

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028917.D
 Acq On : 22 Dec 2018 16:12
 Operator : MD/SY
 Sample : J6426-16ME 20X
 Misc : 5.60g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-3036-01ME

Quant Time: Dec 24 04:46:41 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	173311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	281314	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	121866	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	99131	37.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.96%	
35) Dibromofluoromethane	4.88	113	85850	48.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.98%	
50) Toluene-d8	7.57	98	355128	50.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	10.30	95	123143	47.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1663	0.389	ug/l	95
11) Tert butyl alcohol	2.83	59	1245	2.113	ug/l #	73
14) Allyl chloride	2.74	41	10293	2.255	ug/l #	61
15) Acrylonitrile	2.99	53	1037	0.634	ug/l #	32
18) Methyl Acetate	2.62	43	951	0.213	ug/l	93
20) Methylene Chloride	2.70	84	962	0.378	ug/l #	73
23) Vinyl Acetate	3.30	43	40345	5.510	ug/l #	40
27) cis-1,2-Dichloroethene	4.22	96	2491	1.013	ug/l	79
31) Cyclohexane	4.98	56	10573	1.162	ug/l #	58
36) 1,1-Dichloropropene	4.98	75	12086	3.926	ug/l #	50
38) Carbon Tetrachloride	4.98	117	14812	5.970	ug/l #	16
39) Methylcyclohexane	6.41	83	16475	4.387	ug/l	89
51) 4-Methyl-2-Pentanone	7.34	43	5812	1.464	ug/l #	37
52) Toluene	7.64	92	6060617	1135.832	ug/l	96
53) t-1,3-Dichloropropene	7.64	75	63466	18.103	ug/l #	1
55) 1,1,2-Trichloroethane	8.04	97	1806	0.856	ug/l #	14
59) 2-Hexanone	8.33	43	3518	1.118	ug/l #	26
65) Chlorobenzene	9.12	112	1798	0.324	ug/l #	86
67) Ethyl Benzene	9.25	91	1328846	130.420	ug/l	97
68) m/p-Xylenes	9.38	106	3077213	829.999	ug/l	94
69) o-Xylene	9.78	106	769033	213.446	ug/l	95
70) Styrene	9.78	104	38413	6.442	ug/l #	1
73) Isopropylbenzene	10.16	105	25827	2.762	ug/l	100
74) N-aryl acetate	10.04	43	2658	0.493	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.49	83	2766	0.770	ug/l #	25
76) 1,2,3-Trichloropropane	10.61	75	8309	2.670	ug/l	81
78) n-propylbenzene	10.59	91	47306	4.071	ug/l	92
79) 2-Chlorotoluene	10.68	91	17699	2.644	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	59331	7.665	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.61	75	8309	7.020	ug/l #	100
82) 4-Chlorotoluene	10.77	91	5905	0.744	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.15	105	166681	20.894	ug/l	97
85) sec-Butylbenzene	11.32	105	7814	0.815	ug/l	98
86) p-Isopropyltoluene	11.48	119	25944	3.186	ug/l	98

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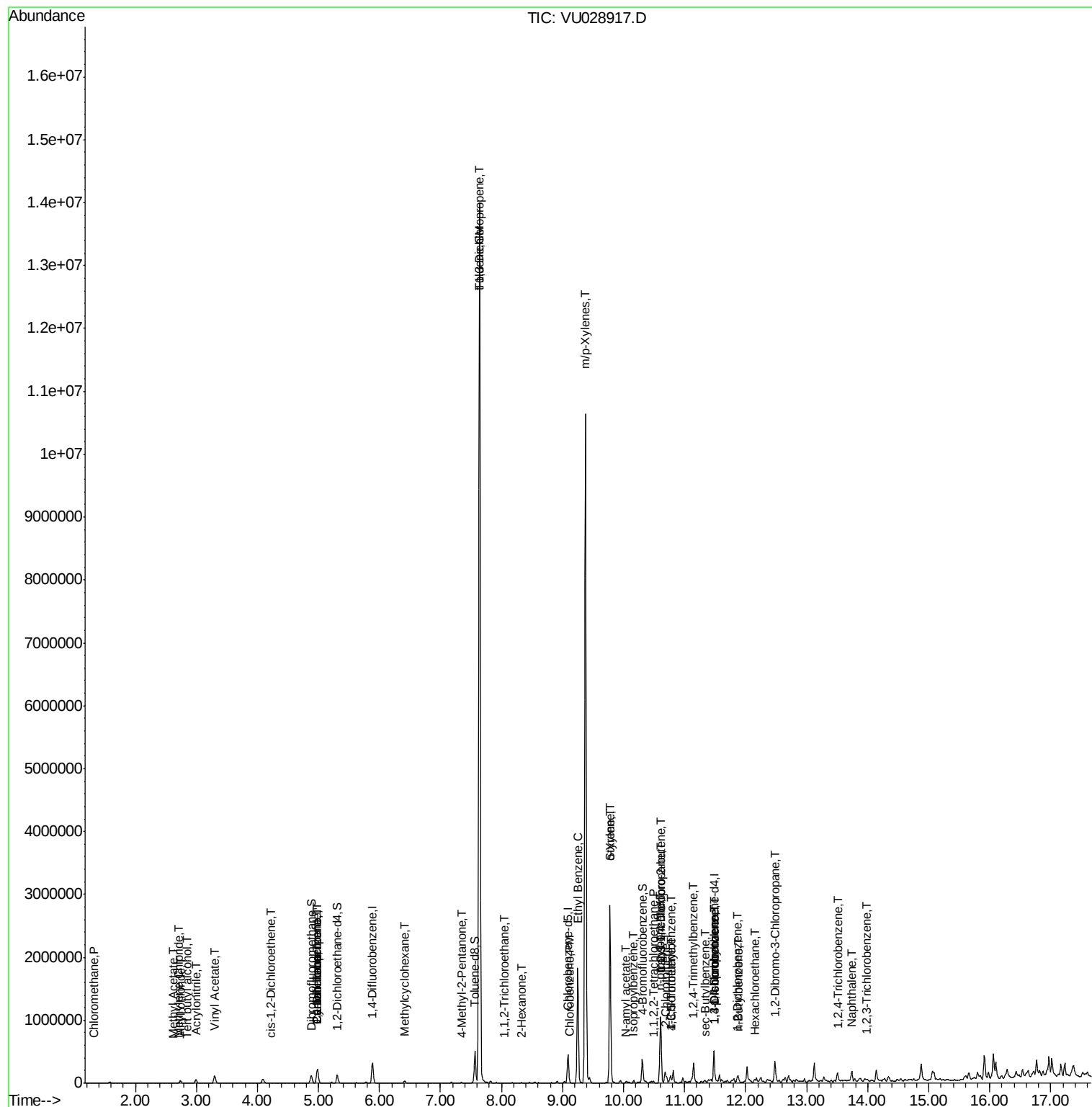
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	11.50	146	5038	1.220	ug/l	93
88) 1,4-Dichlorobenzene	11.50	146	5038	1.179	ug/l	92
89) n-Butylbenzene	11.88	91	18223	2.212	ug/l #	24
90) Hexachloroethane	12.15	117	1900	1.544	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	2296	0.556	ug/l #	82
92) 1,2-Dibromo-3-Chloropropan	12.48	75	9653	12.412	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.50	180	31311	11.688	ug/l	98
95) Naphthalene	13.74	128	107658	10.861	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	7377	2.750	ug/l #	79

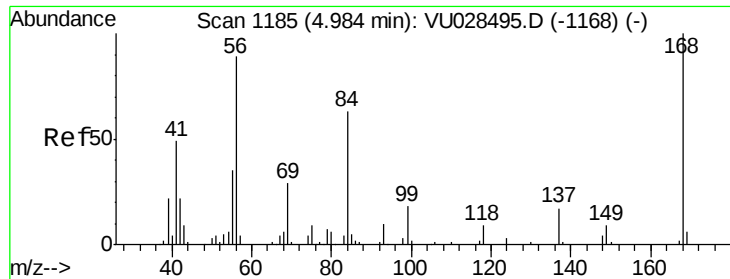
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

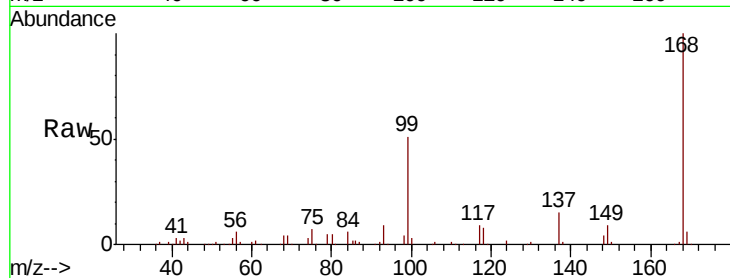
P001-SS013C-3036-01ME

Tgt Ion: 168 Resp: 173311

Ion Ratio Lower Upper

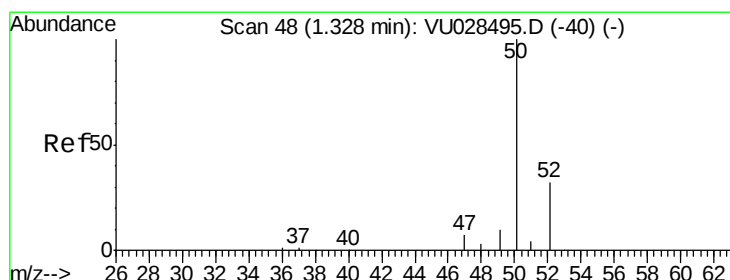
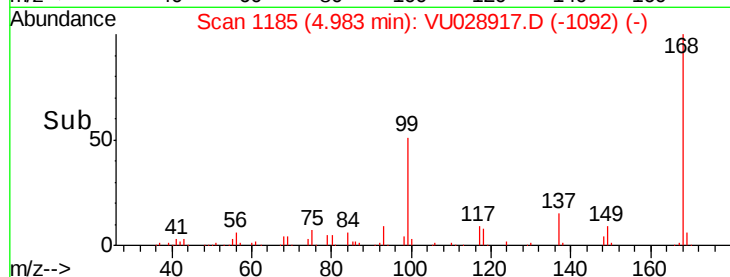
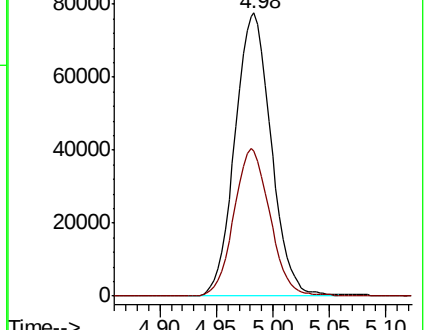
168 100

99 51.2 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: 0.389 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028917.D

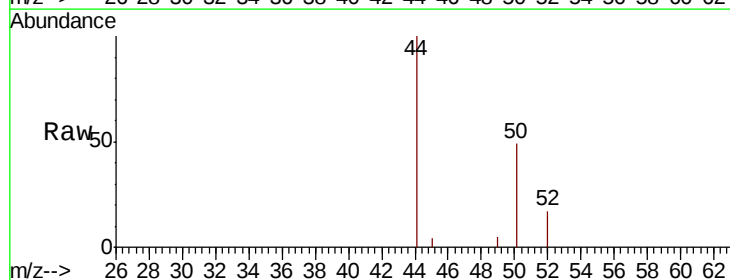
Acq: 22 Dec 2018 16:12

Tgt Ion: 50 Resp: 1663

Ion Ratio Lower Upper

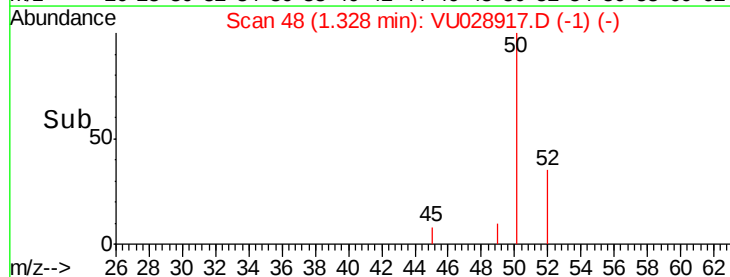
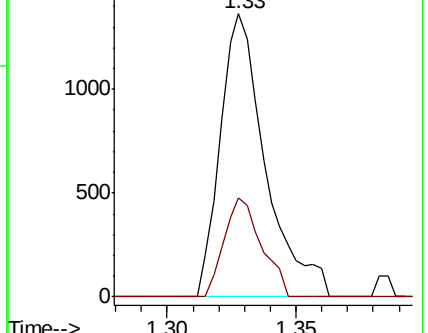
50 100

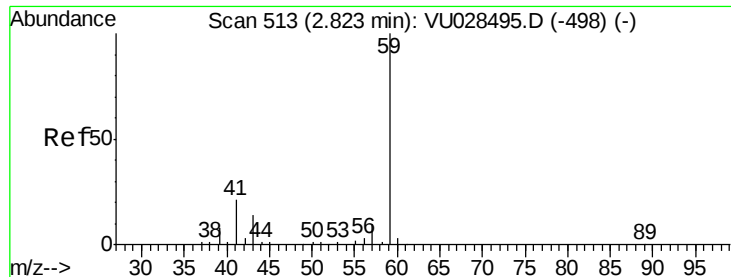
52 34.9 25.5 38.3



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

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

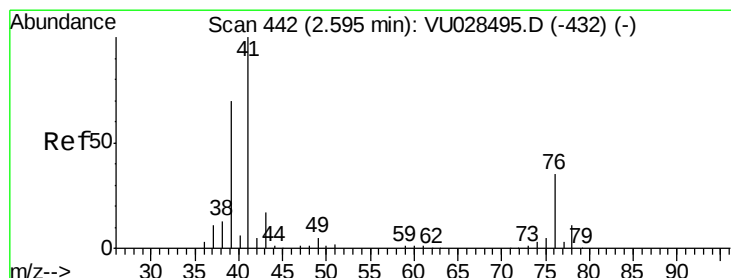
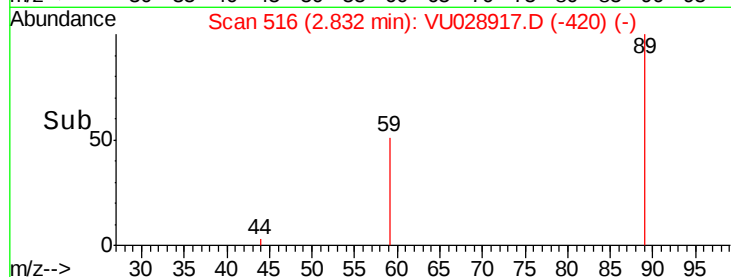
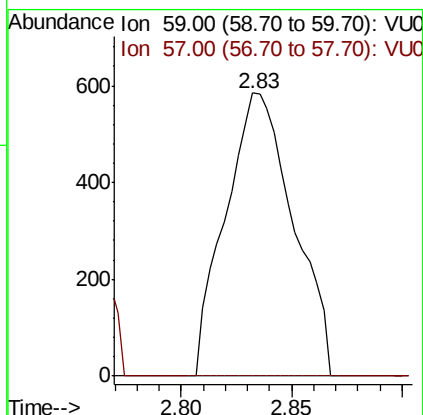
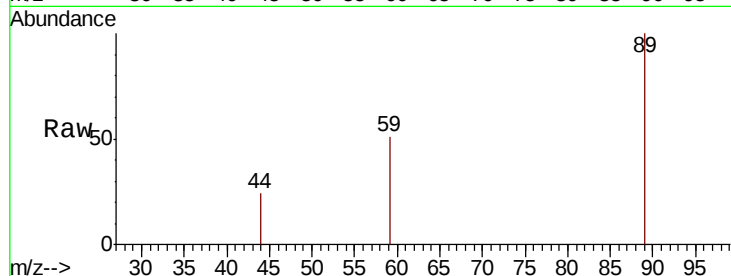




#11
Tert butyl alcohol
Concen: 2.113 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

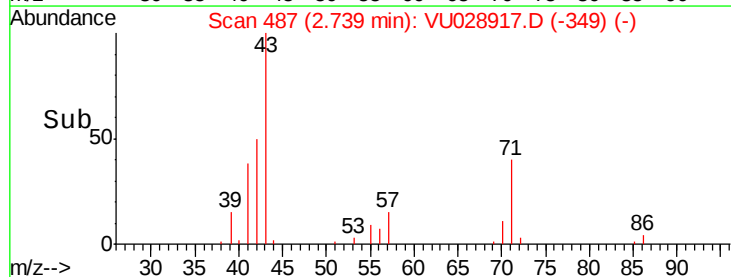
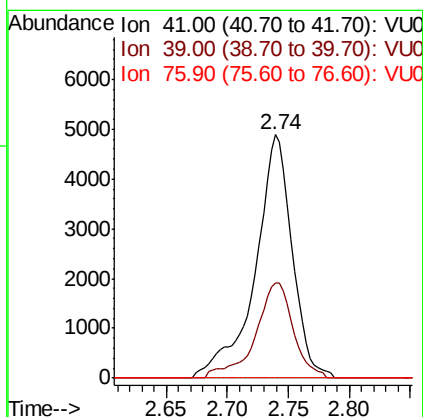
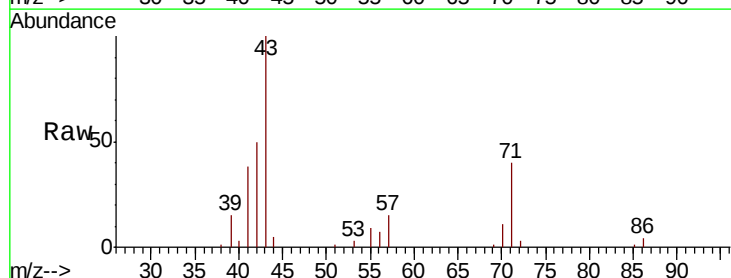
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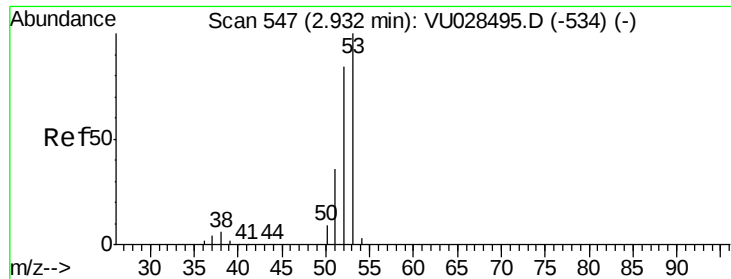
Tgt Ion: 59 Resp: 1245
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#14
Allyl chloride
Concen: 2.255 ug/l
RT: 2.74 min Scan# 487
Delta R.T. 0.14 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 41 Resp: 10293
Ion Ratio Lower Upper
41 100
39 40.1 50.8 76.2#
76 0.0 24.8 37.2#





