

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: Jan 05 06:08:07 2019
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

33) 1,2-Dichloroethane-d4	5.31	65	108481	37.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.62%	
35) Dibromofluoromethane	4.88	113	95057	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	7.56	98	373390	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	10.30	95	127990	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	

Target Compounds

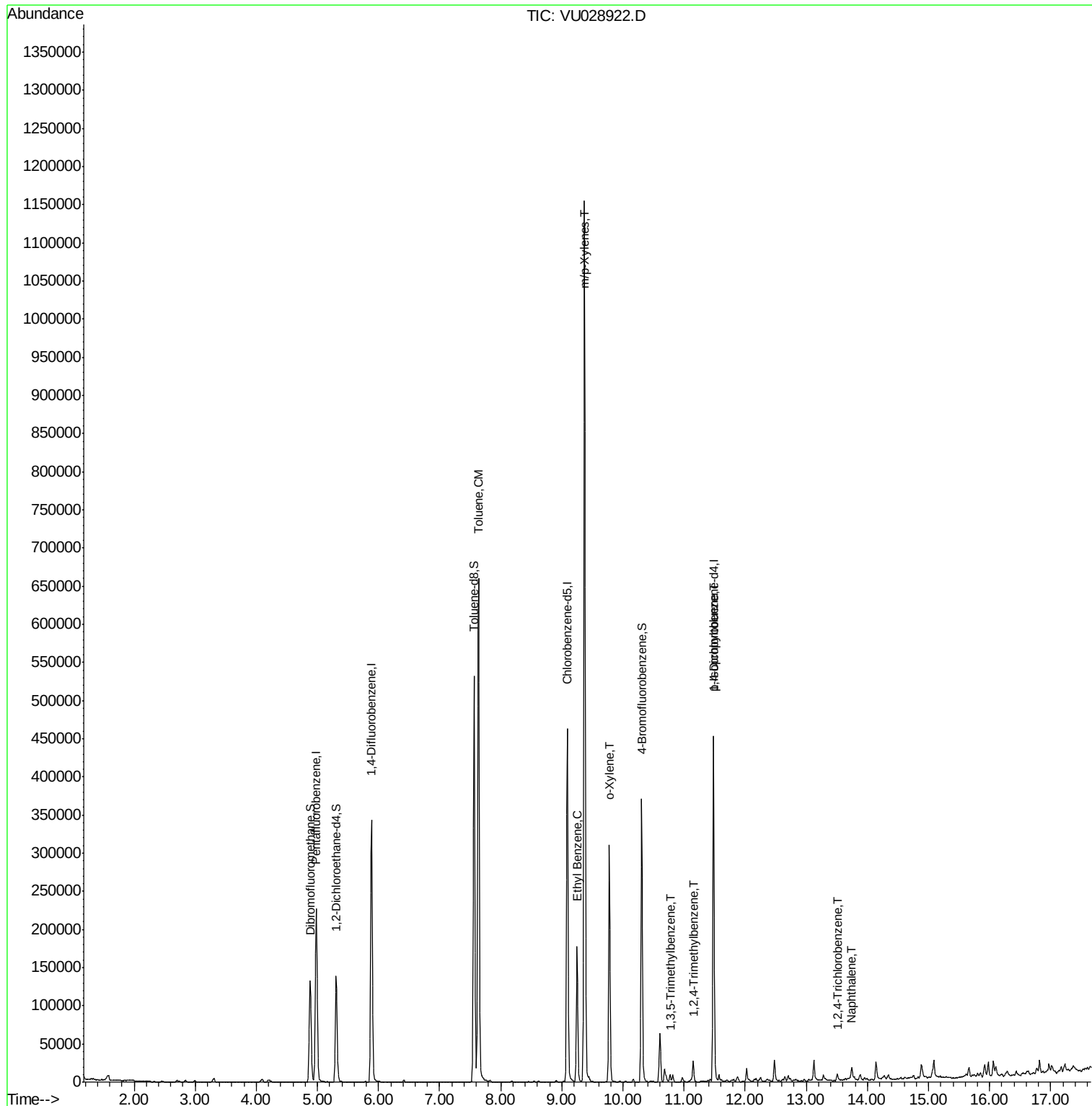
						Qvalue
52) Toluene	7.64	92	290951	49.890	ug/l	99
67) Ethyl Benzene	9.25	91	132127	12.084	ug/l	99
68) m/p-Xylenes	9.37	106	334007	83.951	ug/l	95
69) o-Xylene	9.78	106	86071	22.261	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	5695	0.736	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	15993	2.005	ug/l	98
86) p-Isopropyltoluene	11.48	119	3820	0.469	ug/l	90
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

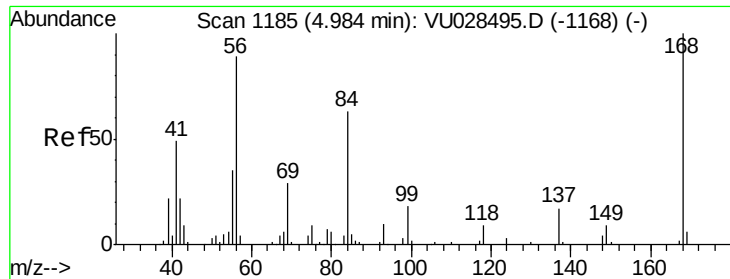
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

