

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027435.D
 Acq On : 05 Oct 2018 01:50
 Operator : MD/SY
 Sample : J5165-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718

Quant Time: Oct 05 08:50:24 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	117737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	202102	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	198070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	113140	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	110097	56.00	ug/l	0.00
Spiked Amount			Recovery	=	112.00%	
35) Dibromofluoromethane	4.89	113	79213	57.19	ug/l	0.00
Spiked Amount			Recovery	=	114.38%	
50) Toluene-d8	7.57	98	310473	59.89	ug/l	0.00
Spiked Amount			Recovery	=	119.78%	
62) 4-Bromofluorobenzene	10.31	95	121849	63.25	ug/l	0.00
Spiked Amount			Recovery	=	126.50%	

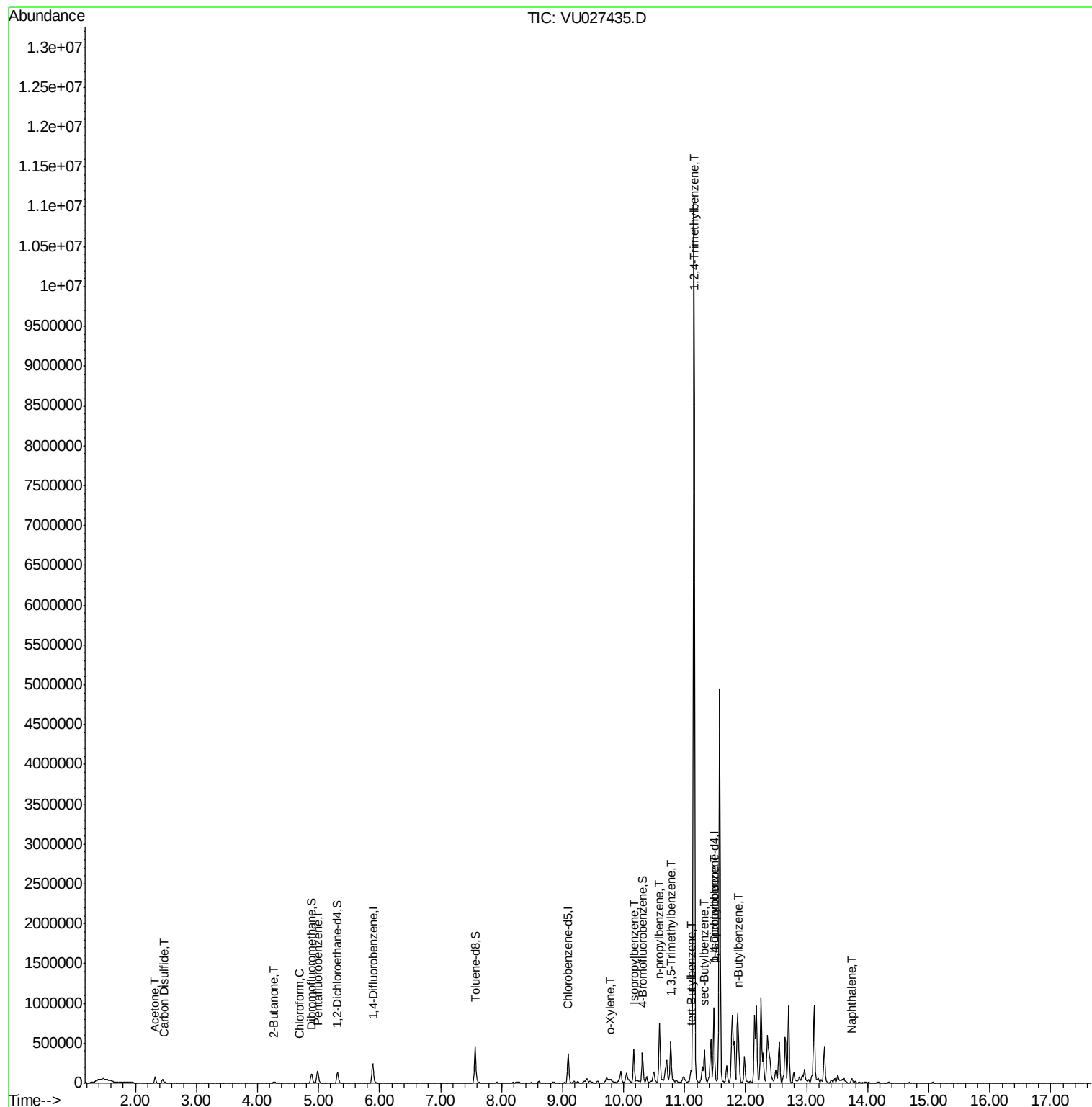
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	82676	71.184	ug/l	98
17) Carbon Disulfide	2.48	76	13202	2.943	ug/l	99
25) 2-Butanone	4.28	43	21541	13.601	ug/l	98
30) Chloroform	4.69	83	1620	0.591	ug/l	90
69) o-Xylene	9.78	106	11404	4.441	ug/l	96
73) Isopropylbenzene	10.17	105	265850	32.353	ug/l	99
78) n-propylbenzene	10.59	91	569557	57.682	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	257417	38.478	ug/l	99
83) tert-Butylbenzene	11.10	119	59680	9.228	ug/l	89
84) 1,2,4-Trimethylbenzene	11.15	105	5761278	843.052	ug/l	99
85) sec-Butylbenzene	11.32	105	262023	32.154	ug/l	100
86) p-Isopropyltoluene	11.48	119	281568	40.356	ug/l	100
89) n-Butylbenzene	11.89	91	216948	30.108	ug/l #	72
95) Naphthalene	13.74	128	39104	6.080	ug/l #	96

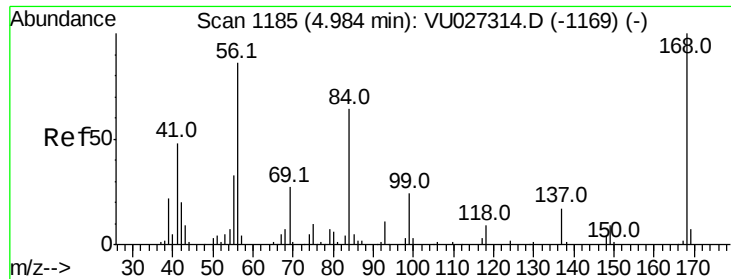
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 02:04:34 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027435.D

Acq: 05 Oct 2018 01:50

Instrument :

MSVOA_U

ClientSampleId :

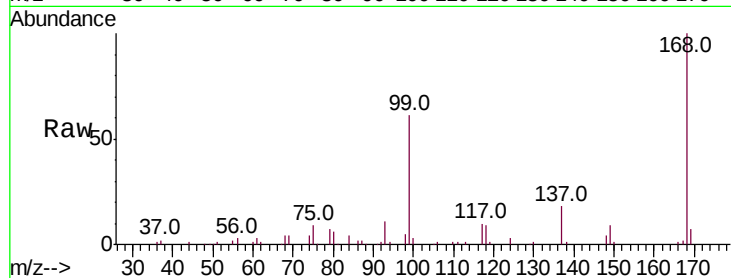
EP-MW-H-092718

Tot Ion:168 Resp: 117737

Ion Ratio Lower Upper

168 100

99 60.9 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) (-)

