

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028095.D
 Acq On : 13 Nov 2018 16:30
 Operator : MD/SY
 Sample : J5921-08DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-UST-MIDDLEDL

Quant Time: Nov 14 07:27:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	265074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	482039	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	422081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	179906	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	203610	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
35) Dibromofluoromethane	4.88	113	152933	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	7.57	98	614003	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	10.31	95	199678	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	

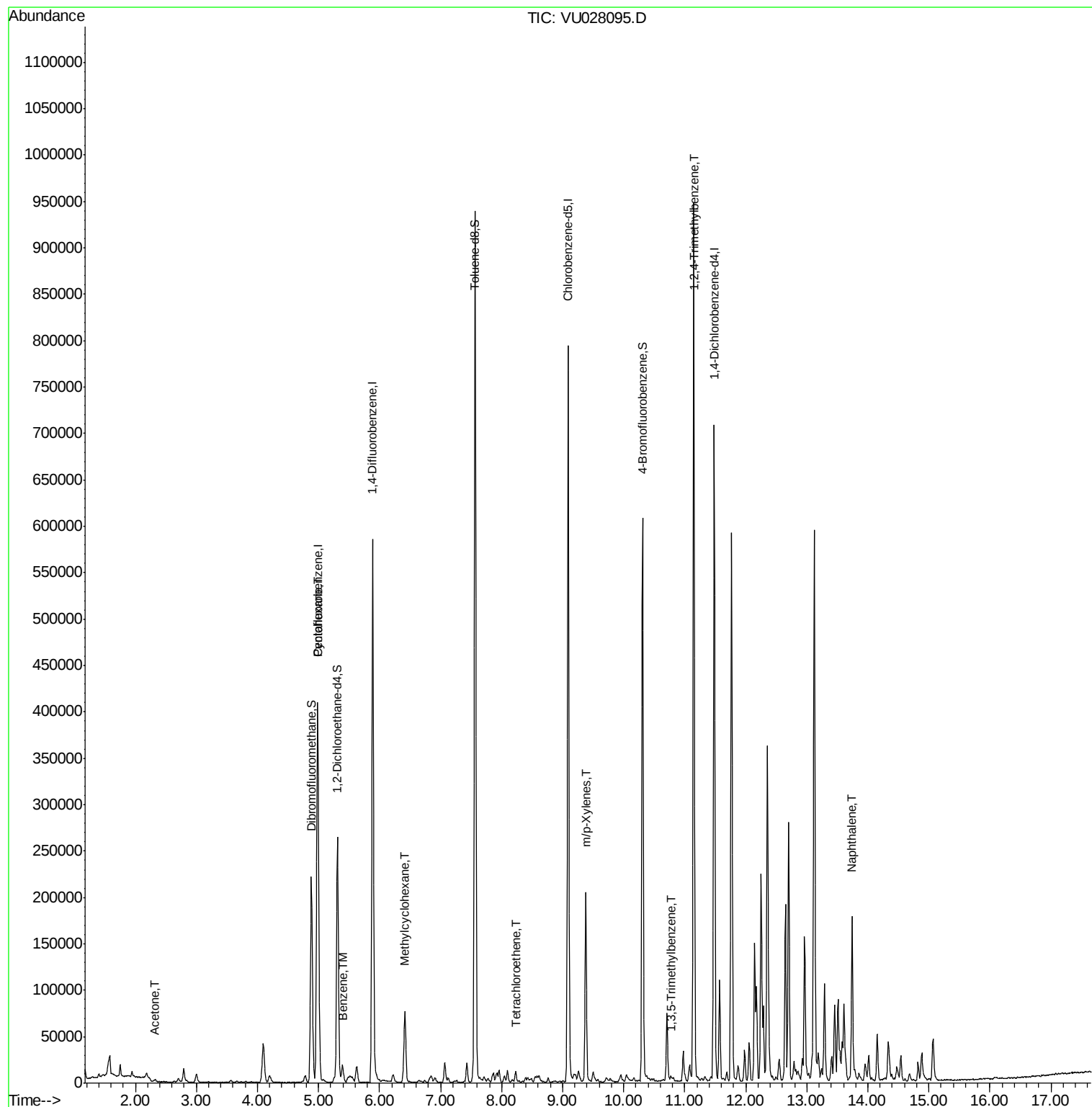
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	2384	0.975	ug/l	91
31) Cyclohexane	5.00	56	49621	5.746	ug/l #	87
39) Methylcyclohexane	6.42	83	31927	5.243	ug/l	98
40) Benzene	5.39	78	17754	1.150	ug/l	99
64) Tetrachloroethene	8.23	164	2700	0.987	ug/l	88
68) m/p-Xylenes	9.38	106	52457	8.808	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	3751	0.325	ug/l	85
84) 1,2,4-Trimethylbenzene	11.15	105	510502	43.911	ug/l	100
95) Naphthalene	13.74	128	142421	9.504	ug/l	99

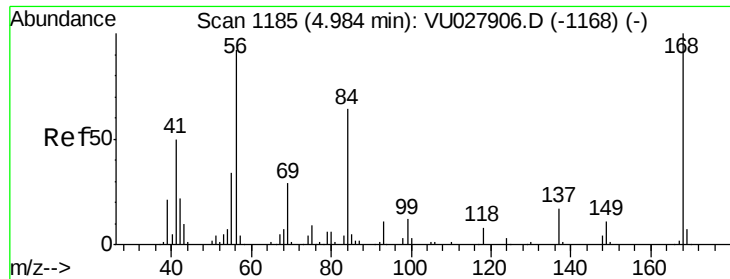
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 02 02:28:20 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: VU028095.D

Acq: 13 Nov 2018 16:30

Instrument :

MSVOA_U

ClientSampleId :

