

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028922.D
 Acq On : 22 Dec 2018 18:13
 Operator : MD/SY
 Sample : J6426-09MEDL 100X
 Misc : 5.25g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01MEDL

Quant Time: Dec 24 04:47:37 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	187990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	307463	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	121852	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	108481	37.81	ug/l	0.00
Spiked Amount			Recovery	=	75.62%	
35) Dibromofluoromethane	4.88	113	95057	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	7.56	98	373390	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	10.30	95	127990	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	

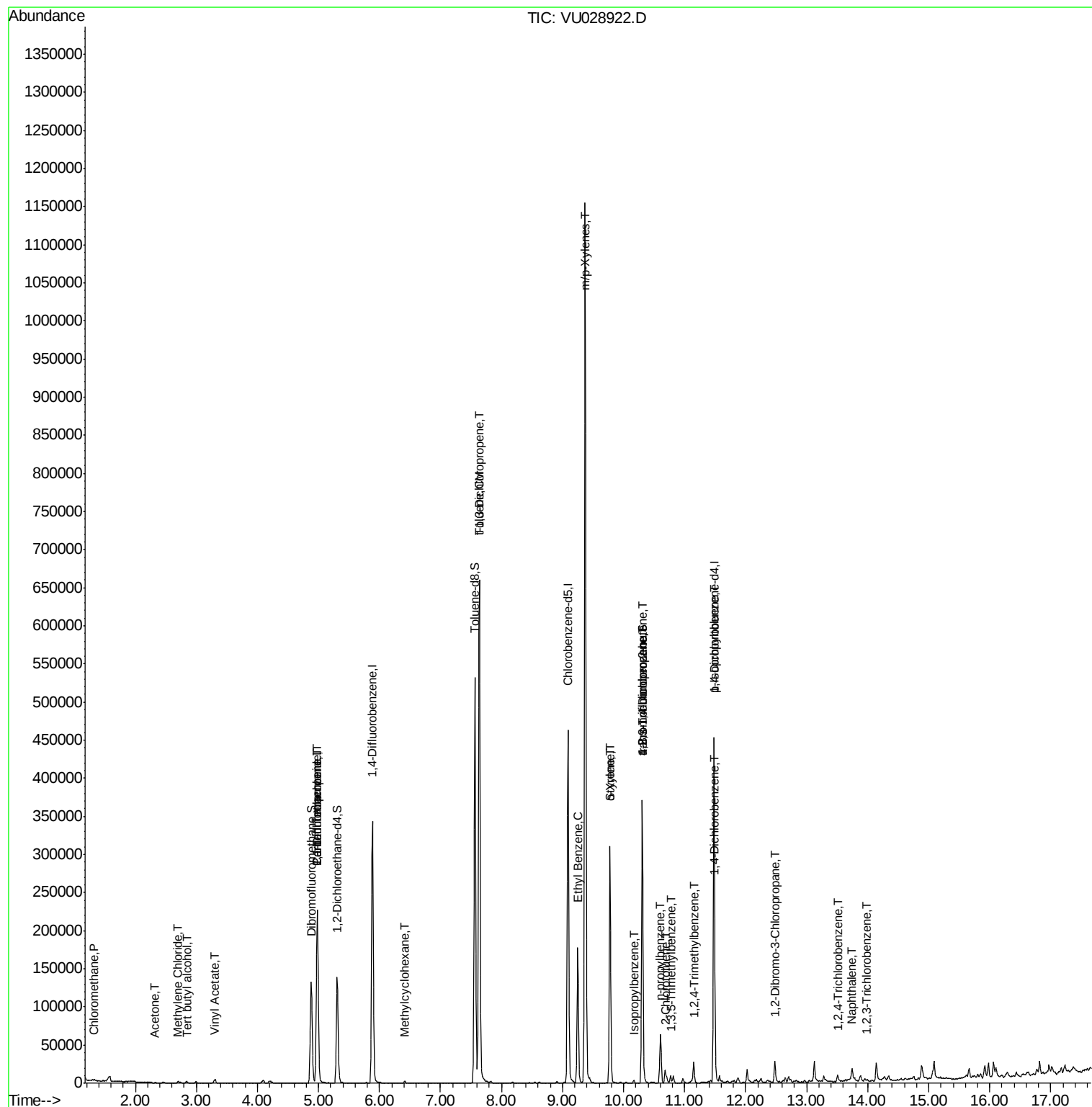
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1213	0.262	ug/l	91
11) Tert butyl alcohol	2.84	59	1358	2.125	ug/l #	73
16) Acetone	2.32	43	450	0.240	ug/l	94
20) Methylene Chloride	2.70	84	1245	0.451	ug/l #	79
23) Vinyl Acetate	3.30	43	1731	0.218	ug/l #	63
31) Cyclohexane	4.98	56	3492	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	12986	3.860	ug/l #	49
38) Carbon Tetrachloride	4.98	117	16326	6.020	ug/l #	15
39) Methylcyclohexane	6.41	83	1063	0.259	ug/l #	90
52) Toluene	7.64	92	290951	49.890	ug/l	99
53) t-1,3-Dichloropropene	7.63	75	2787	0.727	ug/l #	1
67) Ethyl Benzene	9.25	91	132127	12.084	ug/l	99
68) m/p-Xylenes	9.37	106	334007	83.951	ug/l	95
69) o-Xylene	9.78	106	86071	22.261	ug/l	97
70) Styrene	9.78	104	4360	0.681	ug/l #	1
73) Isopropylbenzene	10.16	105	2886	0.309	ug/l	91
76) 1,2,3-Trichloropropane	10.30	75	59776	19.211	ug/l #	36
78) n-propylbenzene	10.59	91	5041	0.434	ug/l	94
79) 2-Chlorotoluene	10.68	91	1390	0.208	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	5695	0.736	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.30	75	59776	47.263	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	15993	2.005	ug/l	98
86) p-Isopropyltoluene	11.48	119	3820	0.469	ug/l	90
88) 1,4-Dichlorobenzene	11.50	146	1201	0.281	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.48	75	900	1.157	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.50	180	2627	1.753	ug/l	96
95) Naphthalene	13.75	128	15203	1.534	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	783	0.423	ug/l	84

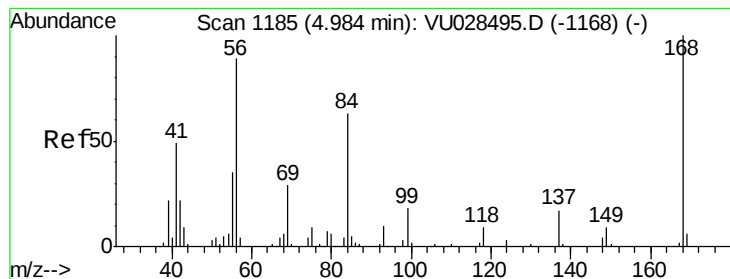
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

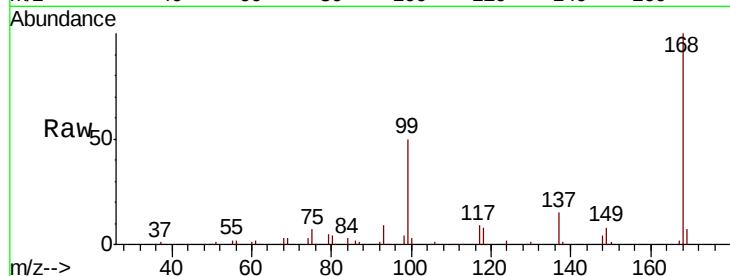
P001-SS013-3638-01MEDL

Tgt Ion:168 Resp: 187990

Ion Ratio Lower Upper

168 100

99 49.7 46.6 69.8



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

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

4.98

80000

60000

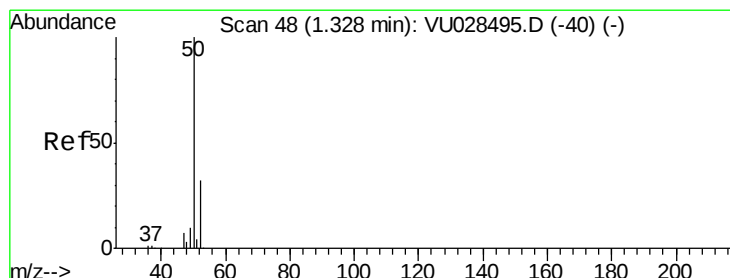
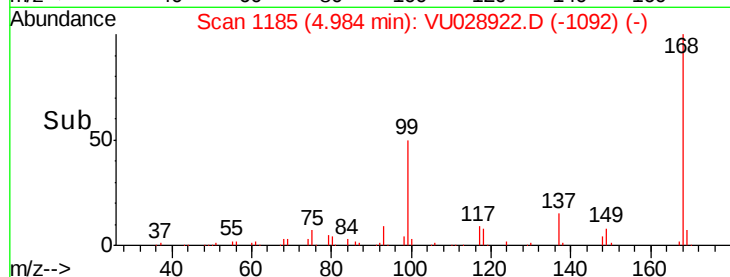
40000

20000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.262 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028922.D

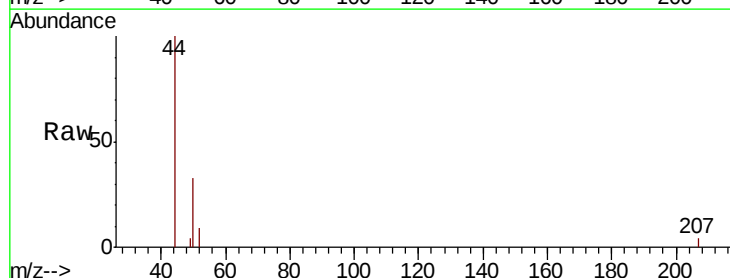
Acq: 22 Dec 2018 18:13

Tgt Ion: 50 Resp: 1213

Ion Ratio Lower Upper

50 100

52 26.9 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) (-)

1.33

1200

1000

800

600

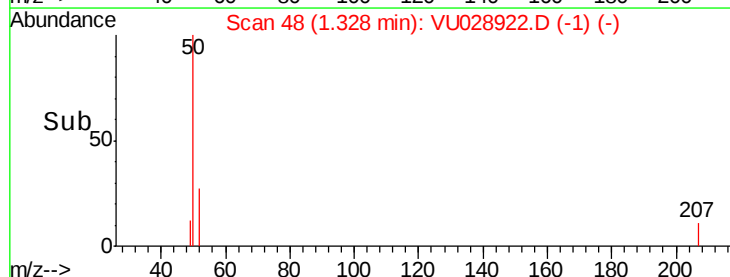
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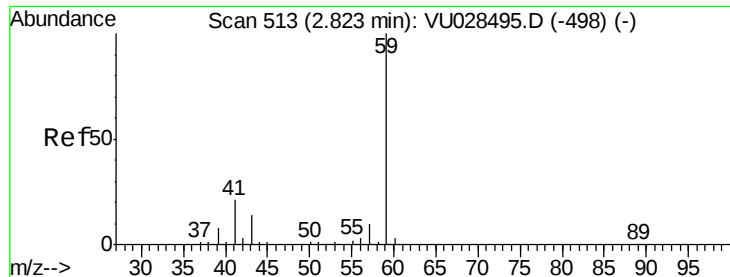
200

0

1.30 1.32 1.34 1.36

Time-->



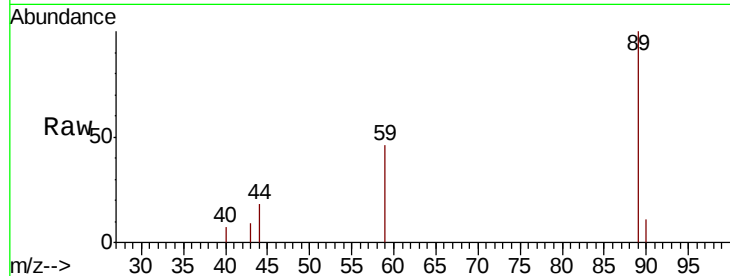


#11

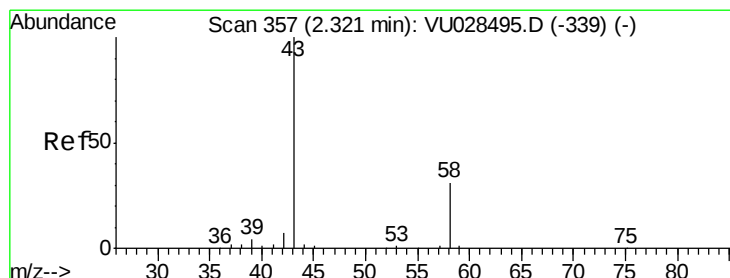
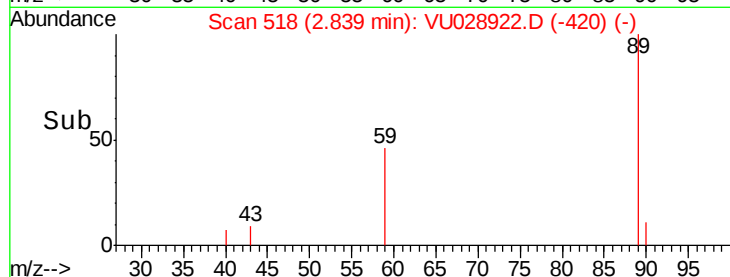
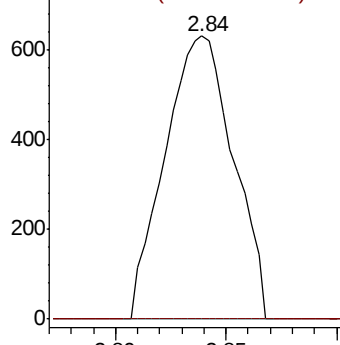
Tert butyl alcohol
 Concen: 2.125 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.02 min
 Lab File: VU028922.D
 Acq: 22 Dec 2018 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01MEDL

