

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029201.D
 Acq On : 16 Jan 2019 11:52
 Operator : JC/SP
 Sample : K1147-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

Quant Time: Jan 17 01:16:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

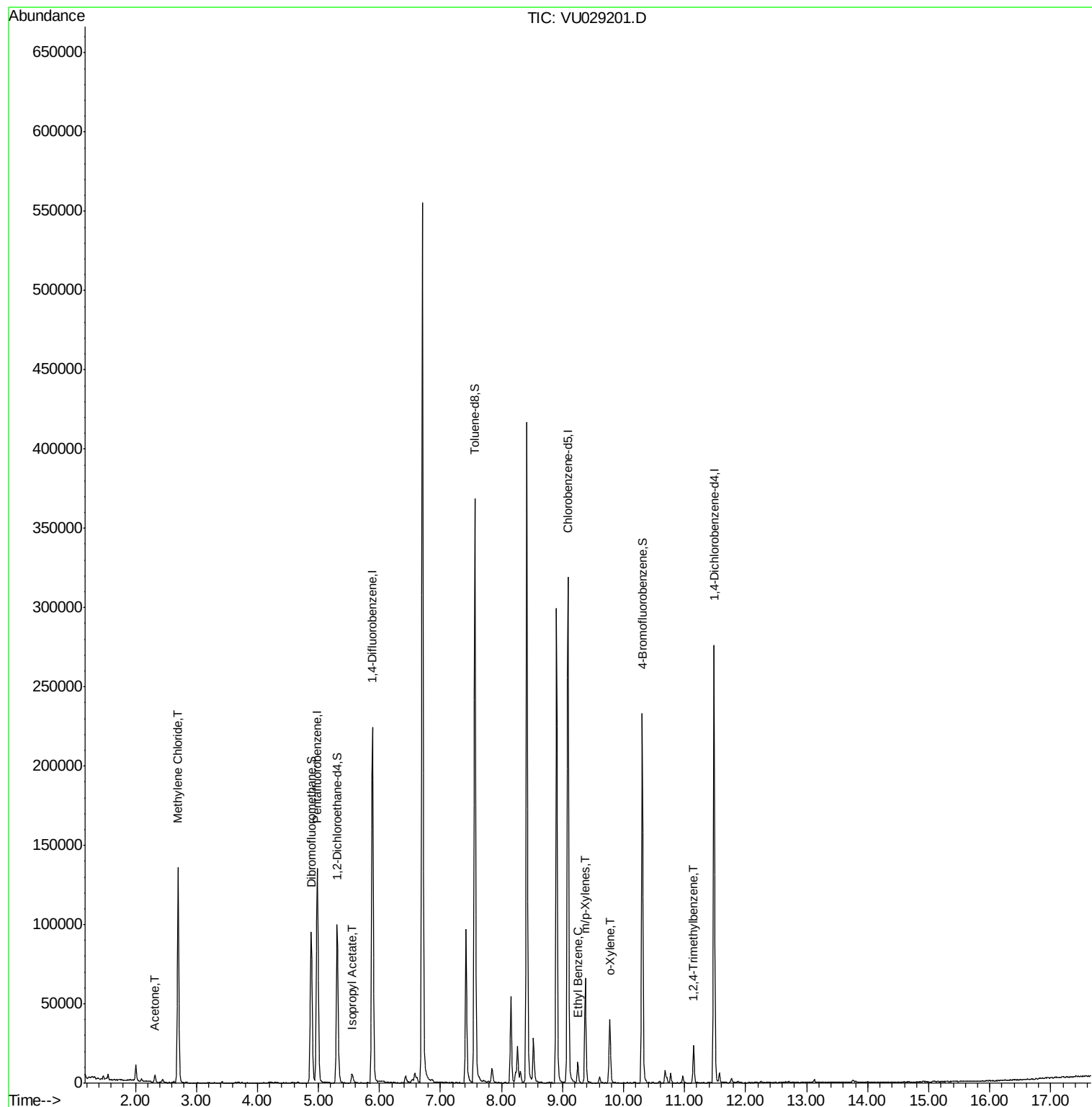
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	109296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193634	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76559	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
35) Dibromofluoromethane	4.88	113	66710	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	7.56	98	253942	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	10.30	95	79719	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
16) Acetone	2.32	43	5267	6.188	ug/l	95
20) Methylene Chloride	2.70	84	59290	41.028	ug/l	98
43) Isopropyl Acetate	5.55	43	6669	2.046	ug/l	96
67) Ethyl Benzene	9.25	91	9652	1.402	ug/l	91
68) m/p-Xylenes	9.37	106	18892	7.060	ug/l	95
69) o-Xylene	9.78	106	8648	3.354	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	13366	2.933	ug/l	98

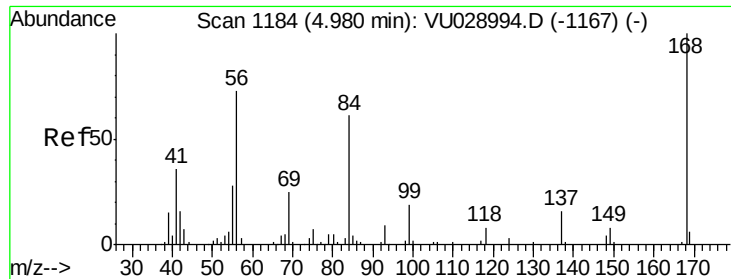
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 17 01:16:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
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: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