4.99

50000

40000

30000

20000

10000

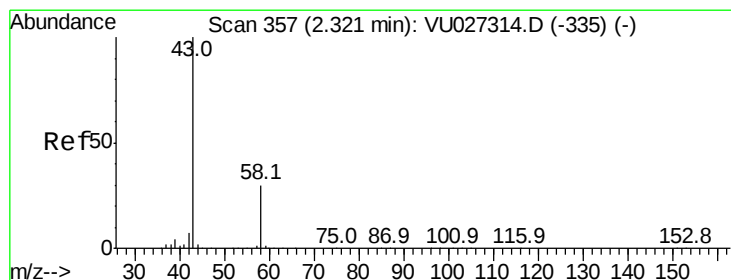
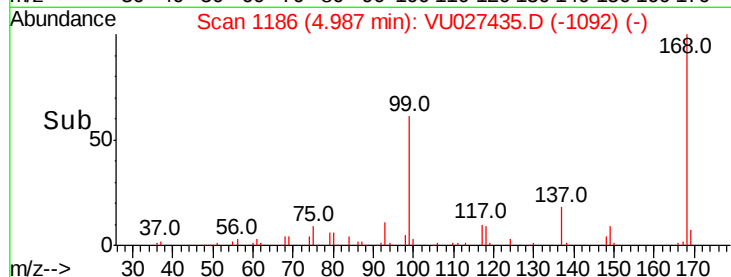
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 71.184 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027435.D

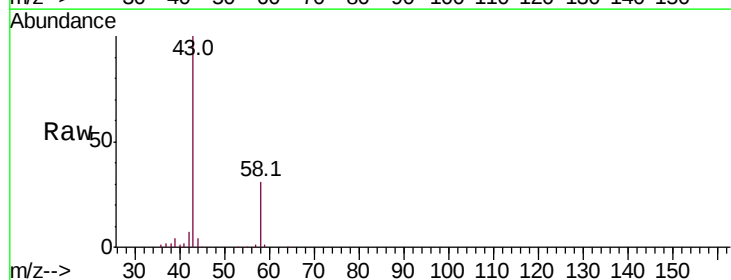
Acq: 05 Oct 2018 01:50

Tgt Ion: 43 Resp: 82676

Ion Ratio Lower Upper

43 100

58 31.3 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) (-)

2.32

50000

40000

30000

20000

10000

0

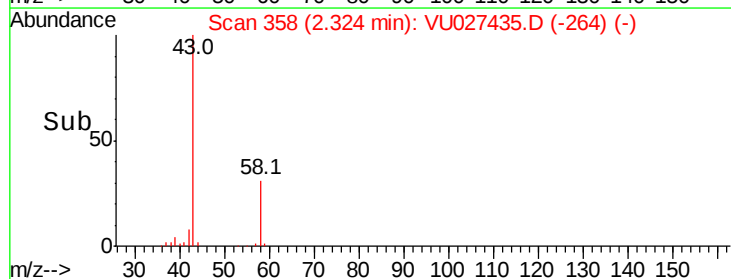
2.25

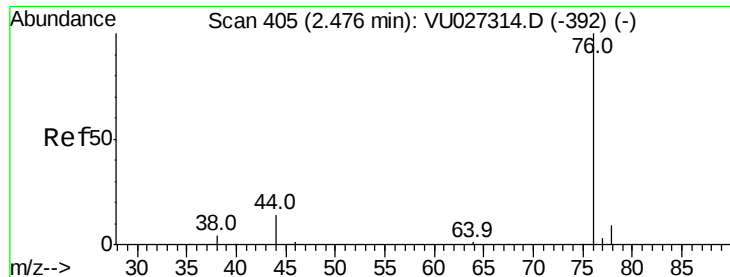
2.30

2.35

2.40

Time-->

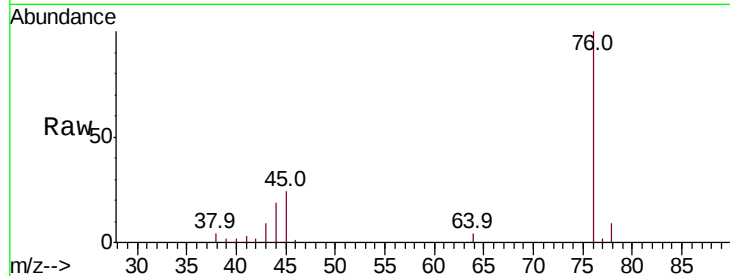




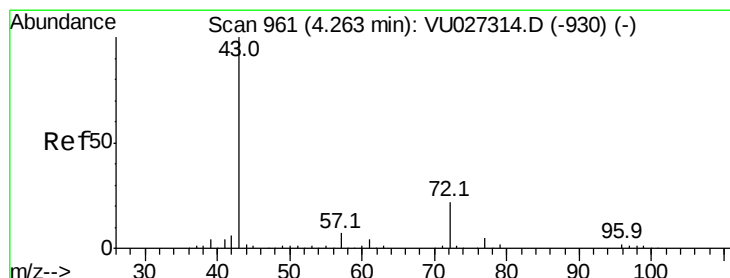
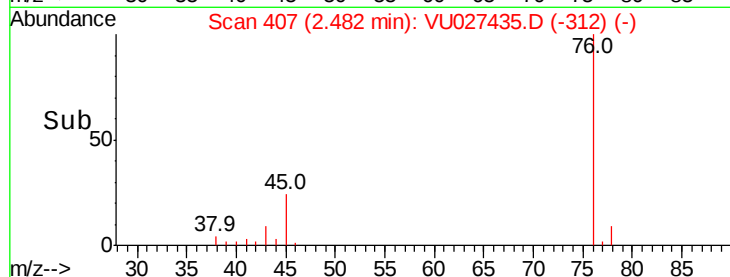
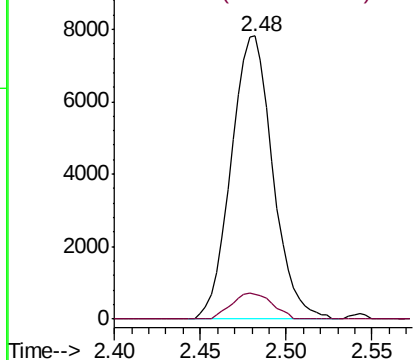
#17
Carbon Disulfide
Concen: 2.943 ug/l
RT: 2.48 min Scan# 407
Delta R.T. 0.01 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

Tot Ion: 76 Resp: 13202
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

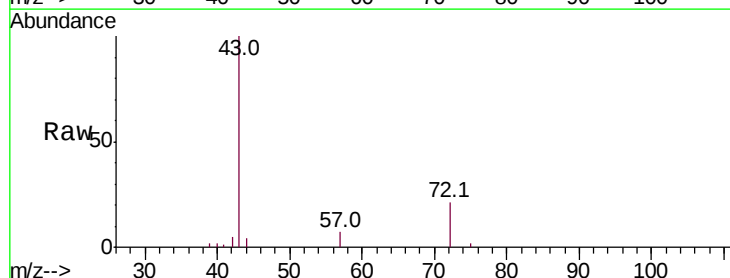


Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0

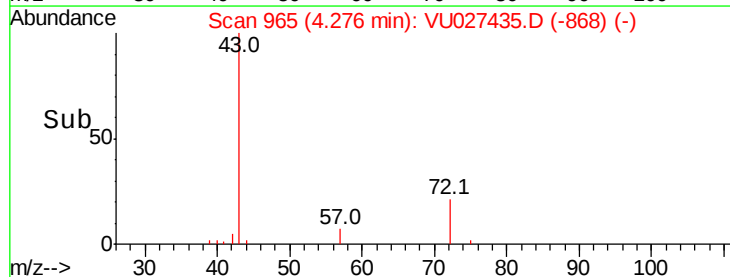
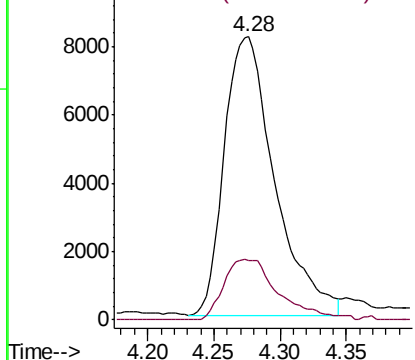