#15

Acrylonitrile

Concen: 0.634 ug/l

RT: 2.99 min Scan# 566

Delta R.T. 0.06 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-3036-01ME

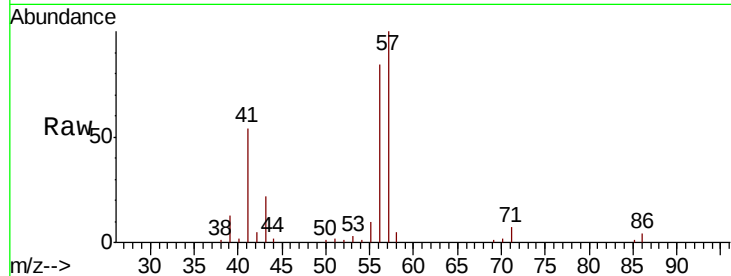
Tgt Ion: 53 Resp: 1037

Ion Ratio Lower Upper

53 100

52 9.1 66.1 99.1#

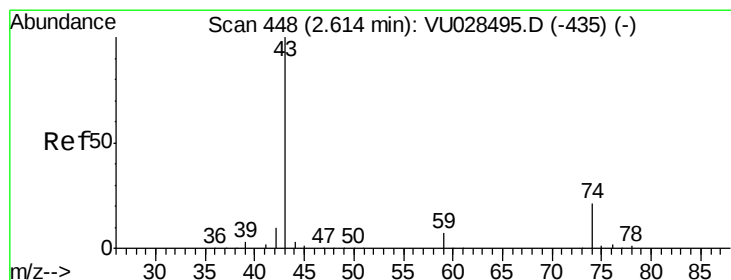
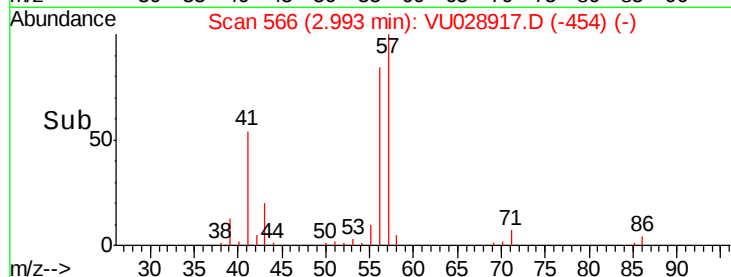
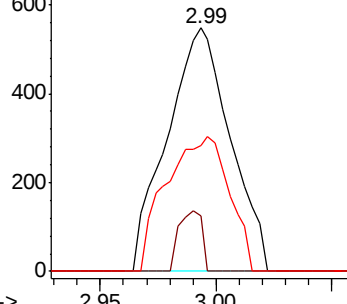
51 55.4 28.1 42.1#



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#18

Methyl Acetate

Concen: 0.213 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028917.D

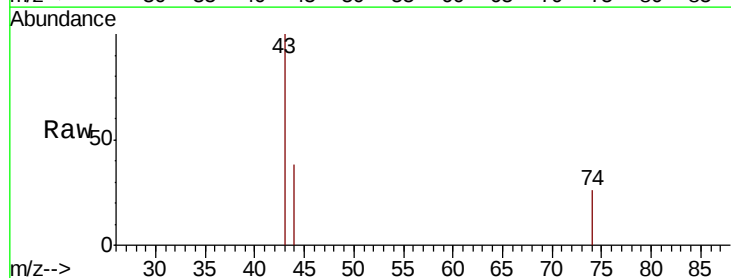
Acq: 22 Dec 2018 16:12

Tgt Ion: 43 Resp: 951

Ion Ratio Lower Upper

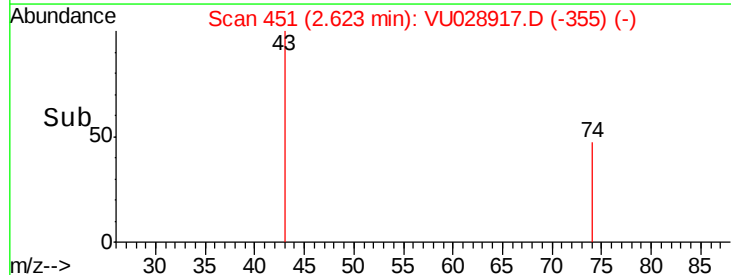
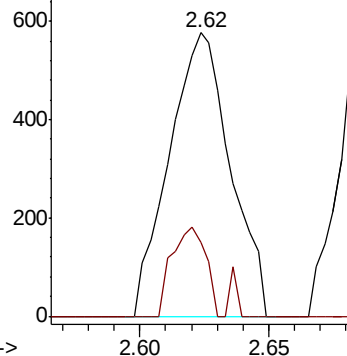
43 100

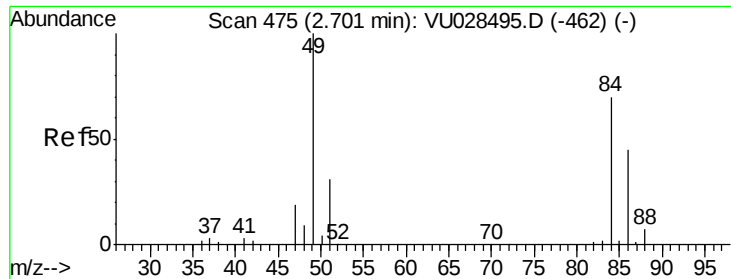
74 17.4 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

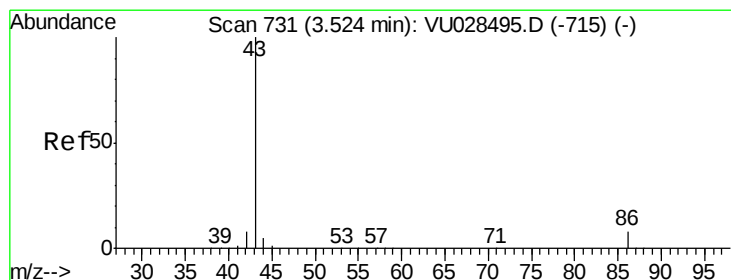
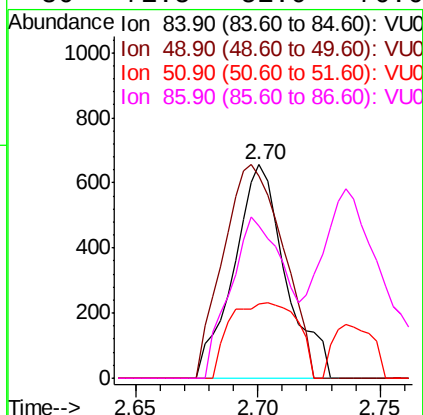
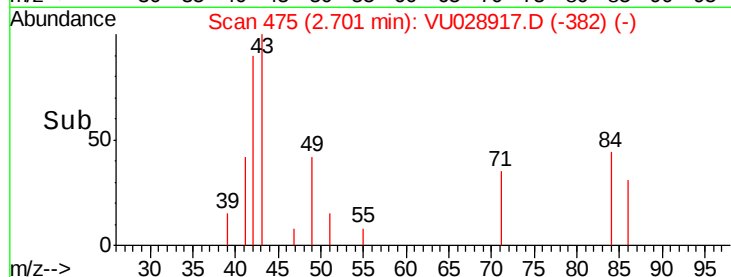
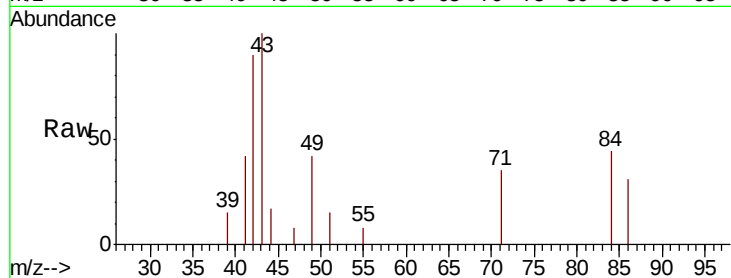




#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

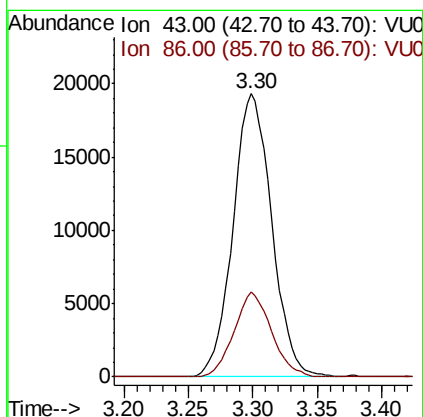
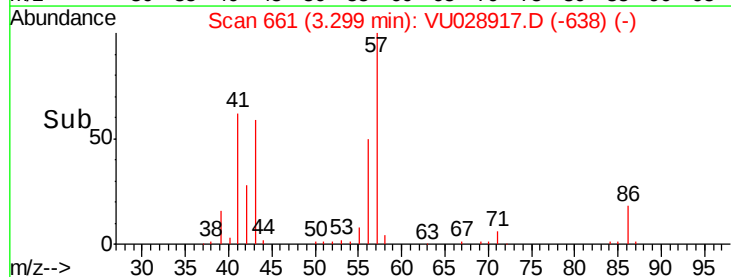
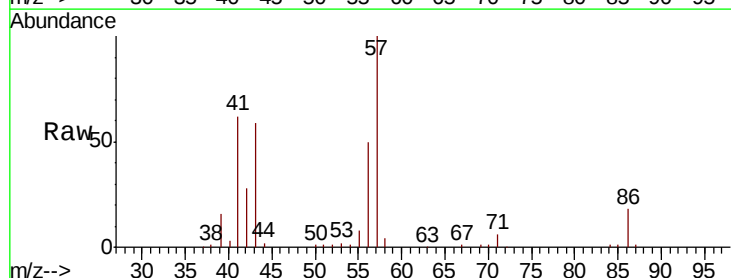
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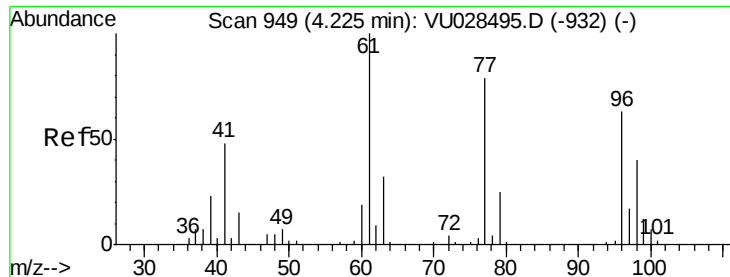
Tgt Ion: 84 Resp: 962
Ion Ratio Lower Upper
84 100
49 95.0 114.0 171.0#
51 34.8 35.1 52.7#
86 71.5 51.0 76.6



#23
Vinyl Acetate
Concen: 5.510 ug/l
RT: 3.30 min Scan# 661
Delta R.T. -0.23 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 43 Resp: 40345
Ion Ratio Lower Upper
43 100
86 30.1 6.8 10.2#



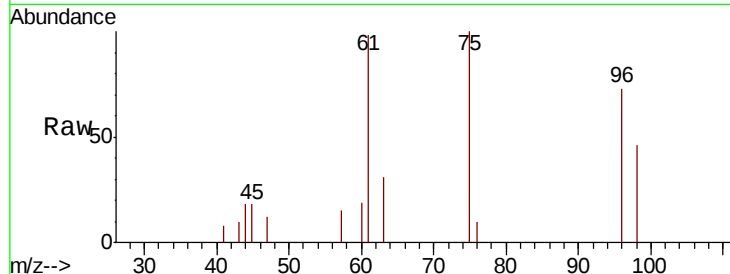


#27

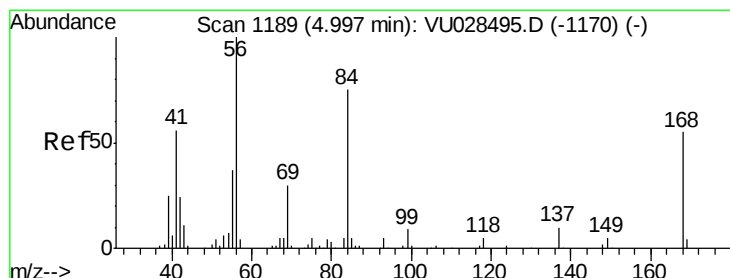
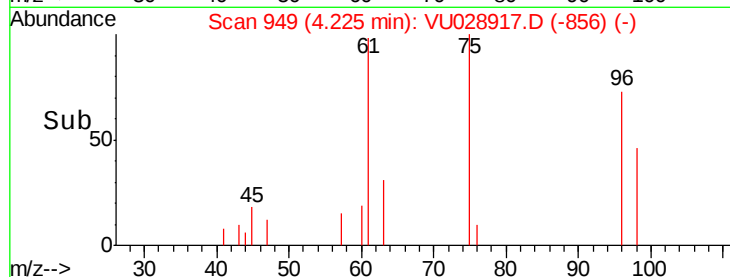
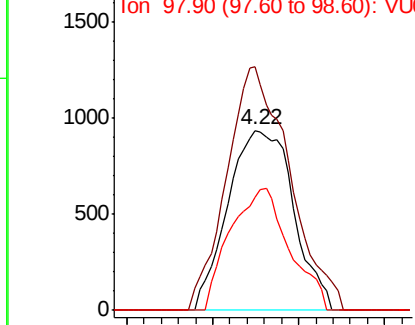
cis-1,2-Dichloroethene
 Concen: 1.013 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Instrument :
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Tgt Ion: 96 Resp: 2491
 Ion Ratio Lower Upper
 96 100
 61 129.7 0.0 332.4
 98 60.9 0.0 129.0



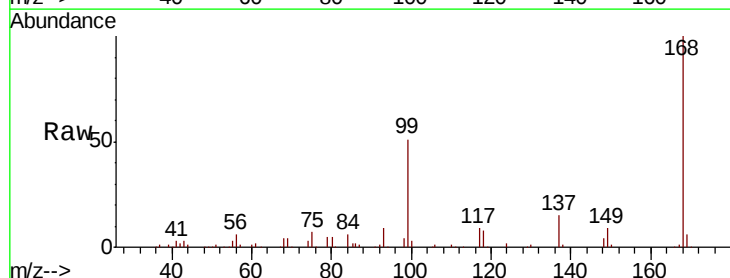
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



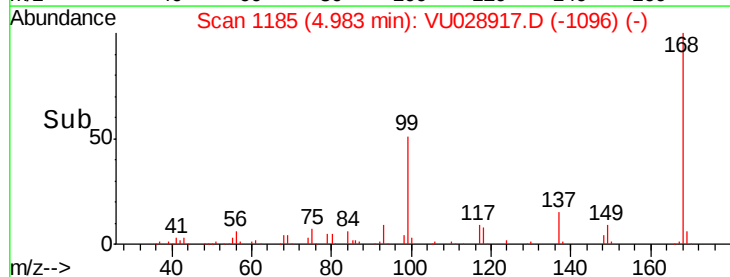
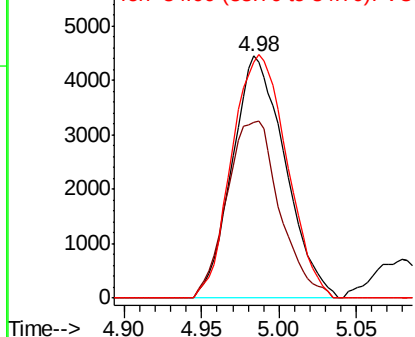
#31

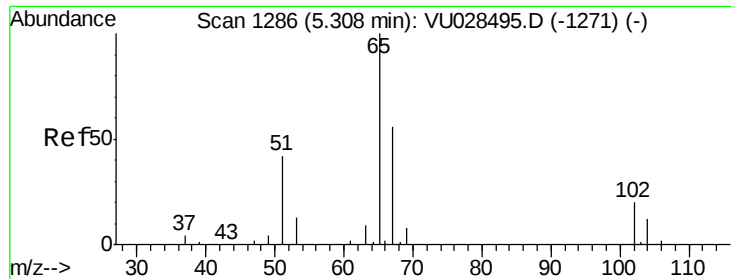
Cyclohexane
 Concen: 1.162 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Tgt Ion: 56 Resp: 10573
 Ion Ratio Lower Upper
 56 100
 69 72.6 24.0 36.0#
 84 97.7 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

