

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027429.D
 Acq On : 04 Oct 2018 23:30
 Operator : MD/SY
 Sample : J5165-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-092718FD-W

Manual Integrations
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MMDadoda
 10/8/2018 1:52:38 PM

Quant Time: Oct 05 08:32:42 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	107532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	191980	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	188211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	108122	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	106345	59.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.46%	
35) Dibromofluoromethane	4.89	113	76124	57.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.72%	
50) Toluene-d8	7.57	98	295607	60.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.06%	
62) 4-Bromofluorobenzene	10.31	95	115148	62.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	63914	60.253	ug/l	99
17) Carbon Disulfide	2.48	76	16632	4.060	ug/l	100
25) 2-Butanone	4.28	43	10458	7.230	ug/l	94
30) Chloroform	4.68	83	4704	1.879	ug/l	89
73) Isopropylbenzene	10.17	105	6019	0.766	ug/l	100
78) n-propylbenzene	10.59	91	9462	1.003	ug/l	94
83) tert-Butylbenzene	11.10	119	22888	3.703	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	173822	26.616	ug/l	100
85) sec-Butylbenzene	11.32	105	22005	2.826	ug/l	98
86) p-Isopropyltoluene	11.48	119	12583	1.887	ug/l	97
89) n-Butylbenzene	11.89	91	5620m	2.713	ug/l	

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

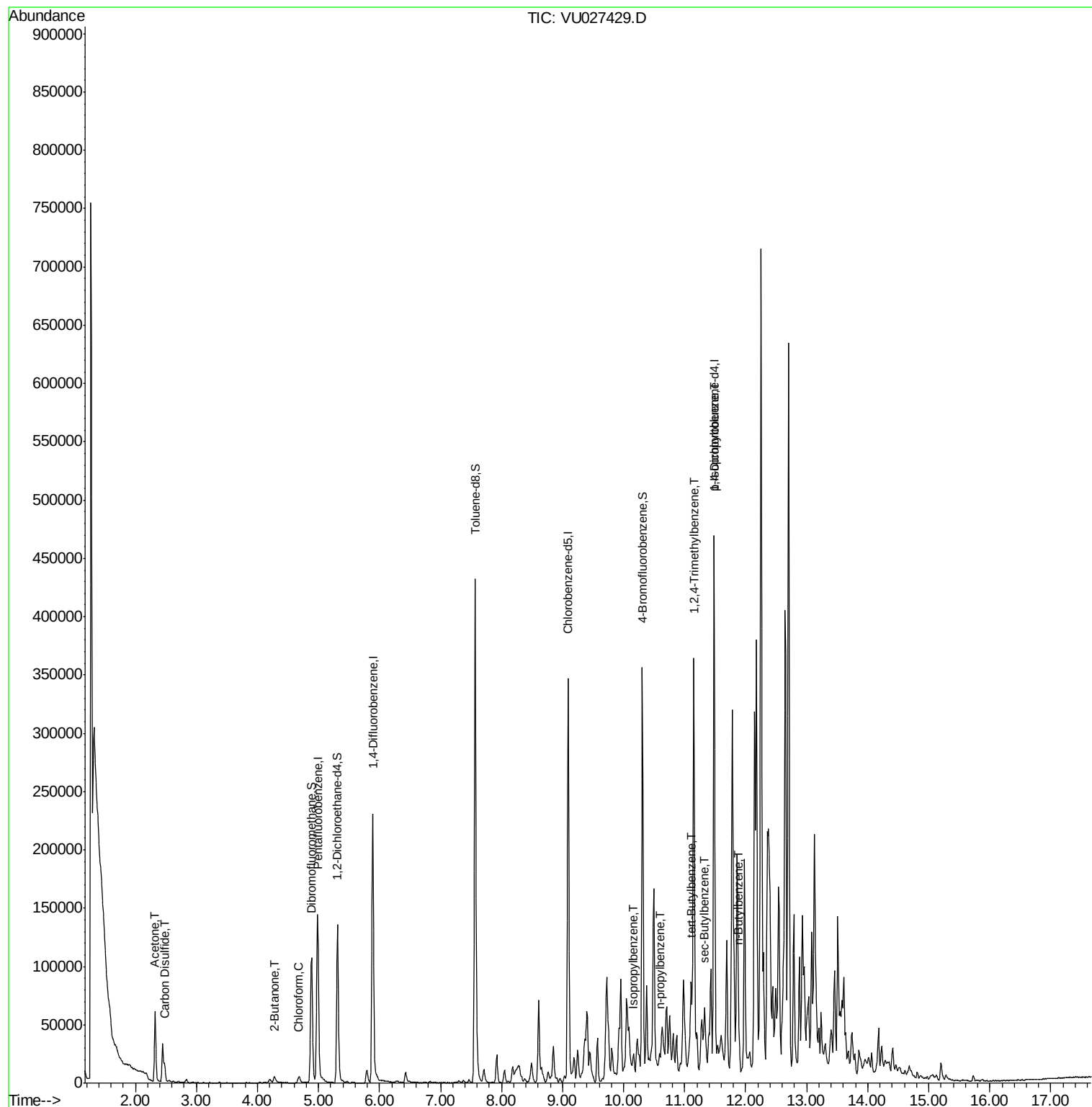
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027429.D
Acq On : 04 Oct 2018 23:30
Operator : MD/SY
Sample : J5165-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

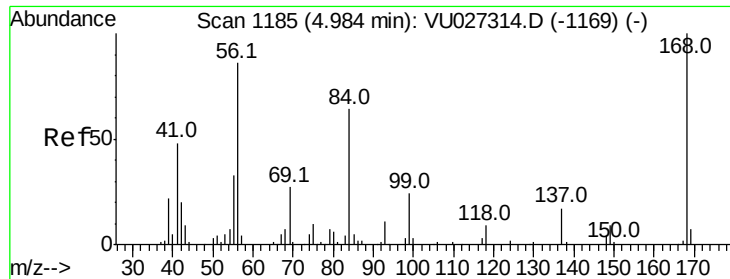
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

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Quant Time: Oct 05 08:32:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
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: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-092718FD-W

Tot Ion:168 Resp: 107532

Ion Ratio Lower Upper

168 100

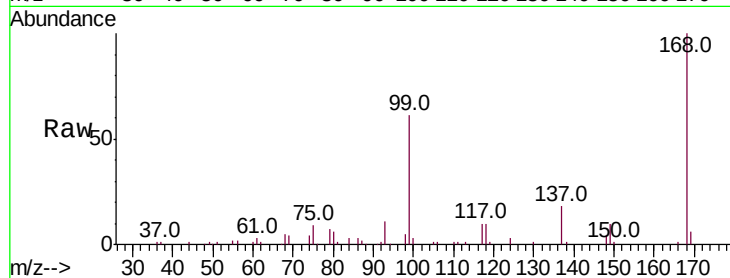
99 60.7 50.8 76.2

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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