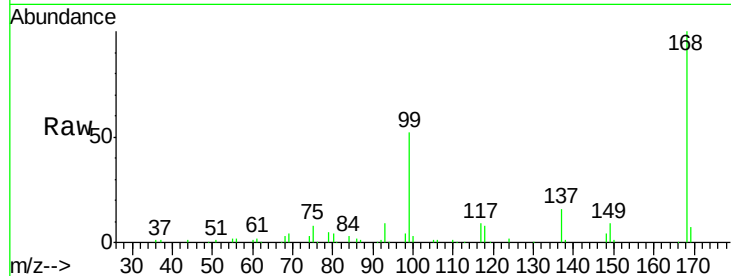
TP-3

Tot Ion:168 Resp: 109296

Ion Ratio Lower Upper

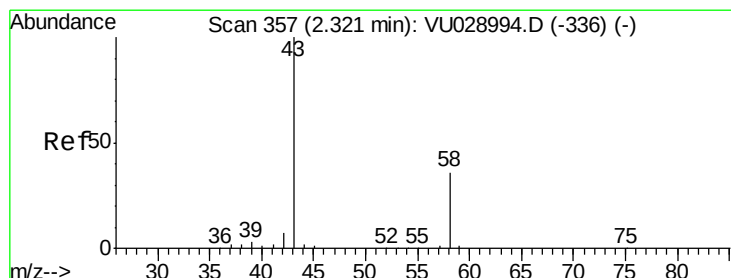
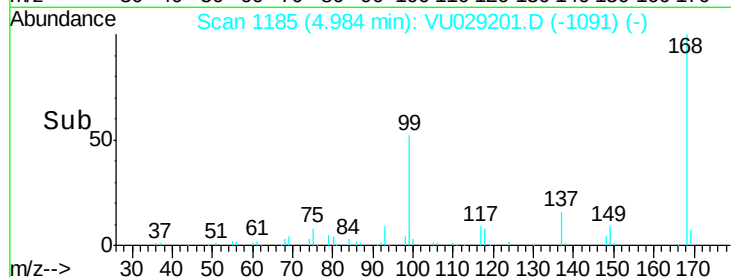
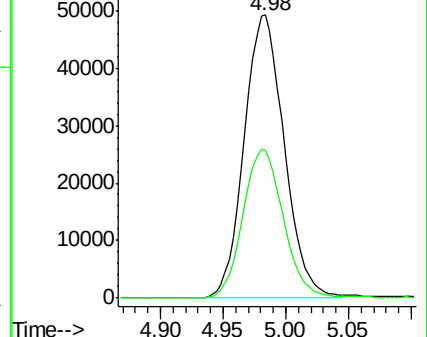
168 100

99 52.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 6.188 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029201.D

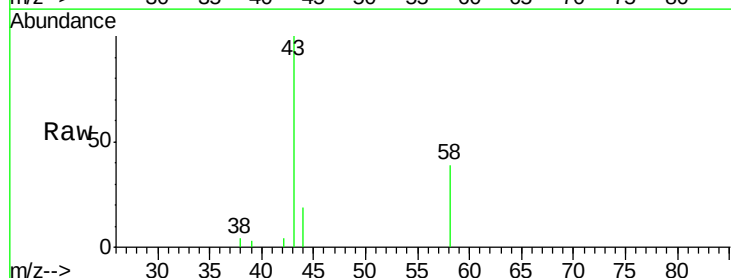
Acq: 16 Jan 2019 11:52

Tgt Ion: 43 Resp: 5267

Ion Ratio Lower Upper

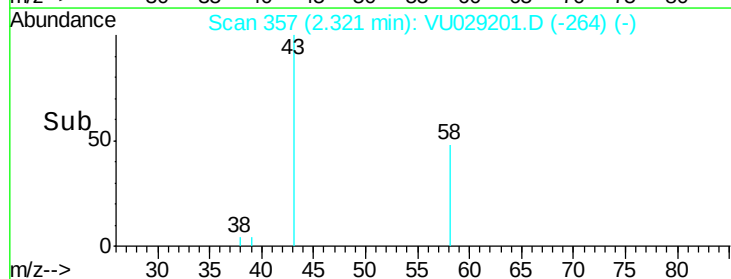
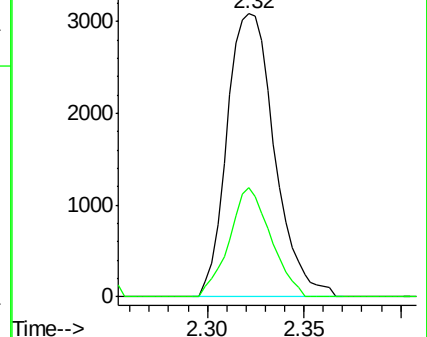
43 100

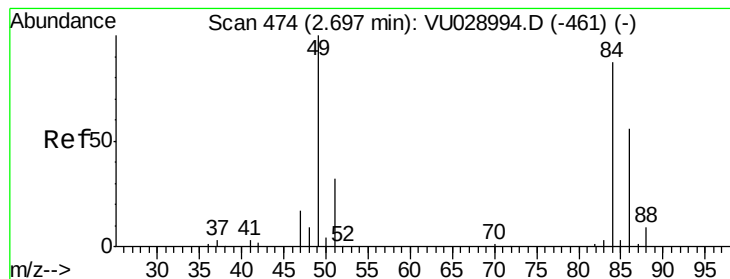
58 38.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)