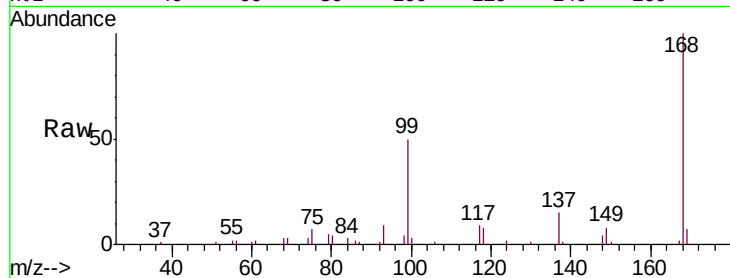
P001-SS013-3638-01MEDL

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

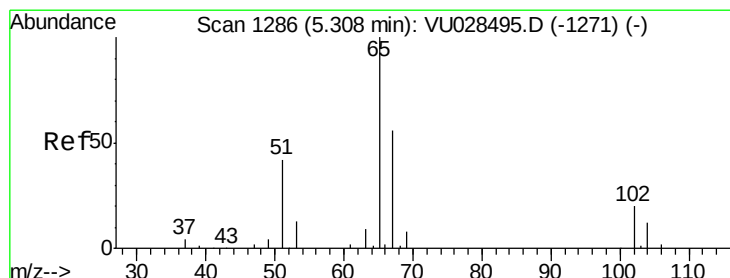
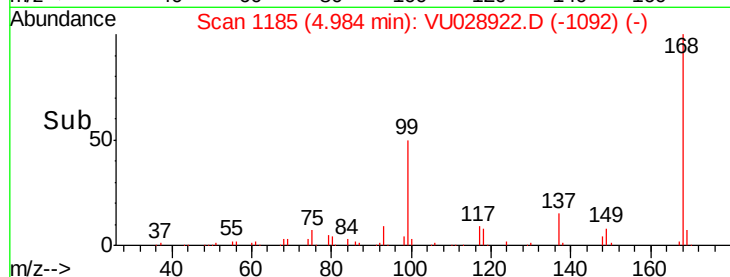
40000

20000

0

4.90 5.00 5.10

Time-->



#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

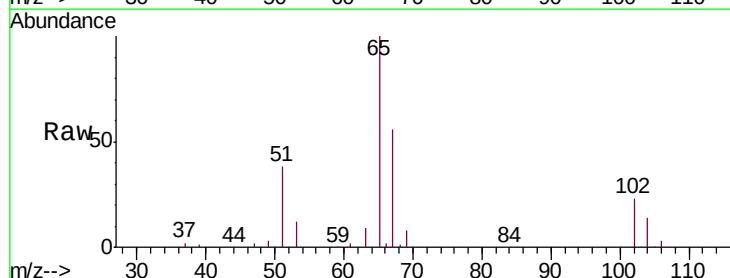
Acq: 22 Dec 2018 18:13

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): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

50000

40000

30000

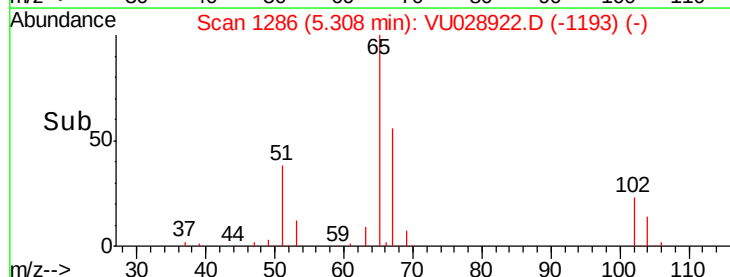
20000

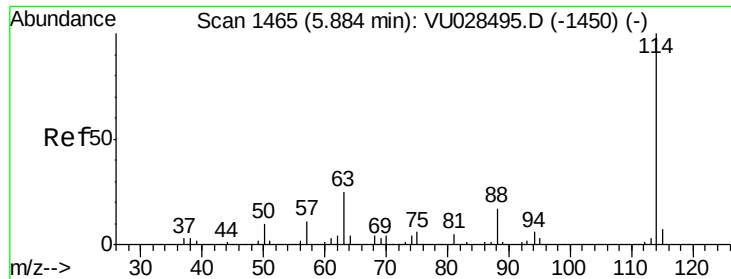
10000

0

5.20 5.30 5.40

Time-->

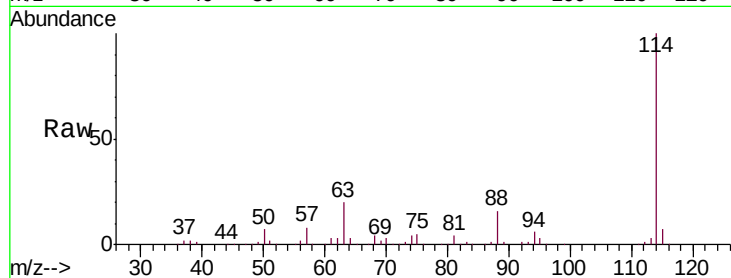




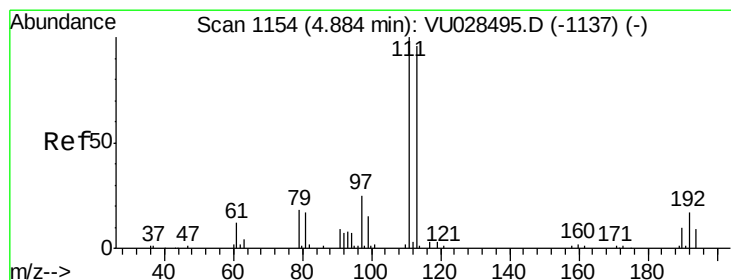
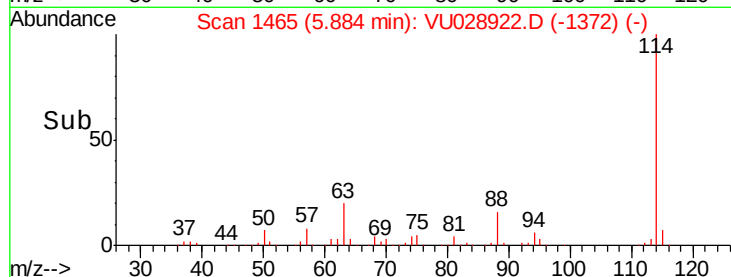
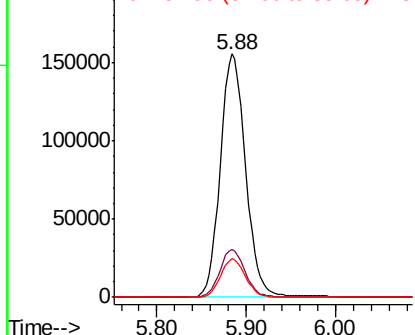
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028922.D
 Acq: 22 Dec 2018 18:13

