

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028044.D
 Acq On : 09 Nov 2018 15:00
 Operator : MD/SY
 Sample : J5885-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-1

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:02:04 PM

Quant Time: Nov 12 07:04:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	401095	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	367917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	164425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	175001	56.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.42%	
35) Dibromofluoromethane	4.89	113	124400	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	7.57	98	528994	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
62) 4-Bromofluorobenzene	10.31	95	180901	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	173645	54.852	ug/l	99
12) 1,1-Dichloroethene	2.29	96	23064	10.603	ug/l	96
16) Acetone	2.32	43	9803	5.120	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	595618	237.268	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	31972556m	11357.777	ug/l	
44) Trichloroethene	6.20	130	15937811	5773.003	ug/l	91
52) Toluene	7.64	92	7083	0.938	ug/l	96
64) Tetrachloroethene	8.24	164	19772310m	8287.937	ug/l	
65) Chlorobenzene	9.12	112	3642	0.469	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.21	131	1121	0.422	ug/l #	56
78) n-propylbenzene	10.59	91	4970	0.326	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	3074	0.567	ug/l	94

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

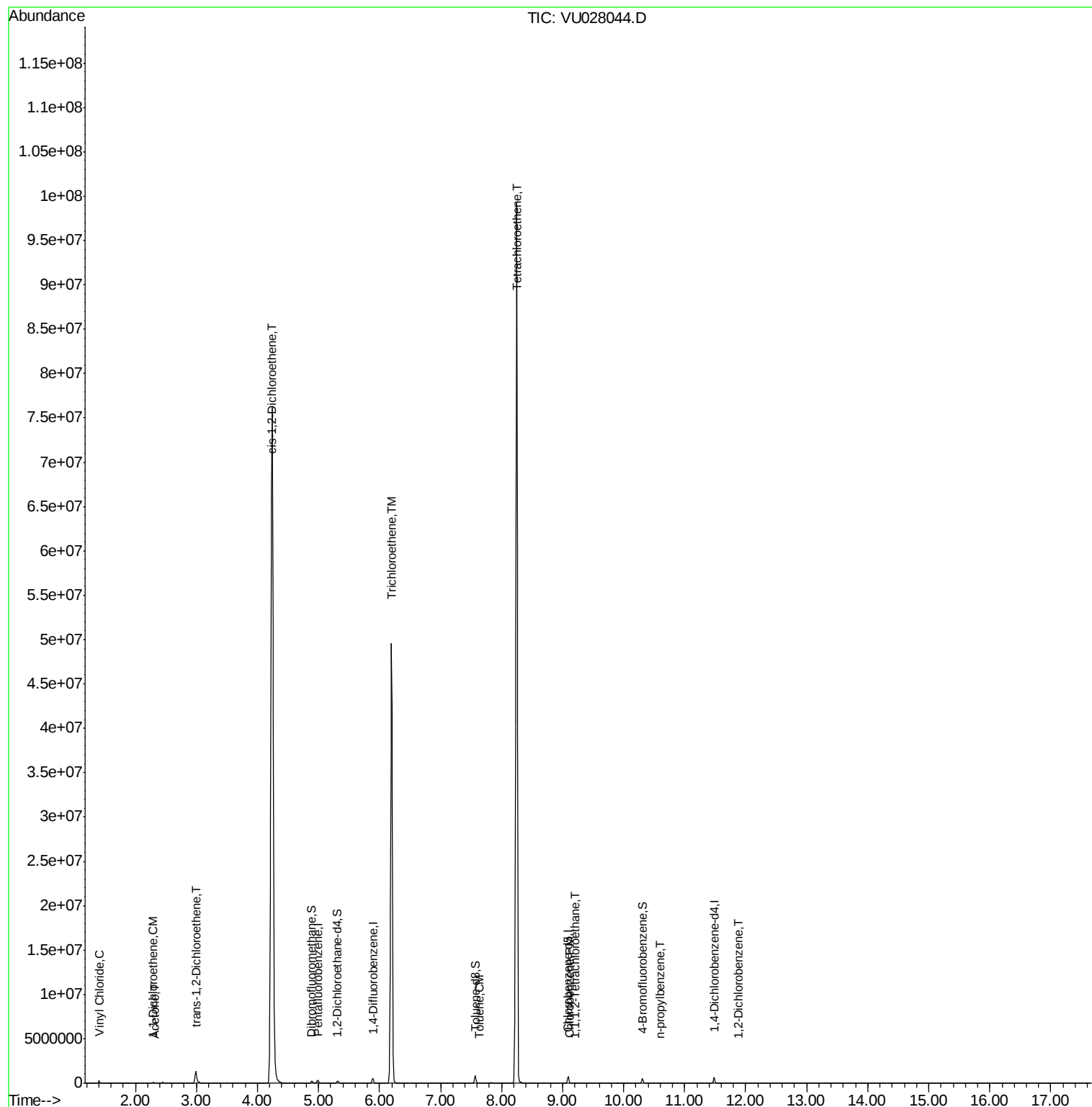
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110918\
Data File : VU028044.D
Acq On : 09 Nov 2018 15:00
Operator : MD/SY
Sample : J5885-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RW-1

Manual Integrations
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Quant Time: Nov 12 07:04:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 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: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampled :

RW-1

Tot Ion:168 Resp: 207550

Ion Ratio Lower Upper

168 100

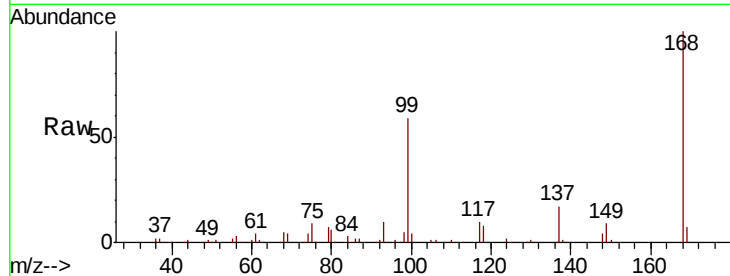
99 58.4 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

100000

80000

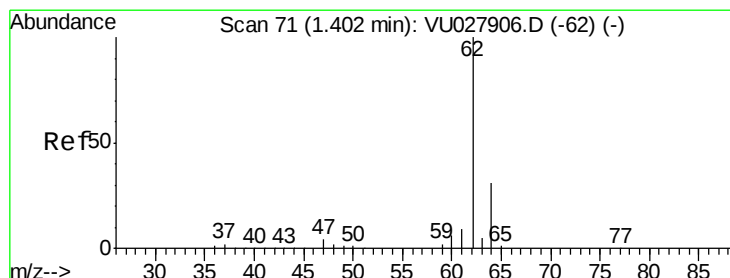
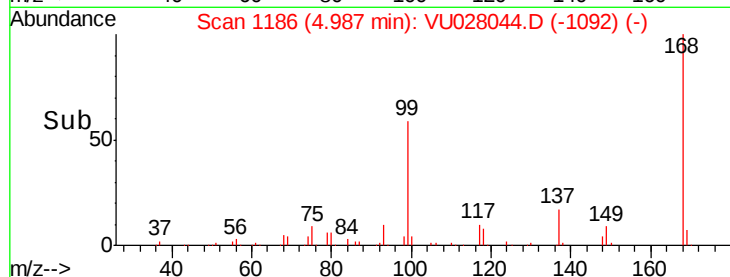
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 54.852 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028044.D

