

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU122218\
 Data File : VU028920.D
 Acq On : 22 Dec 2018 17:25
 Operator : MD/SY
 Sample : J6426-08MEDL 100X
 Misc : 4.36g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01MEDL

Quant Time: Jan 08 08:48:35 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

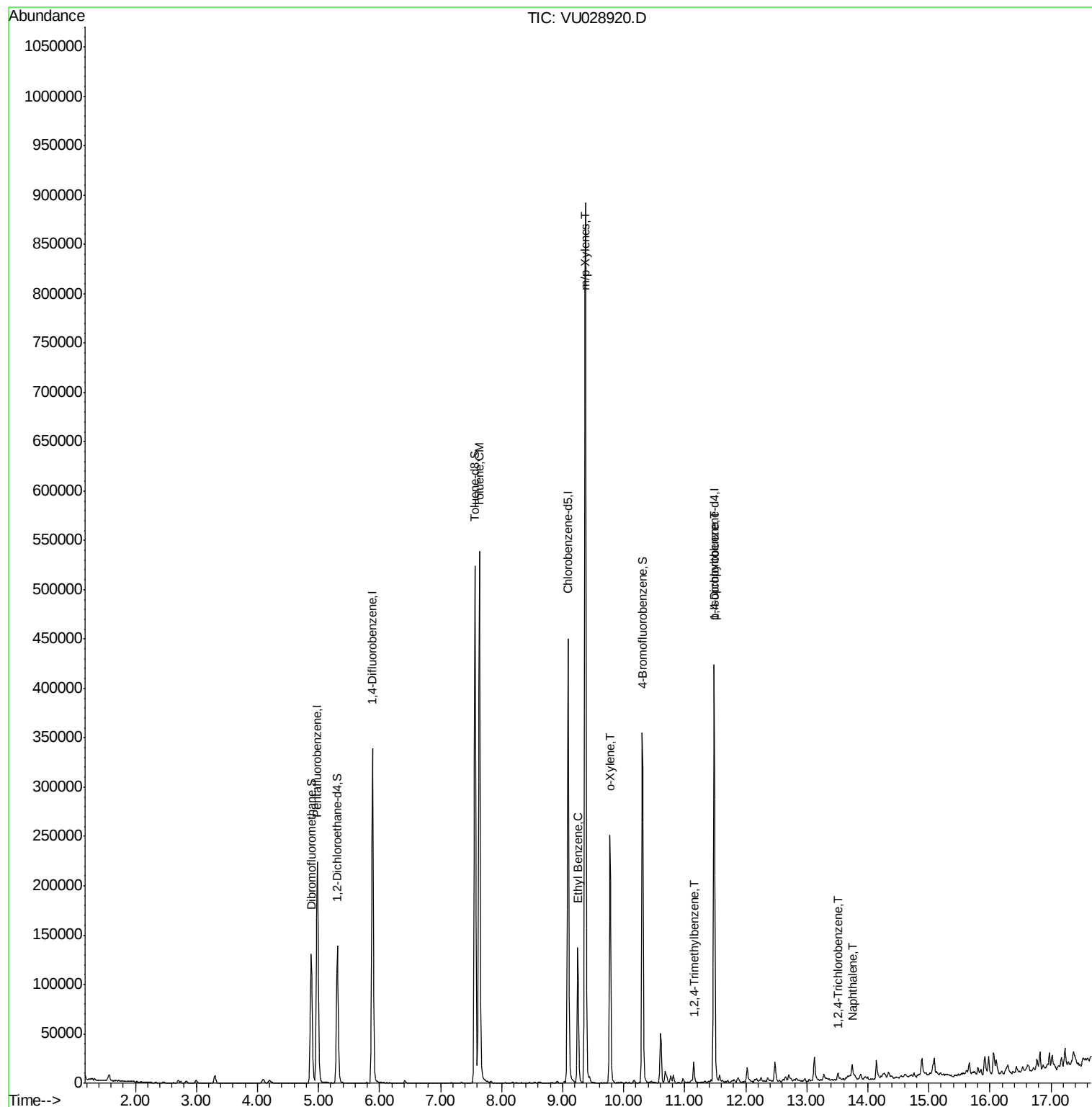
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	184457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	301457	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	272053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	115394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	106384	37.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.58%	
35) Dibromofluoromethane	4.88	113	92767	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	7.56	98	372228	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	10.30	95	123861	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
Target Compounds						
52) Toluene	7.64	92	237815	41.591	ug/l	100
67) Ethyl Benzene	9.25	91	103514	9.713	ug/l	97
68) m/p-Xylenes	9.37	106	263991	68.077	ug/l	95
69) o-Xylene	9.78	106	69261	18.379	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	12307	1.629	ug/l	95
86) p-Isopropyltoluene	11.48	119	3084	0.400	ug/l	89
93) 1,2,4-Trichlorobenzene	13.51	180	1893	1.536	ug/l	83
95) Naphthalene	13.75	128	13345	1.422	ug/l	97

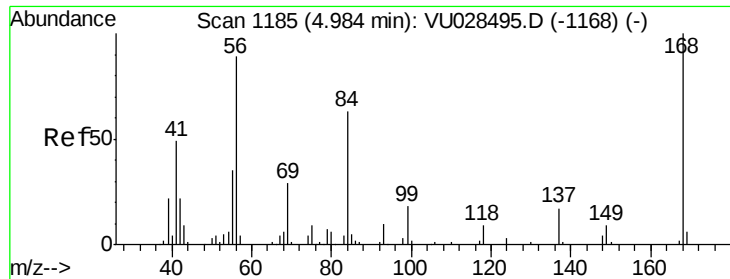
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1184

