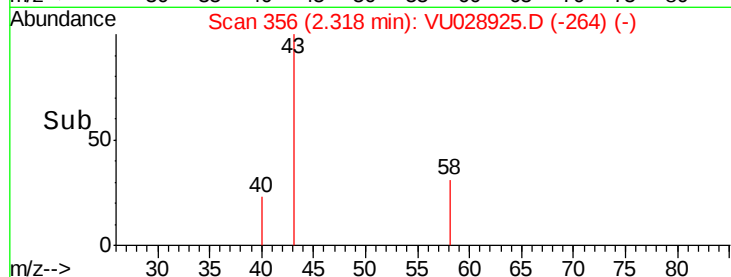
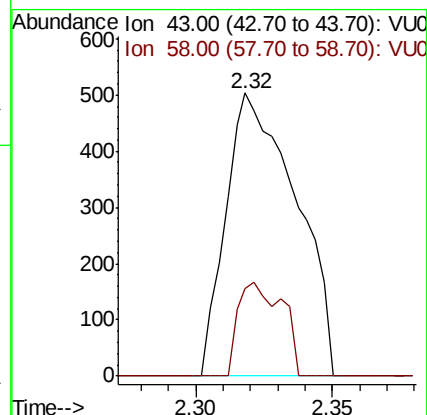
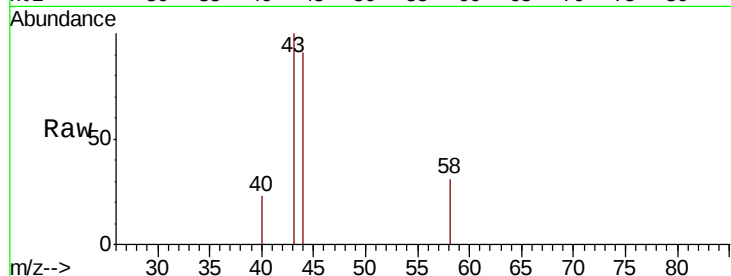
P001-SS013A-3036-01ME

Tgt Ion: 43 Resp: 898

Ion Ratio Lower Upper

43 100

58 31.0 24.6 37.0



#18

Methyl Acetate

Concen: 0.289 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028925.D

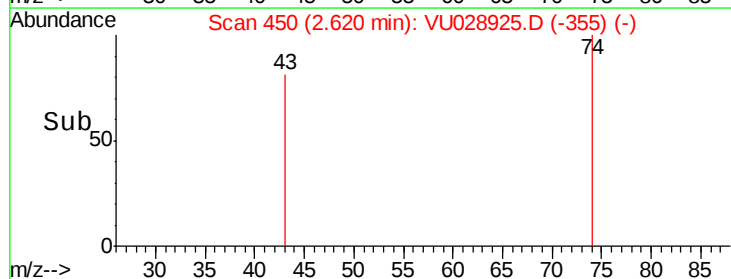
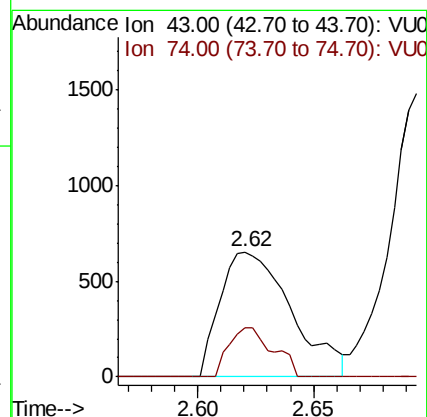
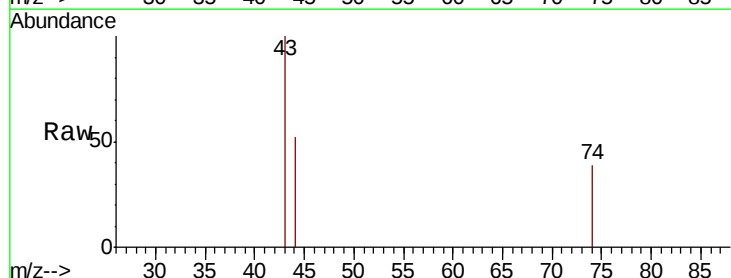
Acq: 22 Dec 2018 19:26

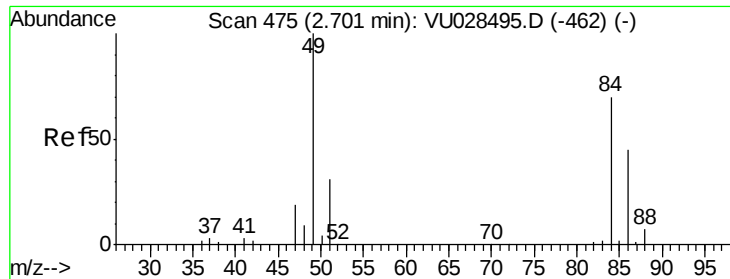
Tgt Ion: 43 Resp: 1391

Ion Ratio Lower Upper

43 100

74 24.4 16.4 24.6

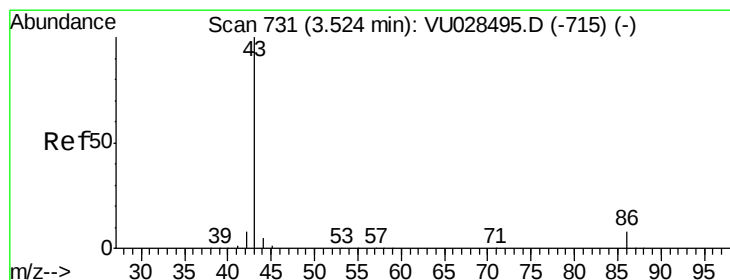
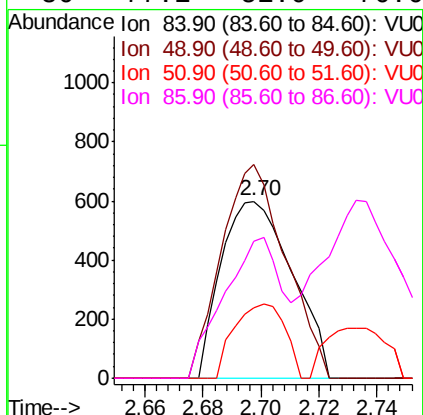
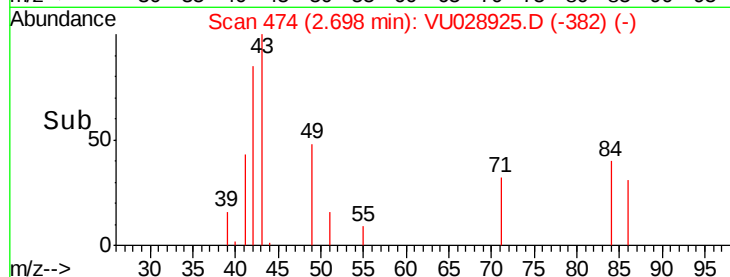
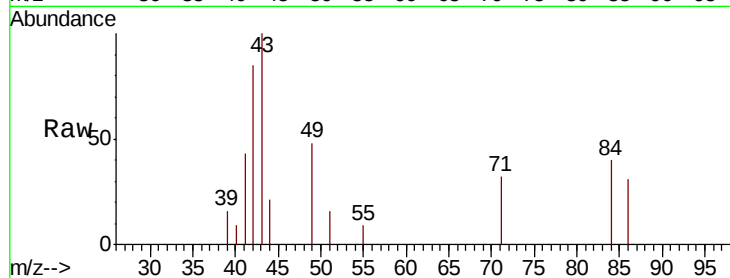




#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

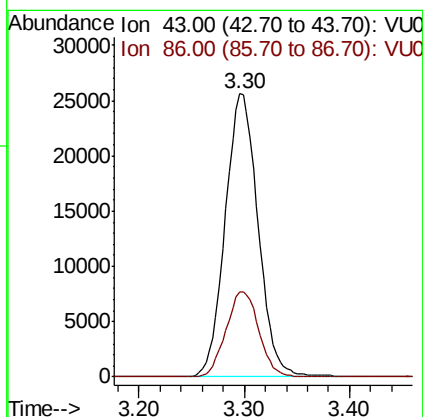
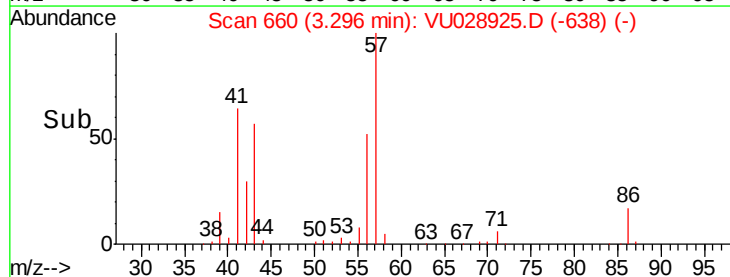
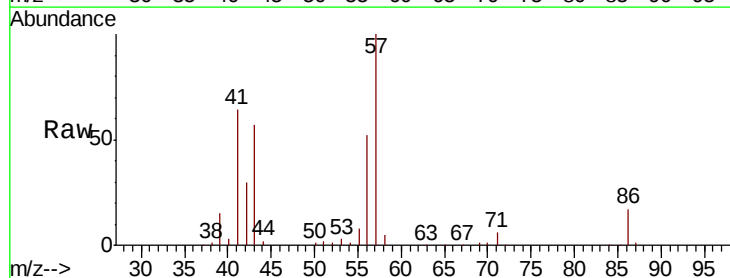
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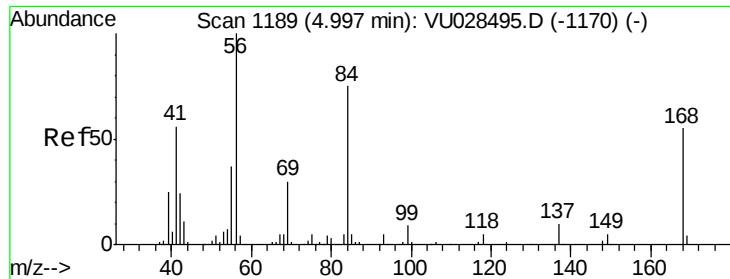
Tgt Ion: 84 Resp: 1020
Ion Ratio Lower Upper
84 100
49 120.7 114.0 171.0
51 39.9 35.1 52.7
86 77.1 51.0 76.6#



#23
Vinyl Acetate
Concen: 7.030 ug/l
RT: 3.30 min Scan# 660
Delta R.T. -0.23 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion: 43 Resp: 55357
Ion Ratio Lower Upper
43 100
86 30.0 6.8 10.2#

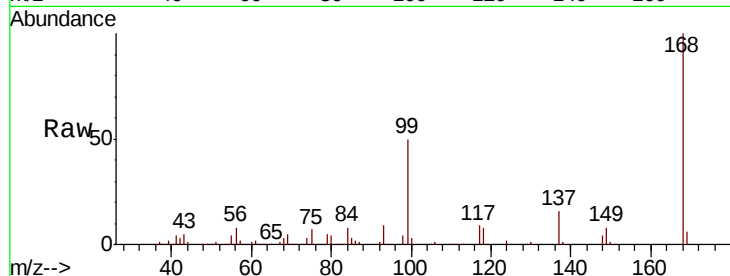




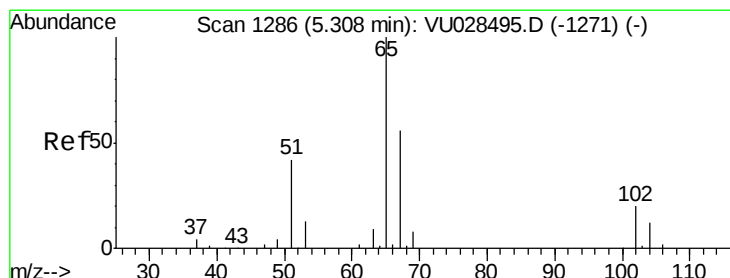
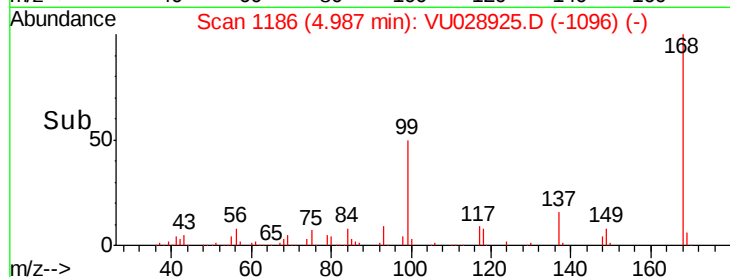
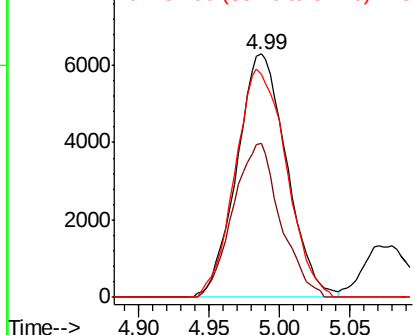
#31
Cyclohexane
Concen: 2.035 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

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

Tgt Ion: 56 Resp: 15524
Ion Ratio Lower Upper
56 100
69 63.3 24.0 36.0#
84 91.9 59.7 89.5#

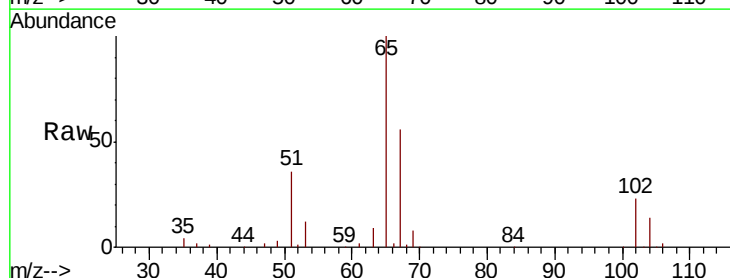


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

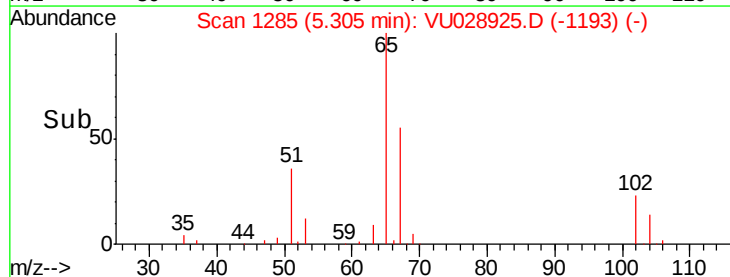
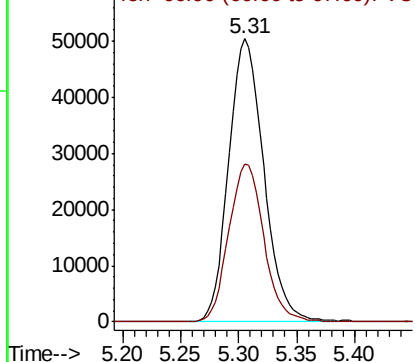


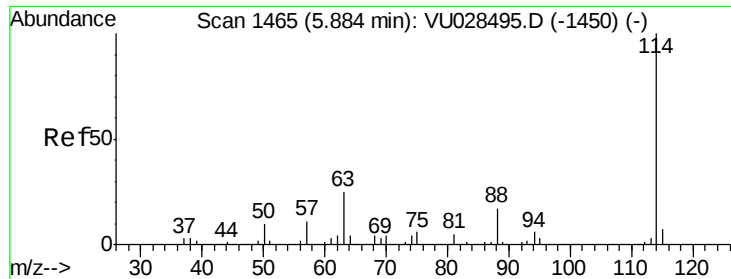
#33
1,2-Dichloroethane-d4
Concen: 37.299 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion: 65 Resp: 106090
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.6



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

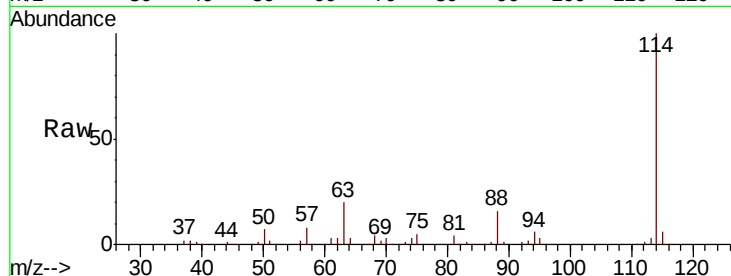




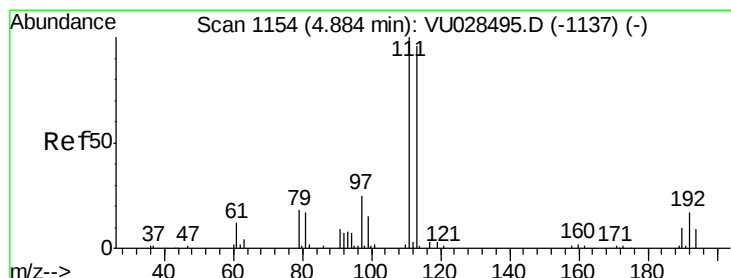
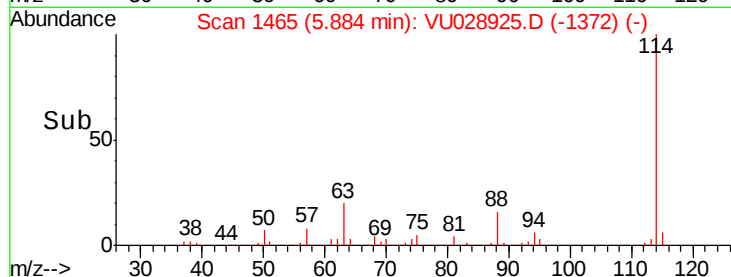
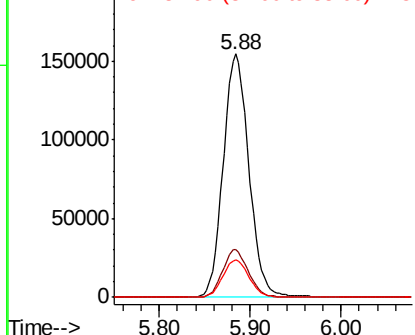
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