Tgt Ion: 59 Resp: 1358
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#



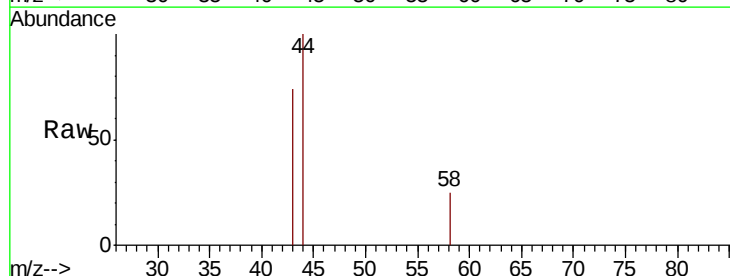
Abundance Ion 59.00 (58.70 to 59.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



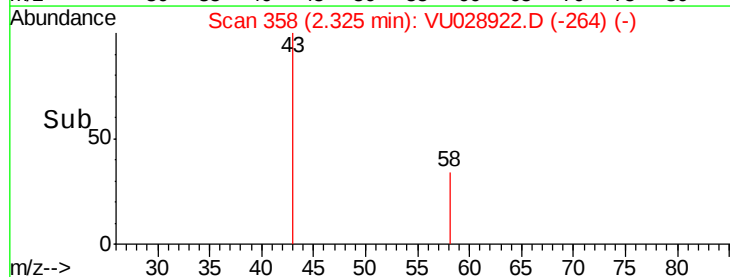
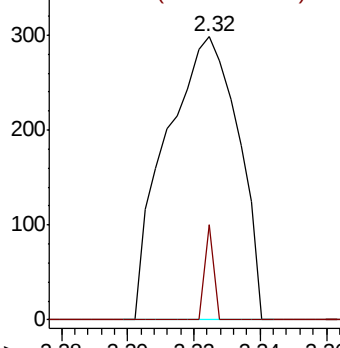
#16

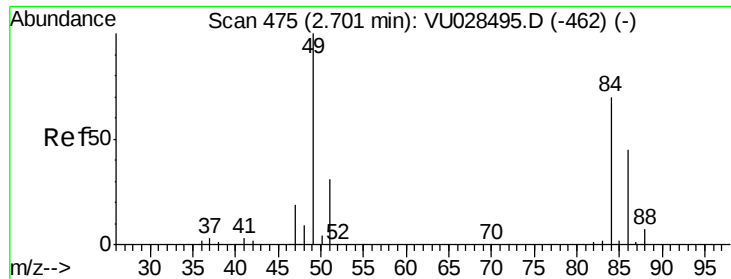
Acetone
 Concen: 0.240 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU028922.D
 Acq: 22 Dec 2018 18:13

Tgt Ion: 43 Resp: 450
 Ion Ratio Lower Upper
 43 100
 58 33.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

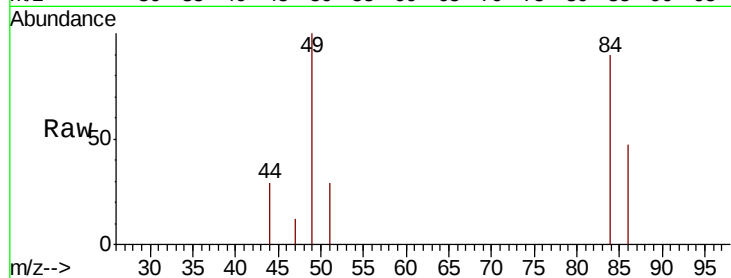




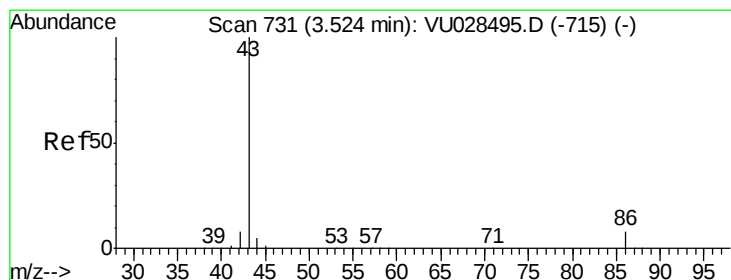
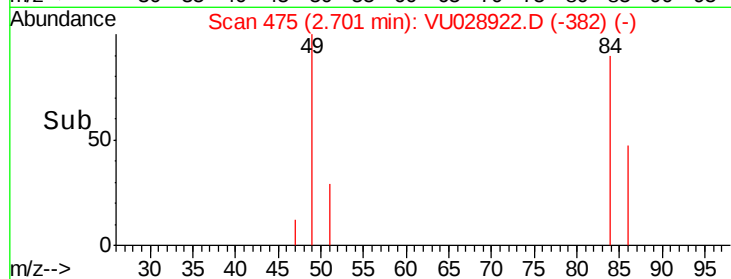
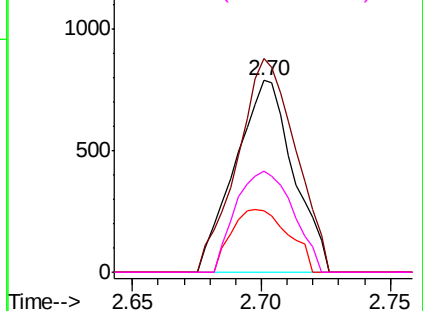
#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 84 Resp: 1245
Ion Ratio Lower Upper
84 100
49 111.3 114.0 171.0#
51 31.9 35.1 52.7#
86 52.4 51.0 76.6

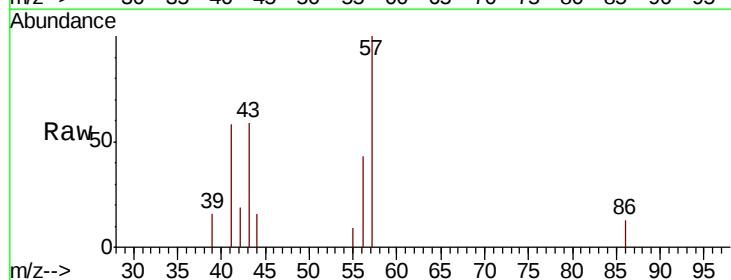


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

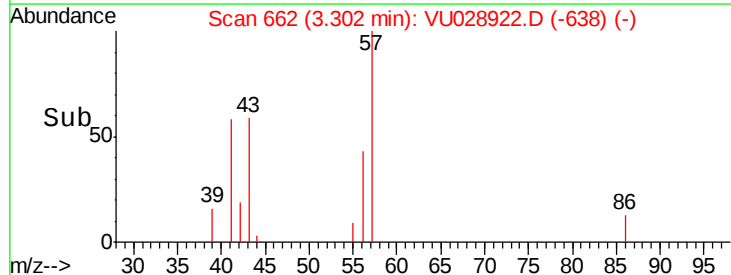
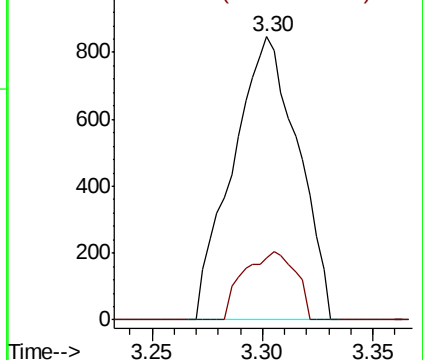


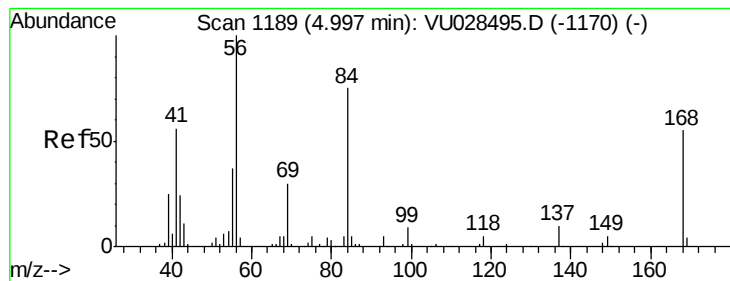
#23
Vinyl Acetate
Concen: 0.218 ug/l
RT: 3.30 min Scan# 662
Delta R.T. -0.22 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
86 21.7 6.8 10.2#



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





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1184

Delta R.T. -0.02 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01MEDL

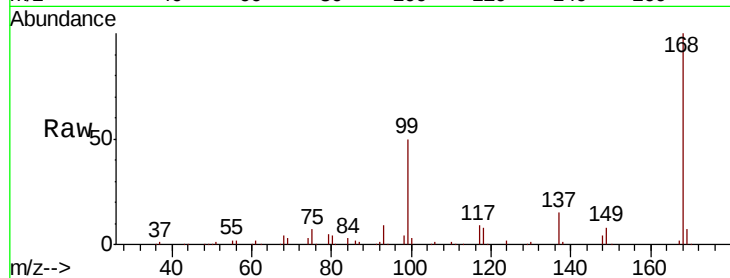
Tgt Ion: 56 Resp: 3492

Ion Ratio Lower Upper

56 100

69 156.9 24.0 36.0#

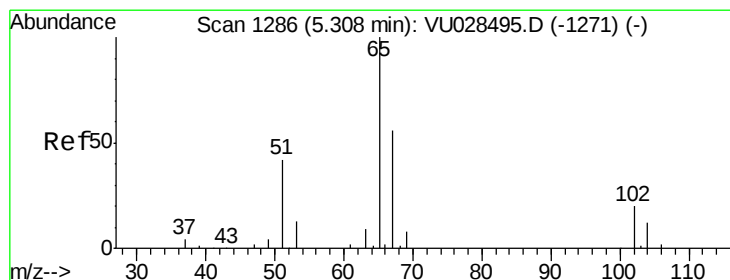
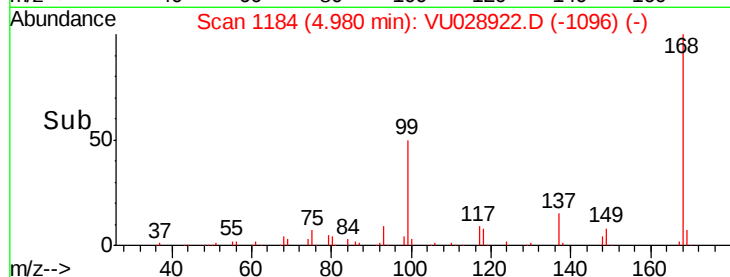
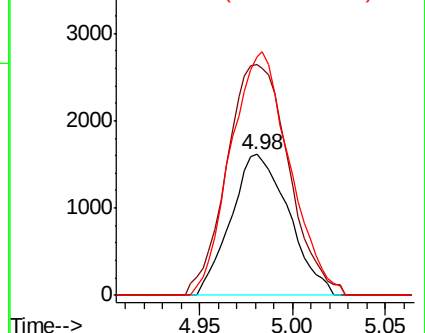
84 169.4 59.7 89.5#



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: 37.813 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028922.D