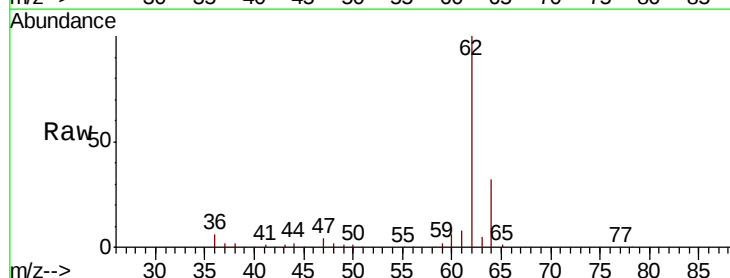
Acq: 09 Nov 2018 15:00

Tgt Ion: 62 Resp: 173645

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU027906.D (-62) (-)

1.40

200000

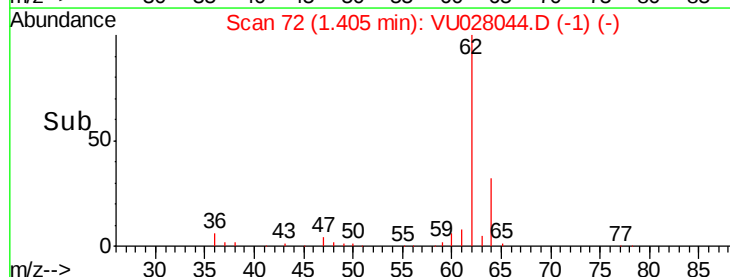
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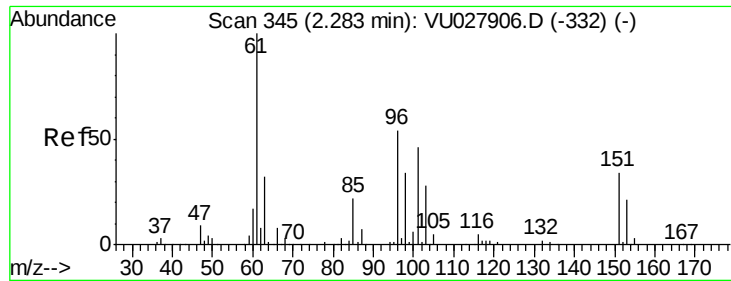
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50000

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Time-->





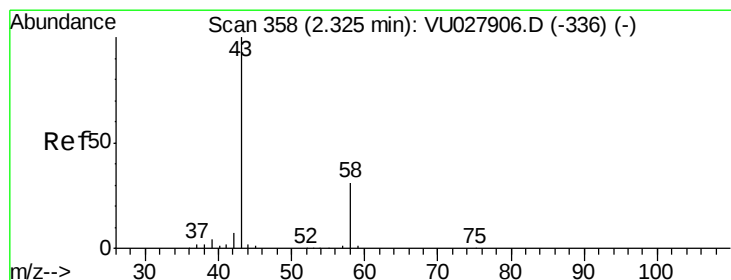
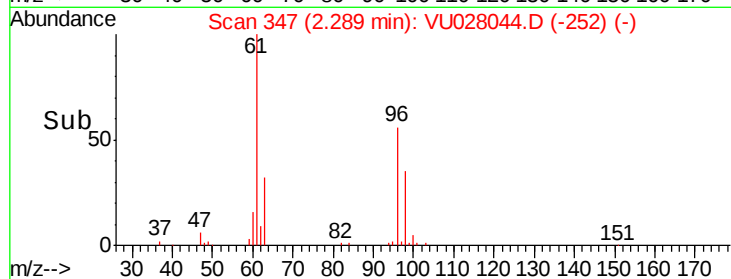
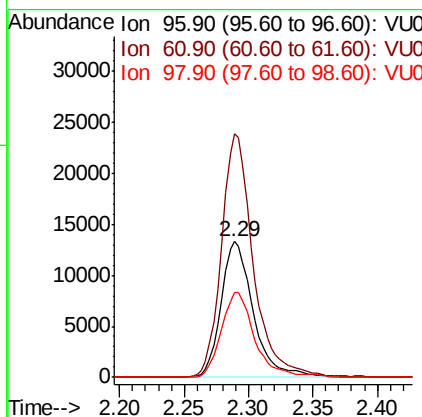
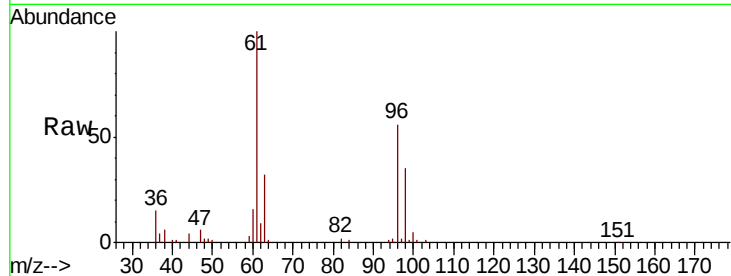
#12
 1,1-Dichloroethene
 Concen: 10.603 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. 0.01 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Instrument :
 MSVOA_U
 ClientSampled :
 RW-1

Tot Ion	Ratio	Lower	Upper
96	100		
61	179.4	149.3	223.9
98	62.3	50.6	75.8

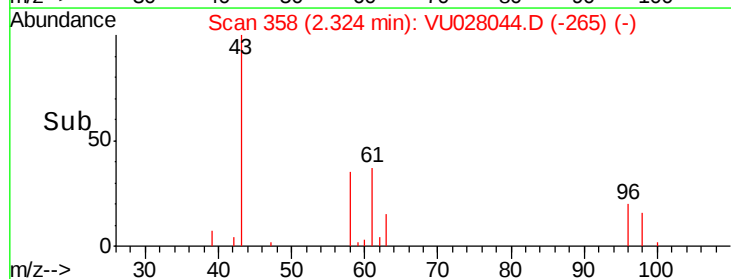
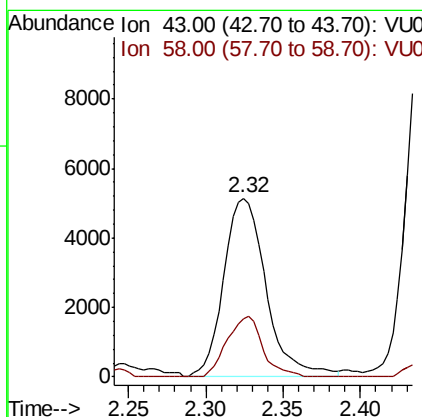
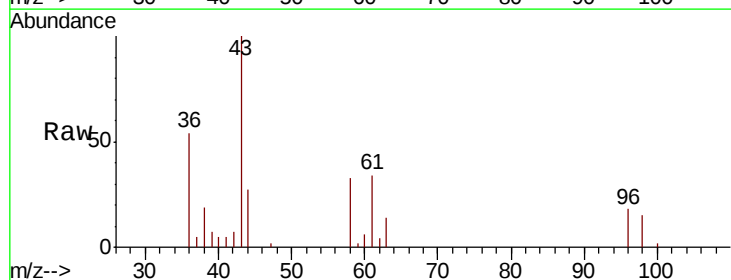
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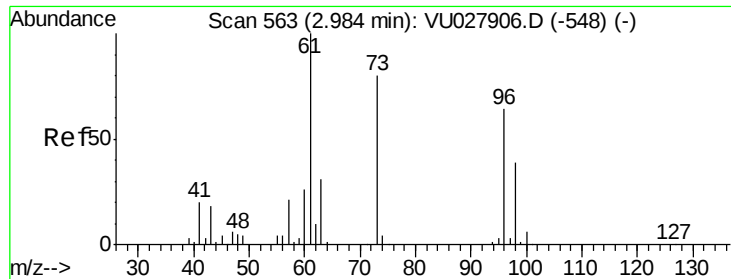
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#16
 Acetone
 Concen: 5.120 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. -0.00 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.6	37.0





