

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028914.D
 Acq On : 22 Dec 2018 15:00
 Operator : MD/SY
 Sample : J6426-13ME
 Misc : 6.27g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3642-01ME

Quant Time: Dec 24 04:45:52 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	4.97	168	118625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	203173	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	196362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93551	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	76420	42.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.42%	
35) Dibromofluoromethane	4.88	113	65956	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	7.56	98	256477	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	10.31	95	94696	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds					Qvalue
3) Chloromethane	1.32	50	3053	1.044 ug/l	98
11) Tert butyl alcohol	2.83	59	3855	9.558 ug/l #	73
16) Acetone	2.35	43	1043	0.883 ug/l #	84
17) Carbon Disulfide	2.43	76	1138	0.239 ug/l #	75
18) Methyl Acetate	2.63	43	5104	1.667 ug/l	94
20) Methylene Chloride	2.68	84	943	0.542 ug/l	83
23) Vinyl Acetate	3.27	43	1146	0.229 ug/l #	42
29) Tetrahydrofuran	4.67	42	311	0.300 ug/l #	37
36) 1,1-Dichloropropene	4.97	75	9144	4.113 ug/l #	48
38) Carbon Tetrachloride	4.97	117	10675	5.957 ug/l #	15
39) Methylcyclohexane	6.40	83	8477	3.125 ug/l #	87
52) Toluene	7.64	92	4670	1.212 ug/l	95
55) 1,1,2-Trichloroethane	8.04	97	2642	1.734 ug/l #	20
56) Ethyl methacrylate	8.04	69	681	0.261 ug/l #	10
59) 2-Hexanone	8.32	43	7034	3.095 ug/l #	29
65) Chlorobenzene	9.12	112	64127	15.326 ug/l	100
67) Ethyl Benzene	9.25	91	3341	0.434 ug/l	92
68) m/p-Xylenes	9.37	106	32347	11.557 ug/l	95
69) o-Xylene	9.79	106	1458	0.536 ug/l	94
73) Isopropylbenzene	10.17	105	26720	3.722 ug/l	98
74) N-amyl acetate	10.01	43	1381	0.334 ug/l #	37
76) 1,2,3-Trichloropropane	10.61	75	11890	4.977 ug/l	75
78) n-propylbenzene	10.59	91	57557	6.453 ug/l	92
79) 2-Chlorotoluene	10.59	91	57557	11.202 ug/l #	45
80) 1,3,5-Trimethylbenzene	10.77	105	9028	1.519 ug/l	93
81) trans-1,4-Dichloro-2-buten	10.61	75	11890	12.633 ug/l #	100
82) 4-Chlorotoluene	10.77	91	1906	0.313 ug/l #	51
83) tert-Butylbenzene	11.10	119	1497	0.261 ug/l	78
84) 1,2,4-Trimethylbenzene	11.15	105	257533	42.054 ug/l	97
85) sec-Butylbenzene	11.32	105	7788	1.058 ug/l	93
86) p-Isopropyltoluene	11.48	119	14181	2.269 ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	8681	2.738 ug/l	96
88) 1,4-Dichlorobenzene	11.51	146	164843	50.259 ug/l	98
89) n-Butylbenzene	11.89	91	11722	1.853 ug/l #	71

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QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

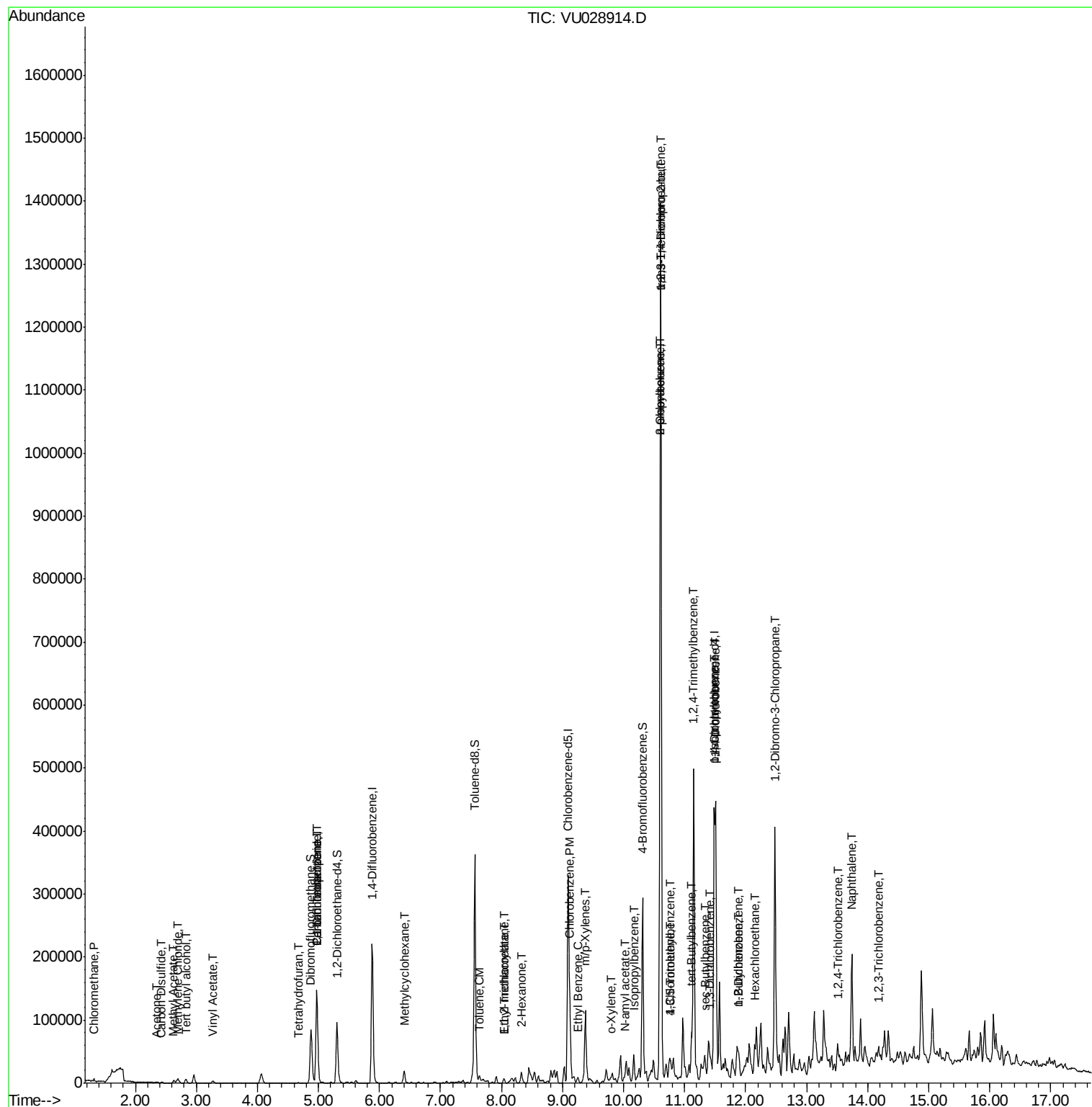
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.15	117	2393	2.533	ug/l #	11
91) 1,2-Dichlorobenzene	11.89	146	1444	0.455	ug/l #	73
92) 1,2-Dibromo-3-Chloropropan	12.48	75	11589	19.412	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.51	180	1763	1.639	ug/l #	57
95) Naphthalene	13.74	128	130129	17.101	ug/l	99
96) 1,2,3-Trichlorobenzene	14.19	180	711	0.473	ug/l	74

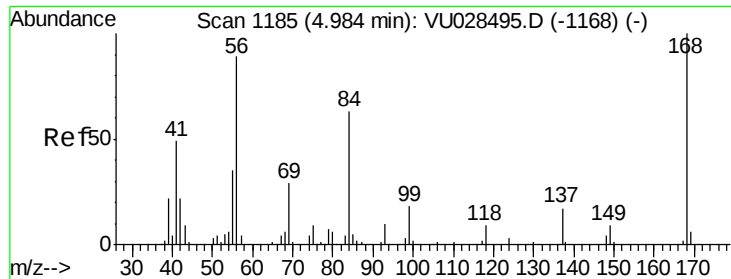
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

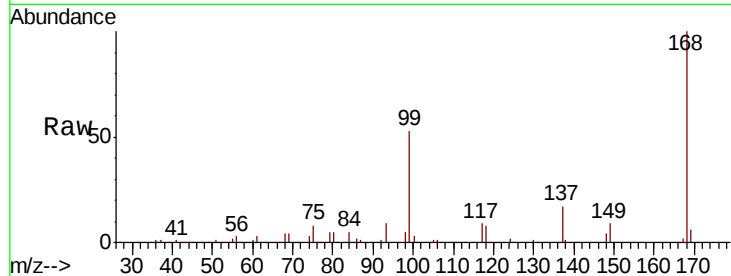
P001-SS013B-3642-01ME

Tgt Ion: 168 Resp: 118625

Ion Ratio Lower Upper

168 100

99 53.5 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) (-)

4.97

60000

50000

40000

30000

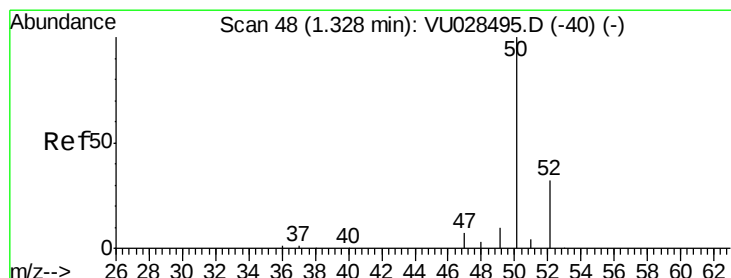
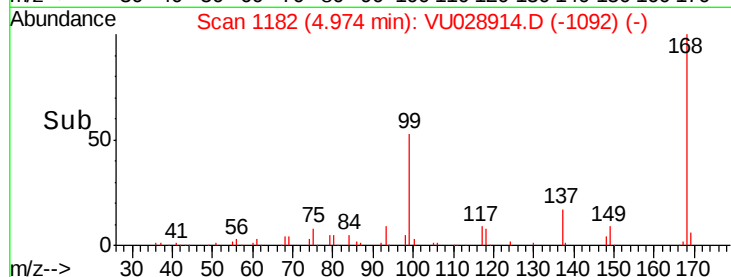
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 1.044 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028914.D

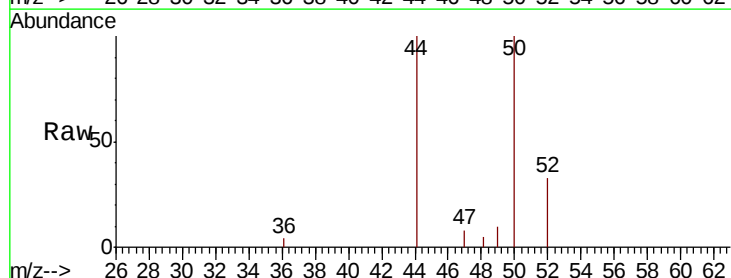
Acq: 22 Dec 2018 15:00

Tgt Ion: 50 Resp: 3053

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



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

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

1.32

3000

2500

2000

1500

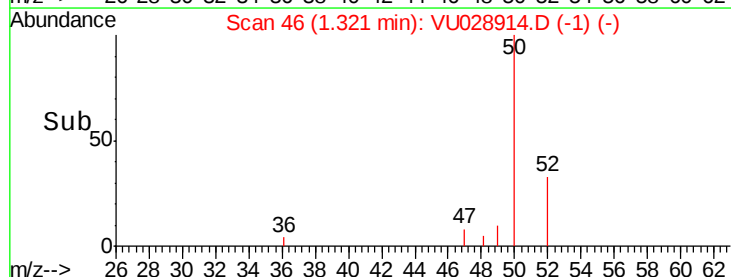
1000

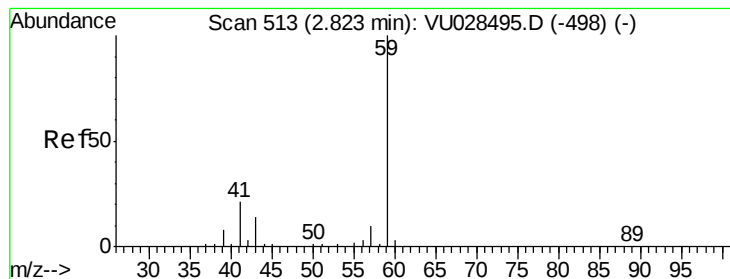
500

0

1.30 1.35

Time-->



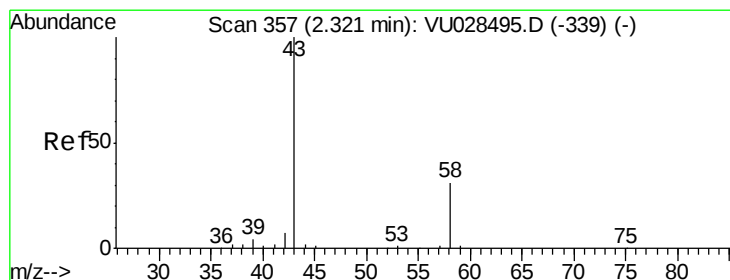
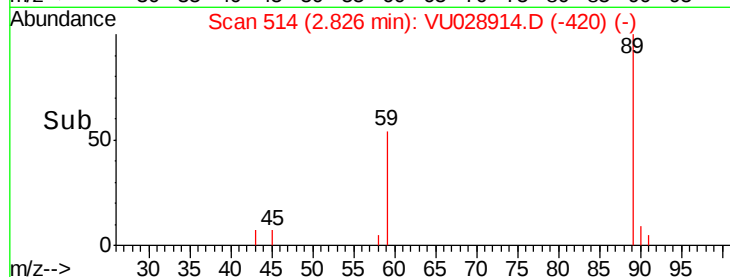
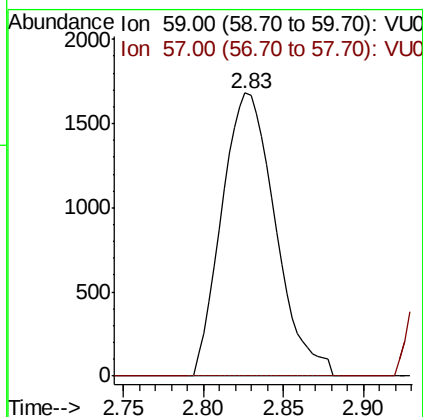
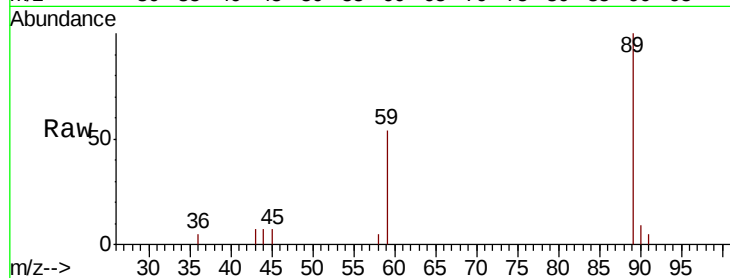


#11

Tert butyl alcohol
 Concen: 9.558 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3642-01ME

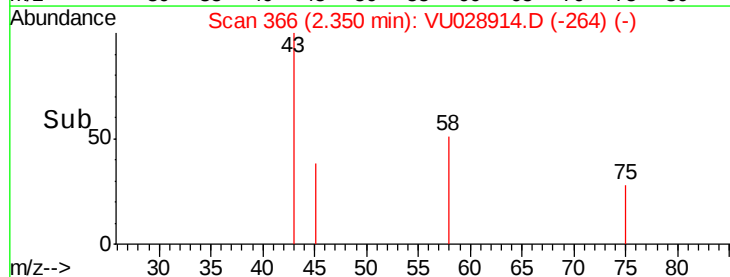
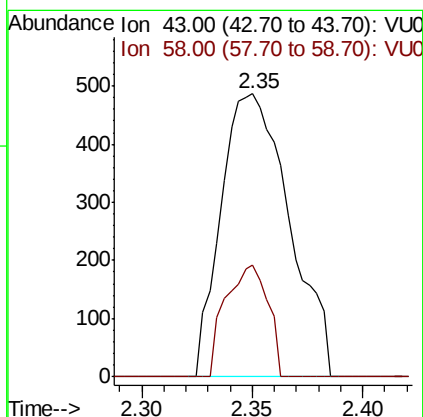
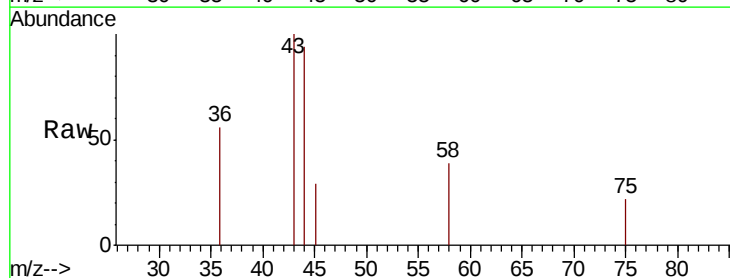
Tgt Ion: 59 Resp: 3855
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