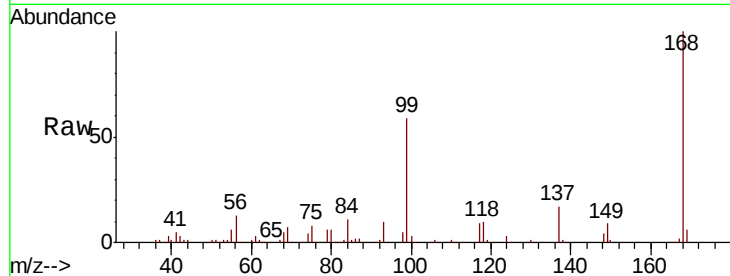
SP-UST-MIDDLEDL

Tot Ion:168 Resp: 265074

Ion Ratio Lower Upper

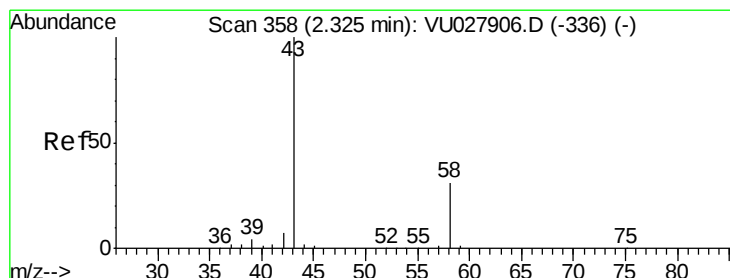
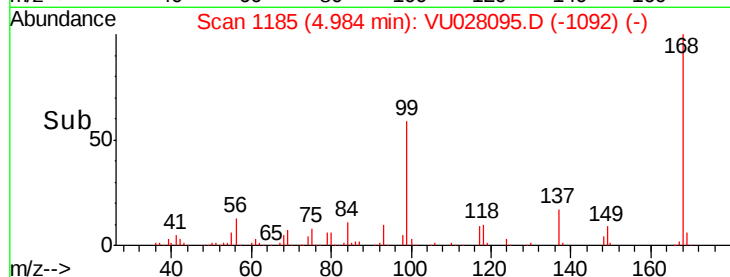
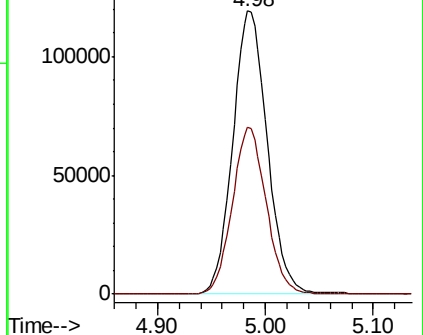
168 100

99 59.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028095.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028095.D (-1092) (-)



#16

Acetone

Concen: 0.975 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028095.D

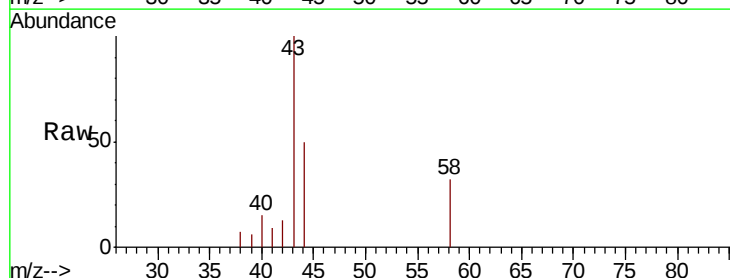
Acq: 13 Nov 2018 16:30

Tgt Ion: 43 Resp: 2384

Ion Ratio Lower Upper

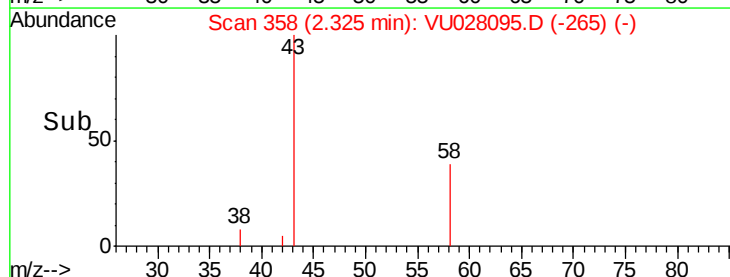
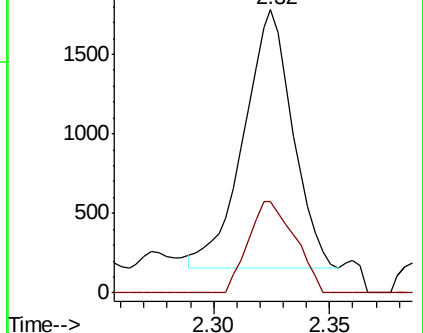
43 100

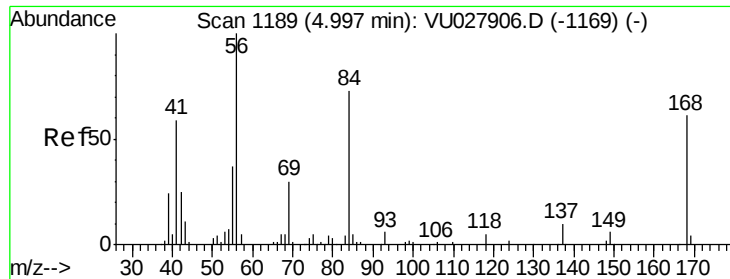
58 35.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028095.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028095.D (-265) (-)