Delta R.T. -0.00 min

Lab File: VU028920.D

Acq: 22 Dec 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

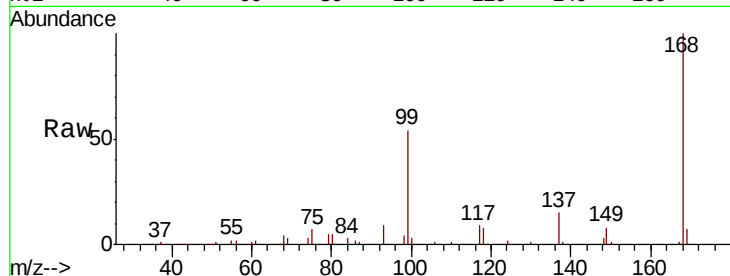
P001-SS013-3036-01MEDL

Tot Ion:168 Resp: 184457

Ion Ratio Lower Upper

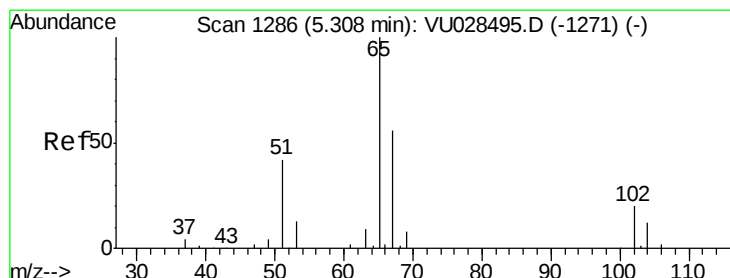
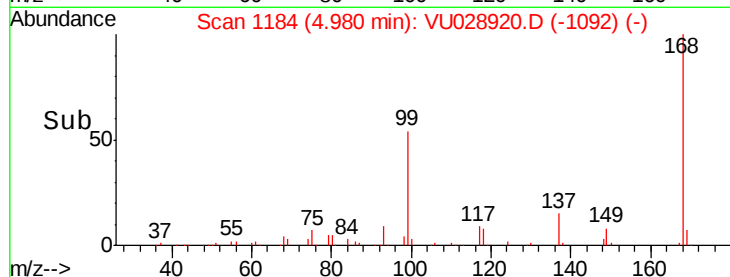
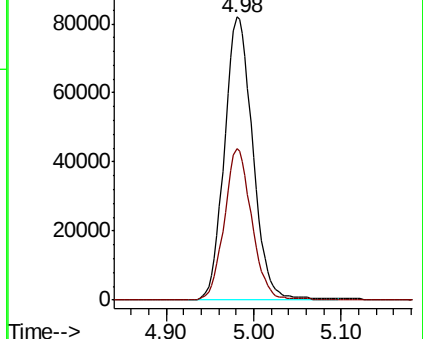
168 100

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): VU028920.D (-1092) (-)



#33

1,2-Dichloroethane-d4

Concen: 37.793 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028920.D

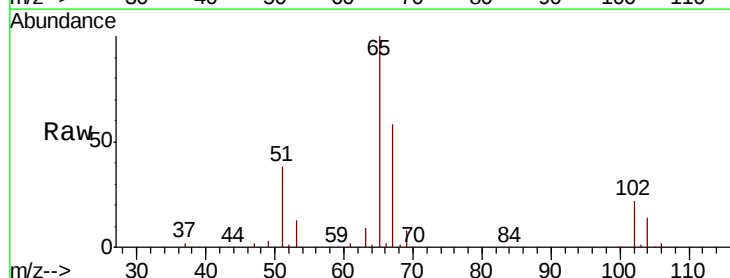
Acq: 22 Dec 2018 17:25

Tgt Ion: 65 Resp: 106384

Ion Ratio Lower Upper

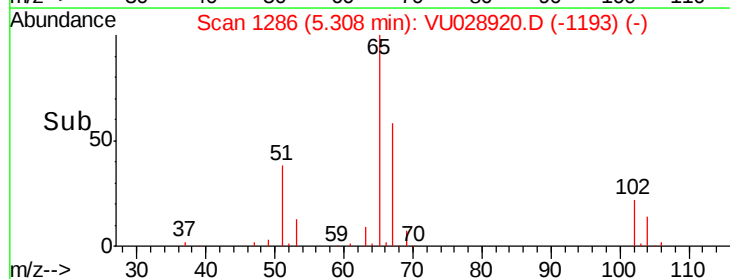
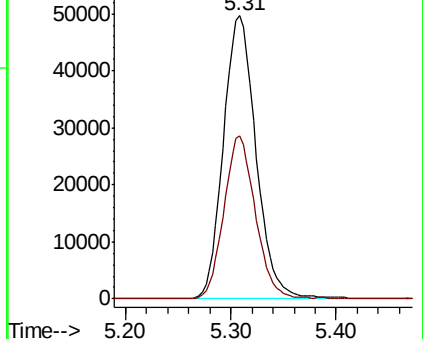
65 100

67 55.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028920.D (-1193) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028920.D