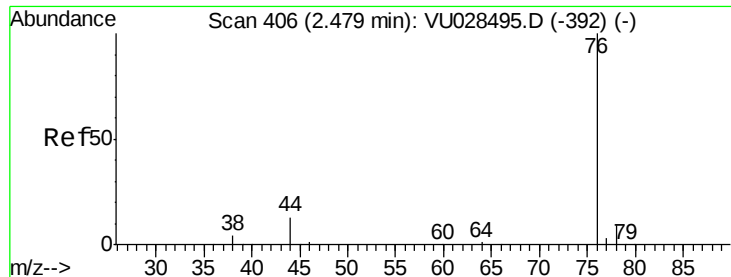


#16

Acetone
 Concen: 0.883 ug/l
 RT: 2.35 min Scan# 366
 Delta R.T. 0.03 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

Tgt Ion: 43 Resp: 1043
 Ion Ratio Lower Upper
 43 100
 58 39.4 24.6 37.0#

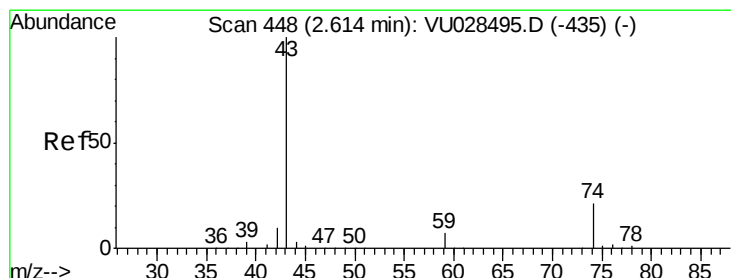
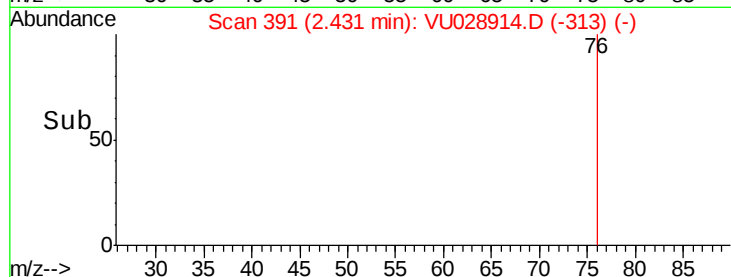
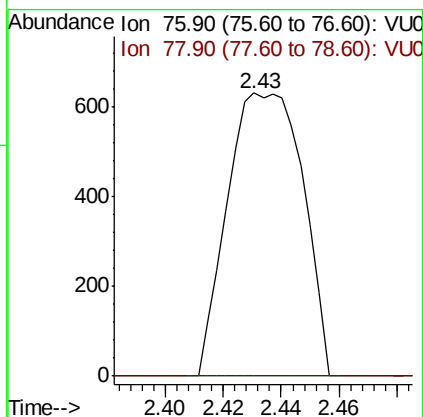
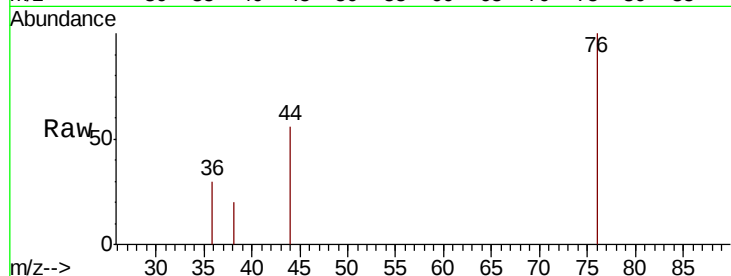




#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 2.43 min Scan# 391
Delta R.T. -0.05 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

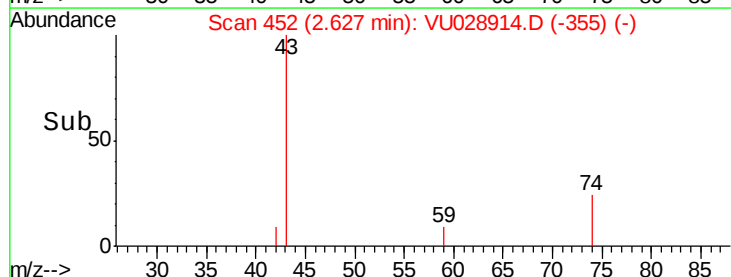
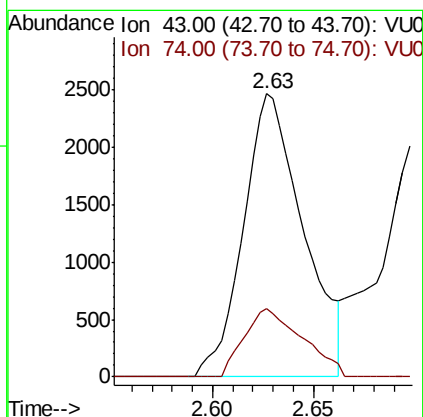
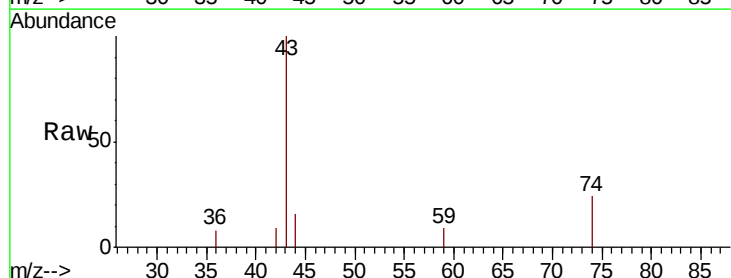
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

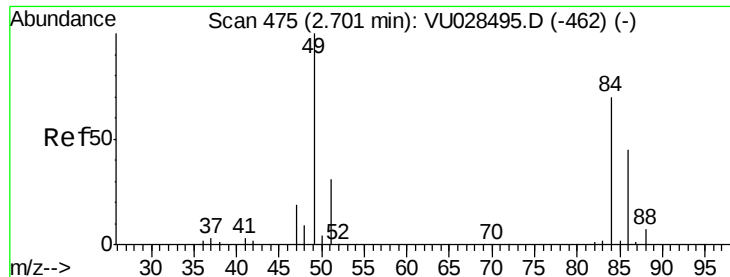
Tgt Ion: 76 Resp: 1138
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.667 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion: 43 Resp: 5104
Ion Ratio Lower Upper
43 100
74 23.5 16.4 24.6

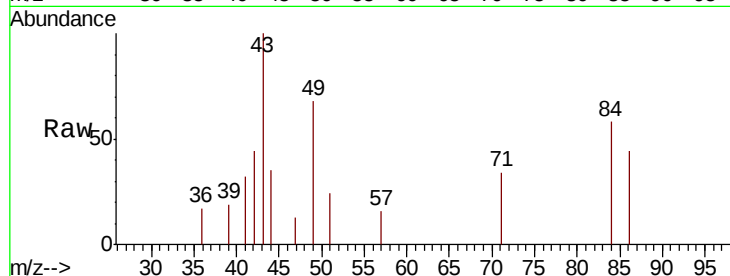




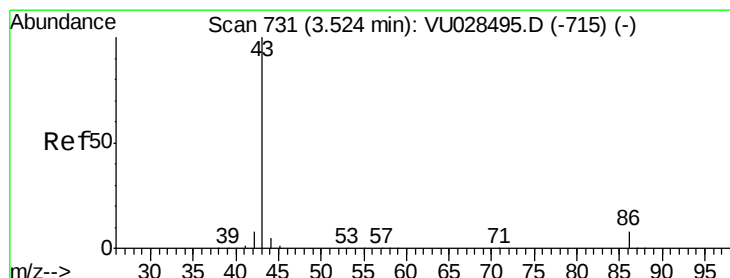
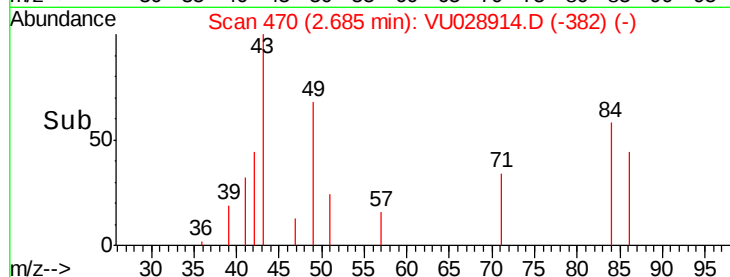
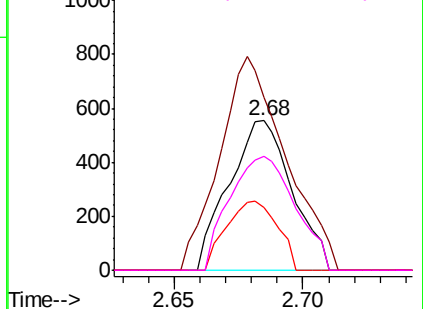
#20
Methylene Chloride
Concen: 0.542 ug/l
RT: 2.68 min Scan# 470
Delta R.T. -0.02 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

Tgt Ion: 84 Resp: 943
Ion Ratio Lower Upper
84 100
49 116.1 114.0 171.0
51 41.8 35.1 52.7
86 75.9 51.0 76.6

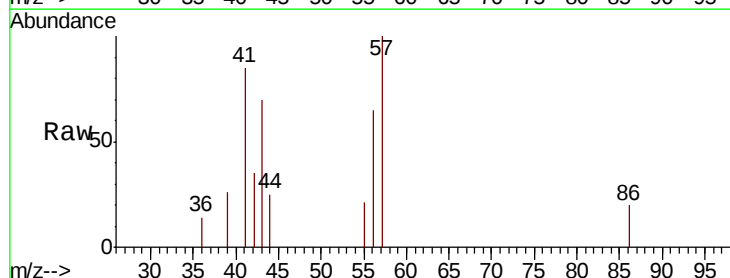


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

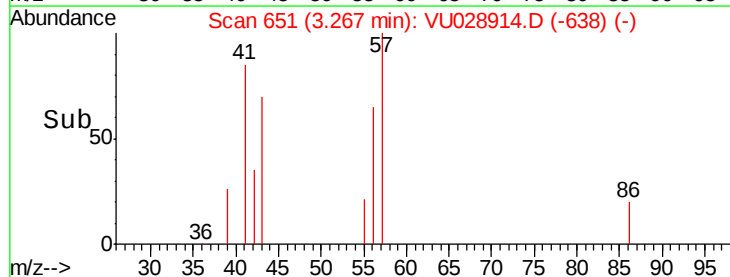
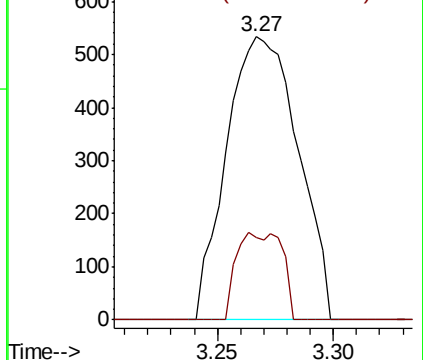


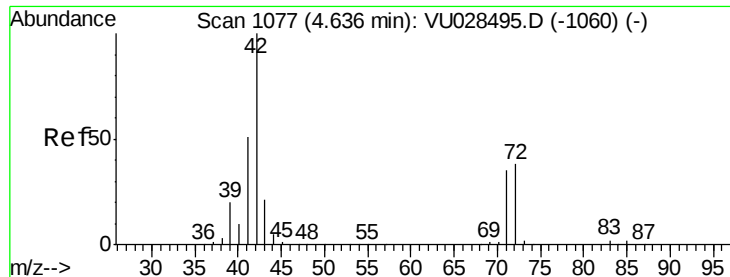
#23
Vinyl Acetate
Concen: 0.229 ug/l
RT: 3.27 min Scan# 651
Delta R.T. -0.26 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
86 29.1 6.8 10.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 86.00 (85.70 to 86.70): VU0





#29

Tetrahydrofuran

Concen: 0.300 ug/l

RT: 4.67 min Scan# 1087

Delta R.T. 0.03 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Instrument :

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ClientSampleId :

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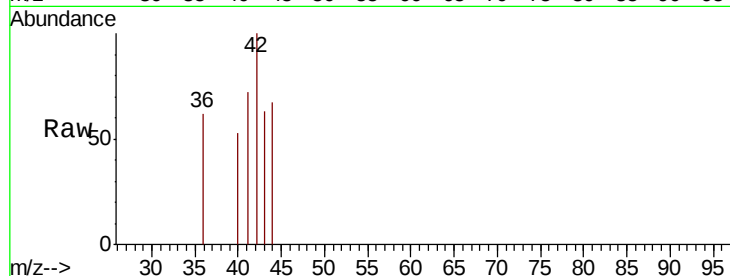
Tgt Ion: 42 Resp: 311

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

71 0.0 28.6 43.0#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

250

200

150

100

50

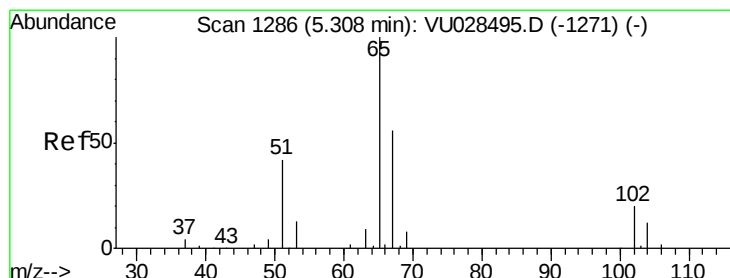
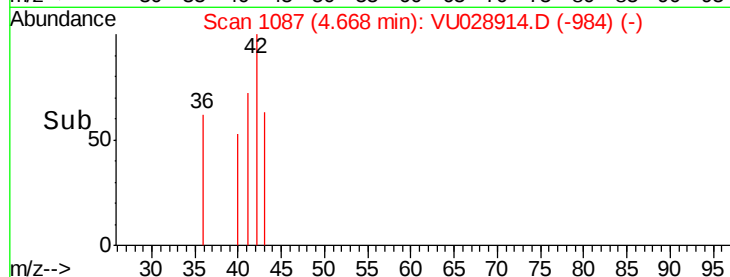
0

4.64

4.66

4.68

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.214 ug/l

RT: 5.30 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VU028914.D

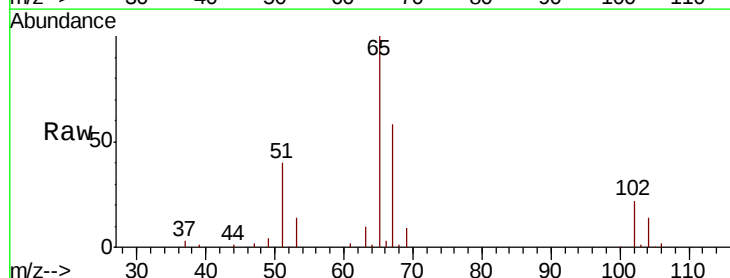
Acq: 22 Dec 2018 15:00

Tgt Ion: 65 Resp: 76420

Ion Ratio Lower Upper

65 100

67 56.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

40000

30000

20000

10000

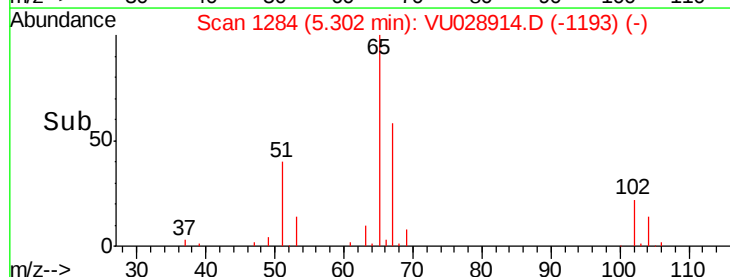
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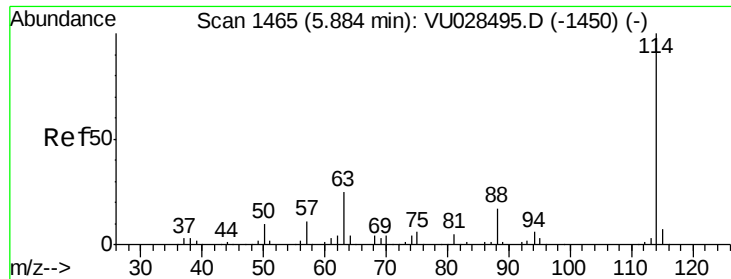
5.20