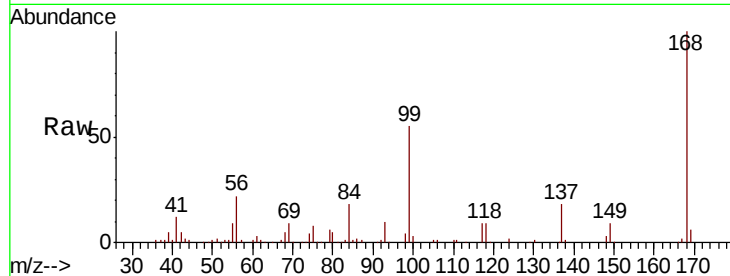




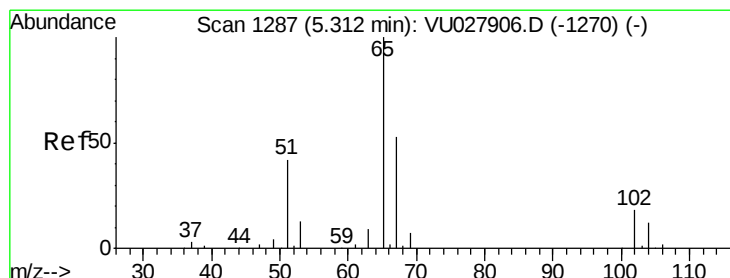
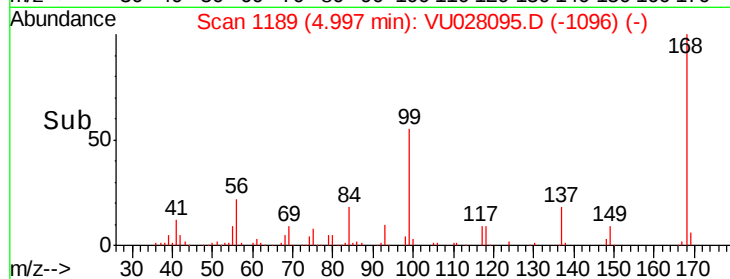
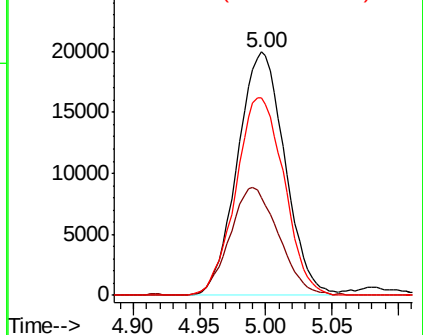
#31
Cyclohexane
Concen: 5.746 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

Instrument :
MSVOA_U
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion: 56 Resp: 49621
Ion Ratio Lower Upper
56 100
69 40.1 23.7 35.5#
84 81.1 58.2 87.4

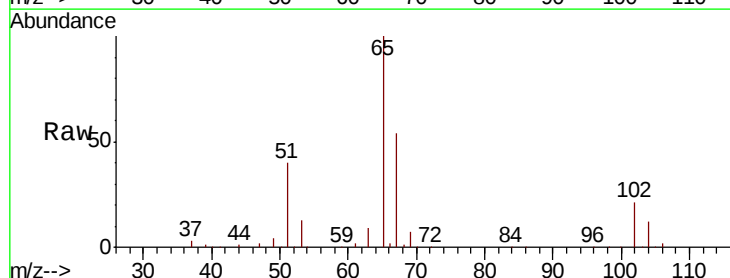


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

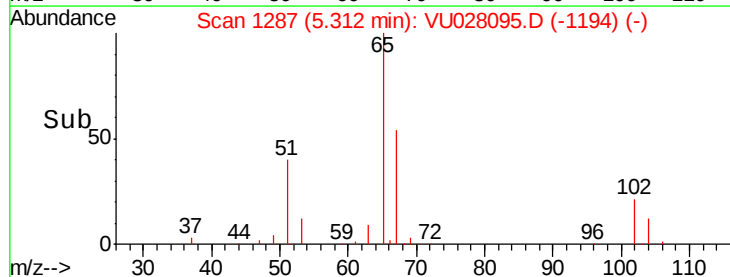
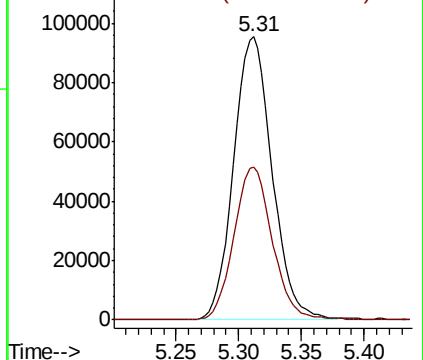


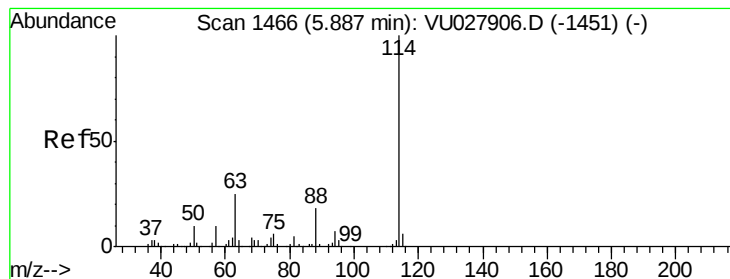
#33
1,2-Dichloroethane-d4
Concen: 51.665 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

Tgt Ion: 65 Resp: 203610
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0



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: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028095.D

Acq: 13 Nov 2018 16:30

Instrument :

MSVOA_U

ClientSampleId :

SP-UST-MIDDLEDL

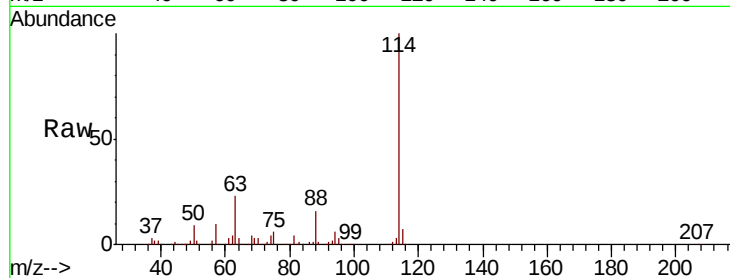
Tot Ion:114 Resp: 482039

Ion Ratio Lower Upper

114 100

63 23.3 0.0 50.8

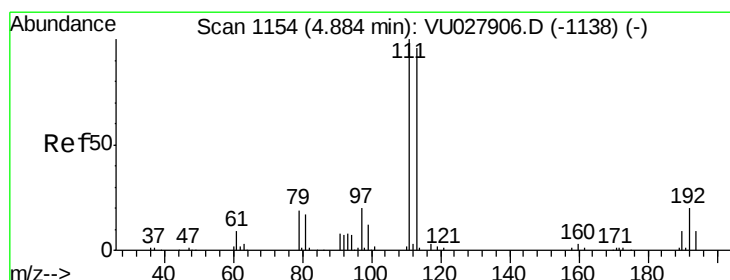
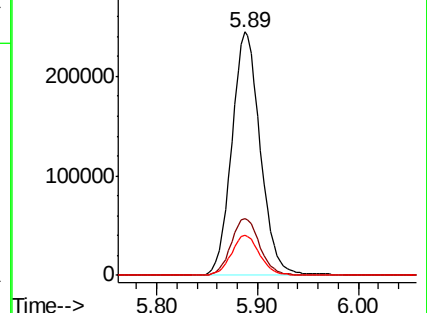
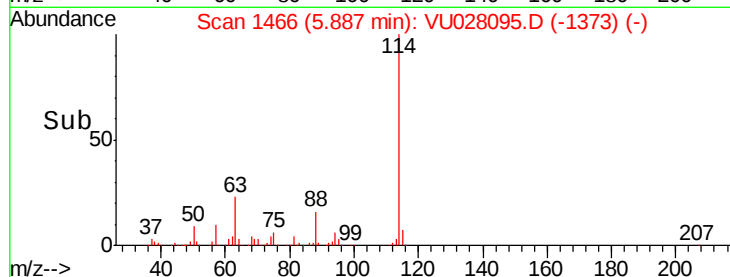
88 16.5 0.0 35.8