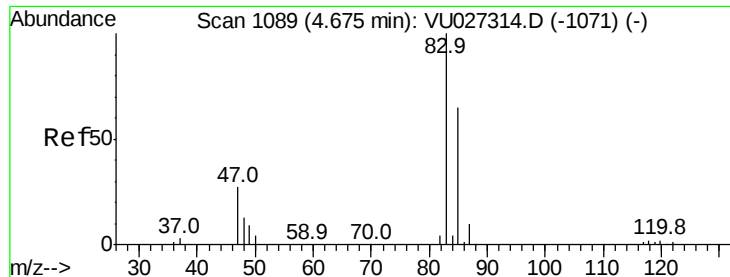
#25
2-Butanone
Concen: 13.601 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.01 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Tgt Ion: 43 Resp: 21541
Ion Ratio Lower Upper
43 100
72 21.5 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

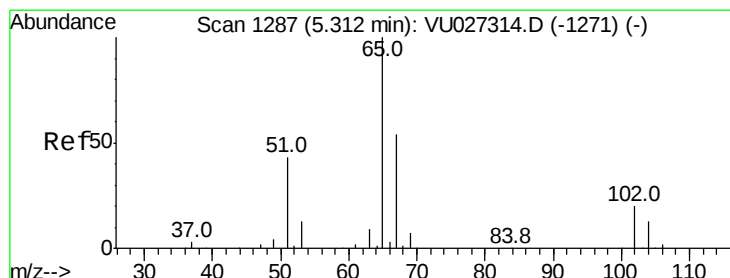
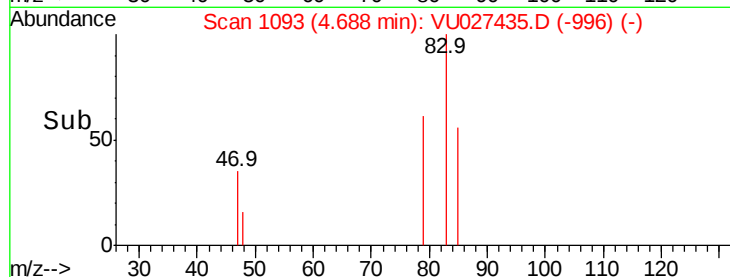
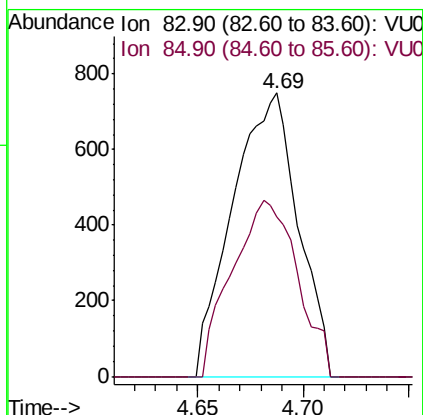
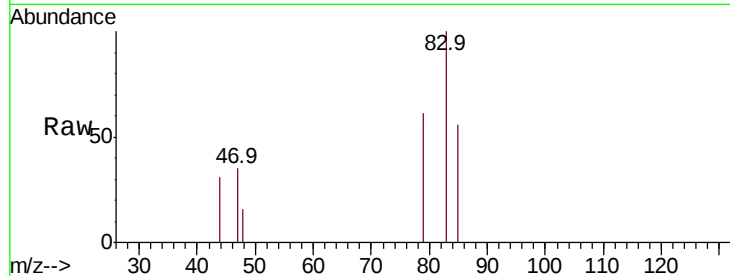




#30
Chloroform
Concen: 0.591 ug/l
RT: 4.69 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

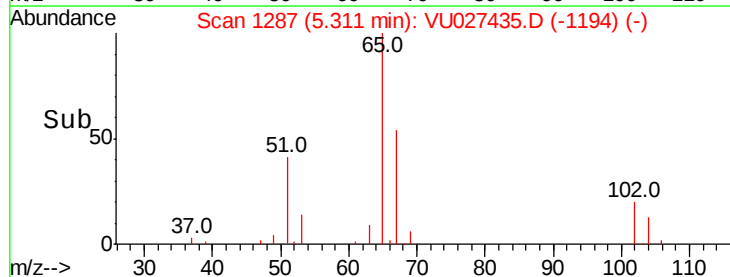
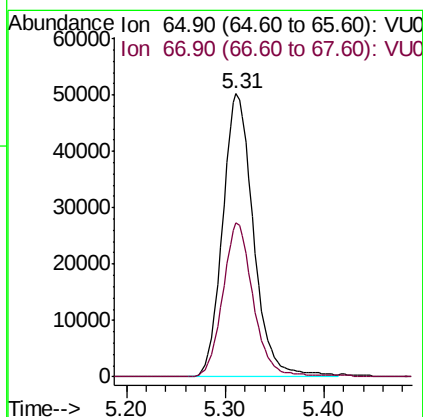
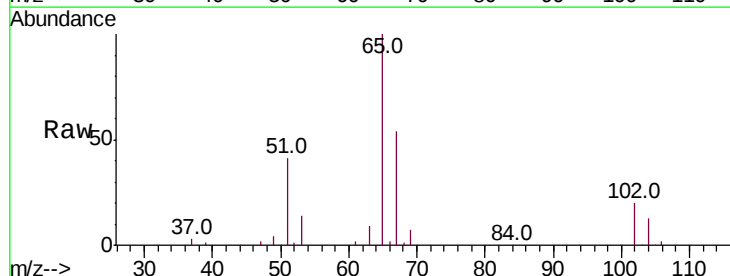
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

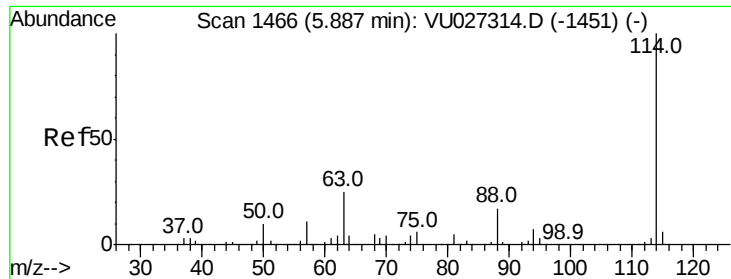
Tot Ion: 83 Resp: 1620
Ion Ratio Lower Upper
83 100
85 56.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 56.000 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Tgt Ion: 65 Resp: 110097
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8

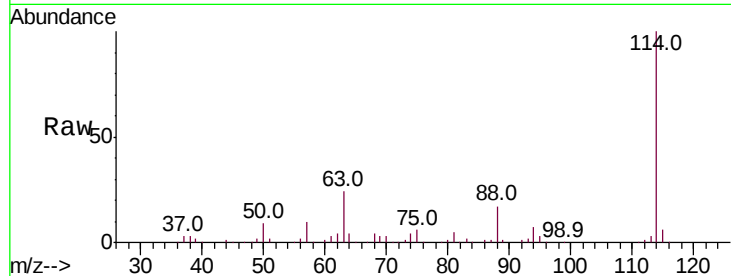




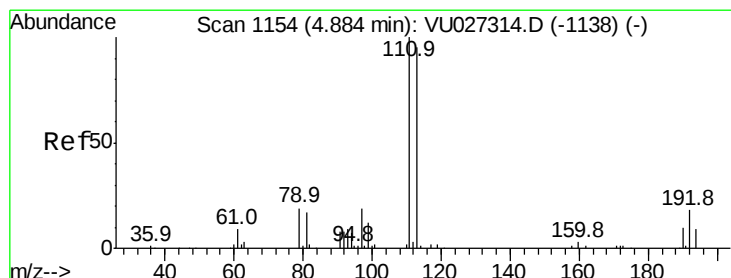
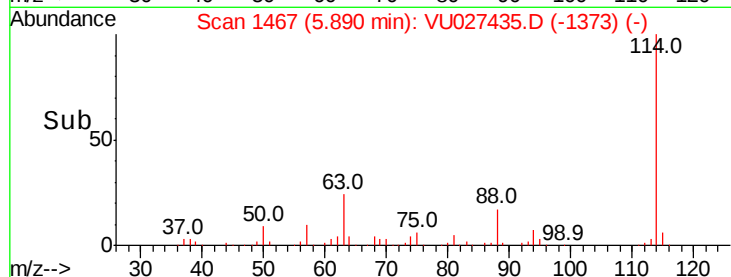
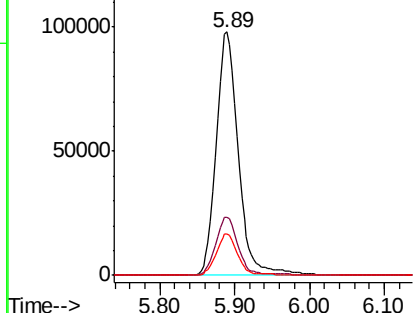
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	50.2
88	17.0	0.0	33.8