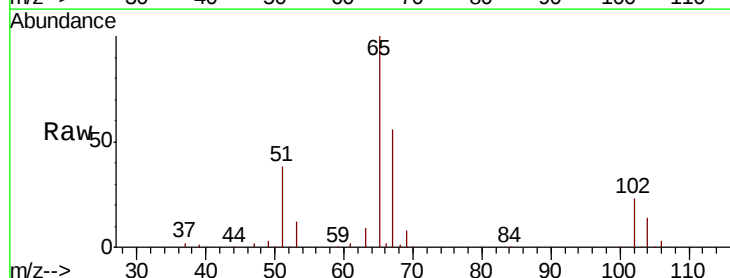
Acq: 22 Dec 2018 18:13

Tgt Ion: 65 Resp: 108481

Ion Ratio Lower Upper

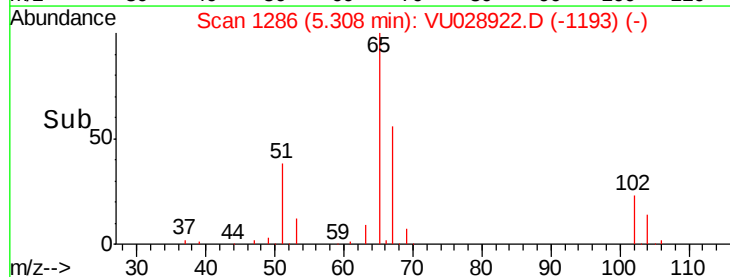
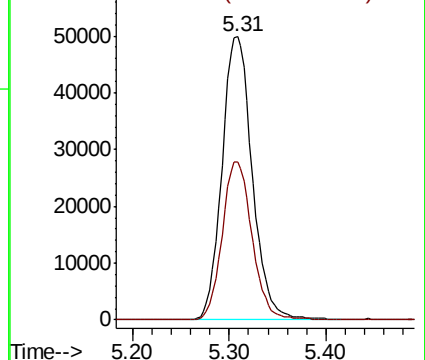
65 100

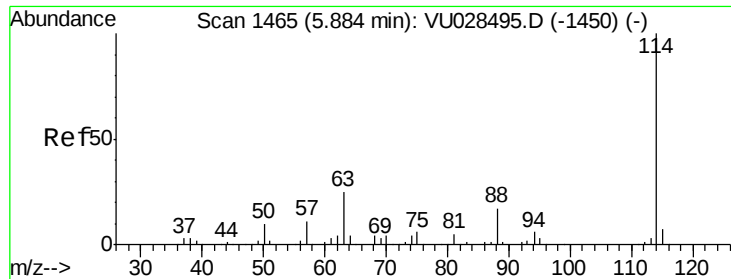
67 55.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

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ClientSampleId :

P001-SS013-3638-01MEDL

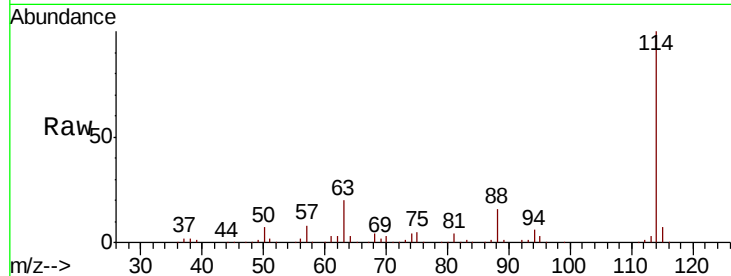
Tgt Ion:114 Resp: 307463

Ion Ratio Lower Upper

114 100

63 19.6 0.0 49.2

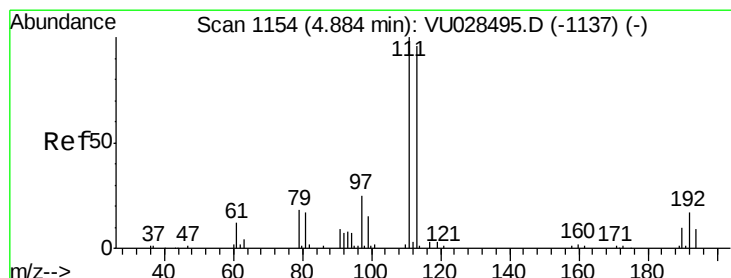
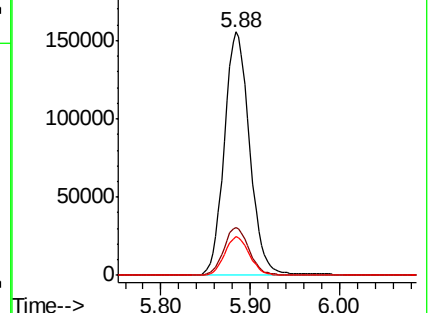
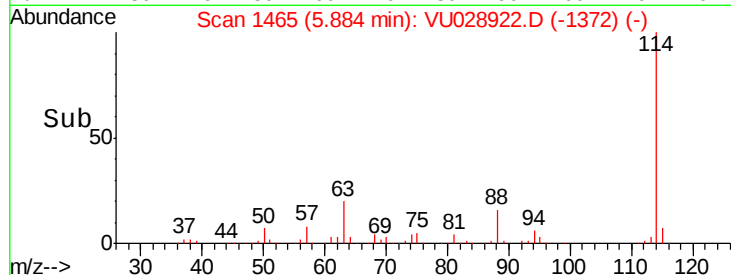
88 15.9 0.0 33.4



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: 49.128 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

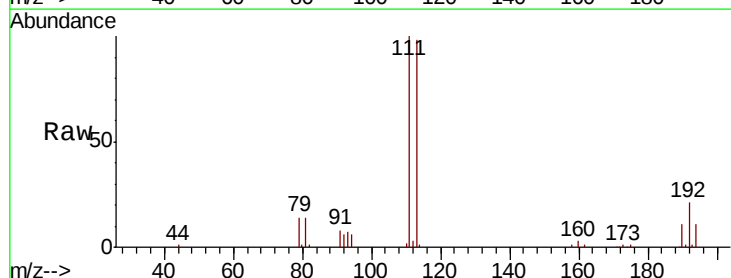
Tgt Ion:113 Resp: 95057

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

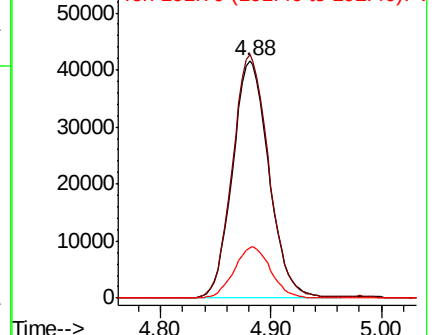
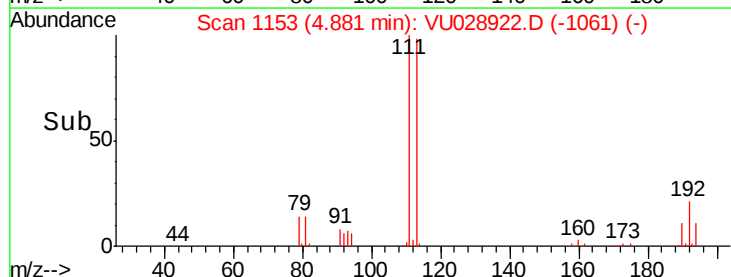
192 21.6 14.8 22.2

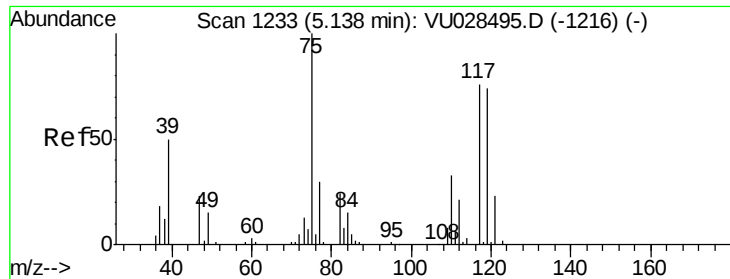


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

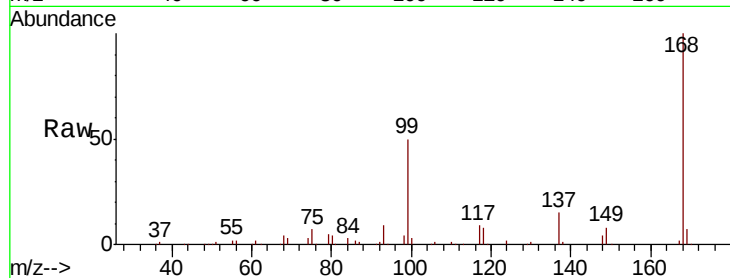




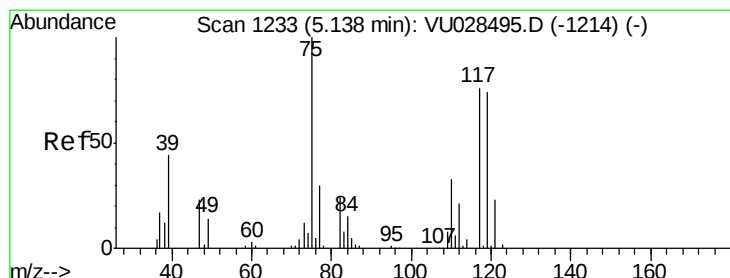
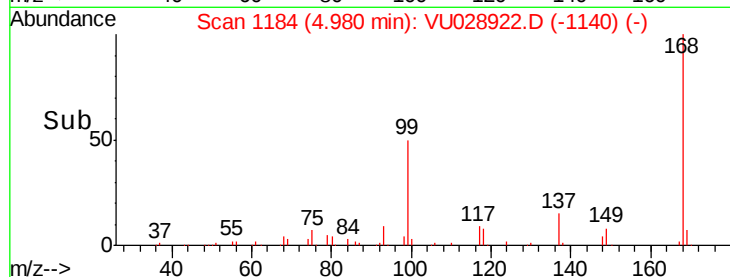
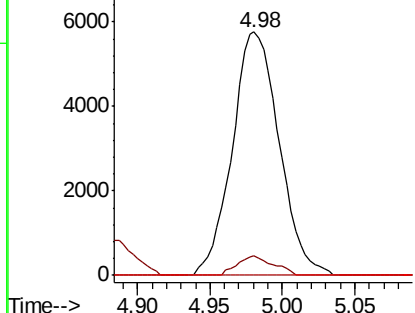
#36
 1,1-Dichloropropene
 Concen: 3.860 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028922.D
 Acq: 22 Dec 2018 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01MEDL

Tgt Ion: 75 Resp: 12986
 Ion Ratio Lower Upper
 75 100
 110 6.1 16.1 48.2#
 77 0.0 24.5 36.7#

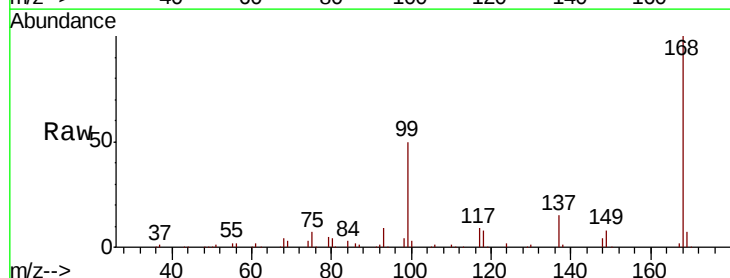


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

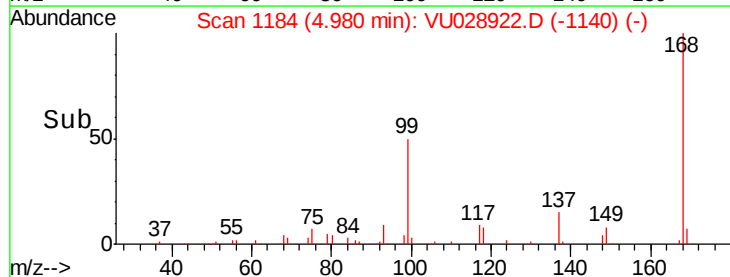
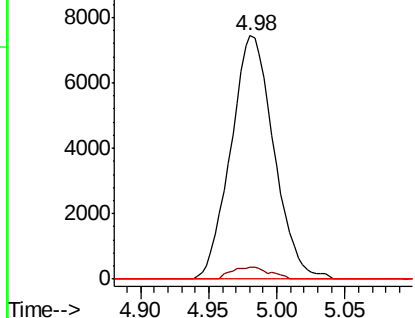


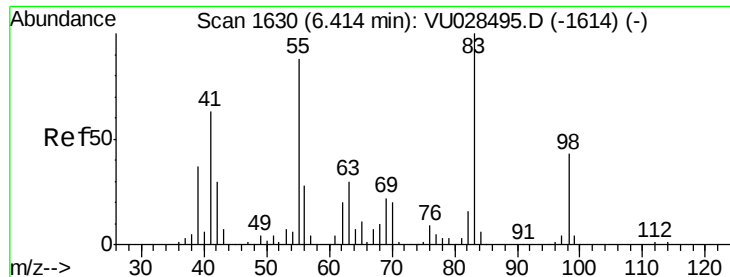
#38
 Carbon Tetrachloride
 Concen: 6.020 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028922.D
 Acq: 22 Dec 2018 18:13

Tgt Ion: 117 Resp: 16326
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.6 116.4#
 121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

