

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027559.D
 Acq On : 10 Oct 2018 10:00
 Operator : MD/SY
 Sample : J5200-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-03-100818-A

Quant Time: Oct 11 04:55:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	143545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	245446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	215314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	91961	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	110261	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.00%		
35) Dibromofluoromethane	4.88	113	80037	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.16%		
50) Toluene-d8	7.57	98	309009	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.16%		
62) 4-Bromofluorobenzene	10.31	95	101102	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.42%		

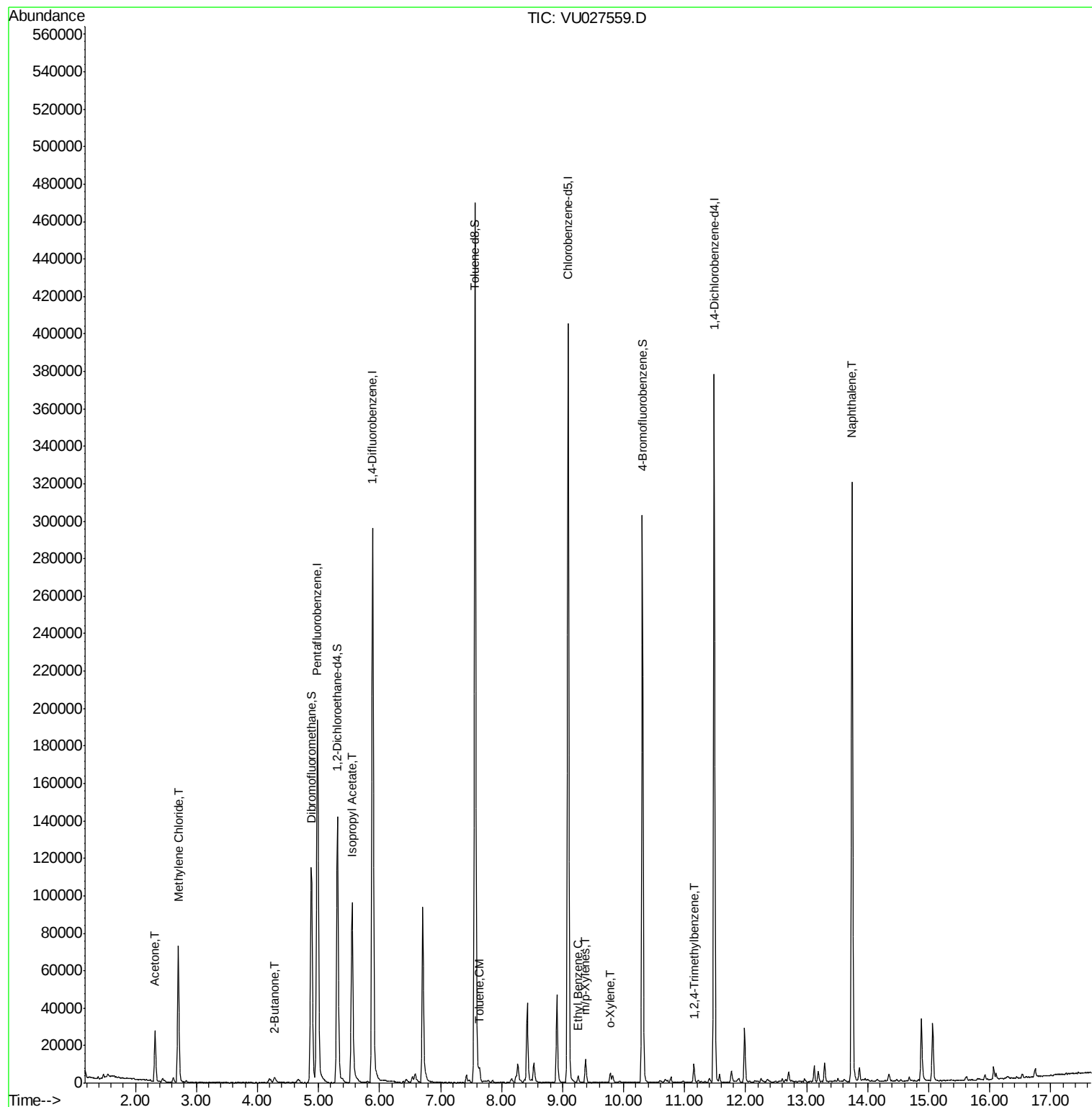
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	29161	20.594	ug/l	95
20) Methylene Chloride	2.70	84	30365	15.395	ug/l	97
25) 2-Butanone	4.28	43	5545	2.872	ug/l	96
43) Isopropyl Acetate	5.55	43	116678	21.812	ug/l	99
52) Toluene	7.64	92	2778	0.605	ug/l	96
67) Ethyl Benzene	9.25	91	3123	0.389	ug/l	91
68) m/p-Xylenes	9.38	106	3575	1.217	ug/l	96
69) o-Xylene	9.78	106	1302	0.466	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	5430	0.978	ug/l	99
95) Naphthalene	13.74	128	241024	35.176	ug/l	100

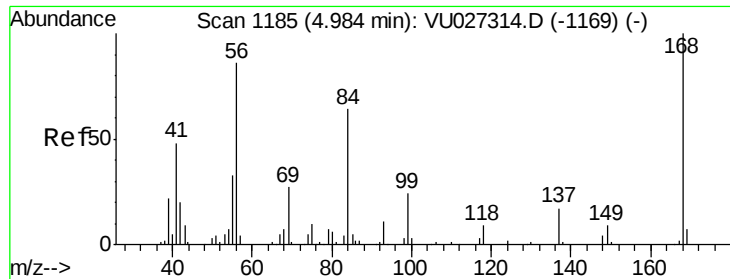
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027559.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_U

ClientSampleId :