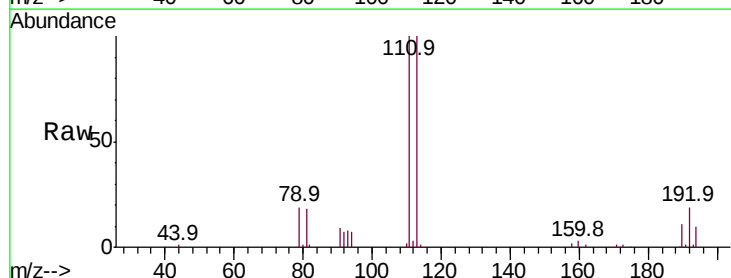


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

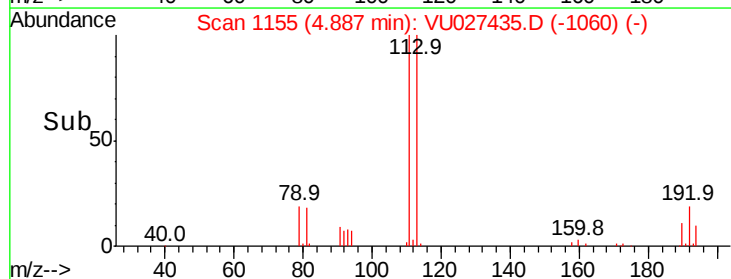
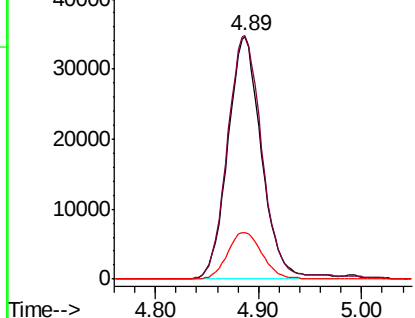


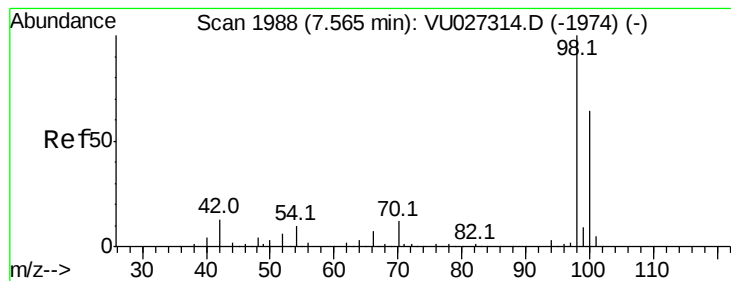
#35
Dibromofluoromethane
Concen: 57.191 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	19.6	15.4	23.0



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: 59.892 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027435.D

Acq: 05 Oct 2018 01:50

Instrument :

MSVOA_U

ClientSampleId :

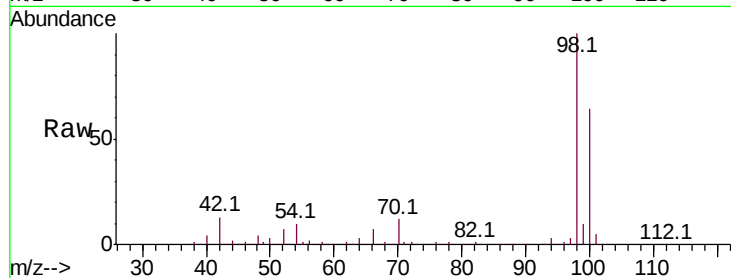
EP-MW-H-092718

Tot Ion: 98 Resp: 310473

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

150000

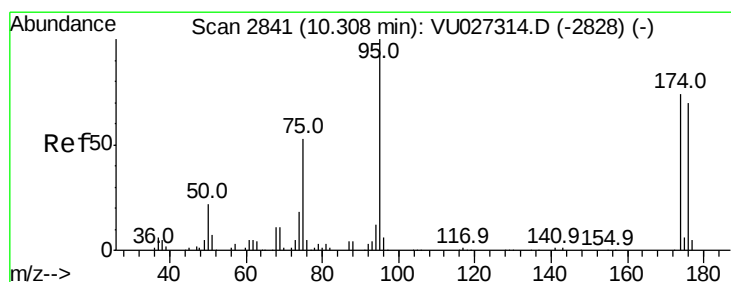
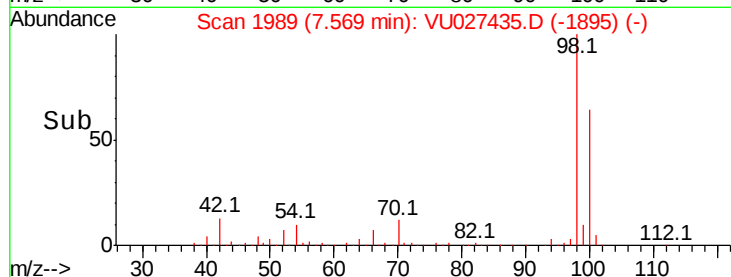
100000

50000

0

Time-->

7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 63.248 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027435.D

Acq: 05 Oct 2018 01:50

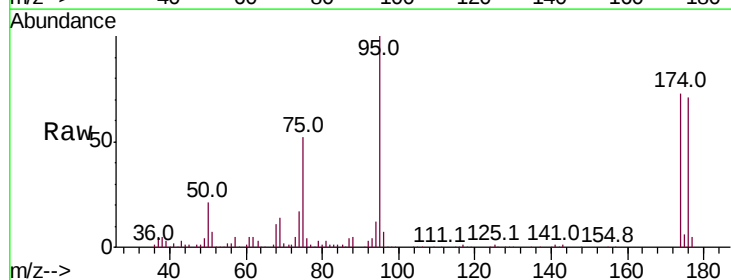
Tgt Ion: 95 Resp: 121849

Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.8

176 72.6 0.0 140.8



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

100000

80000

60000

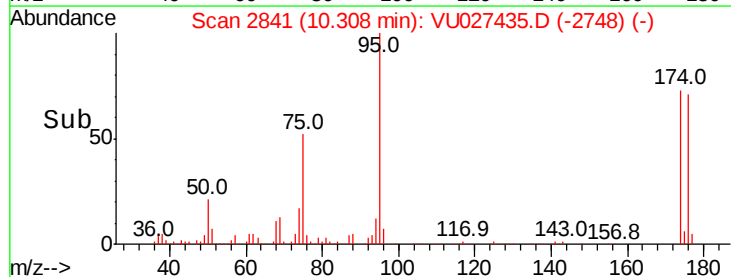
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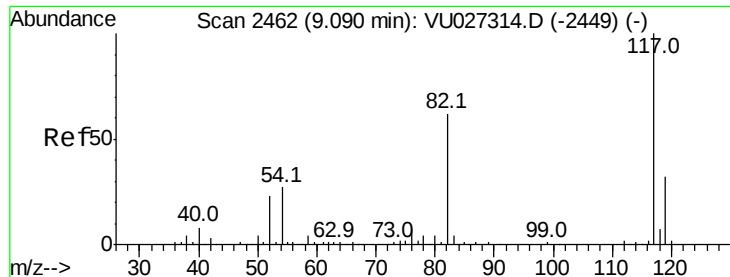
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0