Instrument :
 MSVOA_U
 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

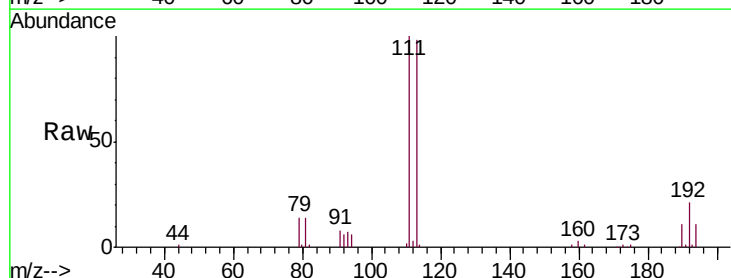


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

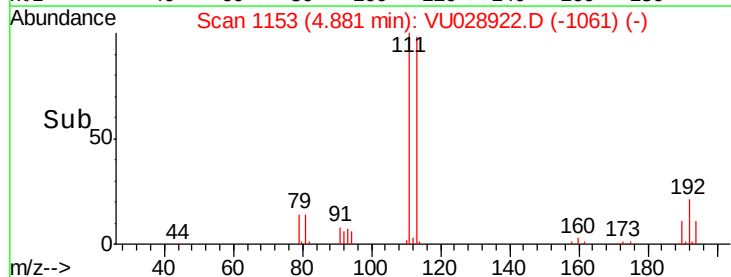
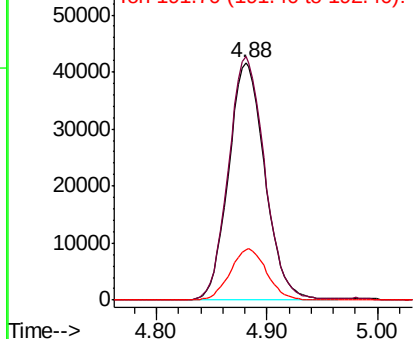


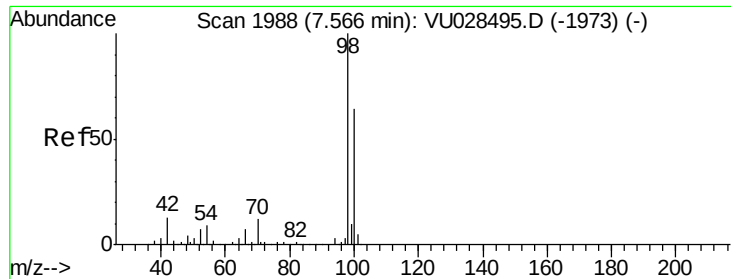
#35
 Dibromofluoromethane
 Concen: 49.128 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028922.D
 Acq: 22 Dec 2018 18:13

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

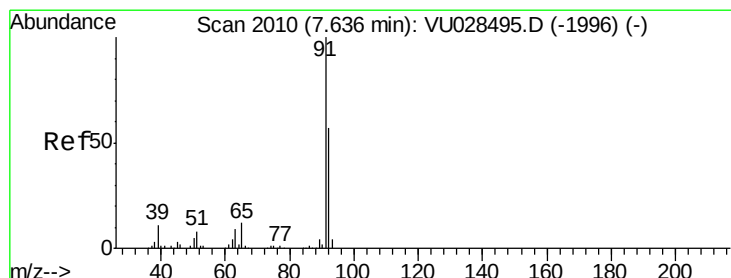
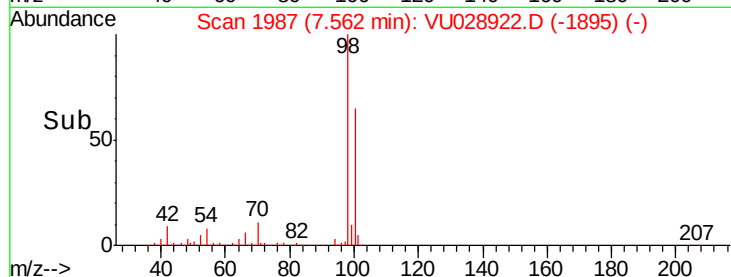
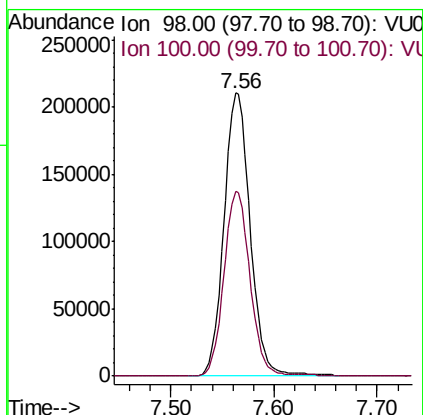
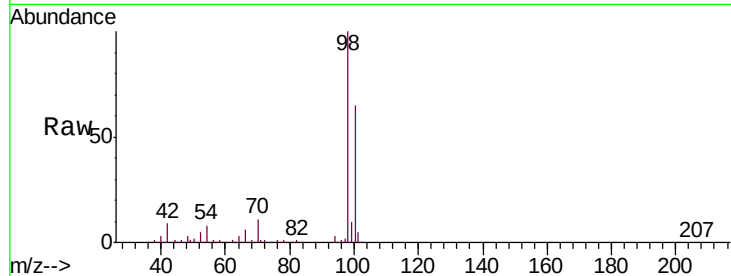




#50
Toluene-d8
Concen: 48.783 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