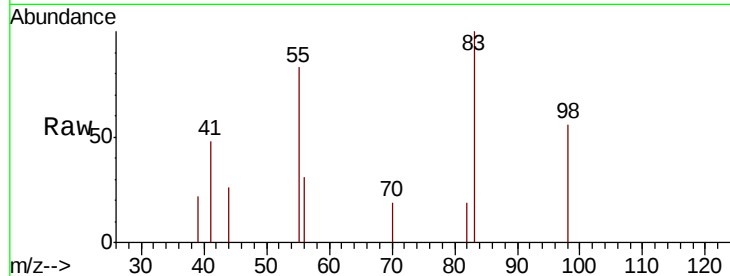




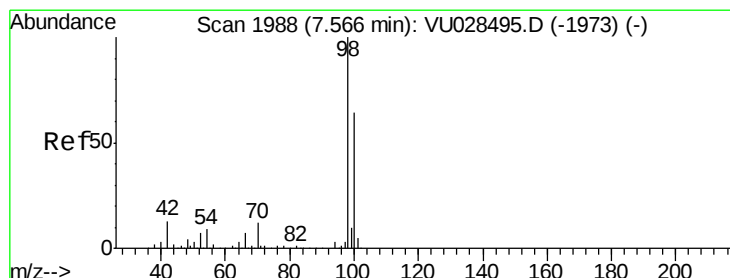
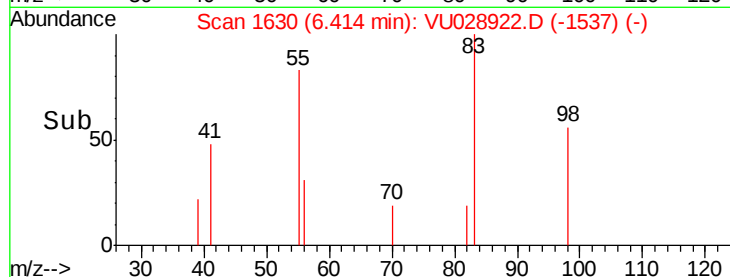
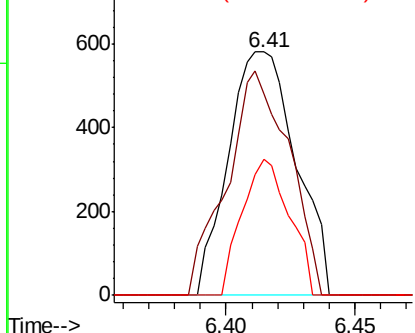
#39
Methylcyclohexane
Concen: 0.259 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion: 83 Resp: 1063
Ion Ratio Lower Upper
83 100
55 83.0 70.2 105.2
98 56.1 34.2 51.4#

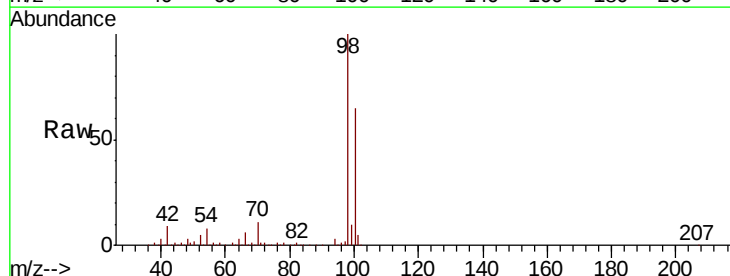


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

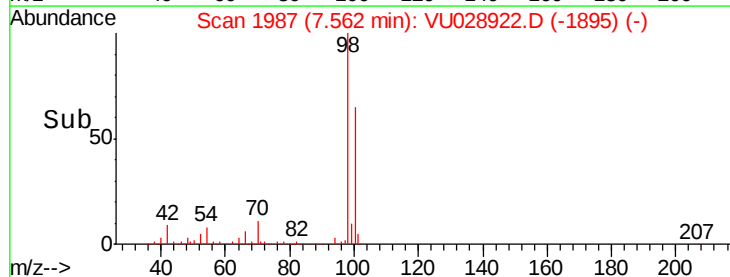
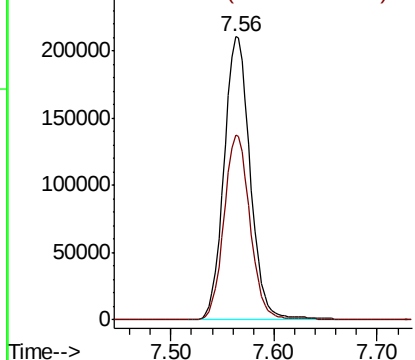


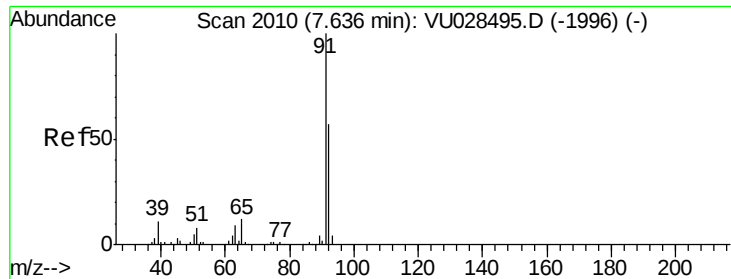
#50
Toluene-d8
Concen: 48.783 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 98 Resp: 373390
Ion Ratio Lower Upper
98 100
100 65.2 51.0 76.6



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





#52

Toluene

Concen: 49.890 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

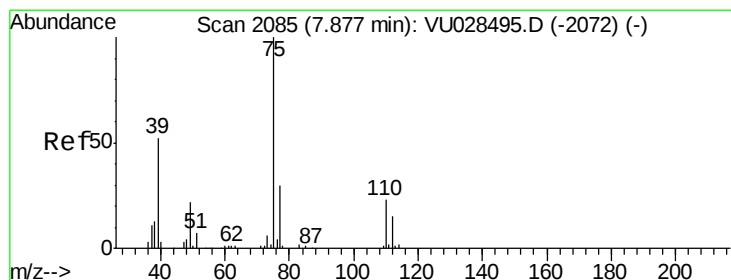
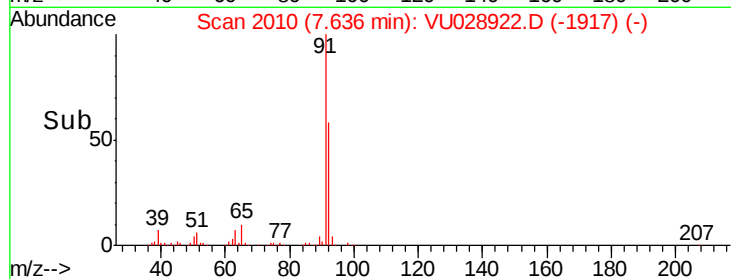
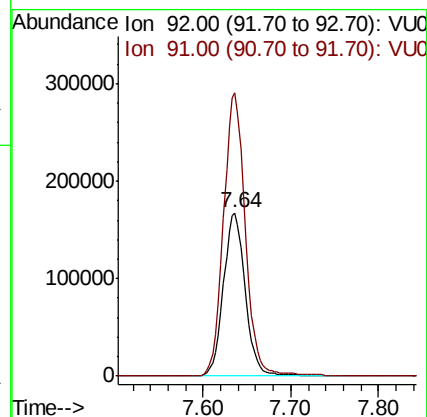
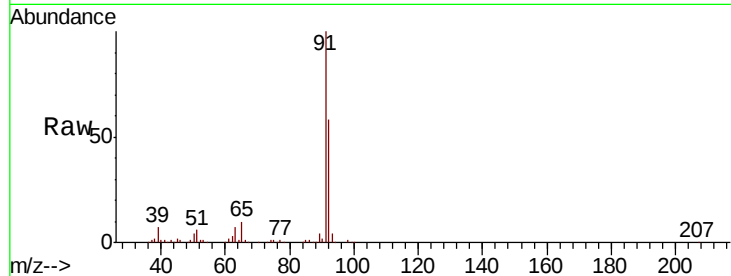
P001-SS013-3638-01MEDL

Tgt Ion: 92 Resp: 290951

Ion Ratio Lower Upper

92 100

91 173.5 140.2 210.4



#53

t-1,3-Dichloropropene

Concen: 0.727 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.24 min

Lab File: VU028922.D

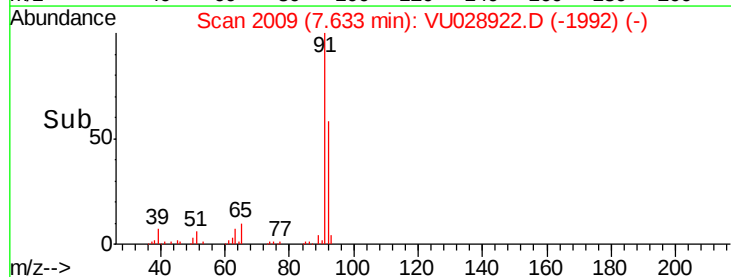
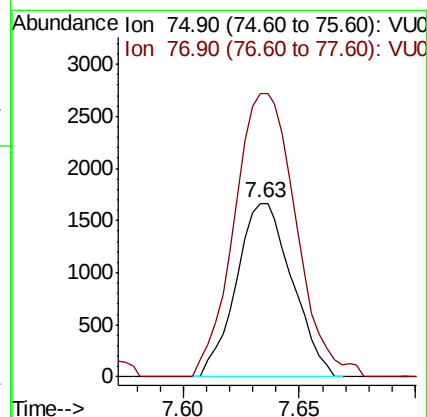
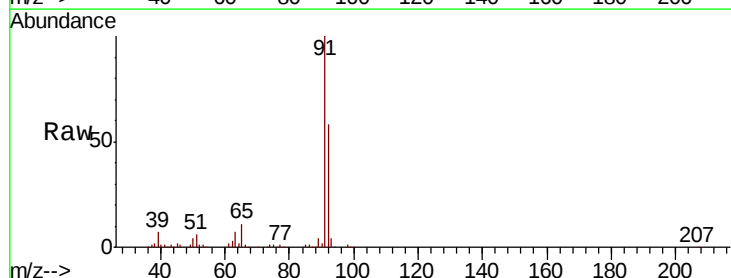
Acq: 22 Dec 2018 18:13

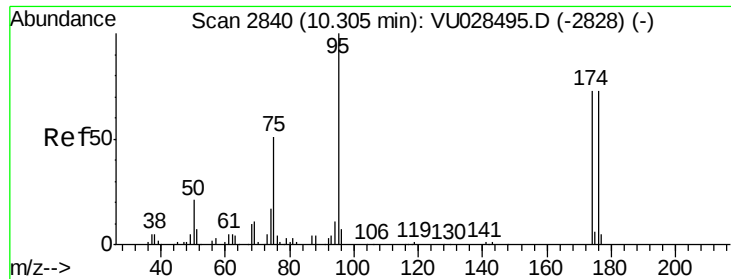
Tgt Ion: 75 Resp: 2787

Ion Ratio Lower Upper

75 100

77 163.2 24.2 36.4#





#62

4-Bromofluorobenzene

Concen: 44.739 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01MEDL

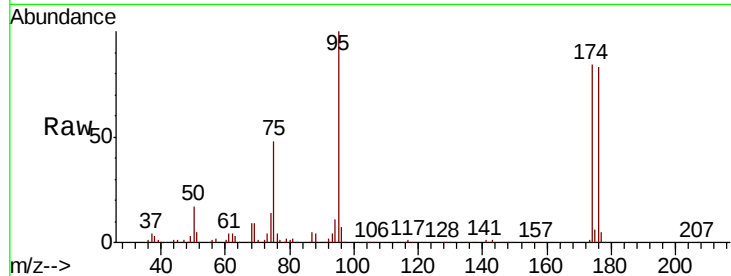
Tgt Ion: 95 Resp: 127990

Ion Ratio Lower Upper

95 100

174 84.3 0.0 150.4

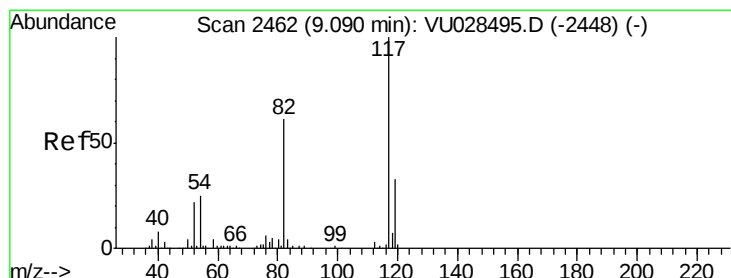
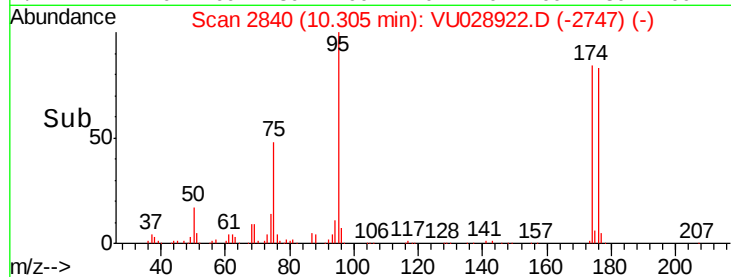
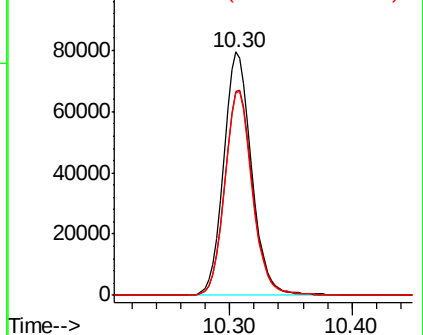
176 82.5 0.0 145.2