Time-->

10.25 10.30 10.35

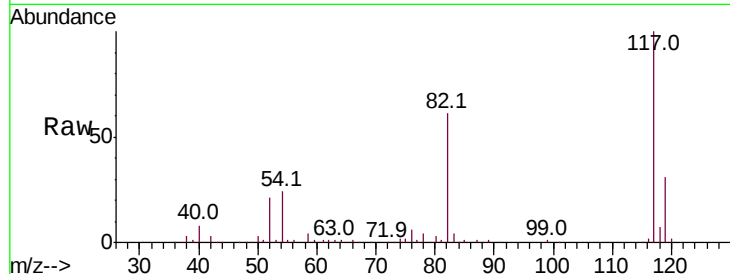




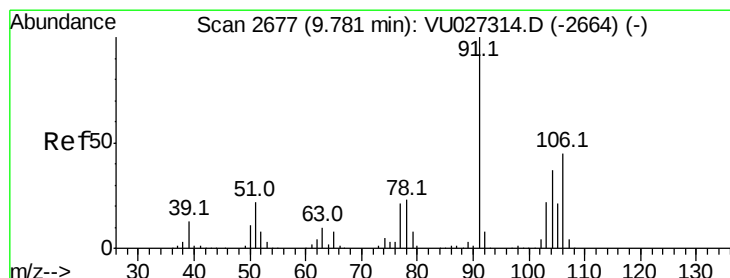
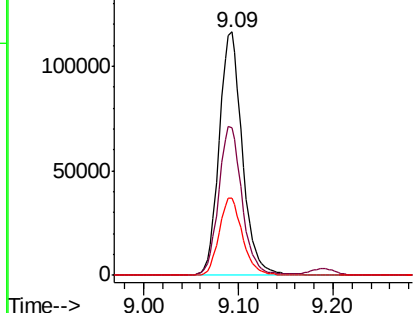
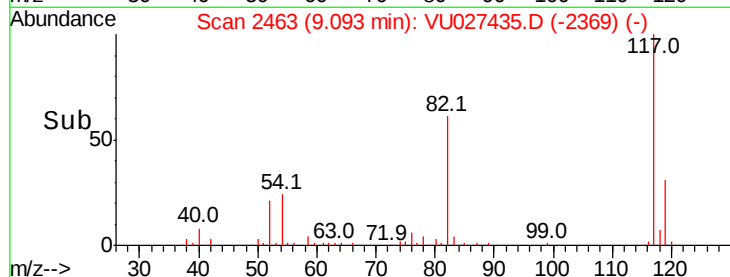
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

Tot Ion:117 Resp: 198070
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 31.5 25.7 38.5

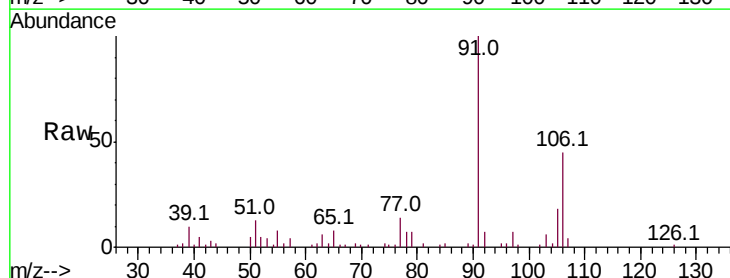


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

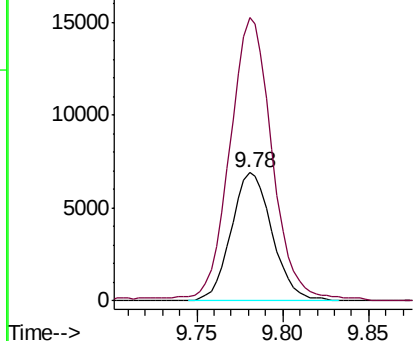
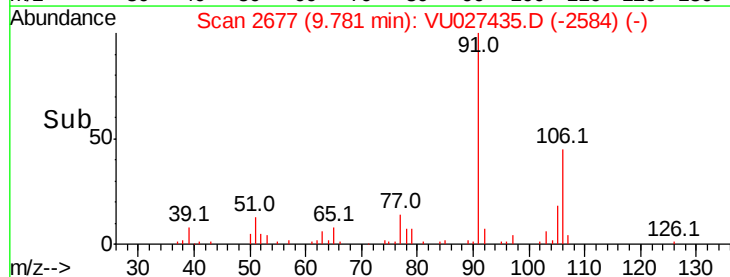


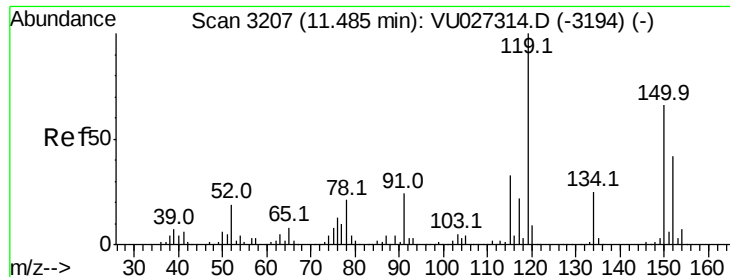
#69
o-Xylene
Concen: 4.441 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Tgt Ion:106 Resp: 11404
Ion Ratio Lower Upper
106 100
91 229.7 111.7 334.9



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



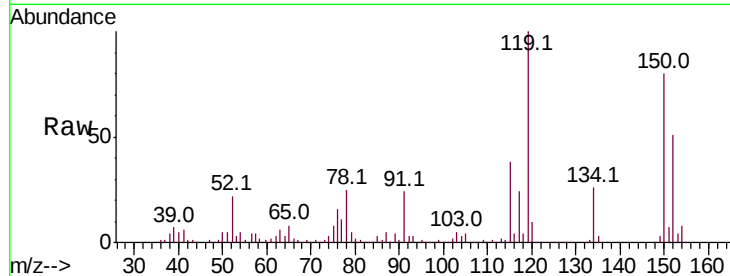


#72

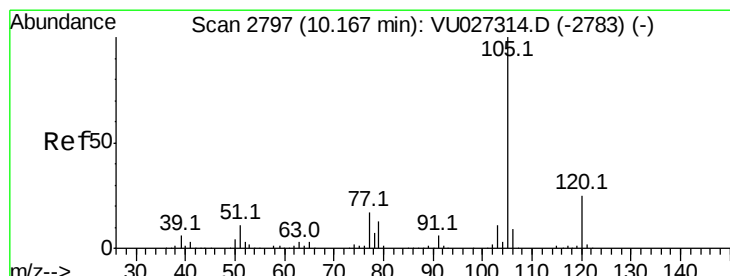
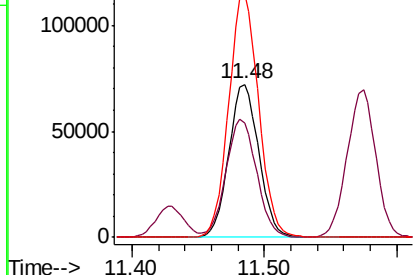
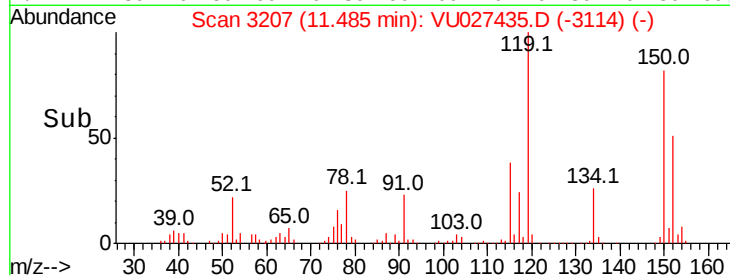
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