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: 50.318 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028095.D

Acq: 13 Nov 2018 16:30

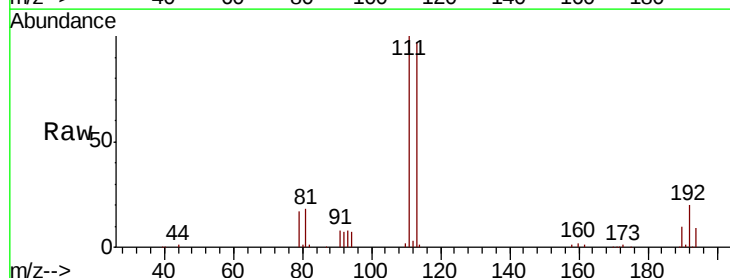
Tgt Ion:113 Resp: 152933

Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.6

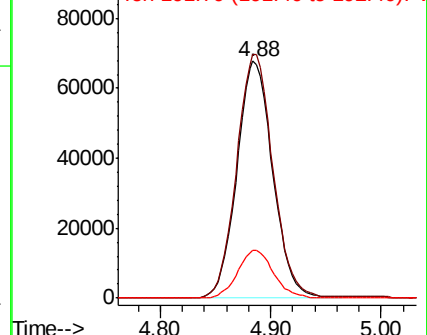
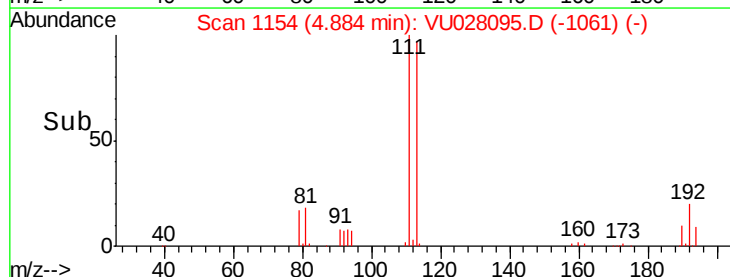
192 20.1 15.6 23.4

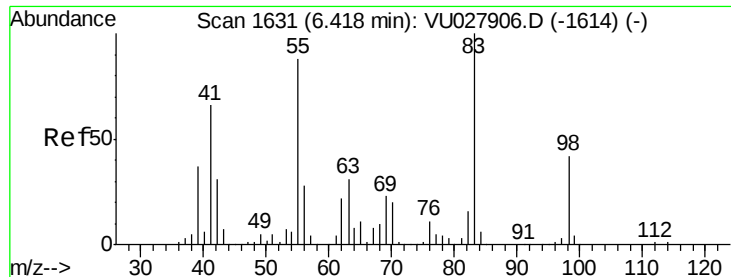


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

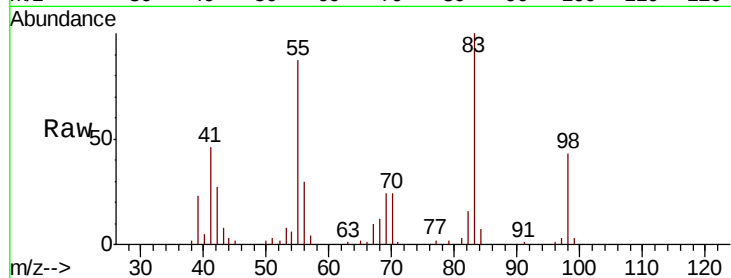




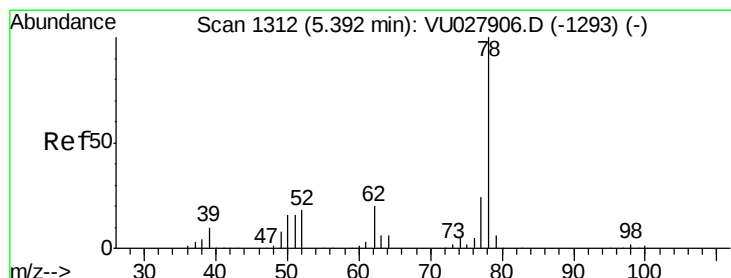
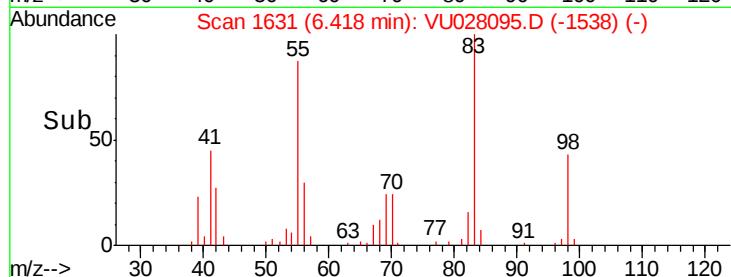
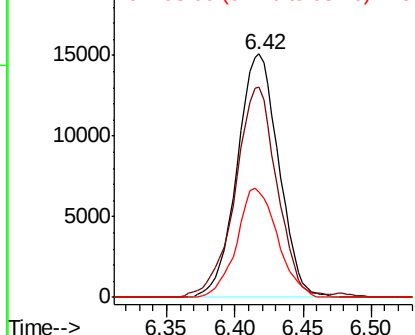
#39
Methvlcvclohexane
Concen: 5.243 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

Instrument :
MSVOA_U
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion: 83 Resp: 31927
Ion Ratio Lower Upper
83 100
55 85.1 70.3 105.5
98 43.3 34.0 51.0