5.30

5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

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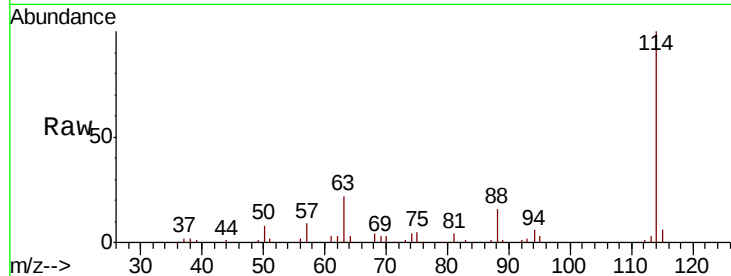
Tgt Ion:114 Resp: 203173

Ion Ratio Lower Upper

114 100

63 22.2 0.0 49.2

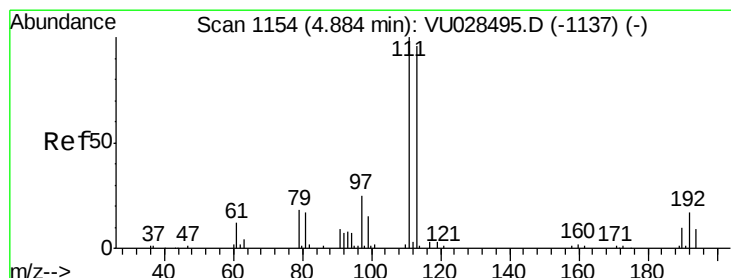
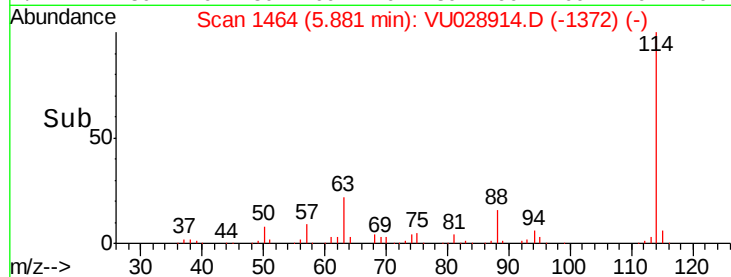
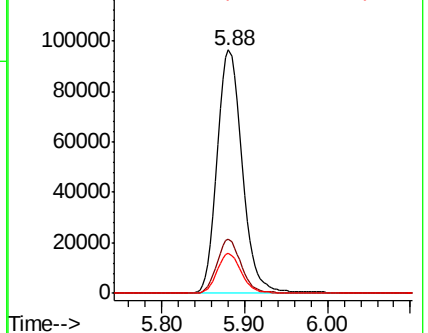
88 16.3 0.0 33.4



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: 51.585 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

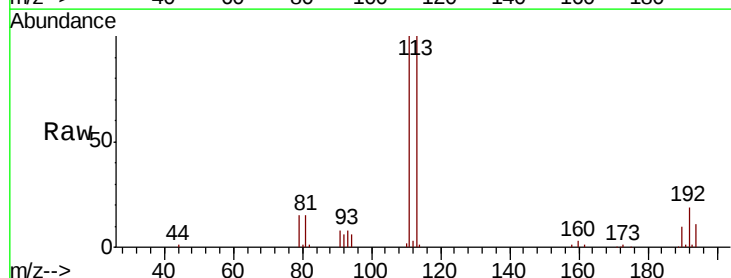
Tgt Ion:113 Resp: 65956

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.0

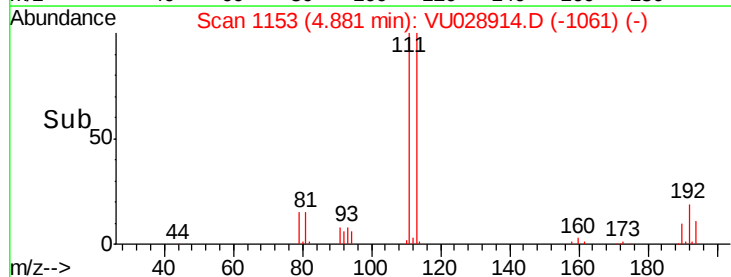
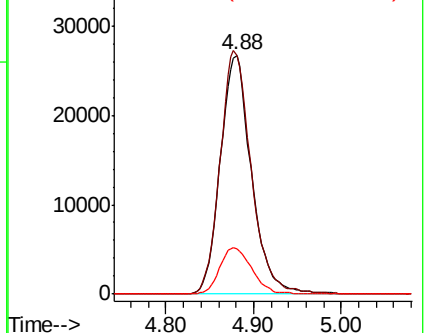
192 19.9 14.8 22.2

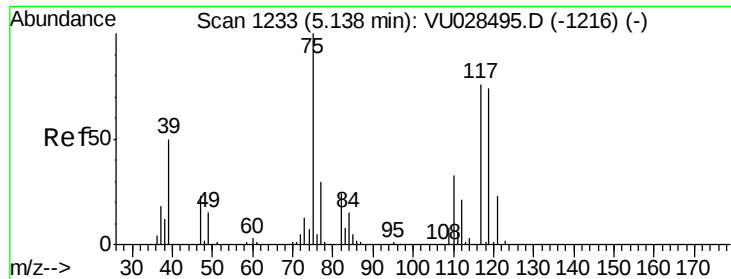


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

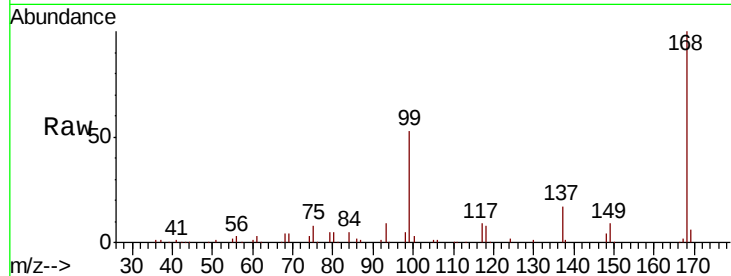




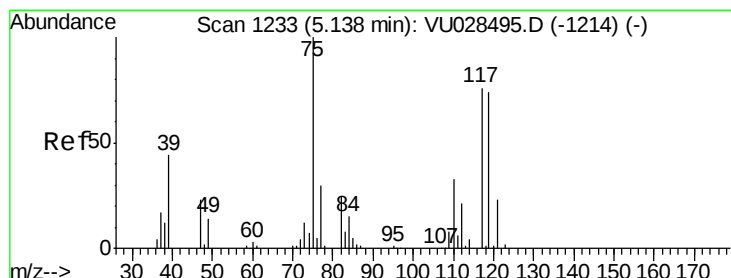
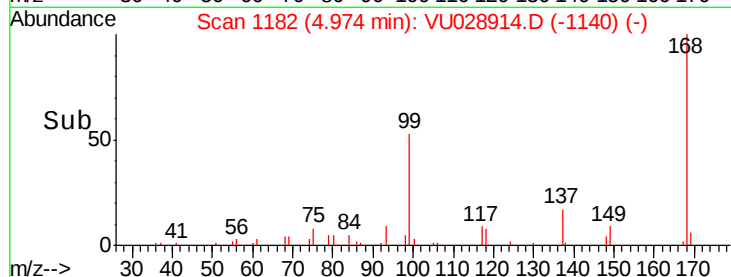
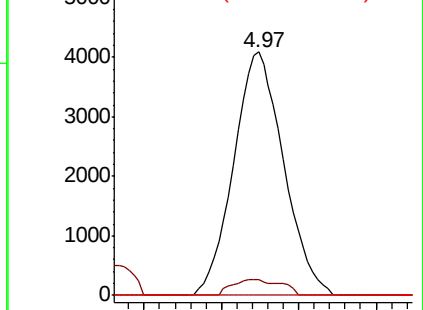
#36
 1,1-Dichloropropene
 Concen: 4.113 ug/l
 RT: 4.97 min Scan# 1182
 Delta R.T. -0.16 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3642-01ME

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.8	16.1	48.2#
77	0.0	24.5	36.7#

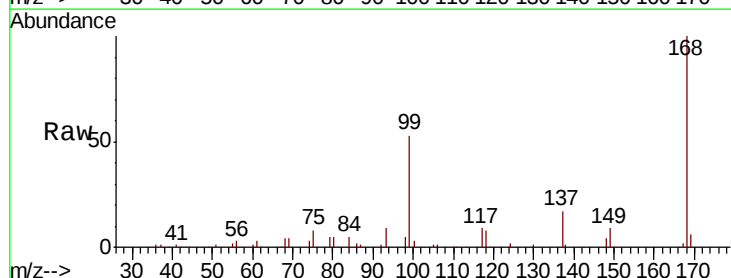


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

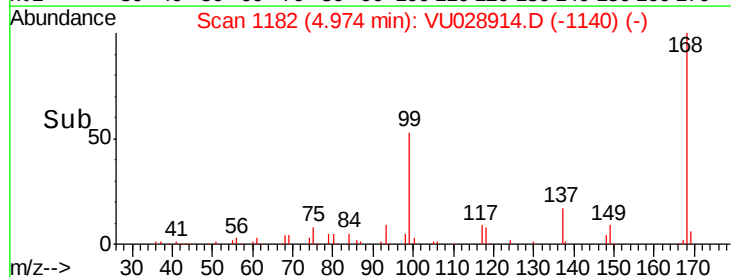
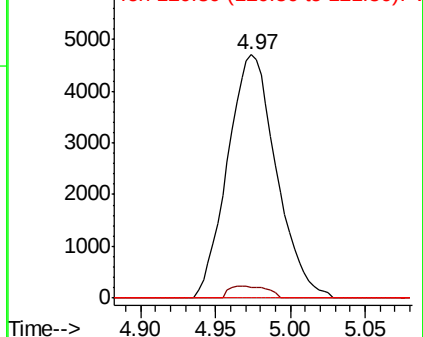


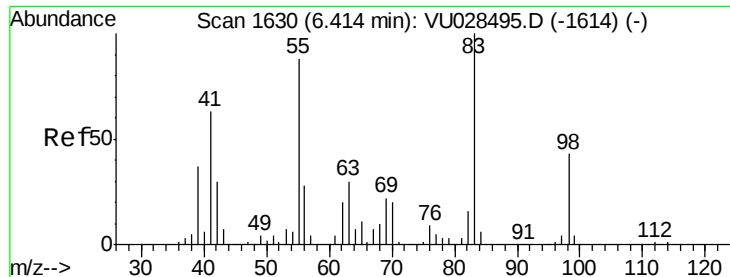
#38
 Carbon Tetrachloride
 Concen: 5.957 ug/l
 RT: 4.97 min Scan# 1182
 Delta R.T. -0.16 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	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

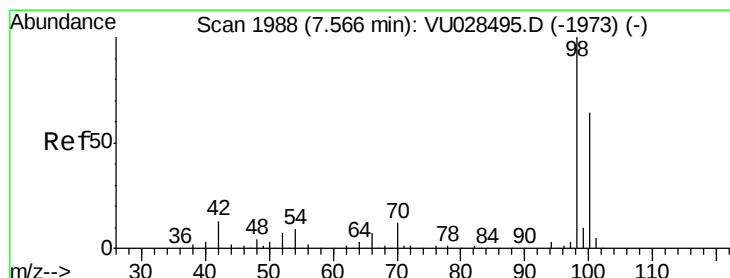
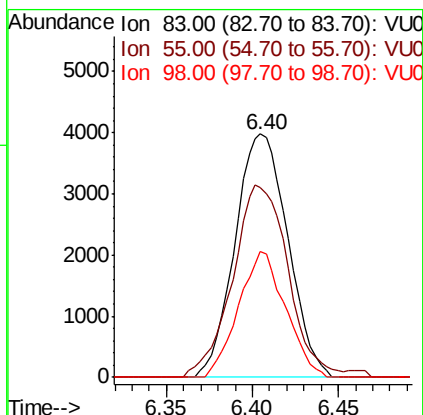
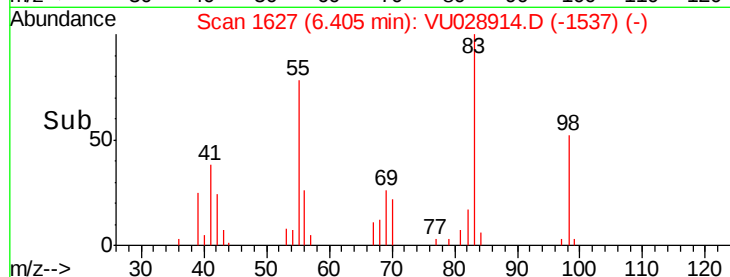
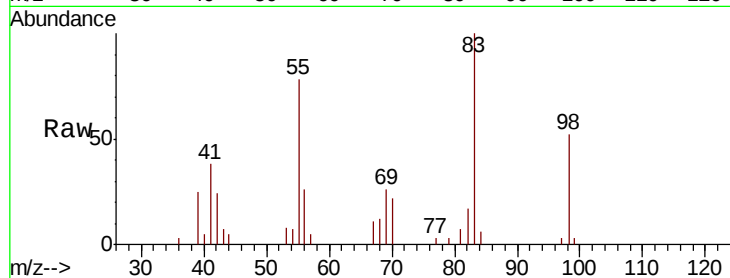




#39
Methylcyclohexane
Concen: 3.125 ug/l
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

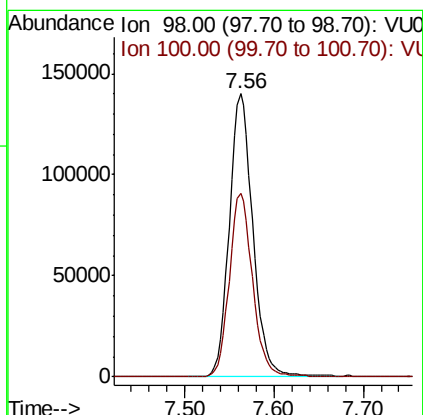
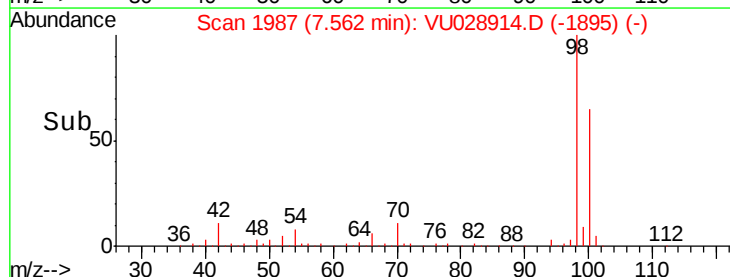
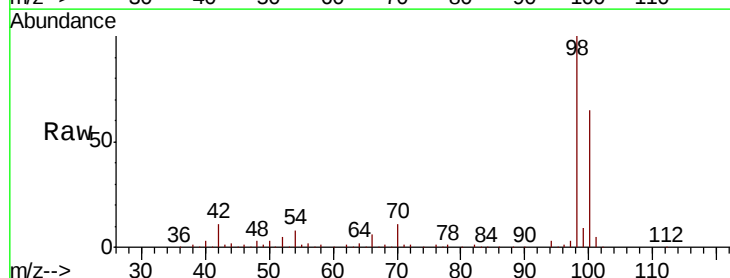
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

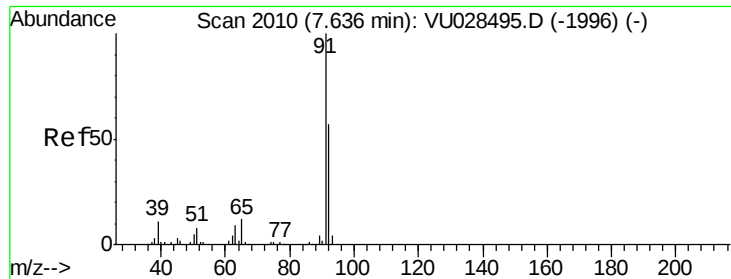
Tgt Ion: 83 Resp: 8477
Ion Ratio Lower Upper
83 100
55 75.4 70.2 105.2
98 51.6 34.2 51.4#



#50
Toluene-d8
Concen: 50.709 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion: 98 Resp: 256477
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6