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

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	49.2
88	15.5	0.0	33.4

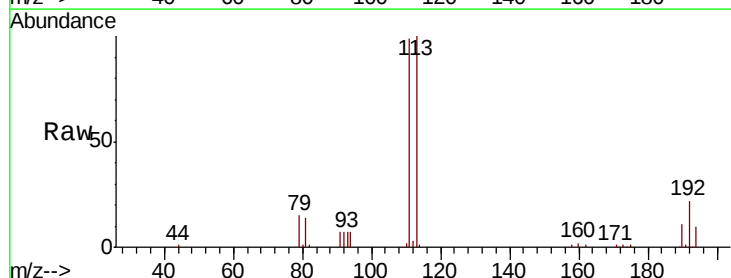


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

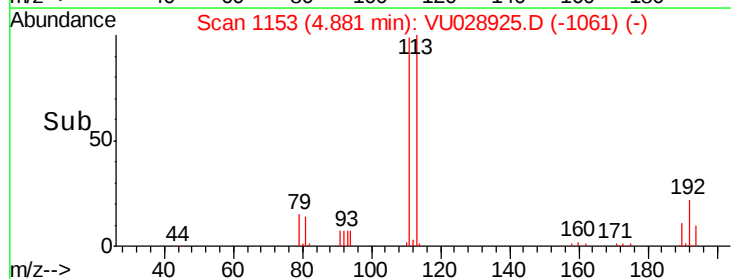
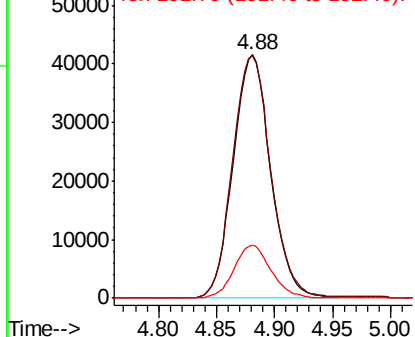


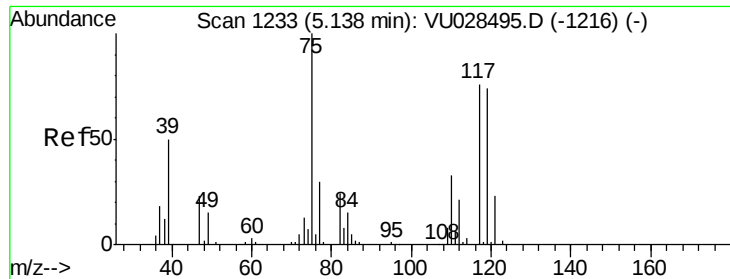
#35
 Dibromofluoromethane
 Concen: 48.753 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.0
192	21.4	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: 4.177 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01ME

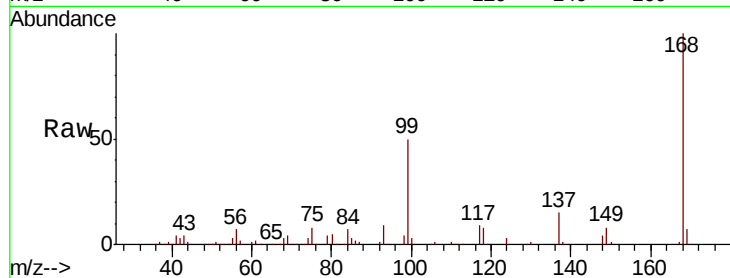
Tgt Ion: 75 Resp: 13911

Ion Ratio Lower Upper

75 100

110 6.6 16.1 48.2#

77 0.0 24.5 36.7#

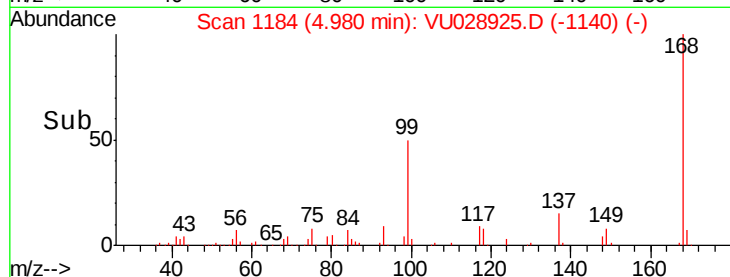


Abundance Ion 74.90 (74.60 to 75.60): VU028925.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU028925.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU028925.D (-1140) (-)

Time-->



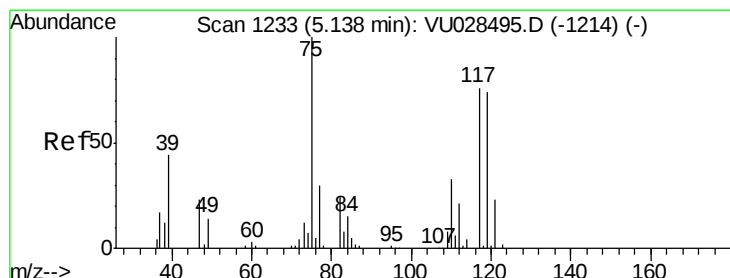
Abundance

Ion 74.90 (74.60 to 75.60): VU028925.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU028925.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU028925.D (-1140) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.953 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

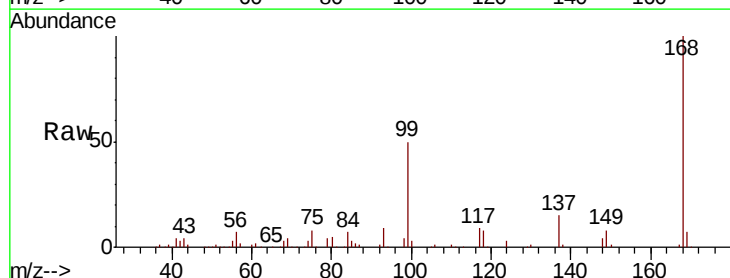
Tgt Ion: 117 Resp: 15979

Ion Ratio Lower Upper

117 100

119 4.7 77.6 116.4#

121 0.0 24.6 36.8#

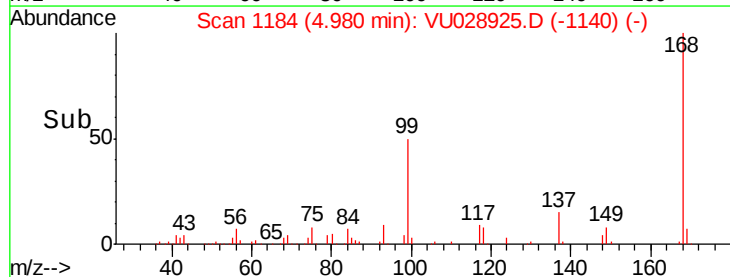


Abundance Ion 116.80 (116.50 to 117.50): VU028925.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU028925.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028925.D (-1140) (-)

Time-->



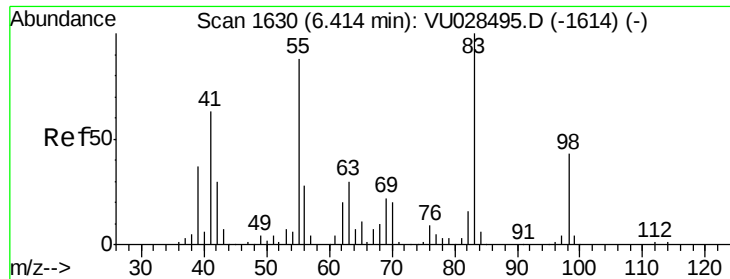
Abundance

Ion 116.80 (116.50 to 117.50): VU028925.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU028925.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028925.D (-1140) (-)

Time-->



#39

Methylcyclohexane

Concen: 9.555 ug/l

RT: 6.41 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01ME

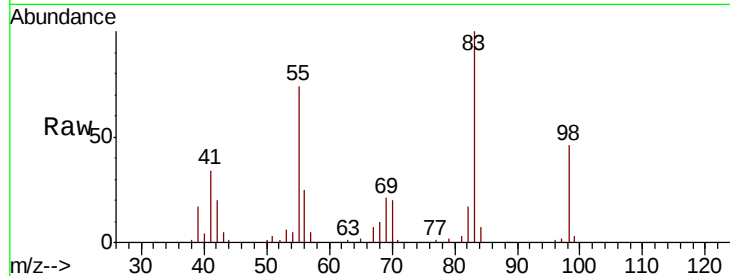
Tgt Ion: 83 Resp: 38818

Ion Ratio Lower Upper

83 100

55 73.8 70.2 105.2

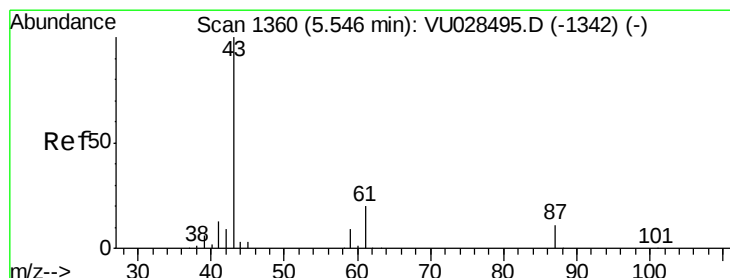
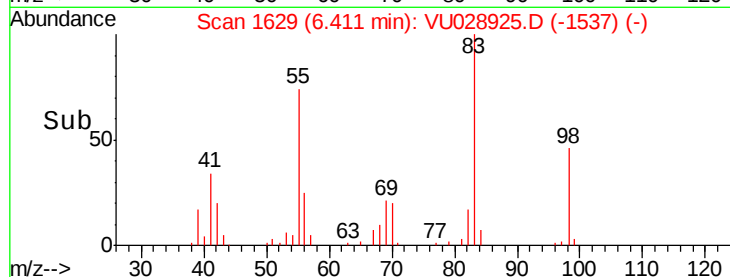
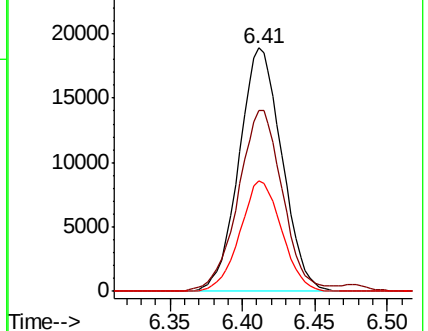
98 45.6 34.2 51.4



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



#43

Isopropyl Acetate

Concen: 0.252 ug/l

RT: 5.49 min Scan# 1341

Delta R.T. -0.06 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

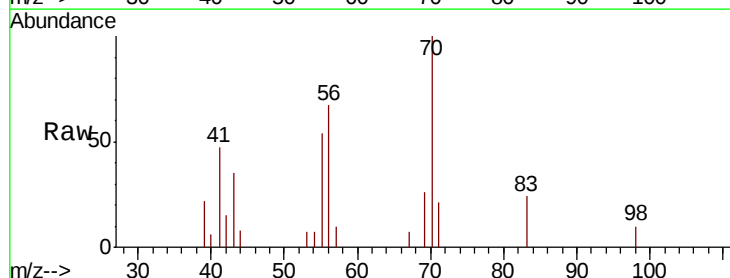
Tgt Ion: 43 Resp: 1715

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

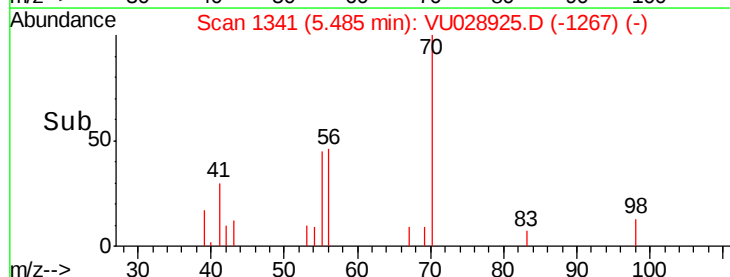
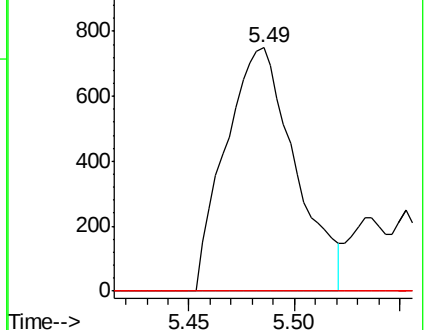
87 0.0 8.7 13.1#

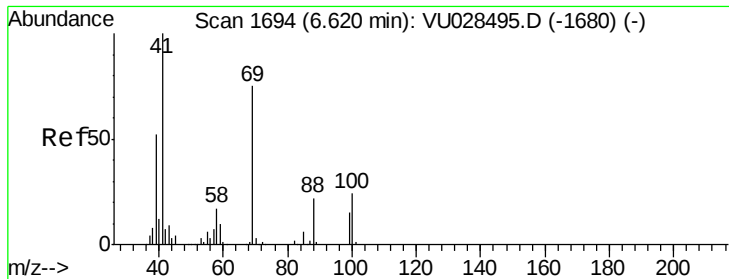


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

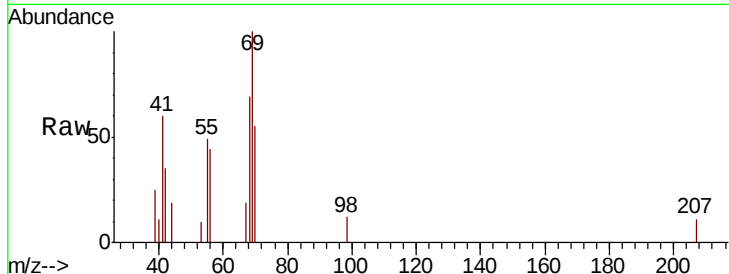




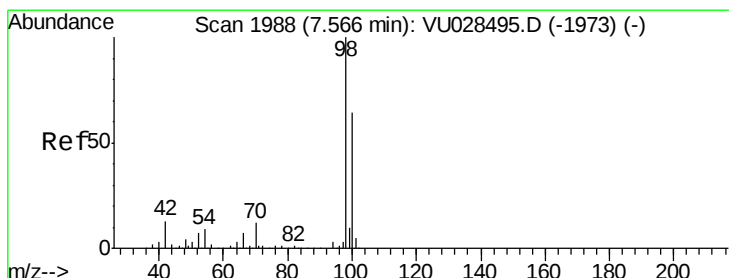
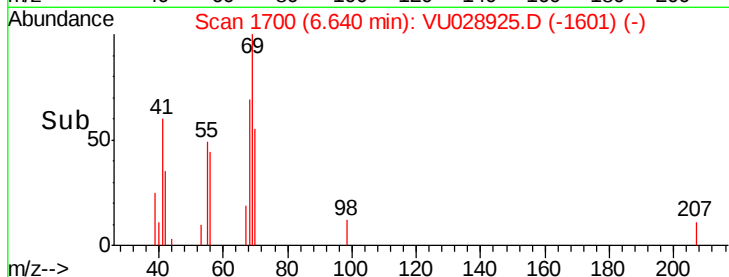
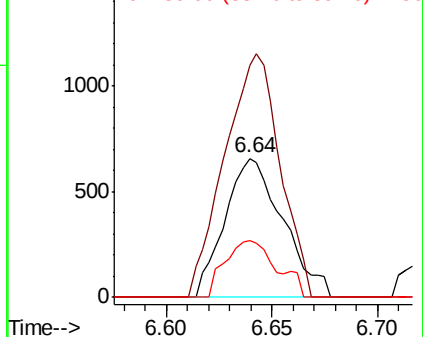
#48
Methyl methacrylate
Concen: 0.371 ug/l
RT: 6.64 min Scan# 1700
Delta R.T. 0.02 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

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

Tgt Ion: 41 Resp: 1257
Ion Ratio Lower Upper
41 100
69 166.7 60.4 90.6#
39 36.2 41.1 61.7#