#21

trans-1,2-Dichloroethene

Concen: 237.268 ug/l

RT: 2.99 min Scan# 565

Delta R.T. 0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

RW-1

Tot Ion: 96 Resp: 595618

Ion Ratio Lower Upper

96 100

61 157.9 125.0 187.6

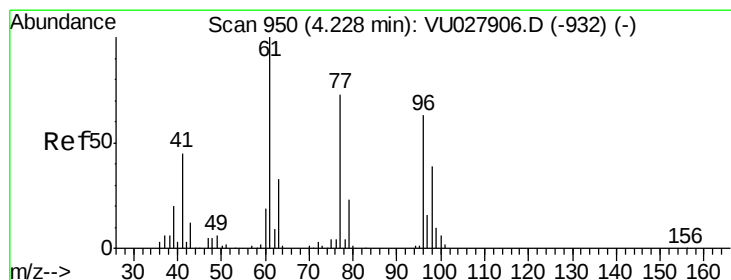
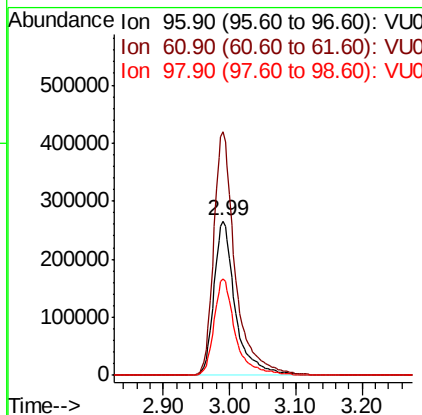
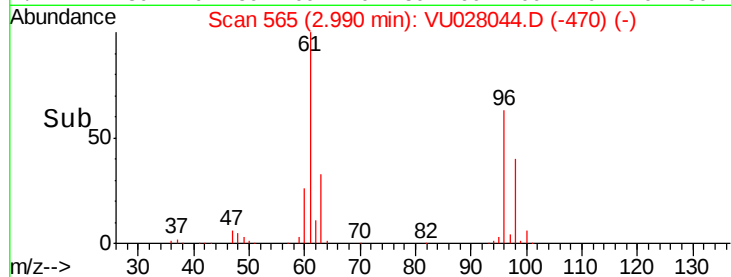
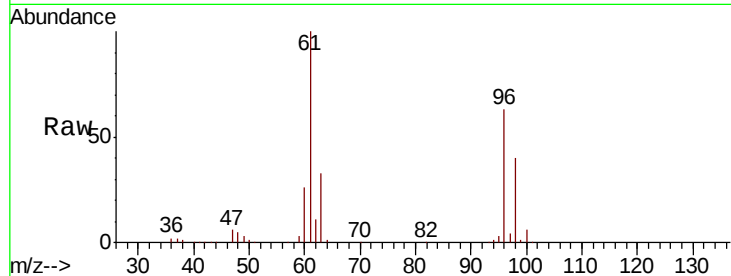
98 63.0 48.2 72.4

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 11357.777 ug/l m

RT: 4.22 min Scan# 948

Delta R.T. -0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

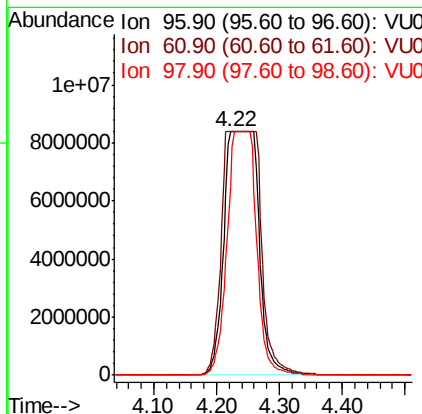
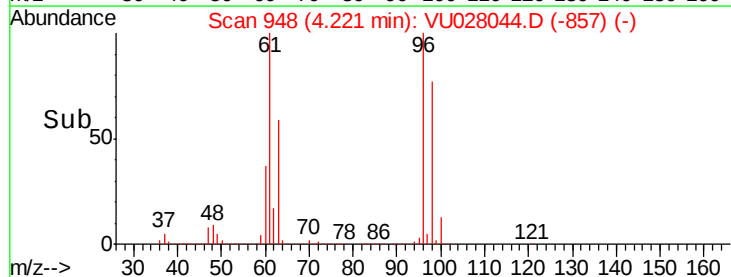
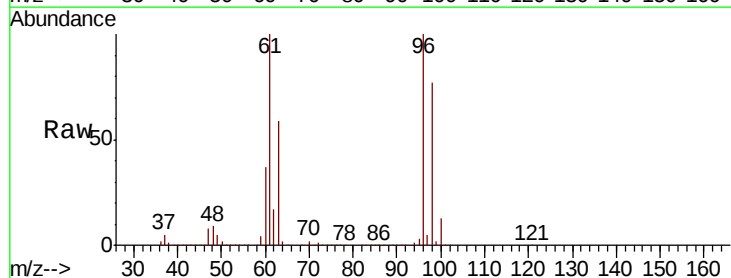
Tgt Ion: 96 Resp: 31972556