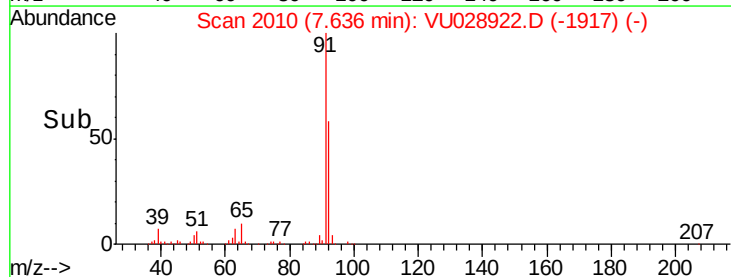
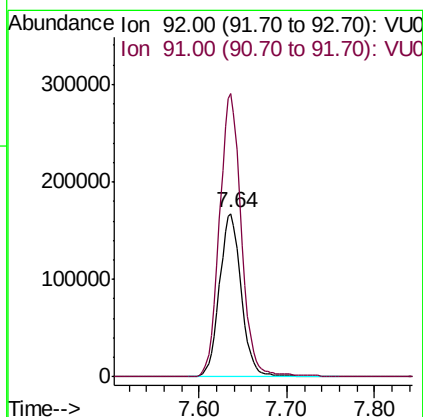
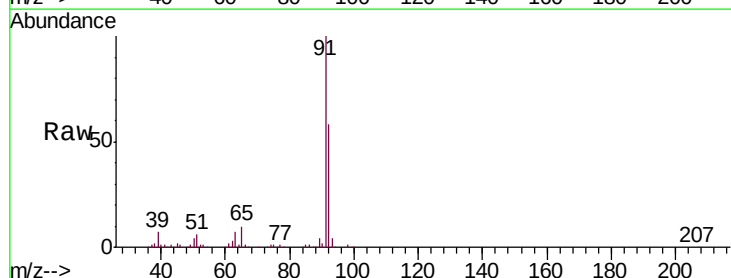
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3638-01MEDL

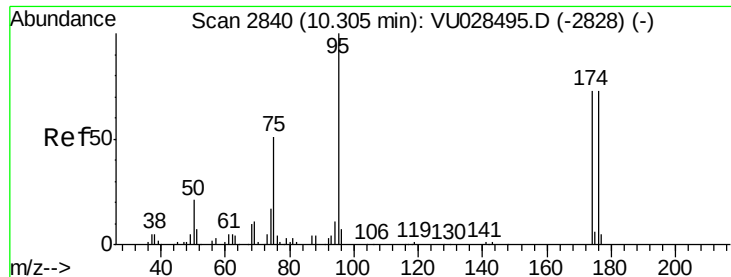
Tgt Ion: 98 Resp: 373390
Ion Ratio Lower Upper
98 100
100 65.2 51.0 76.6



#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

Tgt Ion: 92 Resp: 290951
Ion Ratio Lower Upper
92 100
91 173.5 140.2 210.4





#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

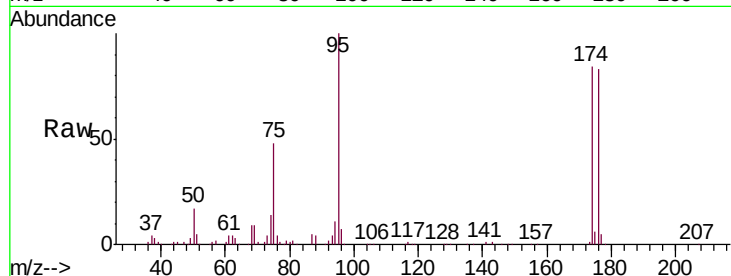
Tgt Ion: 95 Resp: 127990

Ion Ratio Lower Upper

95 100

174 84.3 0.0 150.4

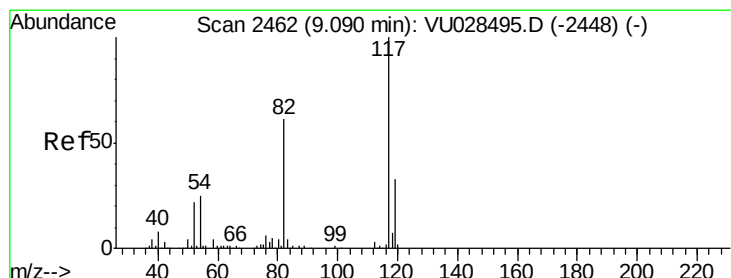
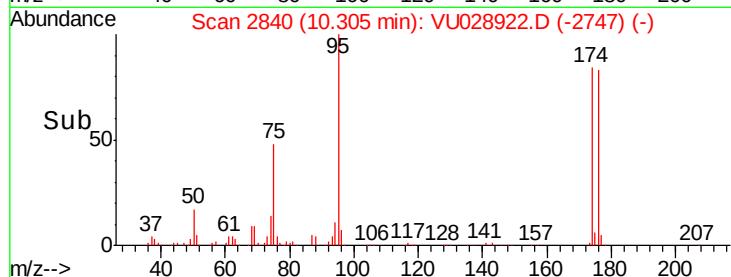
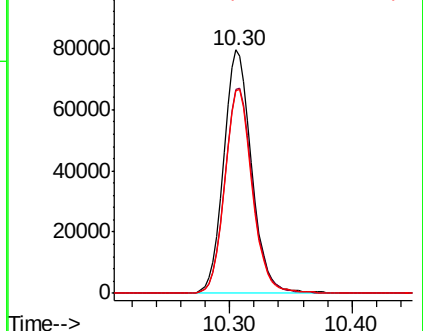
176 82.5 0.0 145.2