Acq: 22 Dec 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3036-01MEDL

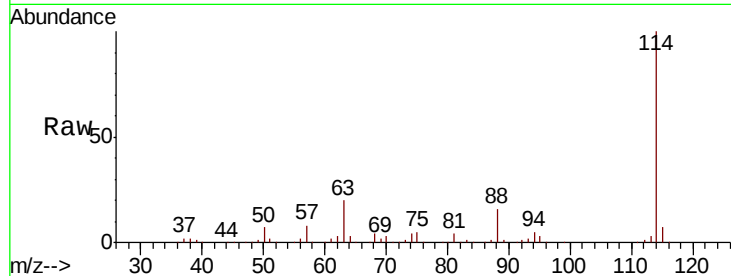
Tot Ion:114 Resp: 301457

Ion Ratio Lower Upper

114 100

63 20.3 0.0 49.2

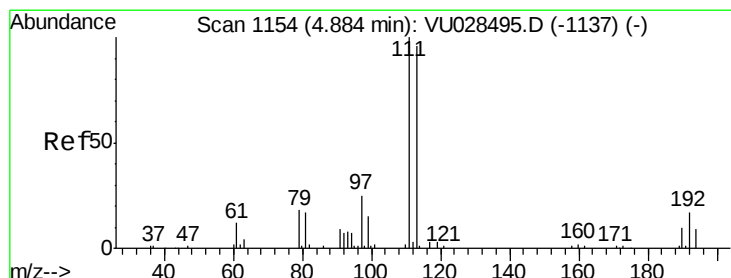
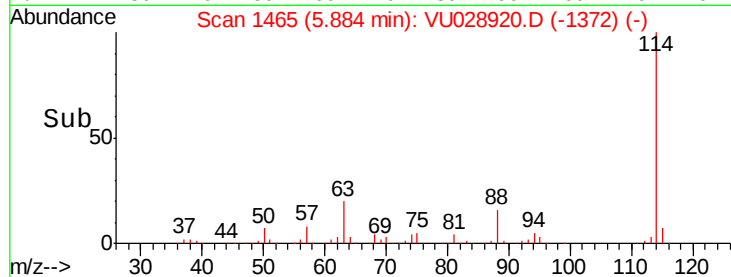
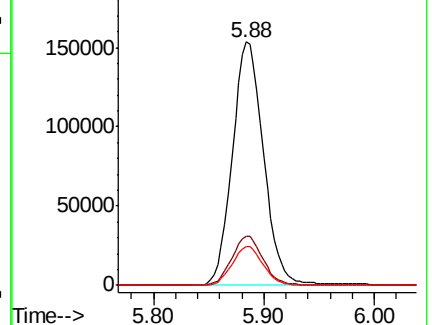
88 16.0 0.0 33.4



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: 48.900 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028920.D

Acq: 22 Dec 2018 17:25

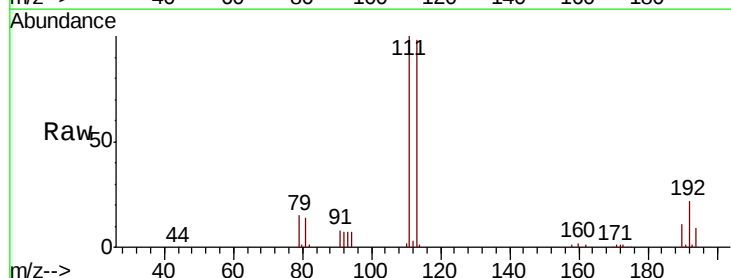
Tgt Ion:113 Resp: 92767

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

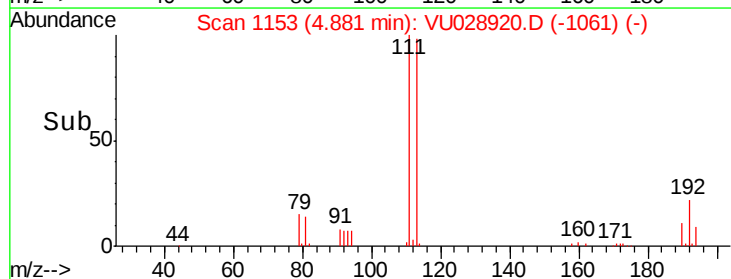
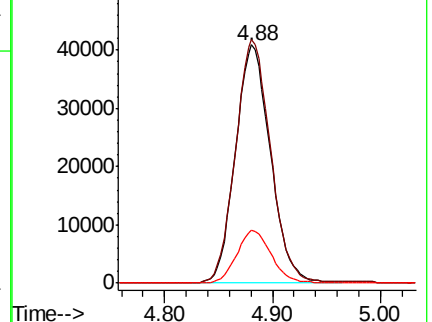
192 21.7 14.8 22.2

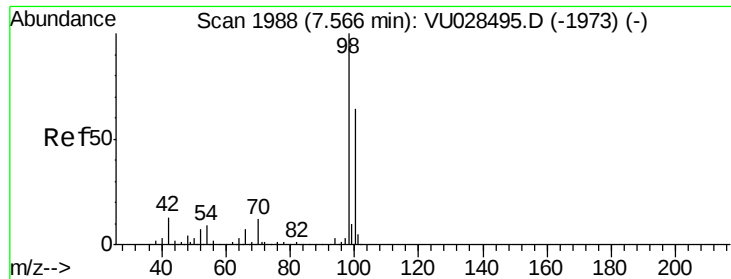


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

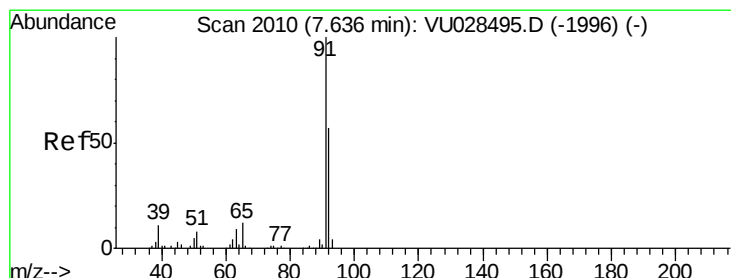
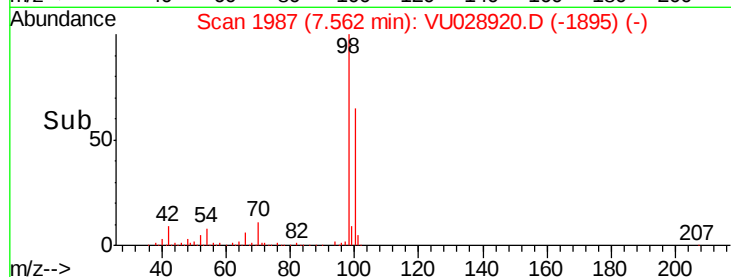
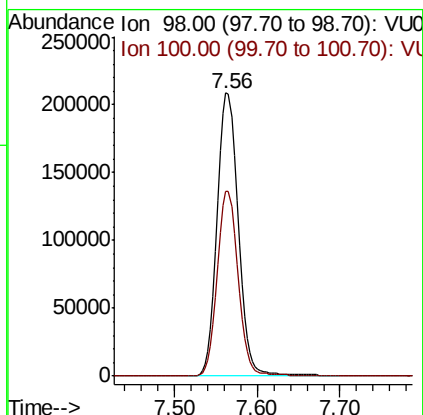
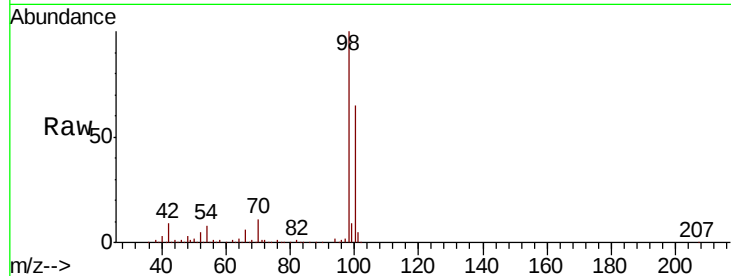