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: VU028922.D

Acq: 22 Dec 2018 18:13

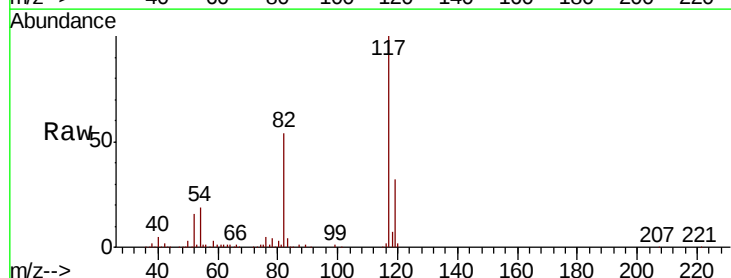
Tgt Ion: 117 Resp: 279121

Ion Ratio Lower Upper

117 100

82 53.8 48.9 73.3

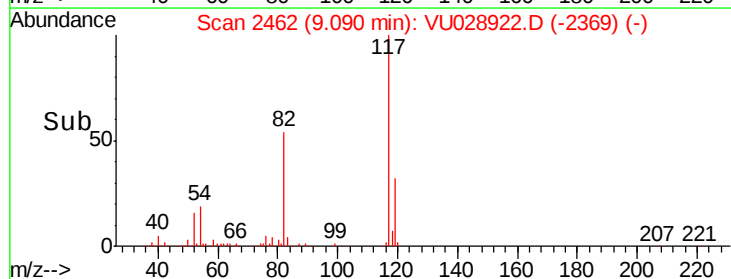
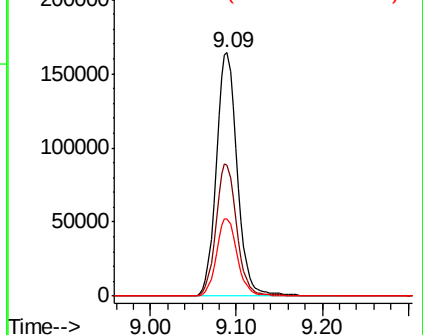
119 31.9 26.2 39.4

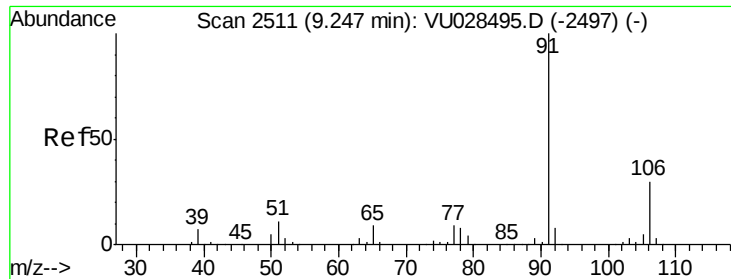


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 12.084 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

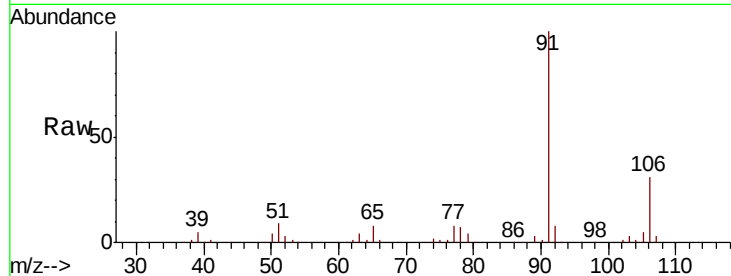
P001-SS013-3638-01MEDL

Tgt Ion: 91 Resp: 132127

Ion Ratio Lower Upper

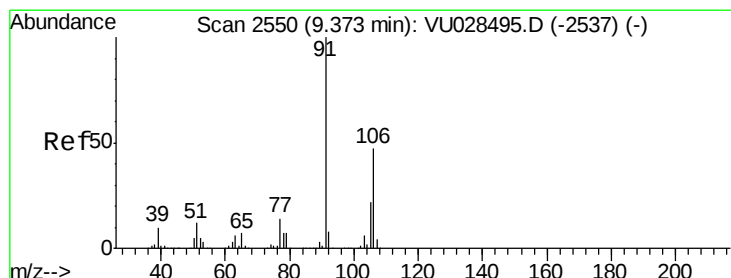
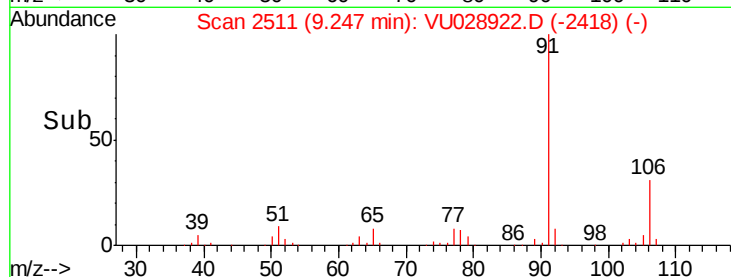
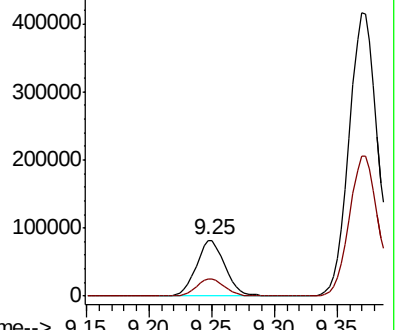
91 100

106 30.6 24.1 36.1



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

Ion 106.00 (105.70 to 106.70): VU028495.D (-2497) (-)



#68

m/p-Xylenes

Concen: 83.951 ug/l

RT: 9.37 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU028922.D

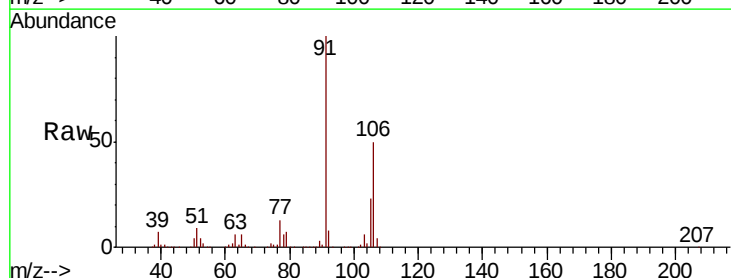
Acq: 22 Dec 2018 18:13

Tgt Ion: 106 Resp: 334007

Ion Ratio Lower Upper

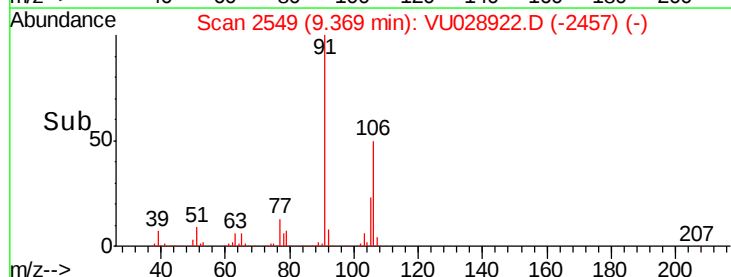
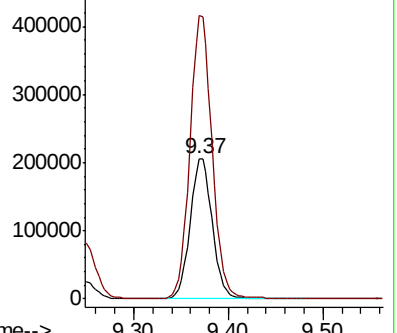
106 100

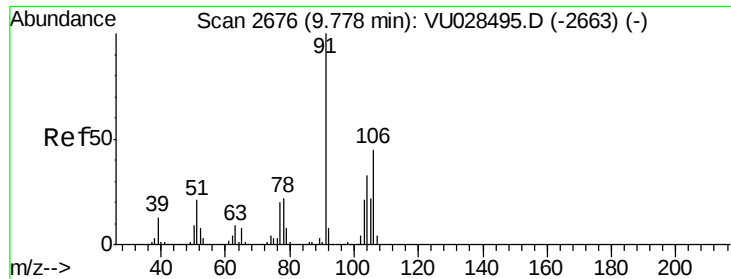
91 202.0 167.4 251.0



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

Ion 91.00 (90.70 to 91.70): VU028495.D (-2537) (-)

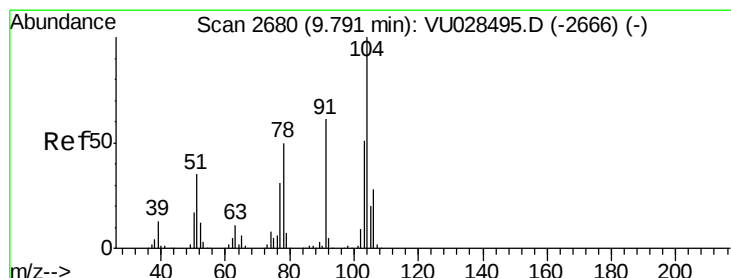
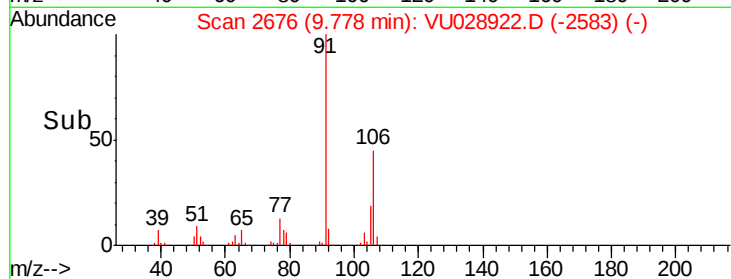
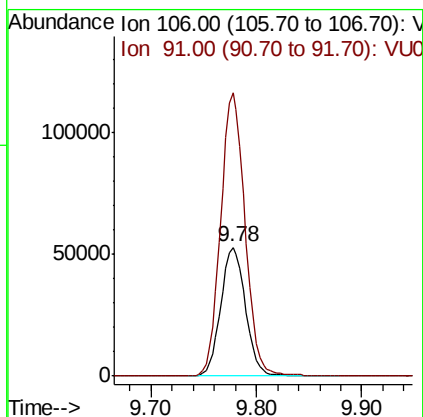
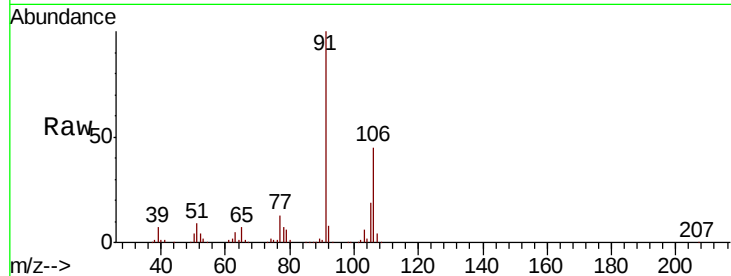




#69
o-Xylene
Concen: 22.261 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