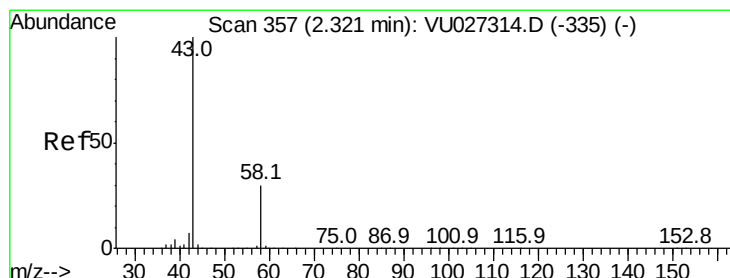
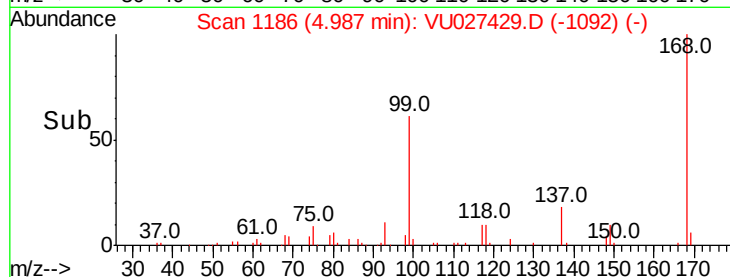
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 60.253 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027429.D

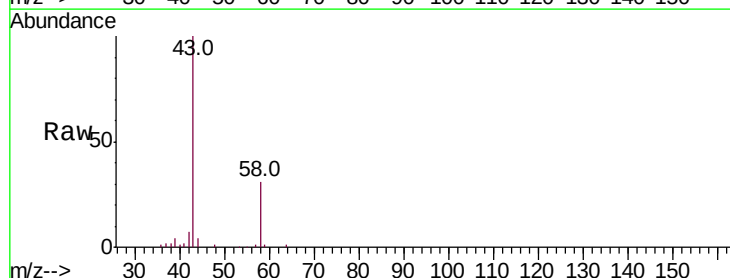
Acq: 04 Oct 2018 23:30

Tgt Ion: 43 Resp: 63914

Ion Ratio Lower Upper

43 100

58 31.0 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

40000

30000

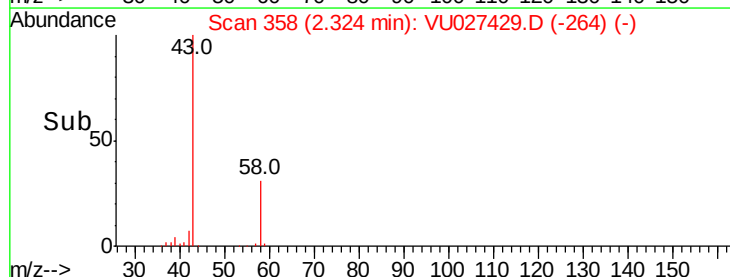
20000

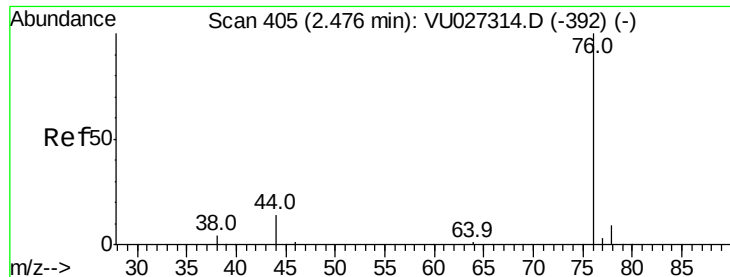
10000

0

2.25 2.30 2.35 2.40

Time-->





#17

Carbon Disulfide

Concen: 4.060 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-092718FD-W

Tot Ion: 76 Resp: 16632

Ion Ratio Lower Upper

76 100

78 9.2

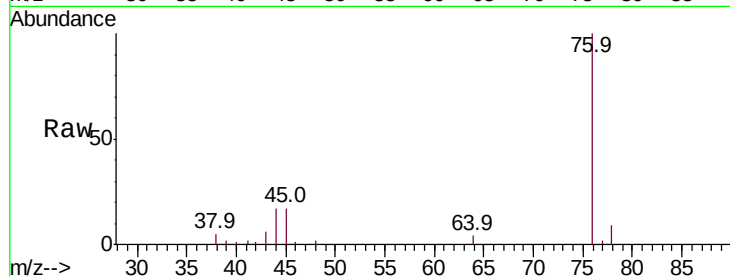
7.3 10.9

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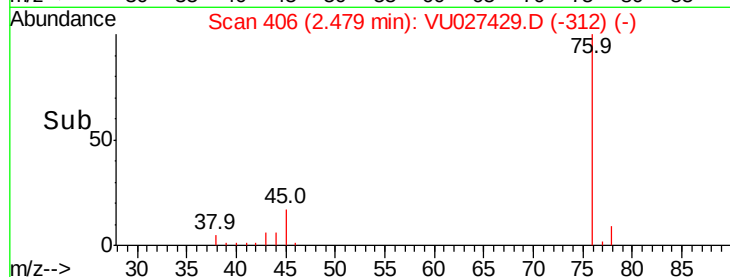


Abundance Ion 75.90 (75.60 to 76.60): VU027314.D (-392) (-)

Ion 77.90 (77.60 to 78.60): VU027314.D (-392) (-)

2.48

Time-->

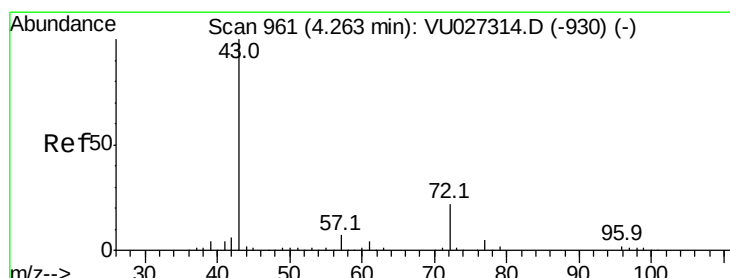


Abundance Ion 75.90 (75.60 to 76.60): VU027429.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU027429.D (-312) (-)

2.48

Time-->



#25

2-Butanone

Concen: 7.230 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.01 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