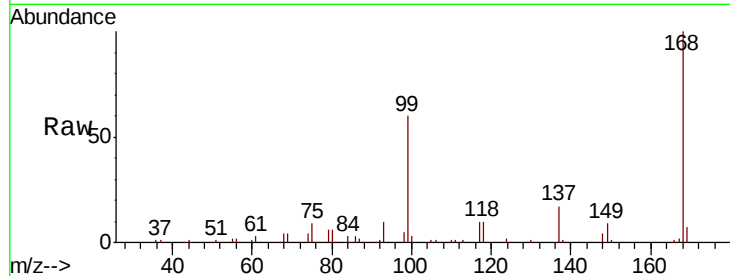
OR-03-100818-A

Tot Ion:168 Resp: 143545

Ion Ratio Lower Upper

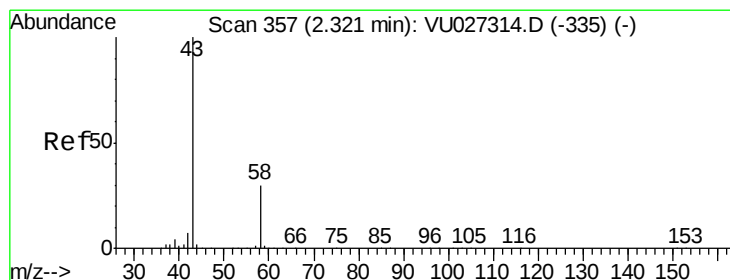
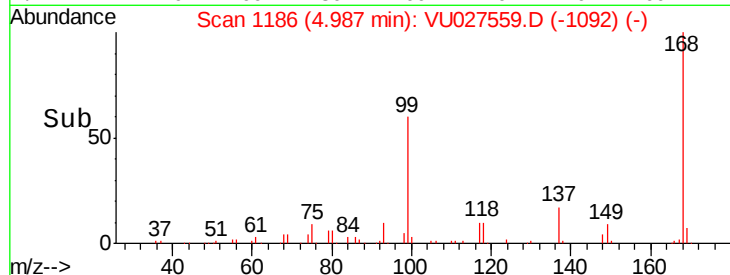
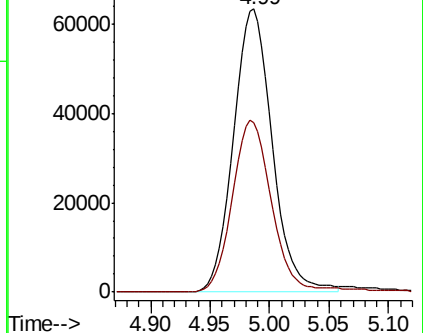
168 100

99 60.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#16

Acetone

Concen: 20.594 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027559.D

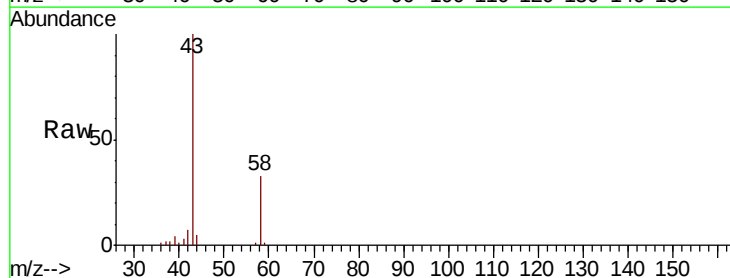
Acq: 10 Oct 2018 10:00

Tgt Ion: 43 Resp: 29161

Ion Ratio Lower Upper

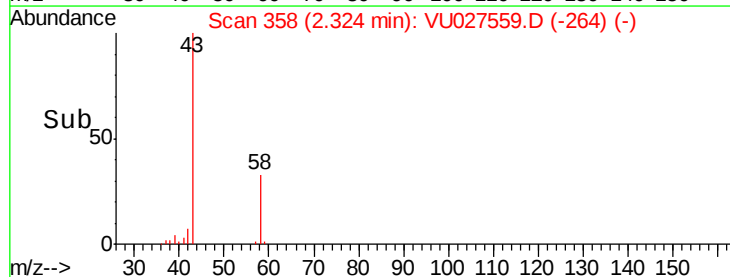
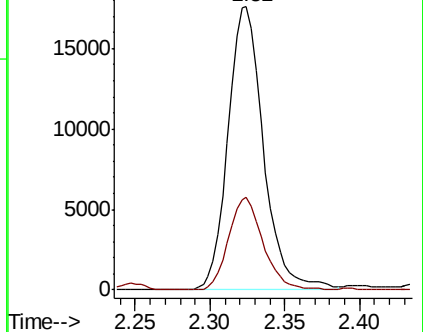
43 100

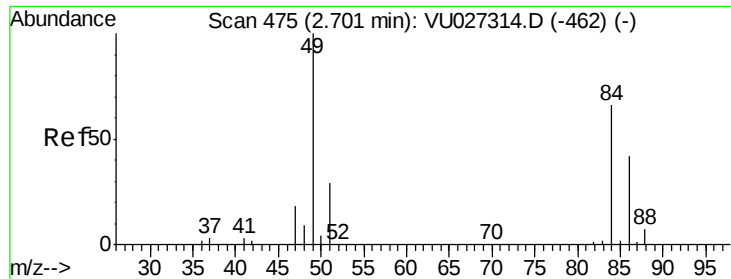
58 32.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

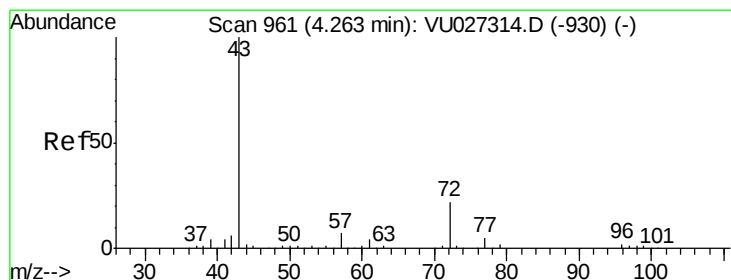
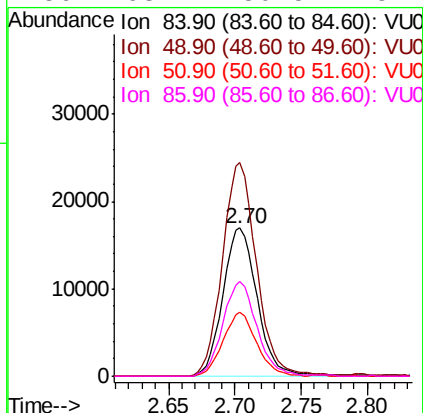
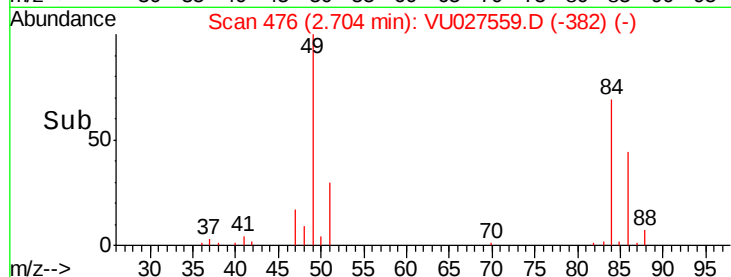
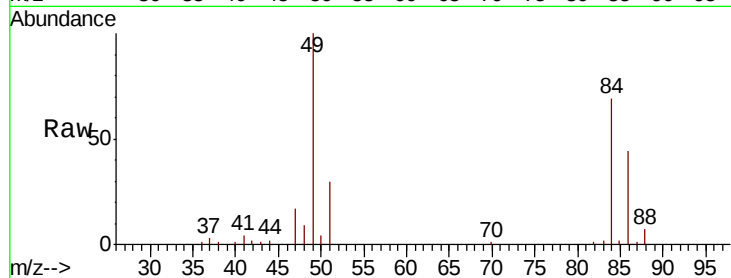