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

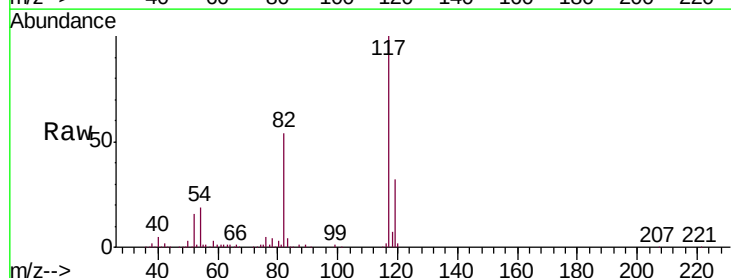
Tgt Ion: 117 Resp: 279121

Ion Ratio Lower Upper

117 100

82 53.8 48.9 73.3

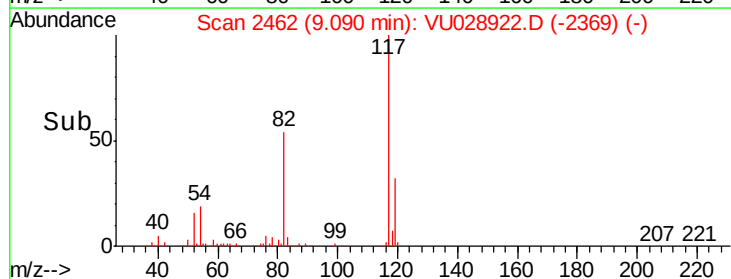
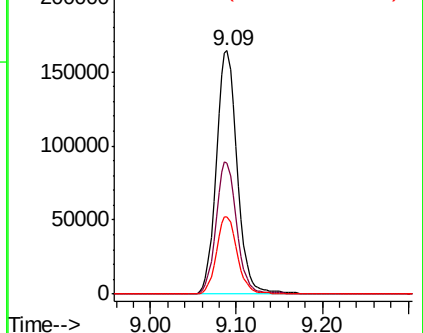
119 31.9 26.2 39.4

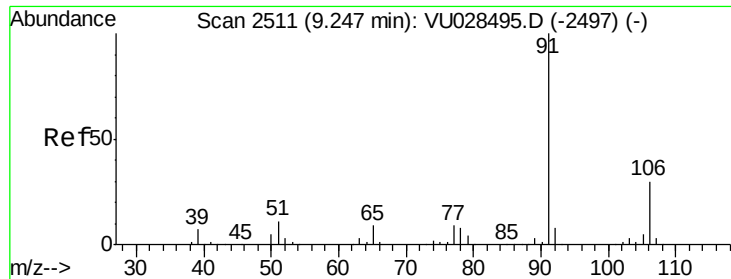


Abundance Ion 116.90 (116.60 to 117.60): V

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 :

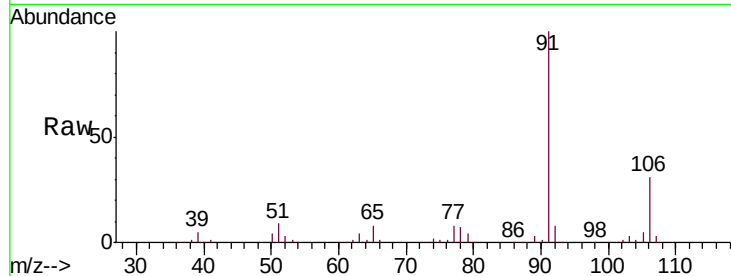
P001-SS013-3638-01MEDL

Tgt Ion: 91 Resp: 132127

Ion Ratio Lower Upper

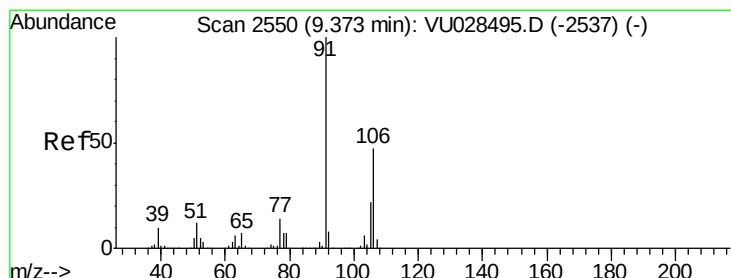
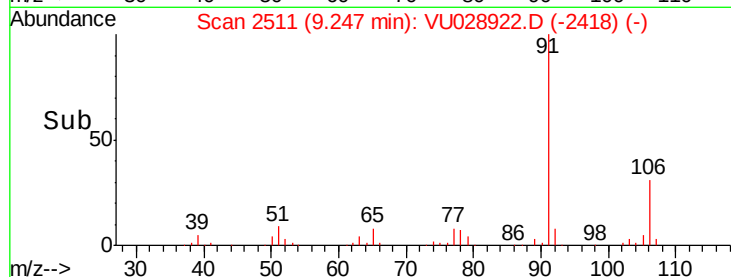
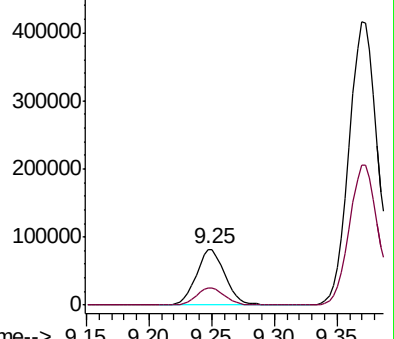
91 100

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

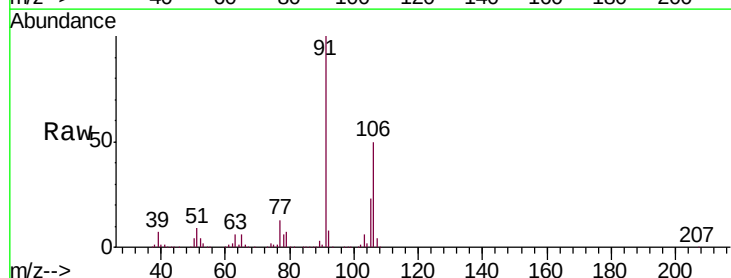
Acq: 22 Dec 2018 18:13

Tgt Ion: 106 Resp: 334007

Ion Ratio Lower Upper

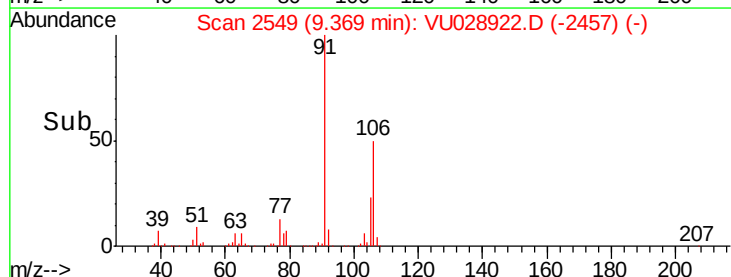
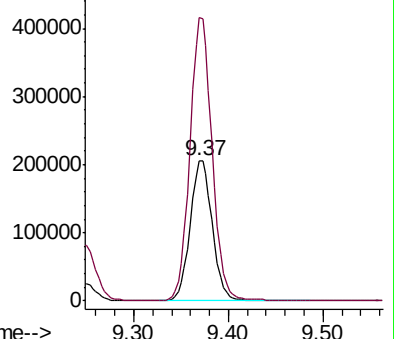
106 100