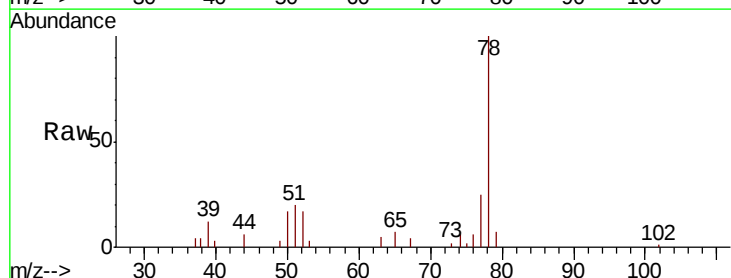


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

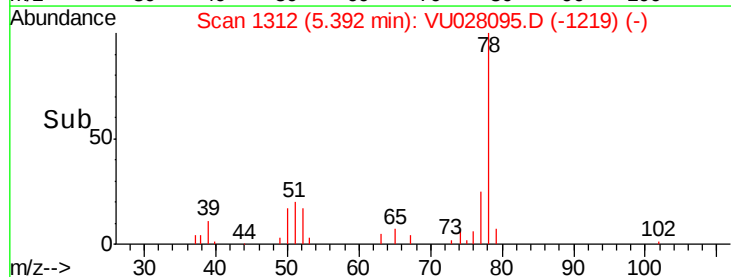
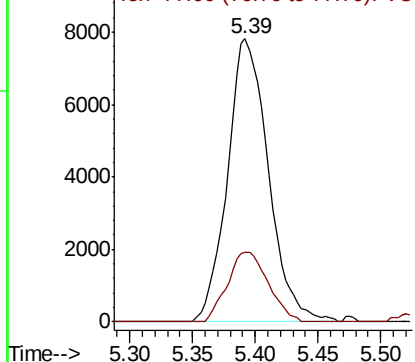


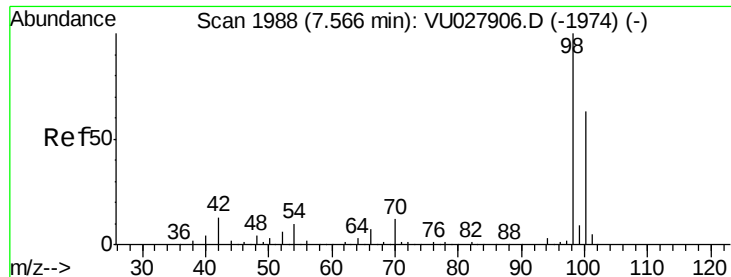
#40
Benzene
Concen: 1.150 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

Tgt Ion: 78 Resp: 17754
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#50

Toluene-d8

Concen: 52.297 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028095.D

Acq: 13 Nov 2018 16:30

Instrument :

MSVOA_U

ClientSampleId :

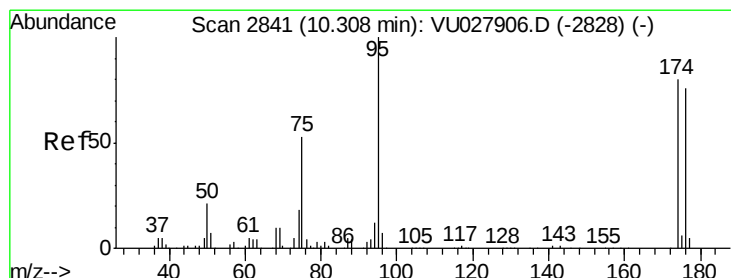
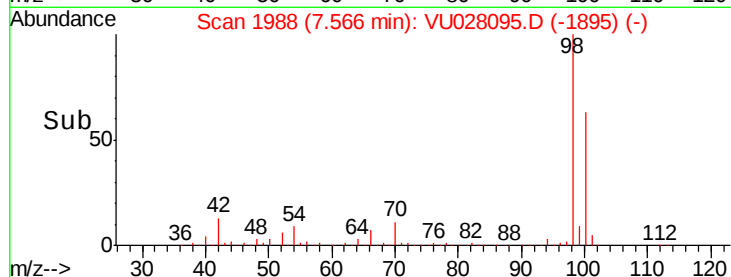
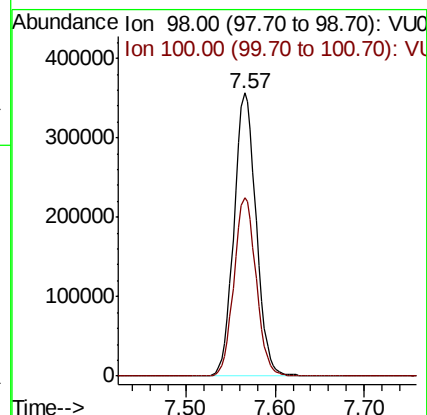
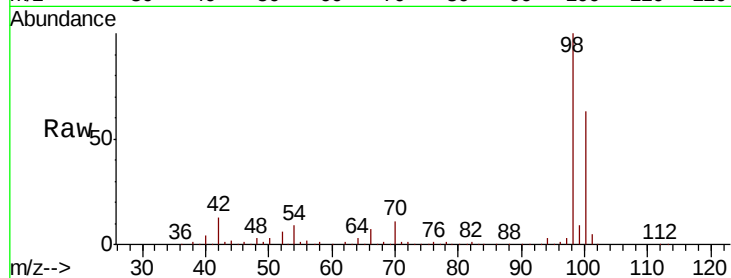
SP-UST-MIDDLEDL

Tot Ion: 98 Resp: 614003

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 46.110 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028095.D

Acq: 13 Nov 2018 16:30

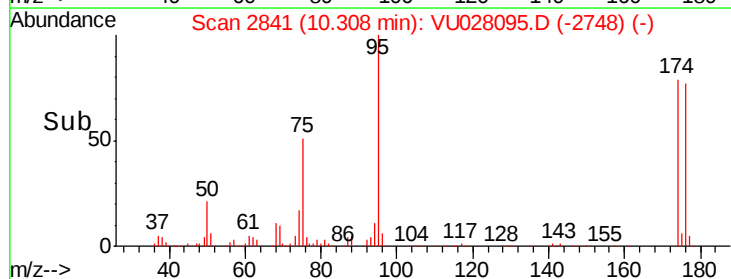
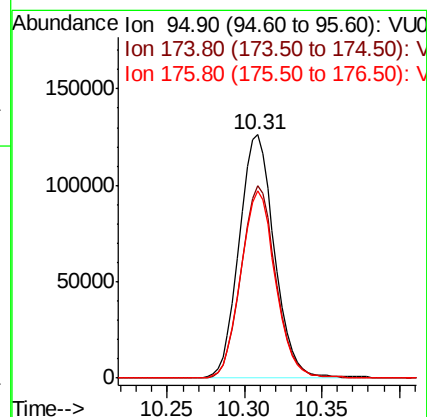
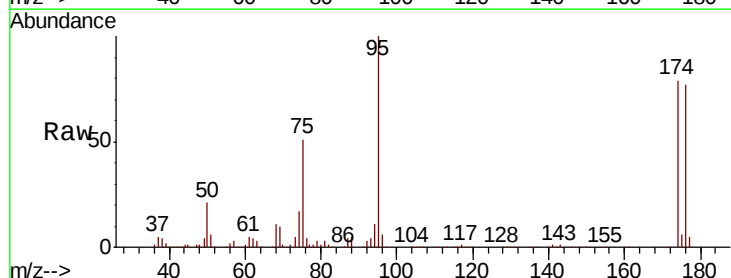
Tgt Ion: 95 Resp: 199678