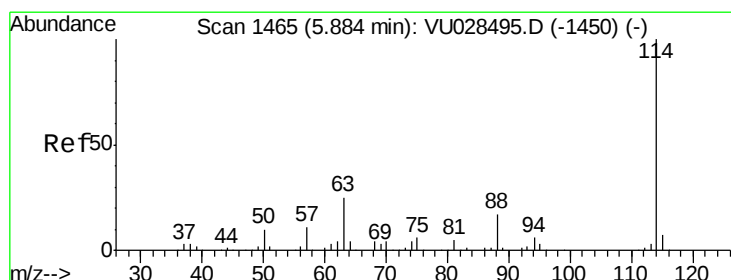
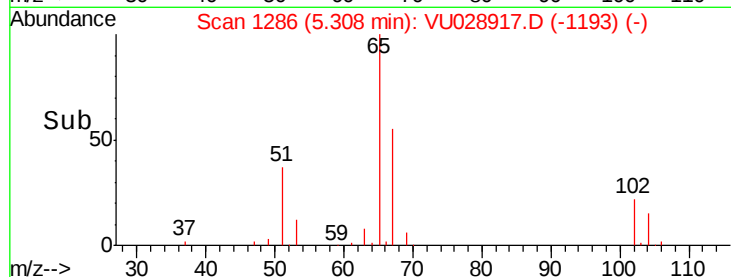
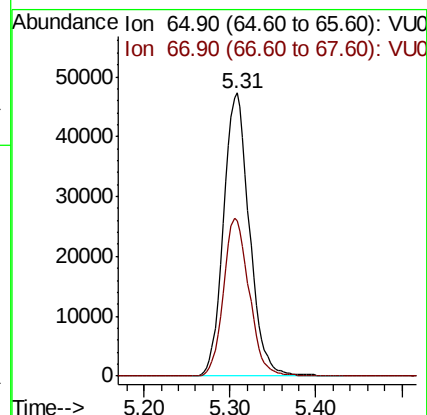
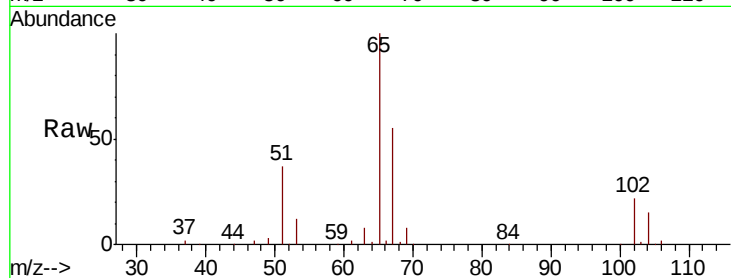




#33
 1,2-Dichloroethane-d4
 Concen: 37.481 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

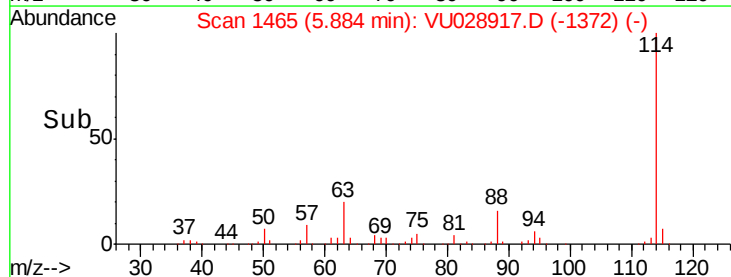
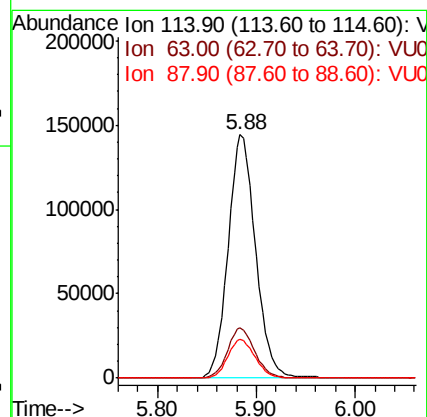
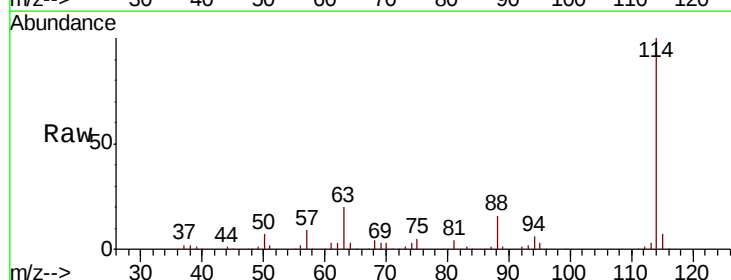
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-3036-01ME

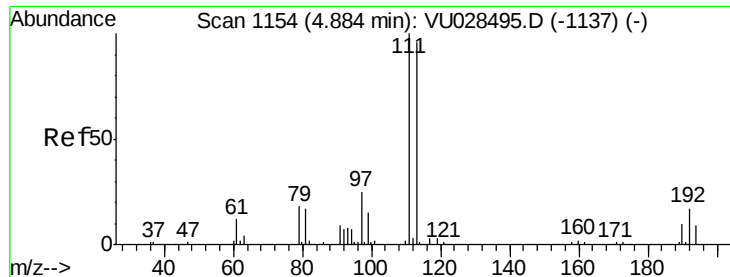
Tgt Ion: 65 Resp: 99131
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Tgt Ion: 114 Resp: 281314
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 49.2
 88 15.7 0.0 33.4

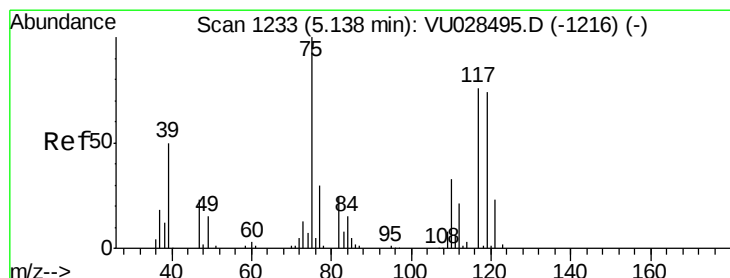
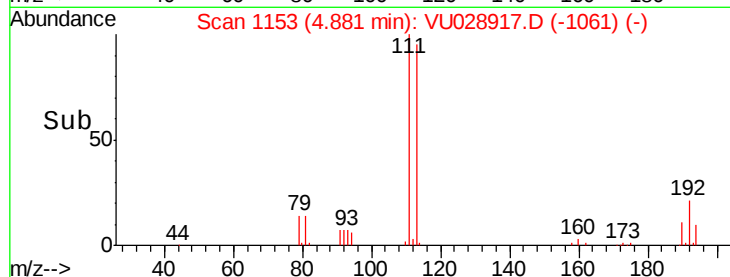
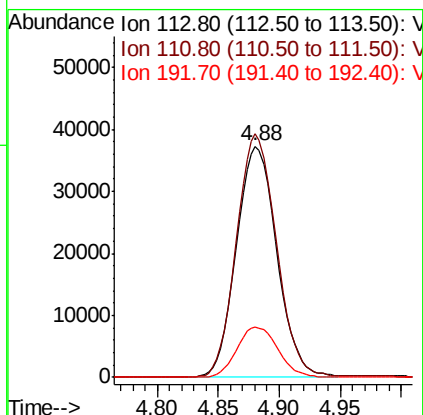
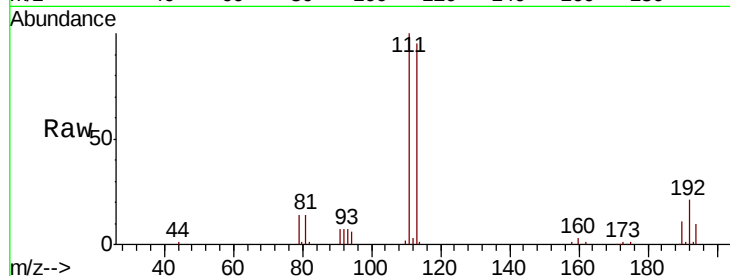




#35
 Dibromofluoromethane
 Concen: 48.494 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

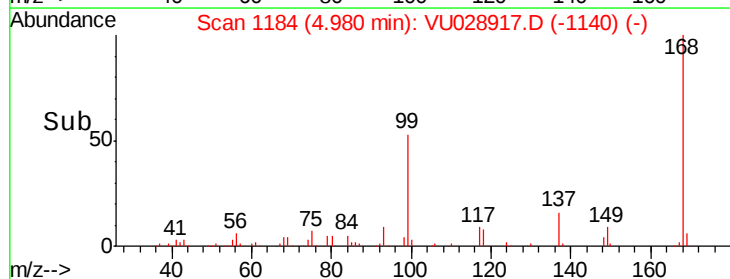
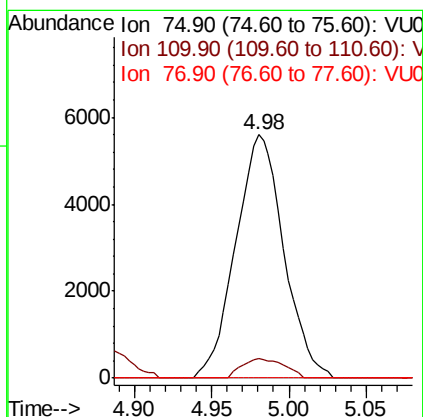
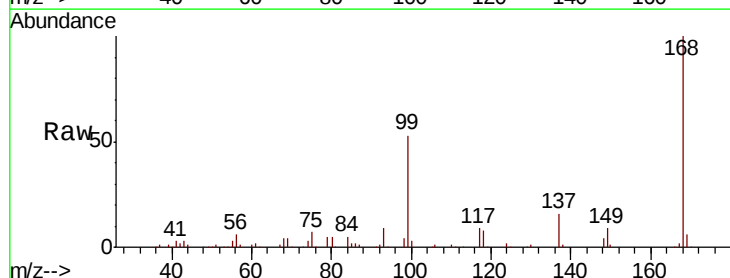
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-3036-01ME

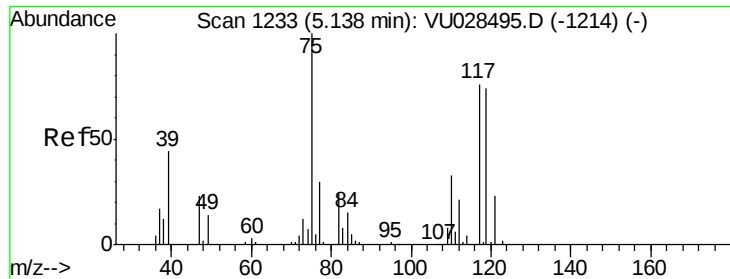
Tgt Ion: 113 Resp: 85850
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.0
 192 22.0 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 3.926 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Tgt Ion: 75 Resp: 12086
 Ion Ratio Lower Upper
 75 100
 110 6.9 16.1 48.2#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.970 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-3036-01ME

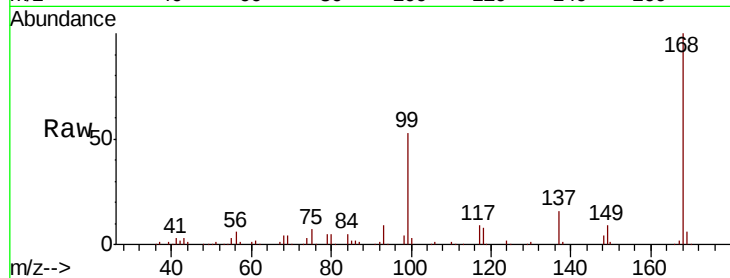
Tgt Ion:117 Resp: 14812

Ion Ratio Lower Upper

117 100

119 5.3 77.6 116.4#

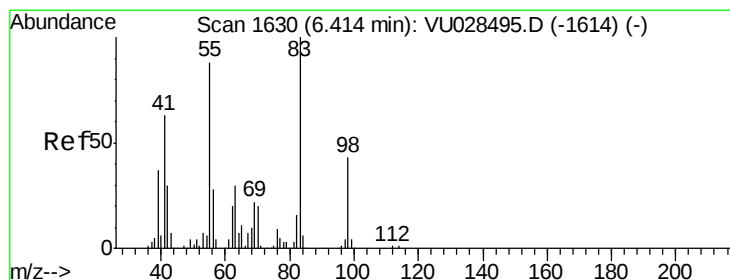
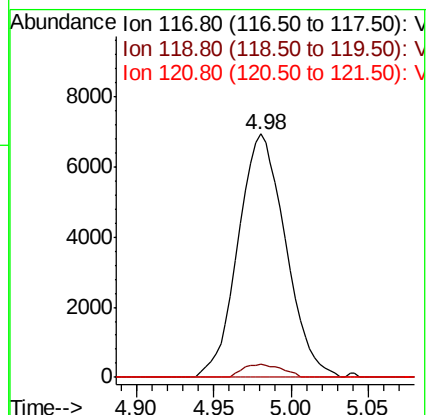
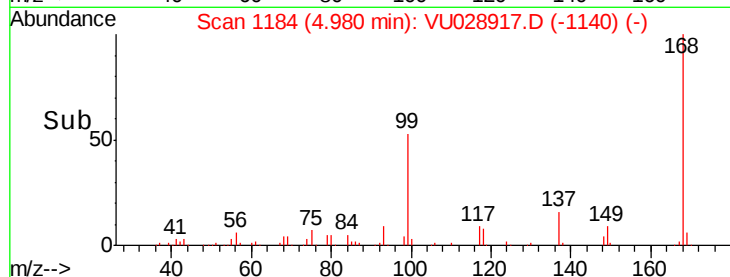
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 4.387 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

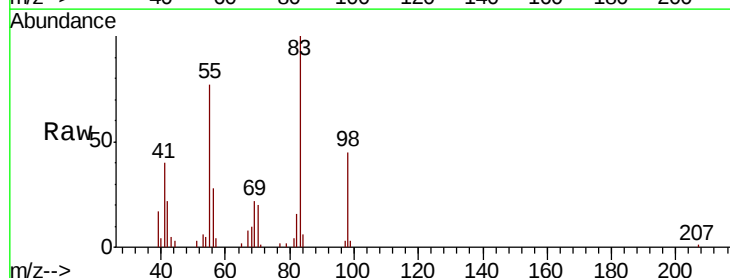
Tgt Ion: 83 Resp: 16475

Ion Ratio Lower Upper

83 100

55 74.9 70.2 105.2

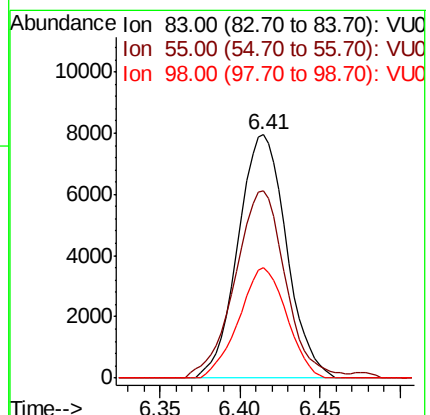
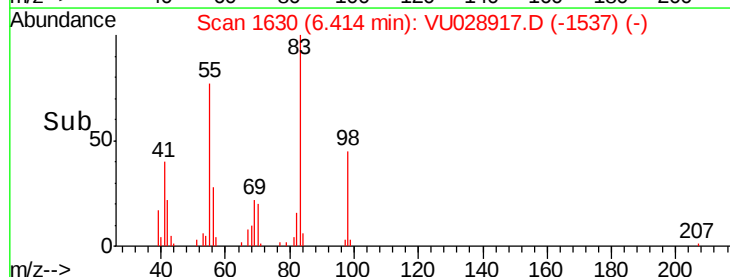
98 45.4 34.2 51.4

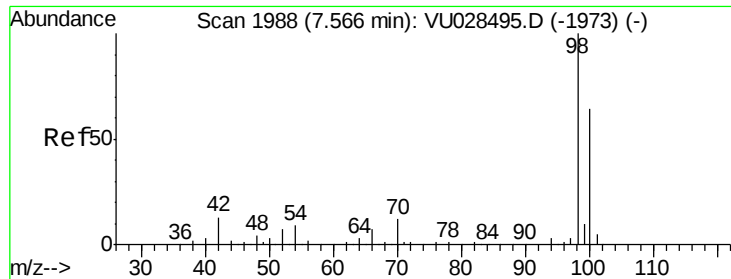


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#50

Toluene-d8

Concen: 50.710 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

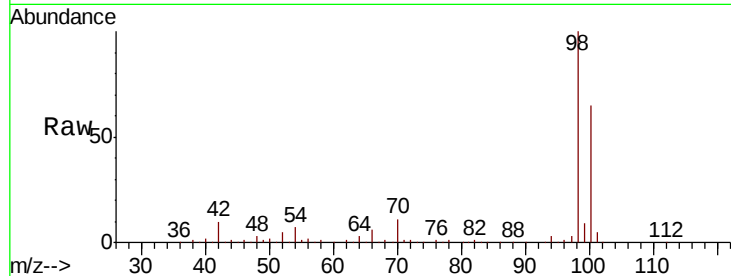
P001-SS013C-3036-01ME

Tgt Ion: 98 Resp: 355128

Ion Ratio Lower Upper

98 100

100 64.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028917.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU028917.D (-1895) (-)

7.57

200000

150000

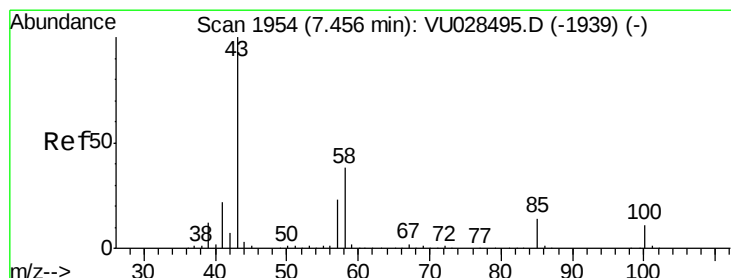
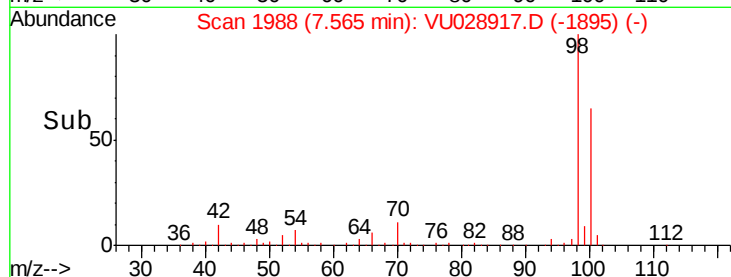
100000