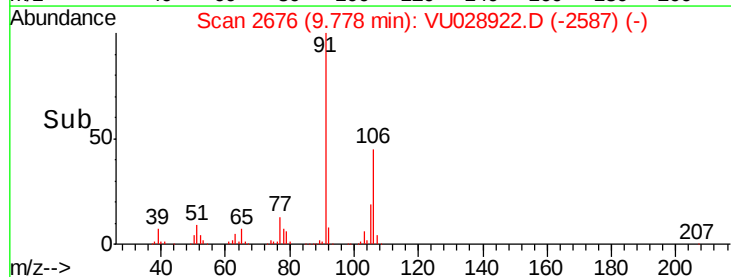
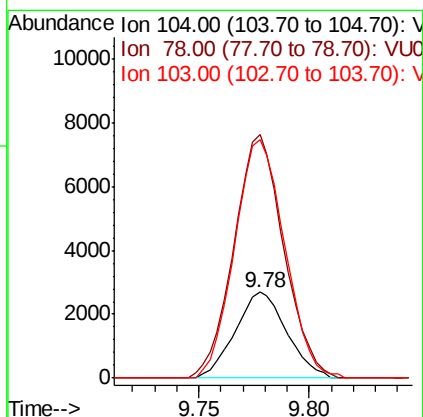
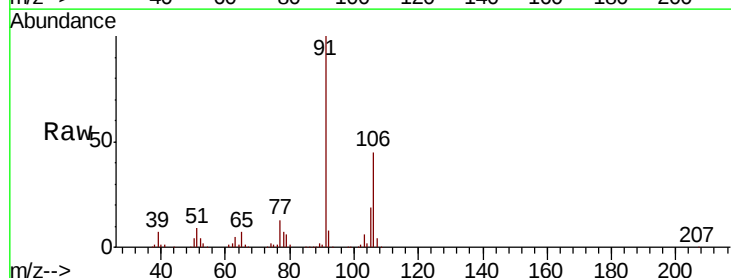
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

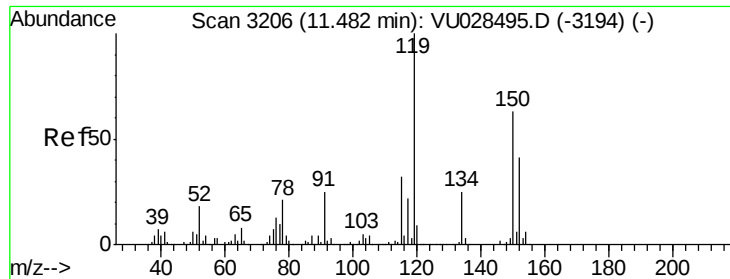
Tgt Ion:106 Resp: 86071
Ion Ratio Lower Upper
106 100
91 217.0 111.3 334.0



#70
Styrene
Concen: 0.681 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:104 Resp: 4360
Ion Ratio Lower Upper
104 100
78 274.2 43.0 64.6#
103 270.6 44.2 66.4#



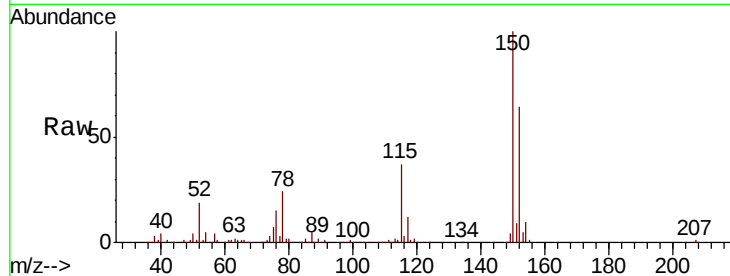


#72

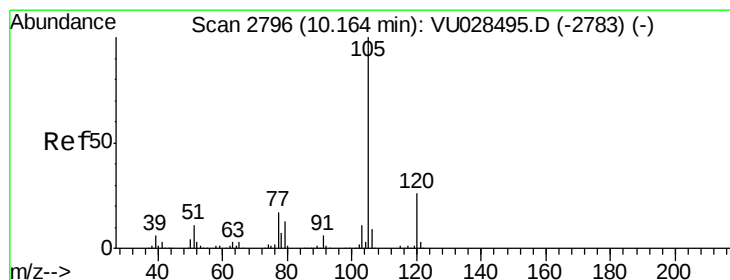
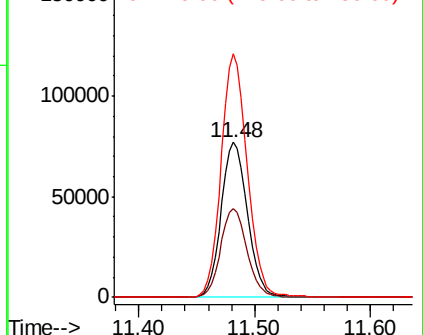
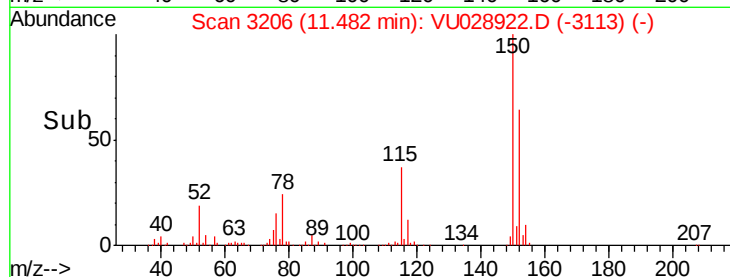
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

Tgt Ion:152 Resp: 121852
Ion Ratio Lower Upper
152 100
115 57.1 42.7 128.1
150 154.9 0.0 346.0



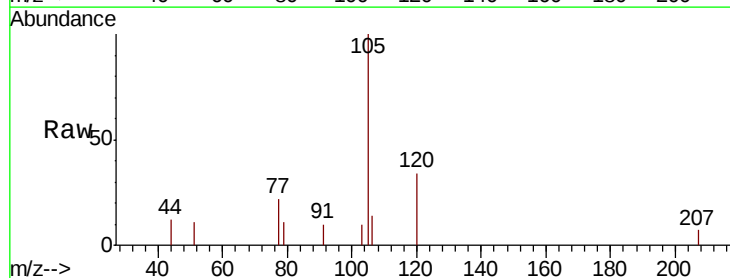
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



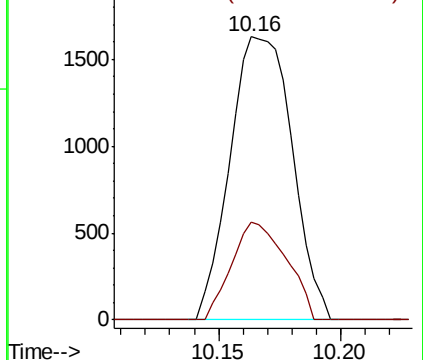
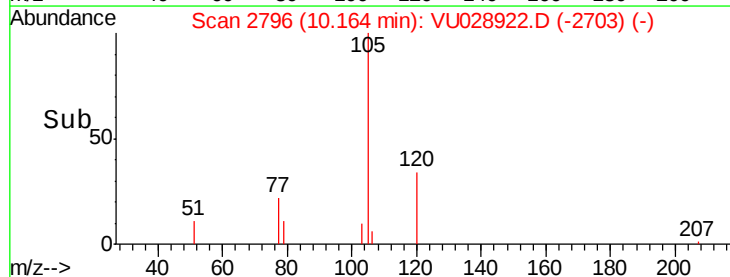
#73

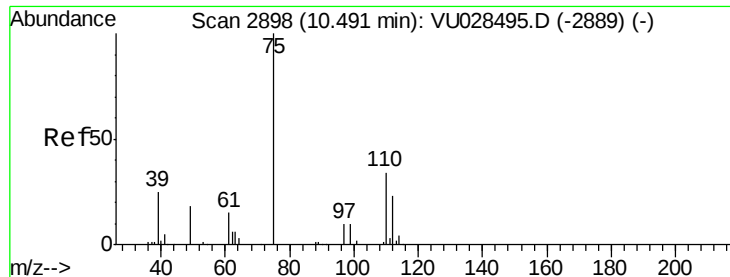
Isopropylbenzene
Concen: 0.309 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:105 Resp: 2886
Ion Ratio Lower Upper
105 100
120 30.3 12.9 38.6



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





#76

1,2,3-Trichloropropane

Concen: 19.211 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

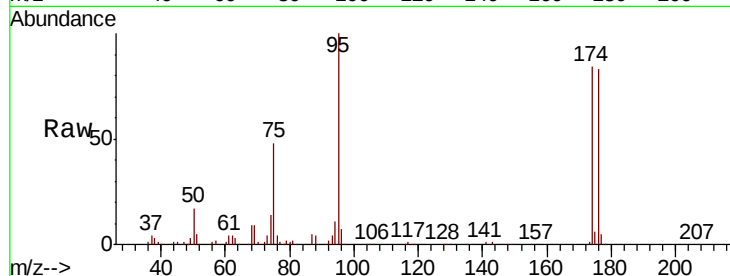
P001-SS013-3638-01MEDL

Tgt Ion: 75 Resp: 59776

Ion Ratio Lower Upper

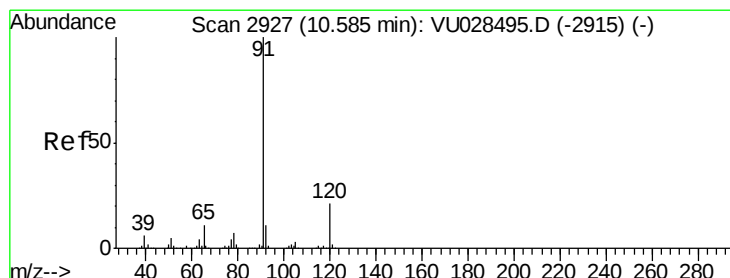
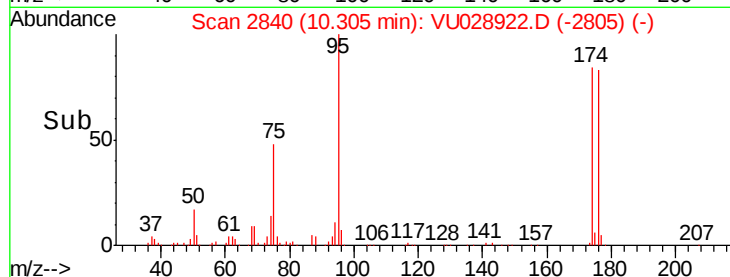
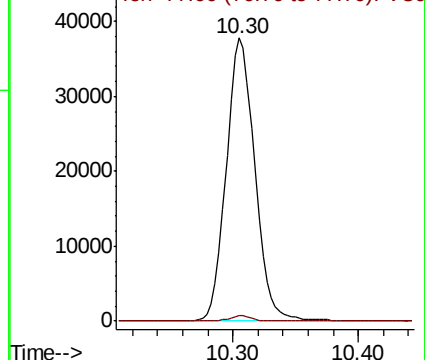
75 100

77 1.4 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: 0.434 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028922.D

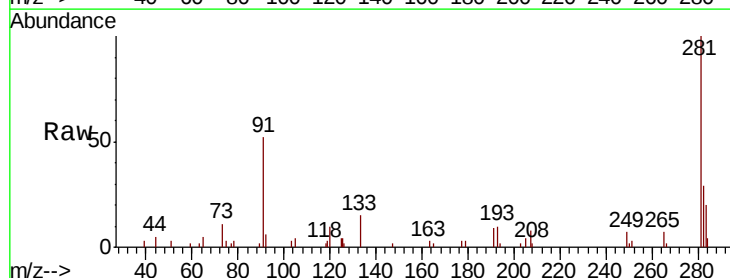
Acq: 22 Dec 2018 18:13

Tgt Ion: 91 Resp: 5041

Ion Ratio Lower Upper

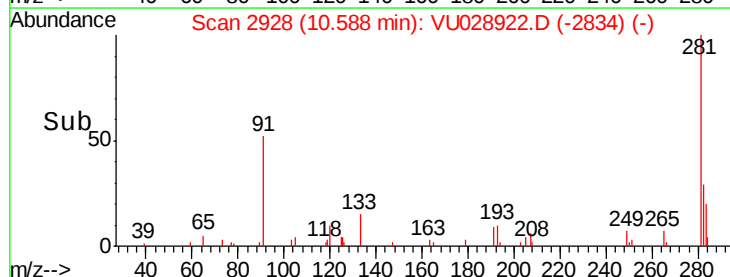
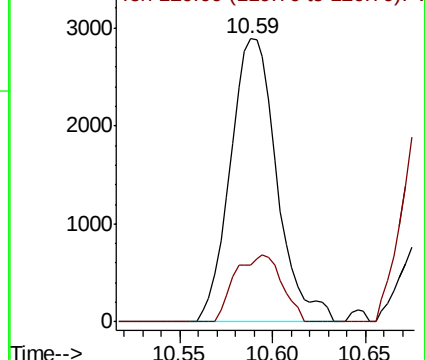
91 100

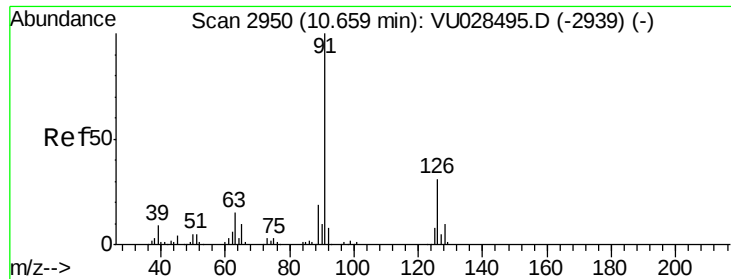
120 23.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.208 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