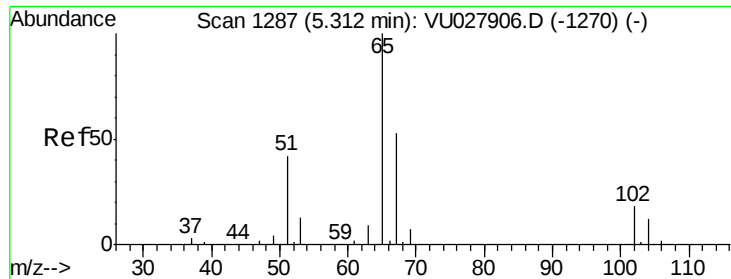
Ion Ratio Lower Upper

96 100

61 0.0 0.0 329.6

98 0.0 0.0 127.2





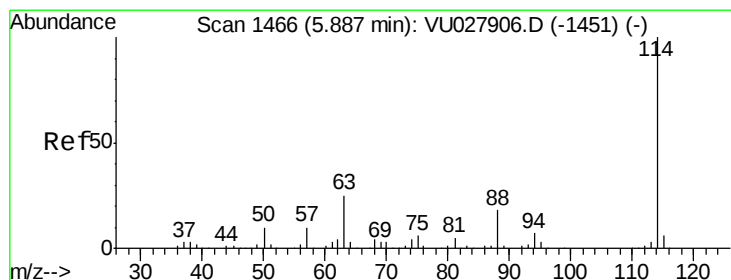
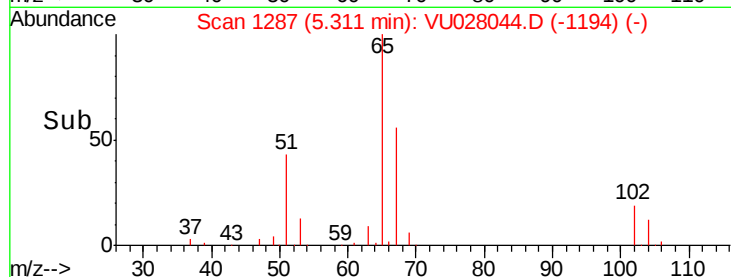
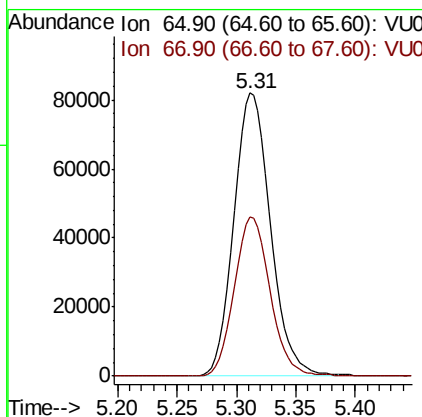
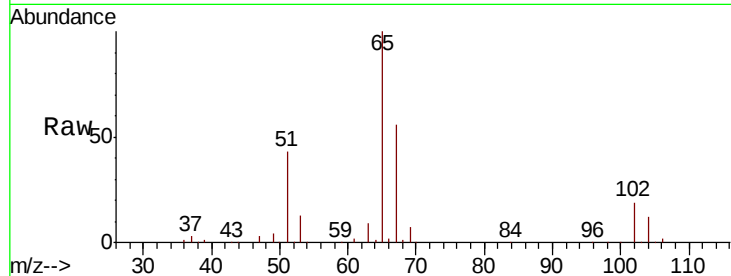
#33
 1,2-Dichloroethane-d4
 Concen: 56.713 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Instrument :
 MSVOA_U
 ClientSampled :
 RW-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175001		
67	55.2		0.0	109.0

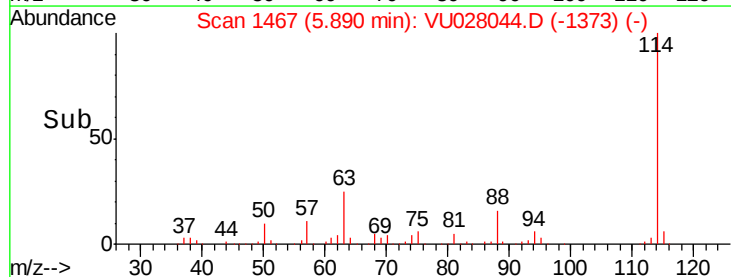
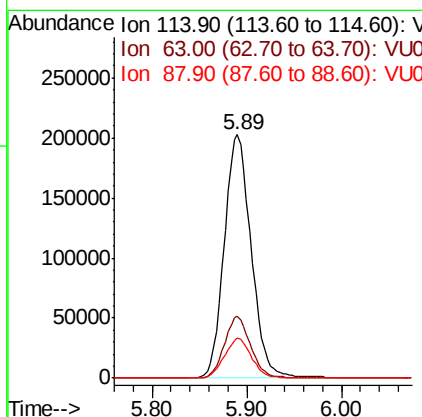
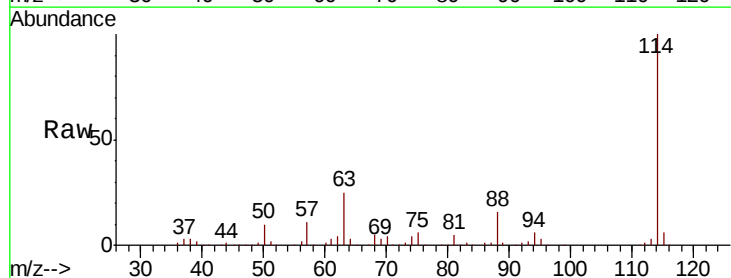
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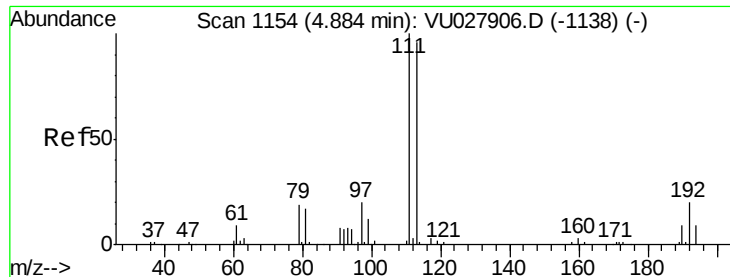
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	401095		
63	25.3		0.0	50.8
88	16.4		0.0	35.8





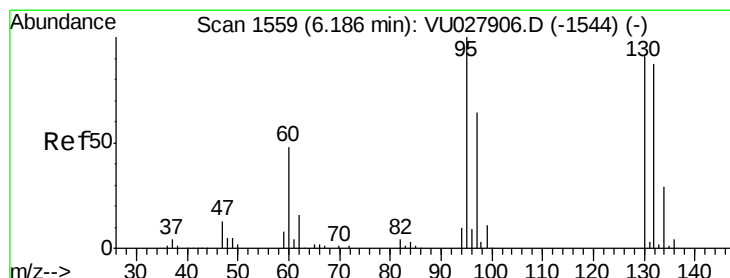
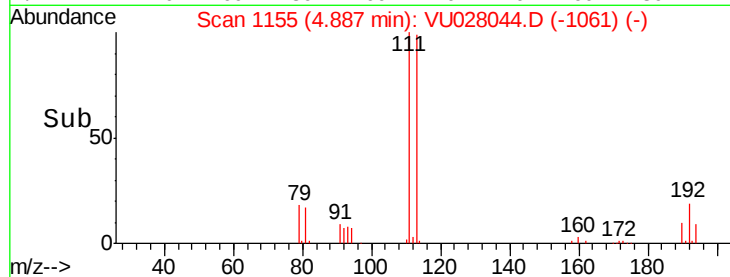
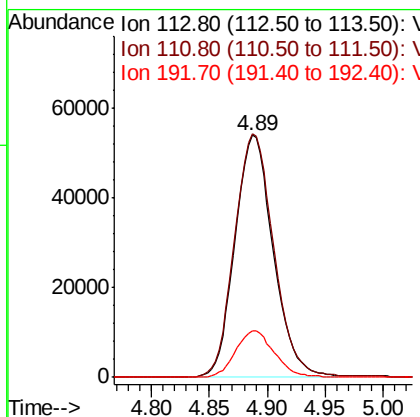
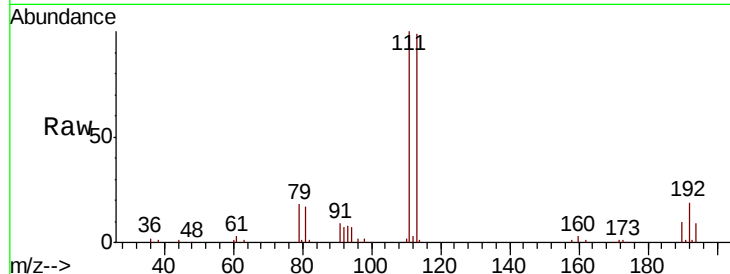
#35
 Dibromofluoromethane
 Concen: 49.190 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124400		
111	103.3	83.0	124.6	
192	19.4	15.6	23.4	