#20

Methylene Chloride

Concen: 41.028 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

TP-3

Tot Ion: 84 Resp: 59290

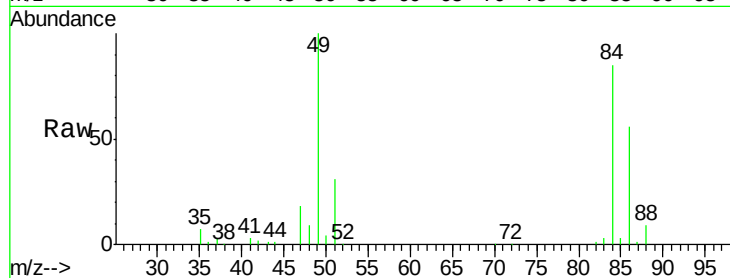
Ion Ratio Lower Upper

84 100

49 118.0 91.9 137.9

51 36.5 29.2 43.8

86 65.7 51.8 77.6

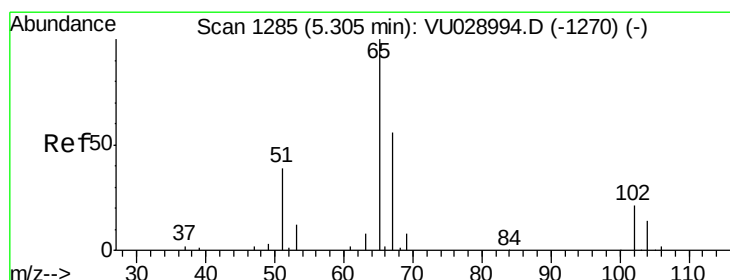
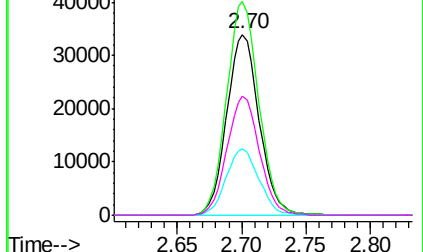
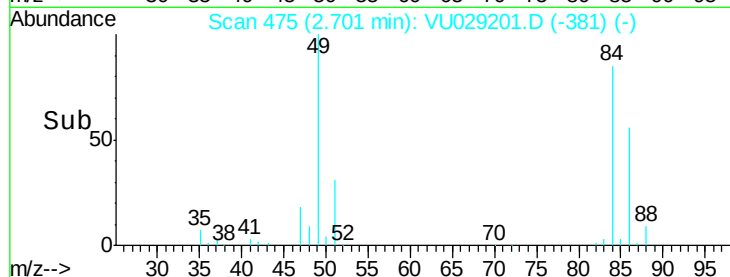


Abundance Ion 83.90 (83.60 to 84.60): VU0

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



#33

1,2-Dichloroethane-d4

Concen: 56.664 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029201.D

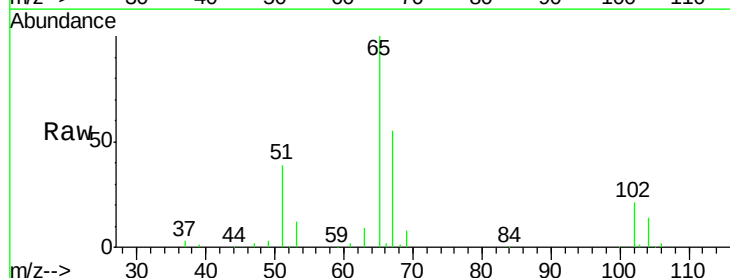
Acq: 16 Jan 2019 11:52

Tgt Ion: 65 Resp: 76559

Ion Ratio Lower Upper

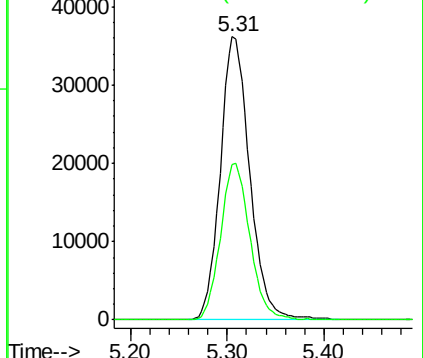
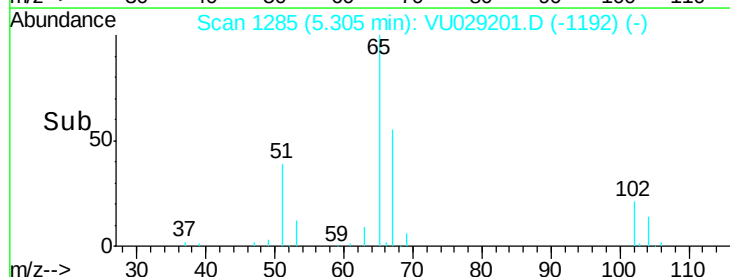
65 100

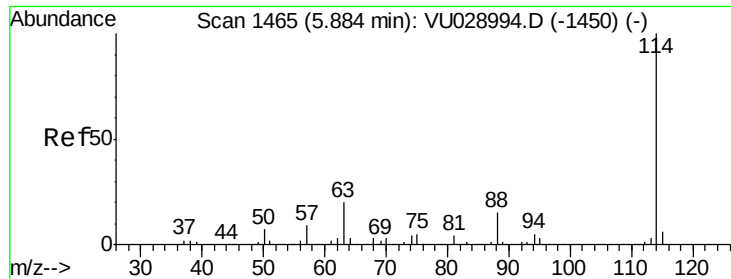
67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