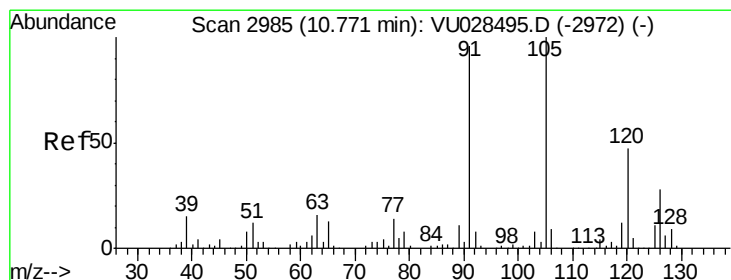
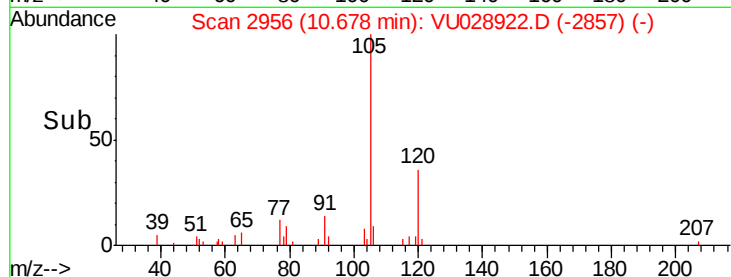
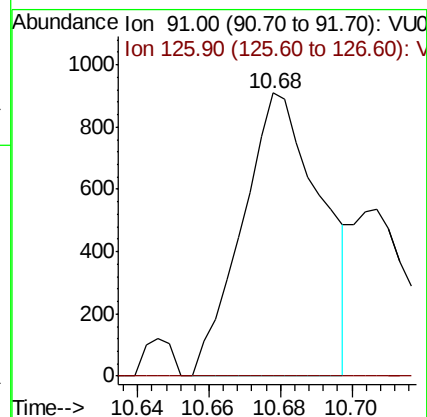
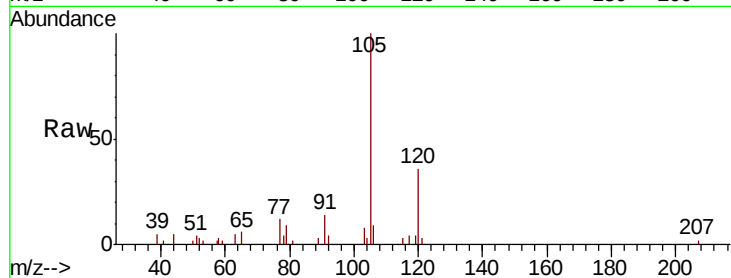
P001-SS013-3638-01MEDL

Tgt Ion: 91 Resp: 1390

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.736 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028922.D

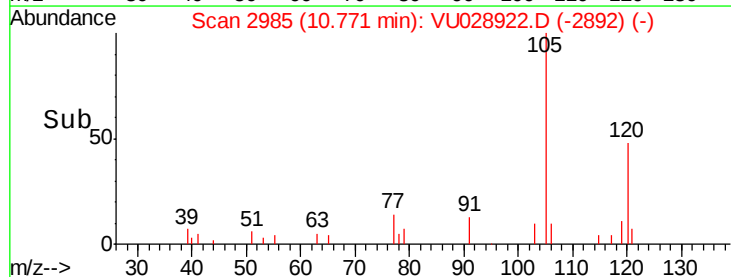
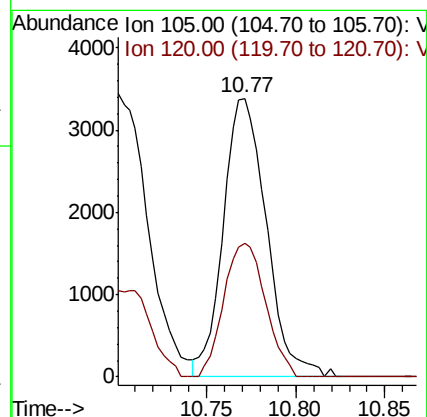
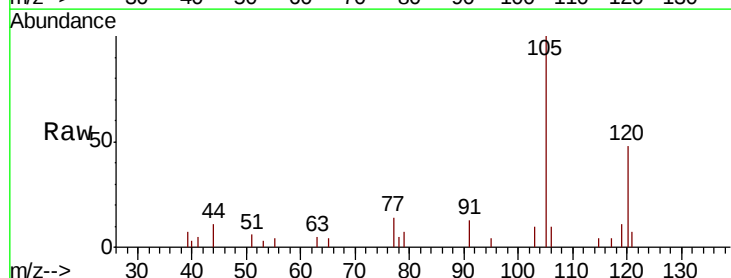
Acq: 22 Dec 2018 18:13

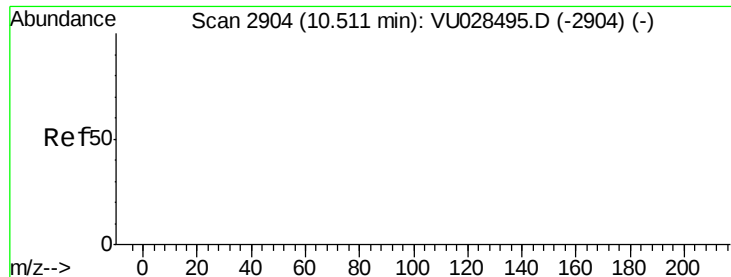
Tgt Ion: 105 Resp: 5695

Ion Ratio Lower Upper

105 100

120 46.3 23.7 71.1

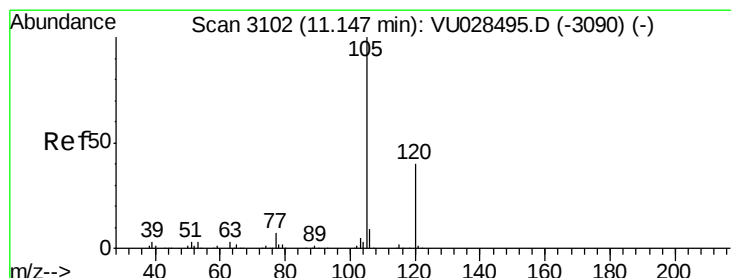
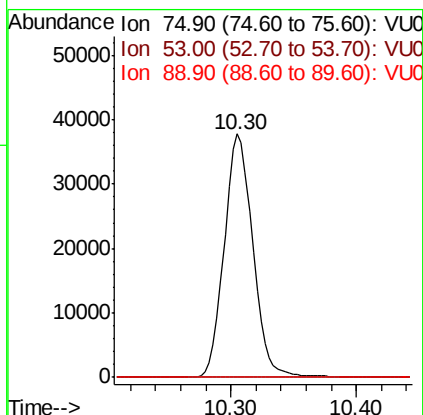
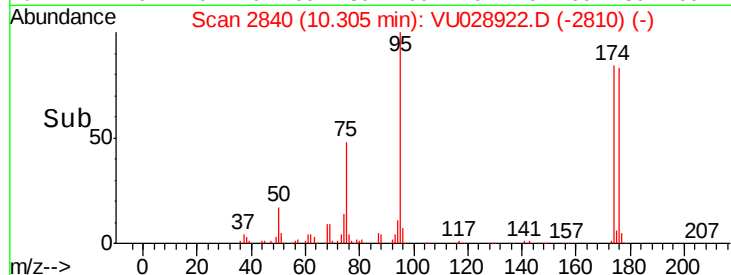
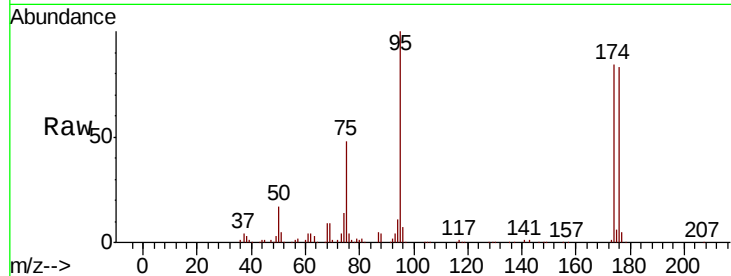




#81
trans-1,4-Dichloro-2-butene
Concen: 47.263 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

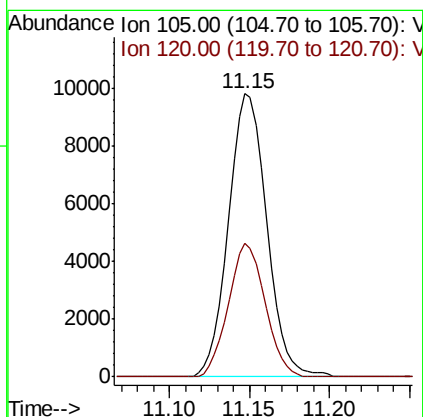
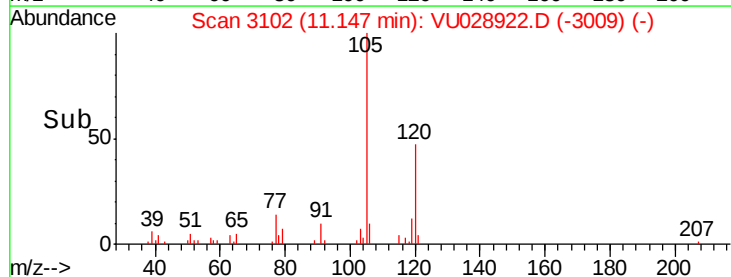
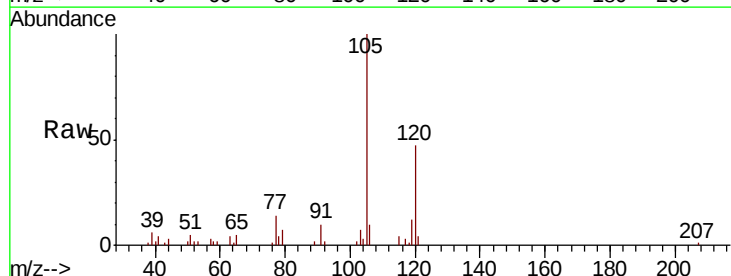
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

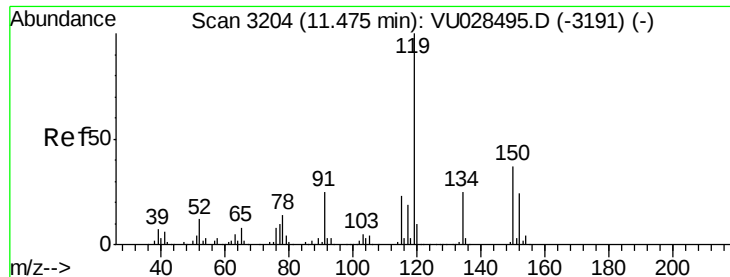
Tgt Ion: 75 Resp: 59776
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#84
1,2,4-Trimethylbenzene
Concen: 2.005 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion: 105 Resp: 15993
Ion Ratio Lower Upper
105 100
120 45.1 21.8 65.4

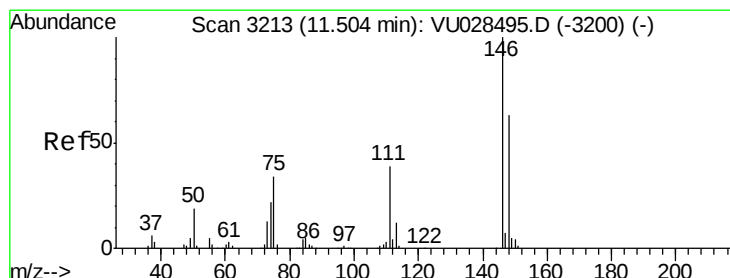
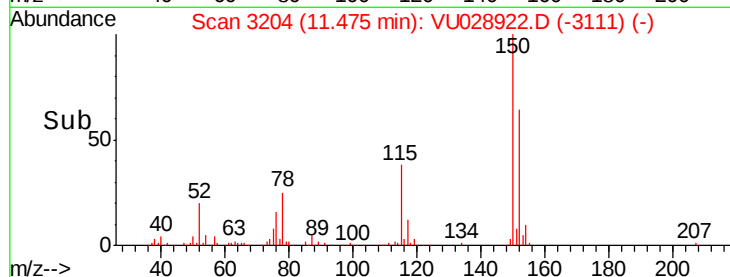
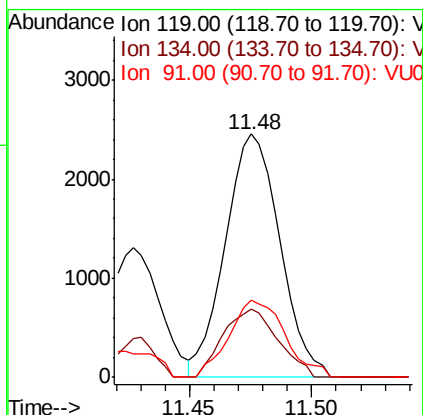
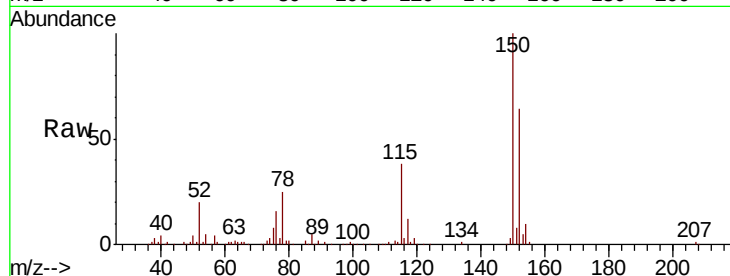