#50
Toluene-d8
Concen: 49.600 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

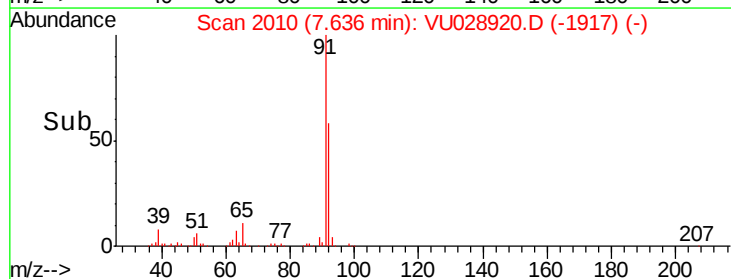
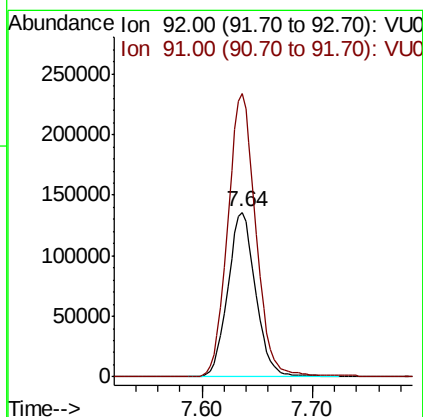
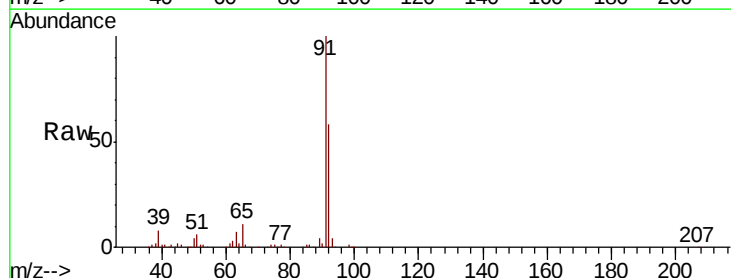
Instrument :
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P001-SS013-3036-01MEDL

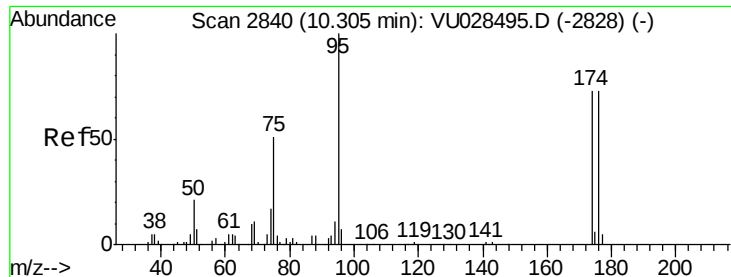
Tot Ion: 98 Resp: 372228
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.6



#52
Toluene
Concen: 41.591 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 92 Resp: 237815
Ion Ratio Lower Upper
92 100
91 175.2 140.2 210.4

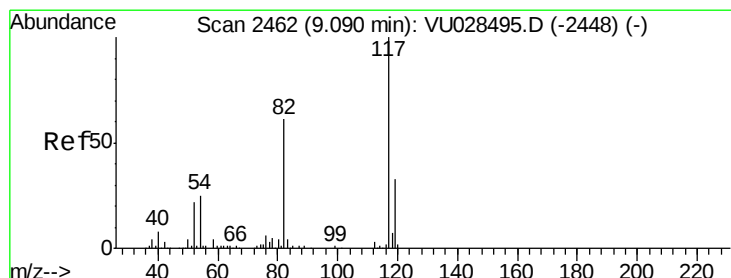
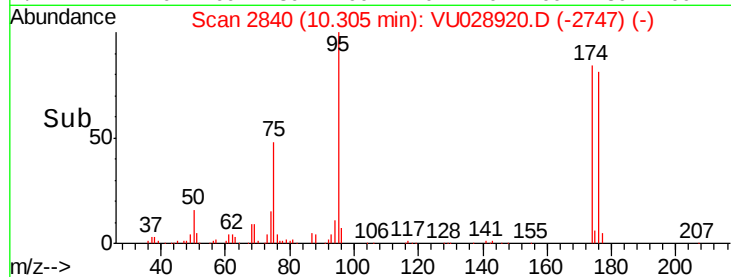
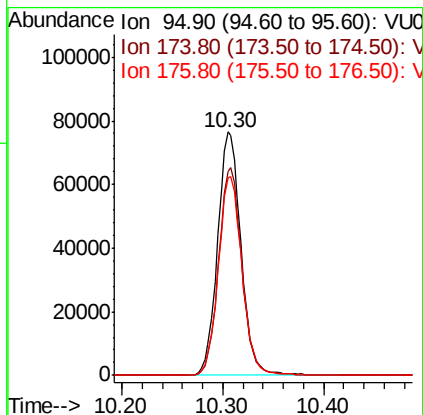
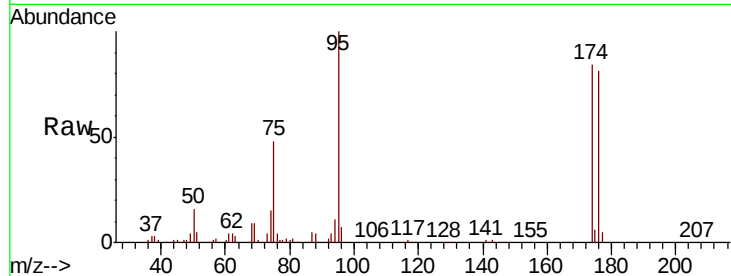