Tot Ion:152 Resp: 113140
Ion Ratio Lower Upper
152 100
115 78.3 43.4 130.2
150 158.5 0.0 349.2



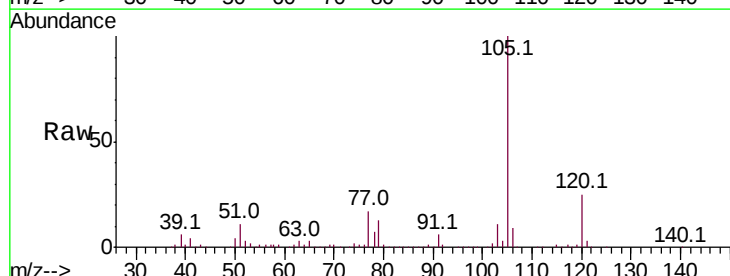
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



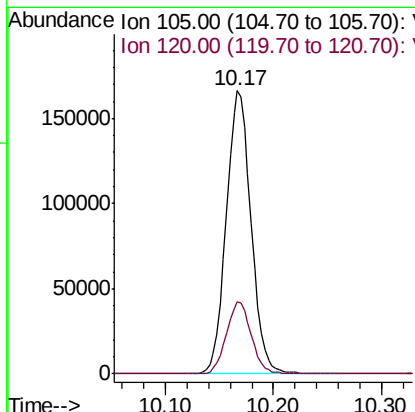
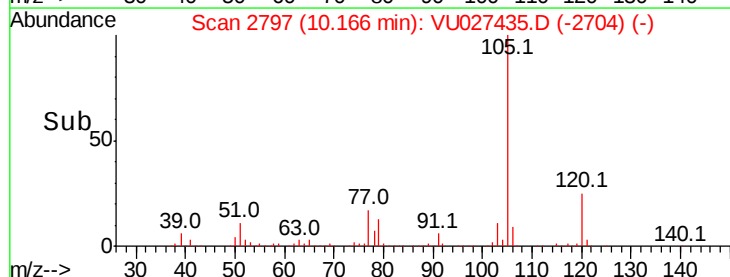
#73

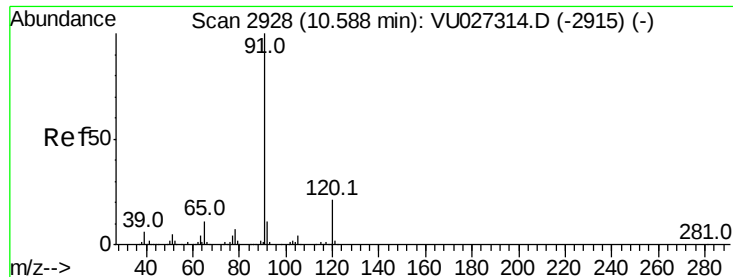
Isopropylbenzene
Concen: 32.353 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Tgt Ion:105 Resp: 265850
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 57.682 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027435.D

Acq: 05 Oct 2018 01:50

Instrument :

MSVOA_U

ClientSampleId :

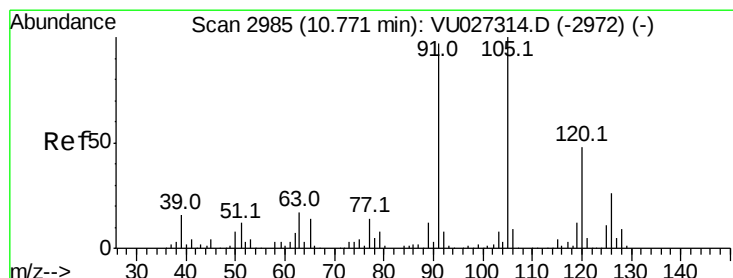
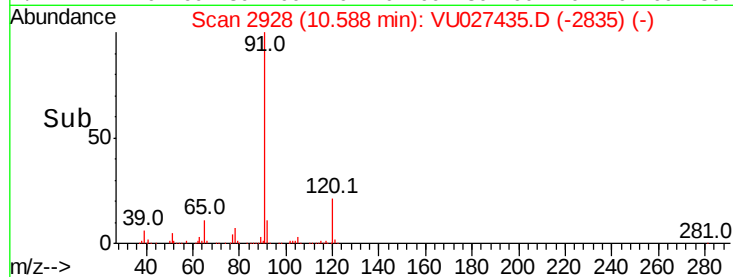
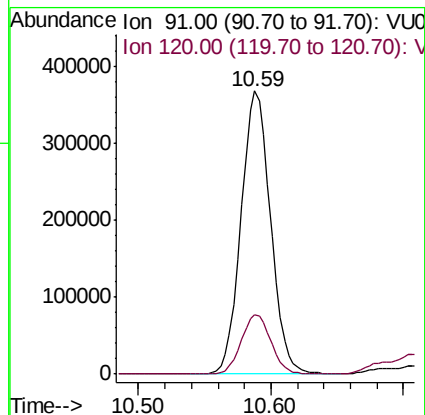
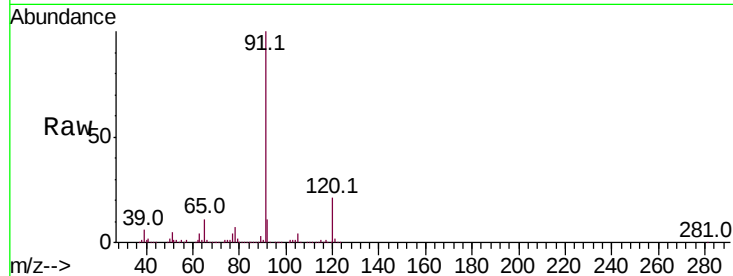
EP-MW-H-092718

Tot Ion: 91 Resp: 569557

Ion Ratio Lower Upper

91 100

120 21.1 10.6 31.8



#80

1,3,5-Trimethylbenzene

Concen: 38.478 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027435.D

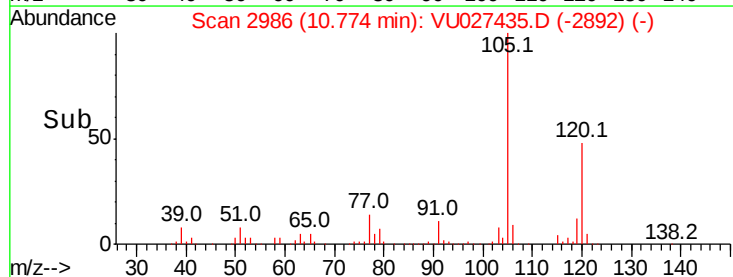
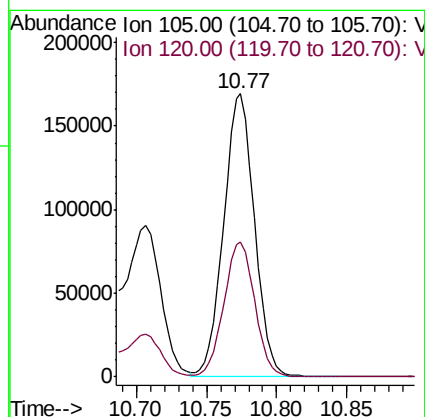
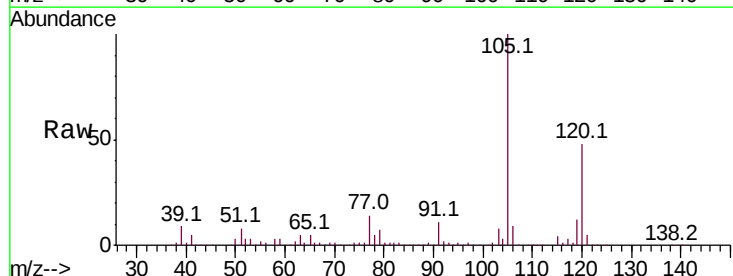
Acq: 05 Oct 2018 01:50