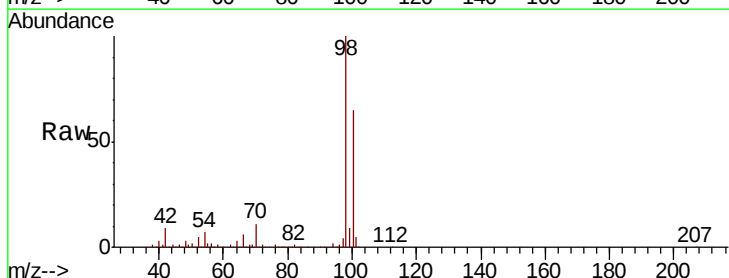


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

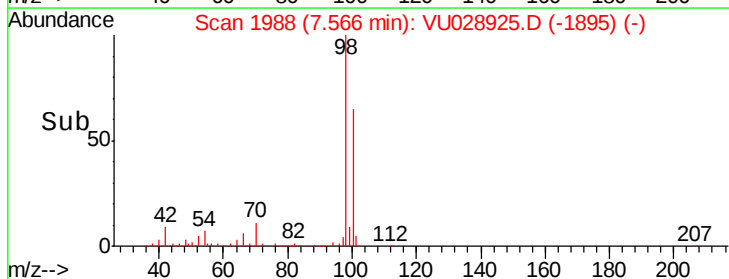
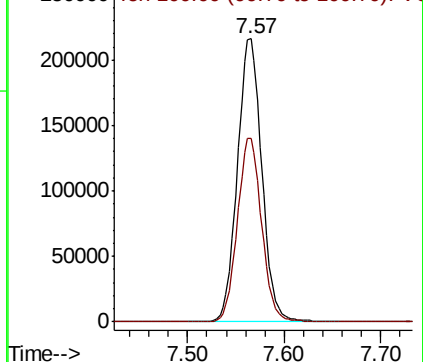


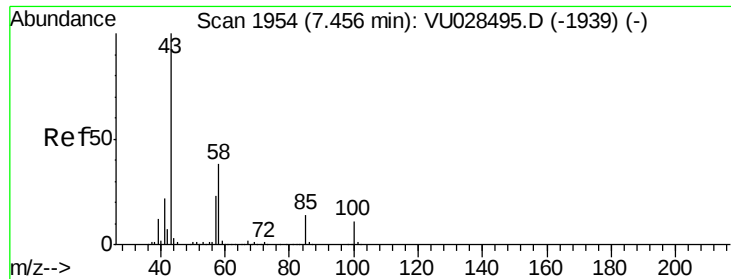
#50
Toluene-d8
Concen: 49.978 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion: 98 Resp: 378612
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.6



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

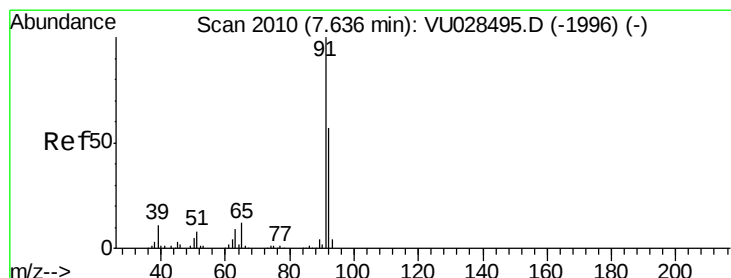
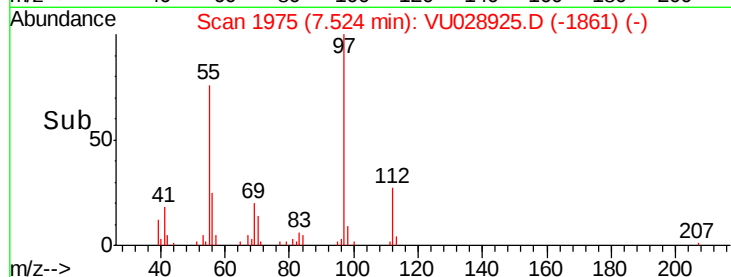
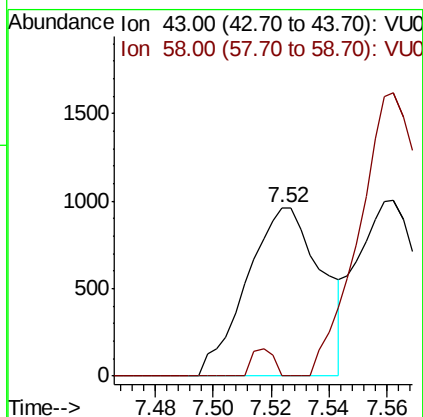
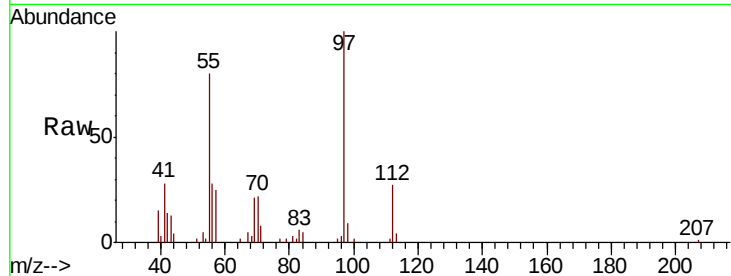




#51
 4-Methyl-2-Pentanone
 Concen: 0.400 ug/l
 RT: 7.52 min Scan# 1975
 Delta R.T. 0.07 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

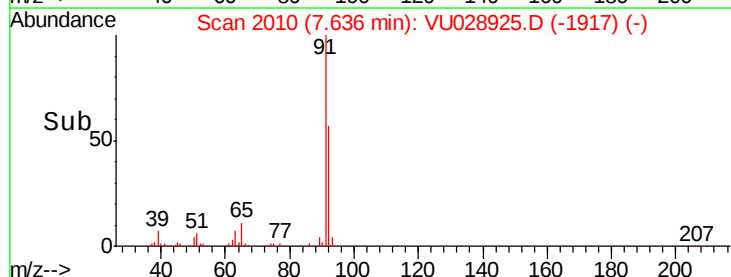
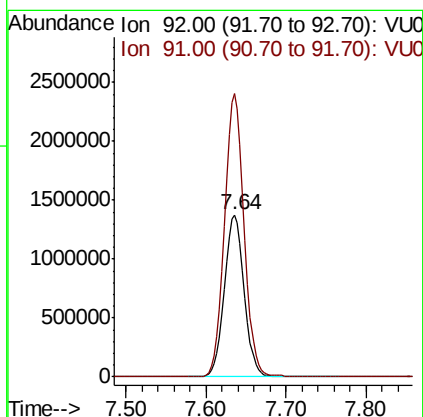
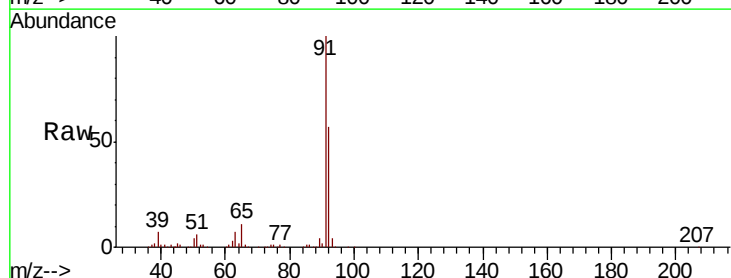
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-3036-01ME

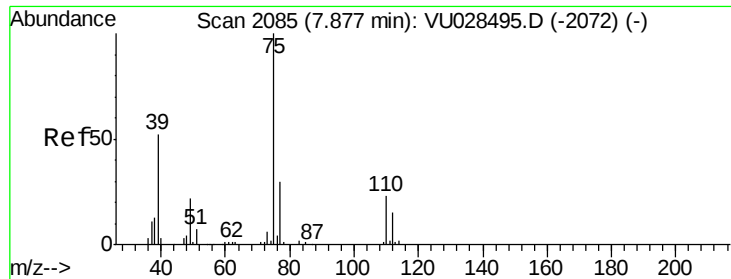
Tgt Ion: 43 Resp: 1718
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.2 45.2#



#52
 Toluene
 Concen: 406.136 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

Tgt Ion: 92 Resp: 2344210
 Ion Ratio Lower Upper
 92 100
 91 173.1 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 6.316 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.24 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

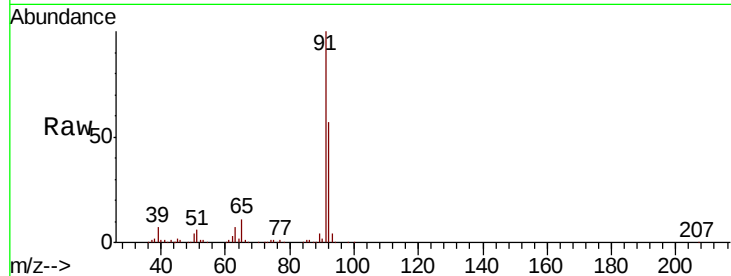
P001-SS013A-3036-01ME

Tgt Ion: 75 Resp: 23952

Ion Ratio Lower Upper

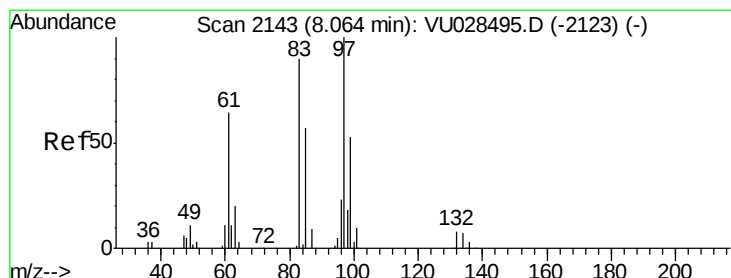
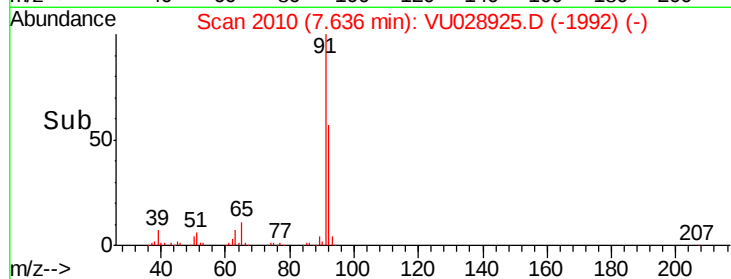
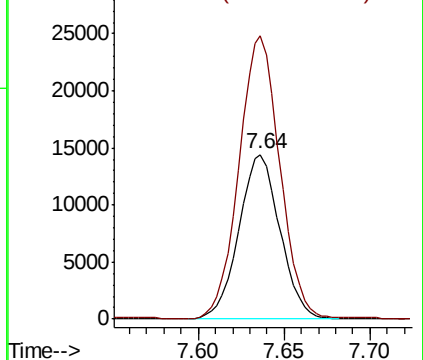
75 100

77 171.8 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#55

1,1,2-Trichloroethane

Concen: 2.573 ug/l

RT: 8.05 min Scan# 2138

Delta R.T. -0.02 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Tgt Ion: 97 Resp: 5871

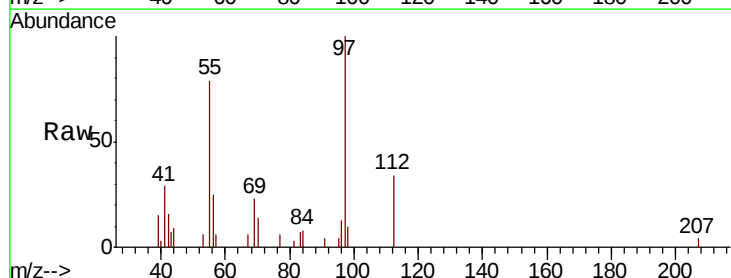
Ion Ratio Lower Upper

97 100

83 7.2 72.4 108.6#

85 0.0 46.0 69.0#

99 0.0 47.4 71.2#

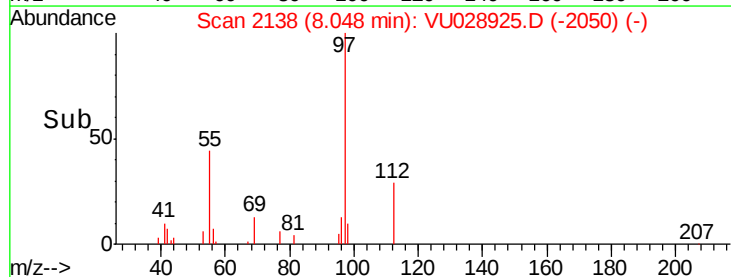
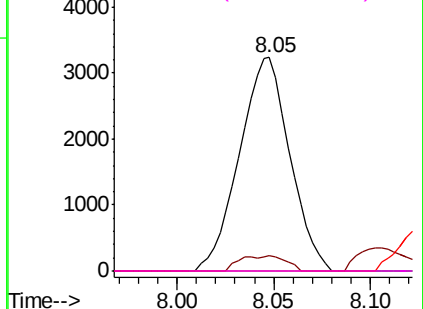


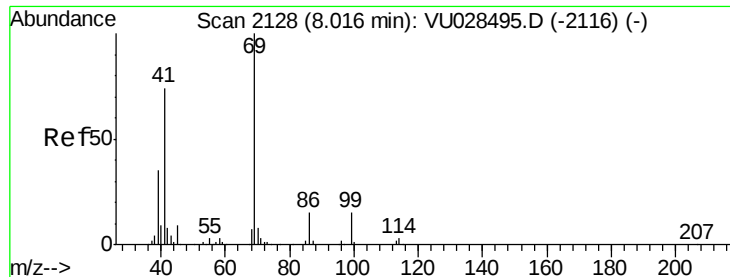
Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0





#56

Ethyl methacrylate

Concen: 0.333 ug/l

RT: 8.05 min Scan# 2138

Delta R.T. 0.03 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01ME

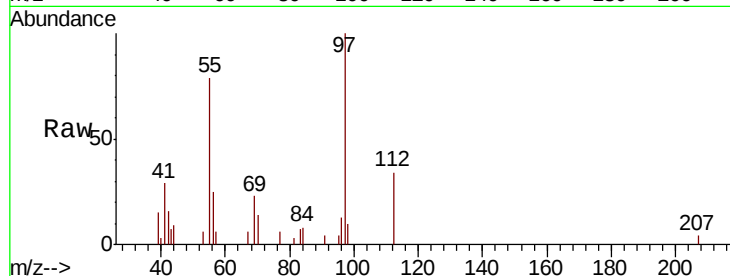
Tgt Ion: 69 Resp: 1303

Ion Ratio Lower Upper

69 100

41 153.6 59.1 88.7#

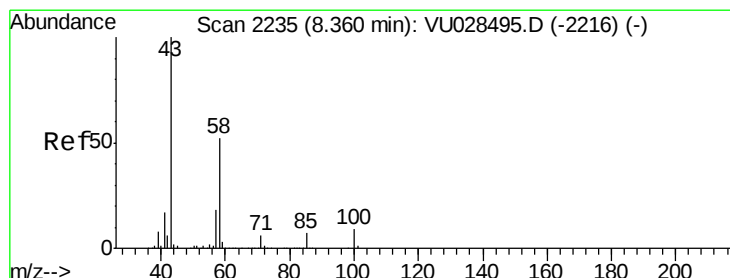
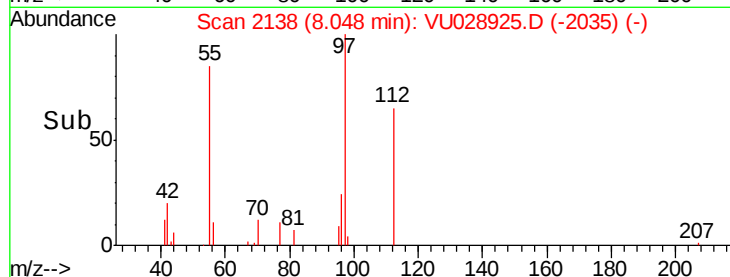
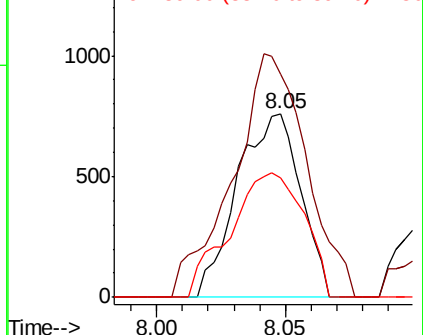
39 79.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#59