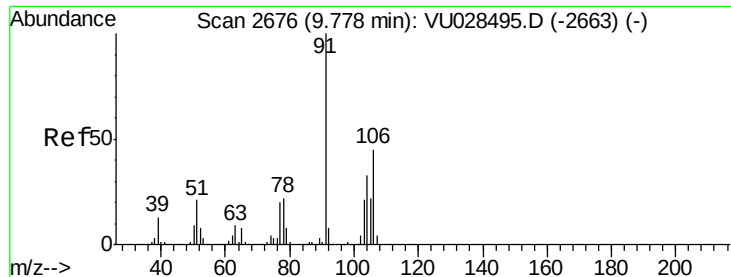
91 202.0 167.4 251.0



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

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

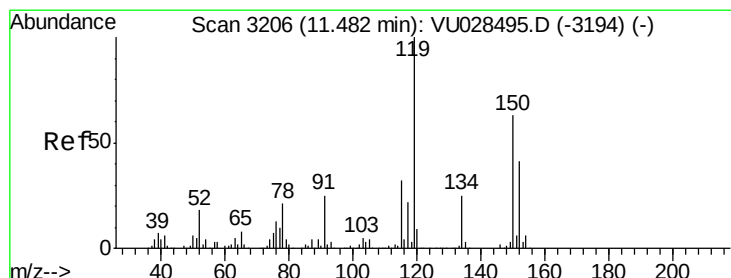
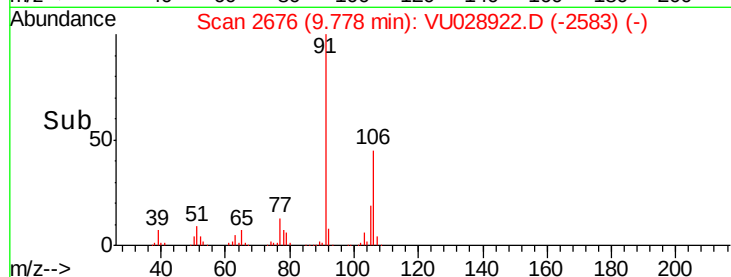
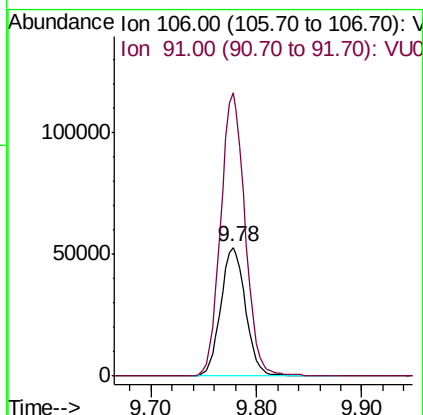
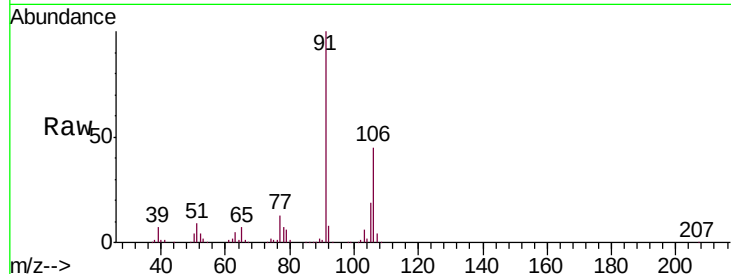




#69
o-Xylene
Concen: 22.261 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

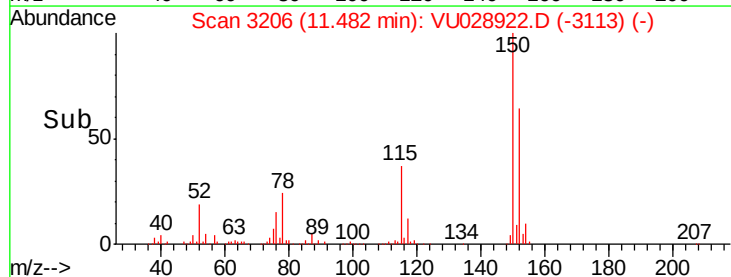
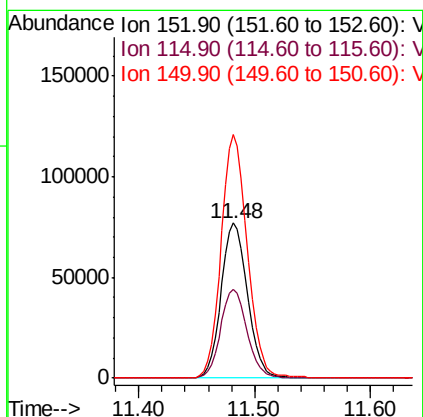
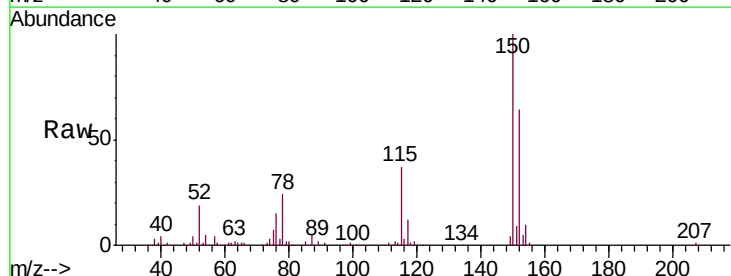
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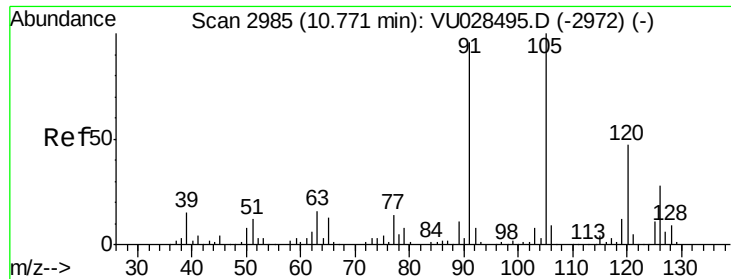
Tgt Ion:106 Resp: 86071
Ion Ratio Lower Upper
106 100
91 217.0 111.3 334.0