#20
Methylene Chloride
Concen: 15.395 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

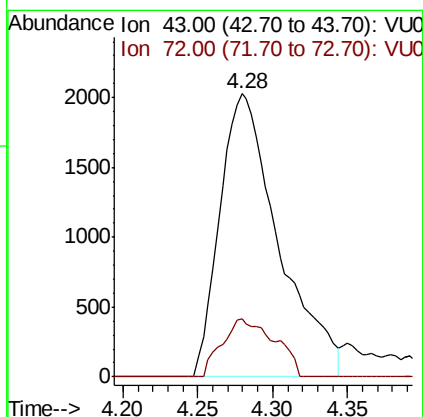
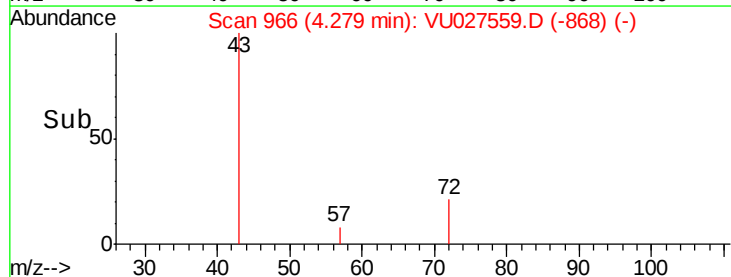
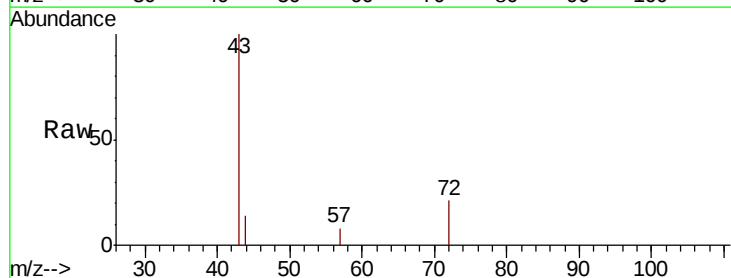
Instrument :
MSVOA_U
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OR-03-100818-A

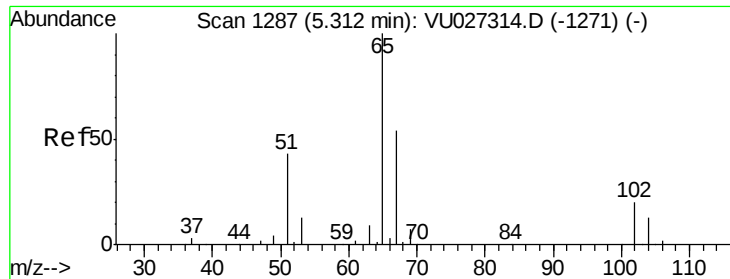
Tot Ion: 84 Resp: 30365
Ion Ratio Lower Upper
84 100
49 144.3 120.5 180.7
51 42.9 35.1 52.7
86 63.7 50.5 75.7



#25
2-Butanone
Concen: 2.872 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 43 Resp: 5545
Ion Ratio Lower Upper
43 100
72 20.5 17.8 26.6

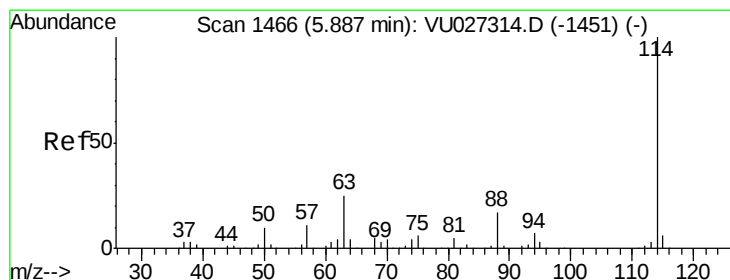
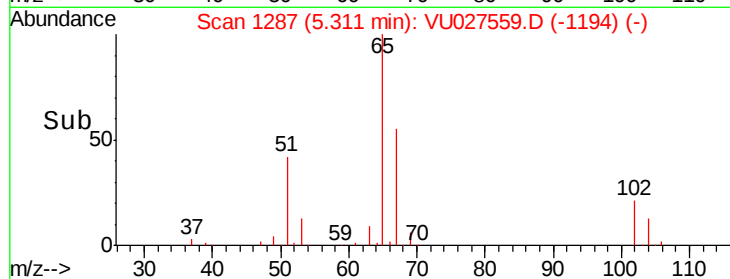
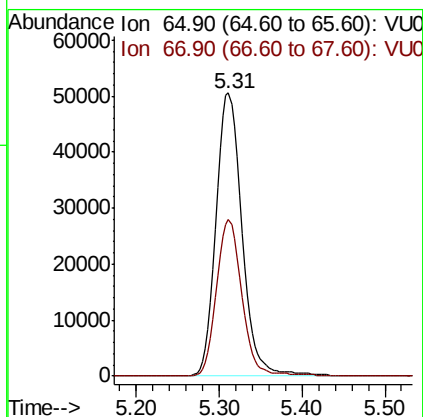
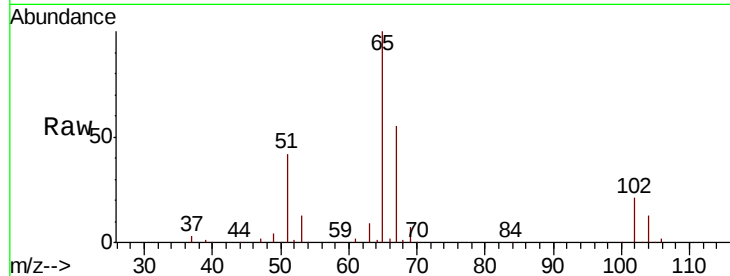




#33
 1,2-Dichloroethane-d4
 Concen: 46.001 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027559.D
 Acq: 10 Oct 2018 10:00