2-Hexanone

Concen: 4.060 ug/l

RT: 8.33 min Scan# 2225

Delta R.T. -0.03 min

Lab File: VU028925.D

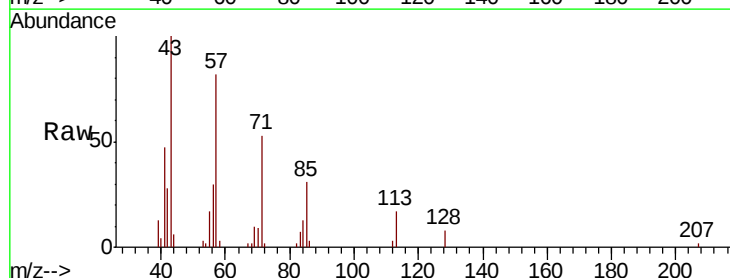
Acq: 22 Dec 2018 19:26

Tgt Ion: 43 Resp: 13819

Ion Ratio Lower Upper

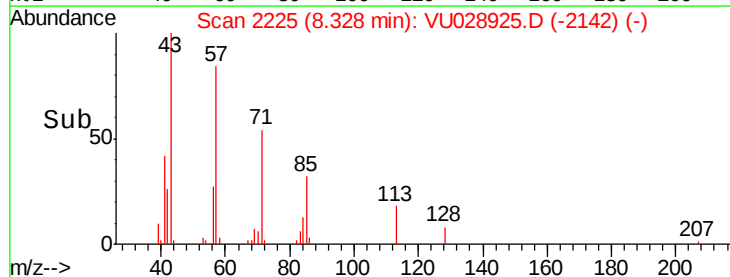
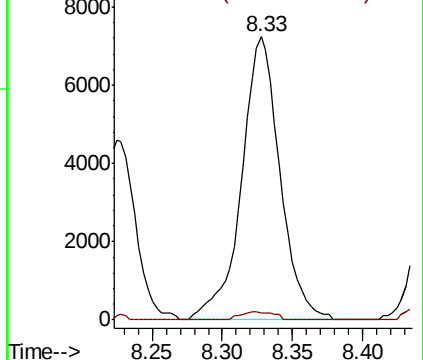
43 100

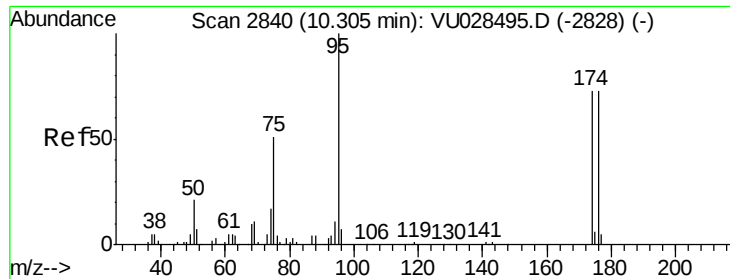
58 2.5 25.9 77.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 46.874 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01ME

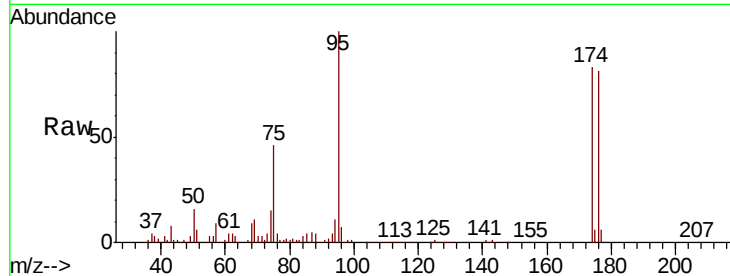
Tgt Ion: 95 Resp: 132722

Ion Ratio Lower Upper

95 100

174 84.2 0.0 150.4

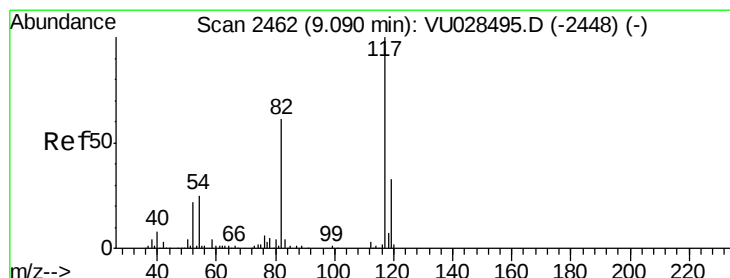
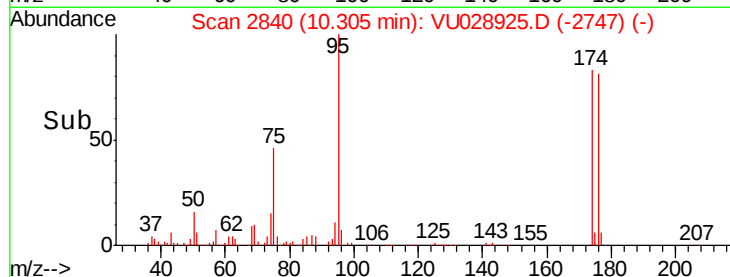
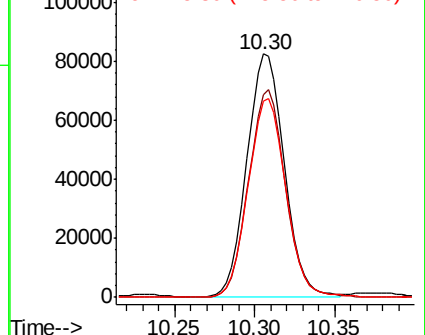
176 82.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

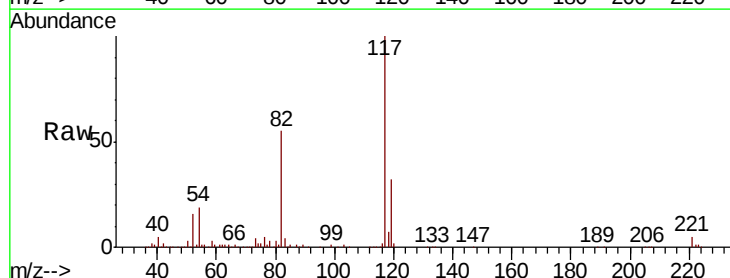
Tgt Ion: 117 Resp: 278956

Ion Ratio Lower Upper

117 100

82 54.8 48.9 73.3

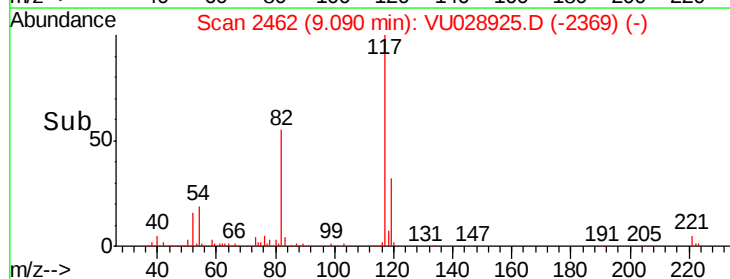
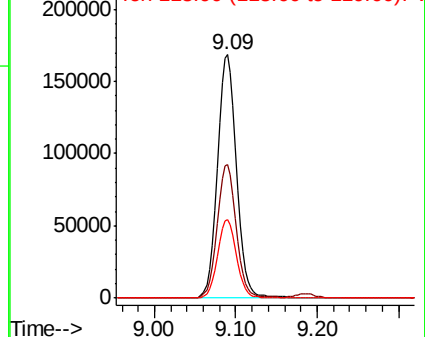
119 32.3 26.2 39.4

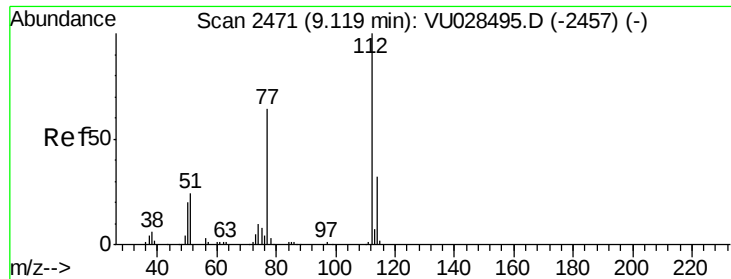


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 2.148 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

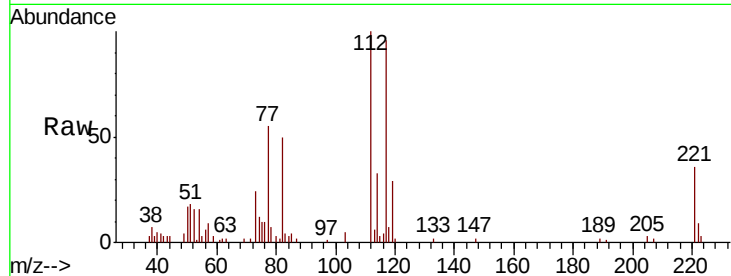
P001-SS013A-3036-01ME

Tgt Ion:112 Resp: 12771

Ion Ratio Lower Upper

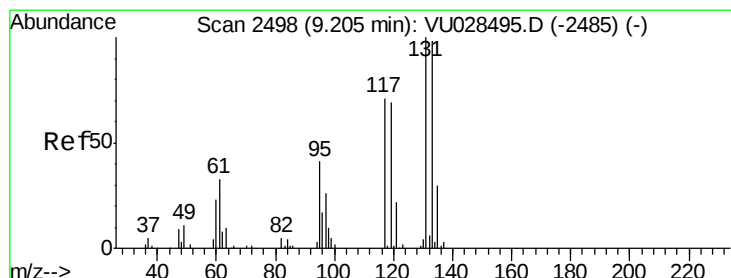
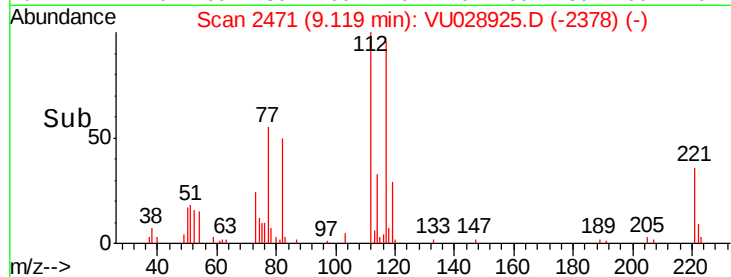
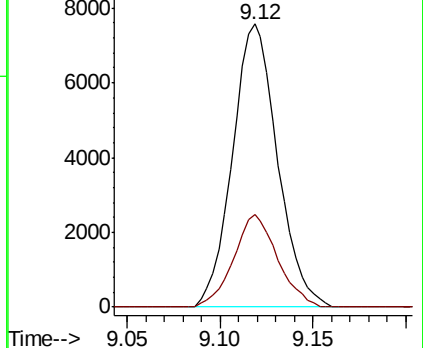
112 100

114 32.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.326 ug/l

RT: 9.10 min Scan# 2465

Delta R.T. -0.11 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

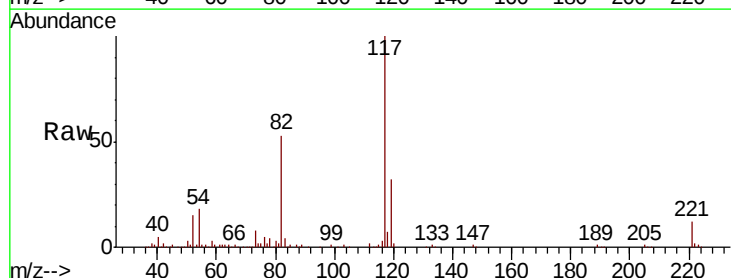
Tgt Ion:131 Resp: 619

Ion Ratio Lower Upper

131 100

133 260.1 48.0 144.0#

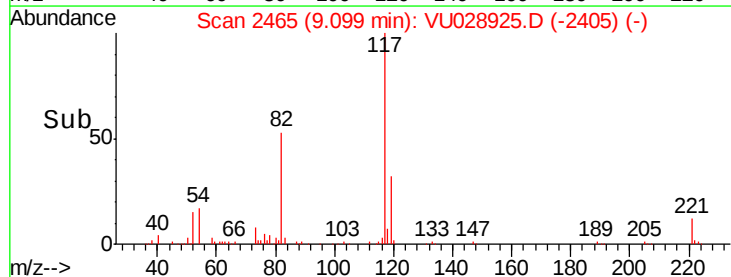
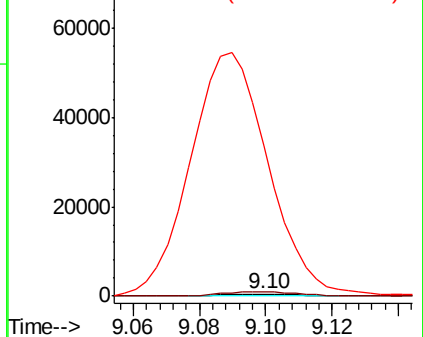
119 14517.6 34.6 103.9#

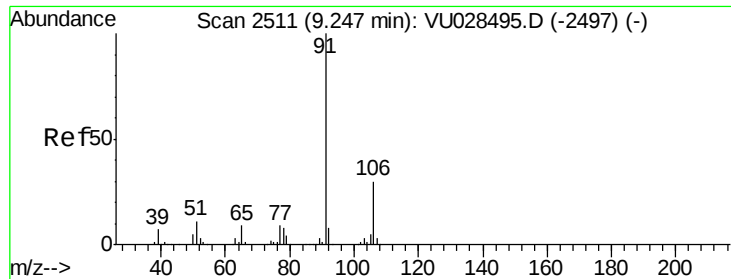


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

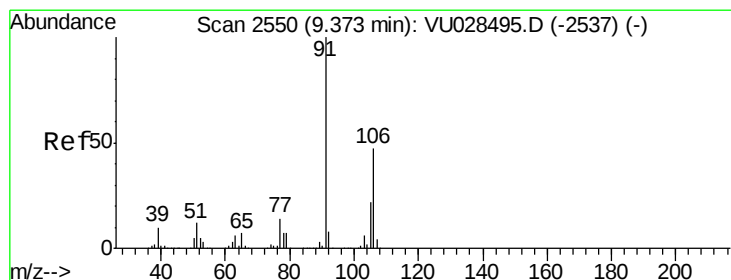
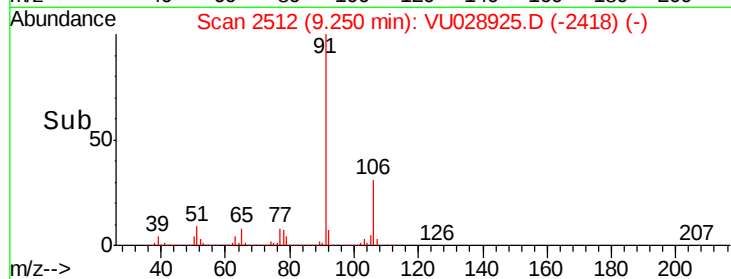
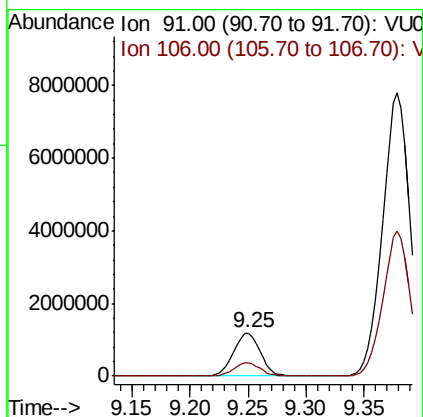
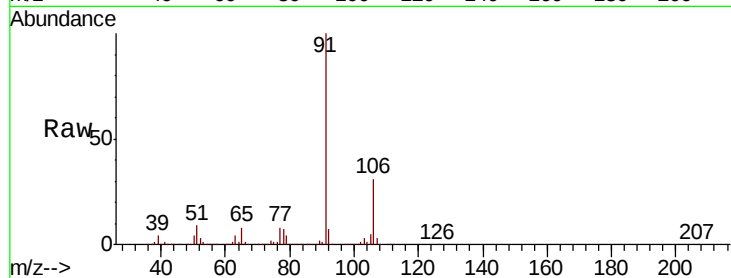




#67
Ethyl Benzene
Concen: 171.862 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

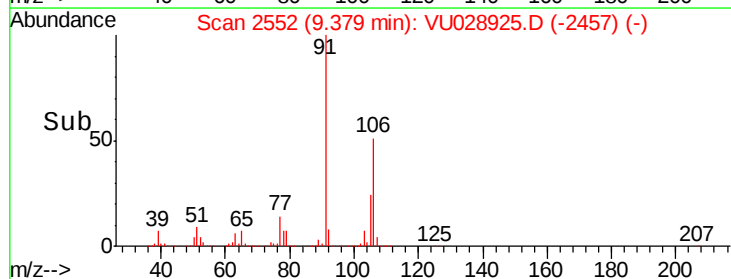
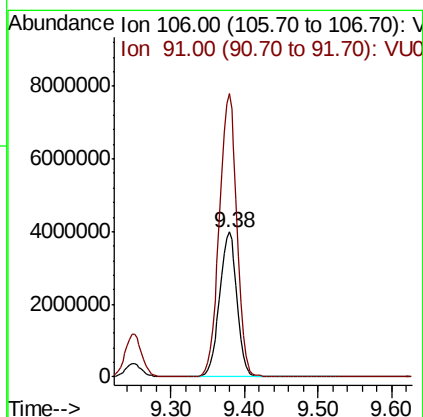
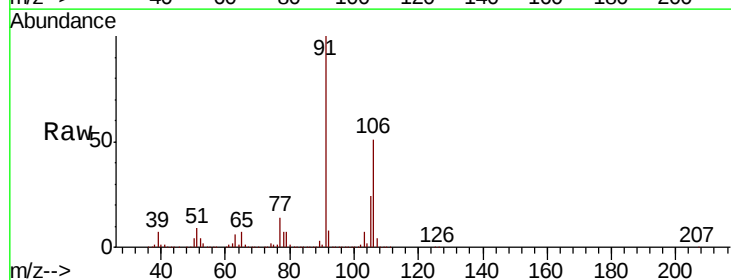
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01ME