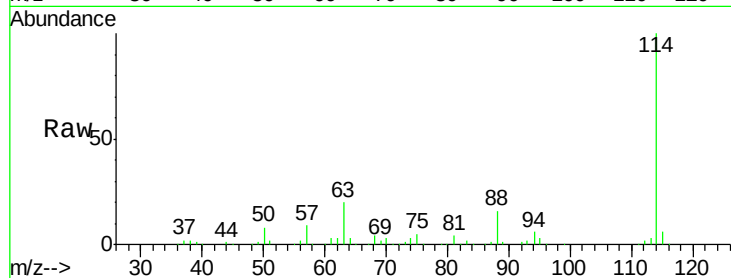




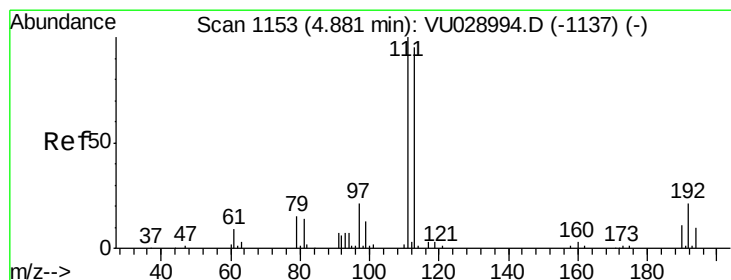
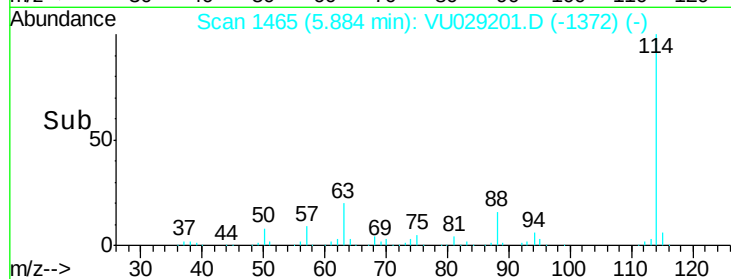
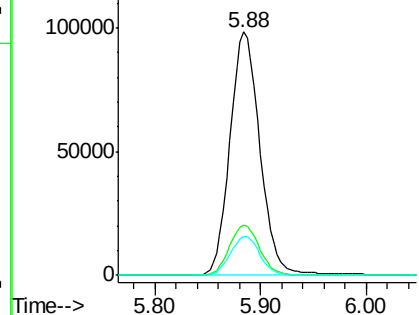
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

Instrument :
 MSVOA_U
 ClientSampled :
 TP-3

Tot Ion:114 Resp: 193634
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 16.1 0.0 30.4

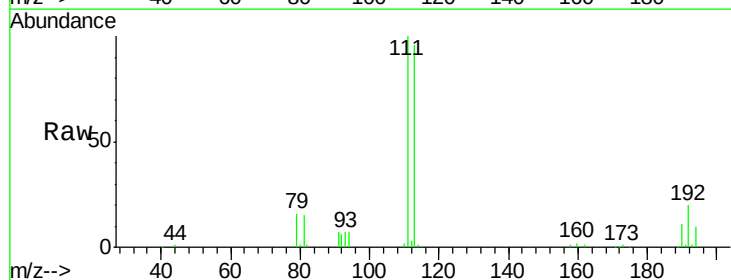


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

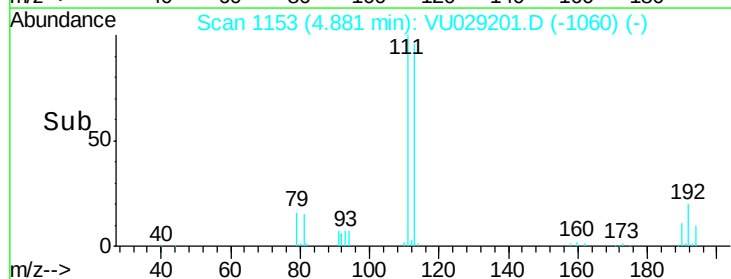
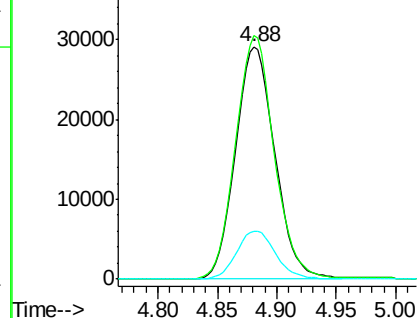


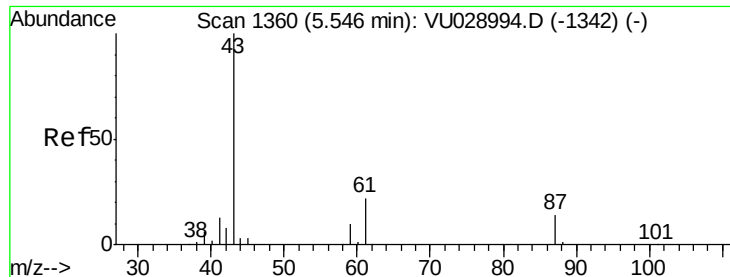
#35
 Dibromofluoromethane
 Concen: 53.147 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

Tgt Ion:113 Resp: 66710
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.2
 192 20.5 16.8 25.2