#52

Toluene

Concen: 1.212 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

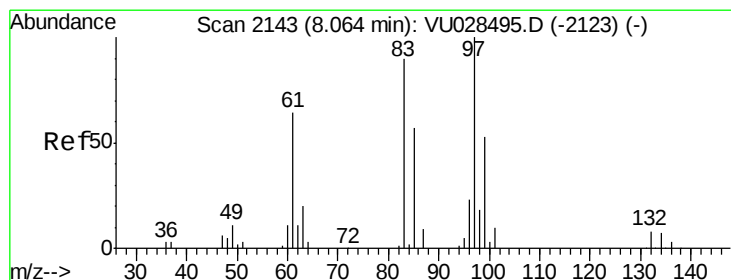
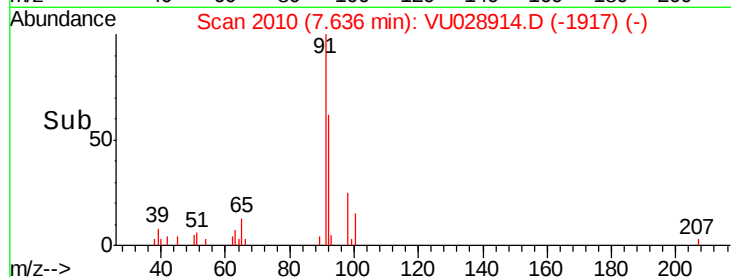
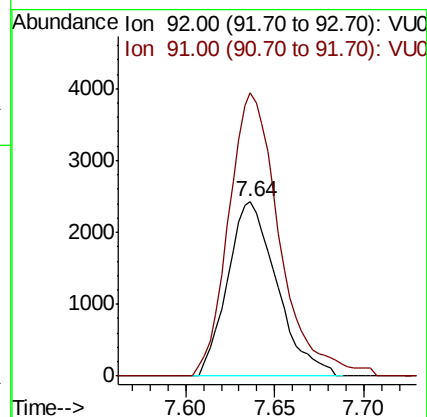
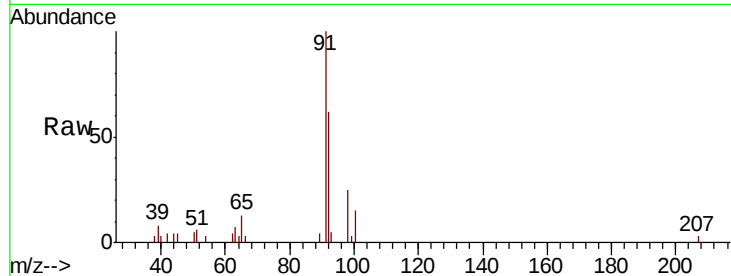
P001-SS013B-3642-01ME

Tgt Ion: 92 Resp: 4670

Ion Ratio Lower Upper

92 100

91 167.9 140.2 210.4



#55

1,1,2-Trichloroethane

Concen: 1.734 ug/l

RT: 8.04 min Scan# 2136

Delta R.T. -0.02 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Tgt Ion: 97 Resp: 2642

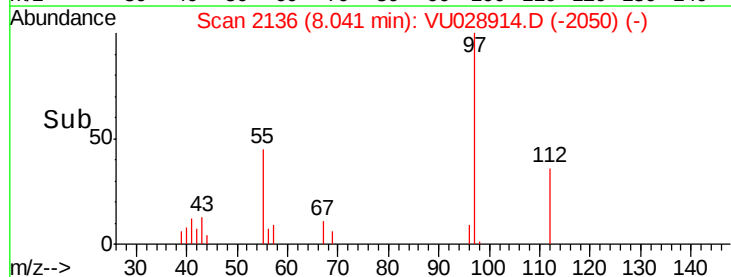
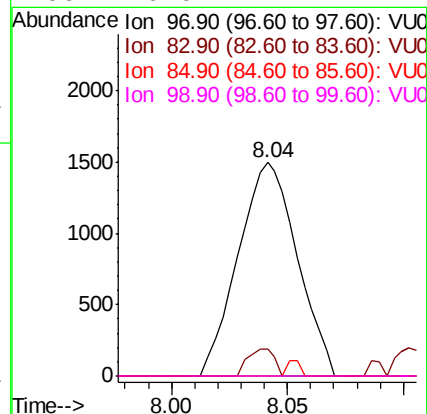
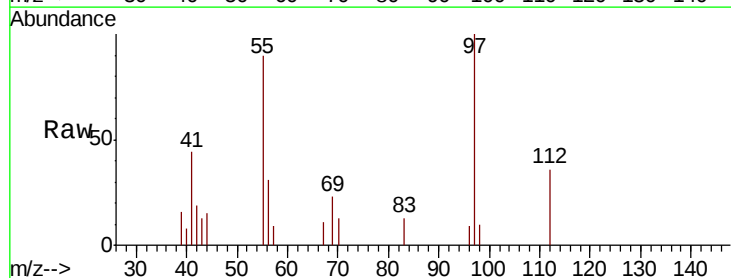
Ion Ratio Lower Upper

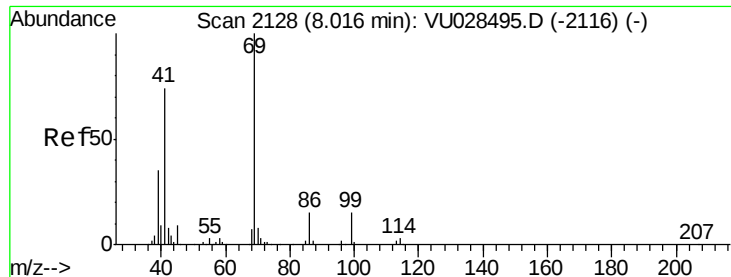
97 100

83 12.6 72.4 108.6#

85 0.0 46.0 69.0#

99 0.0 47.4 71.2#

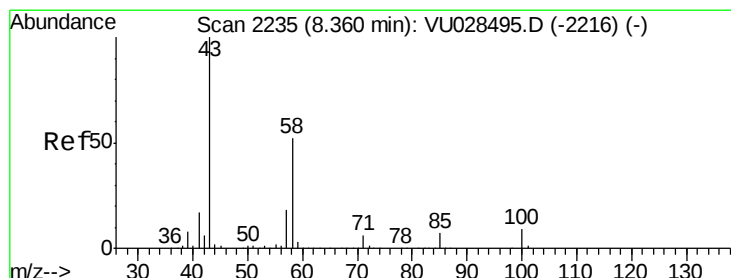
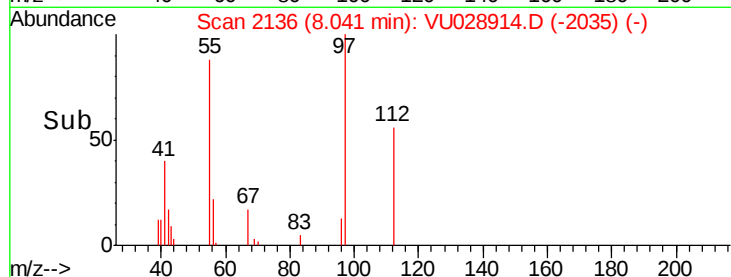
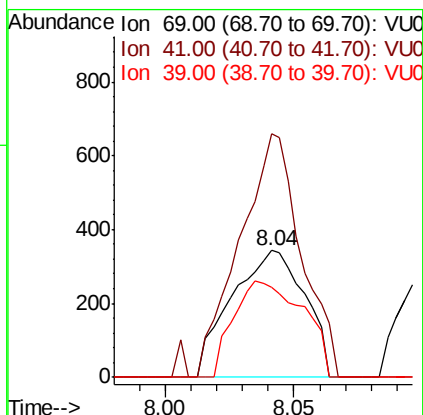
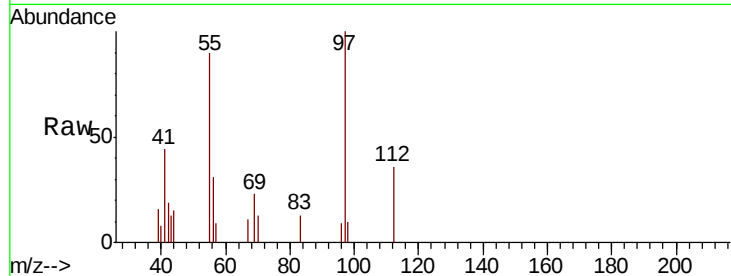




#56
Ethyl methacrylate
Concen: 0.261 ug/l
RT: 8.04 min Scan# 2136
Delta R.T. 0.03 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

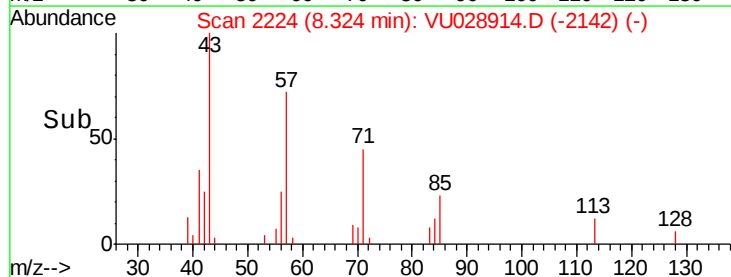
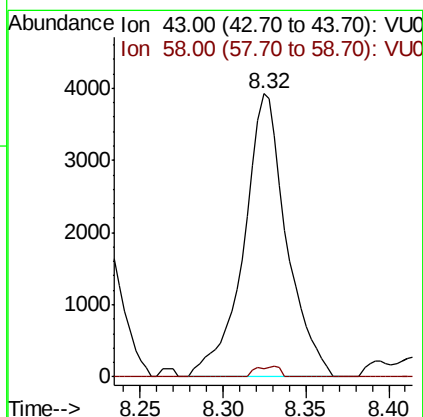
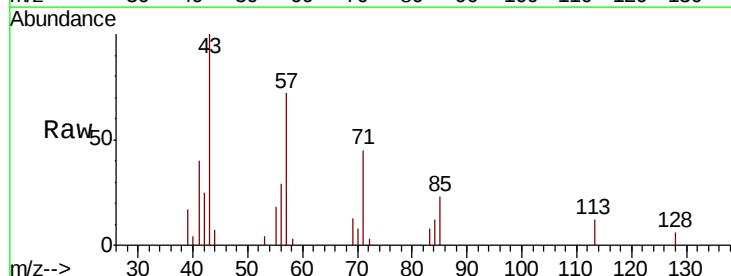
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

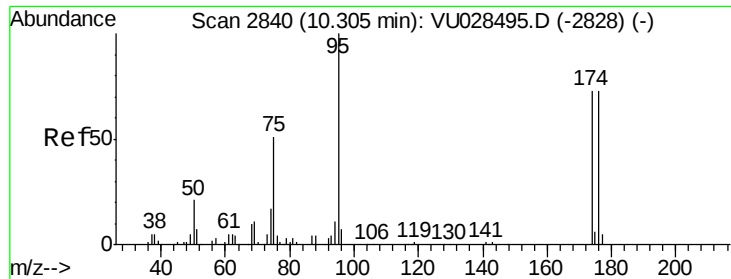
Tgt Ion: 69 Resp: 681
Ion Ratio Lower Upper
69 100
41 161.8 59.1 88.7#
39 71.8 28.4 42.6#



#59
2-Hexanone
Concen: 3.095 ug/l
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion: 43 Resp: 7034
Ion Ratio Lower Upper
43 100
58 2.1 25.9 77.6#

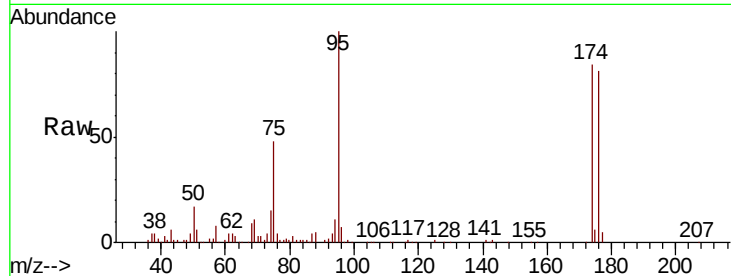




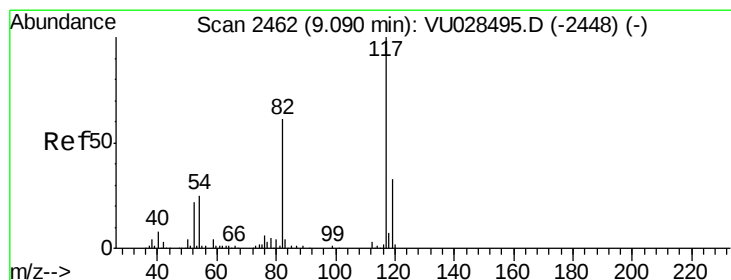
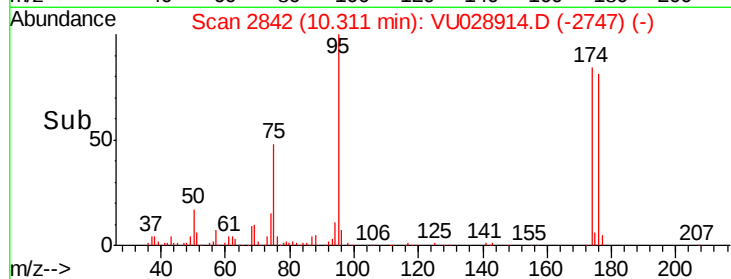
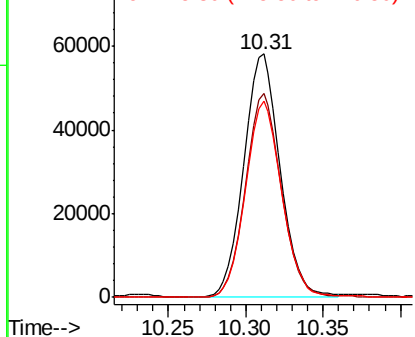
#62
4-Bromofluorobenzene
Concen: 50.092 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.01 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

Tgt Ion: 95 Resp: 94696
Ion Ratio Lower Upper
95 100
174 83.3 0.0 150.4
176 81.2 0.0 145.2

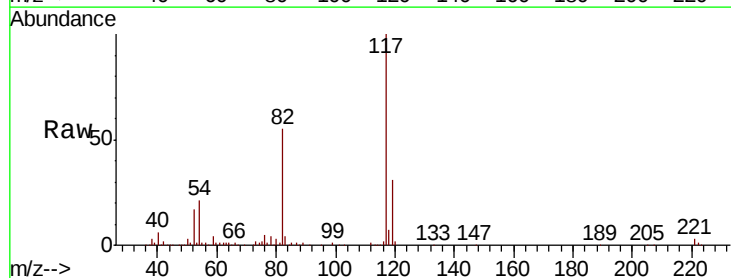


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

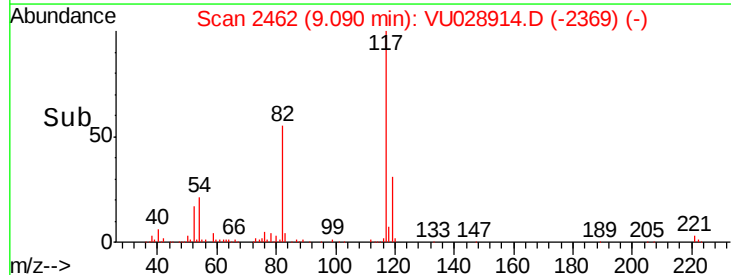
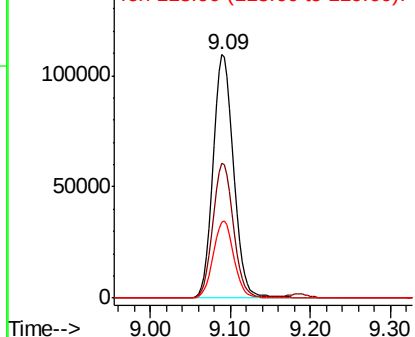


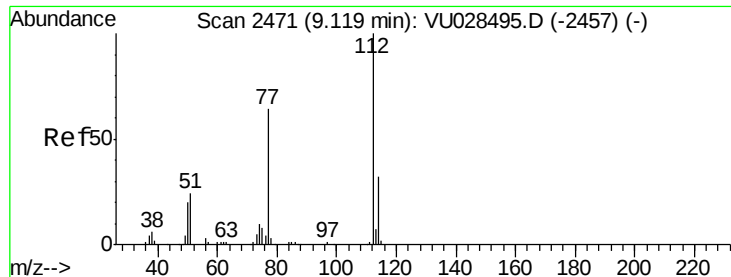
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion: 117 Resp: 196362
Ion Ratio Lower Upper
117 100
82 55.1 48.9 73.3
119 31.2 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

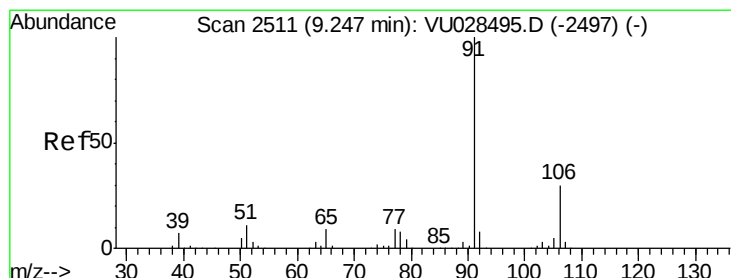
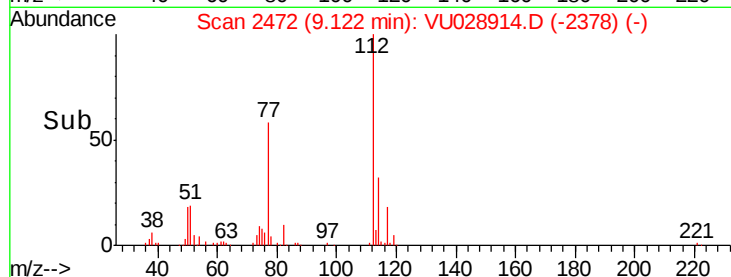
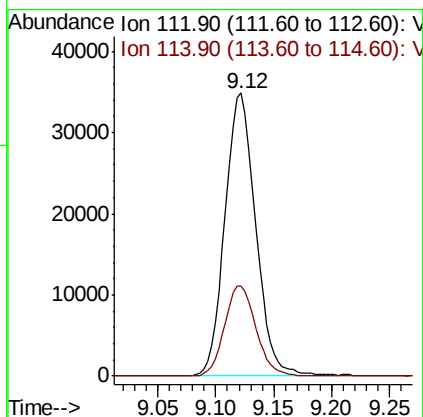
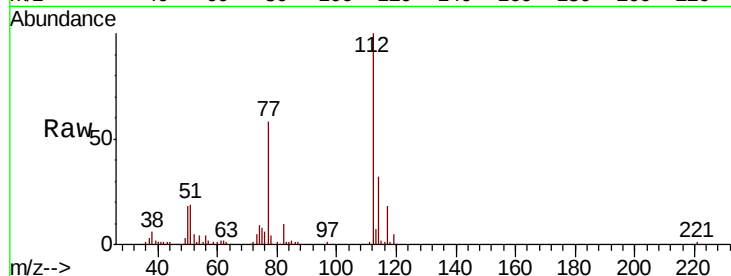