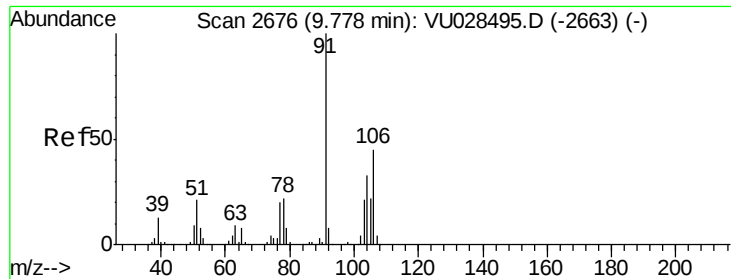
Tgt Ion: 91 Resp: 1878021
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1



#68
m/p-Xylenes
Concen: 1633.947 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion: 106 Resp: 6496937
Ion Ratio Lower Upper
106 100
91 197.6 167.4 251.0

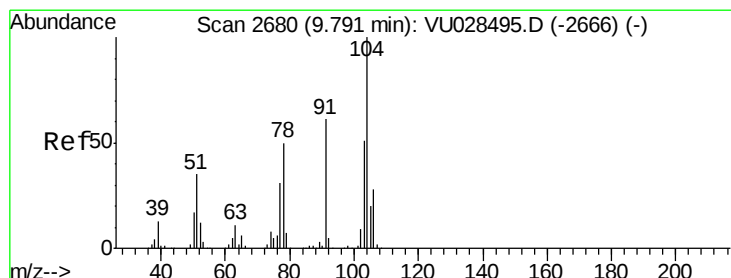
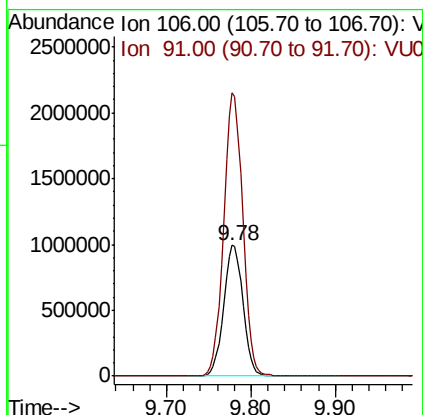
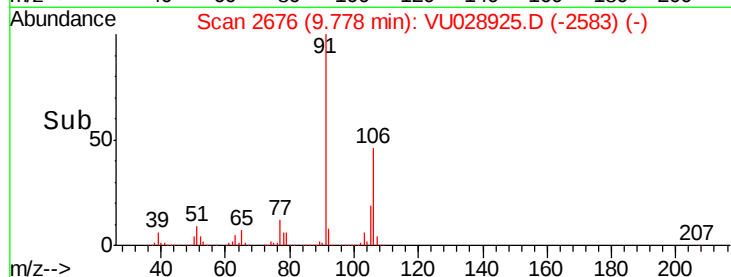
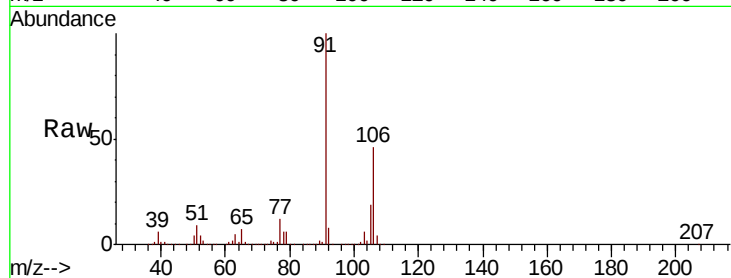




#69
o-Xylene
Concen: 406.384 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

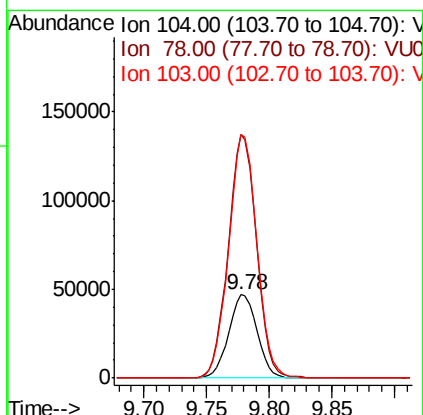
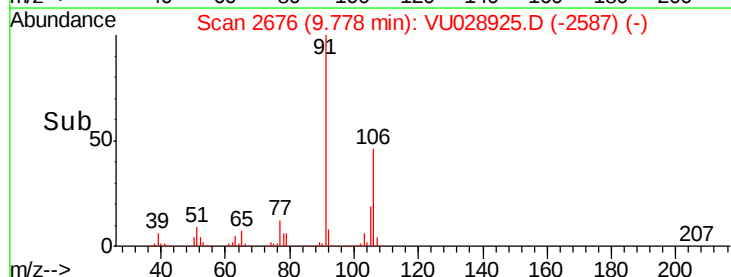
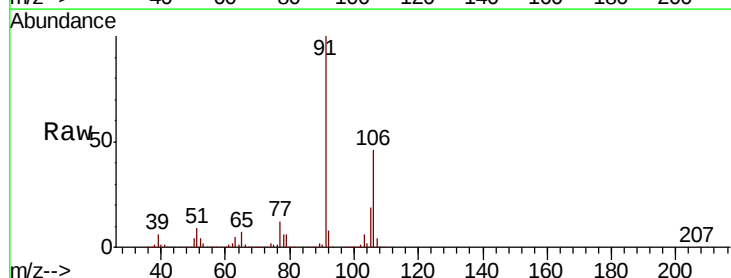
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01ME

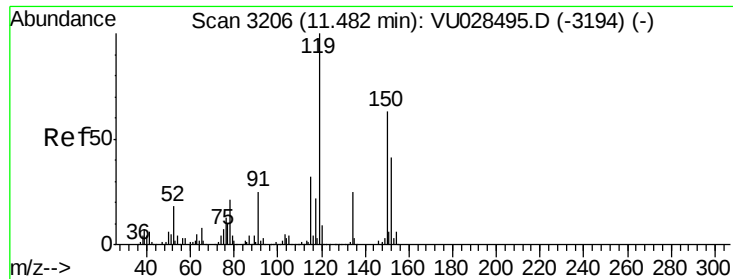
Tgt Ion:106 Resp: 1570305
Ion Ratio Lower Upper
106 100
91 214.8 111.3 334.0



#70
Styrene
Concen: 11.641 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion:104 Resp: 74440
Ion Ratio Lower Upper
104 100
78 288.3 43.0 64.6#
103 288.1 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01ME

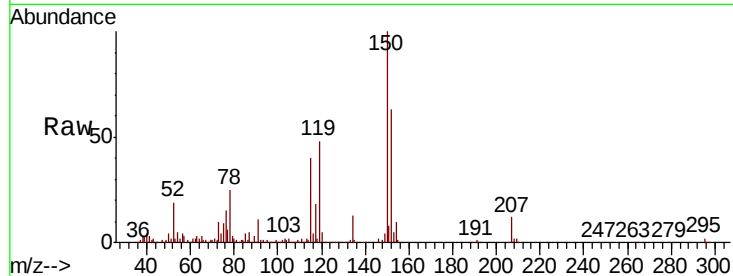
Tgt Ion:152 Resp: 132543

Ion Ratio Lower Upper

152 100

115 65.4 42.7 128.1

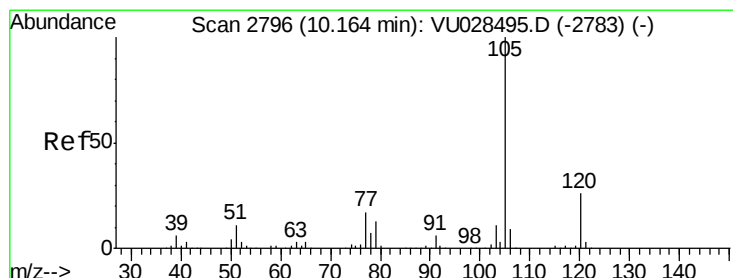
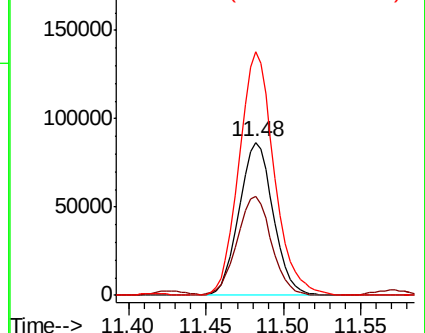
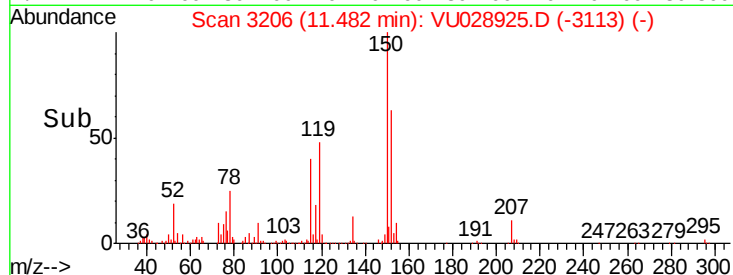
150 163.5 0.0 346.0



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: 7.670 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU028925.D

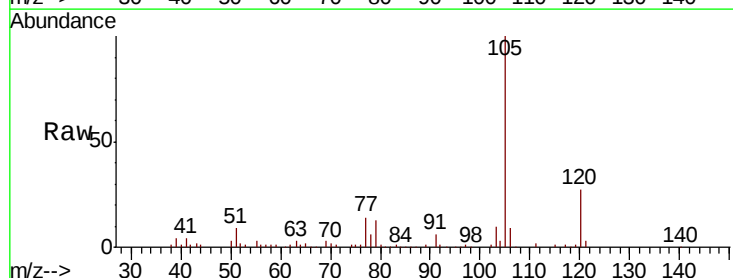
Acq: 22 Dec 2018 19:26

Tgt Ion:105 Resp: 78010

Ion Ratio Lower Upper

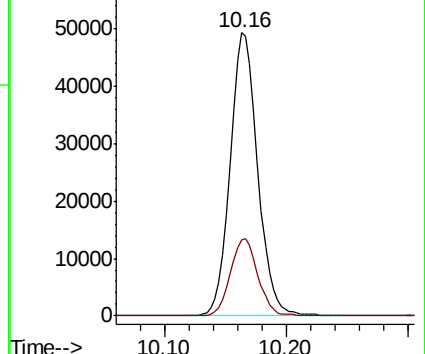
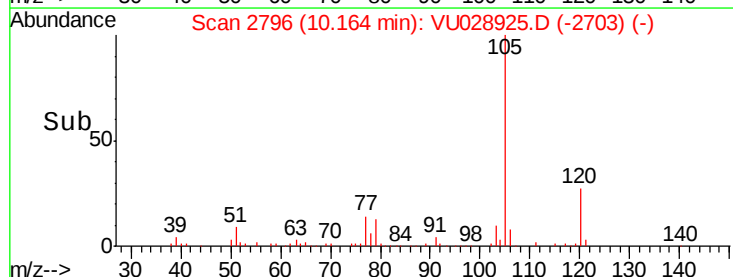
105 100

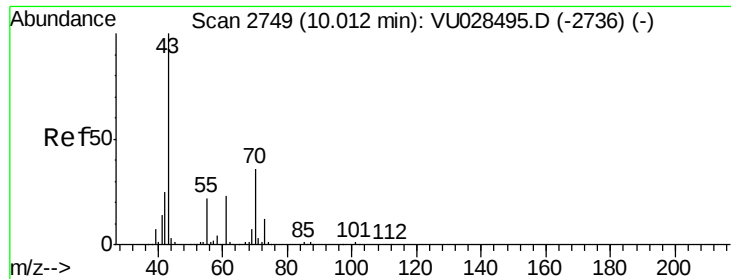
120 27.3 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

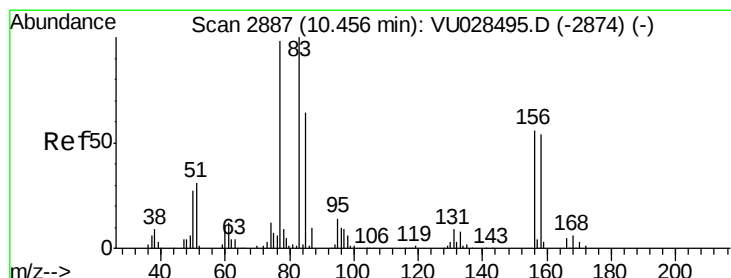
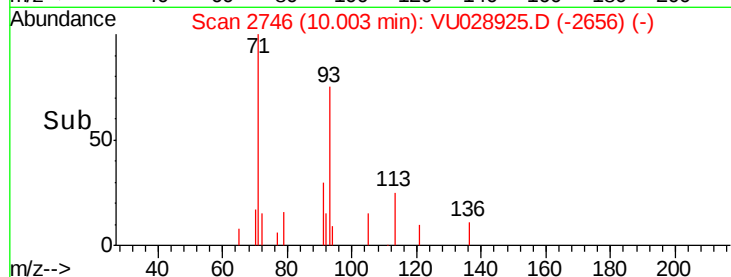
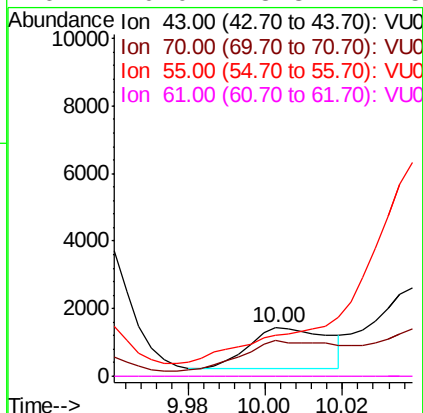
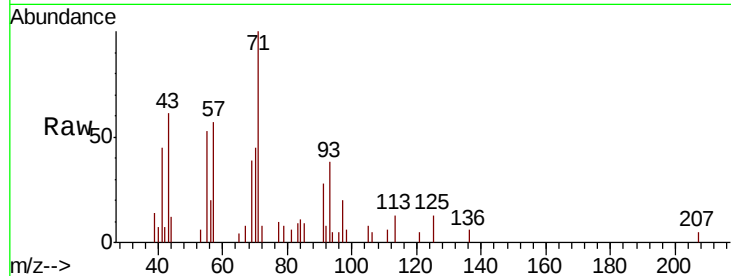




#74
N-amyI acetate
Concen: 0.294 ug/l
RT: 10.00 min Scan# 2746
Delta R.T. -0.01 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

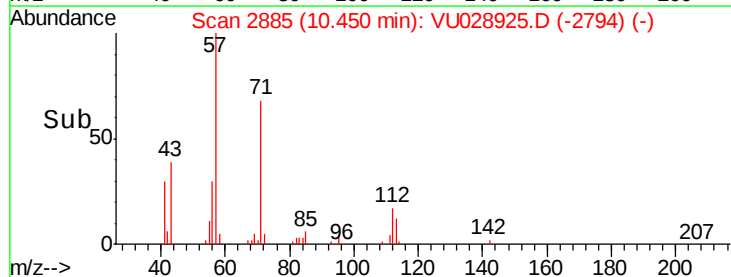
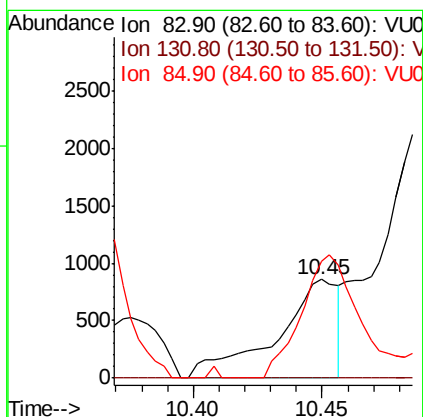
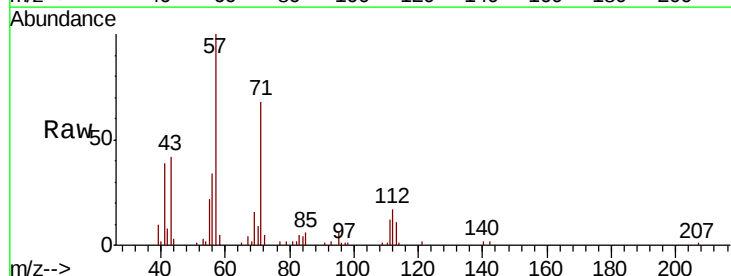
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01ME