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

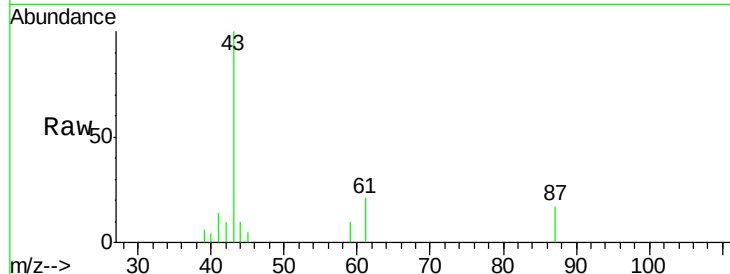




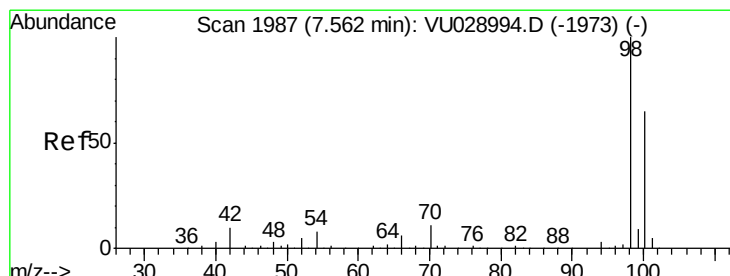
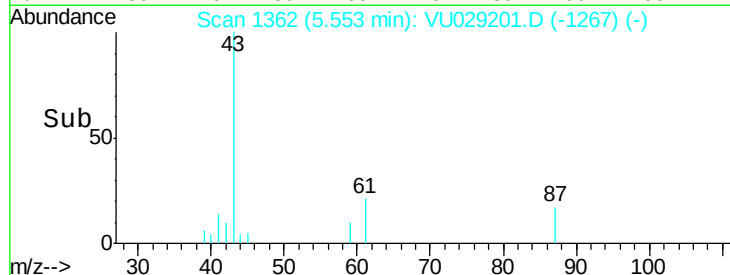
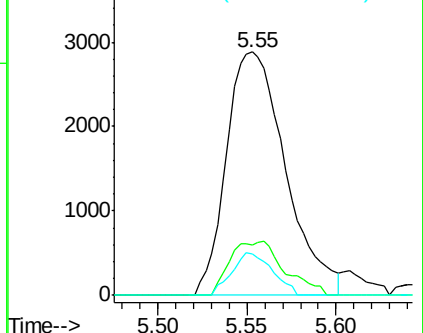
#43
Isopropyl Acetate
Concen: 2.046 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Instrument :
MSVOA_U
ClientSampleId :
TP-3

Tot Ion: 43 Resp: 6669
Ion Ratio Lower Upper
43 100
61 20.4 17.8 26.6
87 12.0 11.3 16.9

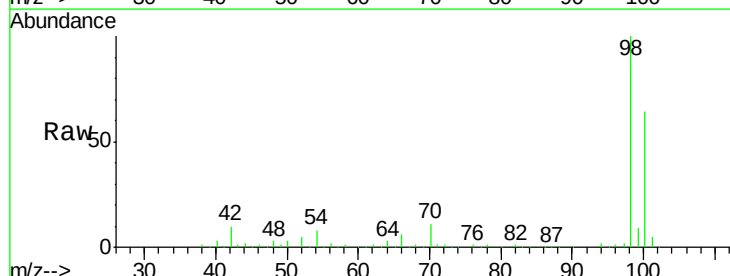


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

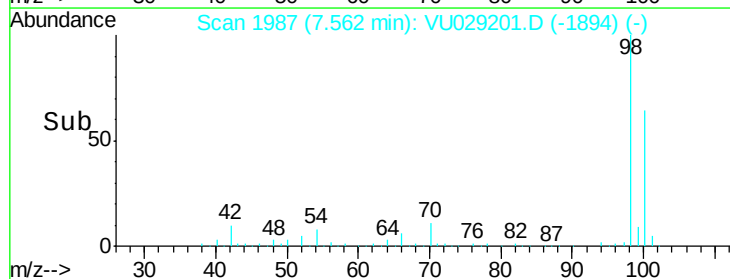
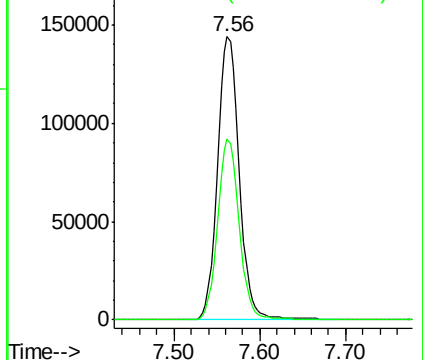


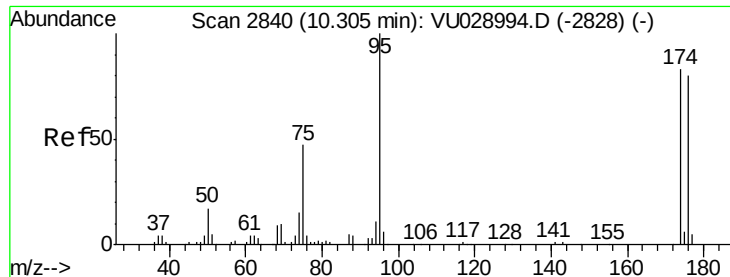
#50
Toluene-d8
Concen: 51.246 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Tgt Ion: 98 Resp: 253942
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