#65
Chlorobenzene
Concen: 15.326 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

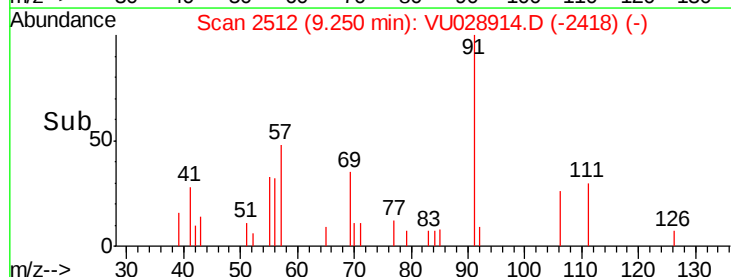
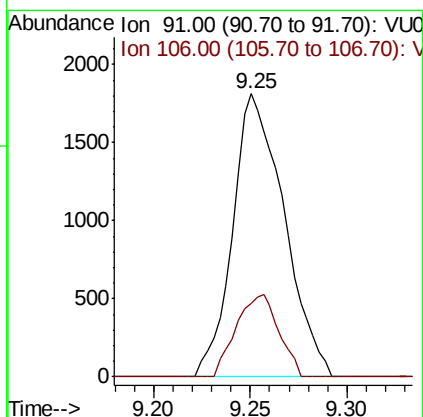
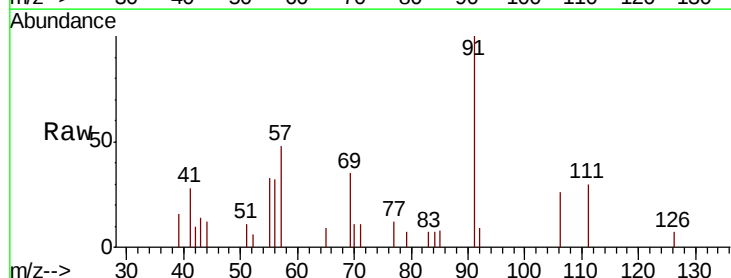
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

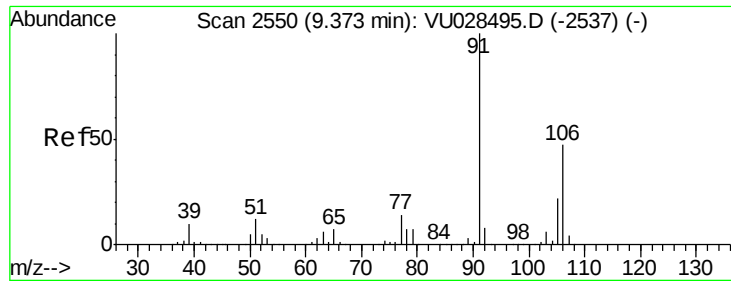
Tgt Ion: 112 Resp: 64127
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#67
Ethyl Benzene
Concen: 0.434 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion: 91 Resp: 3341
Ion Ratio Lower Upper
91 100
106 26.0 24.1 36.1

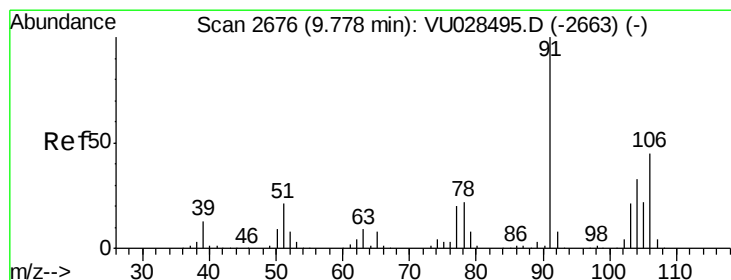
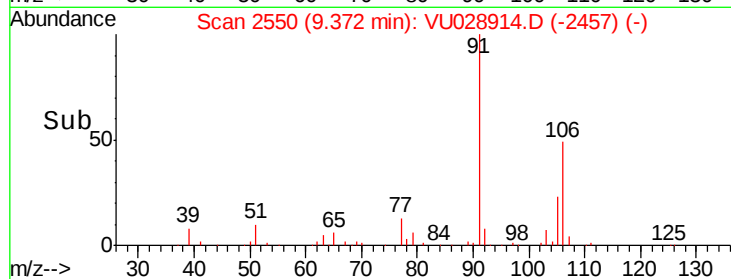
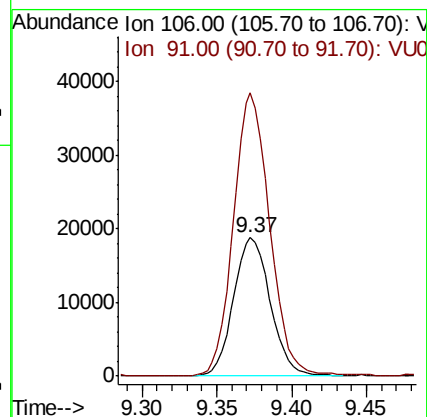
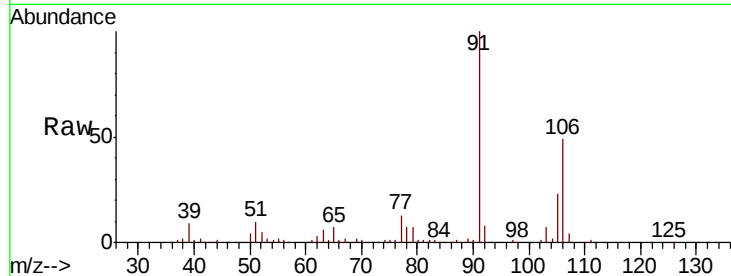




#68
m/p-Xylenes
Concen: 11.557 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

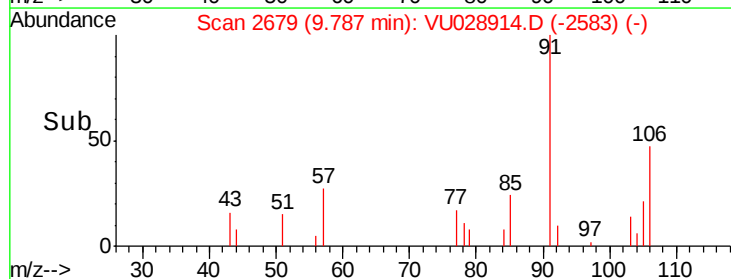
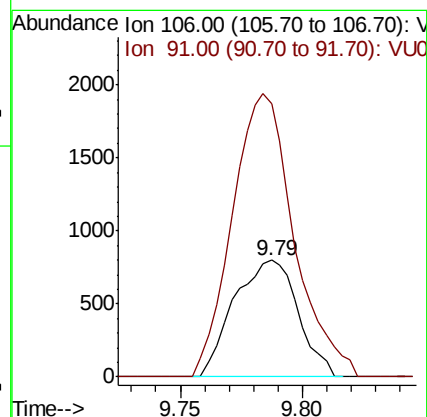
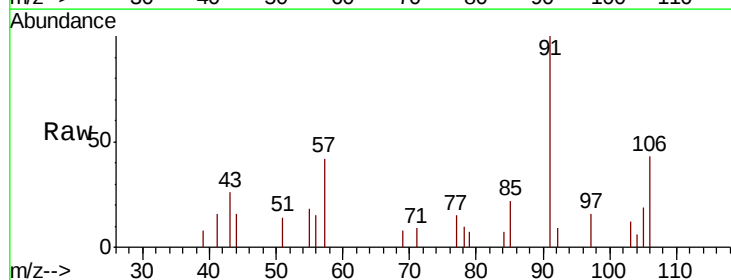
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

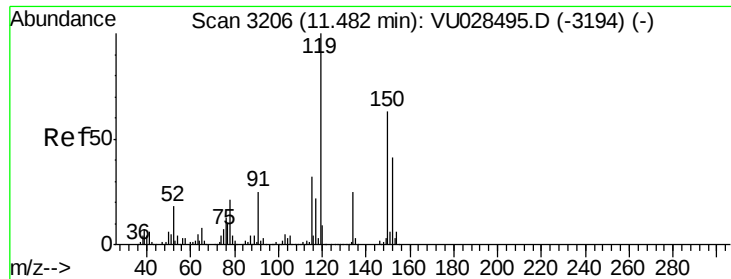
Tgt Ion:106 Resp: 32347
Ion Ratio Lower Upper
106 100
91 200.8 167.4 251.0



#69
o-Xylene
Concen: 0.536 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion:106 Resp: 1458
Ion Ratio Lower Upper
106 100
91 233.2 111.3 334.0



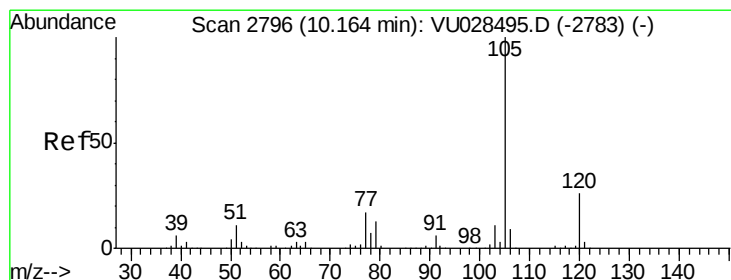
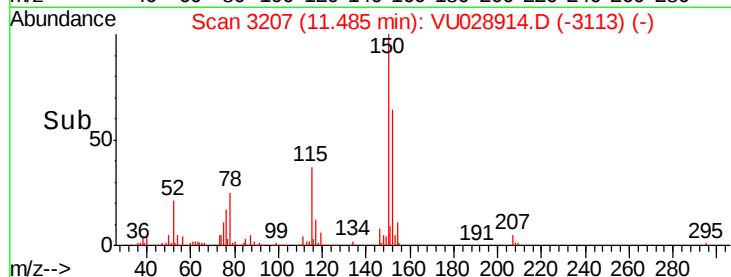
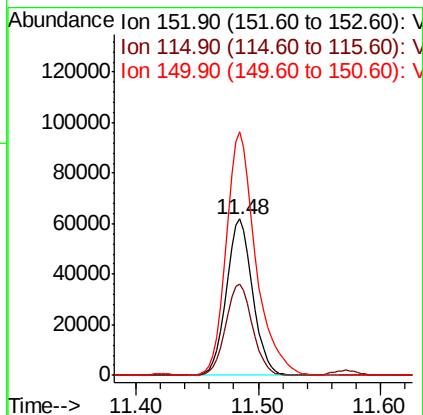
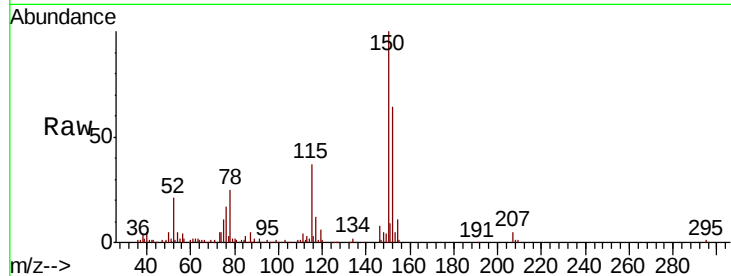


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

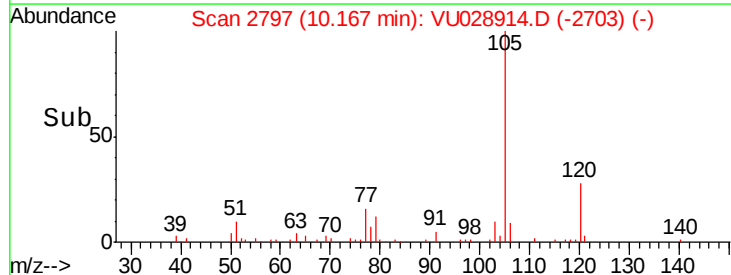
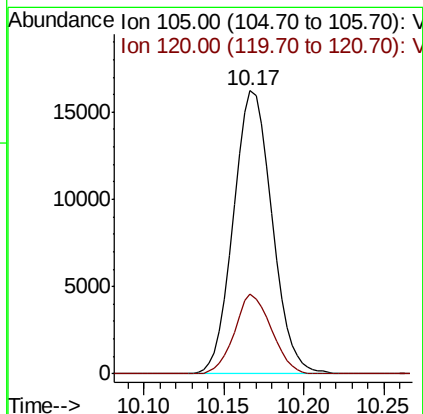
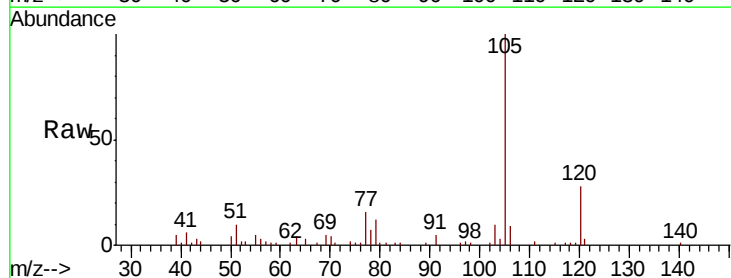
Tgt Ion:152 Resp: 93551
Ion Ratio Lower Upper
152 100
115 59.5 42.7 128.1
150 173.8 0.0 346.0

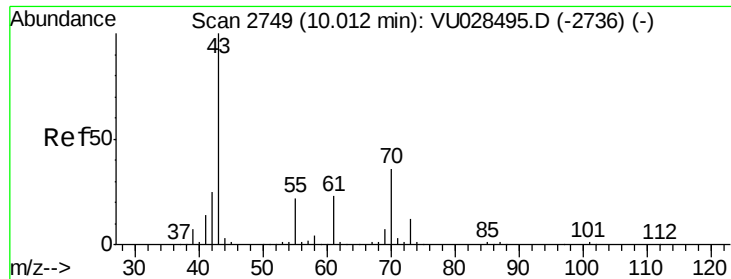


#73

Isopropylbenzene
Concen: 3.722 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion:105 Resp: 26720
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6





#74

N-amyI acetate

Concen: 0.334 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-3642-01ME

Tgt Ion: 43 Resp: 1381

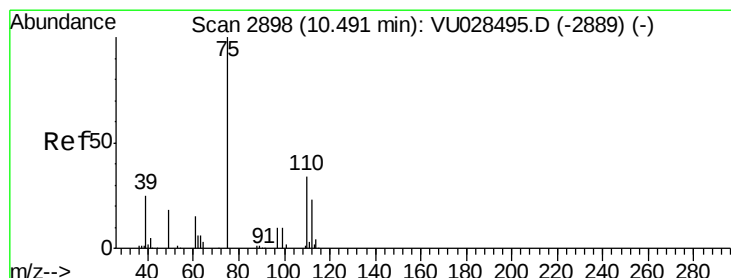
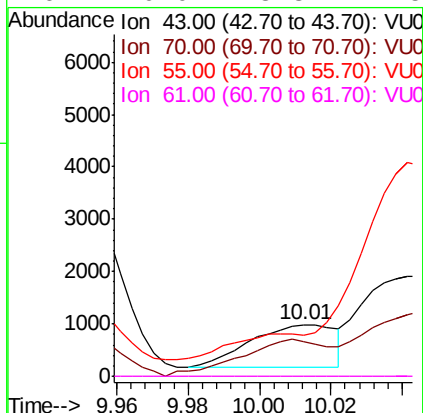
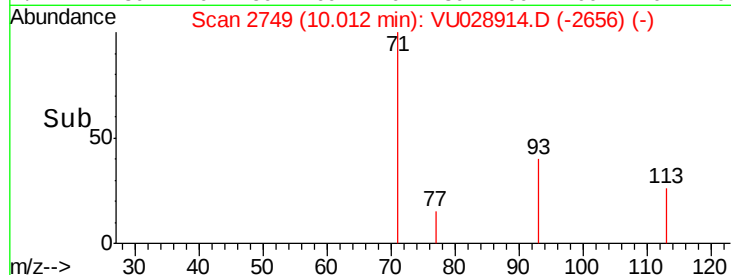
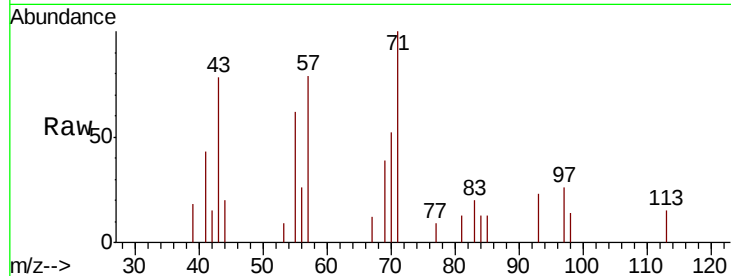
Ion Ratio Lower Upper