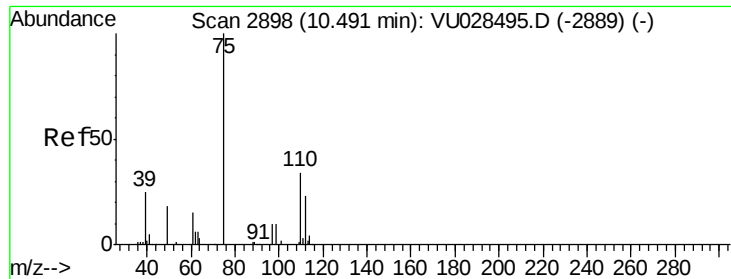
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
70 91.9 29.3 43.9#
55 0.0 18.0 27.0#
61 0.0 18.3 27.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.364 ug/l
RT: 10.45 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion: 83 Resp: 1421
Ion Ratio Lower Upper
83 100
131 0.0 4.2 12.4#
85 117.9 31.8 95.4#





#76

1,2,3-Trichloropropane

Concen: 8.679 ug/l

RT: 10.60 min Scan# 2933

Delta R.T. 0.11 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

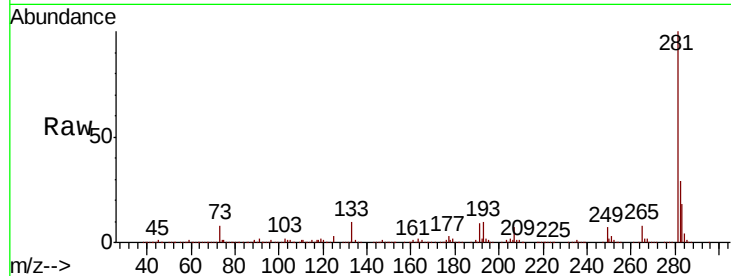
P001-SS013A-3036-01ME

Tgt Ion: 75 Resp: 29374

Ion Ratio Lower Upper

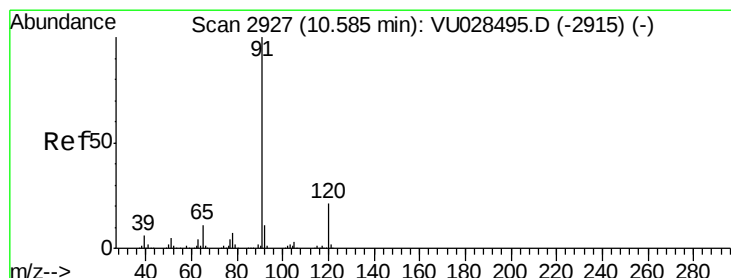
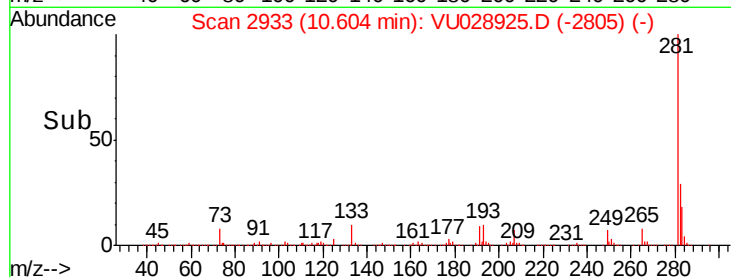
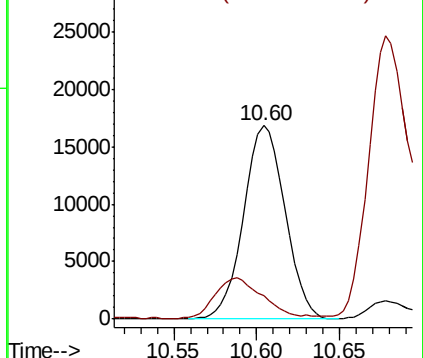
75 100

77 25.7 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: 11.743 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028925.D

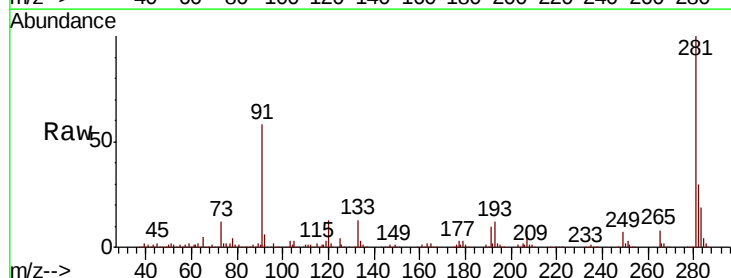
Acq: 22 Dec 2018 19:26

Tgt Ion: 91 Resp: 148409

Ion Ratio Lower Upper

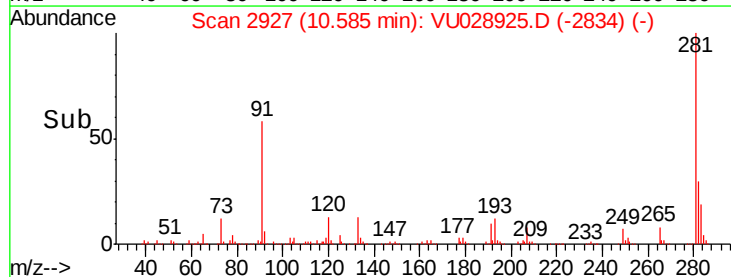
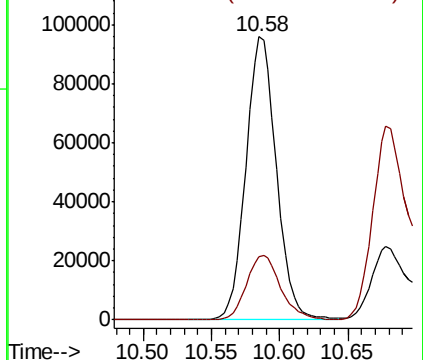
91 100

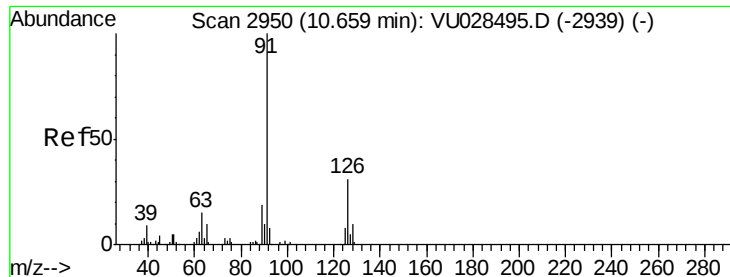
120 25.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 7.172 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

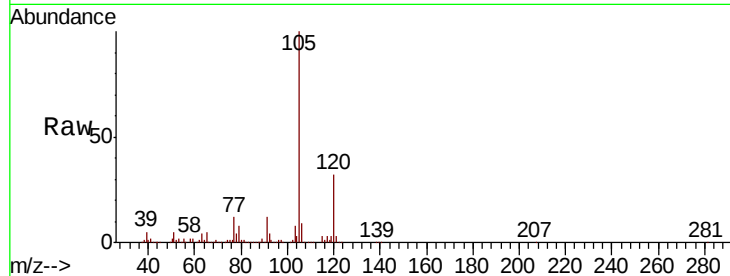
P001-SS013A-3036-01ME

Tgt Ion: 91 Resp: 52211

Ion Ratio Lower Upper

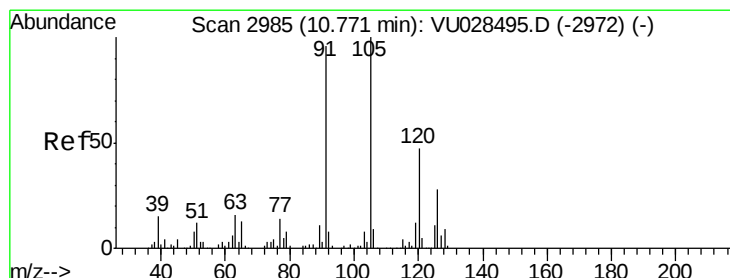
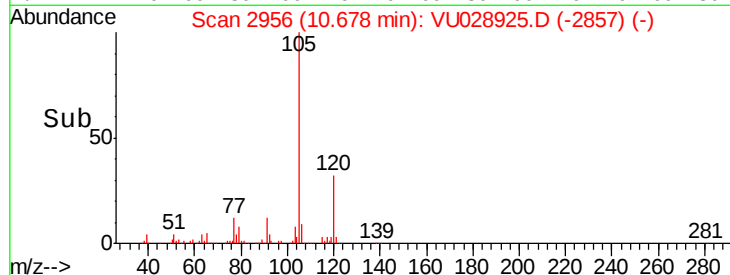
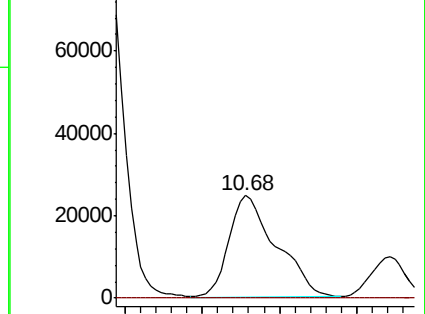
91 100

126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2939) (-)

Ion 125.90 (125.60 to 126.60): VU028495.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.134 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028925.D

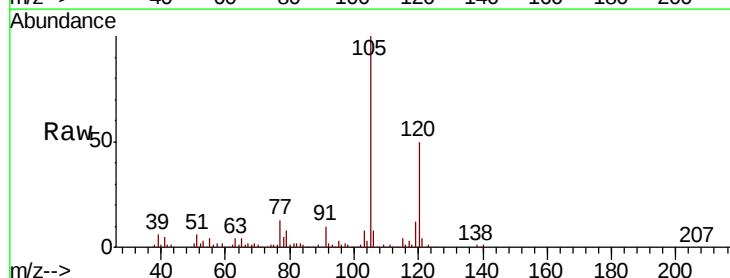
Acq: 22 Dec 2018 19:26

Tgt Ion: 105 Resp: 152666

Ion Ratio Lower Upper

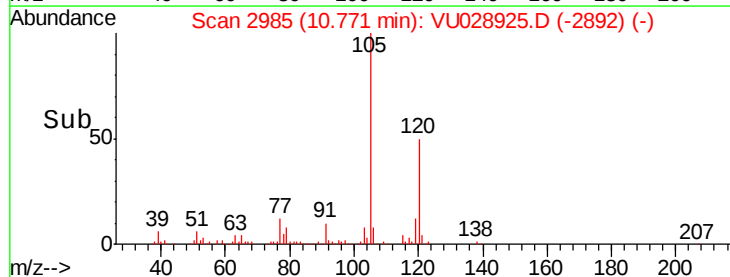
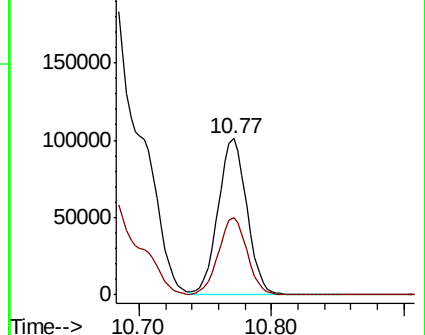
105 100

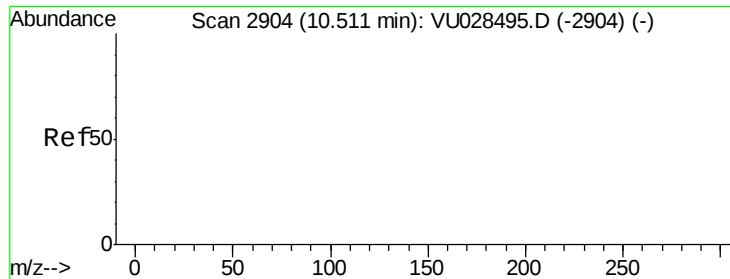
120 49.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VU028495.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU028495.D (-2972) (-)

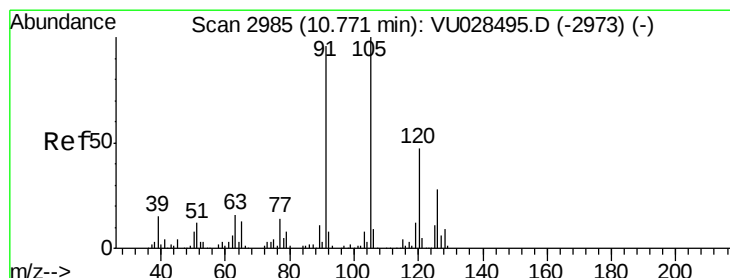
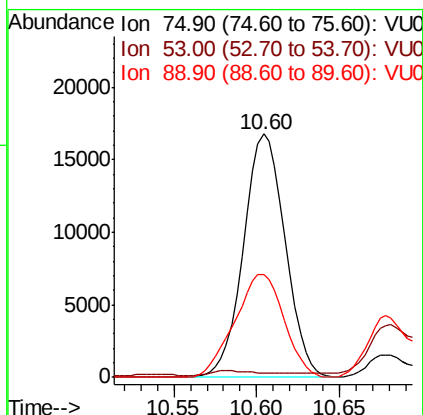
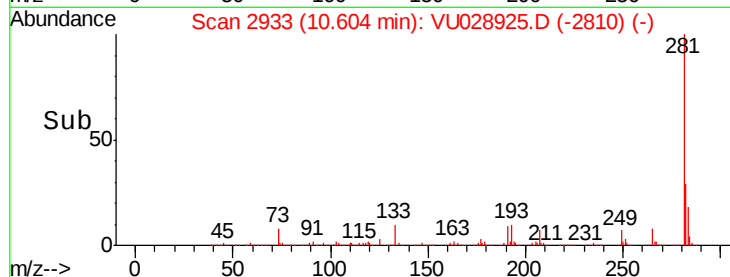
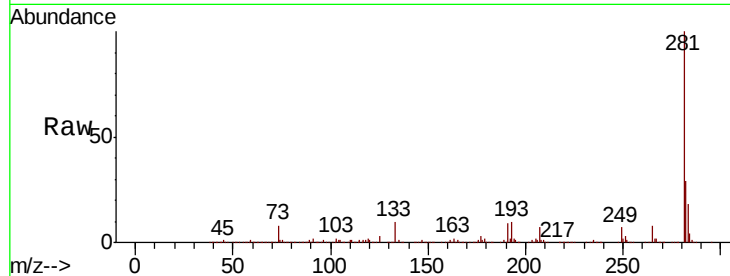




#81
trans-1,4-Dichloro-2-butene
Concen: 21.639 ug/l
RT: 10.60 min Scan# 2933
Delta R.T. 0.09 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

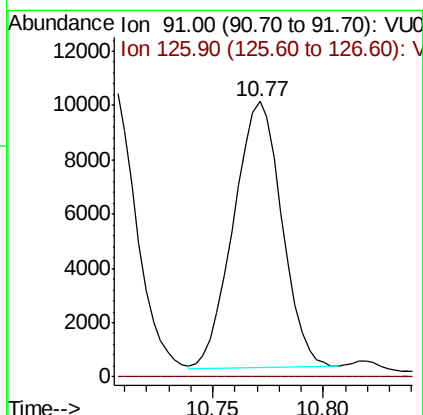
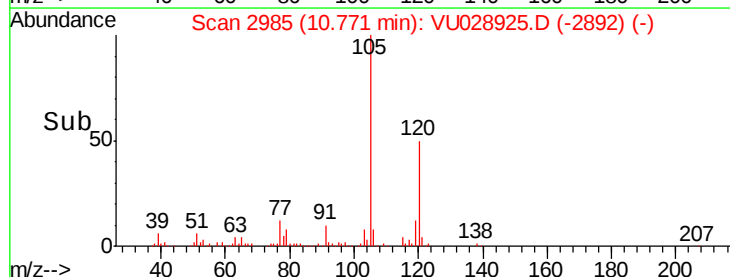
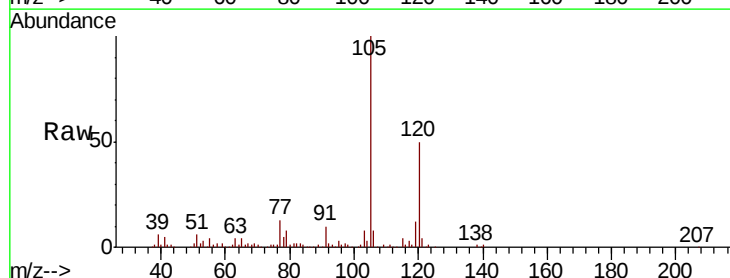
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01ME

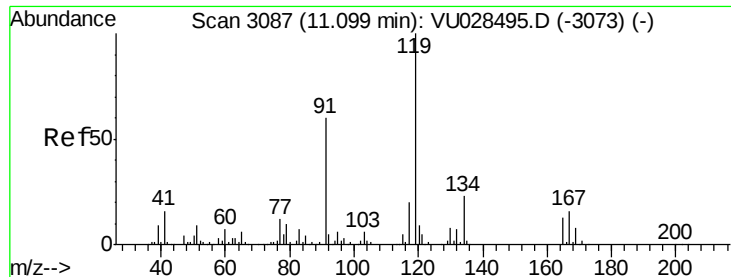
Tgt Ion: 75 Resp: 29374
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 49.9 0.0 0.0#



#82
4-Chlorotoluene
Concen: 1.732 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion: 91 Resp: 14938
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#