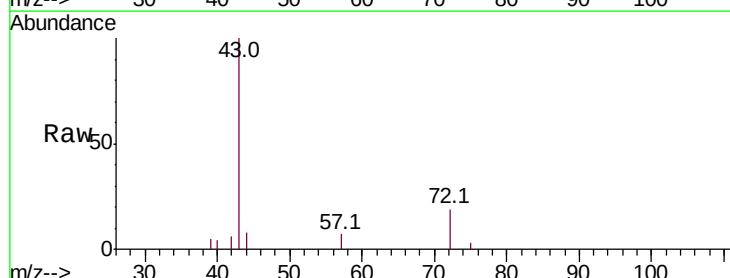
Tgt Ion: 43 Resp: 10458

Ion Ratio Lower Upper

43 100

72 19.4

17.8 26.6

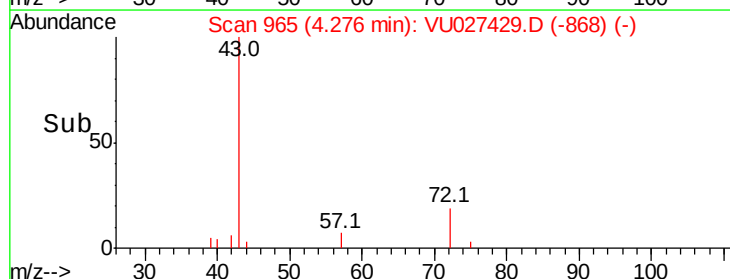


Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-930) (-)

Ion 72.00 (71.70 to 72.70): VU027314.D (-930) (-)

4.28

Time-->

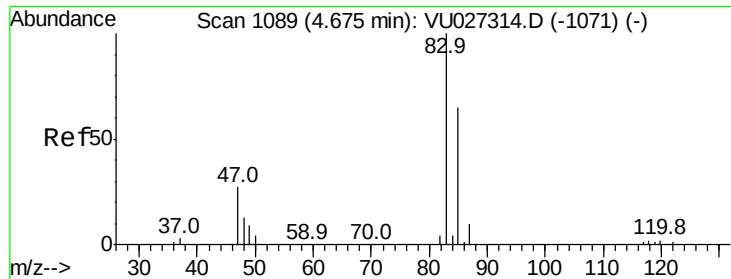


Abundance Ion 43.00 (42.70 to 43.70): VU027429.D (-868) (-)

Ion 72.00 (71.70 to 72.70): VU027429.D (-868) (-)

4.28

Time-->



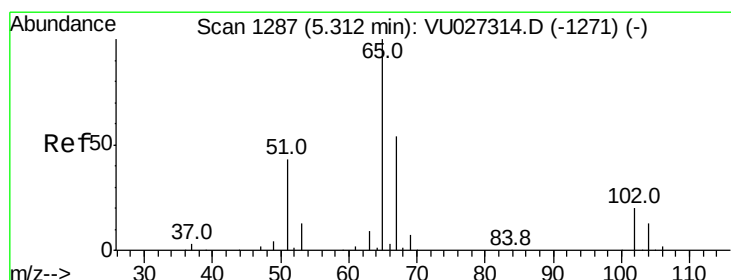
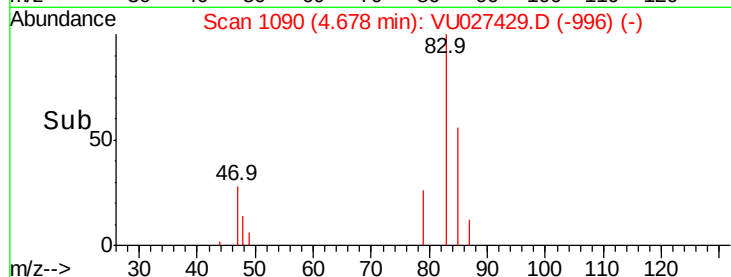
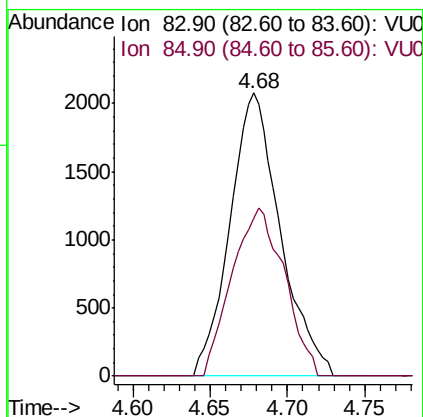
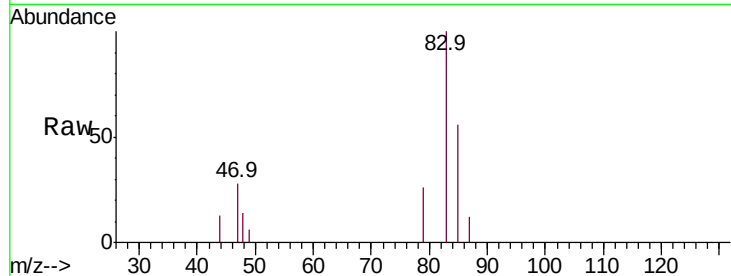
#30
Chloroform
Concen: 1.879 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

Tot Ion: 83 Resp: 4704
Ion Ratio Lower Upper
83 100
85 55.9 51.8 77.6

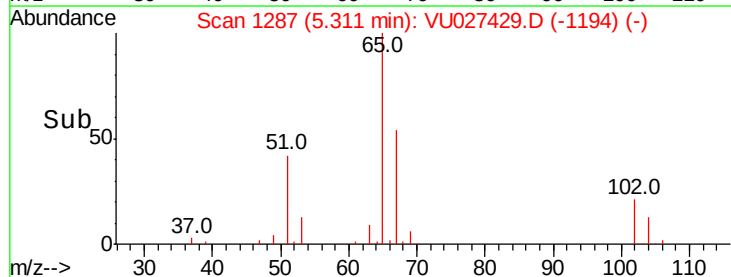
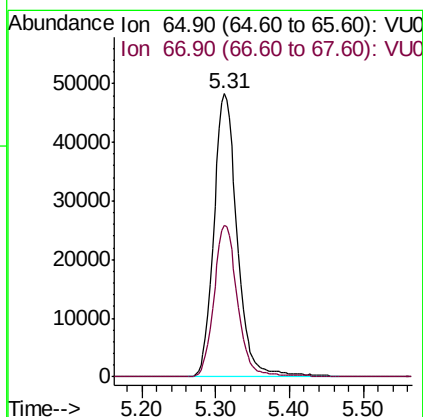
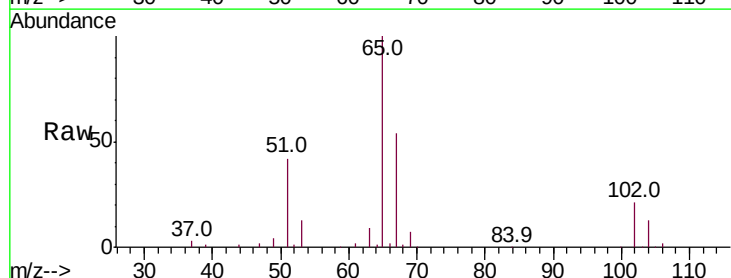
Manual Integrations
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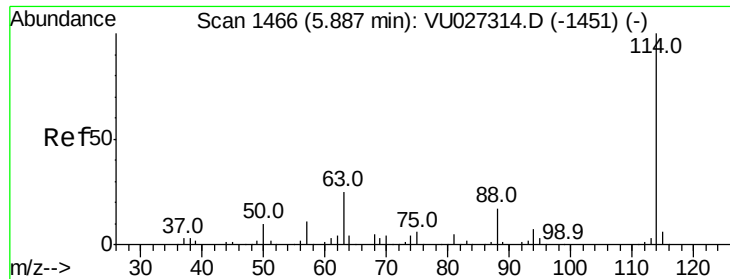
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#33
1,2-Dichloroethane-d4
Concen: 59.225 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 65 Resp: 106345
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.8