43 100

70 80.9 29.3 43.9#

55 50.6 18.0 27.0#

61 0.0 18.3 27.5#



#76

1,2,3-Trichloropropane

Concen: 4.977 ug/l

RT: 10.61 min Scan# 2934

Delta R.T. 0.12 min

Lab File: VU028914.D

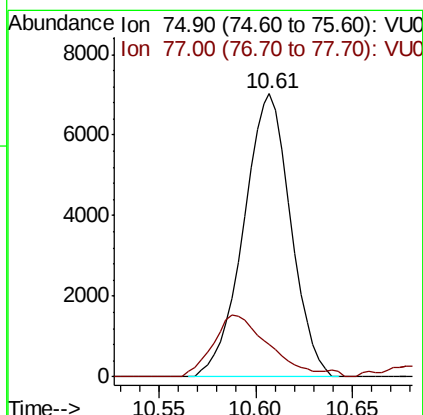
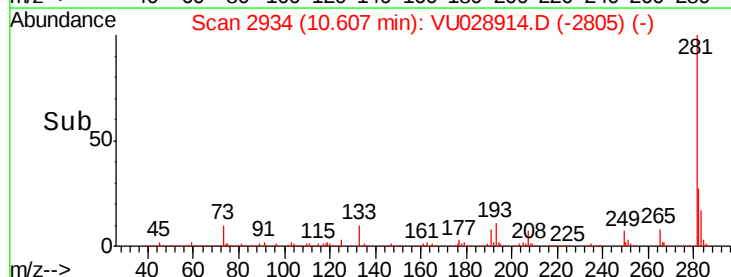
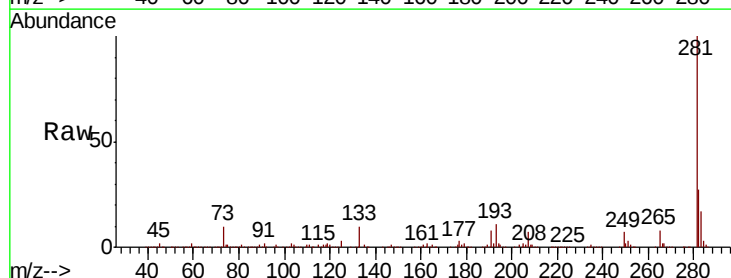
Acq: 22 Dec 2018 15:00

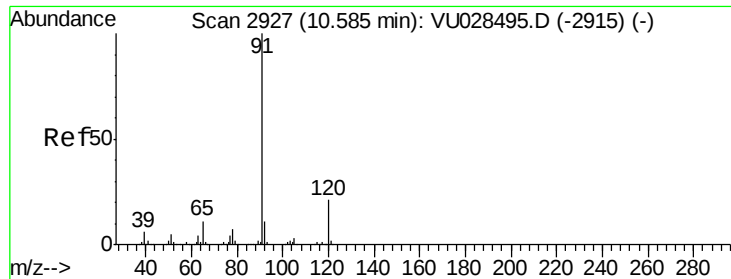
Tgt Ion: 75 Resp: 11890

Ion Ratio Lower Upper

75 100

77 25.7 20.8 62.4





#78

n-propylbenzene

Concen: 6.453 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

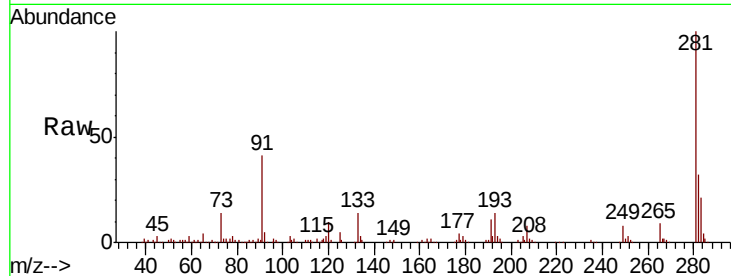
P001-SS013B-3642-01ME

Tgt Ion: 91 Resp: 57557

Ion Ratio Lower Upper

91 100

120 24.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

10.59

40000

30000

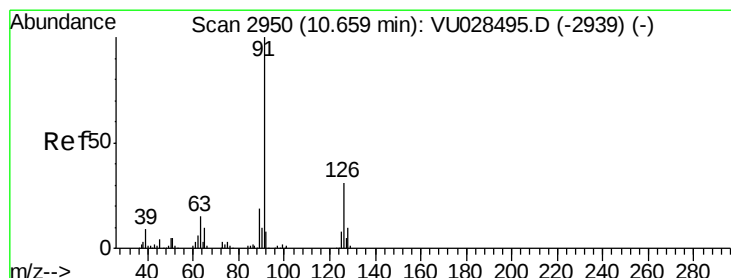
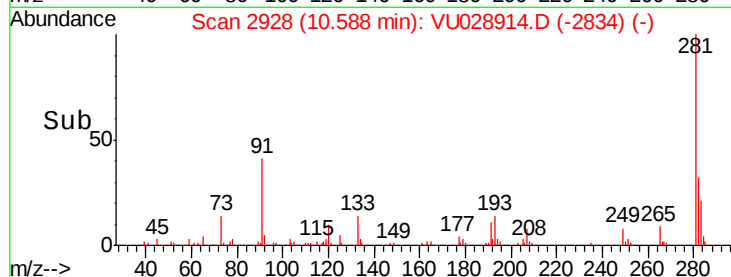
20000

10000

0

10.55 10.60 10.65

Time-->



#79

2-Chlorotoluene

Concen: 11.202 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.07 min

Lab File: VU028914.D

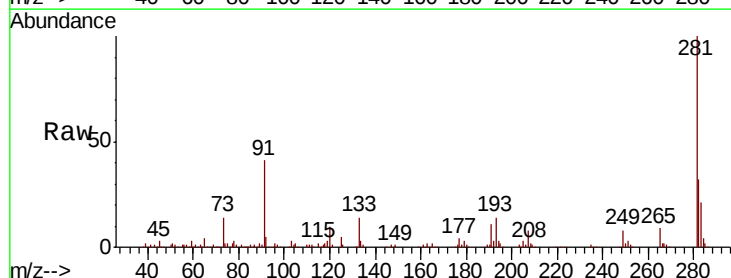
Acq: 22 Dec 2018 15:00

Tgt Ion: 91 Resp: 57557

Ion Ratio Lower Upper

91 100

126 0.8 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

10.59

40000

30000

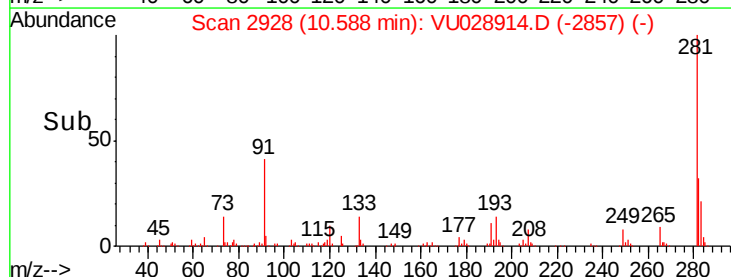
20000

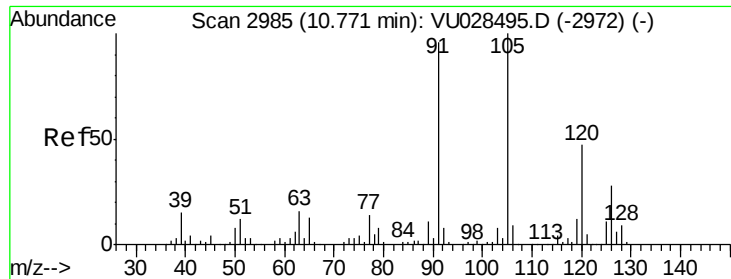
10000

0

10.55 10.60 10.65

Time-->

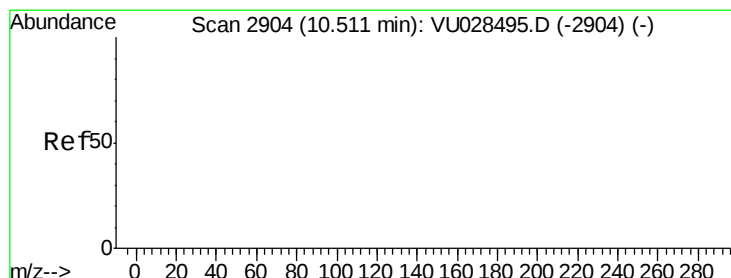
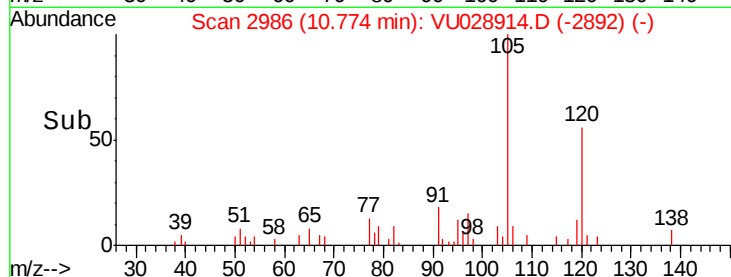
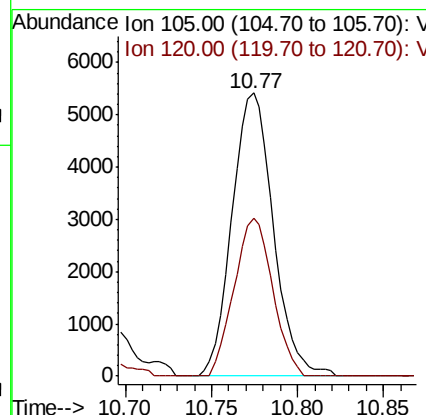
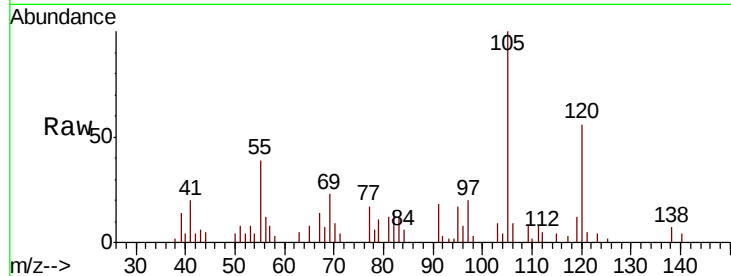




#80
 1,3,5-Trimethylbenzene
 Concen: 1.519 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

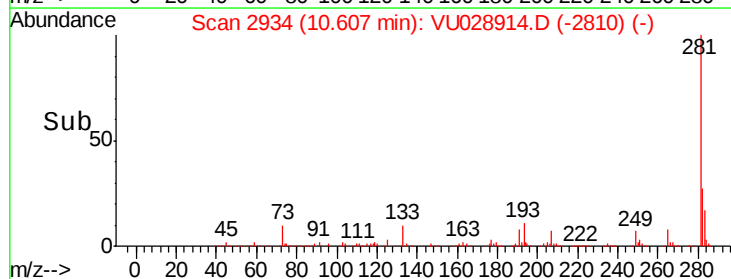
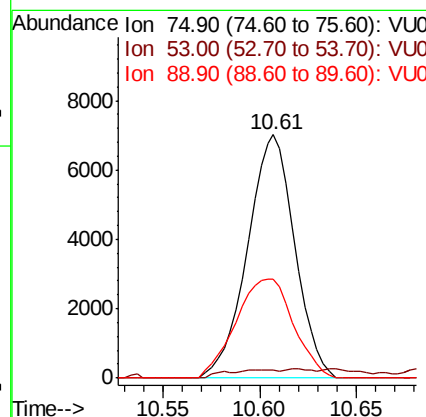
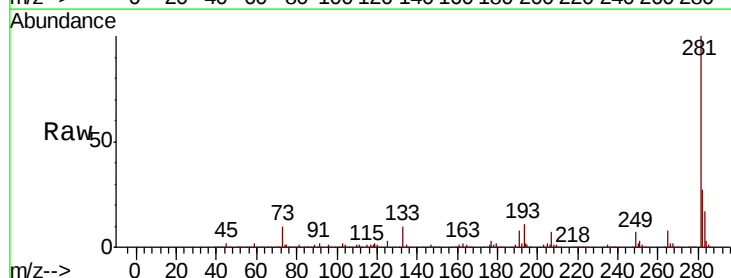
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3642-01ME

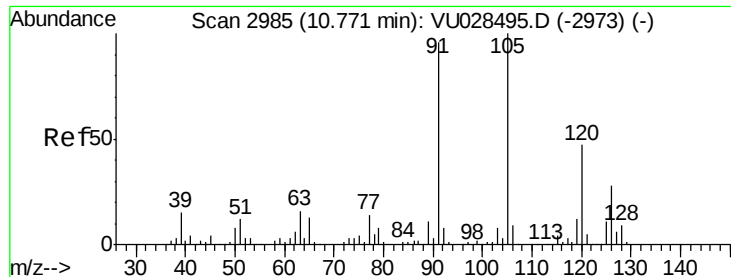
Tgt Ion: 105 Resp: 9028
 Ion Ratio Lower Upper
 105 100
 120 51.8 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 12.633 ug/l
 RT: 10.61 min Scan# 2934
 Delta R.T. 0.10 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

Tgt Ion: 75 Resp: 11890
 Ion Ratio Lower Upper
 75 100
 53 3.9 0.0 0.0#
 89 49.7 0.0 0.0#

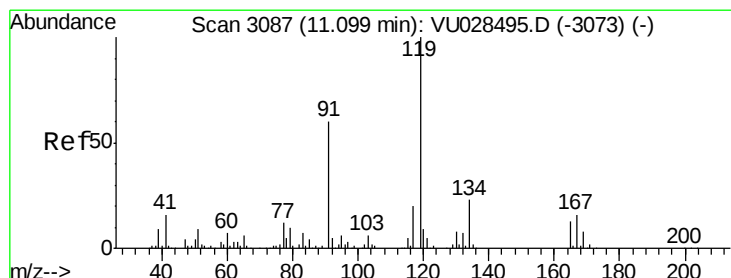
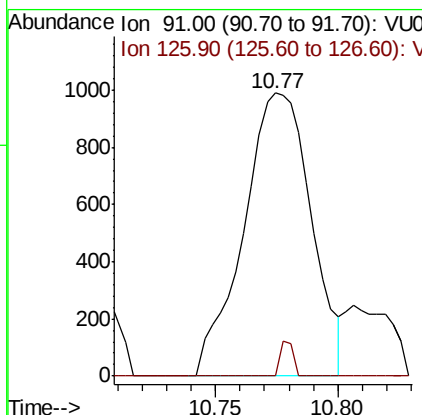
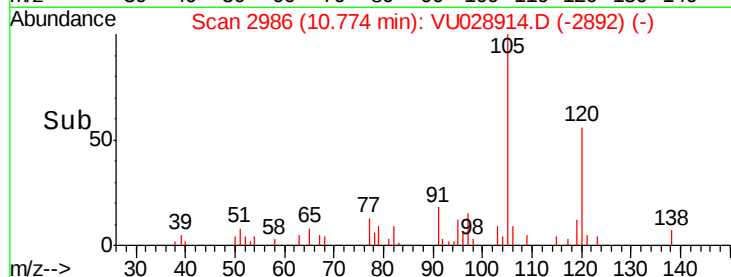
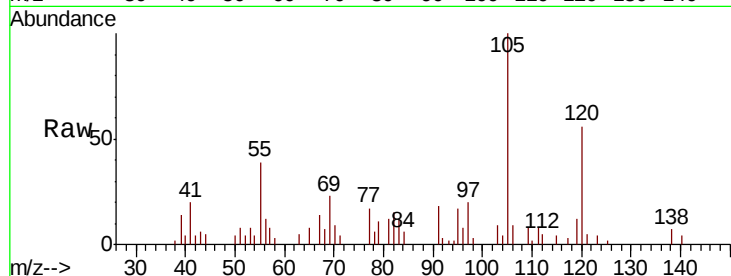




#82
4-Chlorotoluene
Concen: 0.313 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