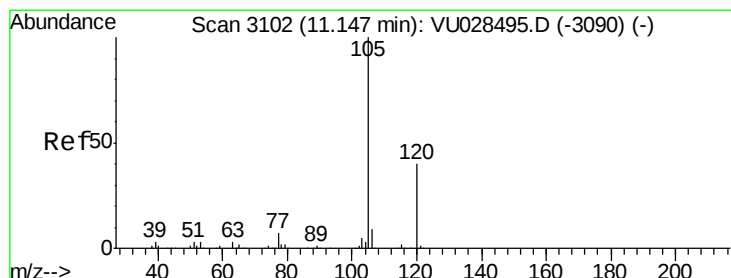
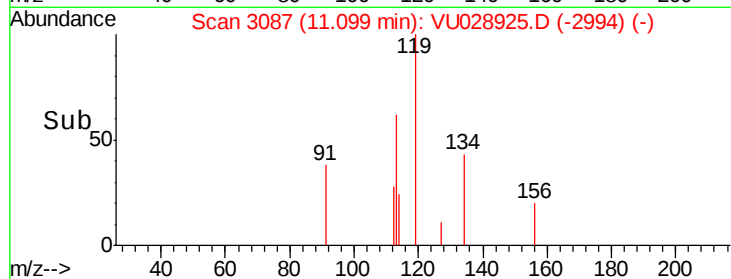
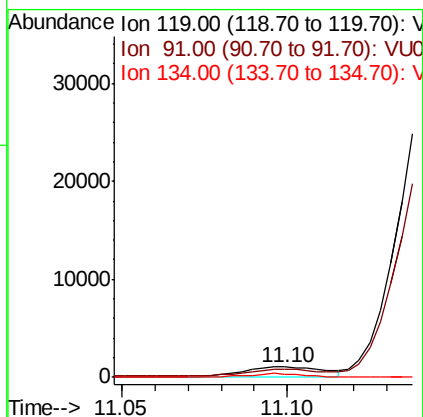
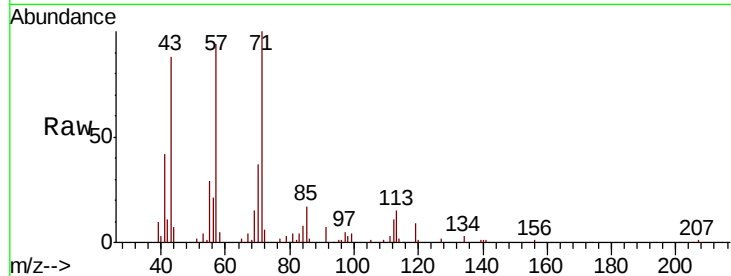




#83
tert-Butylbenzene
Concen: 0.222 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

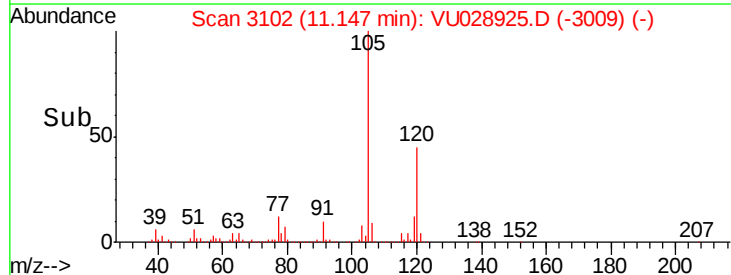
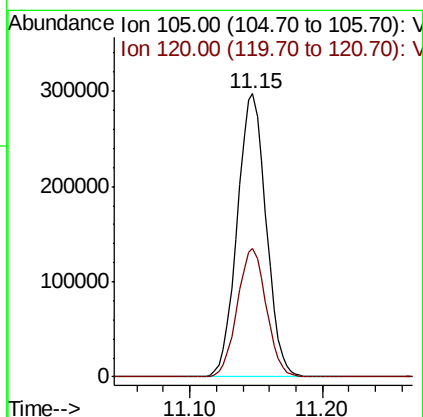
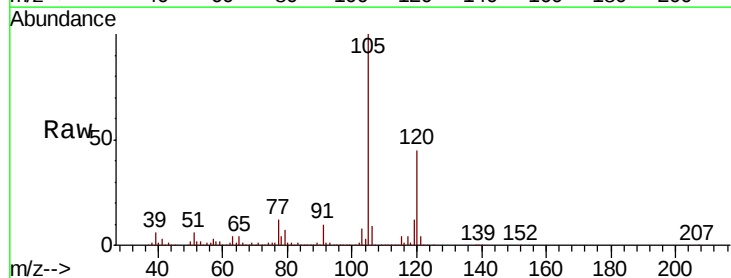
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01ME

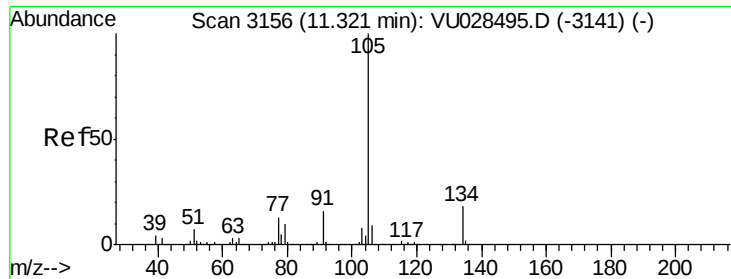
Tgt Ion:119 Resp: 1804
Ion Ratio Lower Upper
119 100
91 0.0 30.3 91.0#
134 24.6 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 51.801 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion:105 Resp: 449438
Ion Ratio Lower Upper
105 100
120 45.5 21.8 65.4

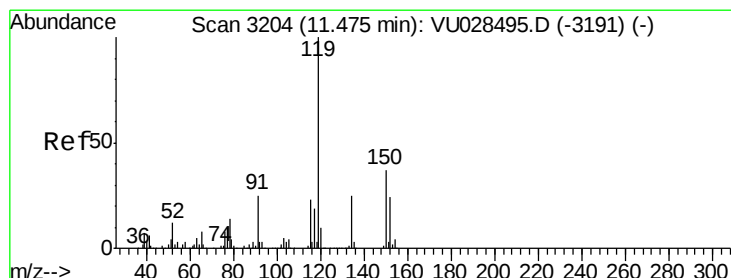
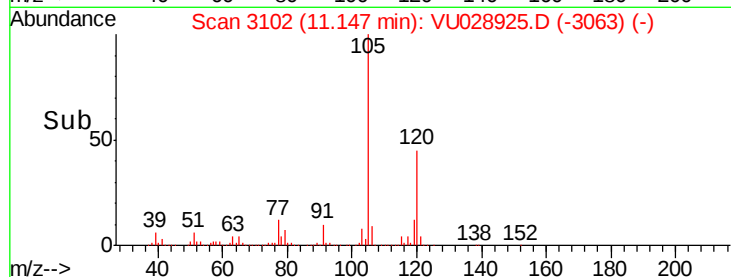
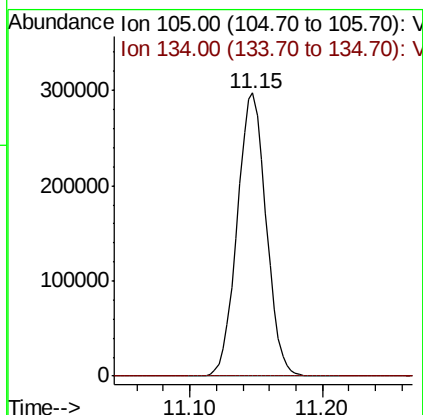
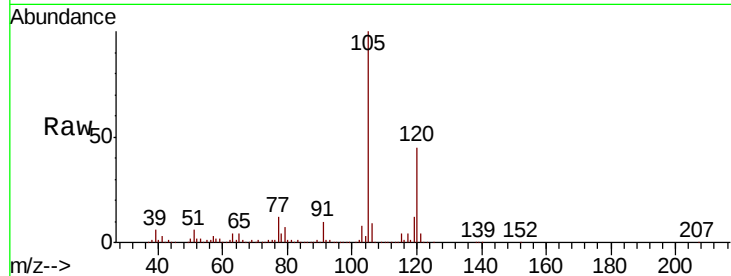




#85
 sec-Butylbenzene
 Concen: 43.113 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.17 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

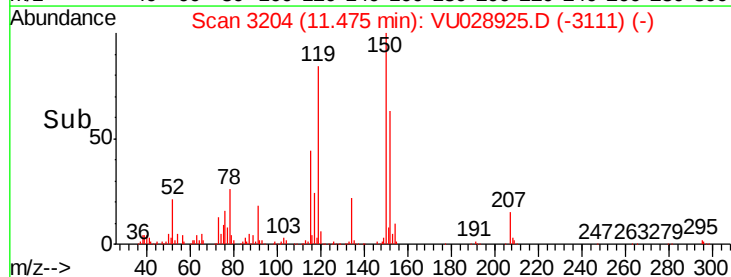
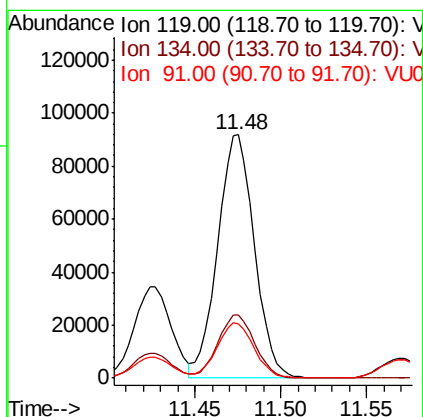
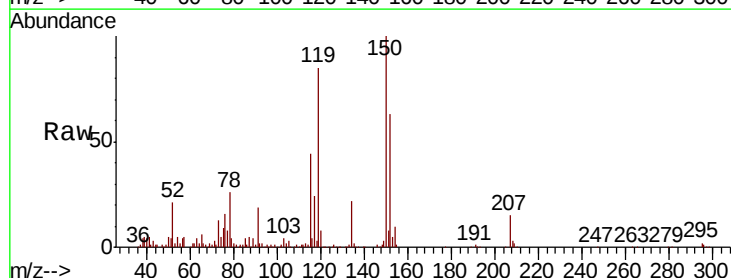
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-3036-01ME

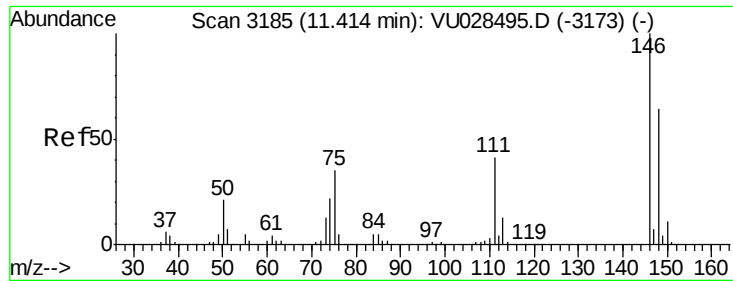
Tgt Ion:105 Resp: 449438
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#



#86
 p-Isopropyltoluene
 Concen: 15.496 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

Tgt Ion:119 Resp: 137220
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.1
 91 22.6 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 2.666 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-3036-01ME

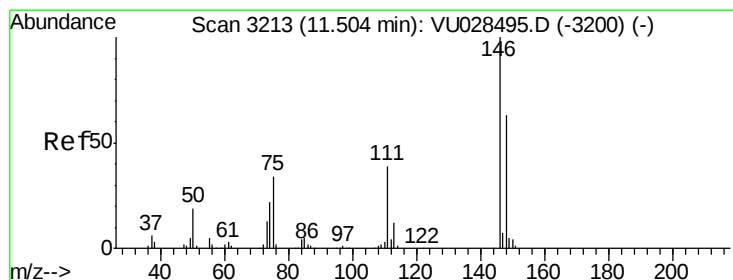
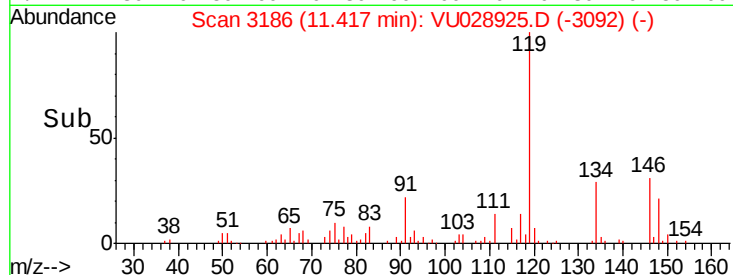
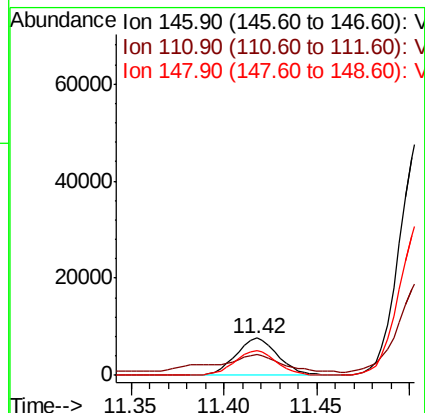
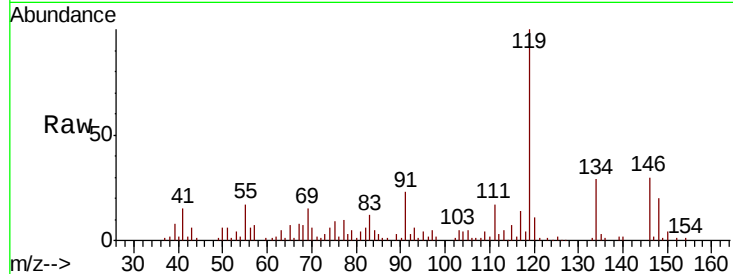
Tgt Ion:146 Resp: 11972

Ion Ratio Lower Upper

146 100

111 49.4 20.7 62.1

148 66.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 17.303 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028925.D

Acq: 22 Dec 2018 19:26

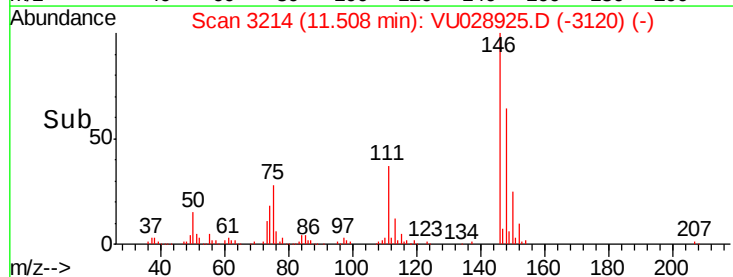
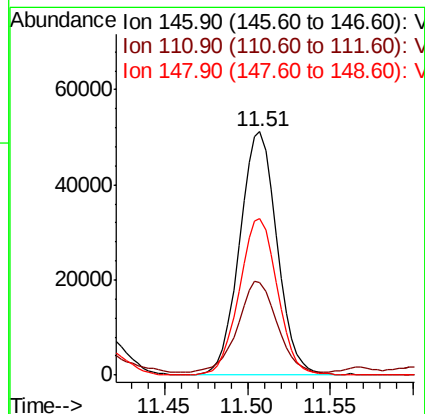
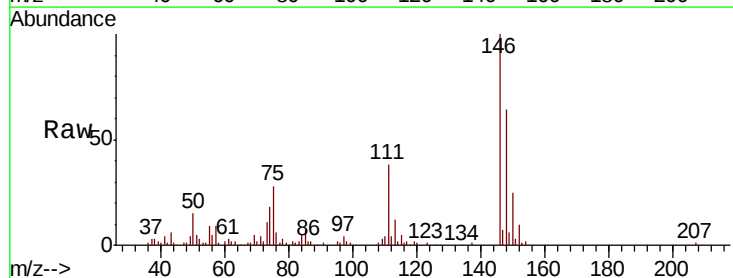
Tgt Ion:146 Resp: 80406