50000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.464 ug/l

RT: 7.34 min Scan# 1918

Delta R.T. -0.12 min

Lab File: VU028917.D

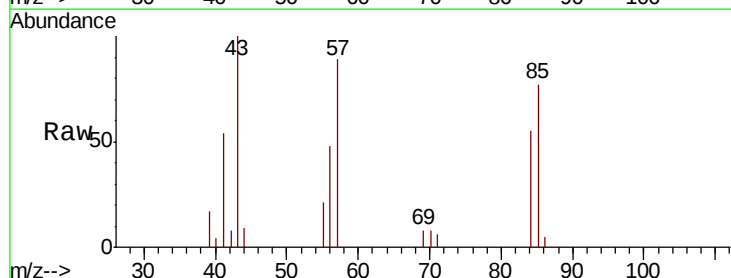
Acq: 22 Dec 2018 16:12

Tgt Ion: 43 Resp: 5812

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028917.D (-1861) (-)

Ion 58.00 (57.70 to 58.70): VU028917.D (-1861) (-)

7.34

2500

2000

1500

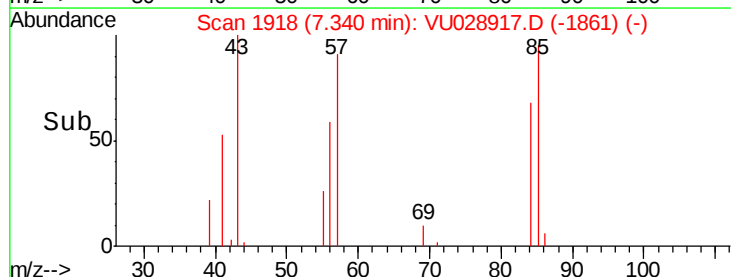
1000

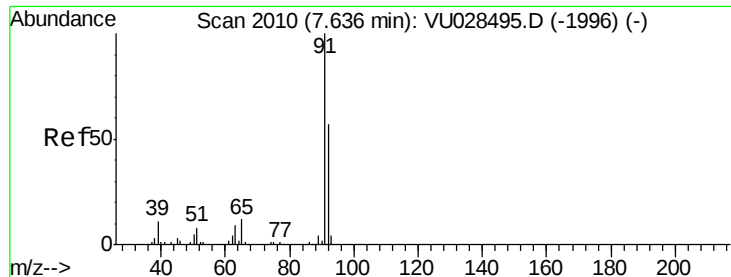
500

0

7.30 7.35 7.40

Time-->





#52

Toluene

Concen: 1135.832 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

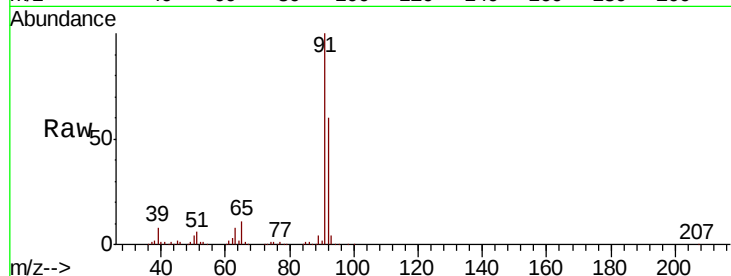
P001-SS013C-3036-01ME

Tgt Ion: 92 Resp: 6060617

Ion Ratio Lower Upper

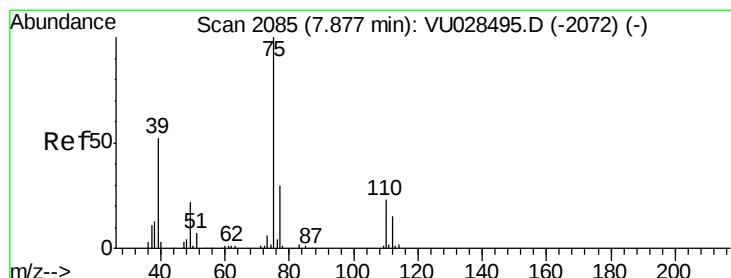
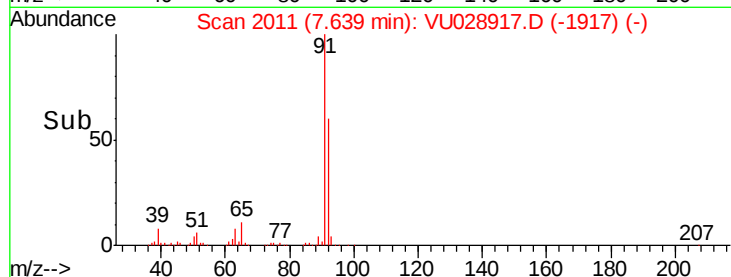
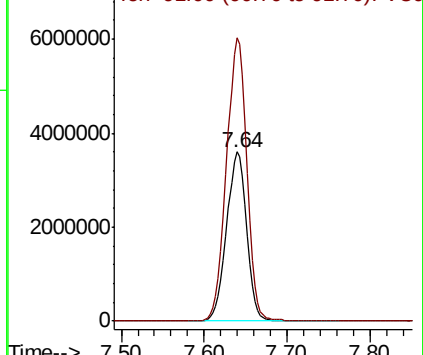
92 100

91 170.2 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#53

t-1,3-Dichloropropene

Concen: 18.103 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.24 min

Lab File: VU028917.D

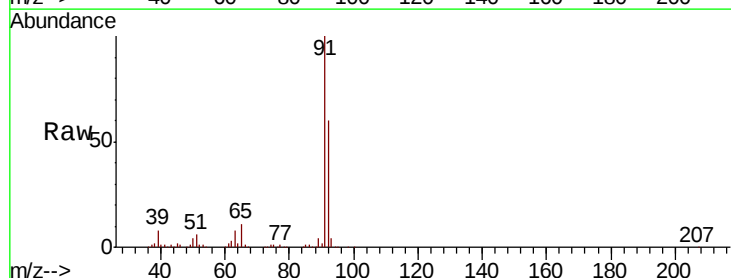
Acq: 22 Dec 2018 16:12

Tgt Ion: 75 Resp: 63466

Ion Ratio Lower Upper

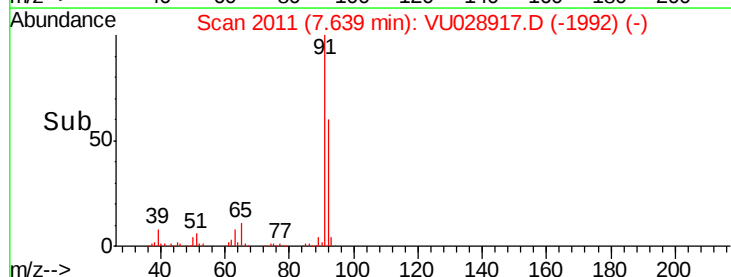
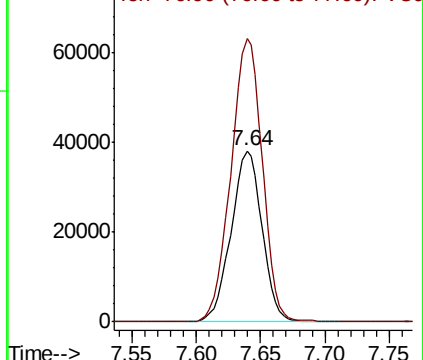
75 100

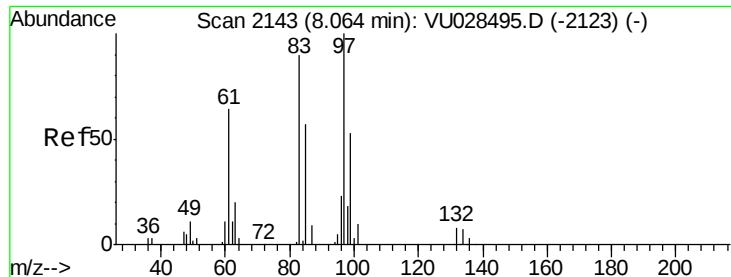
77 165.7 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

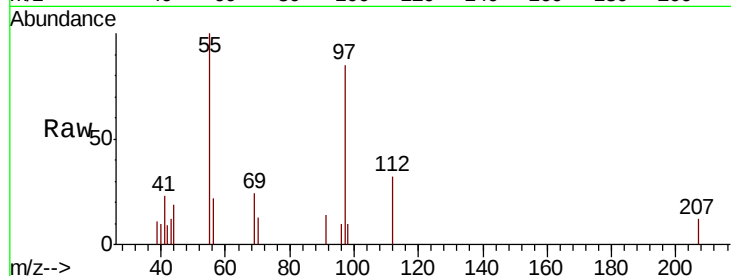




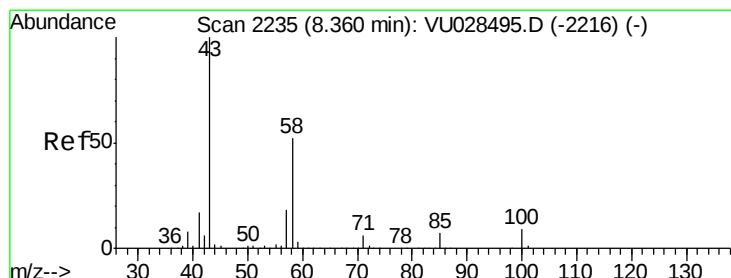
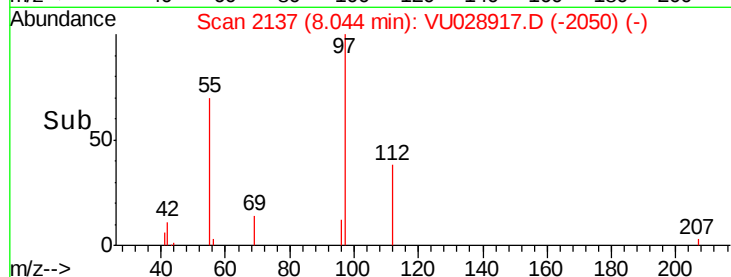
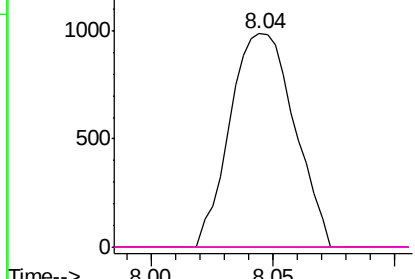
#55
 1,1,2-Trichloroethane
 Concen: 0.856 ug/l
 RT: 8.04 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-3036-01ME

Tgt Ion: 97 Resp: 1806
 Ion Ratio Lower Upper
 97 100
 83 0.0 72.4 108.6#
 85 0.0 46.0 69.0#
 99 0.0 47.4 71.2#

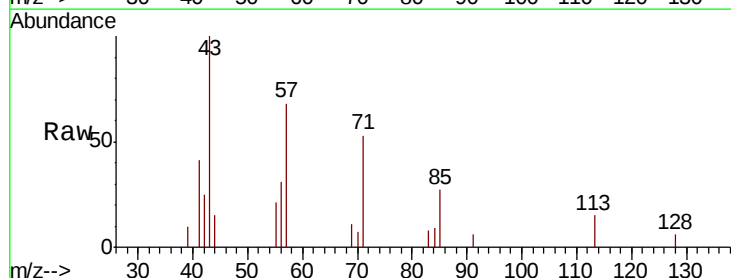


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

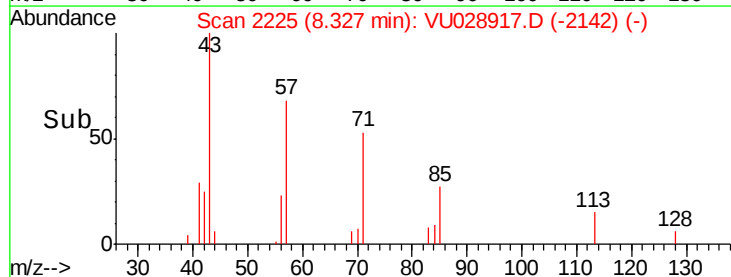
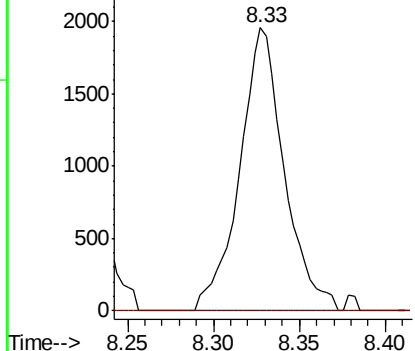


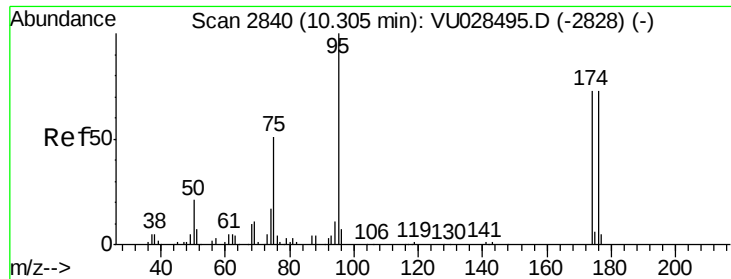
#59
 2-Hexanone
 Concen: 1.118 ug/l
 RT: 8.33 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Tgt Ion: 43 Resp: 3518
 Ion Ratio Lower Upper
 43 100
 58 0.0 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: 47.046 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-3036-01ME

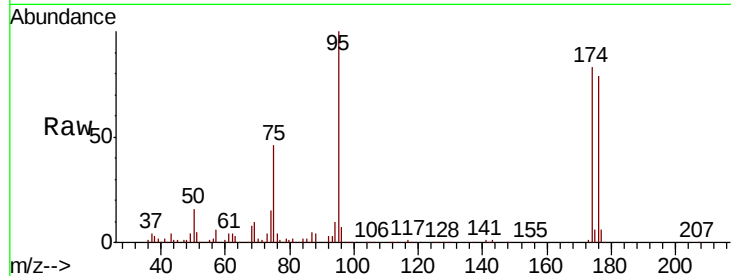
Tgt Ion: 95 Resp: 123143

Ion Ratio Lower Upper

95 100

174 84.5 0.0 150.4

176 81.1 0.0 145.2

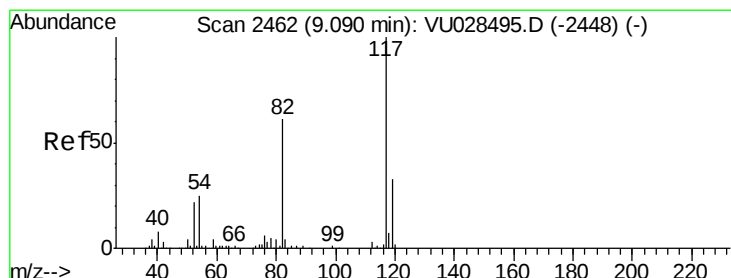
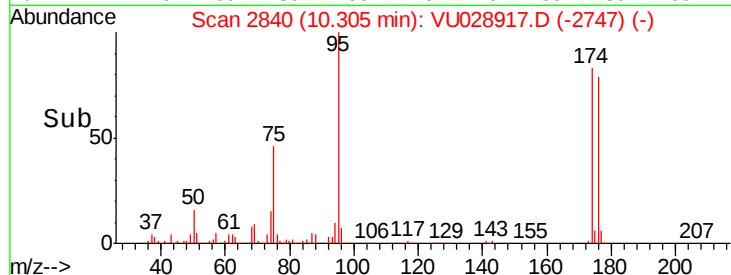
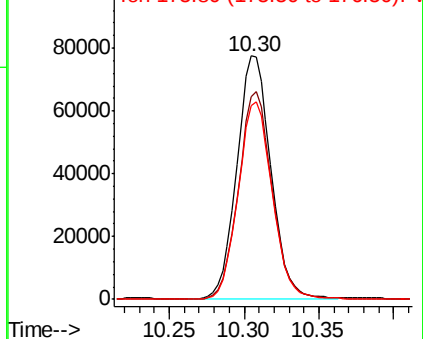


Abundance

Ion 94.90 (94.60 to 95.60): VU028917.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU028917.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU028917.D (-2747) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

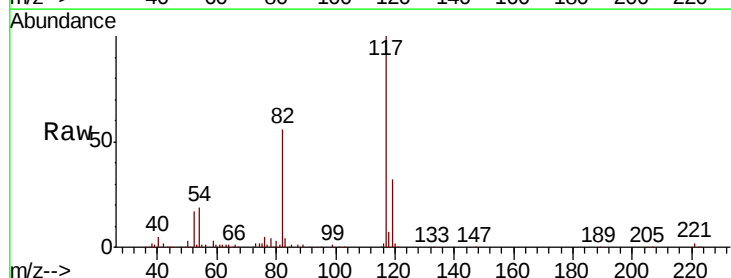
Tgt Ion: 117 Resp: 260103

Ion Ratio Lower Upper

117 100

82 55.7 48.9 73.3

119 32.0 26.2 39.4

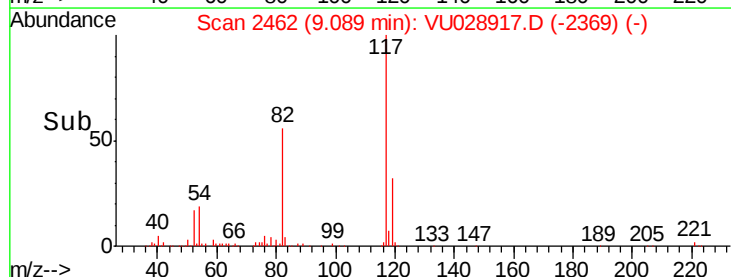
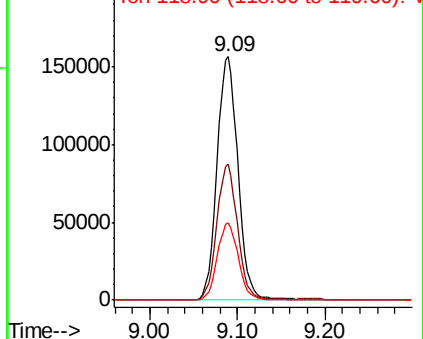