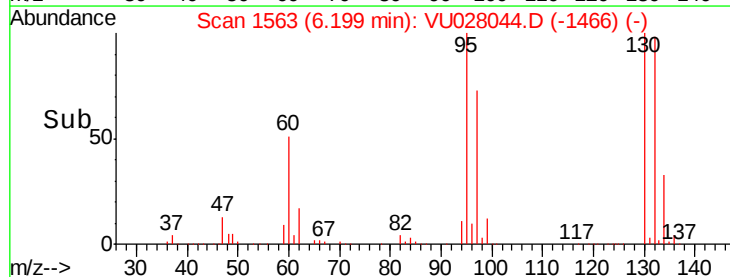
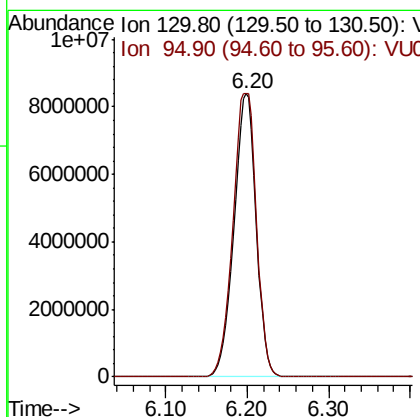
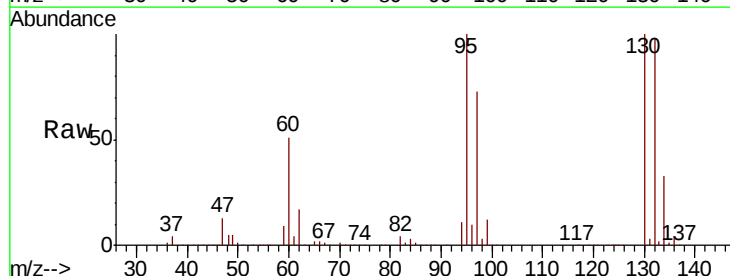
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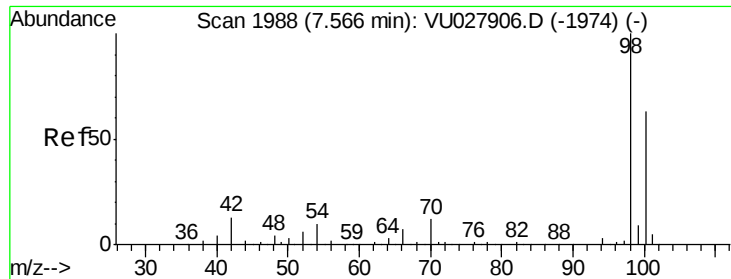
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#44
 Trichloroethene
 Concen: 5773.003 ug/l
 RT: 6.20 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	15937811		
95	100.0	0.0	219.2	





#50

Toluene-d8

Concen: 54.149 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampled :

RW-1

Tot Ion: 98 Resp: 528994

Ion Ratio Lower Upper

98 100

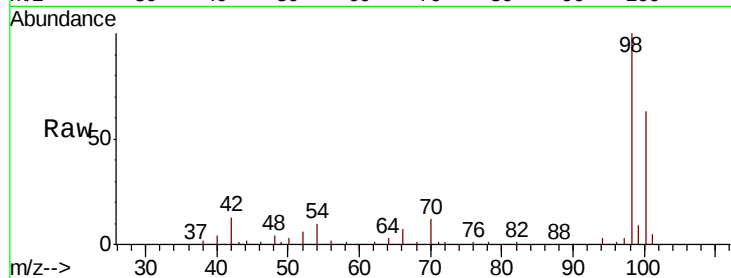
100 62.5 50.1 75.1

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

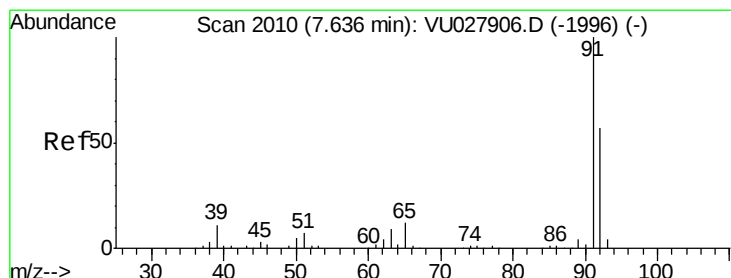
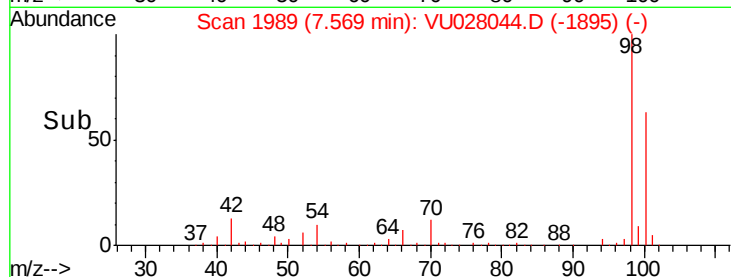
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 0.938 ug/l

RT: 7.64 min Scan# 2012

Delta R.T. 0.01 min

Lab File: VU028044.D

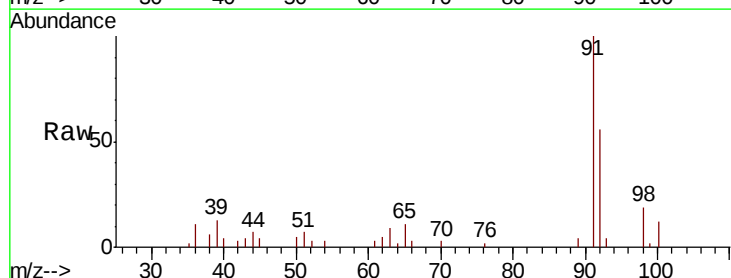
Acq: 09 Nov 2018 15:00

Tgt Ion: 92 Resp: 7083

Ion Ratio Lower Upper

92 100

91 182.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)