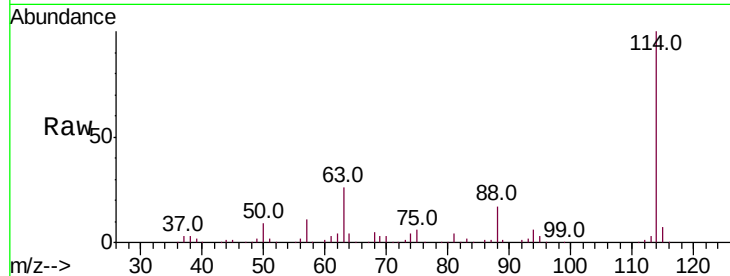
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-092718FD-W

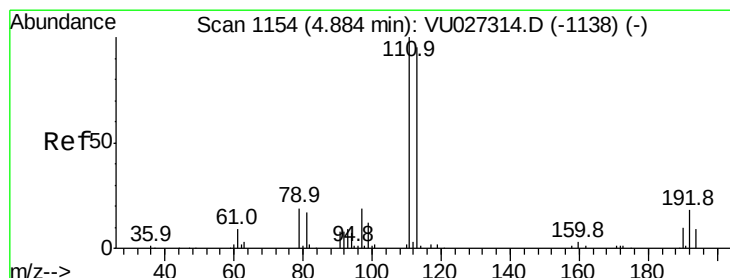
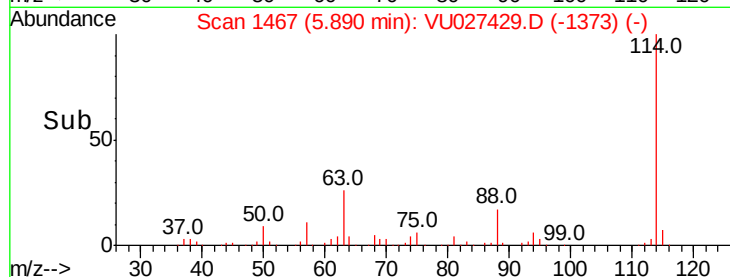
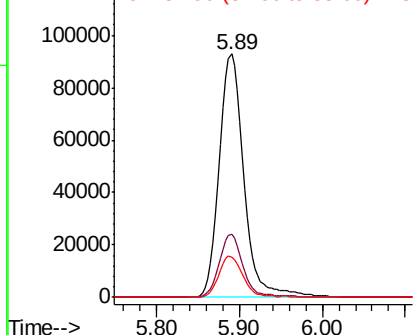
Tot Ion	Ratio	Resp	Lower	Upper
114	100	191980		
63	25.8	0.0	50.2	
88	16.6	0.0	33.8	

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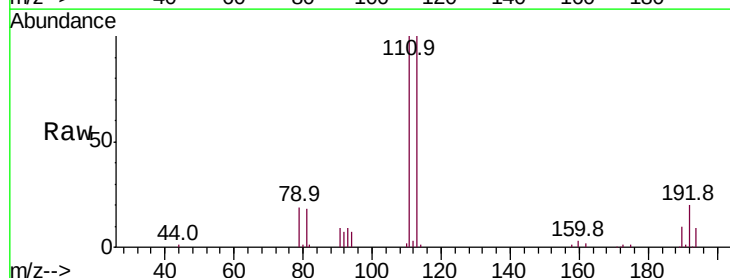


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

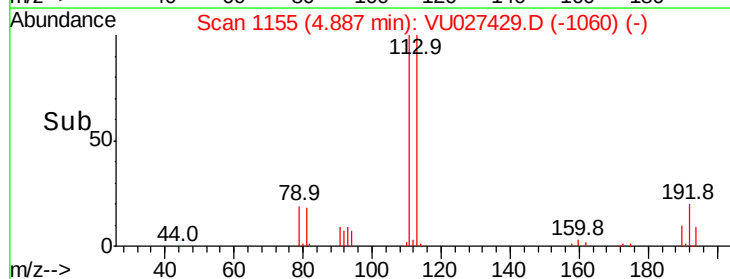
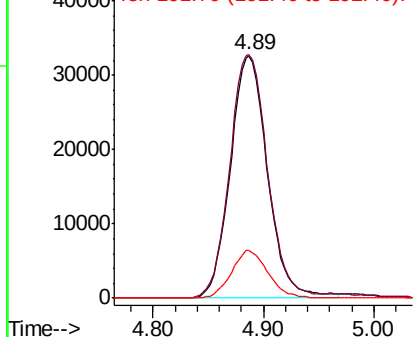


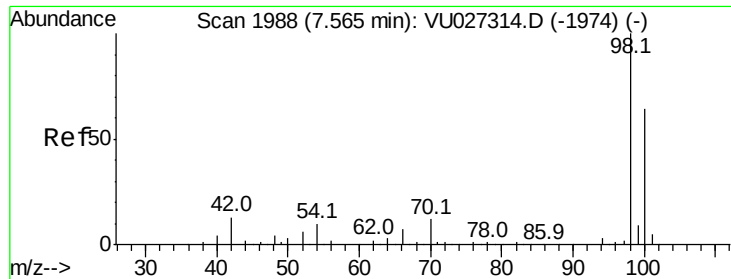
#35
 Dibromofluoromethane
 Concen: 57.858 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	76124		
111	102.3	83.1	124.7	
192	19.2	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