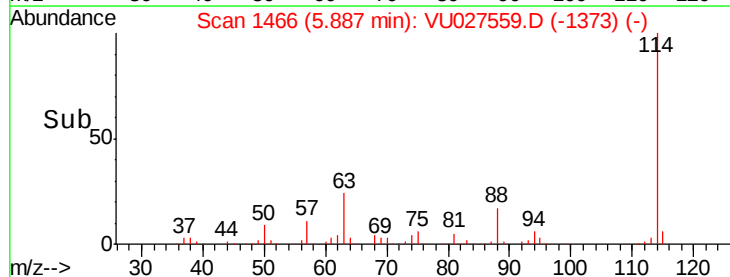
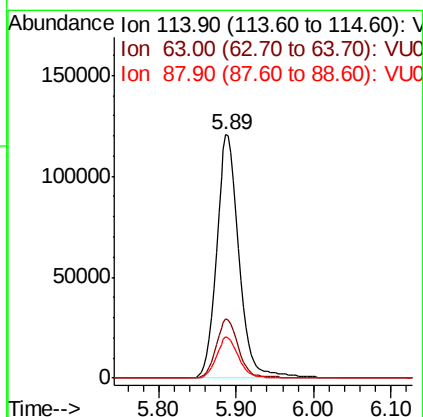
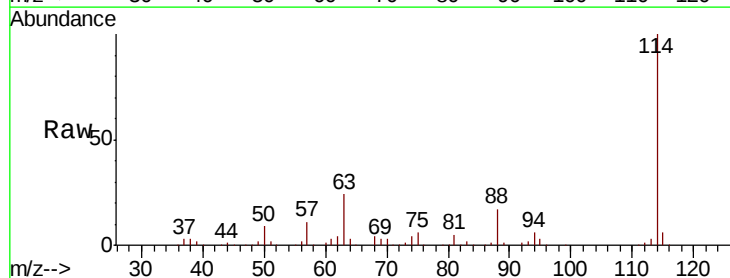
Instrument :
 MSVOA_U
 ClientSampleId :
 OR-03-100818-A

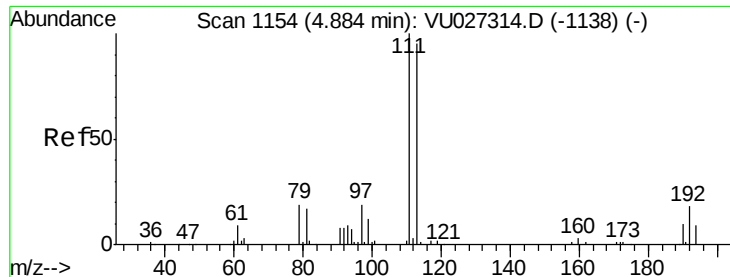
Tot Ion: 65 Resp: 110261
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027559.D
 Acq: 10 Oct 2018 10:00

Tgt Ion: 114 Resp: 245446
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.2
 88 16.8 0.0 33.8

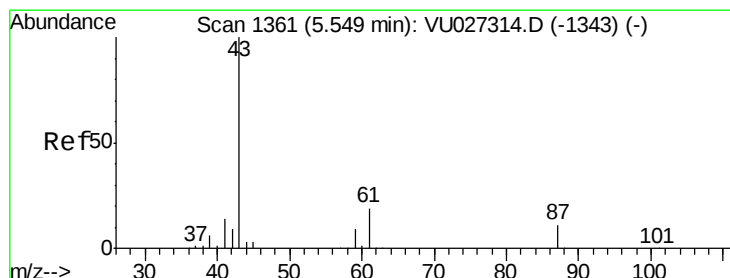
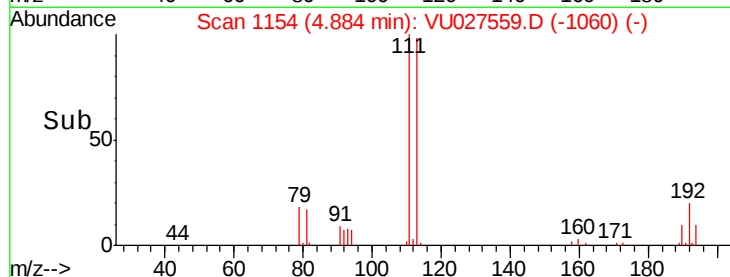
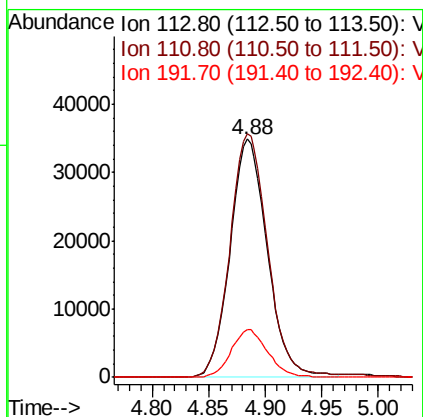
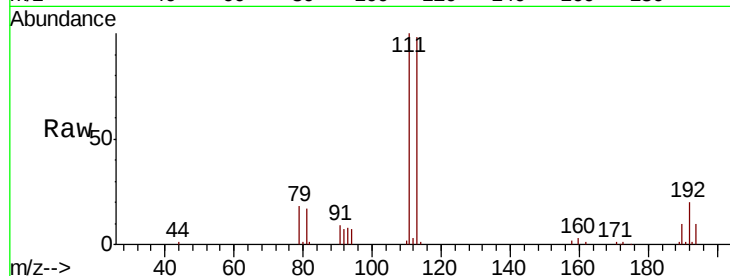




#35
 Dibromofluoromethane
 Concen: 47.581 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027559.D
 Acq: 10 Oct 2018 10:00

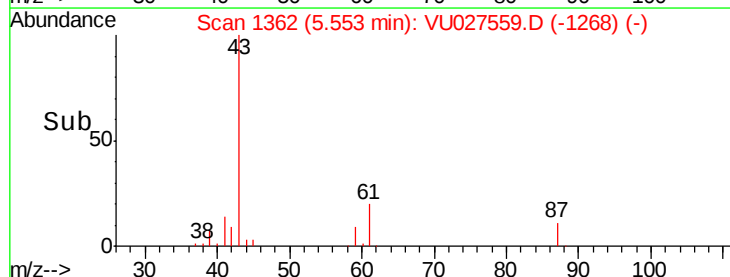
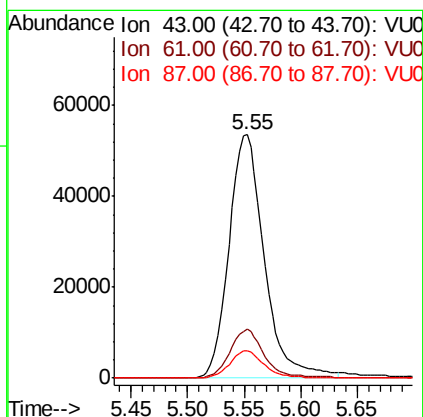
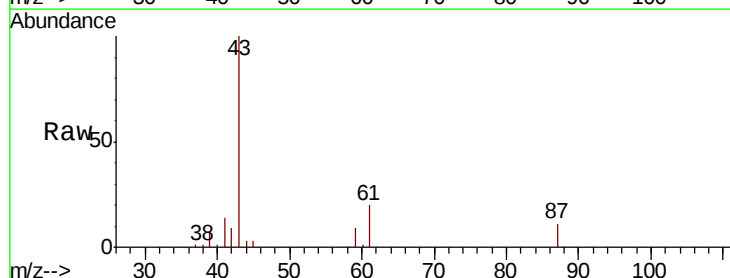
Instrument :
 MSVOA_U
 ClientSampleId :
 OR-03-100818-A