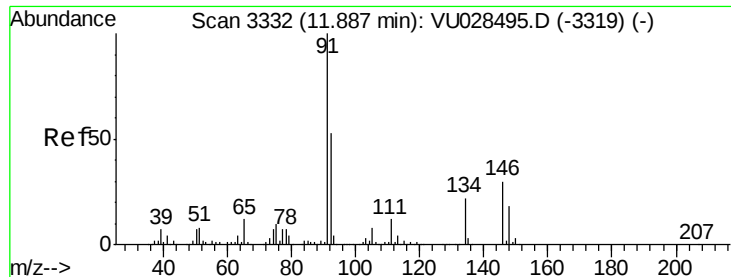
Ion Ratio Lower Upper

146 100

111 38.8 20.2 60.5

148 65.7 31.6 95.0

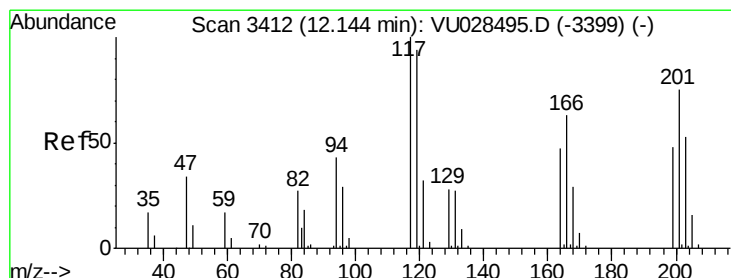
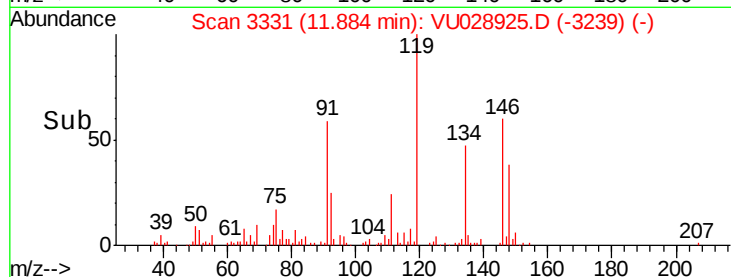
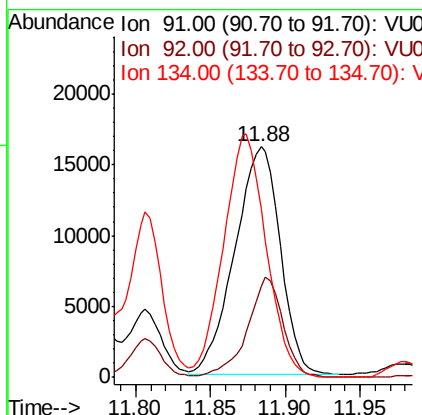
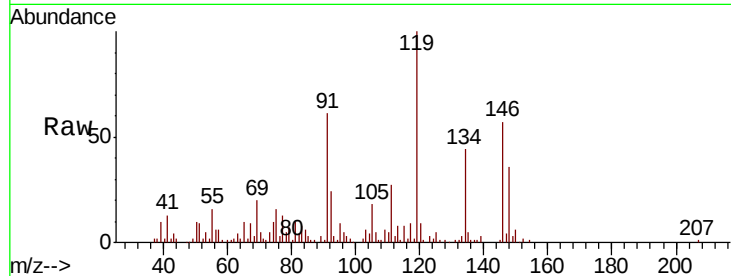




#89
n-Butylbenzene
Concen: 3.784 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

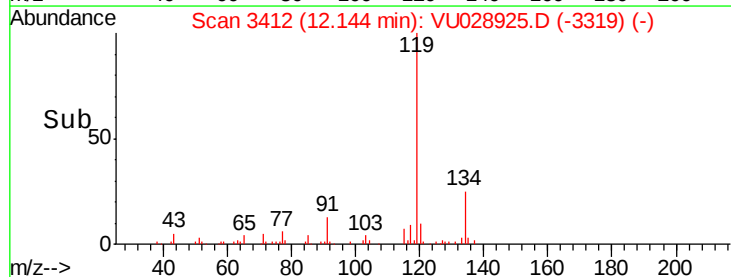
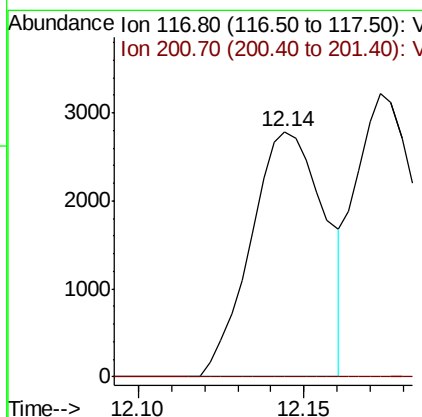
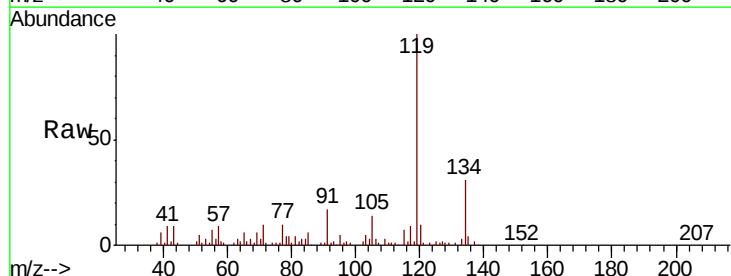
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-3036-01ME

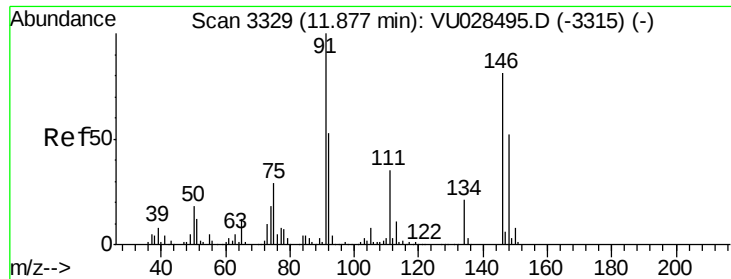
Tgt Ion: 91 Resp: 33912
Ion Ratio Lower Upper
91 100
92 34.8 26.3 78.9
134 100.3 11.3 33.8#



#90
Hexachloroethane
Concen: 3.241 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU028925.D
Acq: 22 Dec 2018 19:26

Tgt Ion: 117 Resp: 4338
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#

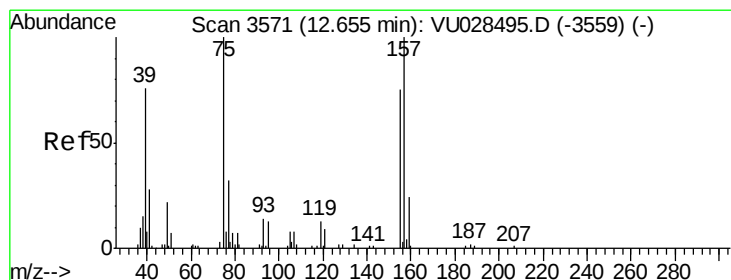
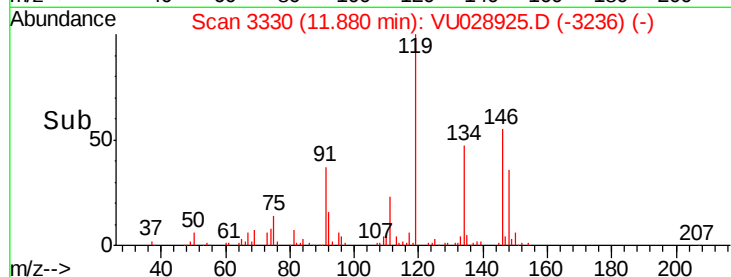
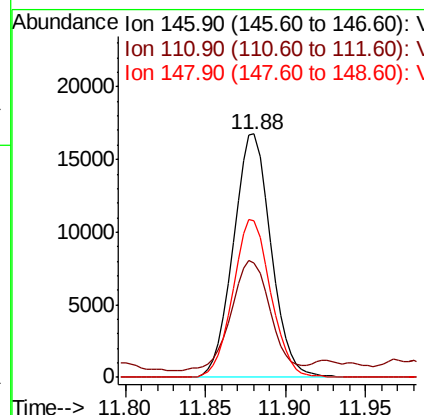
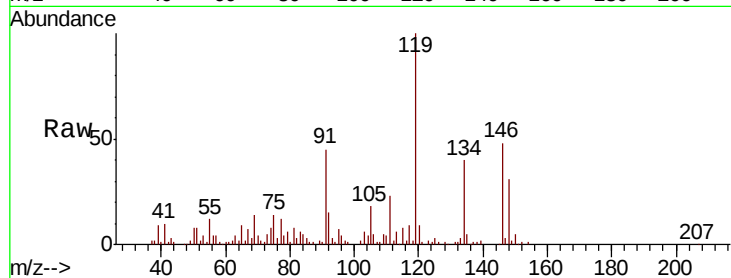




#91
 1,2-Dichlorobenzene
 Concen: 5.985 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

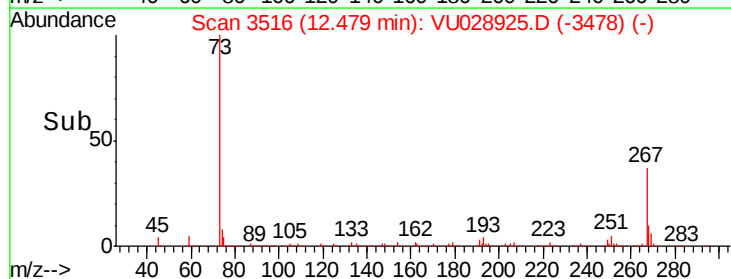
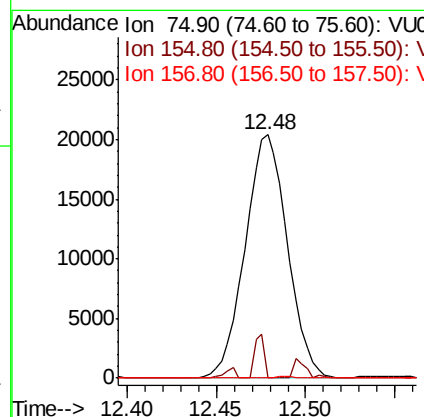
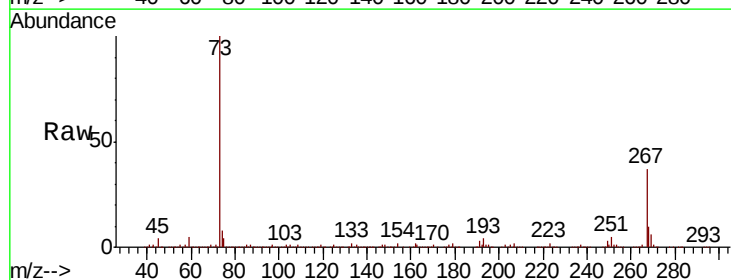
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-3036-01ME

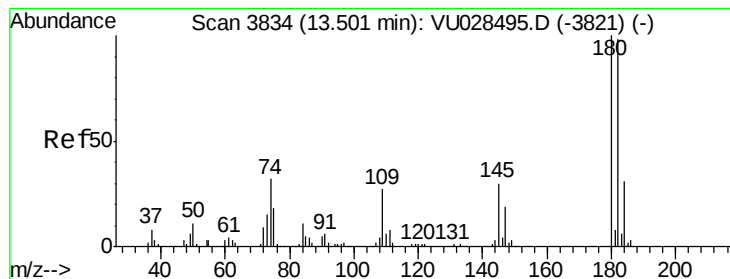
Tgt Ion: 146 Resp: 26888
 Ion Ratio Lower Upper
 146 100
 111 46.4 21.1 63.4
 148 64.9 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.834 ug/l
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

Tgt Ion: 75 Resp: 33693
 Ion Ratio Lower Upper
 75 100
 155 4.0 38.1 114.5#
 157 0.0 48.7 146.1#

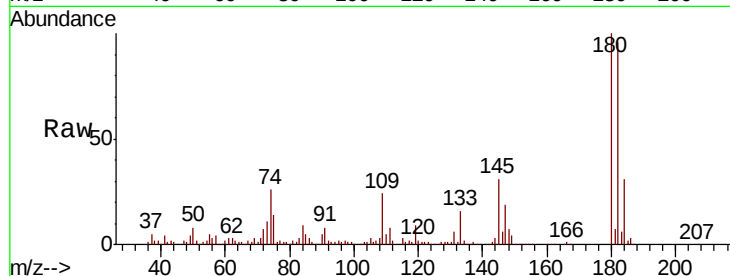




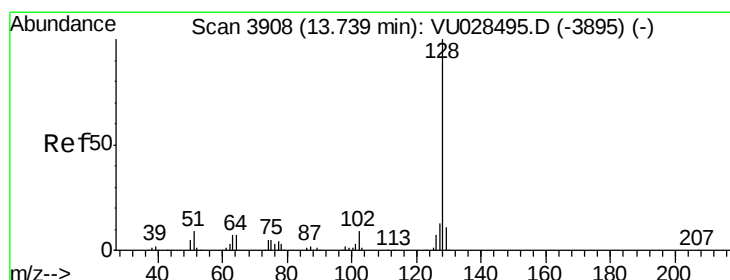
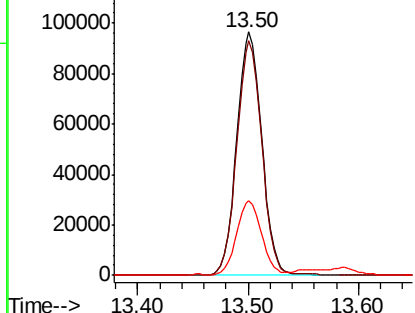
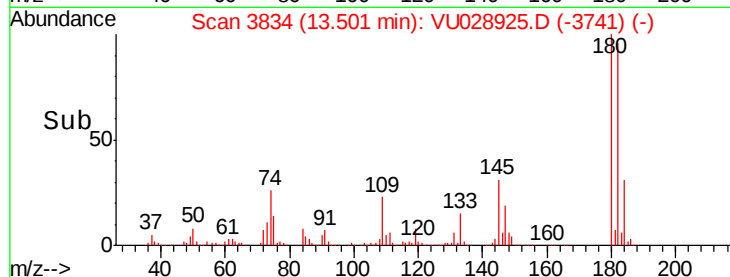
#93
 1,2,4-Trichlorobenzene
 Concen: 49.333 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

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

Tgt Ion:180 Resp: 152266
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.8
 145 29.9 15.0 45.1

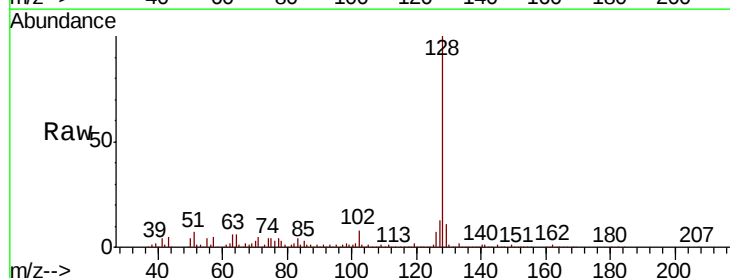


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

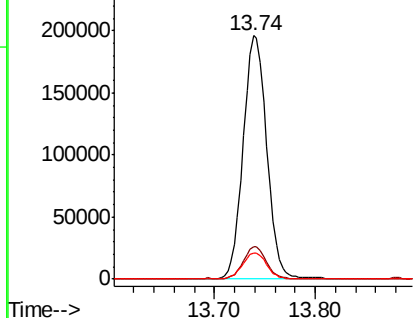
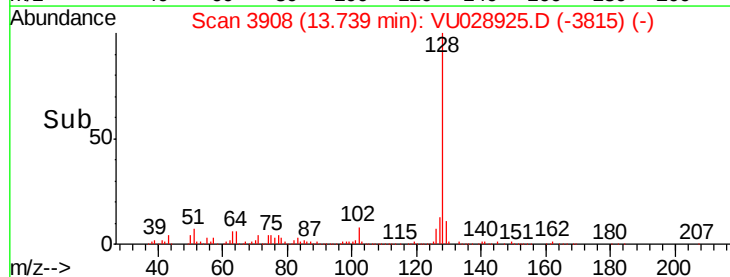


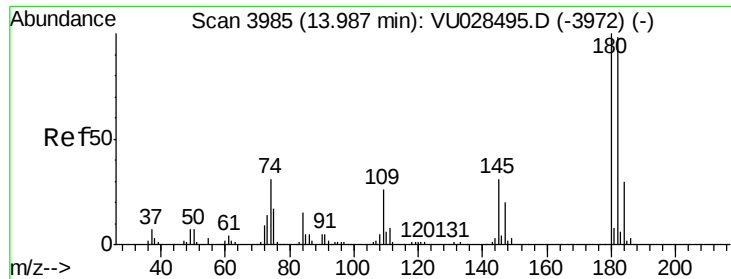
#95
 Naphthalene
 Concen: 29.349 ug/l
 RT: 13.74 min Scan# 3908
 Delta R.T. -0.00 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

Tgt Ion:128 Resp: 316408
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.4 15.6
 129 10.9 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

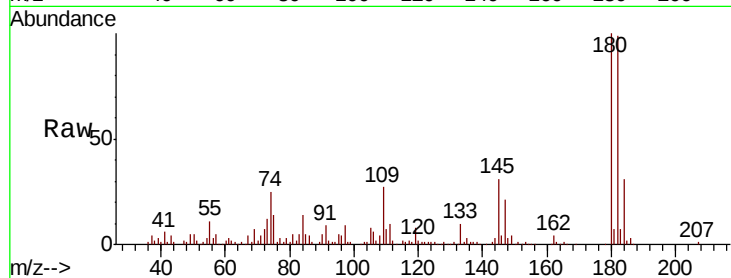




#96
 1,2,3-Trichlorobenzene
 Concen: 27.352 ug/l
 RT: 13.98 min Scan# 3984
 Delta R.T. -0.00 min
 Lab File: VU028925.D
 Acq: 22 Dec 2018 19:26

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

Tgt Ion	Resp	Lower	Upper
180	83837		
182	95.5	48.2	144.6
145	39.9	15.8	47.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