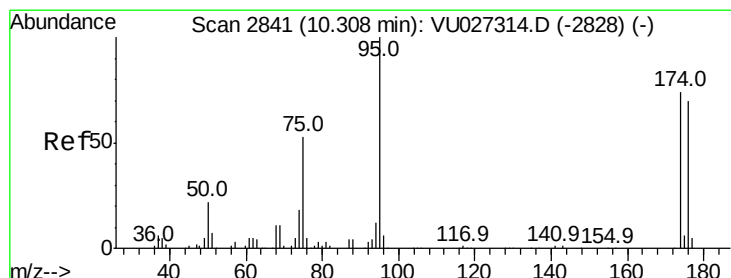
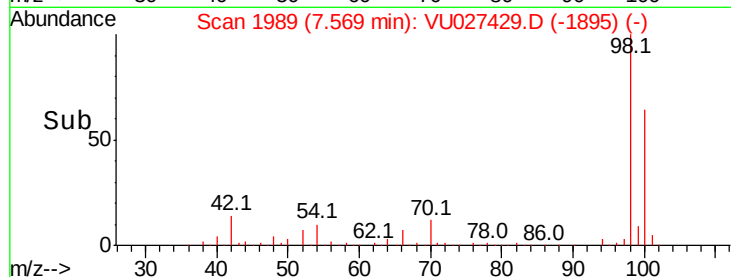
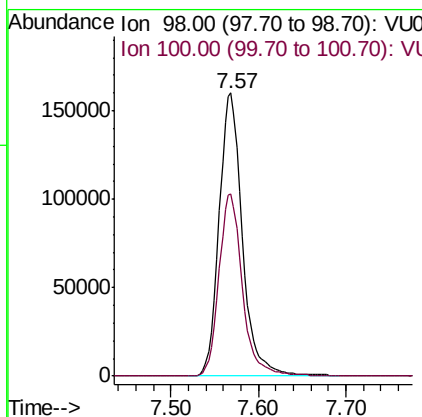
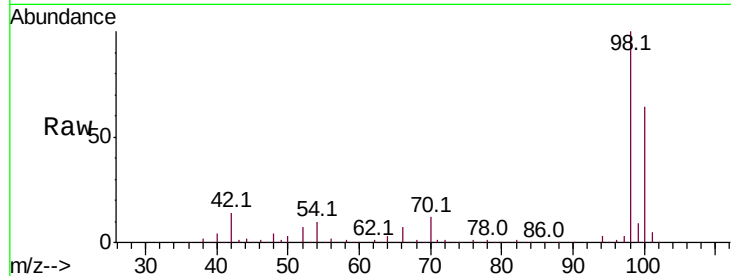
#50
Toluene-d8
Concen: 60.031 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

Tot Ion: 98 Resp: 295607
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

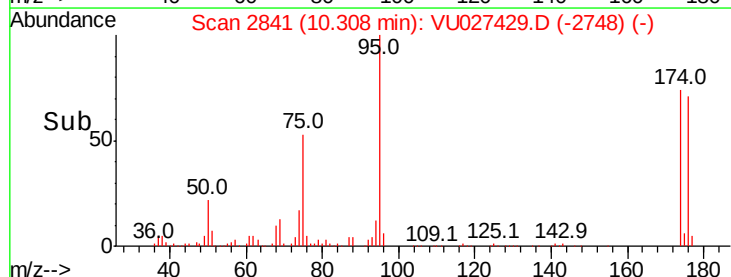
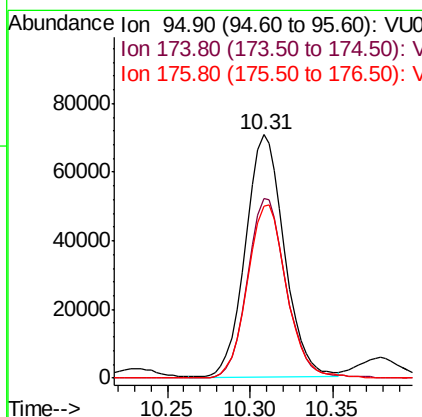
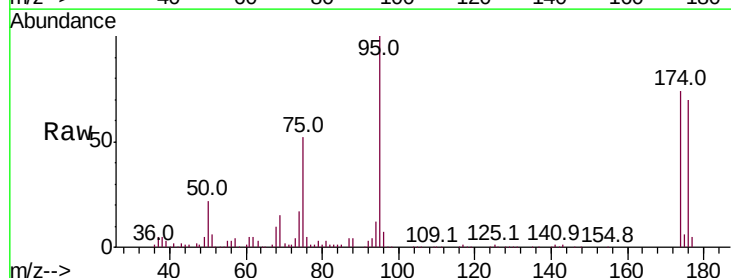
Manual Integrations
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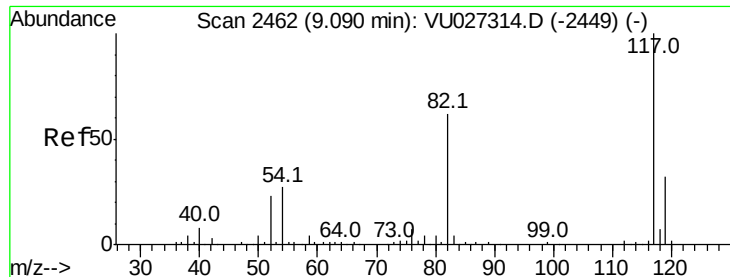
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#62
4-Bromofluorobenzene
Concen: 62.921 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 95 Resp: 115148
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.8
176 72.3 0.0 140.8





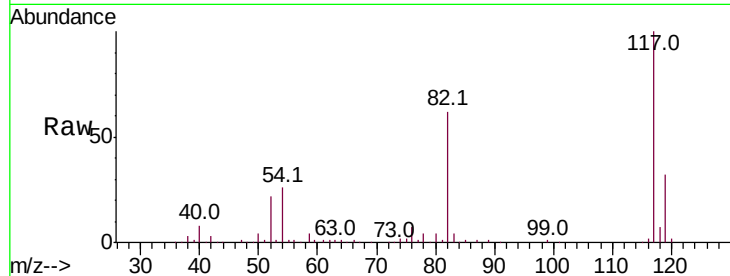
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

Tot Ion	Ratio	Resp	Lower	Upper
117	100	188211		
82	61.7	49.2	73.8	
119	32.2	25.7	38.5	

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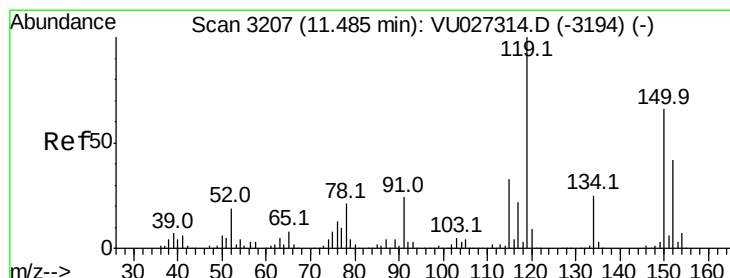
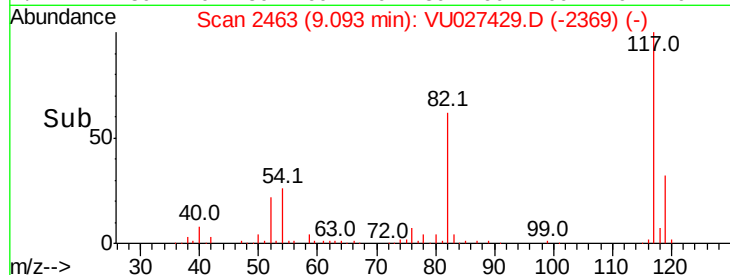
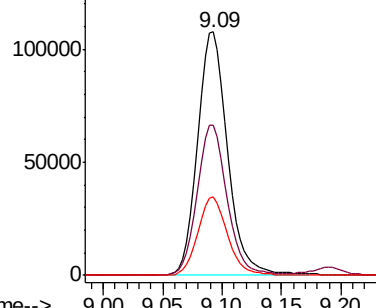