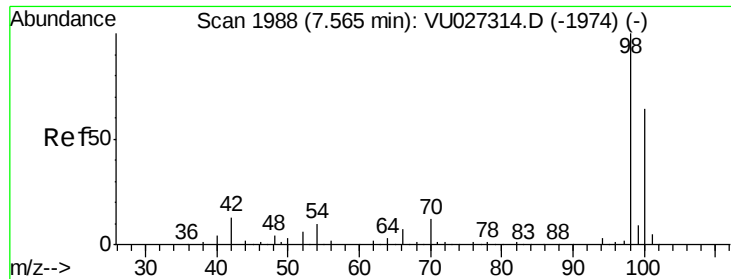
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.1	124.7
192	19.7	15.4	23.0



#43
 Isopropyl Acetate
 Concen: 21.812 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027559.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.3	22.9
87	11.0	8.6	13.0

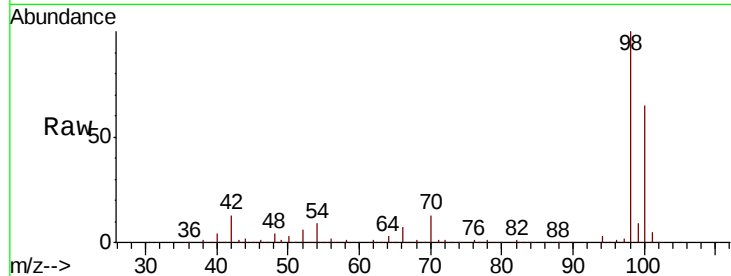




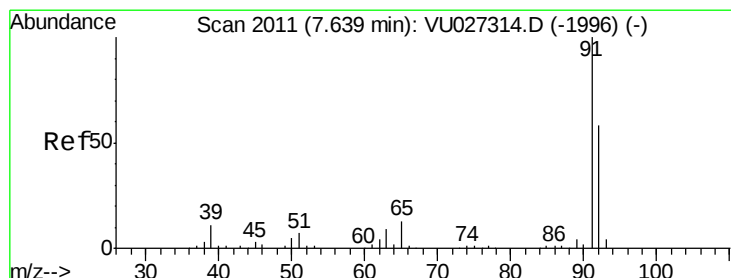
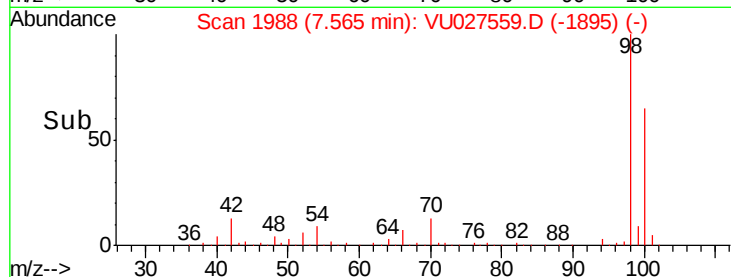
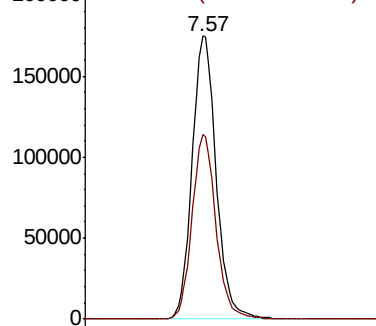
#50
Toluene-d8
Concen: 49.083 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tot Ion: 98 Resp: 309009
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

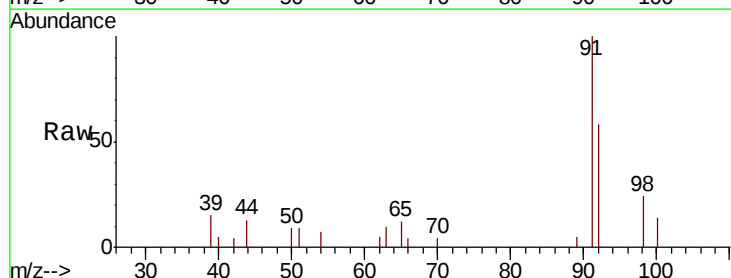


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

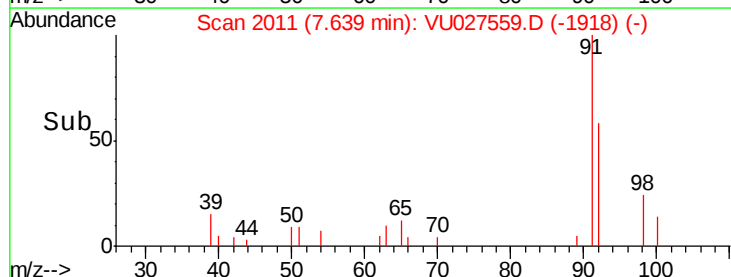
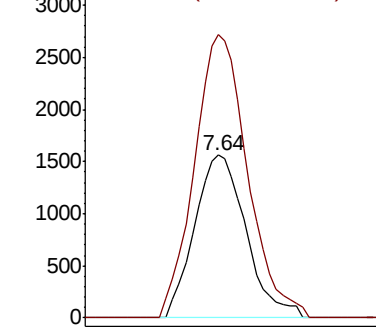


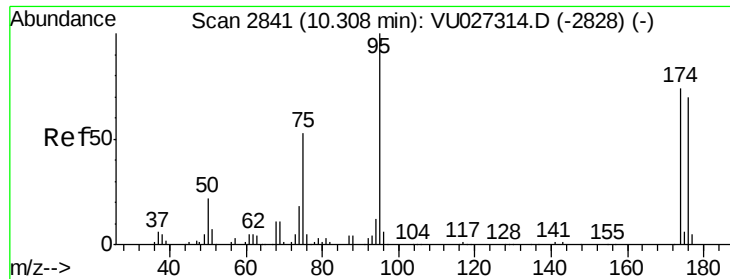
#52
Toluene
Concen: 0.605 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 92 Resp: 2778
Ion Ratio Lower Upper
92 100
91 179.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0