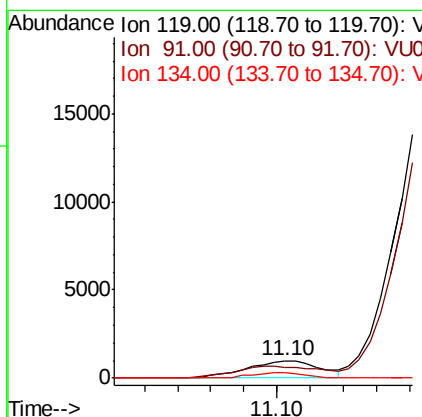
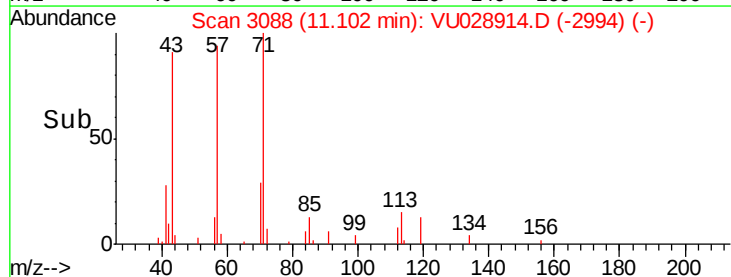
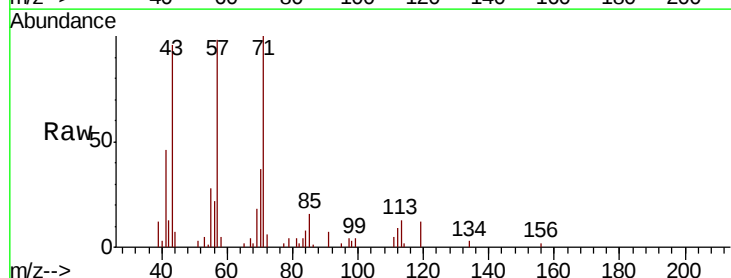
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

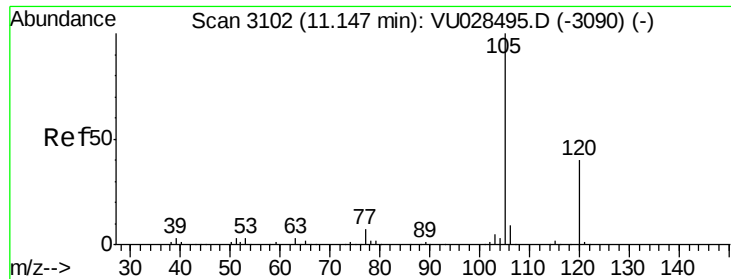
Tgt Ion: 91 Resp: 1906
Ion Ratio Lower Upper
91 100
126 2.4 14.1 42.3#



#83
tert-Butylbenzene
Concen: 0.261 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion: 119 Resp: 1497
Ion Ratio Lower Upper
119 100
91 83.0 30.3 91.0
134 22.0 11.2 33.5

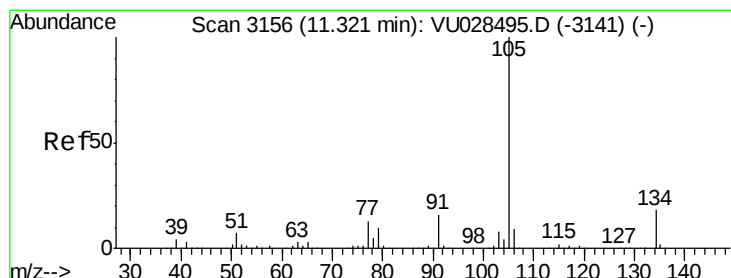
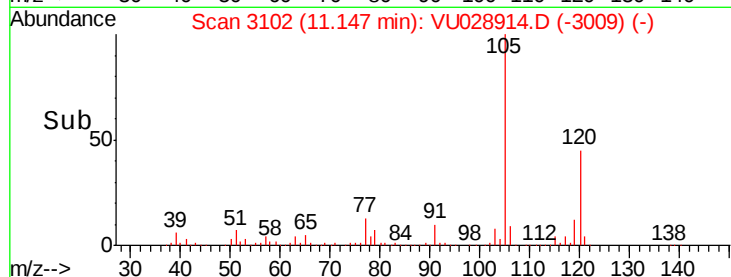
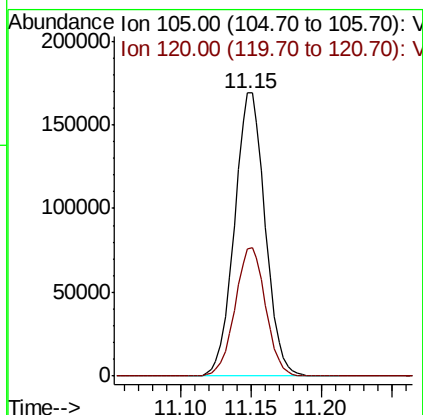
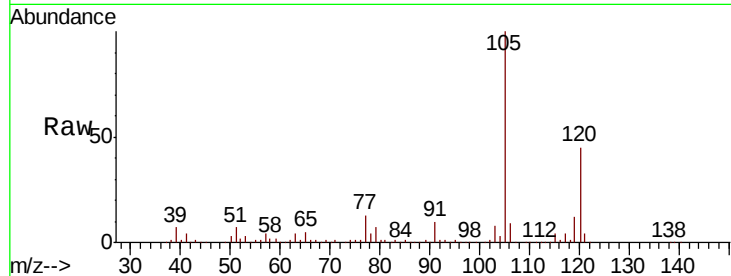




#84
 1,2,4-Trimethylbenzene
 Concen: 42.054 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

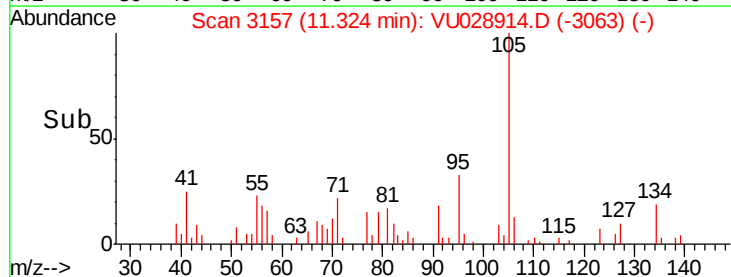
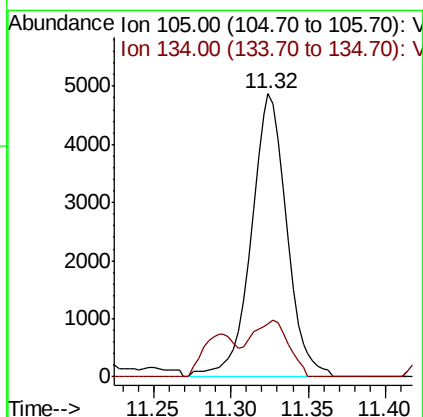
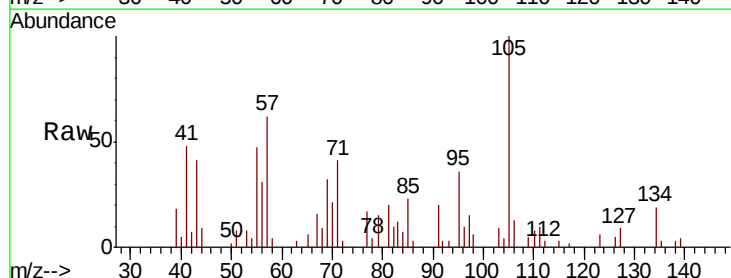
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3642-01ME

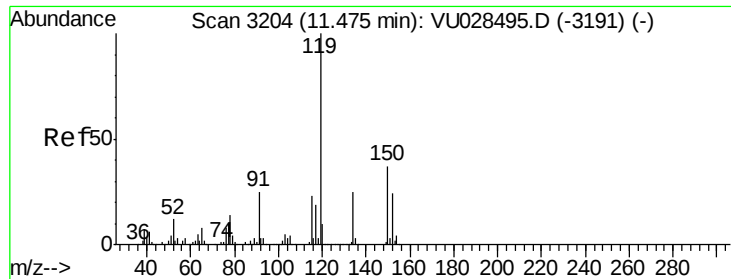
Tgt Ion:105 Resp: 257533
 Ion Ratio Lower Upper
 105 100
 120 45.3 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 1.058 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

Tgt Ion:105 Resp: 7788
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.2 27.6

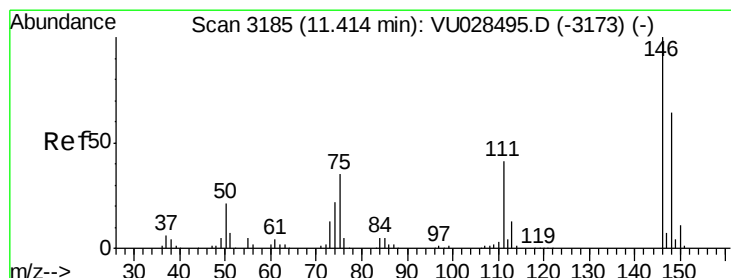
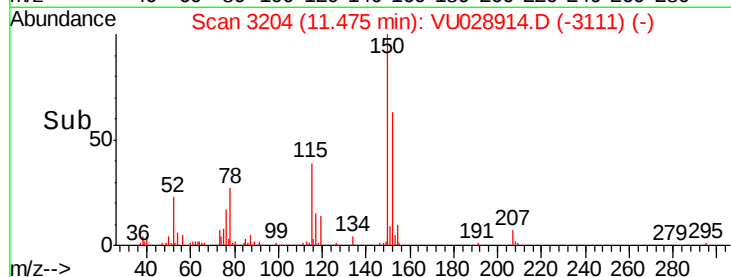
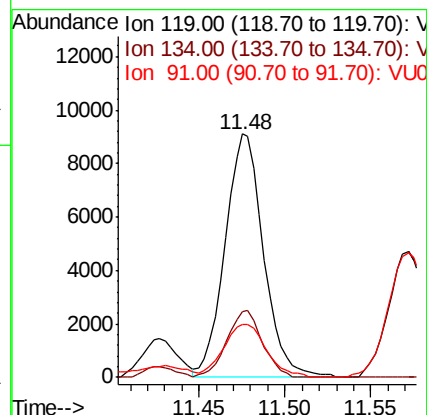
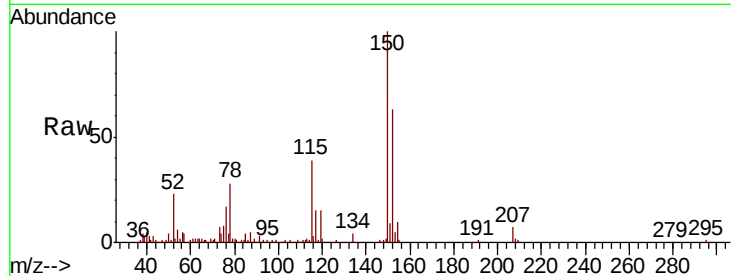




#86
p-Isopropyltoluene
Concen: 2.269 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

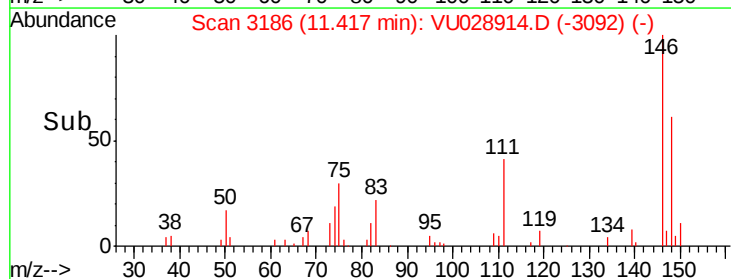
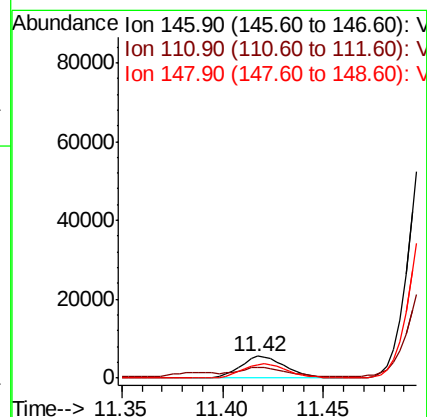
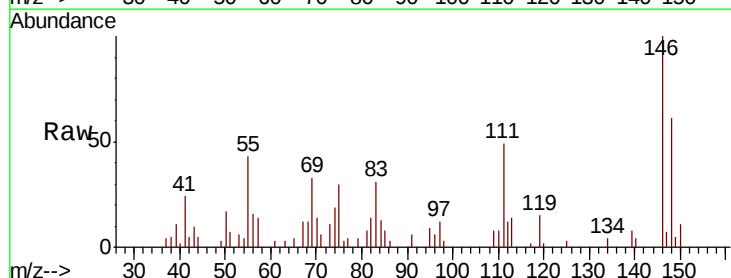
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3642-01ME

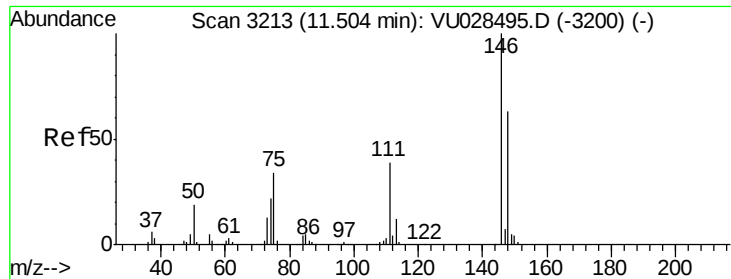
Tgt Ion:119 Resp: 14181
Ion Ratio Lower Upper
119 100
134 25.3 12.7 38.1
91 24.3 12.6 37.6



#87
1,3-Dichlorobenzene
Concen: 2.738 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU028914.D
Acq: 22 Dec 2018 15:00

Tgt Ion:146 Resp: 8681
Ion Ratio Lower Upper
146 100
111 46.7 20.7 62.1
148 64.5 31.9 95.7

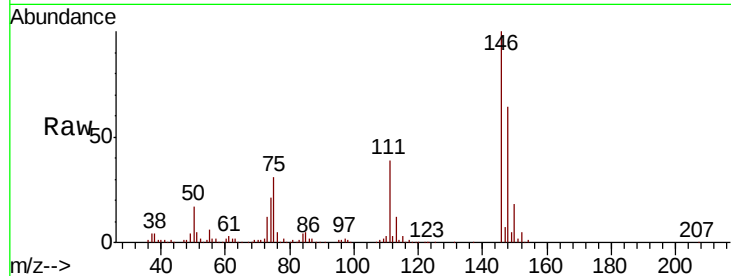




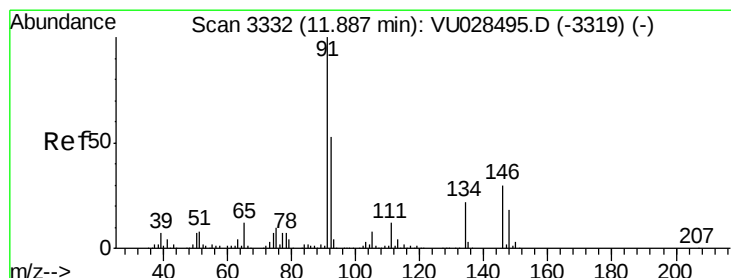
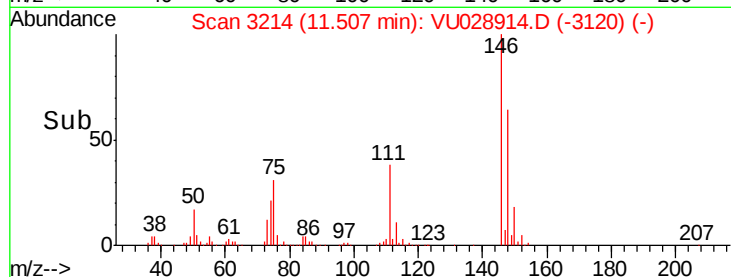
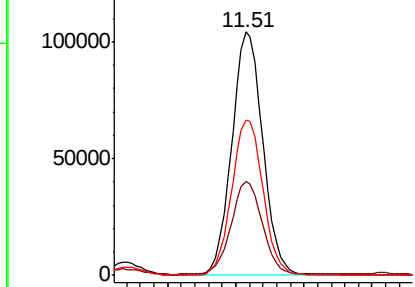
#88
 1,4-Dichlorobenzene
 Concen: 50.259 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3642-01ME

Tgt Ion:146 Resp: 164843
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.2 60.5
 148 64.3 31.6 95.0