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

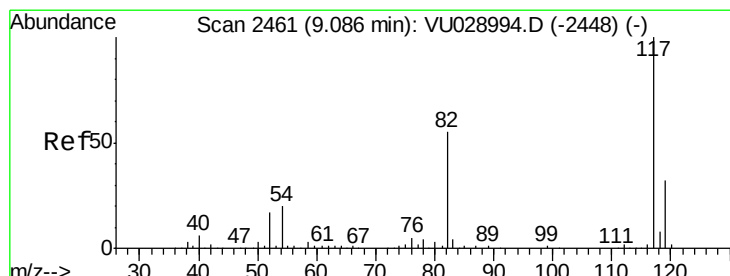
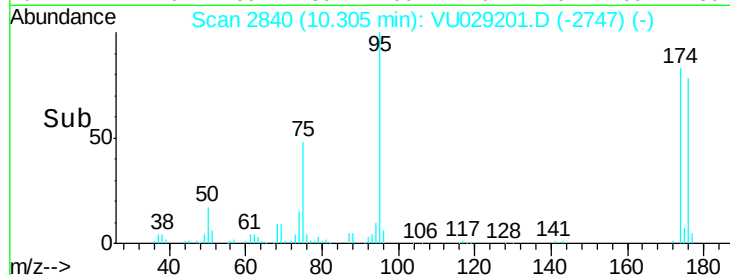
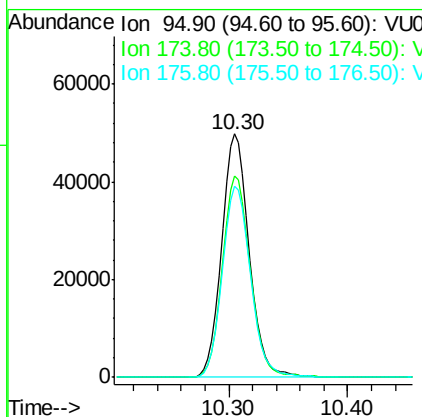
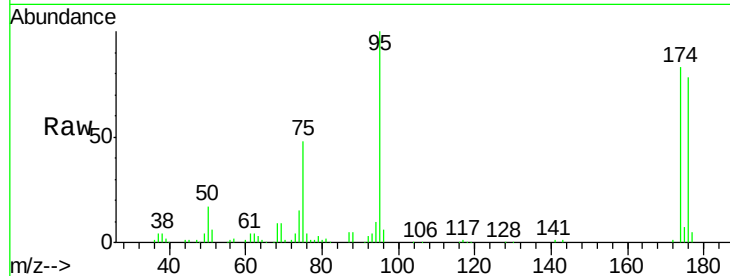




#62
4-Bromofluorobenzene
Concen: 44.764 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

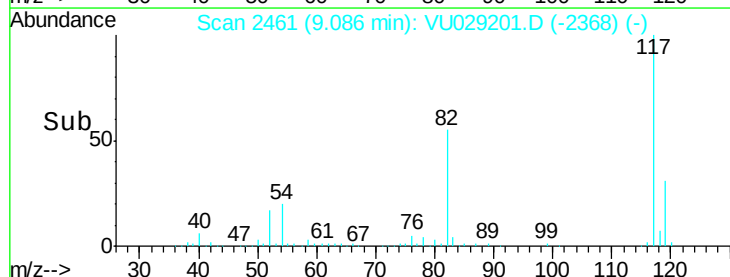
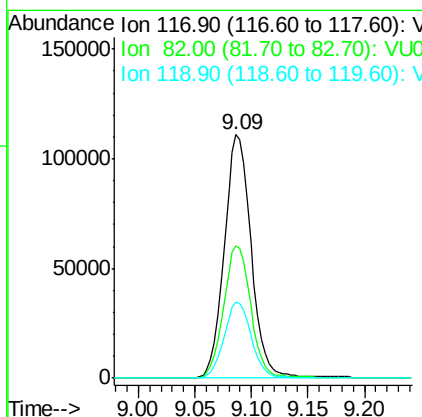
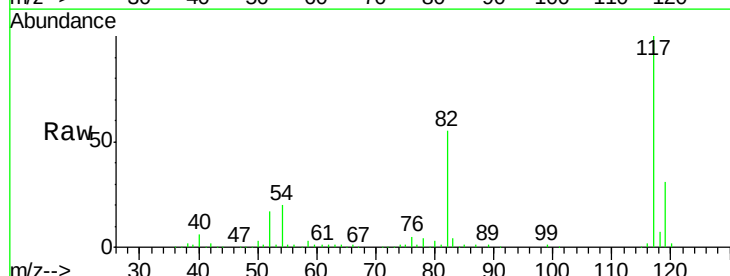
Instrument :
MSVOA_U
ClientSampleId :
TP-3

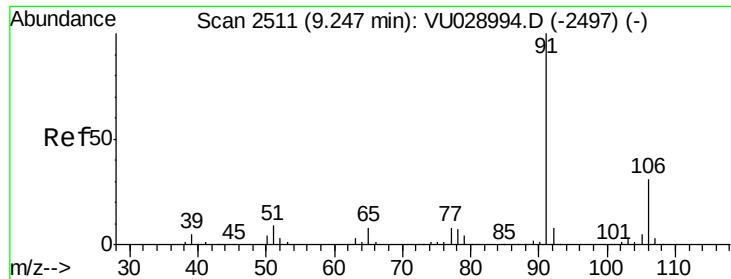
Tot Ion: 95 Resp: 79719
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.6
176 80.5 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Tgt Ion: 117 Resp: 184022
Ion Ratio Lower Upper
117 100
82 54.5 43.9 65.9
119 31.2 26.0 39.0