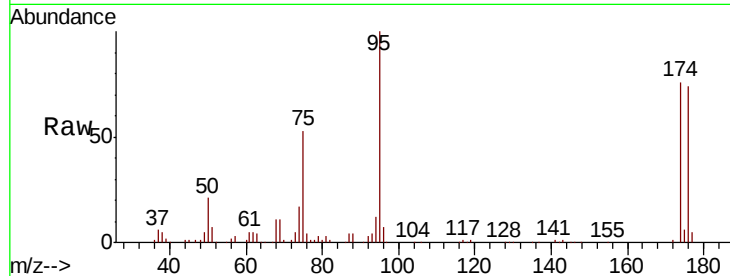




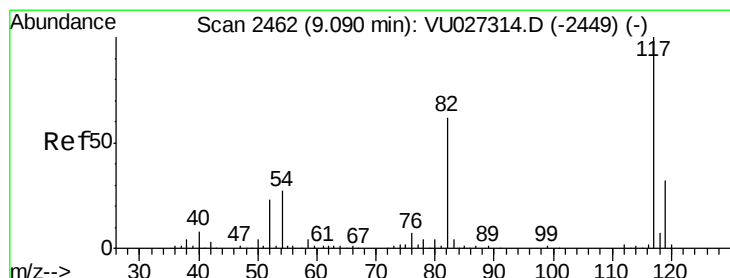
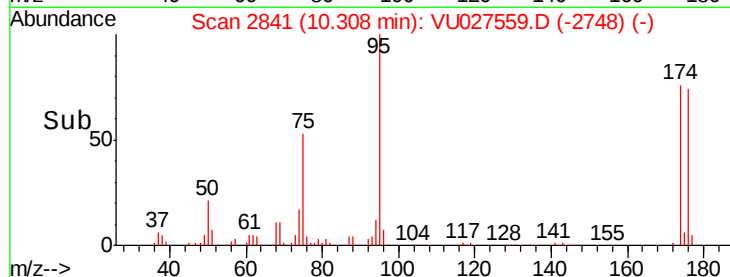
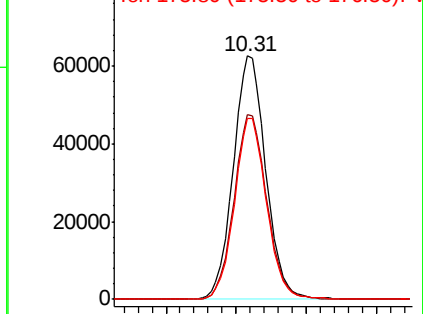
#62
4-Bromofluorobenzene
Concen: 43.211 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
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ClientSampleId :
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Tot Ion	95	Resp	101102
Ion Ratio	100		
Lower			
Upper			
174	76.5	0.0	147.8
176	73.4	0.0	140.8

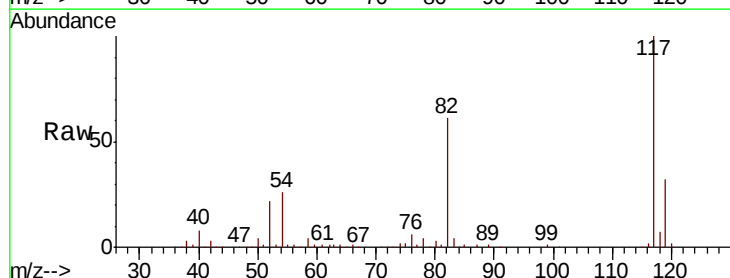


Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

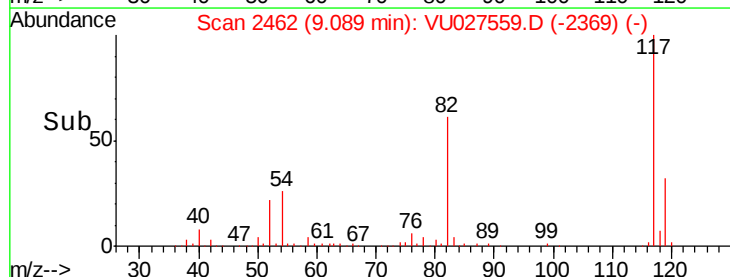
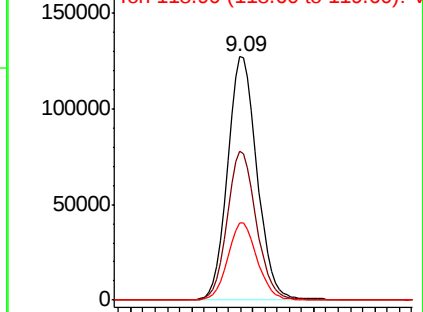


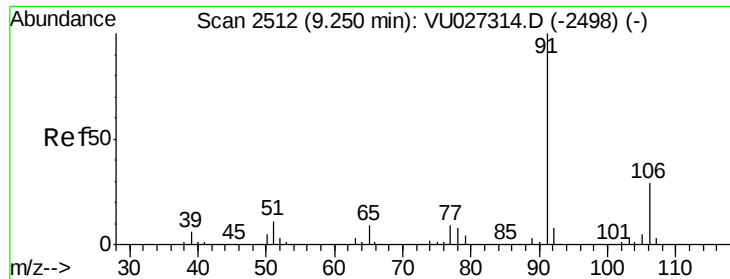
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion	117	Resp	215314
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	61.3	49.2	73.8
119	31.5	25.7	38.5



Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

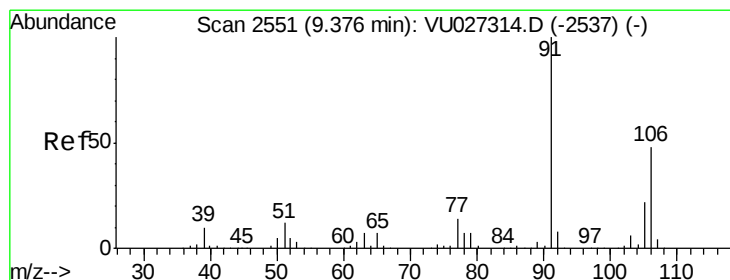
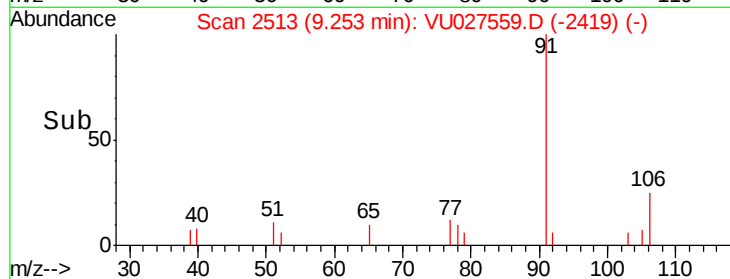
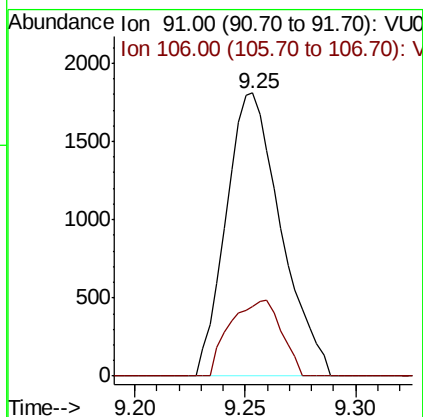
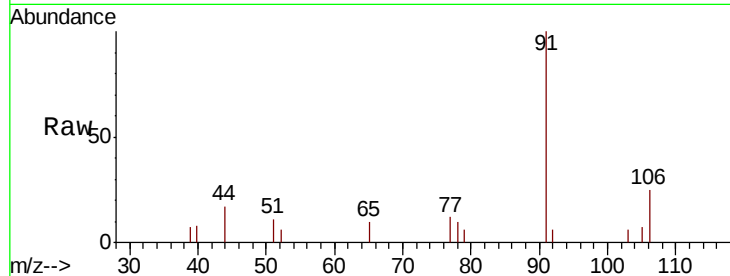




#67
Ethyl Benzene
Concen: 0.389 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

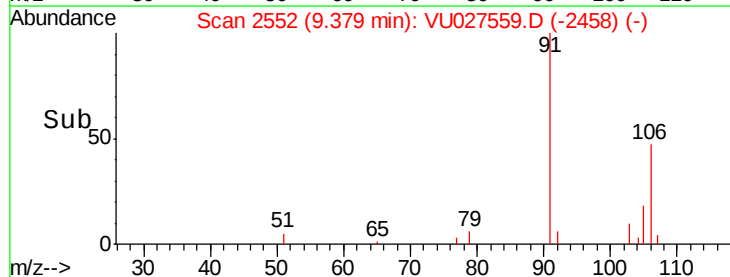
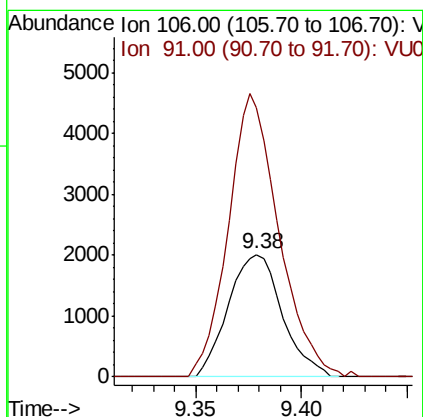
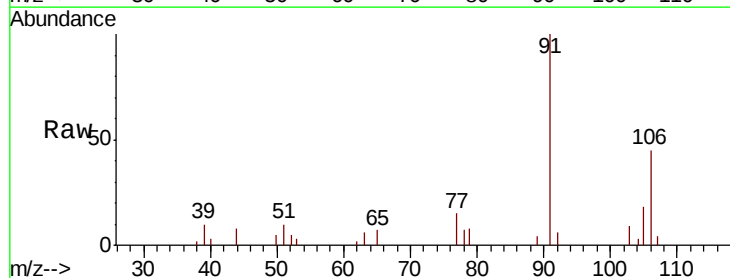
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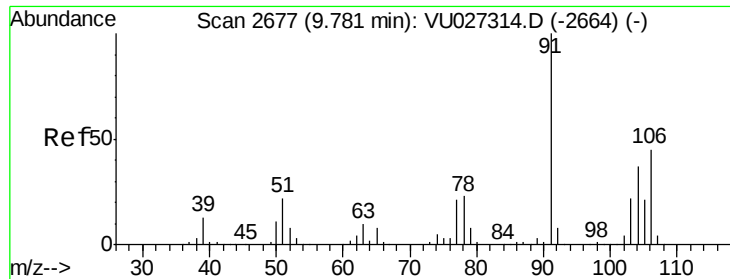
Tot Ion: 91 Resp: 3123
Ion Ratio Lower Upper
91 100
106 24.8 23.6 35.4



#68
m/p-Xylenes
Concen: 1.217 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 106 Resp: 3575
Ion Ratio Lower Upper
106 100
91 216.4 168.1 252.1

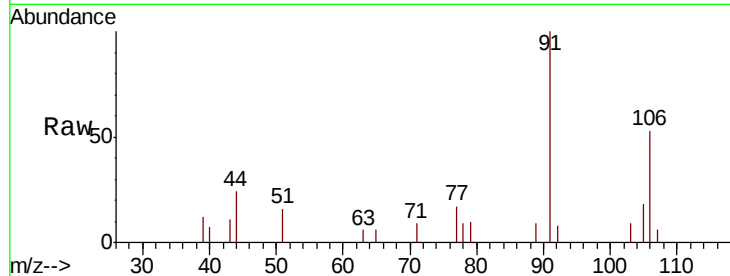




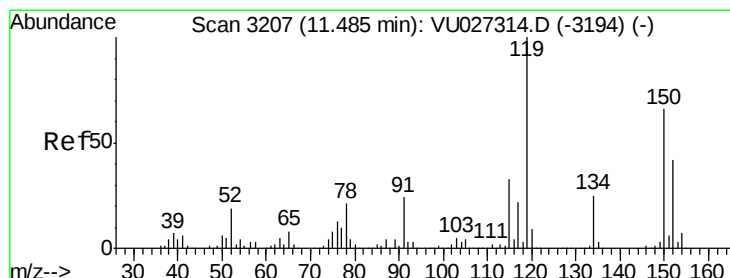
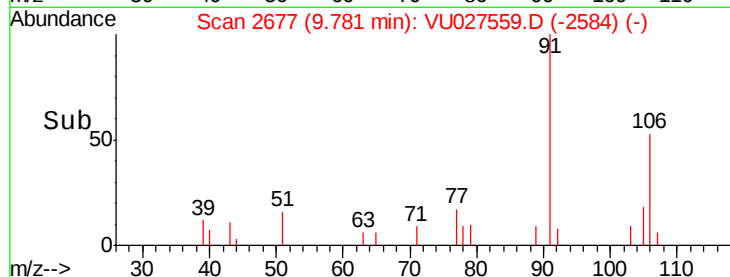
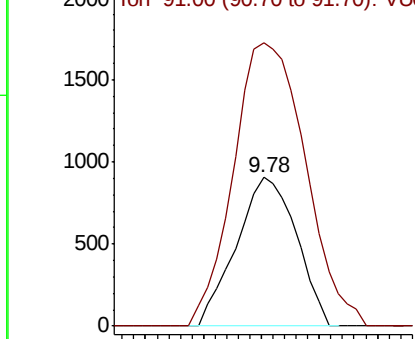
#69
o-Xylene
Concen: 0.466 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tot Ion:106 Resp: 1302
Ion Ratio Lower Upper
106 100
91 228.5 111.7 334.9