7.64

8000

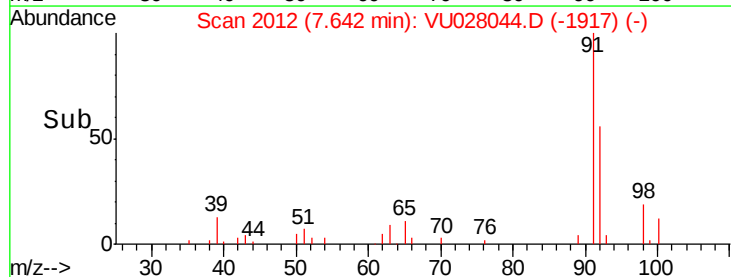
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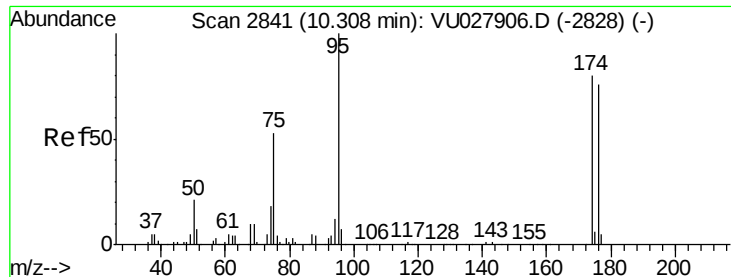
4000

2000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.204 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

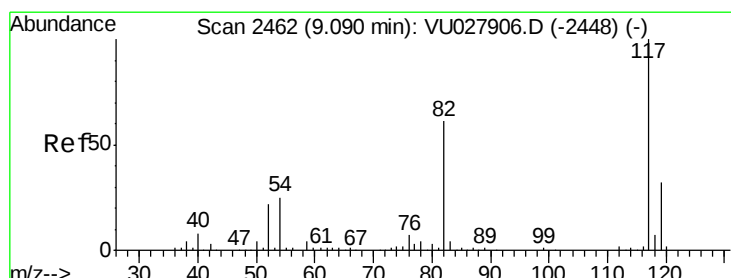
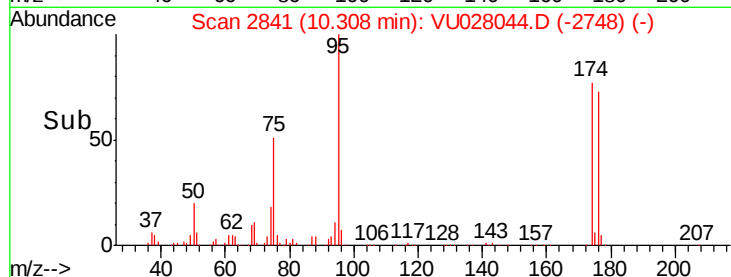
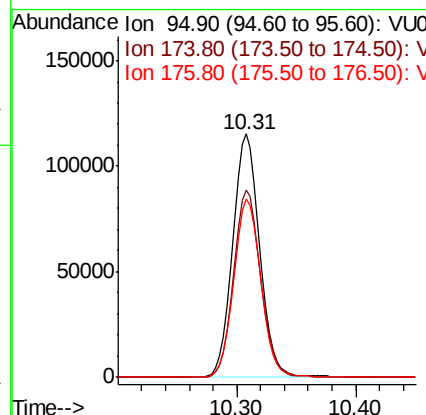
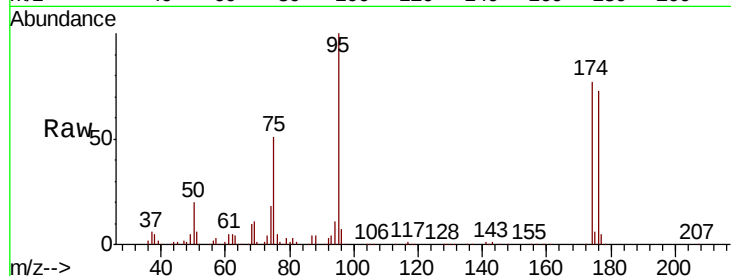
ClientSampled :

RW-1

Tot Ion:	95	Resp:	180901
Ion Ratio	Lower	Upper	
95	100		
174	77.1	0.0	156.4
176	73.8	0.0	150.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

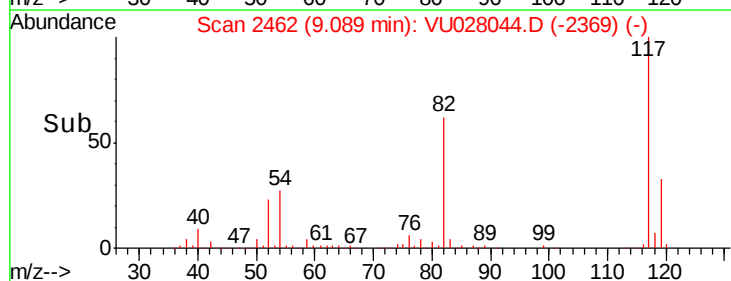
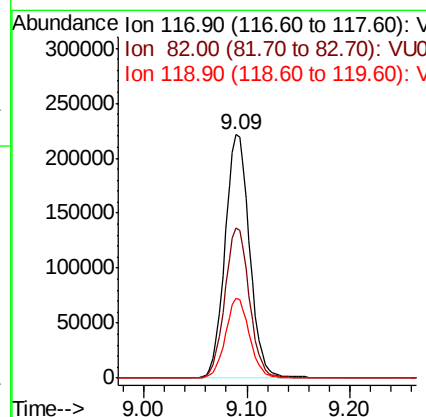
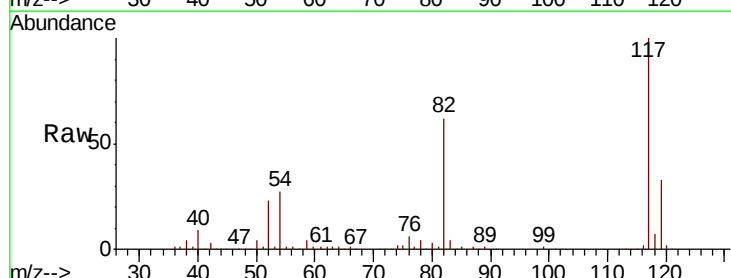
RT: 9.09 min Scan# 2462

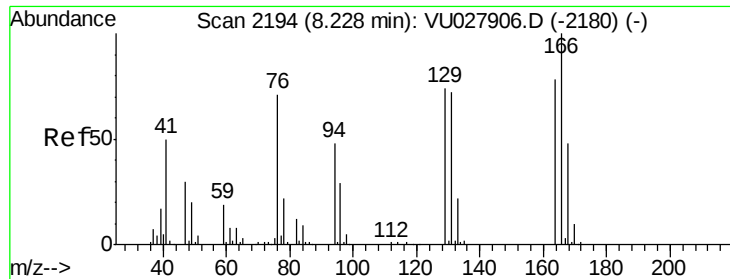
Delta R.T. -0.00 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Tgt Ion:	117	Resp:	367917
Ion Ratio	Lower	Upper	
117	100		
82	61.7	48.6	73.0
119	32.9	25.8	38.8