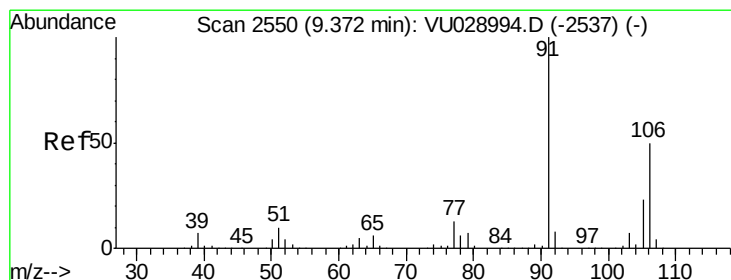
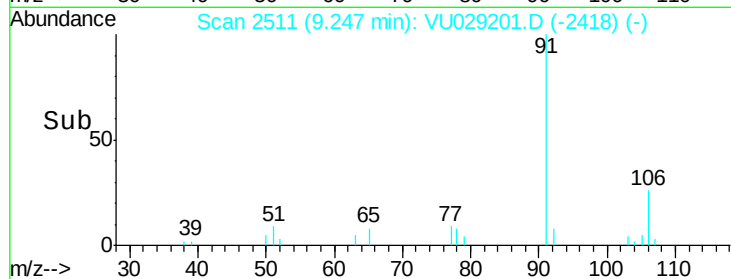
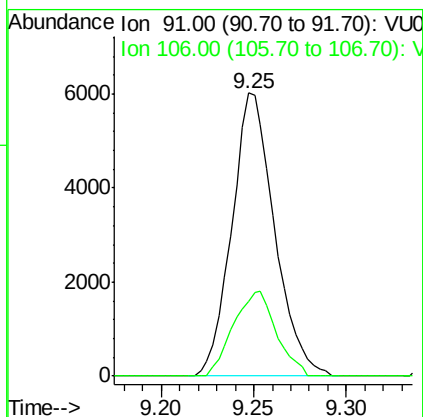
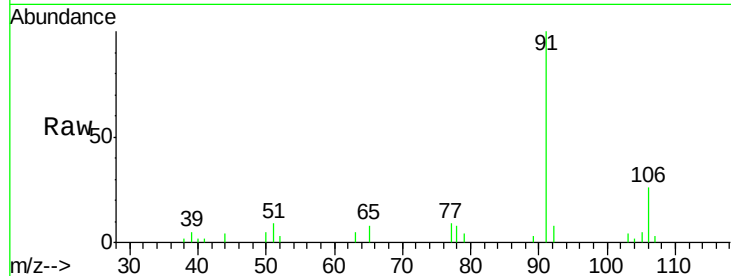




#67
Ethyl Benzene
Concen: 1.402 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

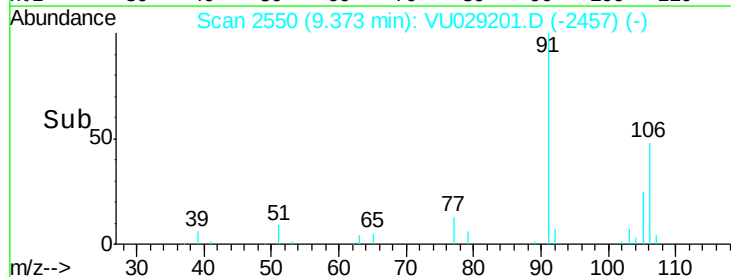
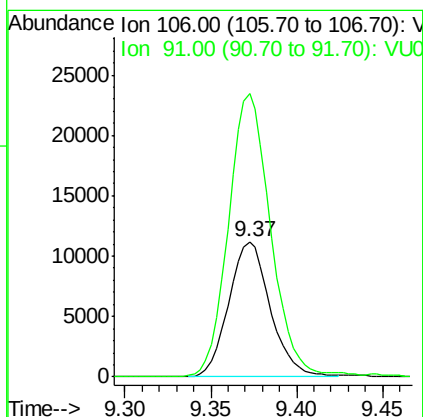
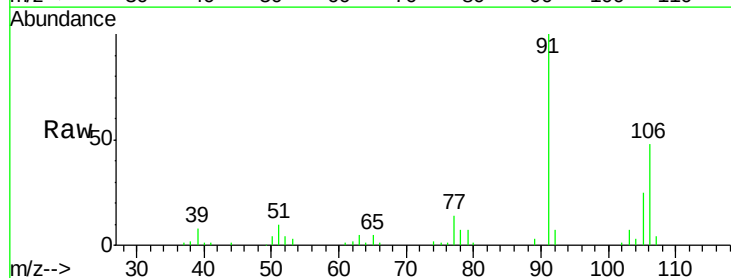
Instrument :
MSVOA_U
ClientSampleId :
TP-3

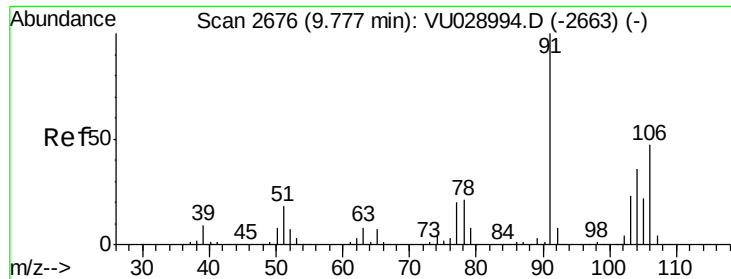
Tot Ion: 91 Resp: 9652
Ion Ratio Lower Upper
91 100
106 26.3 25.0 37.4



#68
m/p-Xylenes
Concen: 7.060 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Tgt Ion: 106 Resp: 18892
Ion Ratio Lower Upper
106 100
91 210.3 161.7 242.5