#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

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

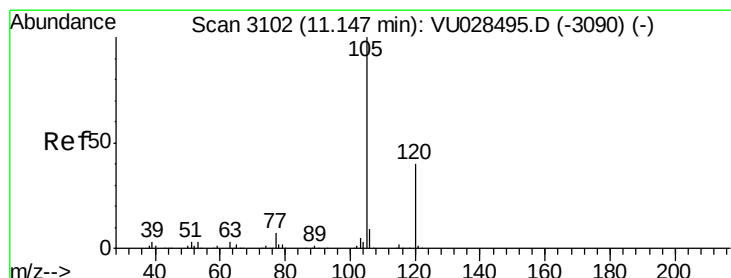
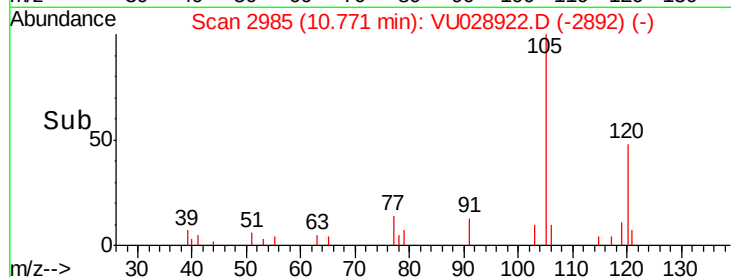
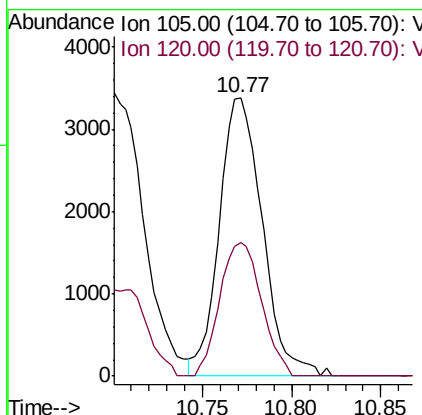
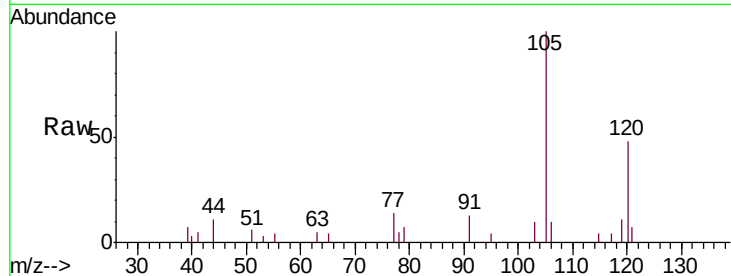




#80
 1,3,5-Trimethylbenzene
 Concen: 0.736 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028922.D
 Acq: 22 Dec 2018 18:13

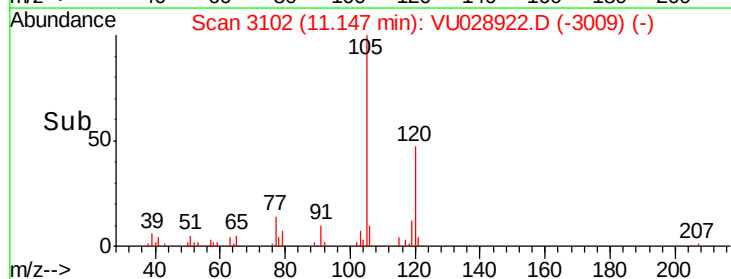
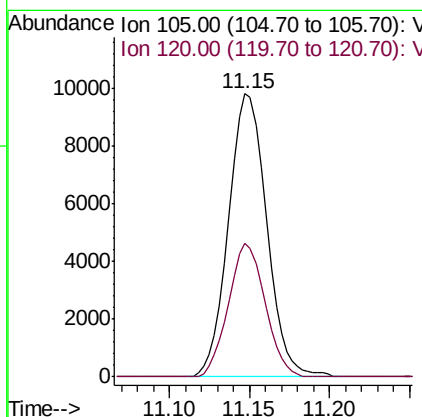
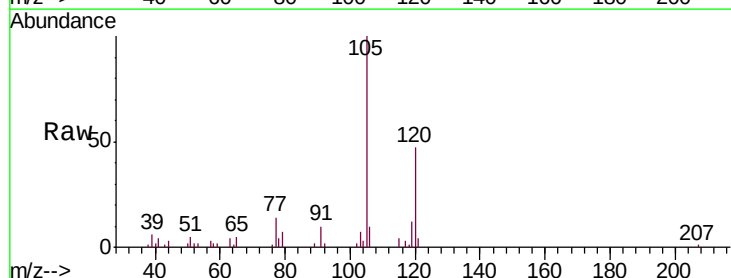
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01MEDL

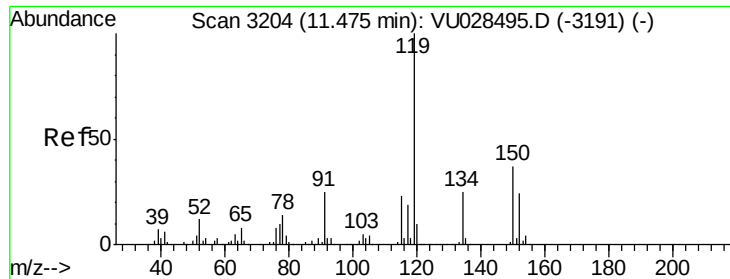
Tgt Ion:105 Resp: 5695
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.7 71.1