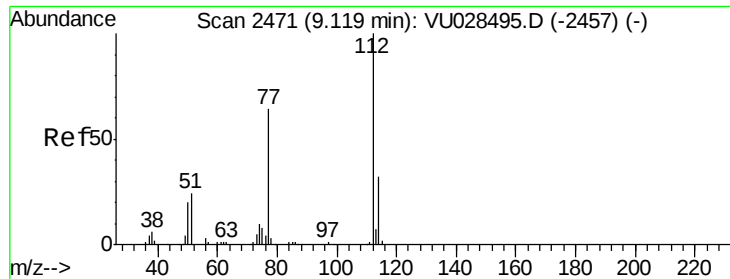
Abundance

Ion 116.90 (116.60 to 117.60): VU028917.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028917.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028917.D (-2369) (-)

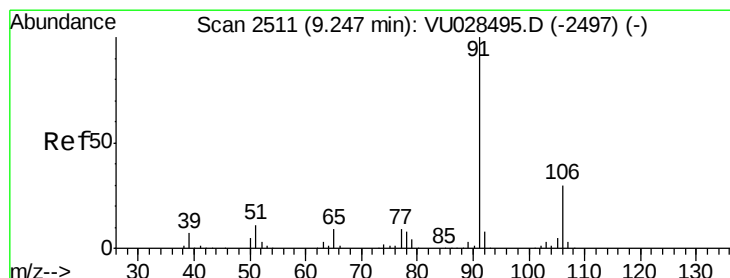
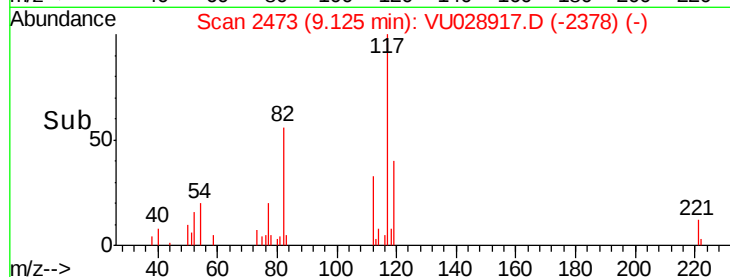
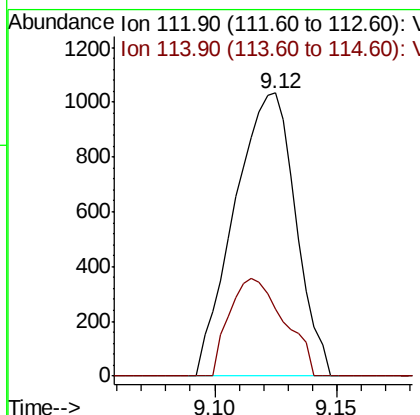
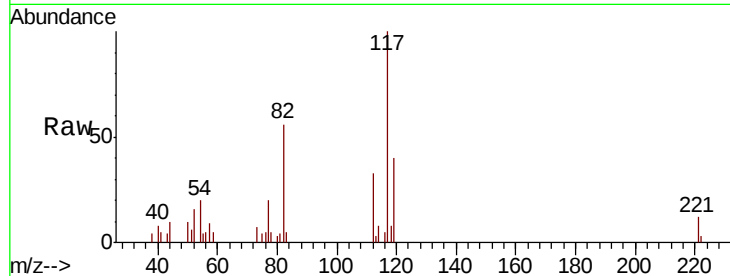




#65
Chlorobenzene
Concen: 0.324 ug/l
RT: 9.12 min Scan# 2473
Delta R.T. 0.01 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

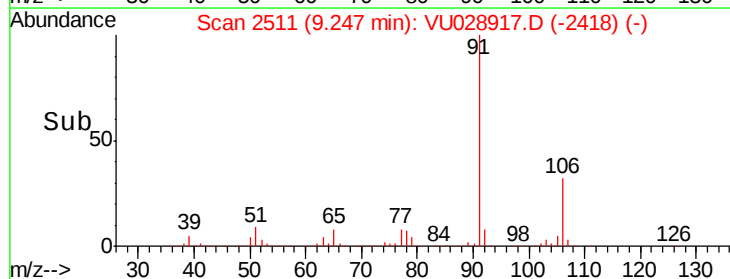
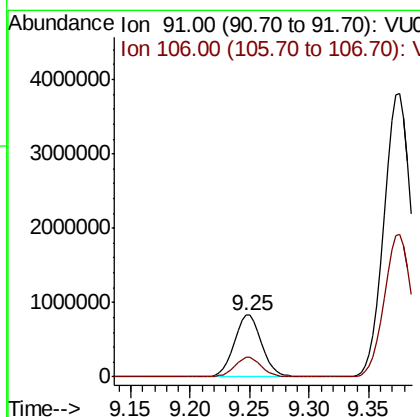
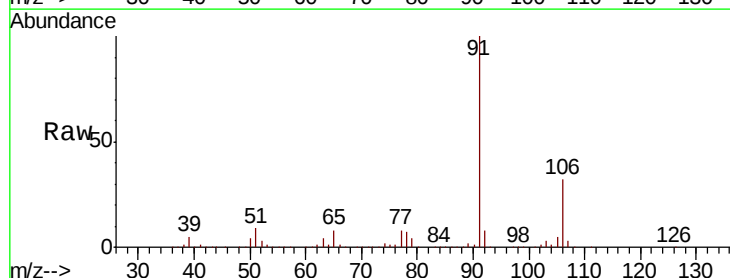
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

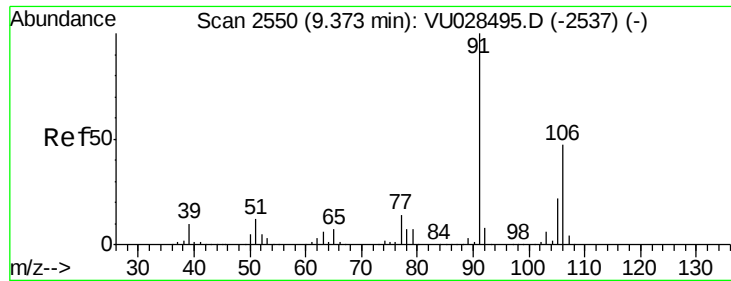
Tgt Ion: 112 Resp: 1798
Ion Ratio Lower Upper
112 100
114 23.9 25.3 37.9#



#67
Ethyl Benzene
Concen: 130.420 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 91 Resp: 1328846
Ion Ratio Lower Upper
91 100
106 31.7 24.1 36.1

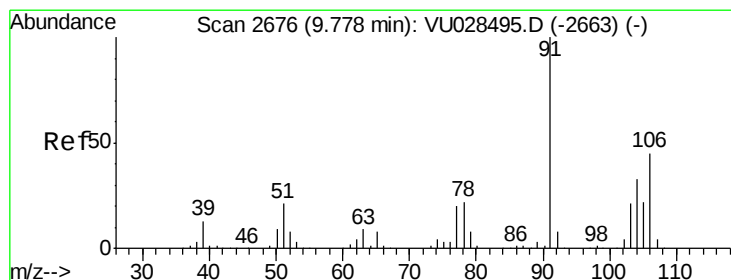
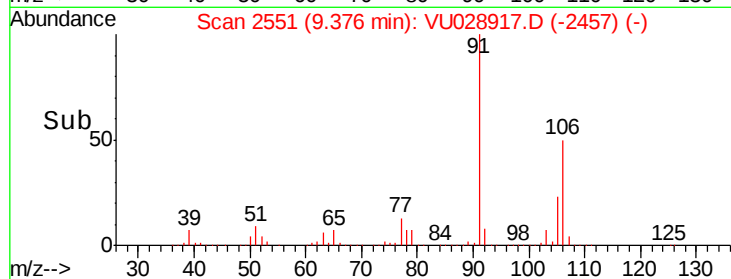
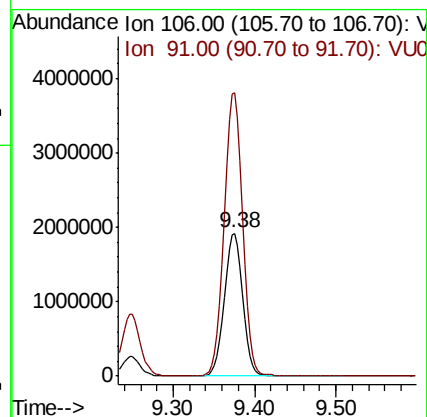
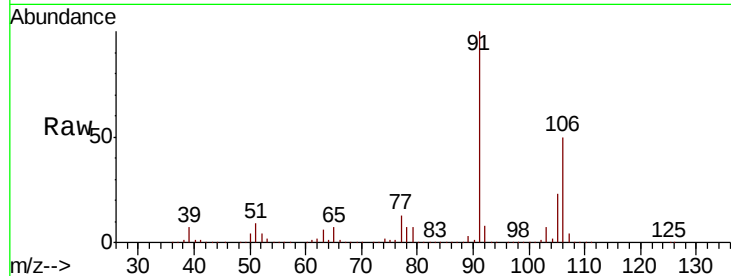




#68
m/p-Xylenes
Concen: 829.999 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

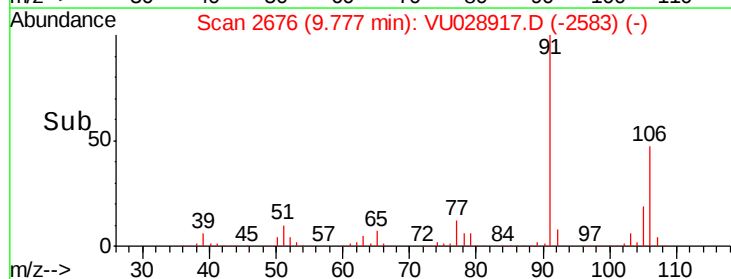
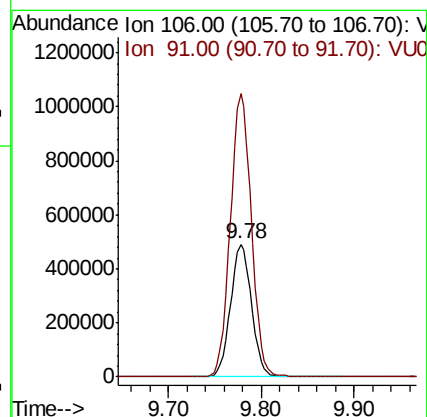
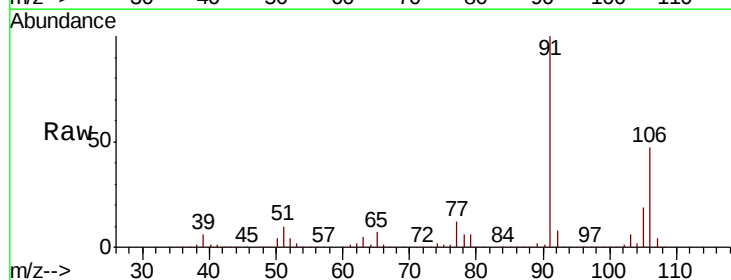
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

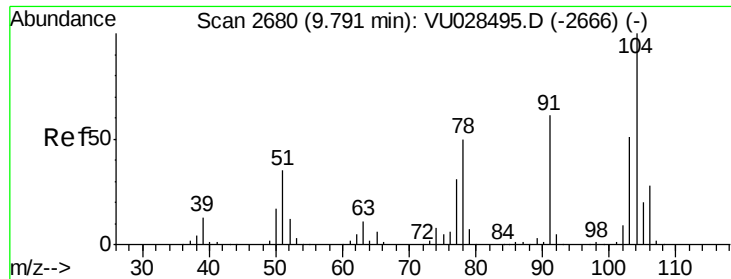
Tgt Ion:106 Resp: 3077213
Ion Ratio Lower Upper
106 100
91 200.6 167.4 251.0



#69
o-Xylene
Concen: 213.446 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion:106 Resp: 769033
Ion Ratio Lower Upper
106 100
91 214.0 111.3 334.0

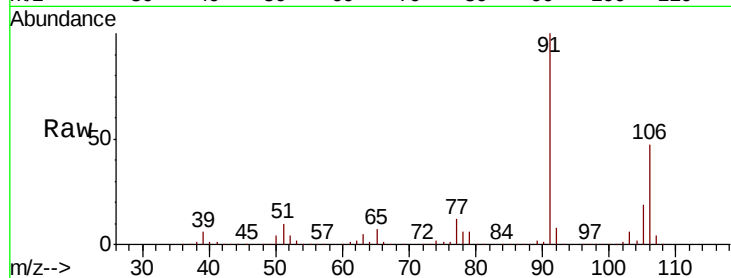




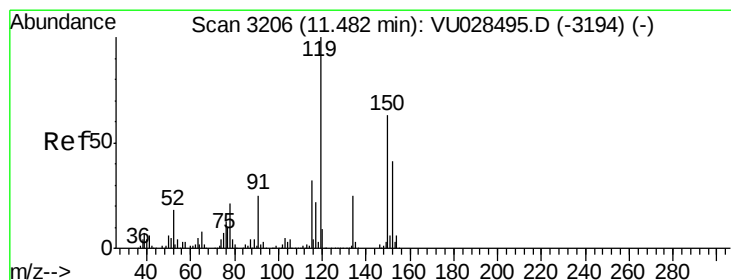
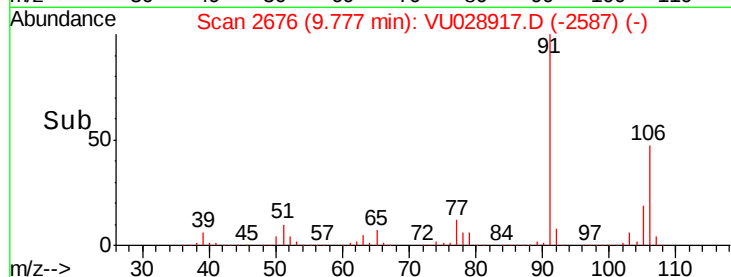
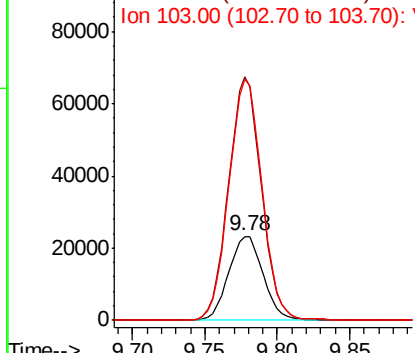
#70
Styrene
Concen: 6.442 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:104 Resp: 38413
Ion Ratio Lower Upper
104 100
78 276.0 43.0 64.6#
103 276.0 44.2 66.4#

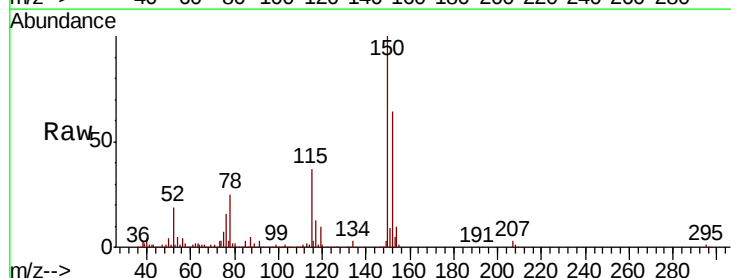


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

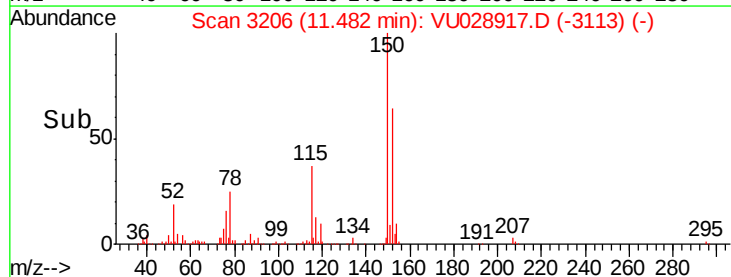
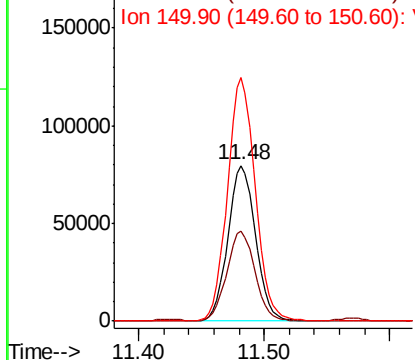


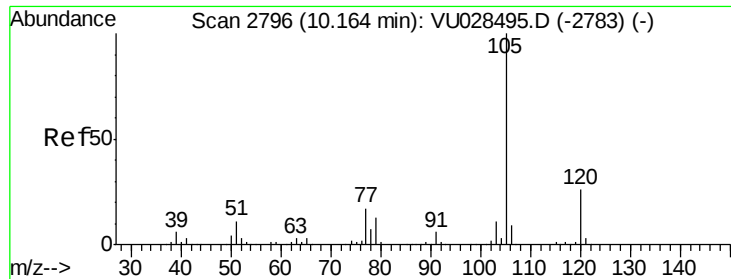
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion:152 Resp: 121866
Ion Ratio Lower Upper
152 100
115 59.1 42.7 128.1
150 157.4 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: 2.762 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