#62
4-Bromofluorobenzene
Concen: 44.158 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

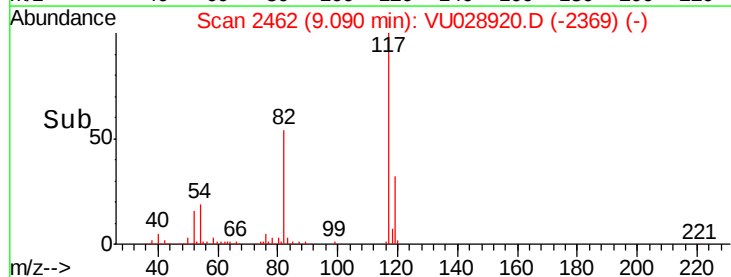
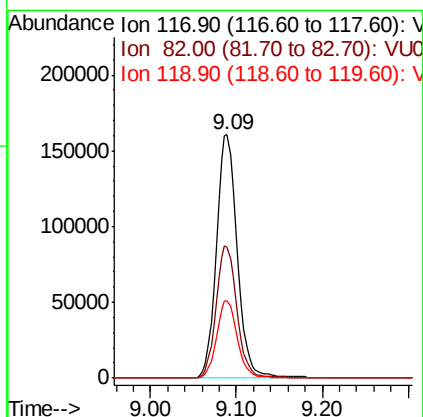
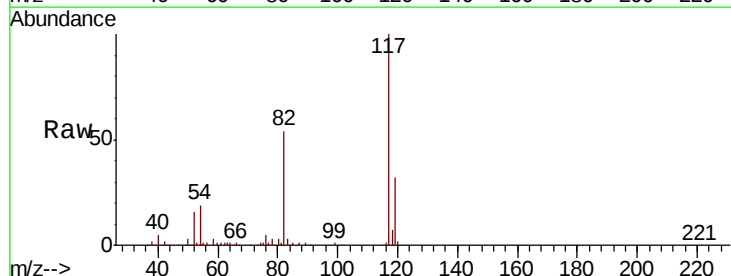
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

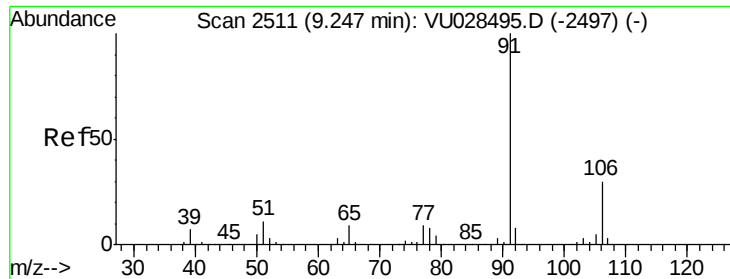
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	150.4
176	83.0	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	48.9	73.3
119	31.9	26.2	39.4

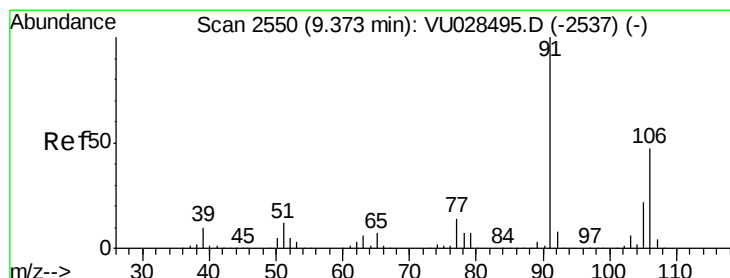
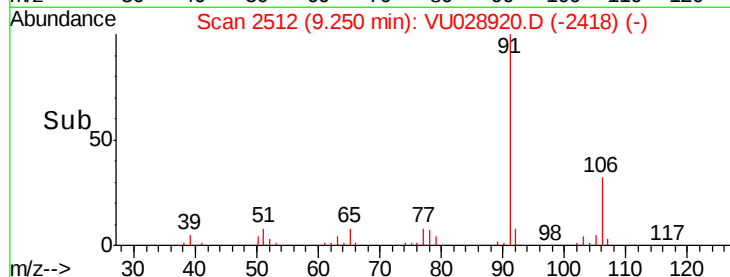
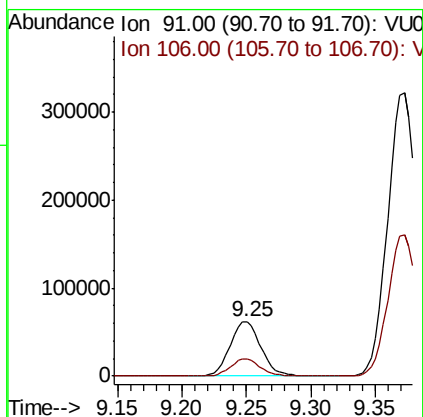
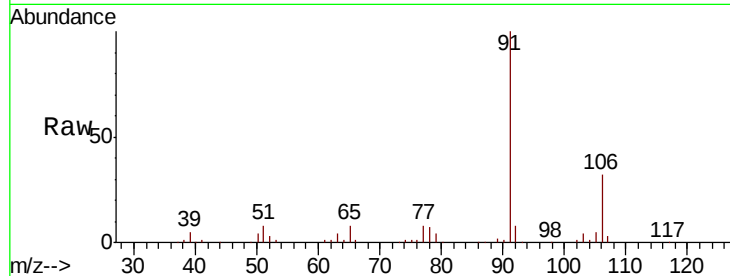