Abundance

Ion 116.90 (116.60 to 117.60): V

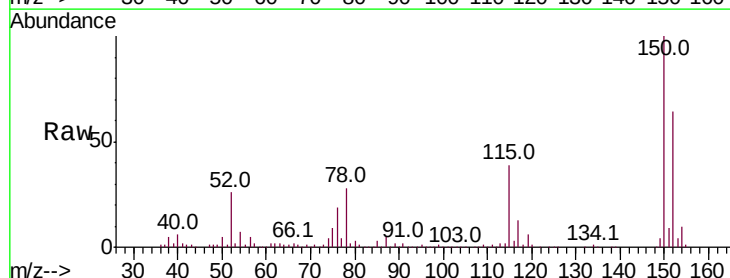
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	108122		
115	61.2	43.4	130.2	
150	156.0	0.0	349.2	

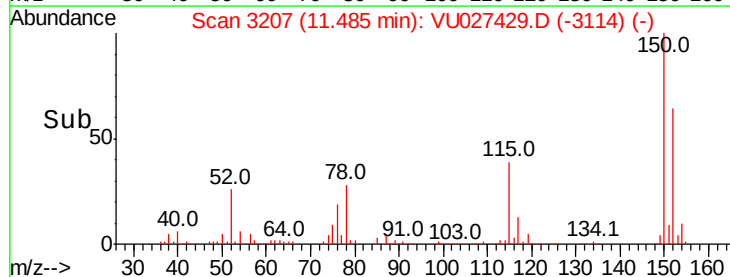
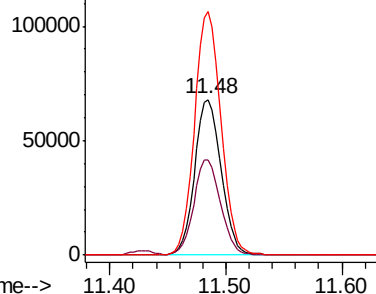


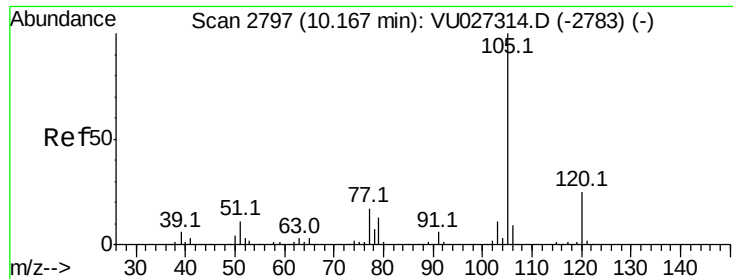
Abundance

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





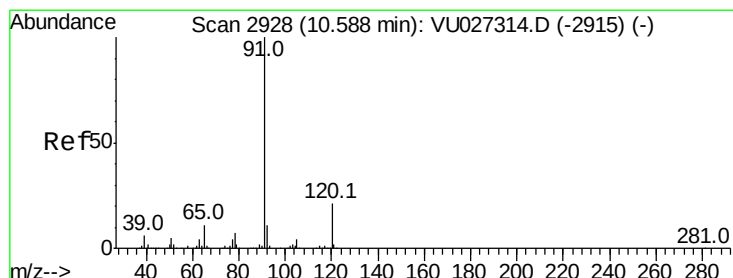
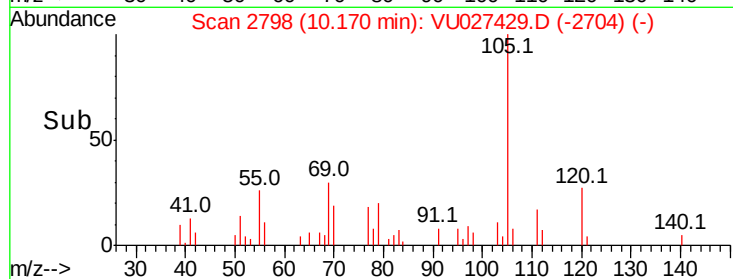
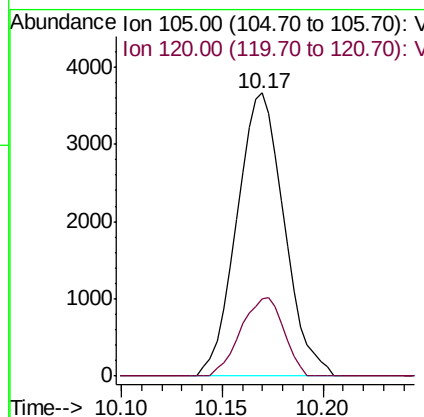
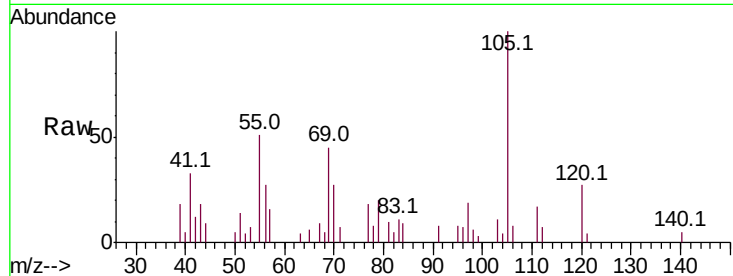
#73
Isopropylbenzene
Concen: 0.766 ug/l
RT: 10.17 min Scan# 2798
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.6	37.8