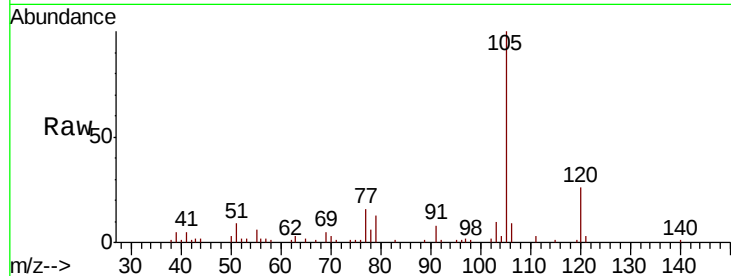
P001-SS013C-3036-01ME

Tgt Ion:105 Resp: 25827

Ion Ratio Lower Upper

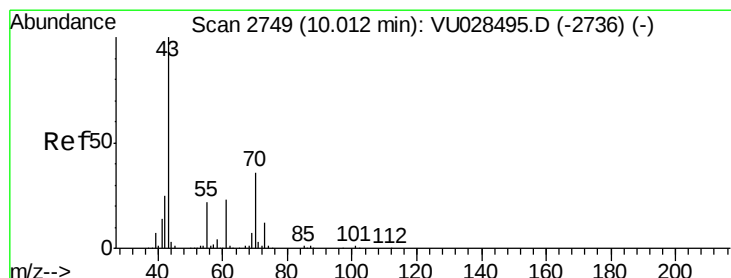
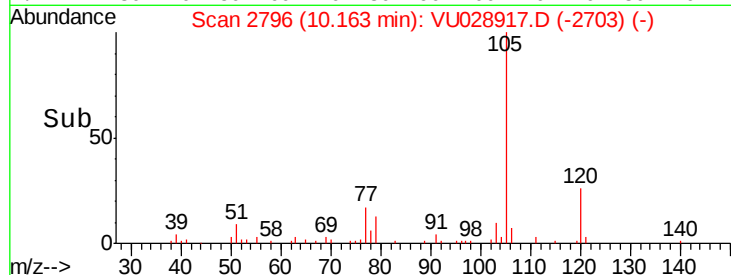
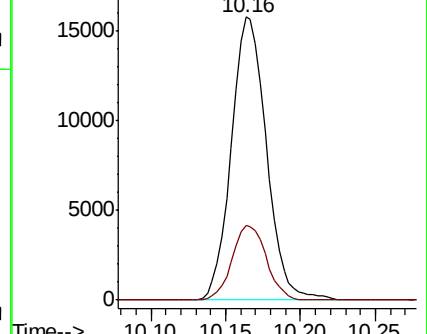
105 100

120 25.7 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-ethyl acetate

Concen: 0.493 ug/l

RT: 10.04 min Scan# 2758

Delta R.T. 0.03 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Tgt Ion: 43 Resp: 2658

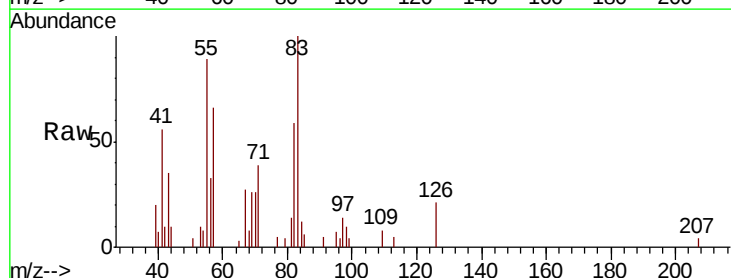
Ion Ratio Lower Upper

43 100

70 51.7 29.3 43.9#

55 237.1 18.0 27.0#

61 0.0 18.3 27.5#

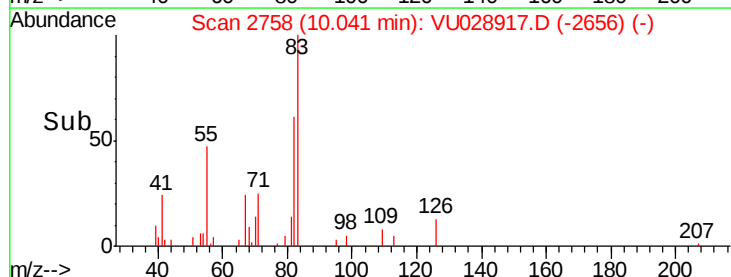
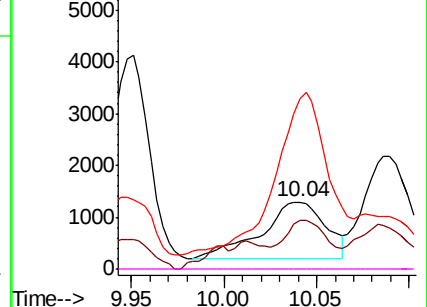


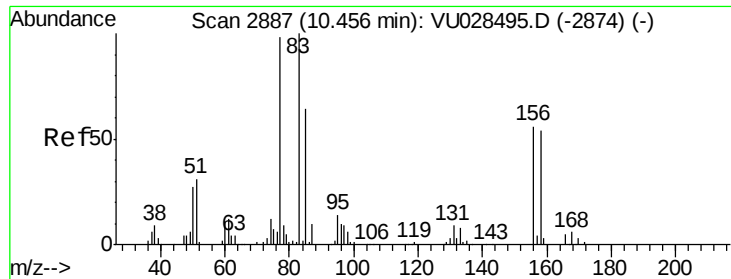
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.770 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.04 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-3036-01ME

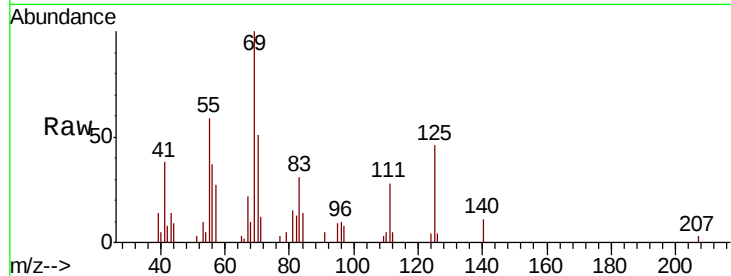
Tgt Ion: 83 Resp: 2766

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

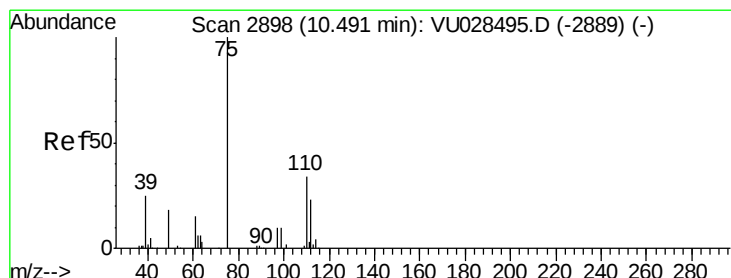
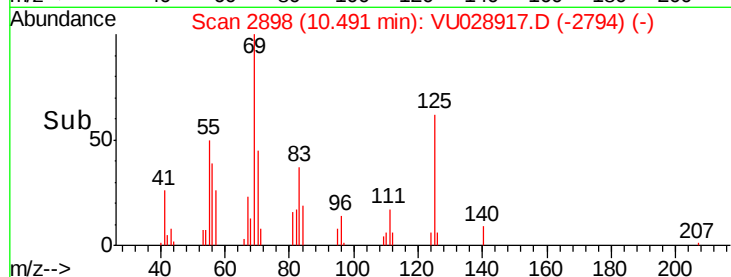
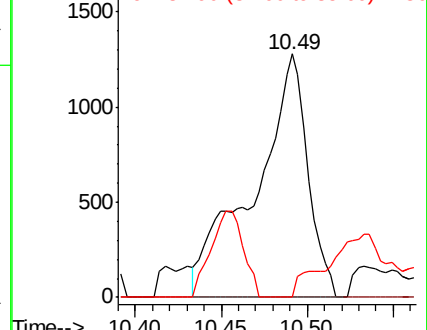
85 0.0 31.8 95.4#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 2.670 ug/l

RT: 10.61 min Scan# 2934

Delta R.T. 0.12 min

Lab File: VU028917.D

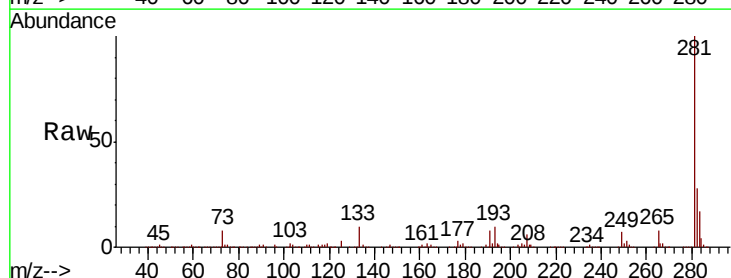
Acq: 22 Dec 2018 16:12

Tgt Ion: 75 Resp: 8309

Ion Ratio Lower Upper

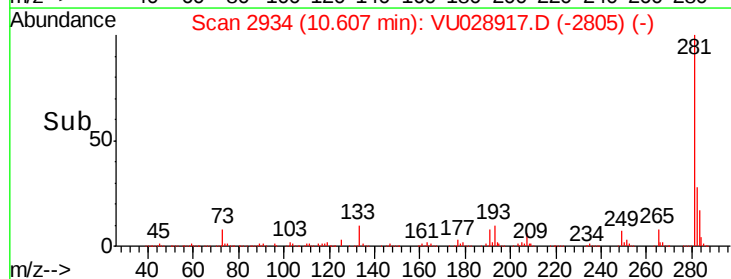
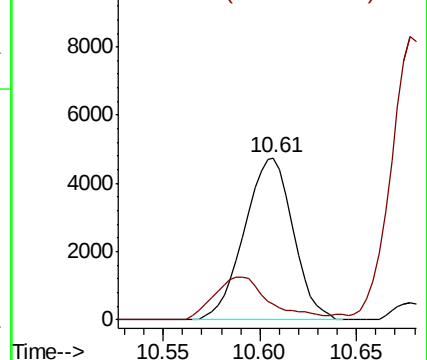
75 100

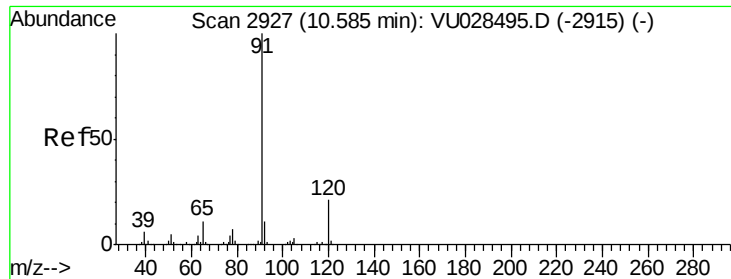
77 29.8 20.8 62.4



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 4.071 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

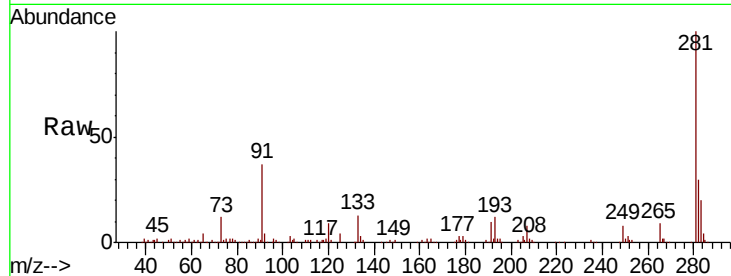
P001-SS013C-3036-01ME

Tgt Ion: 91 Resp: 47306

Ion Ratio Lower Upper

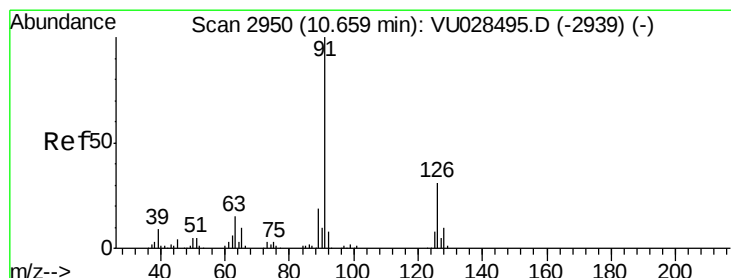
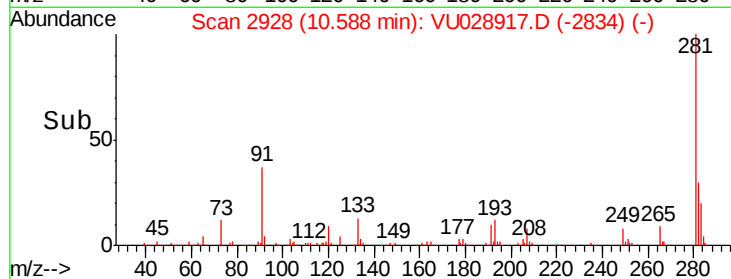
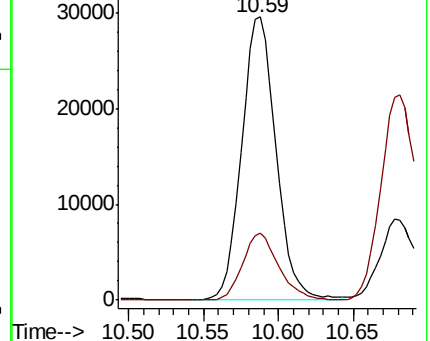
91 100

120 24.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.644 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028917.D

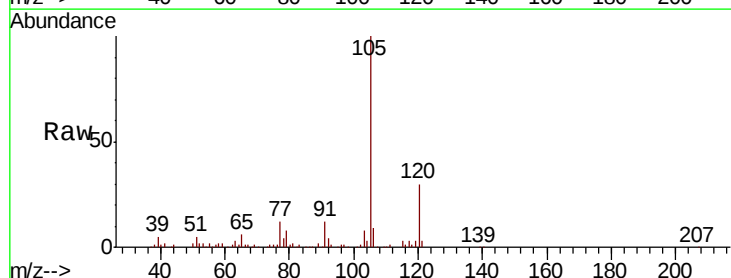
Acq: 22 Dec 2018 16:12

Tgt Ion: 91 Resp: 17699

Ion Ratio Lower Upper

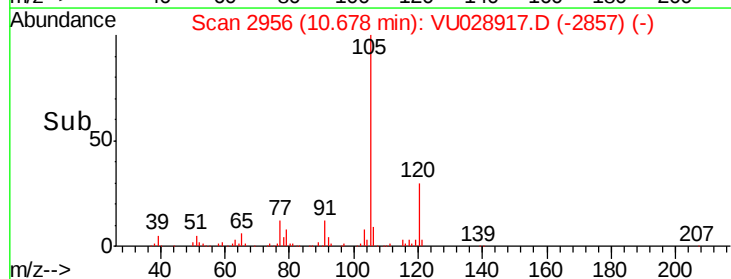
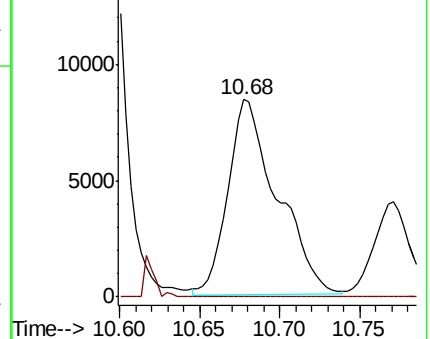
91 100

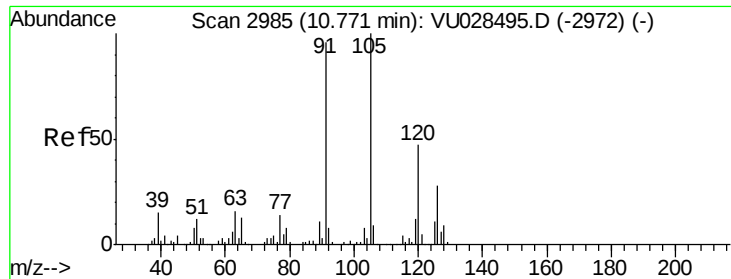
126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 7.665 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

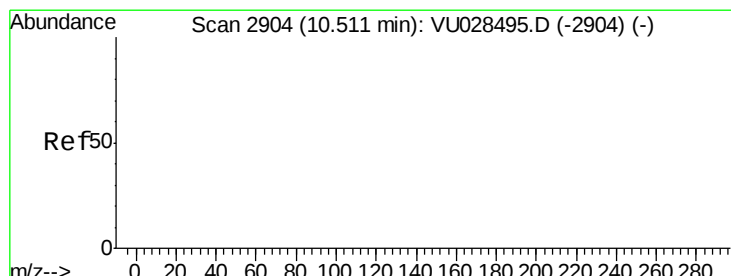
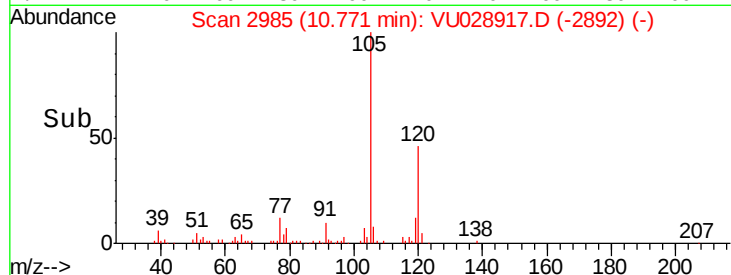
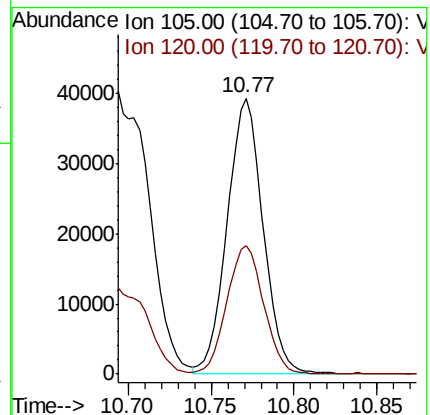
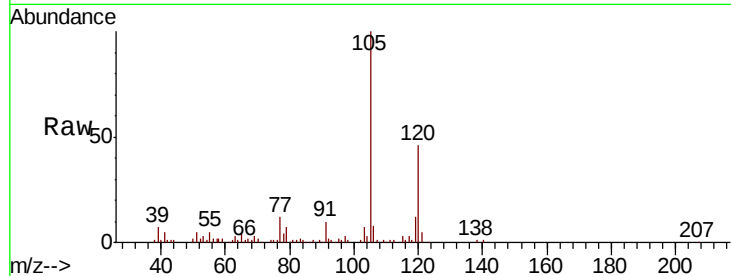
P001-SS013C-3036-01ME