#67
Ethyl Benzene
Concen: 9.713 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

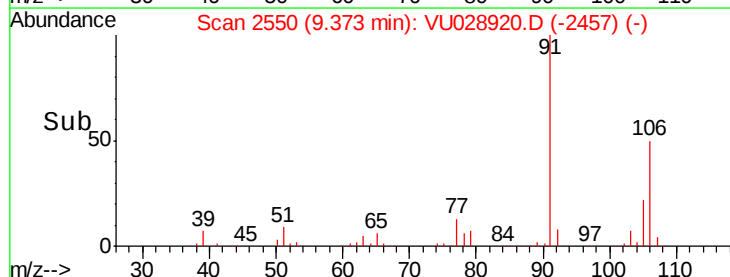
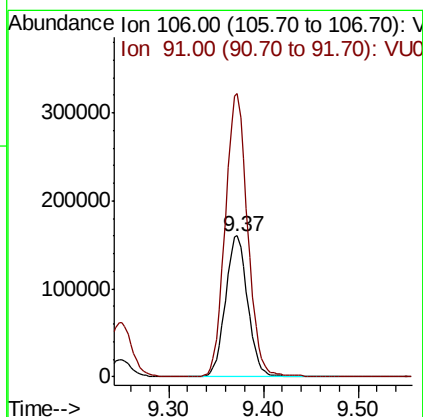
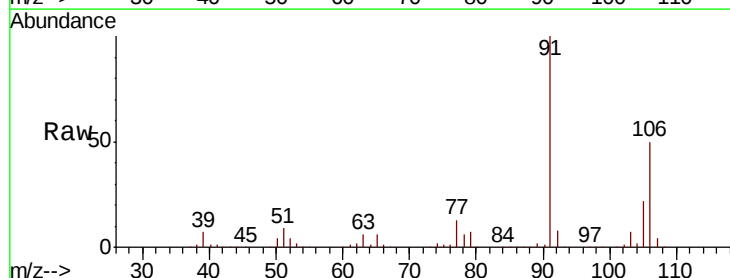
Instrument :
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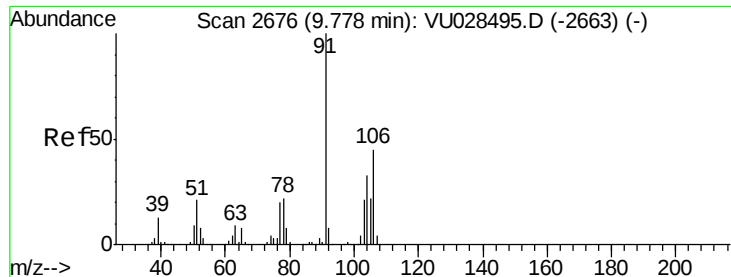
Tot Ion: 91 Resp: 103514
Ion Ratio Lower Upper
91 100
106 31.5 24.1 36.1



#68
m/p-Xylenes
Concen: 68.077 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Tgt Ion: 106 Resp: 263991
Ion Ratio Lower Upper
106 100
91 200.7 167.4 251.0

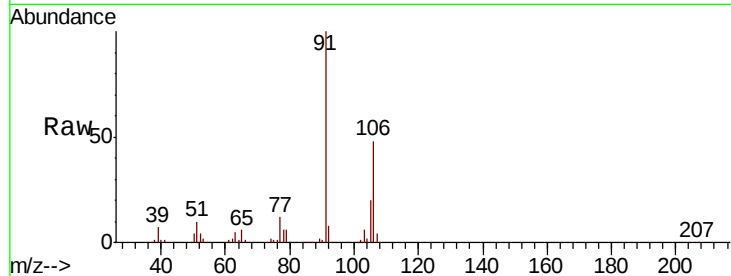




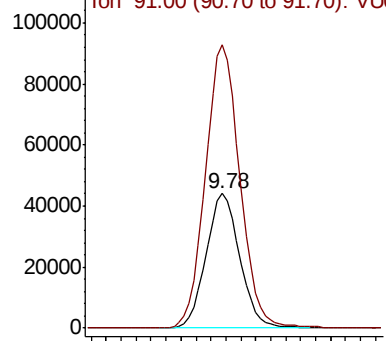
#69
o-Xylene
Concen: 18.379 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01MEDL

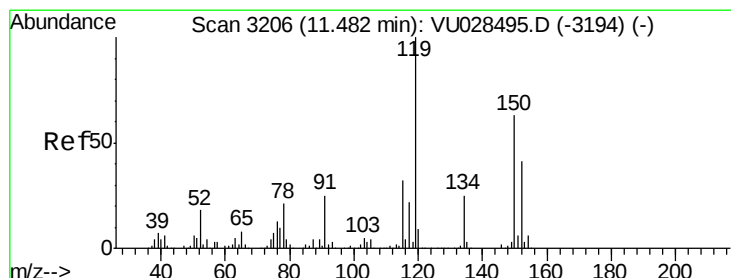
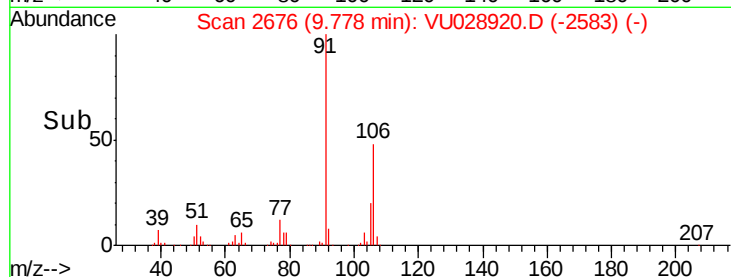
Tot Ion:106 Resp: 69261
Ion Ratio Lower Upper
106 100
91 214.9 111.3 334.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