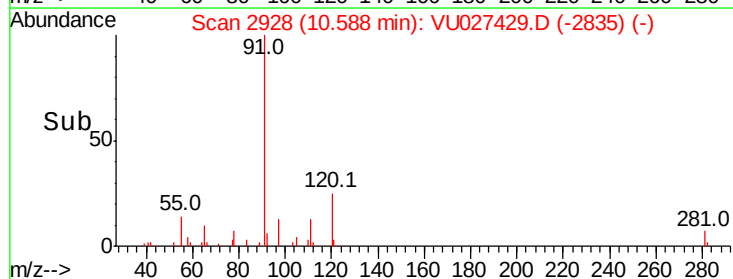
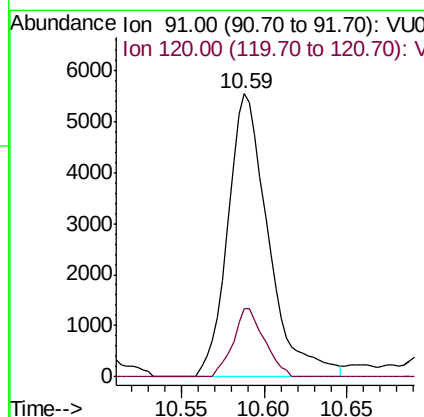
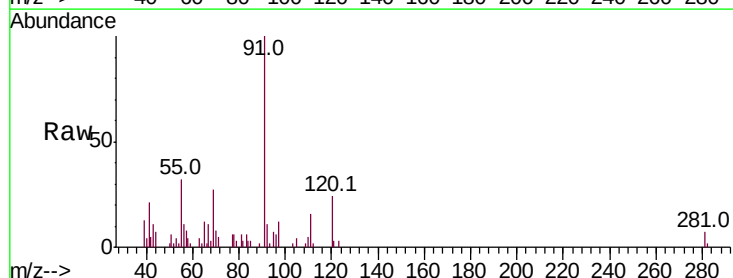
Manual Integrations
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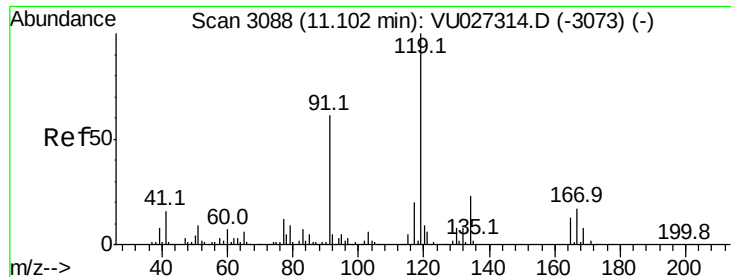
MMDadoda
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#78
n-propylbenzene
Concen: 1.003 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	18.6	10.6	31.8





#83

tert-Butylbenzene

Concen: 3.703 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

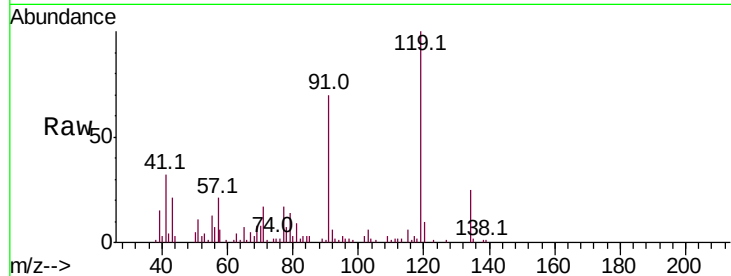
ClientSampleId :

EP1-MW-092718FD-W

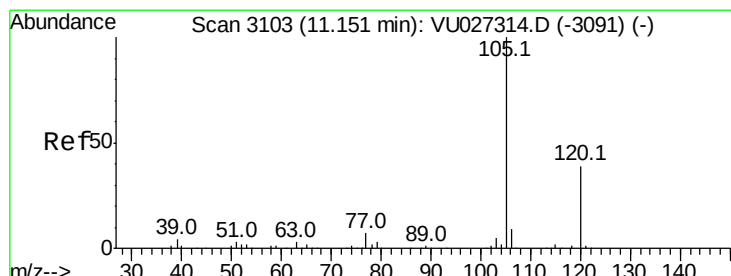
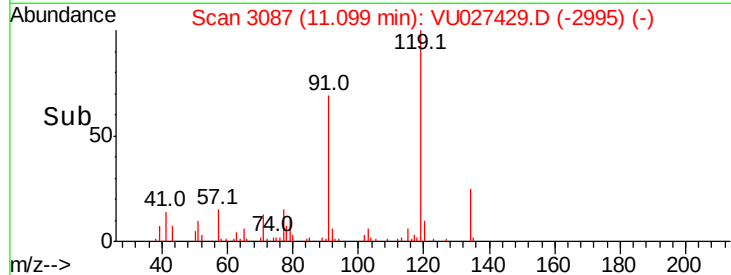
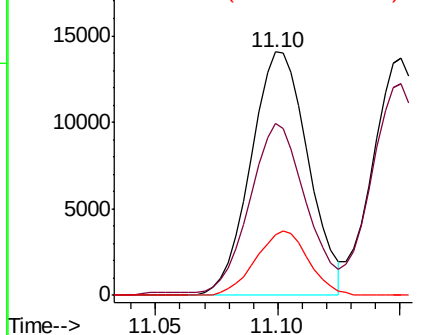
Tot Ion:	119	Resp:	22888
Ion Ratio	Lower	Upper	
119	100		
91	70.7	30.3	91.0
134	24.4	11.5	34.4

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 26.616 ug/l

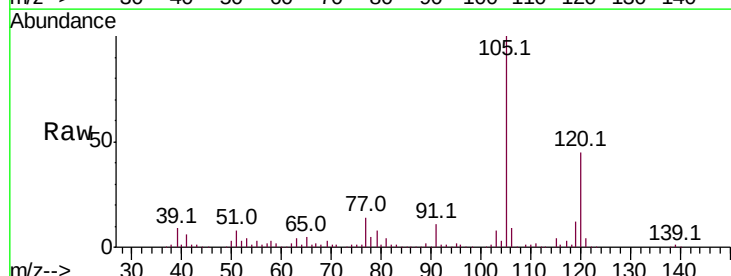
RT: 11.15 min Scan# 3103

Delta R.T. -0.00 min

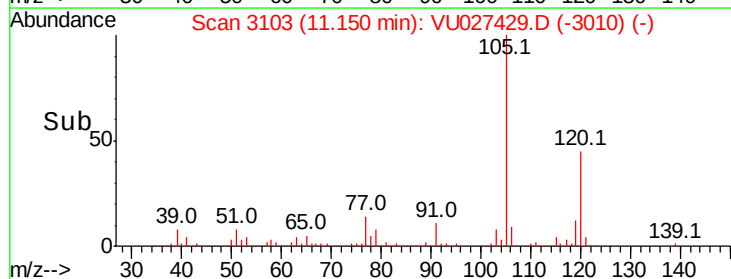
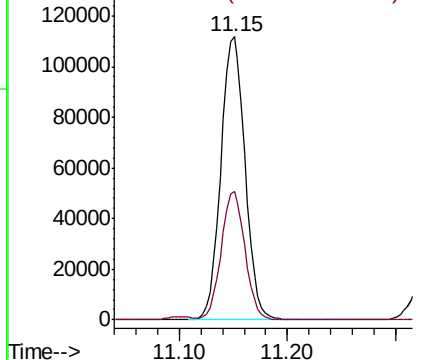
Lab File: VU027429.D