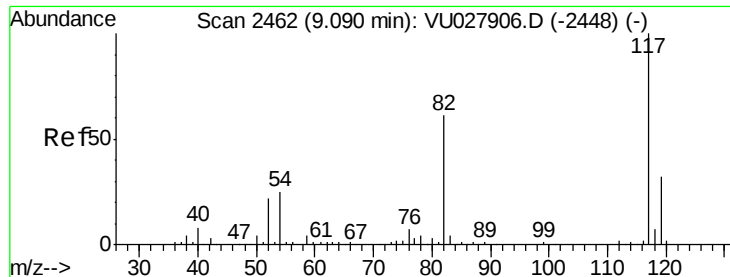
Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.4

176 76.2 0.0 150.8

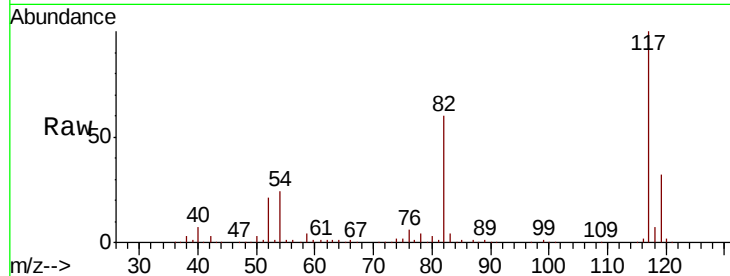




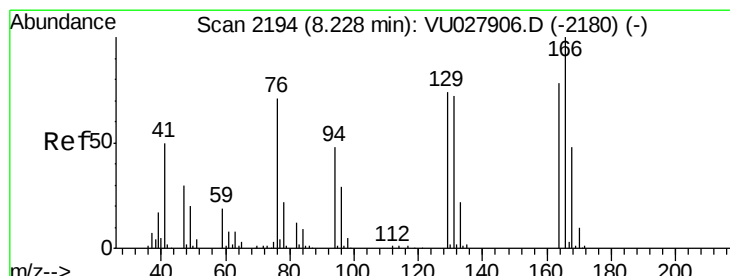
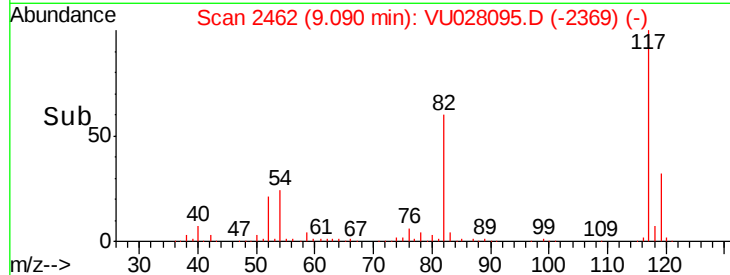
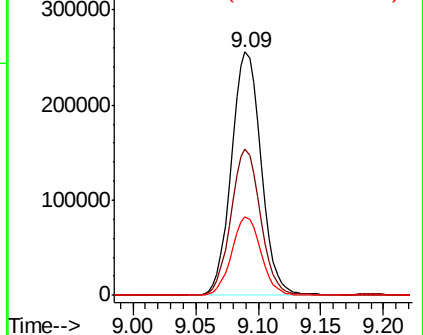
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

Instrument :
MSVOA_U
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion:117 Resp: 422081
Ion Ratio Lower Upper
117 100
82 60.1 48.6 73.0
119 32.1 25.8 38.8

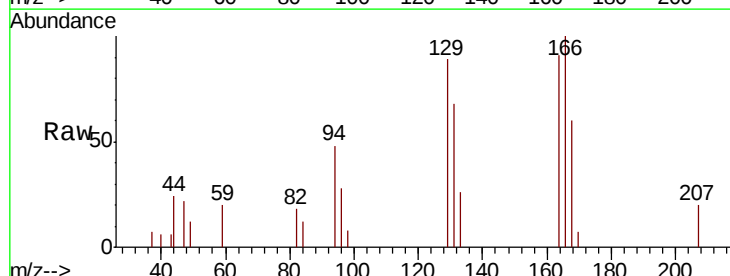


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

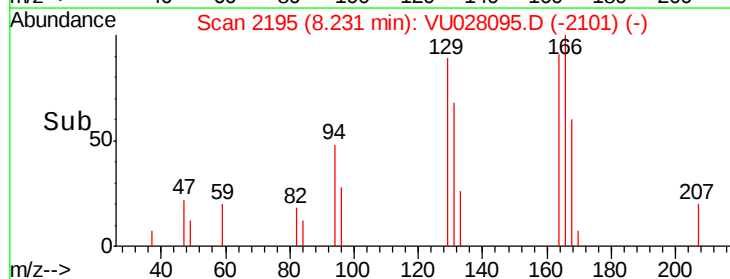
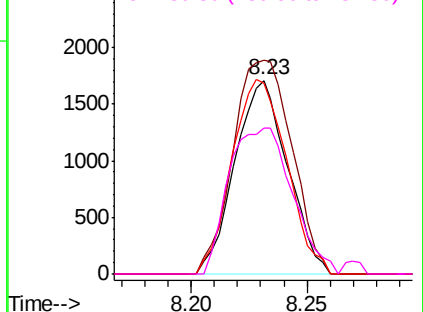