#64

Tetrachloroethene

Concen: 8287.937 ug/l m

RT: 8.24 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

RW-1

Tot Ion:164 Resp:19772310

Ion Ratio Lower Upper

164 100

166 100.0 102.1 153.1#

129 100.0 75.9 113.9

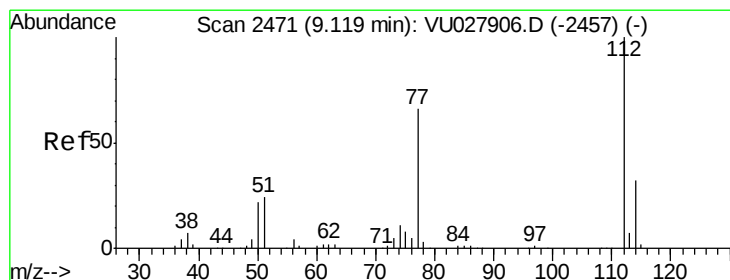
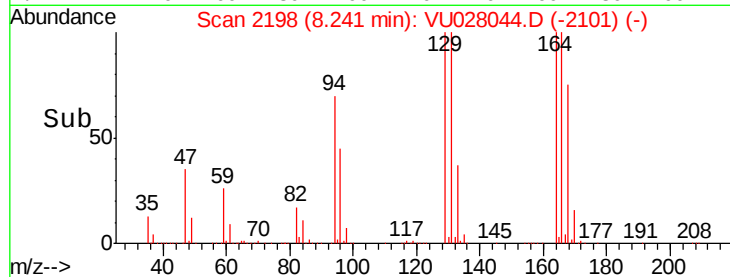
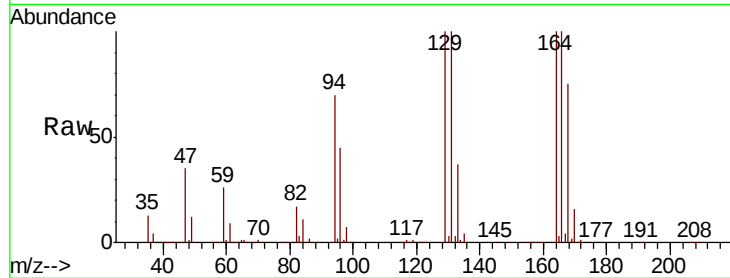
131 100.0 73.0 109.6

Manual Integrations

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#65

Chlorobenzene

Concen: 0.469 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU028044.D

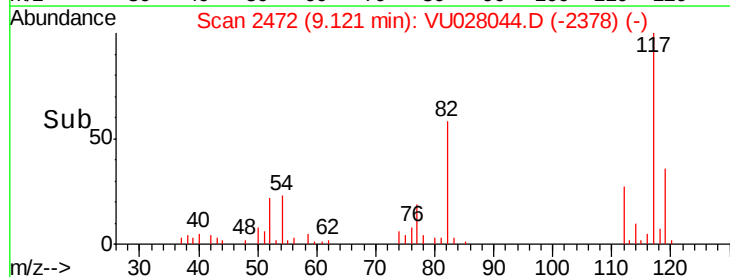
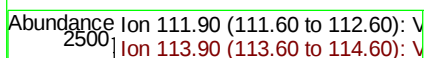
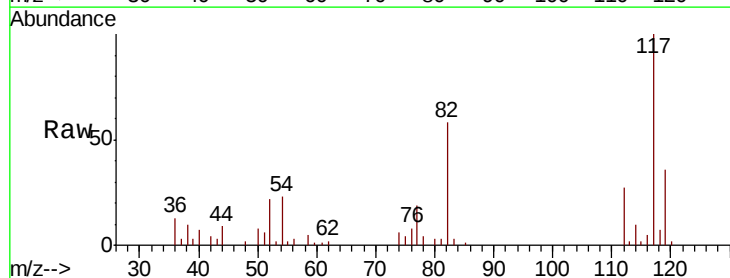
Acq: 09 Nov 2018 15:00

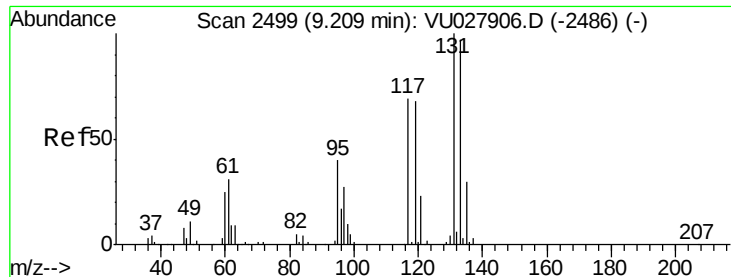
Tgt Ion:112 Resp: 3642

Ion Ratio Lower Upper

112 100

114 35.6 25.2 37.8





#66

1,1,1,2-Tetrachloroethane

Concen: 0.422 ug/l

RT: 9.21 min Scan# 2501

Delta R.T. 0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

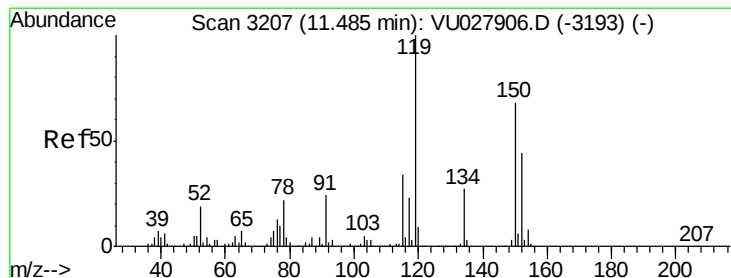
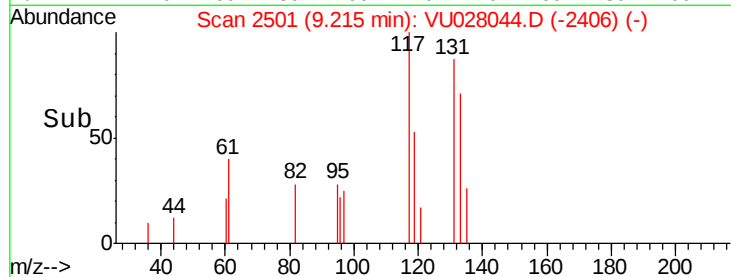
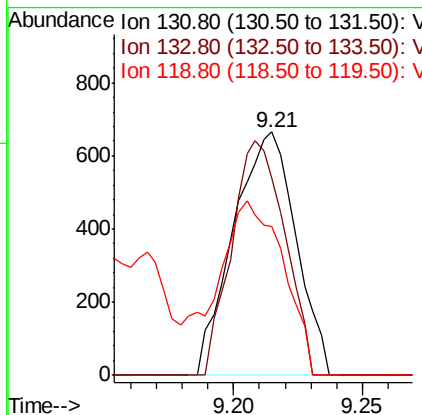
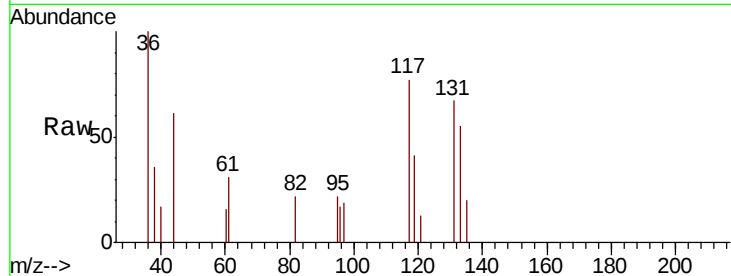
ClientSampled :