Tgt Ion:105 Resp: 59331

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 7.020 ug/l

RT: 10.61 min Scan# 2934

Delta R.T. 0.10 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

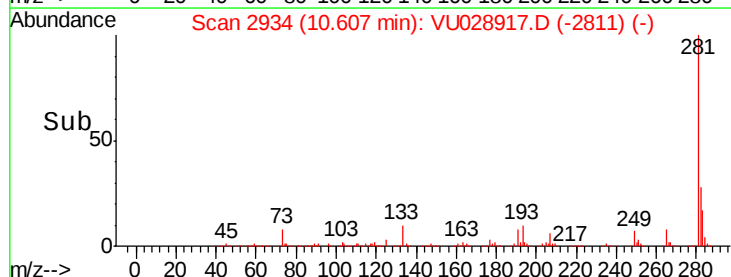
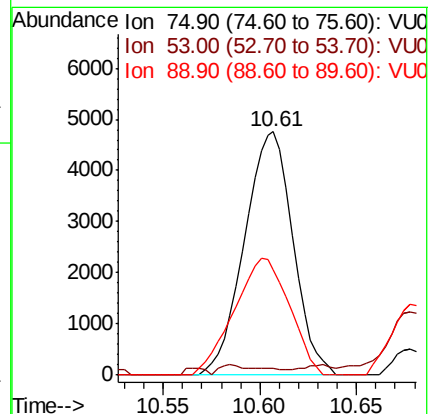
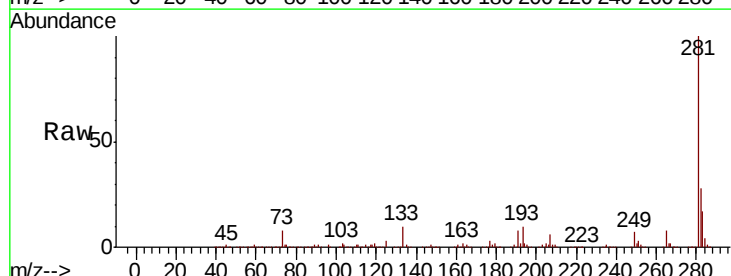
Tgt Ion: 75 Resp: 8309

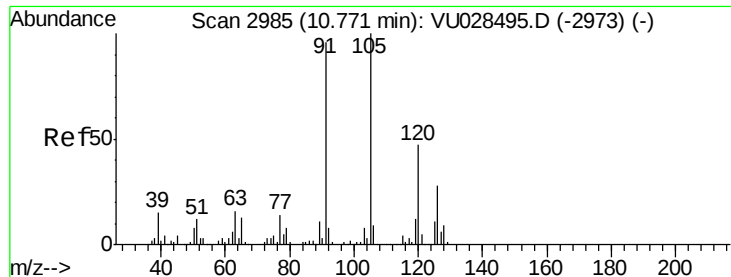
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 54.6 0.0 0.0#





#82

4-Chlorotoluene

Concen: 0.744 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

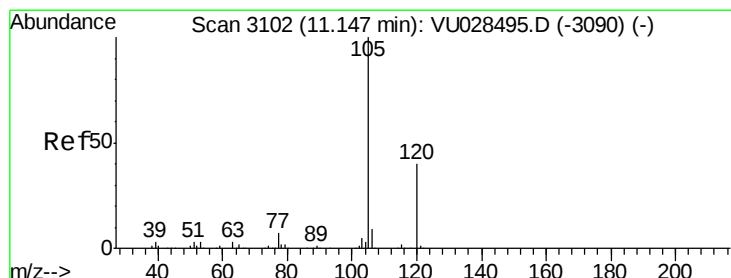
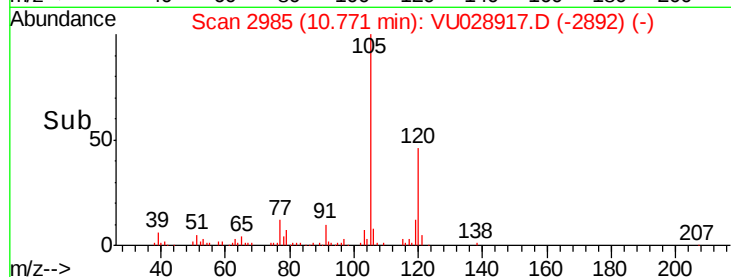
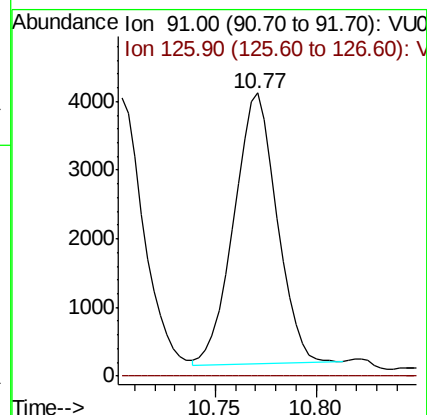
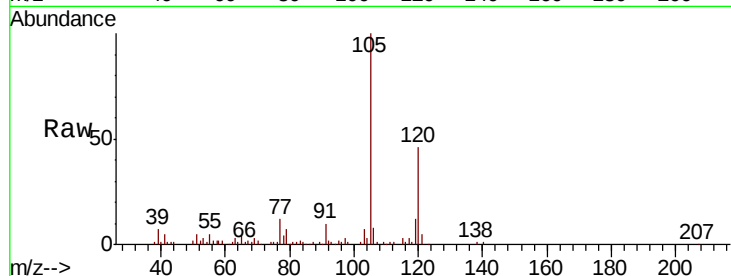
P001-SS013C-3036-01ME

Tgt Ion: 91 Resp: 5905

Ion Ratio Lower Upper

91 100

126 0.0 14.1 42.3#



#84

1,2,4-Trimethylbenzene

Concen: 20.894 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028917.D

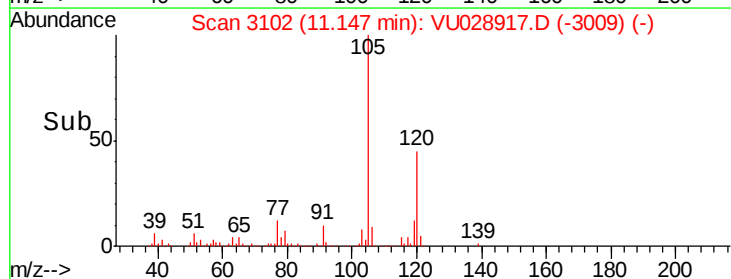
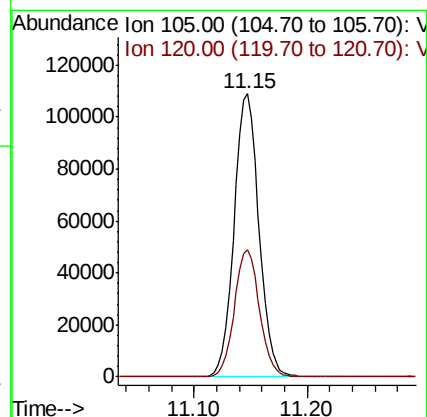
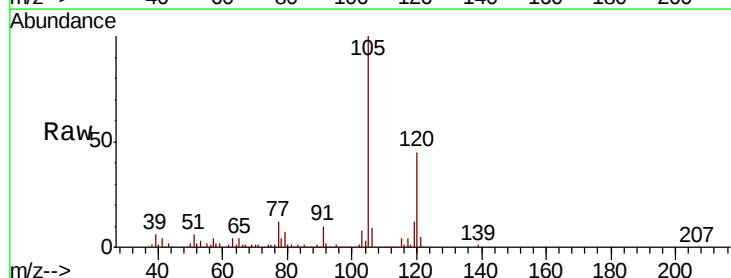
Acq: 22 Dec 2018 16:12

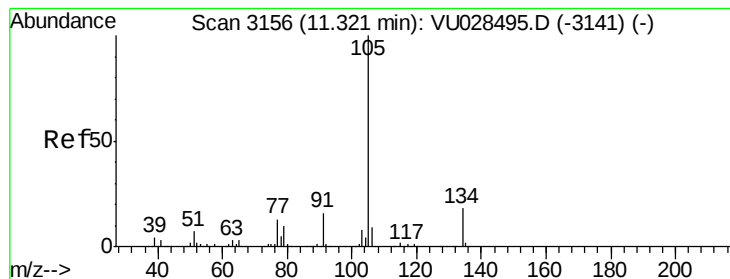
Tgt Ion: 105 Resp: 166681

Ion Ratio Lower Upper

105 100

120 45.3 21.8 65.4





#85

sec-Butylbenzene

Concen: 0.815 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

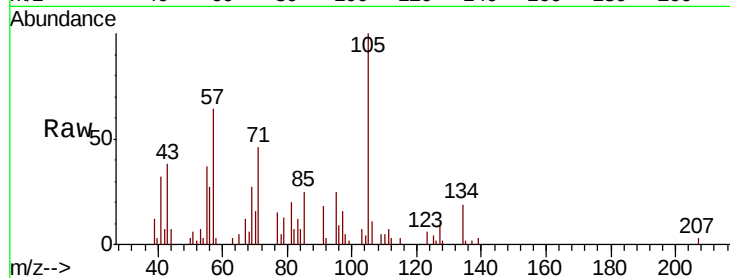
P001-SS013C-3036-01ME

Tgt Ion:105 Resp: 7814

Ion Ratio Lower Upper

105 100

134 17.7 9.2 27.6

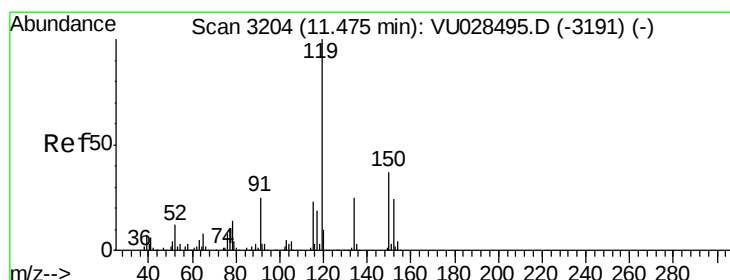
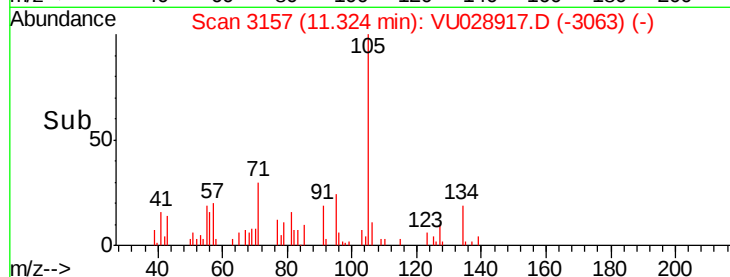


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

Time-->



#86

p-Isopropyltoluene

Concen: 3.186 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

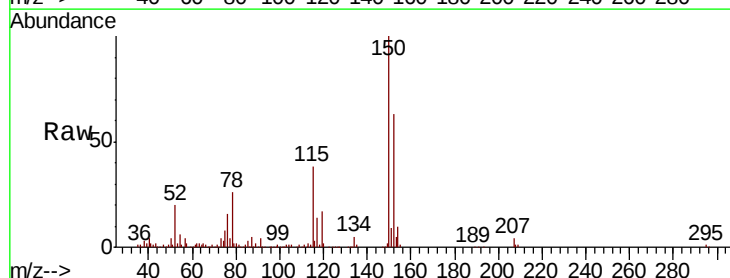
Tgt Ion:119 Resp: 25944

Ion Ratio Lower Upper

119 100

134 27.3 12.7 38.1

91 24.5 12.6 37.6



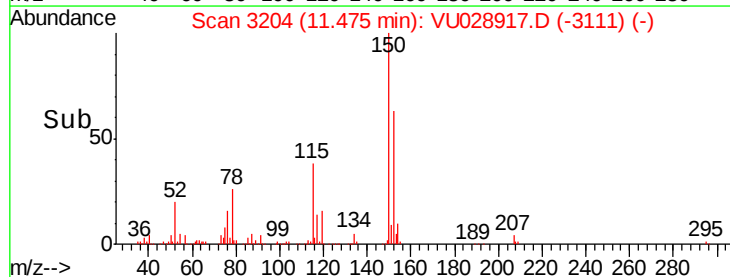
Abundance Ion 119.00 (118.70 to 119.70): V

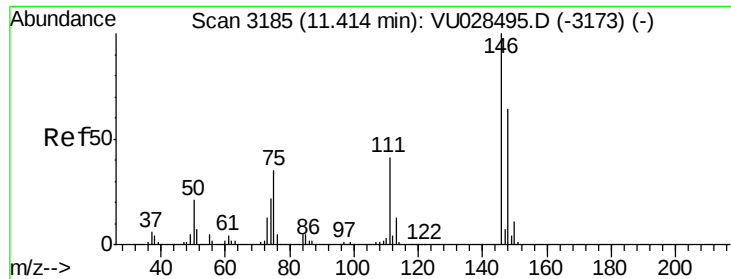
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

Time-->





#87

1,3-Dichlorobenzene

Concen: 1.220 ug/l

RT: 11.50 min Scan# 3213

Delta R.T. 0.09 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-3036-01ME

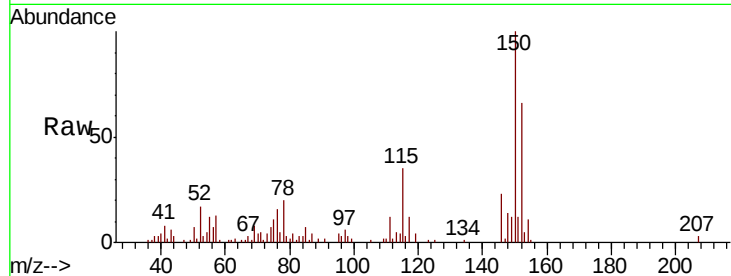
Tgt Ion:146 Resp: 5038

Ion Ratio Lower Upper

146 100

111 48.9 20.7 62.1

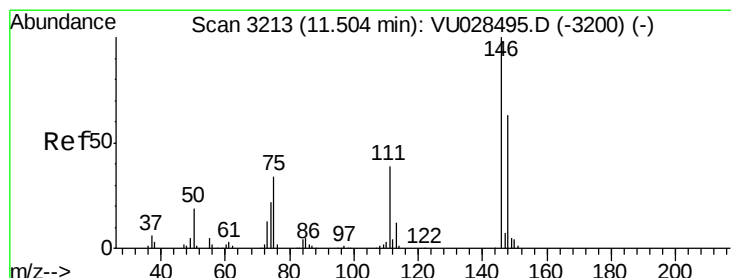
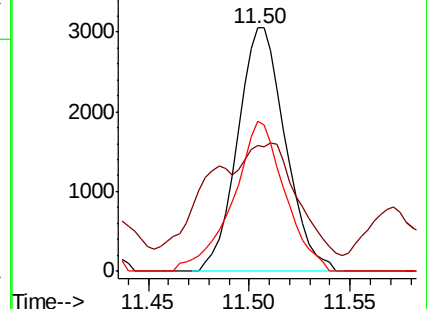
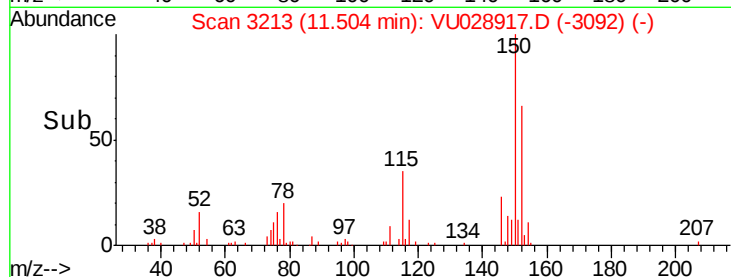
148 67.1 31.9 95.7



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: 1.179 ug/l

RT: 11.50 min Scan# 3213

Delta R.T. -0.00 min

Lab File: VU028917.D

Acq: 22 Dec 2018 16:12

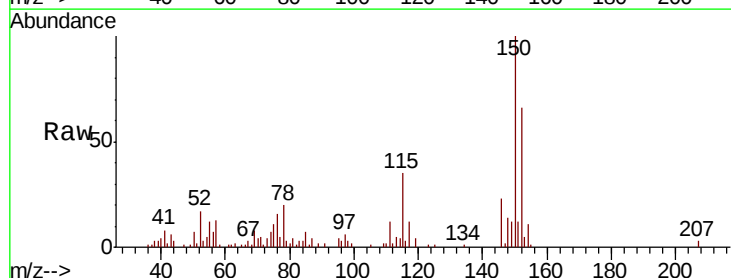
Tgt Ion:146 Resp: 5038

Ion Ratio Lower Upper

146 100

111 48.9 20.2 60.5

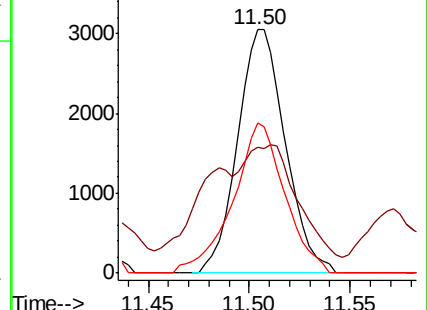
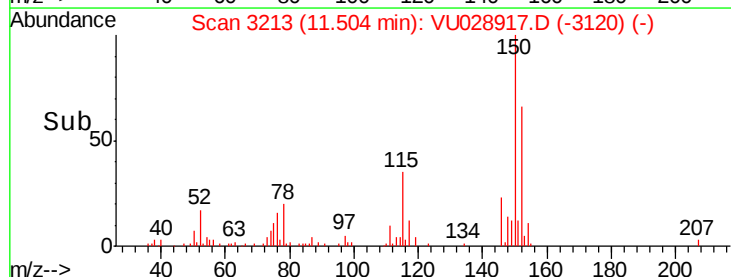
148 67.1 31.6 95.0