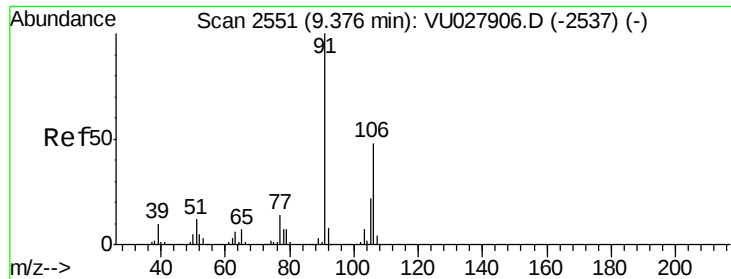
#64
Tetrachloroethene
Concen: 0.987 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

Tgt Ion:164 Resp: 2700
Ion Ratio Lower Upper
164 100
166 110.4 102.1 153.1
129 98.4 75.9 113.9
131 75.1 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

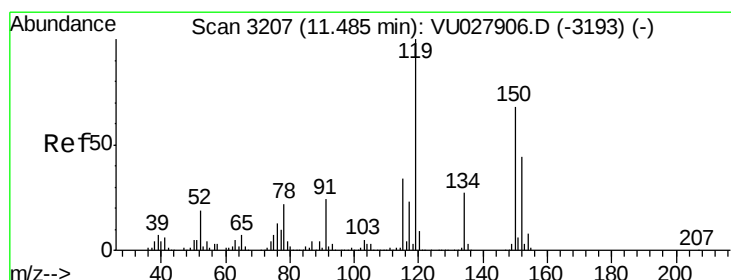
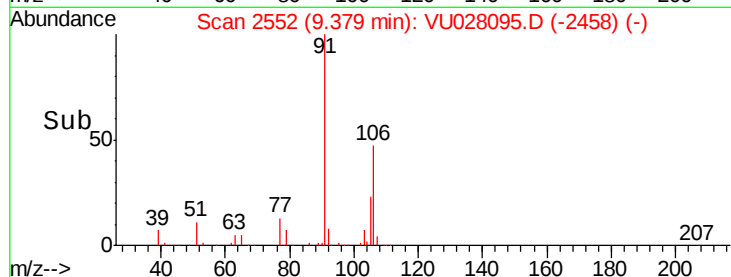
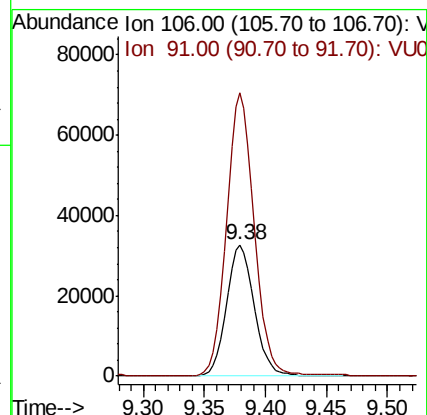
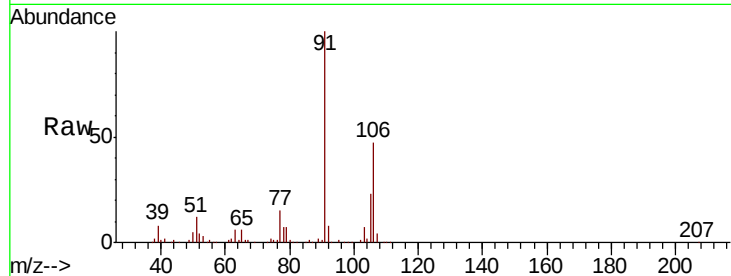




#68
m/p-Xvlenes
Concen: 8.808 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

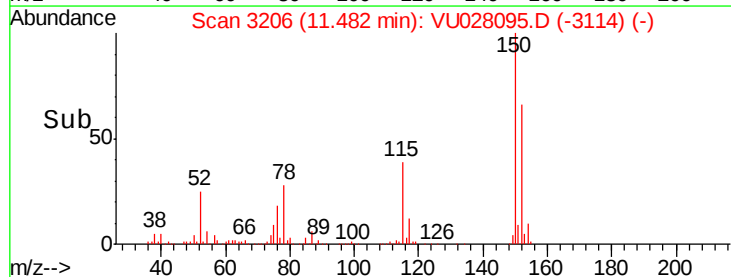
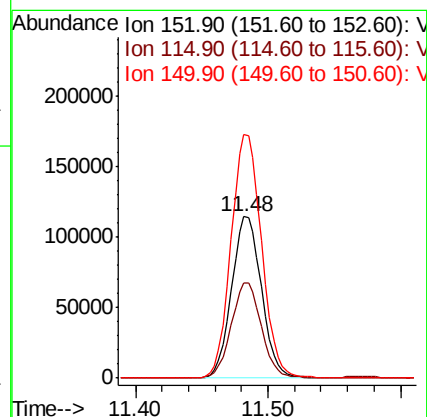
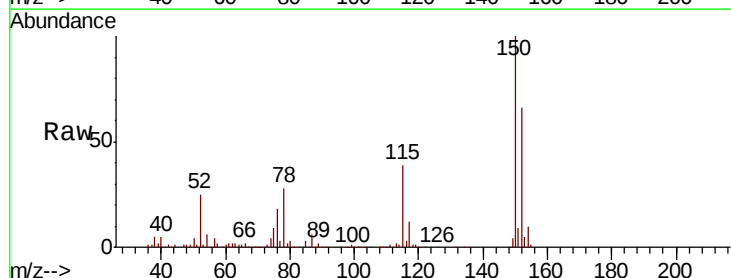
Instrument :
MSVOA_U
ClientSampleId :
SP-UST-MIDDLEDL

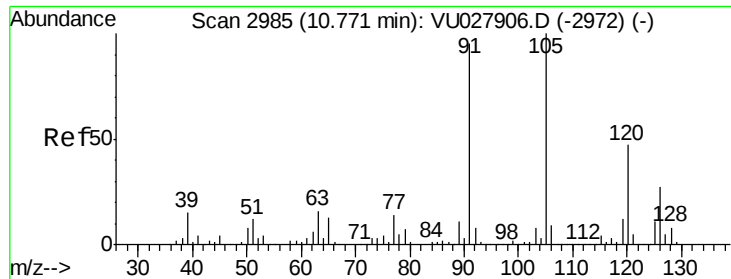
Tot Ion:106 Resp: 52457
Ion Ratio Lower Upper
106 100
91 215.3 168.2 252.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