#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

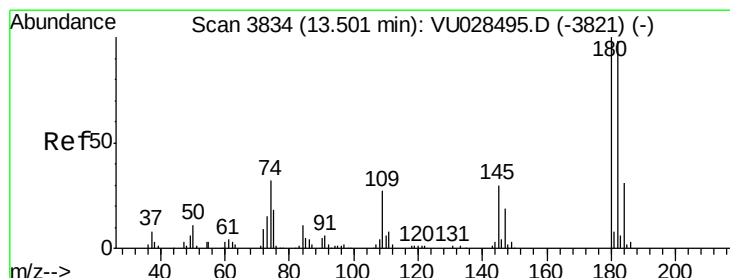
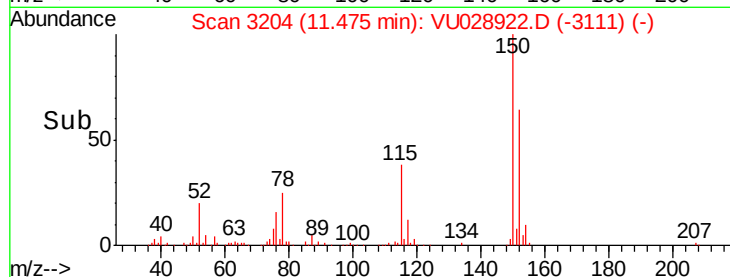
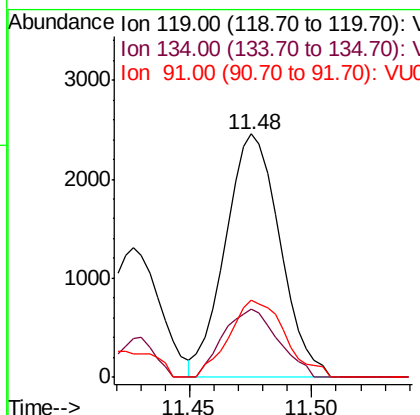
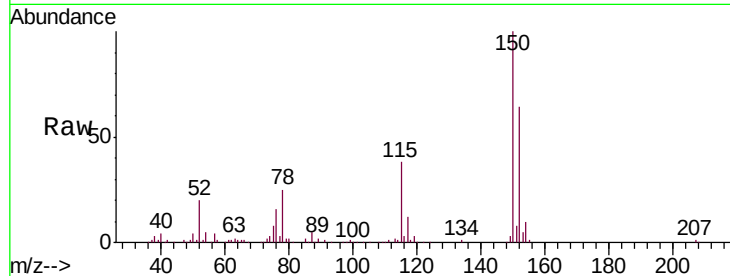




#86
 p-Isopropyltoluene
 Concen: 0.469 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028922.D
 Acq: 22 Dec 2018 18:13

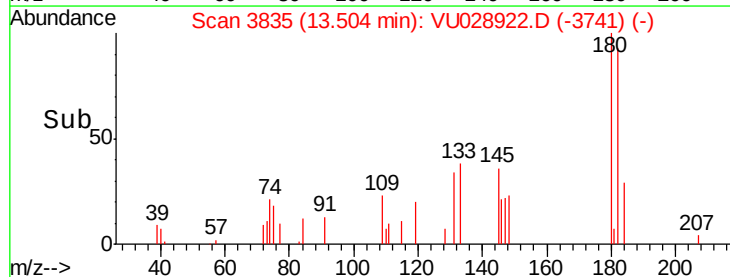
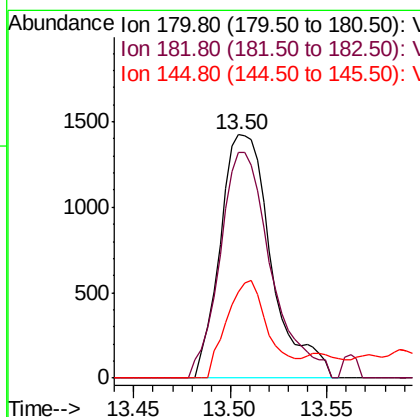
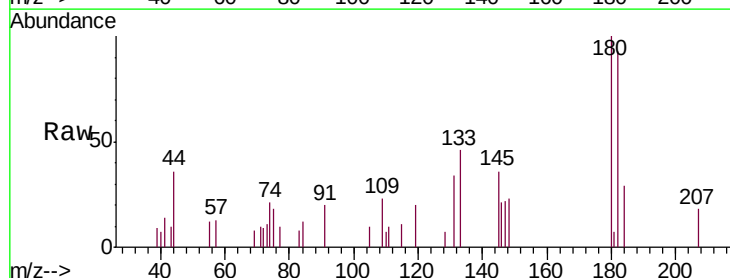
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3638-01MEDL

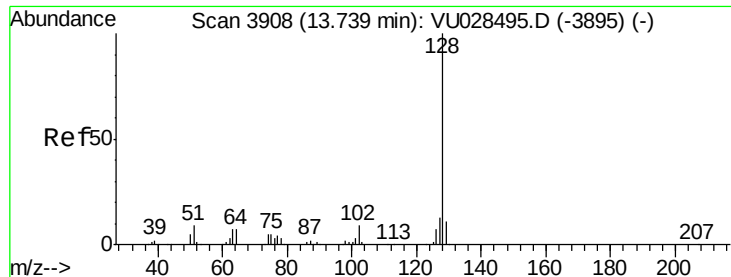
Tgt Ion:119 Resp: 3820
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.7 38.1
 91 32.3 12.6 37.6



#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

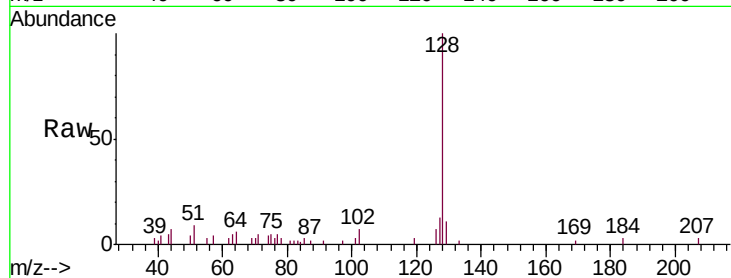




#95
Naphthalene
Concen: 1.534 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU028922.D
Acq: 22 Dec 2018 18:13

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

Tgt Ion	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