RW-1

Tot Ion	Ratio	Resp	Lower	Upper
131	100	1121		
133	81.7	48.1	144.4	
119	0.0	34.0	101.8	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

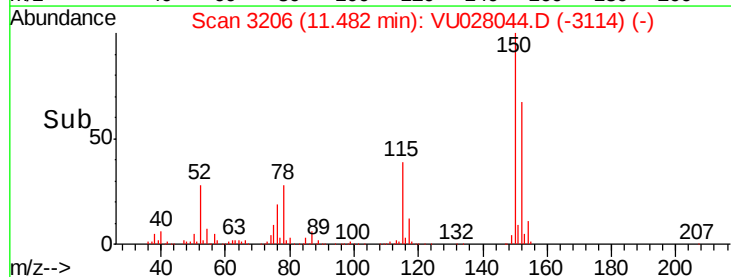
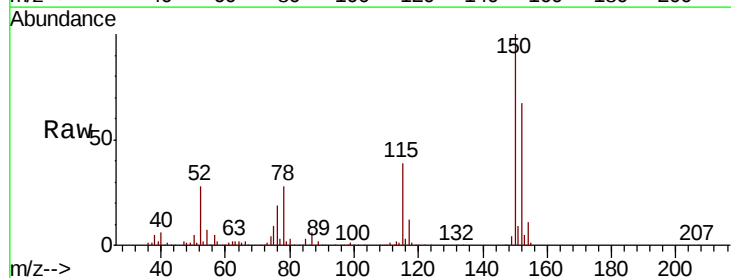
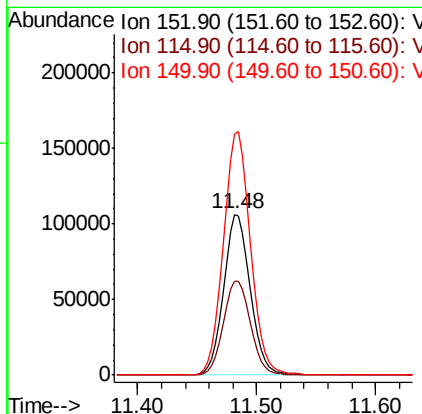
RT: 11.48 min Scan# 3206

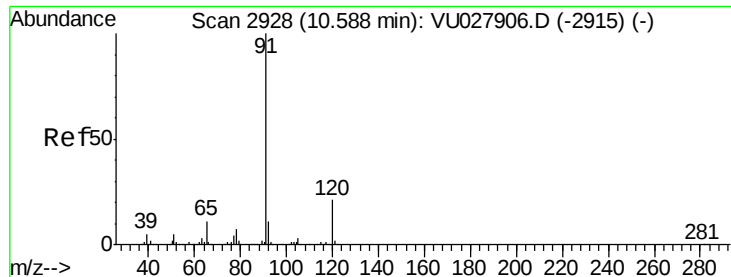
Delta R.T. -0.00 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	164425		
115	60.0	43.0	129.0	
150	154.3	0.0	349.4	





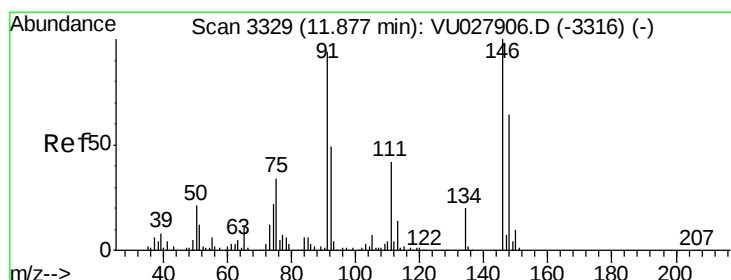
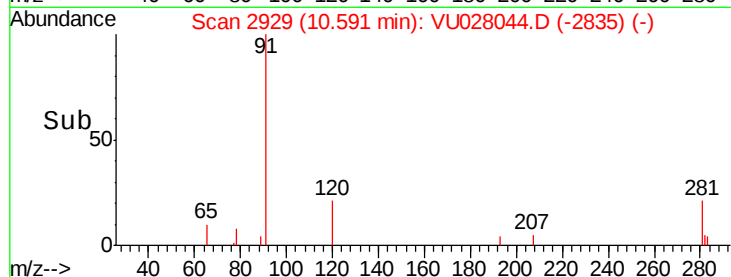
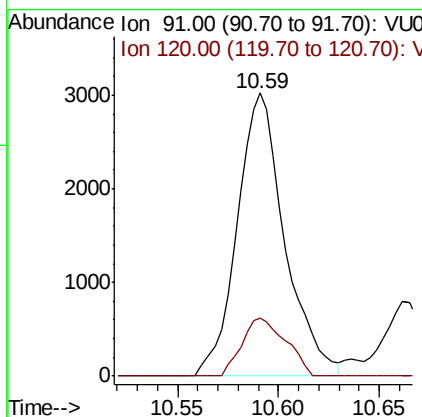
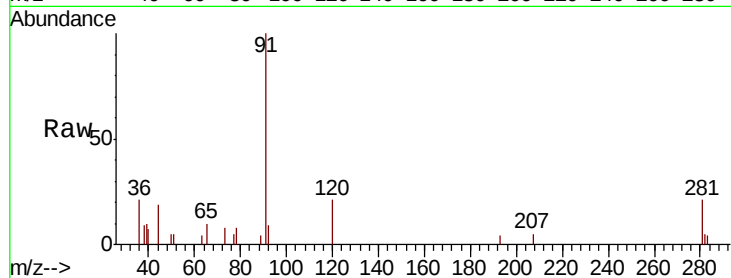
#78
n-propylbenzene
Concen: 0.326 ug/l
RT: 10.59 min Scan# 2929
Delta R.T. 0.00 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Instrument :
MSVOA_U
ClientSampled :
RW-1

Tot Ion: 91 Resp: 4970
Ion Ratio Lower Upper
91 100
120 19.0 10.6 31.8

Manual Integrations
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11/12/2018 12:02:04 PM



#91
1,2-Dichlorobenzene
Concen: 0.567 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. 0.01 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Tgt Ion: 146 Resp: 3074
Ion Ratio Lower Upper
146 100
111 46.4 21.3 64.0
148 59.2 31.8 95.3