Tgt Ion:152 Resp: 179906
Ion Ratio Lower Upper
152 100
115 59.5 43.0 129.0
150 153.1 0.0 349.4

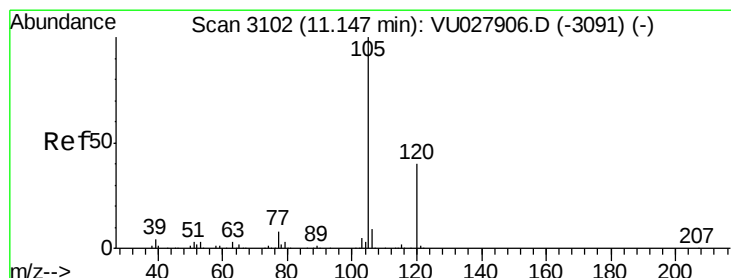
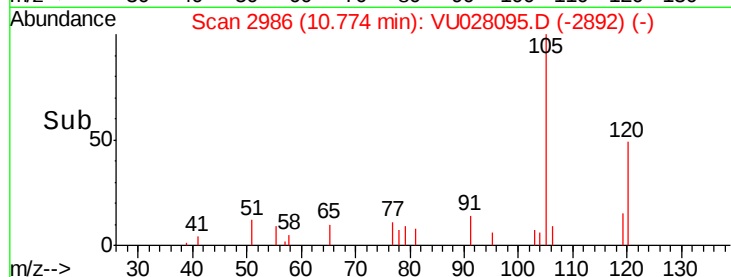
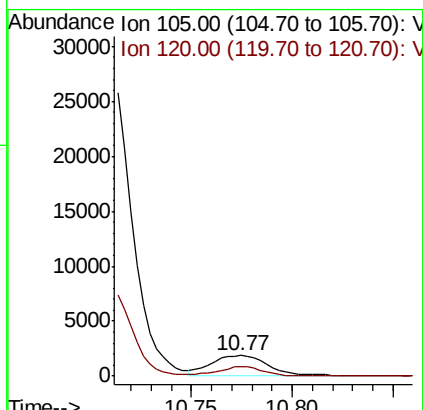
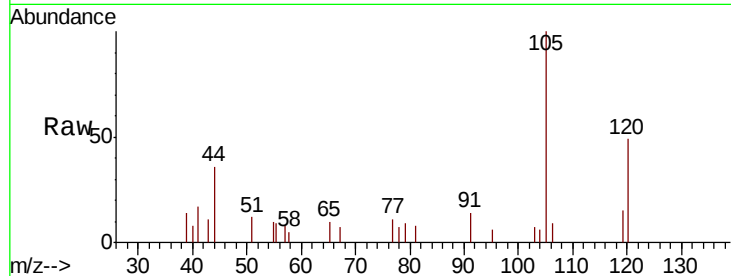




#80
 1,3,5-Trimethylbenzene
 Concen: 0.325 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU028095.D
 Acq: 13 Nov 2018 16:30

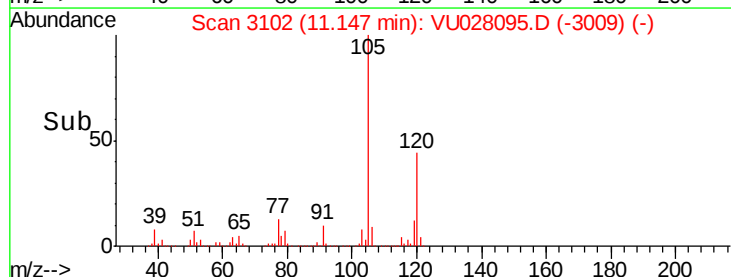
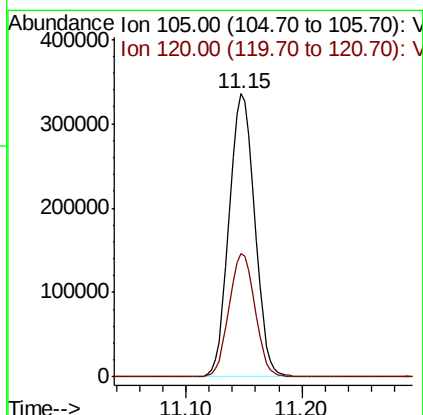
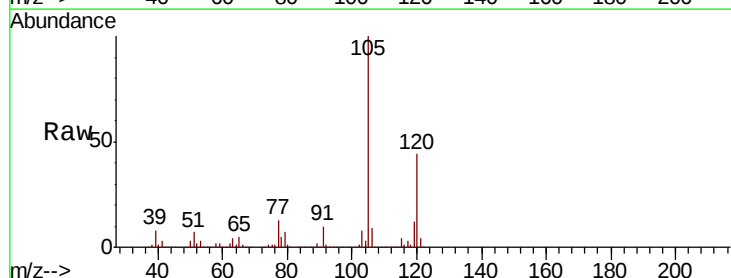
Instrument :
 MSVOA_U
 ClientSampleId :
 SP-UST-MIDDLEDL

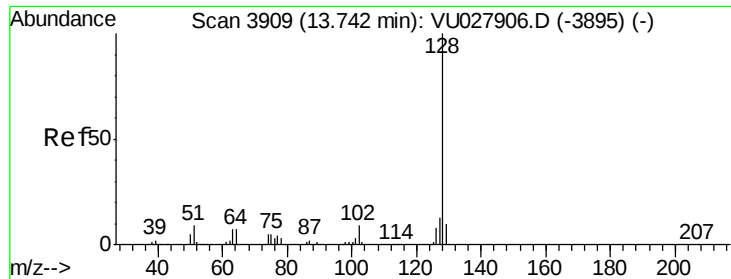
Tot Ion:105 Resp: 3751
 Ion Ratio Lower Upper
 105 100
 120 36.3 23.3 69.9



#84
 1,2,4-Trimethylbenzene
 Concen: 43.911 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028095.D
 Acq: 13 Nov 2018 16:30

Tgt Ion:105 Resp: 510502
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.1





#95
Naphthalene
Concen: 9.504 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028095.D
Acq: 13 Nov 2018 16:30

Instrument :
MSVOA_U
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.3	12.5