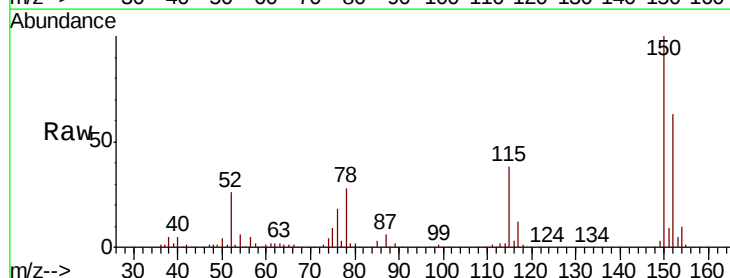


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

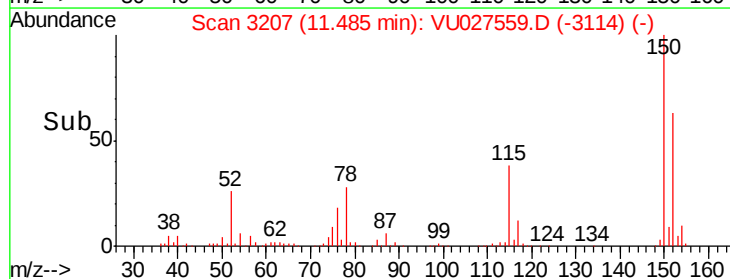
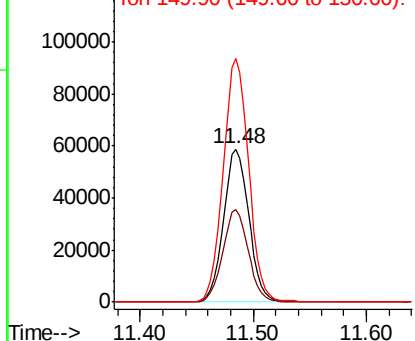


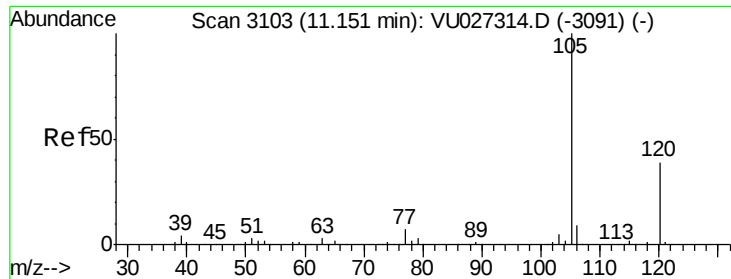
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion:152 Resp: 91961
Ion Ratio Lower Upper
152 100
115 60.5 43.4 130.2
150 159.8 0.0 349.2



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

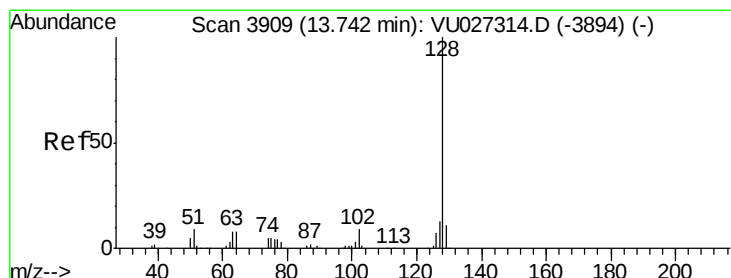
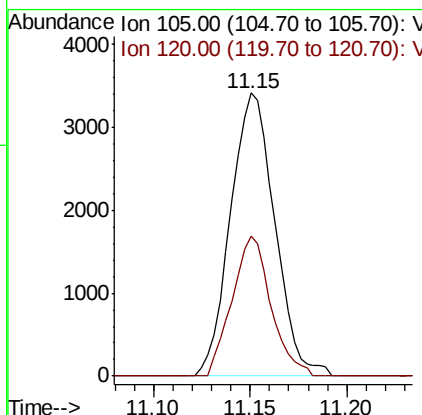
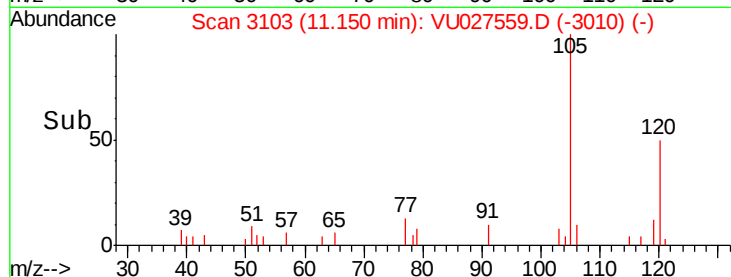
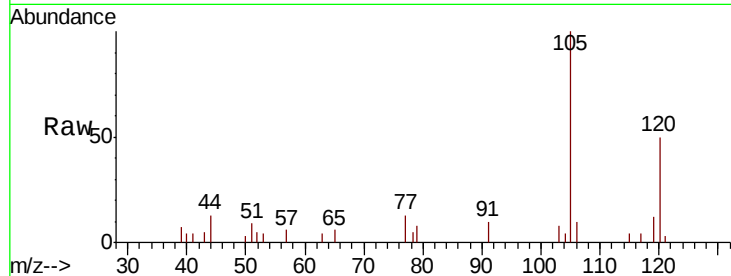




#84
 1,2,4-Trimethylbenzene
 Concen: 0.978 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027559.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-03-100818-A

Tot Ion:105 Resp: 5430
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.5



#95
 Naphthalene
 Concen: 35.176 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. -0.00 min
 Lab File: VU027559.D
 Acq: 10 Oct 2018 10:00

Tgt Ion:128 Resp: 241024
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.5 15.7
 129 10.7 8.6 12.8