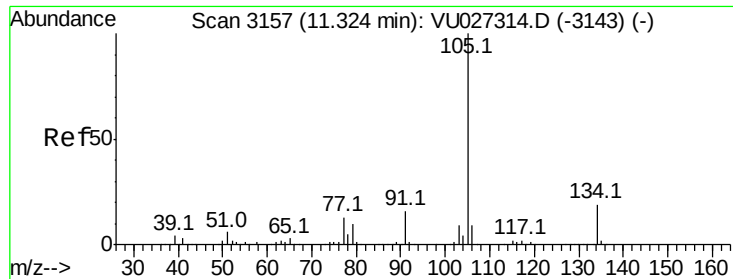
Acq: 04 Oct 2018 23:30

Tgt Ion:	105	Resp:	173822
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.1	66.5



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





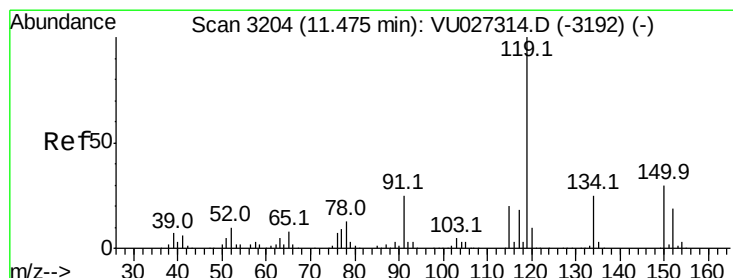
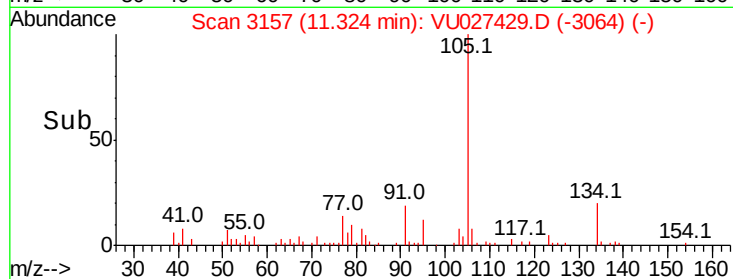
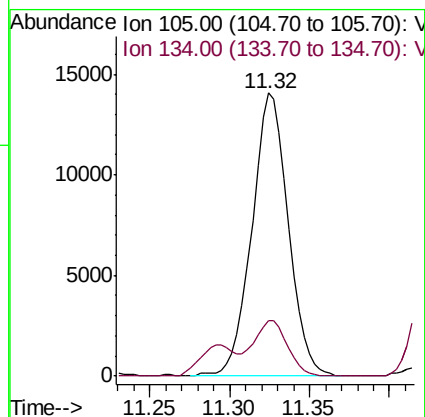
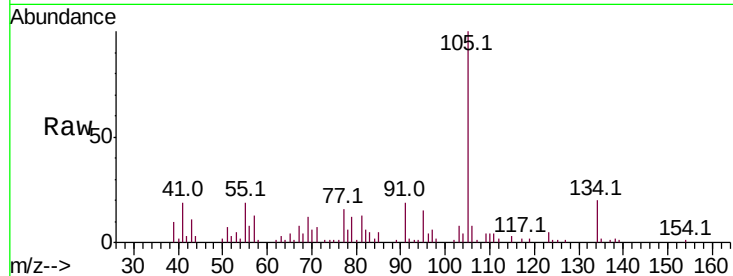
#85
 sec-Butylbenzene
 Concen: 2.826 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-092718FD-W

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.1	9.6	28.6

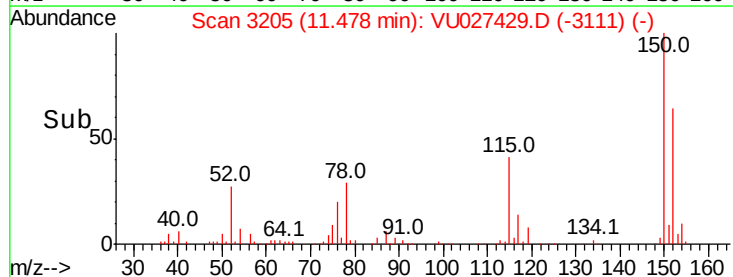
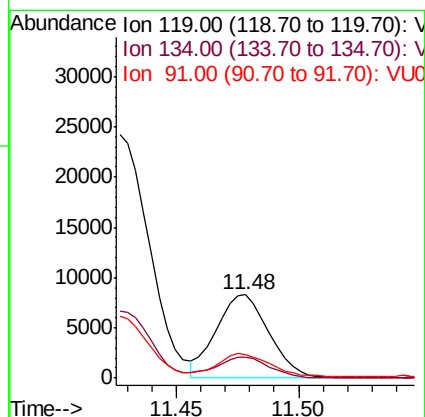
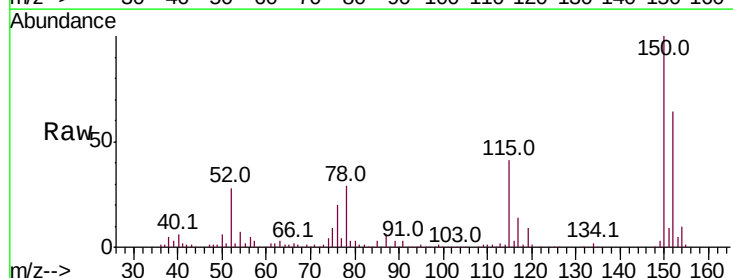
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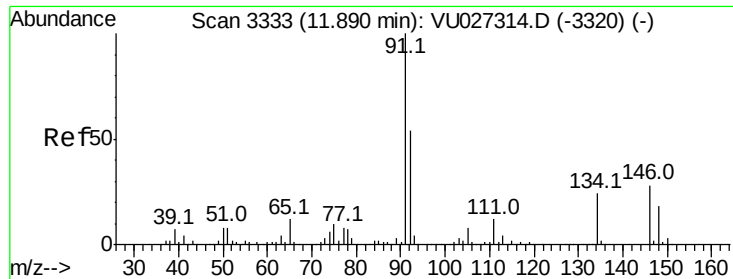
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#86
 p-Isopropyltoluene
 Concen: 1.887 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.7	38.1
91	26.8	12.2	36.4





#89

n-Butylbenzene

Concen: 2.713 ug/l m

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-092718FD-W

Tot Ion:	91	Resp:	5620
Ion Ratio	Lower	Upper	
91	100		
92	0.0	27.0	81.0#
134	288.5	11.7	35.1#

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