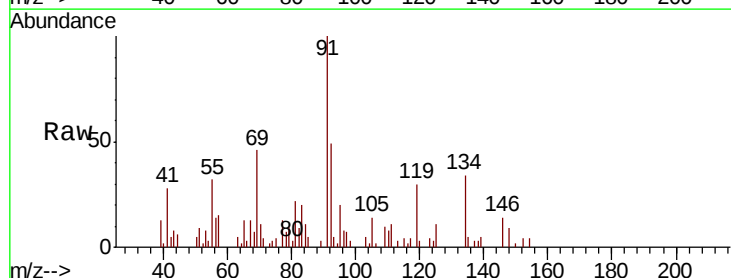


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

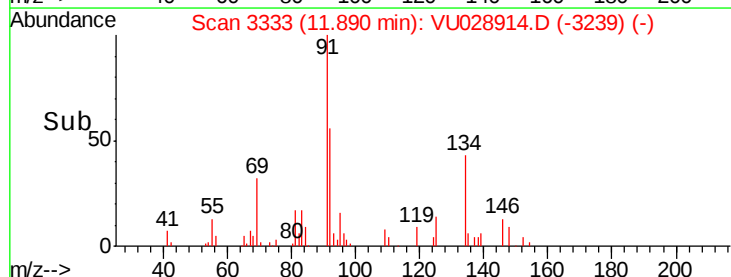
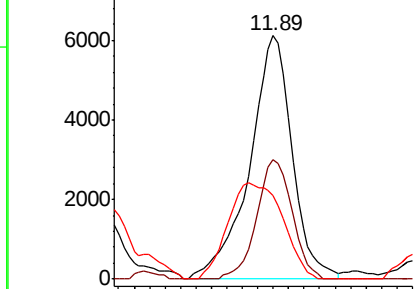


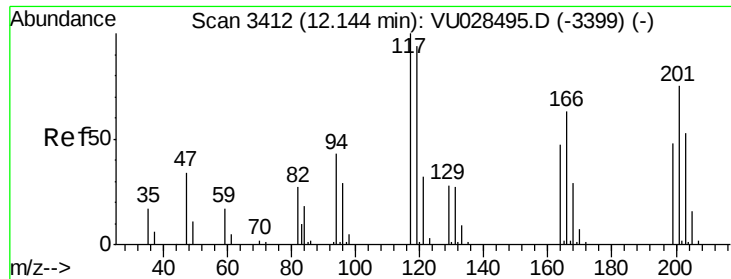
#89
 n-Butylbenzene
 Concen: 1.853 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU028914.D
 Acq: 22 Dec 2018 15:00

Tgt Ion: 91 Resp: 11722
 Ion Ratio Lower Upper
 91 100
 92 40.8 26.3 78.9
 134 50.5 11.3 33.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.533 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

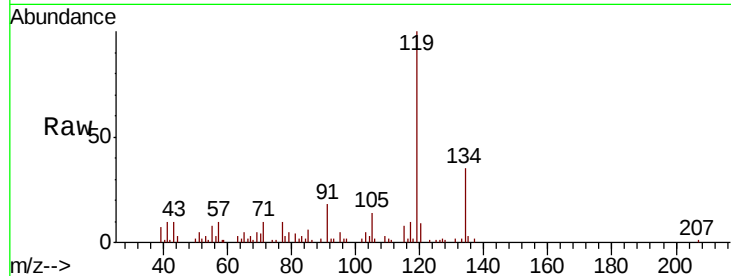
P001-SS013B-3642-01ME

Tgt Ion:117 Resp: 2393

Ion Ratio Lower Upper

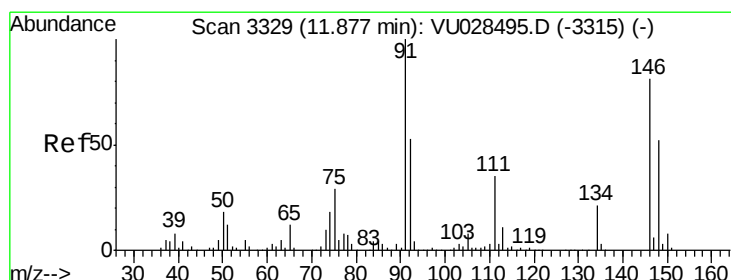
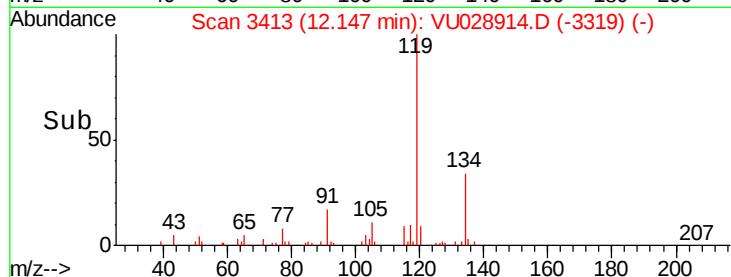
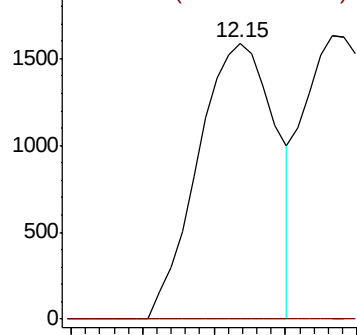
117 100

201 0.0 38.1 114.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.455 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. 0.01 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

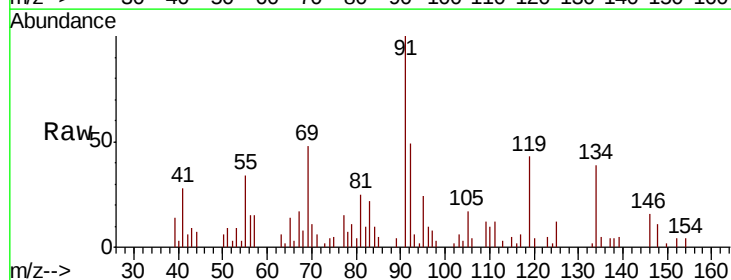
Tgt Ion:146 Resp: 1444

Ion Ratio Lower Upper

146 100

111 75.3 21.1 63.4#

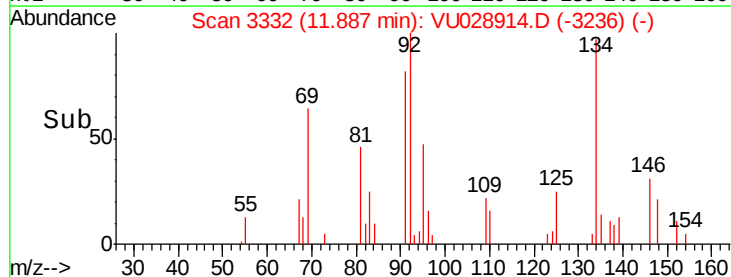
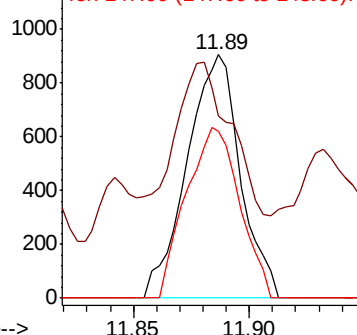
148 70.7 31.4 94.2

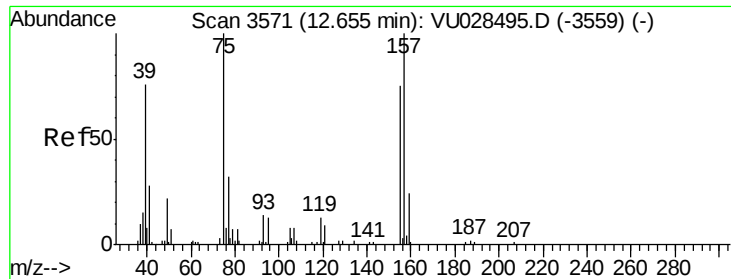


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 19.412 ug/l

RT: 12.48 min Scan# 3516

Delta R.T. -0.18 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-3642-01ME

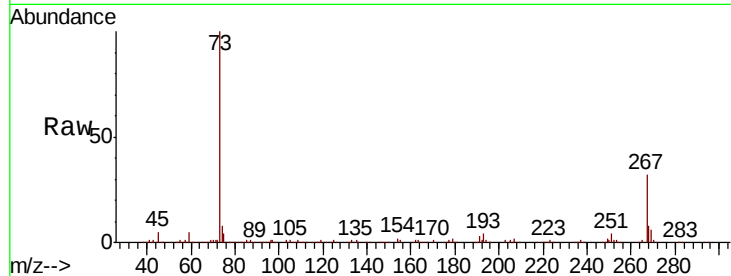
Tgt Ion: 75 Resp: 11589

Ion Ratio Lower Upper

75 100

155 6.6 38.1 114.5#

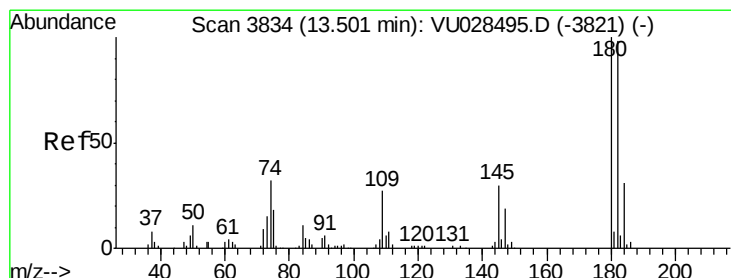
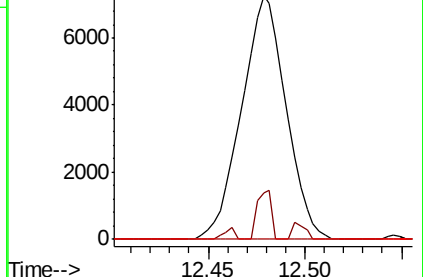
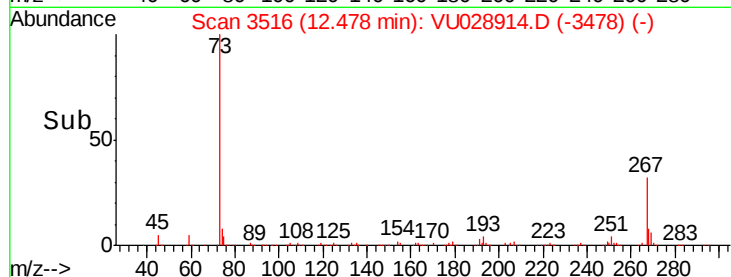
157 0.0 48.7 146.1#



Abundance Ion 74.90 (74.60 to 75.60): VU028914.D (-3478) (-)

Ion 154.80 (154.50 to 155.50): VU028914.D (-3478) (-)

Ion 156.80 (156.50 to 157.50): VU028914.D (-3478) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.639 ug/l

RT: 13.51 min Scan# 3836

Delta R.T. 0.01 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

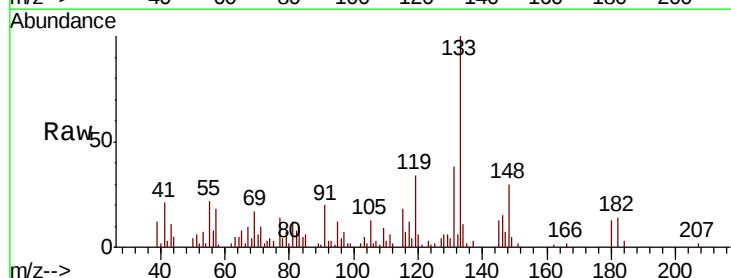
Tgt Ion: 180 Resp: 1763

Ion Ratio Lower Upper

180 100

182 107.3 47.9 143.8

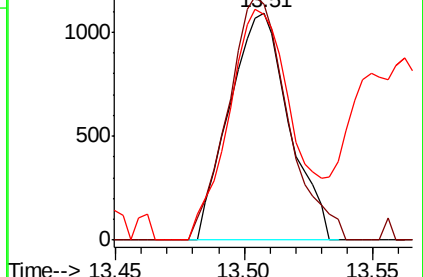
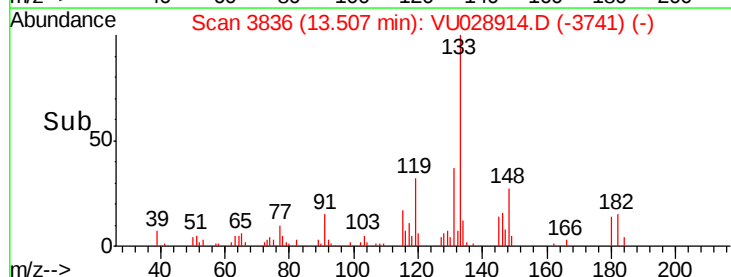
145 107.5 15.0 45.1#

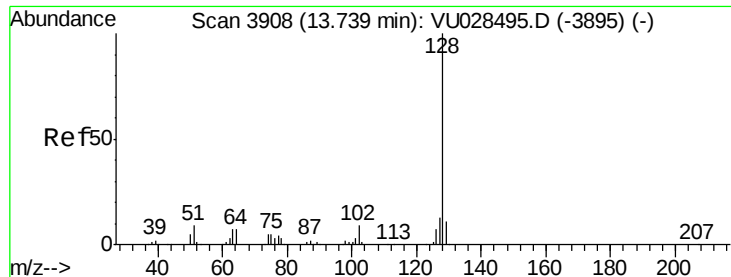


Abundance Ion 179.80 (179.50 to 180.50): VU028914.D (-3741) (-)

Ion 181.80 (181.50 to 182.50): VU028914.D (-3741) (-)

Ion 144.80 (144.50 to 145.50): VU028914.D (-3741) (-)





#95

Naphthalene

Concen: 17.101 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-3642-01ME

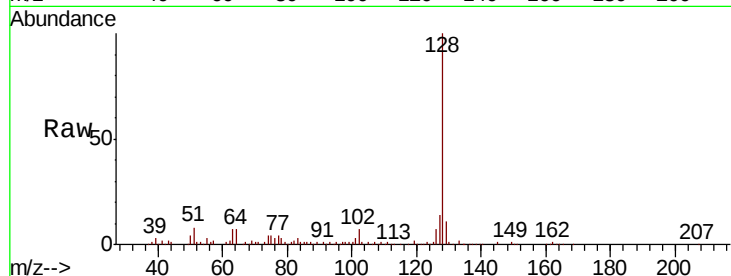
Tgt Ion:128 Resp: 130129

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

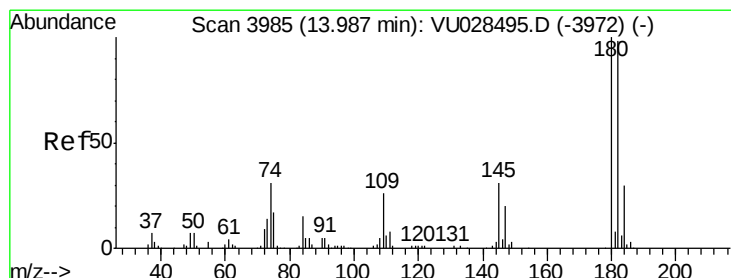
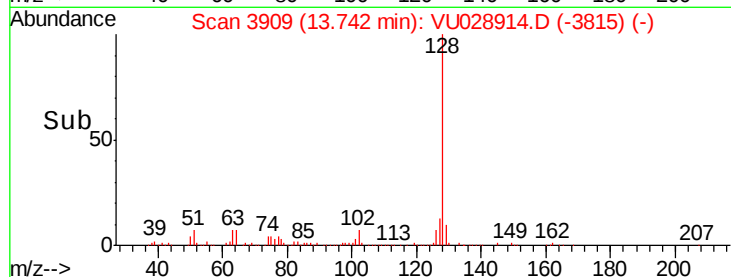
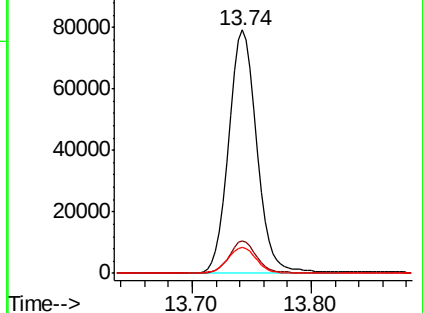
129 11.3 8.6 13.0



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: 0.473 ug/l

RT: 14.19 min Scan# 4048

Delta R.T. 0.20 min

Lab File: VU028914.D

Acq: 22 Dec 2018 15:00

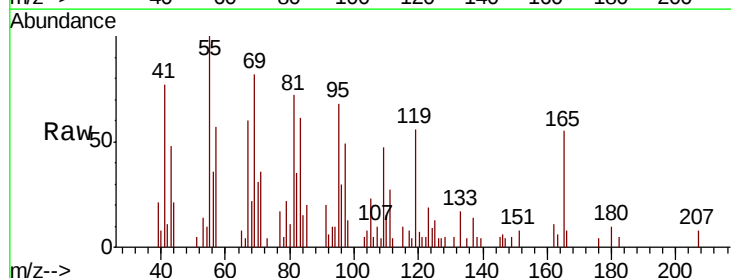
Tgt Ion:180 Resp: 711

Ion Ratio Lower Upper

180 100

182 70.5 48.2 144.6

145 17.6 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