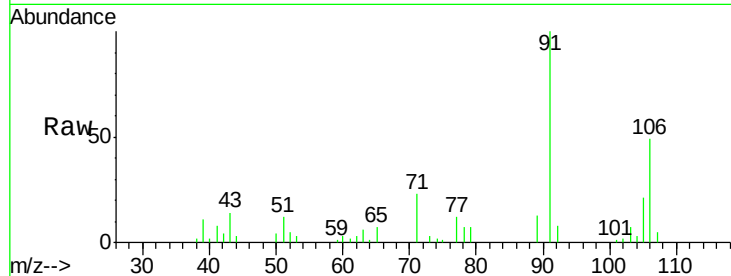




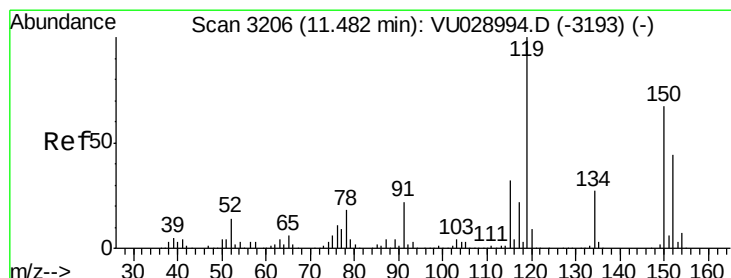
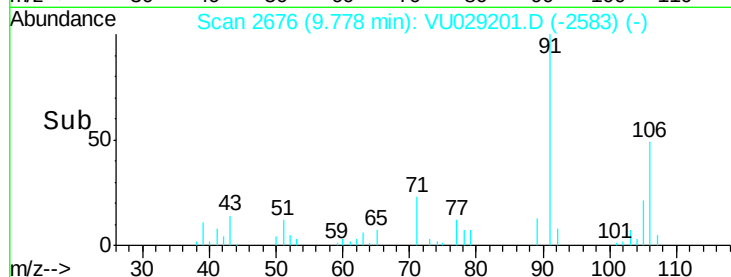
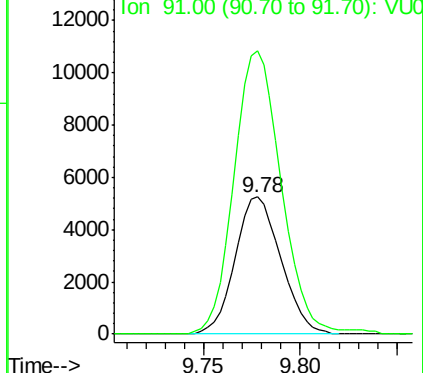
#69
o-Xylene
Concen: 3.354 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Instrument :
MSVOA_U
ClientSampled :
TP-3

Tot Ion:106 Resp: 8648
Ion Ratio Lower Upper
106 100
91 213.3 106.1 318.3

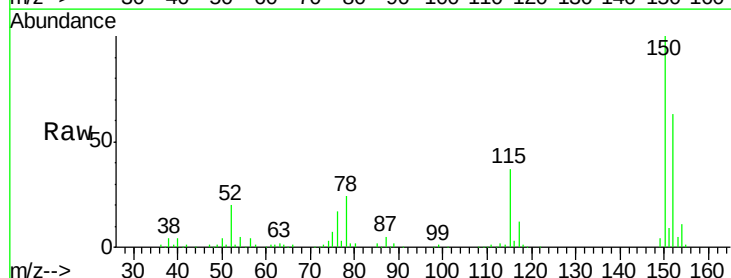


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

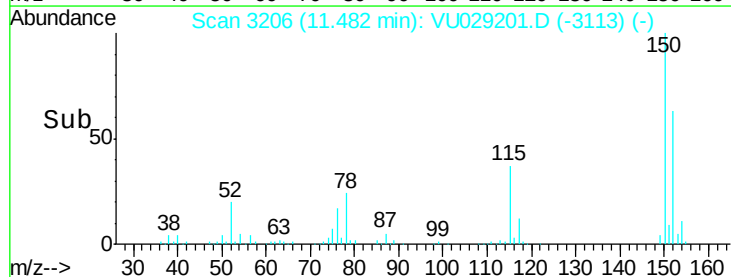
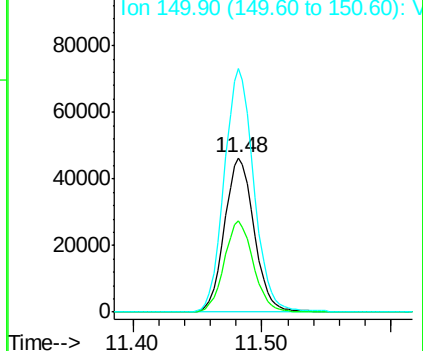


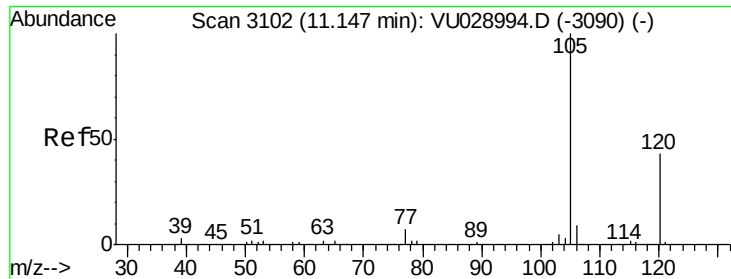
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Tgt Ion:152 Resp: 73856
Ion Ratio Lower Upper
152 100
115 57.8 40.1 120.3
150 157.5 0.0 345.2



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: 2.933 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

Tot Ion:105 Resp: 13366
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.1 69.3