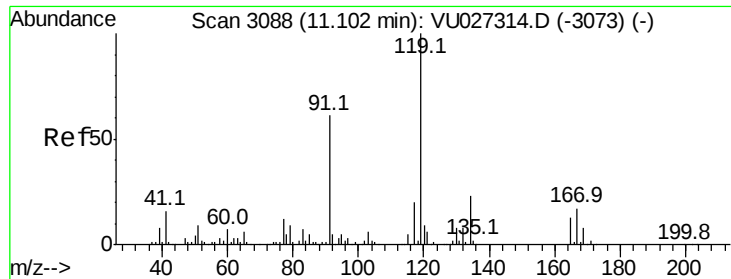
Tgt Ion: 105 Resp: 257417

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.4





#83

tert-Butylbenzene

Concen: 9.228 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027435.D

Acq: 05 Oct 2018 01:50

Instrument :

MSVOA_U

ClientSampleId :

EP-MW-H-092718

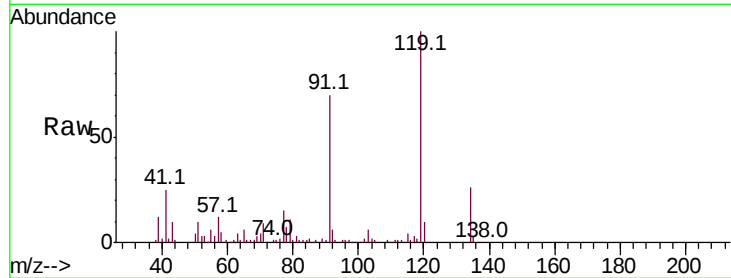
Tot Ion:119 Resp: 59680

Ion Ratio Lower Upper

119 100

91 71.3 30.3 91.0

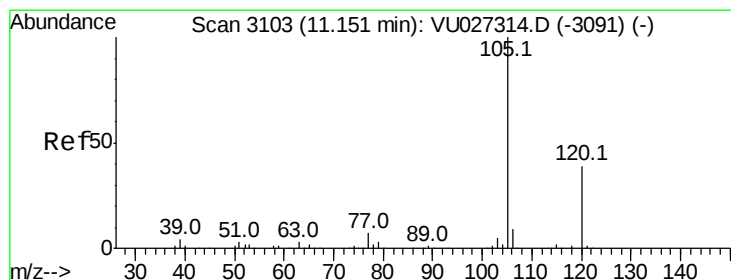
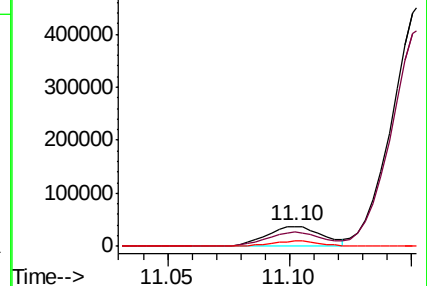
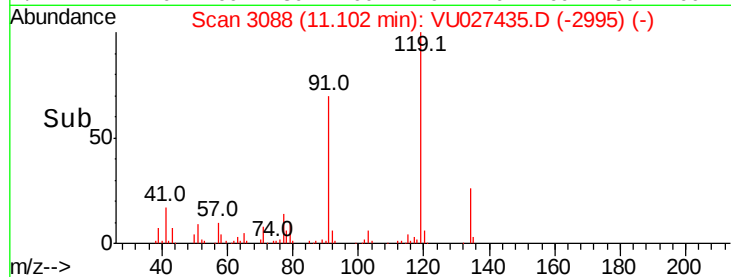
134 24.8 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 843.052 ug/l

RT: 11.15 min Scan# 3104

Delta R.T. 0.00 min

Lab File: VU027435.D

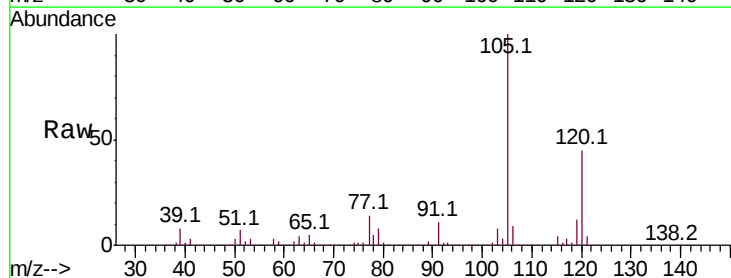
Acq: 05 Oct 2018 01:50

Tgt Ion:105 Resp: 5761278

Ion Ratio Lower Upper

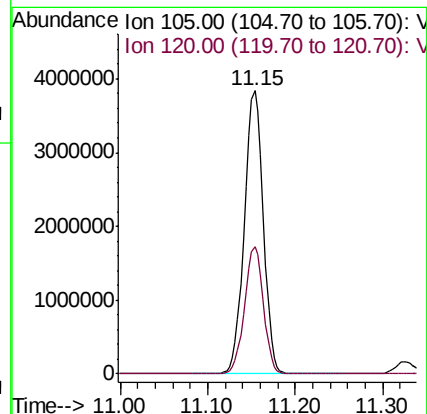
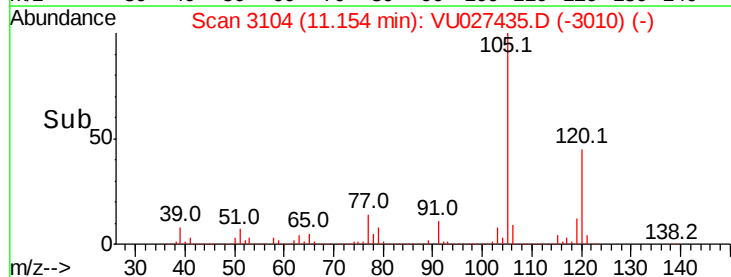
105 100

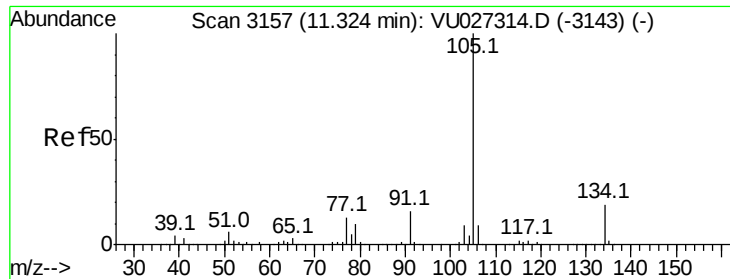
120 44.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