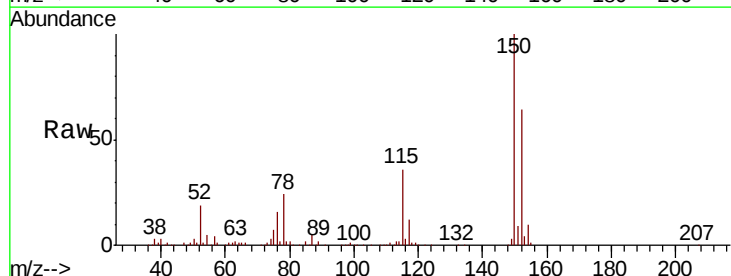


Time-->

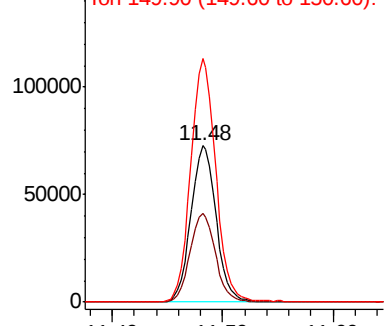


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028920.D
Acq: 22 Dec 2018 17:25

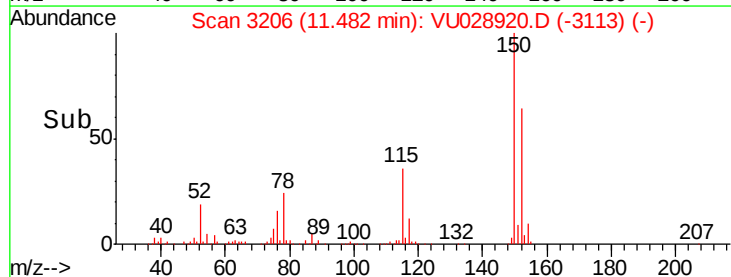
Tgt Ion:152 Resp: 115394
Ion Ratio Lower Upper
152 100
115 57.2 42.7 128.1
150 154.4 0.0 346.0

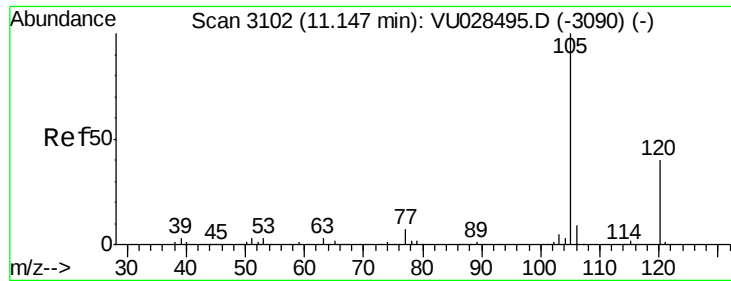


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->

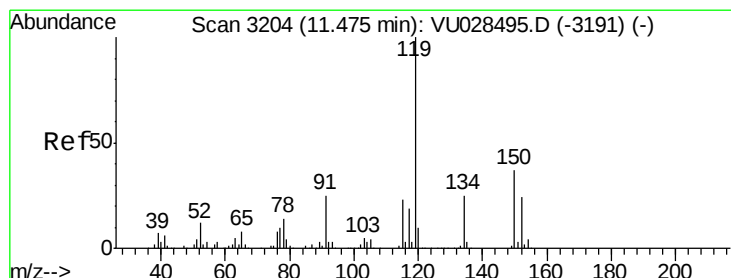
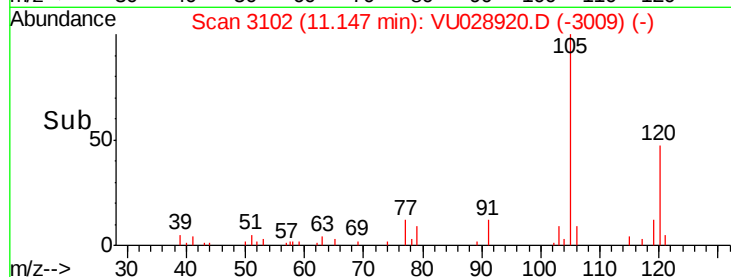
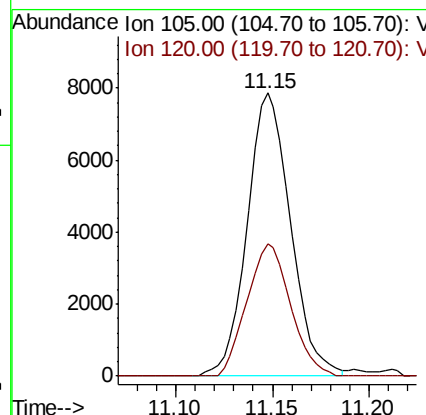
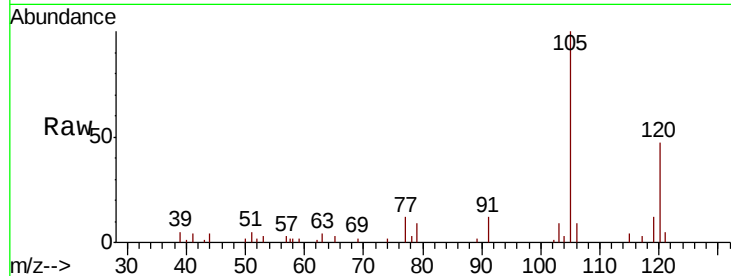




#84
 1,2,4-Trimethylbenzene
 Concen: 1.629 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028920.D
 Acq: 22 Dec 2018 17:25