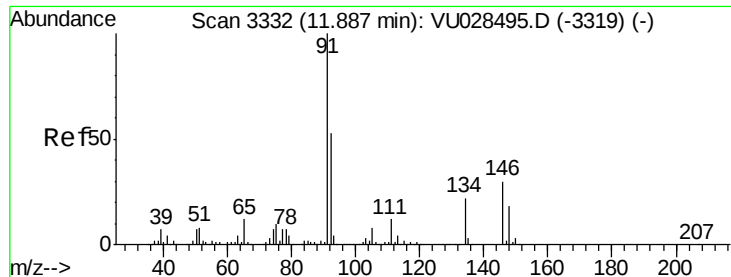


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

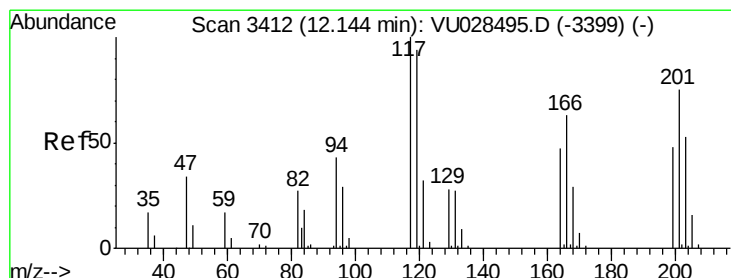
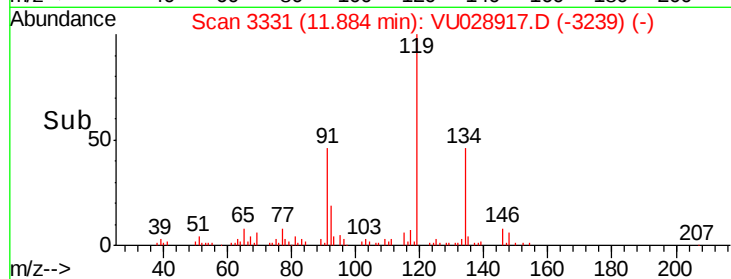
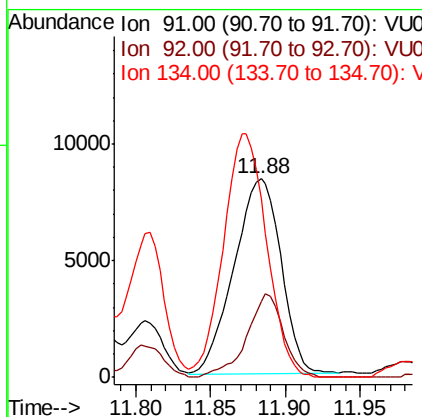
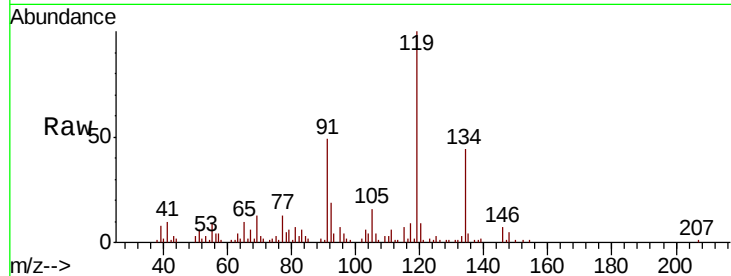




#89
n-Butylbenzene
Concen: 2.212 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

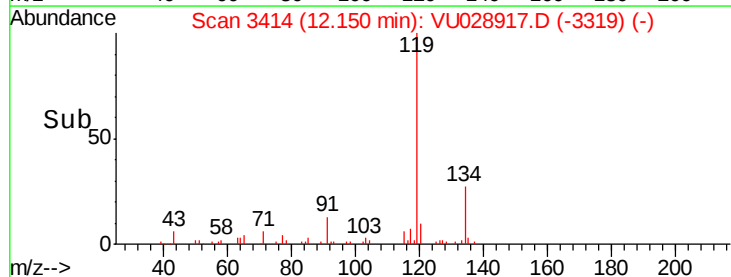
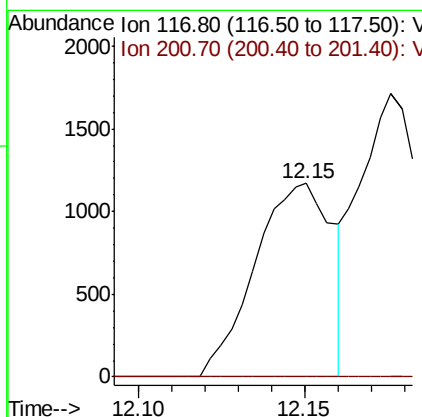
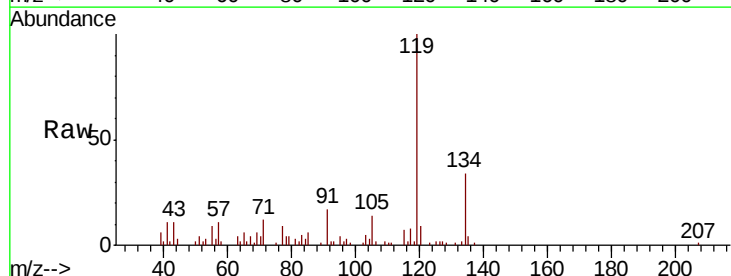
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

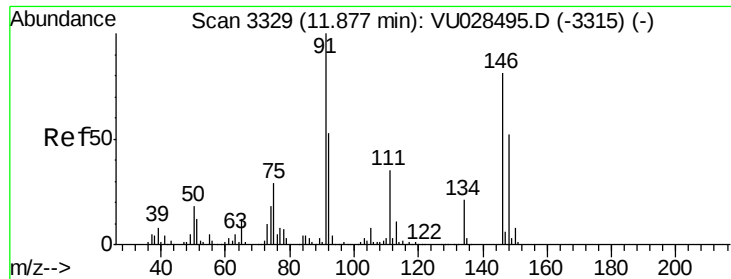
Tgt Ion: 91 Resp: 18223
Ion Ratio Lower Upper
91 100
92 33.6 26.3 78.9
134 115.0 11.3 33.8#



#90
Hexachloroethane
Concen: 1.544 ug/l
RT: 12.15 min Scan# 3414
Delta R.T. 0.01 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 117 Resp: 1900
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#

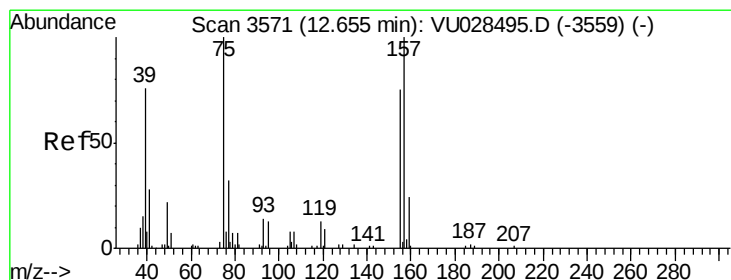
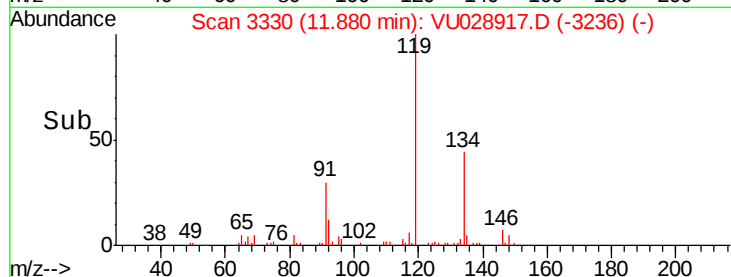
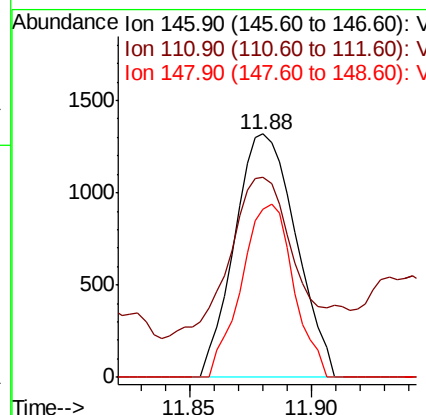
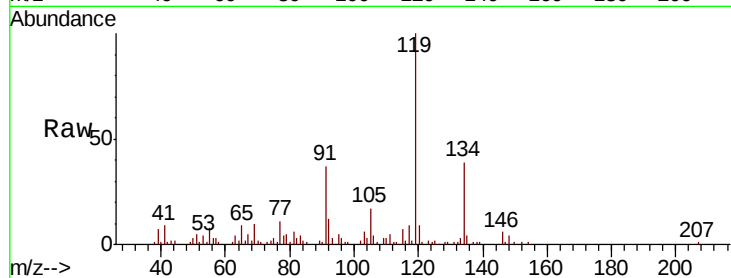




#91
 1,2-Dichlorobenzene
 Concen: 0.556 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

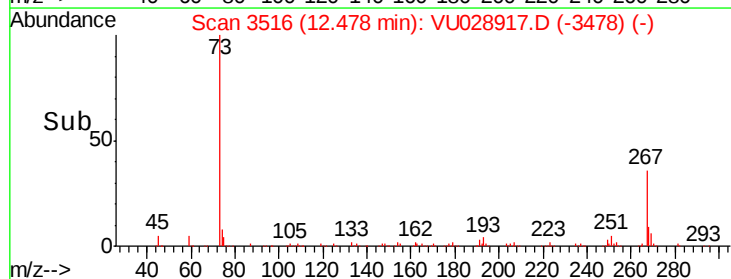
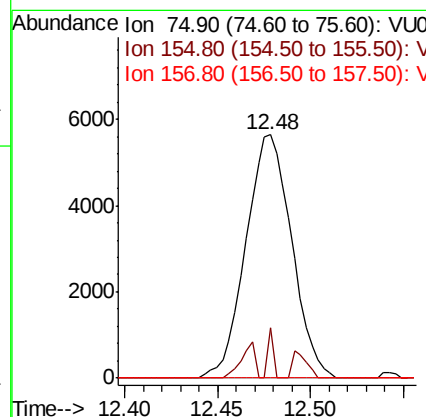
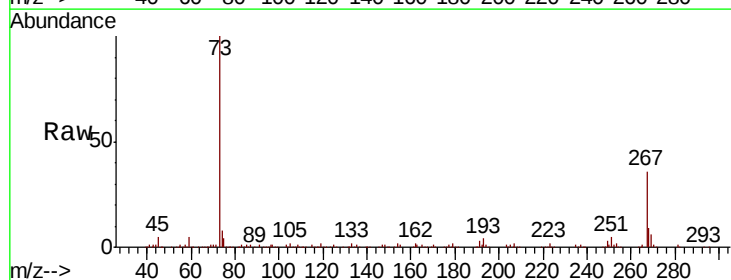
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-3036-01ME

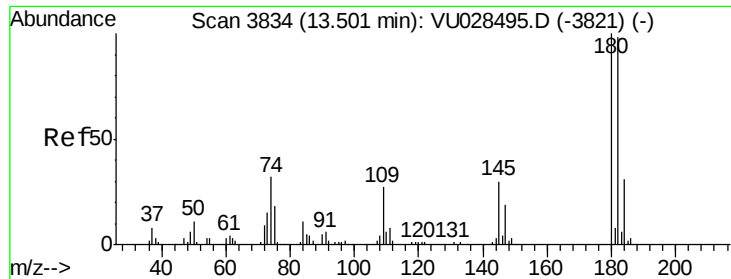
Tgt Ion: 146 Resp: 2296
 Ion Ratio Lower Upper
 146 100
 111 68.5 21.1 63.4#
 148 60.4 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.412 ug/l
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Tgt Ion: 75 Resp: 9653
 Ion Ratio Lower Upper
 75 100
 155 2.3 38.1 114.5#
 157 0.0 48.7 146.1#

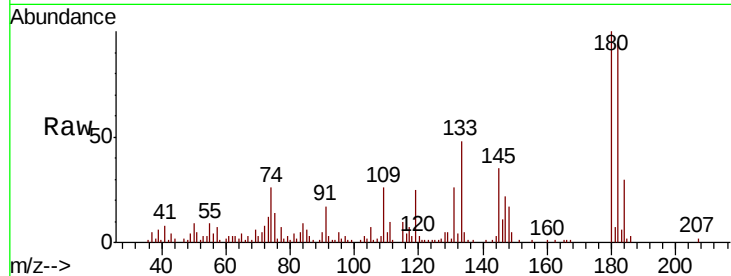




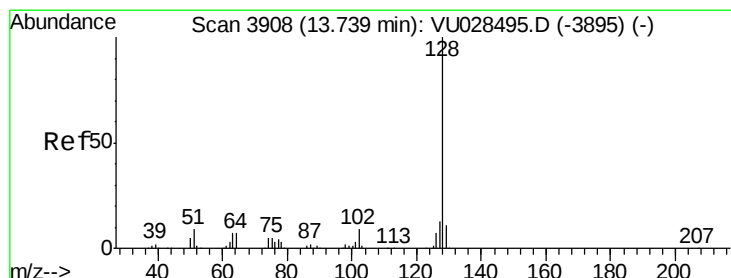
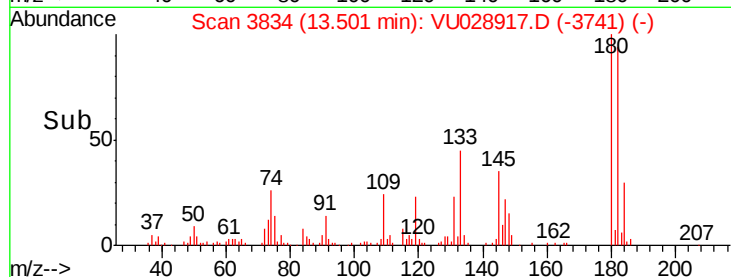
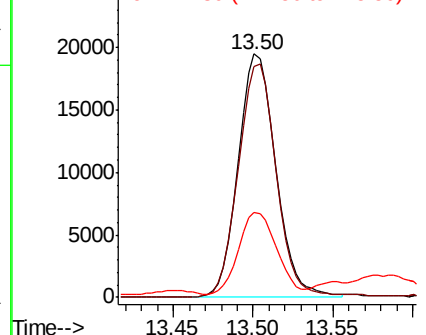
#93
 1,2,4-Trichlorobenzene
 Concen: 11.688 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-3036-01ME

Tgt Ion:180 Resp: 31311
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.9 143.8
 145 33.3 15.0 45.1

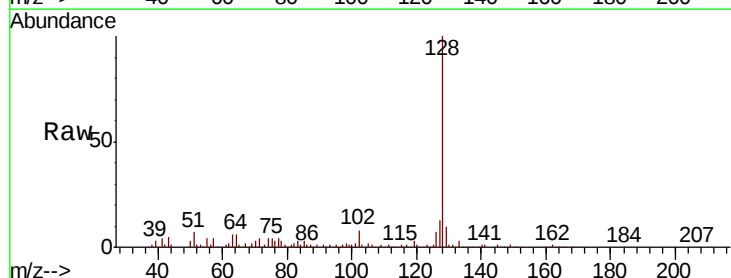


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

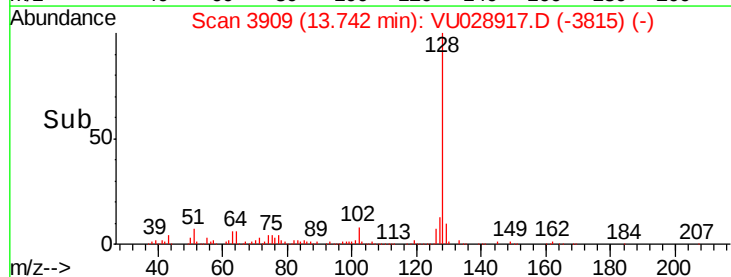
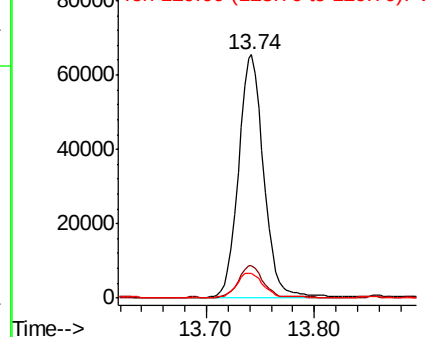


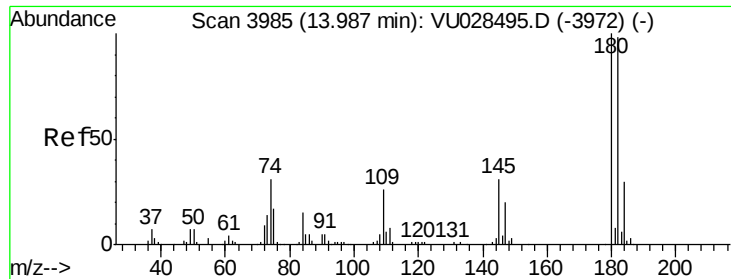
#95
 Naphthalene
 Concen: 10.861 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Tgt Ion:128 Resp: 107658
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.4 15.6
 129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.750 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU028917.D
 Acq: 22 Dec 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-3036-01ME

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.4	48.2	144.6
145	0.0	15.8	47.3