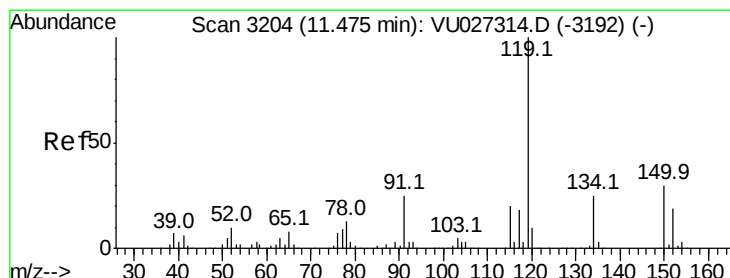
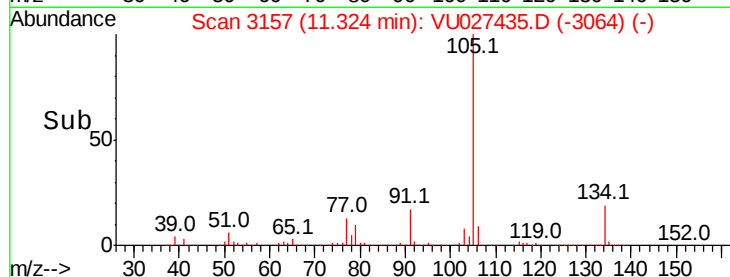
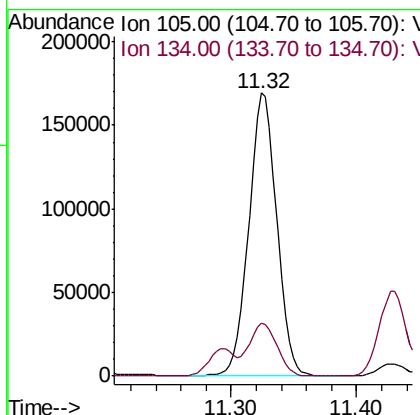
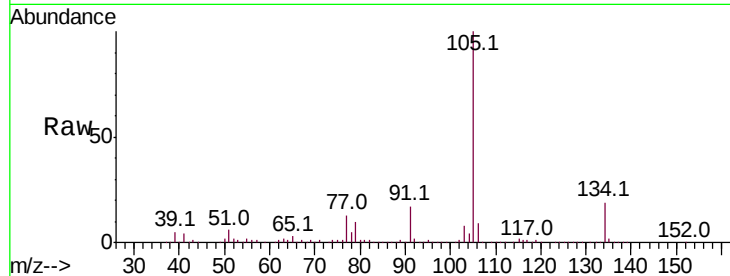




#85
 sec-Butylbenzene
 Concen: 32.154 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027435.D
 Acq: 05 Oct 2018 01:50

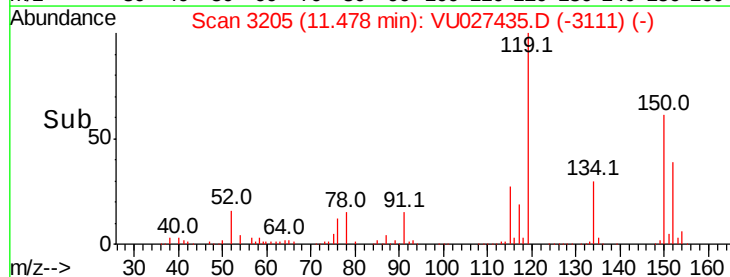
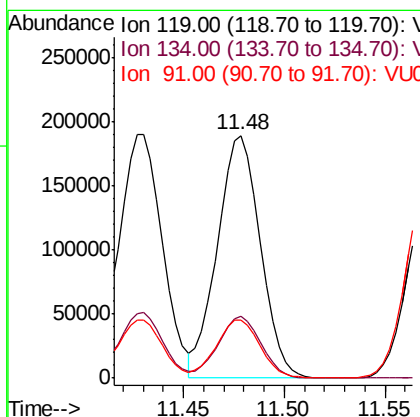
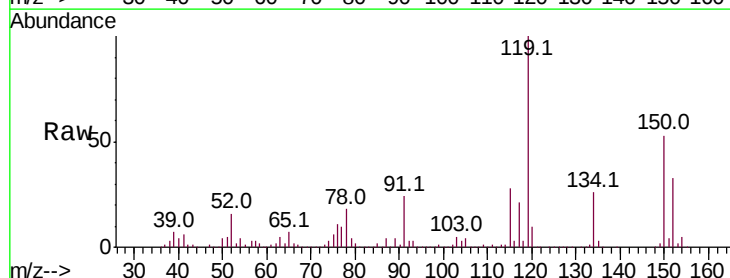
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718

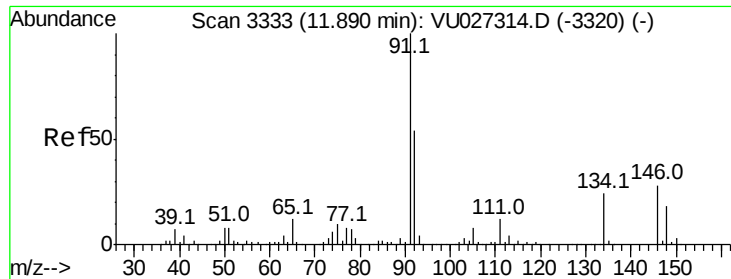
Tot Ion:105 Resp: 262023
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 40.356 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027435.D
 Acq: 05 Oct 2018 01:50

Tgt Ion:119 Resp: 281568
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 24.2 12.2 36.4

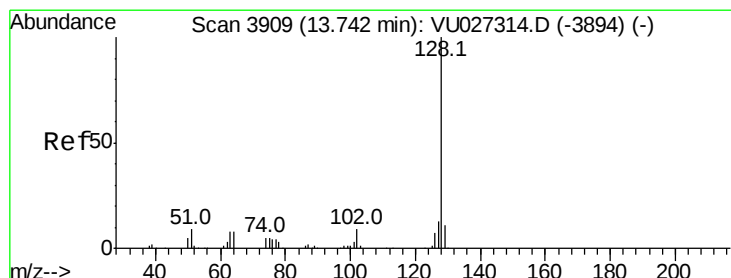
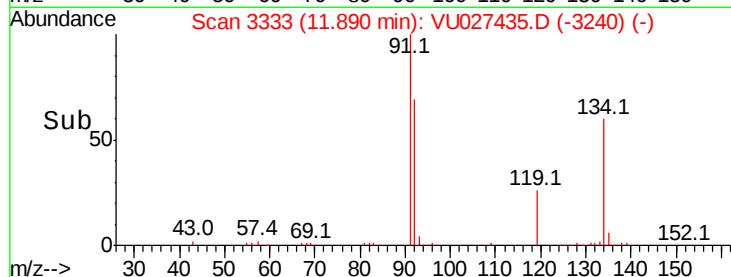
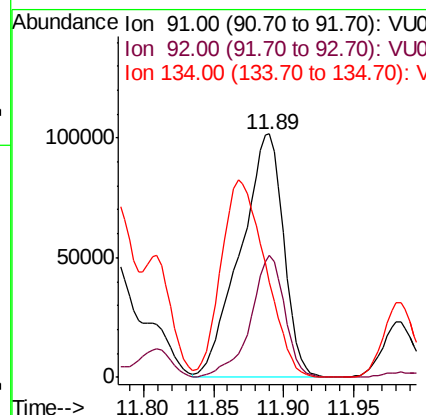
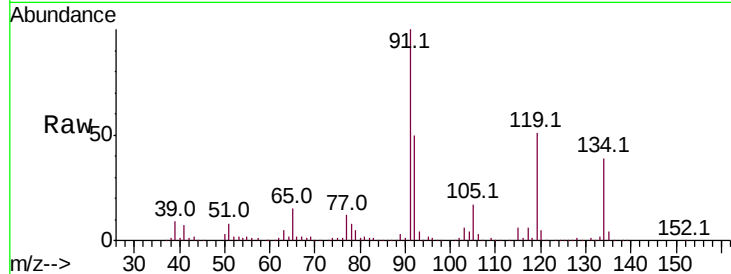




#89
n-Butylbenzene
Concen: 30.108 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

Tot Ion: 91 Resp: 216948
Ion Ratio Lower Upper
91 100
92 39.8 27.0 81.0
134 0.0 11.7 35.1#



#95
Naphthalene
Concen: 6.080 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027435.D
Acq: 05 Oct 2018 01:50

Tgt Ion:128 Resp: 39104
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 12.9 8.6 12.8#