#86
p-Isopropyltoluene
Concen: 0.469 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

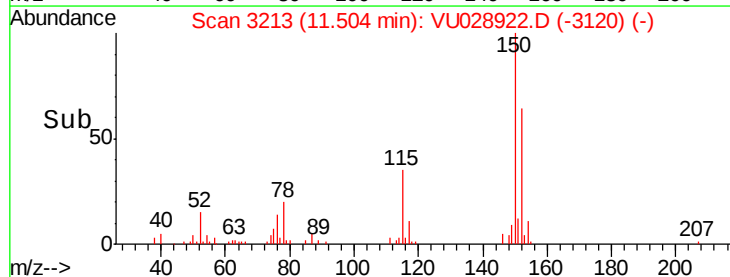
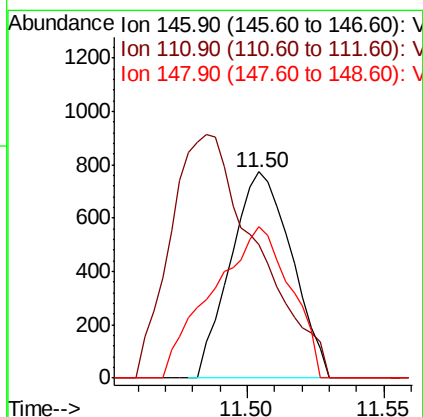
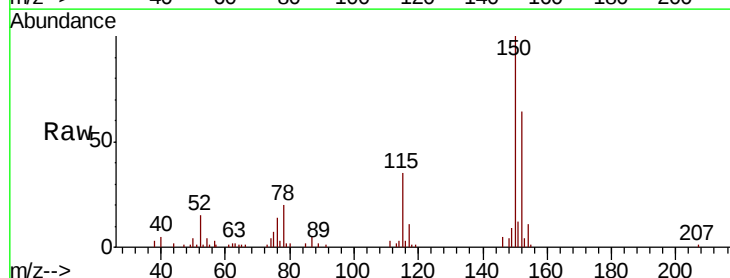
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

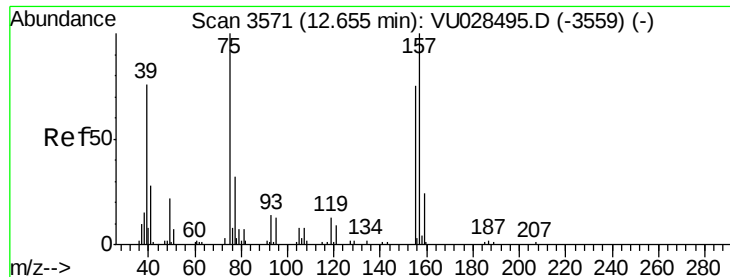
Tgt Ion:119 Resp: 3820
Ion Ratio Lower Upper
119 100
134 28.2 12.7 38.1
91 32.3 12.6 37.6



#88
1,4-Dichlorobenzene
Concen: 0.281 ug/l
RT: 11.50 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

Tgt Ion:146 Resp: 1201
Ion Ratio Lower Upper
146 100
111 167.6 20.2 60.5#
148 93.8 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.157 ug/l

RT: 12.48 min Scan# 3516

Delta R.T. -0.18 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01MEDL

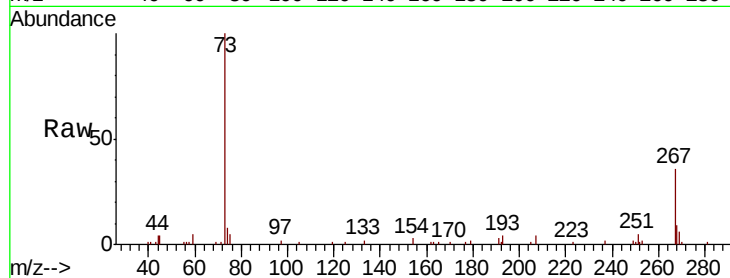
Tgt Ion: 75 Resp: 900

Ion Ratio Lower Upper

75 100

155 4.7 38.1 114.5#

157 0.0 48.7 146.1#



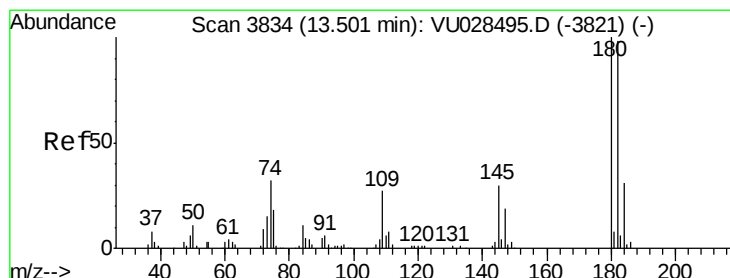
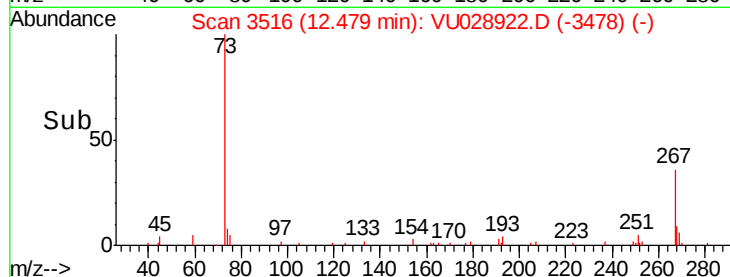
Abundance Ion 74.90 (74.60 to 75.60): VU028922.D (-3478) (-)

Ion 154.80 (154.50 to 155.50): VU028922.D (-3478) (-)

Ion 156.80 (156.50 to 157.50): VU028922.D (-3478) (-)

12.48

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.753 ug/l

RT: 13.50 min Scan# 3835

Delta R.T. 0.00 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

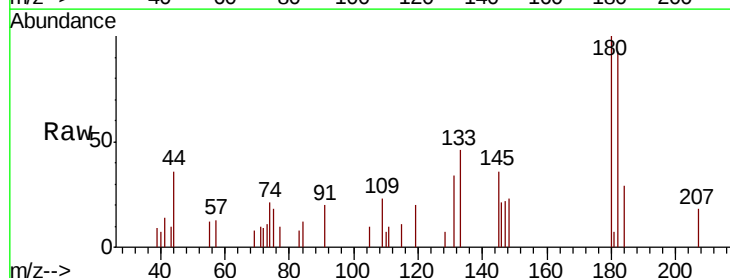
Tgt Ion: 180 Resp: 2627

Ion Ratio Lower Upper

180 100

182 92.6 47.9 143.8

145 32.7 15.0 45.1



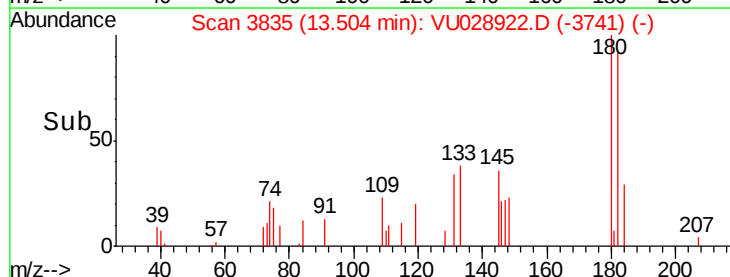
Abundance Ion 179.80 (179.50 to 180.50): VU028922.D (-3741) (-)

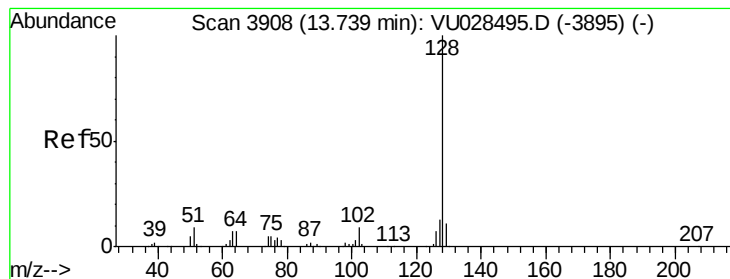
Ion 181.80 (181.50 to 182.50): VU028922.D (-3741) (-)

Ion 144.80 (144.50 to 145.50): VU028922.D (-3741) (-)

13.50

Time-->





#95

Naphthalene

Concen: 1.534 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3638-01MEDL

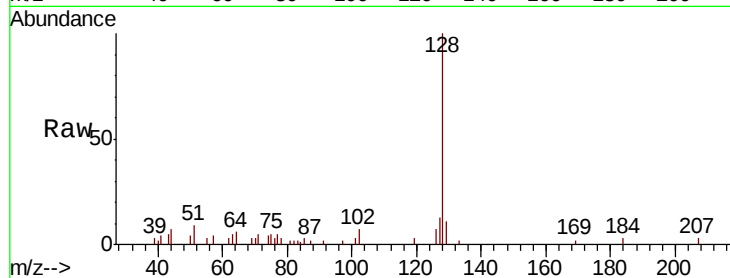
Tgt Ion:128 Resp: 15203

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

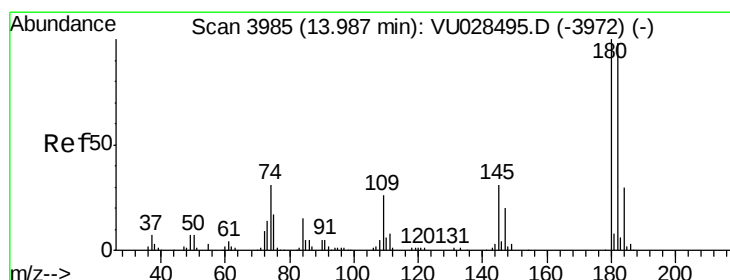
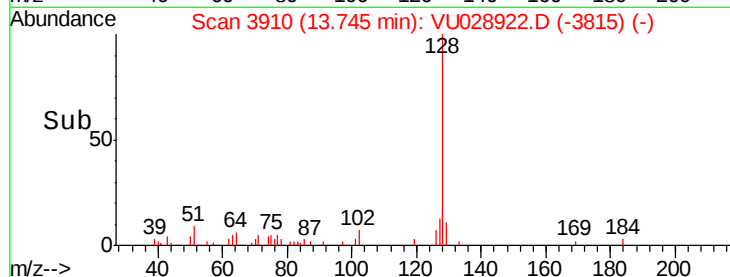
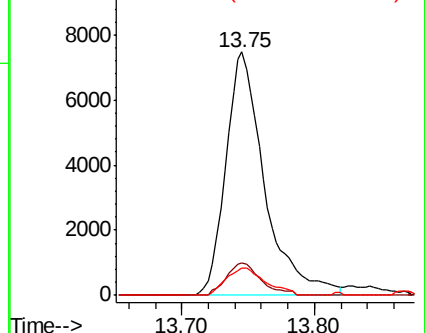
129 11.3 8.6 13.0



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: 0.423 ug/l

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU028922.D

Acq: 22 Dec 2018 18:13

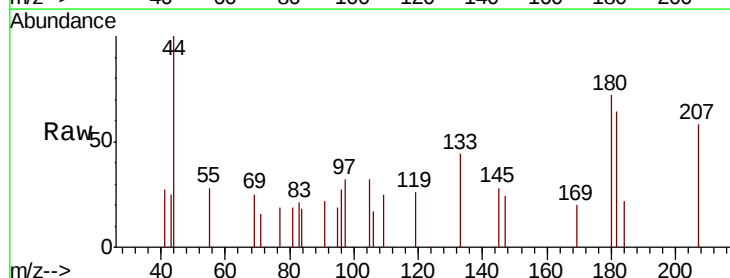
Tgt Ion:180 Resp: 783

Ion Ratio Lower Upper

180 100

182 75.7 48.2 144.6

145 31.5 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