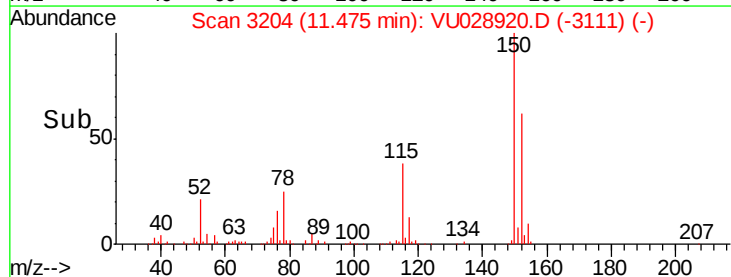
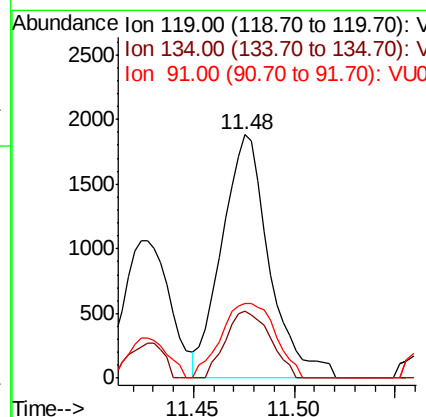
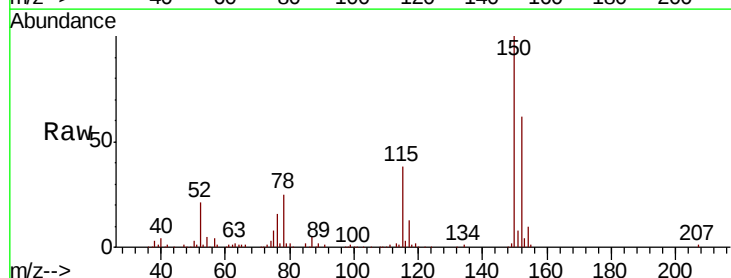
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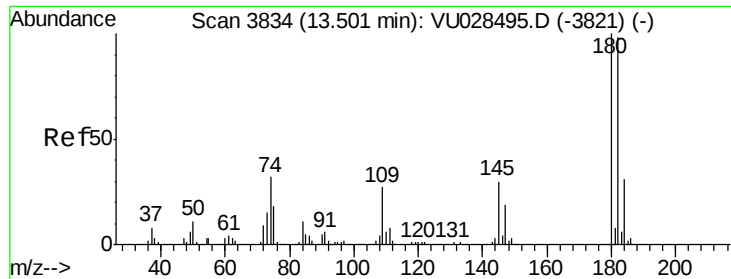
Tot Ion:105 Resp: 12307
 Ion Ratio Lower Upper
 105 100
 120 46.8 21.8 65.4



#86
 p-Isopropyltoluene
 Concen: 0.400 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028920.D
 Acq: 22 Dec 2018 17:25

Tgt Ion:119 Resp: 3084
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.1
 91 35.3 12.6 37.6

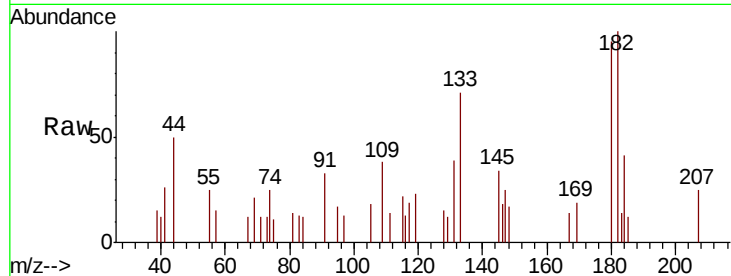




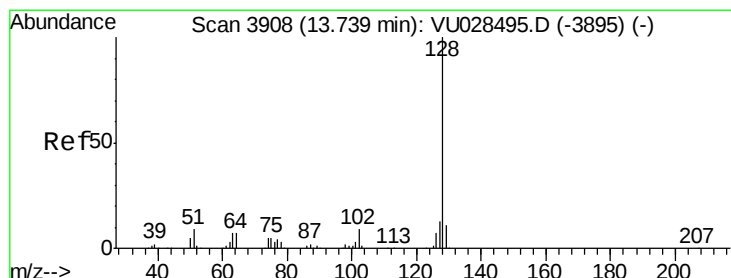
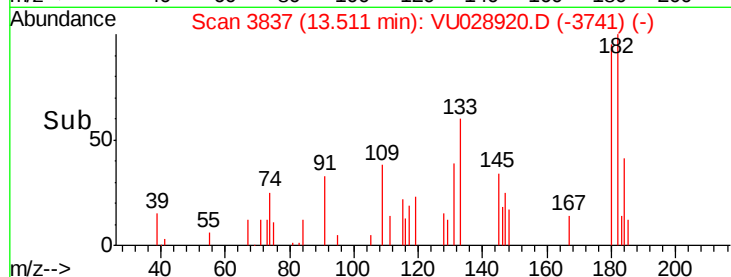
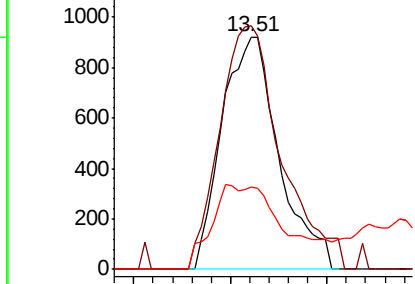
#93
 1,2,4-Trichlorobenzene
 Concen: 1.536 ug/l
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU028920.D
 Acq: 22 Dec 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01MEDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	112.9	47.9	143.8
145	21.3	15.0	45.1

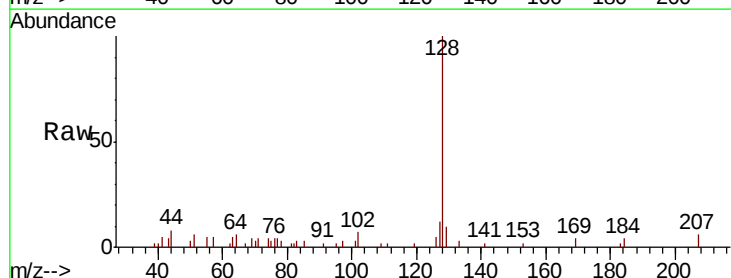


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 1.422 ug/l
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU028920.D
 Acq: 22 Dec 2018 17:25

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	12.9	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

