

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\
 Data File : VU026104.D
 Acq On : 14 Aug 2018 16:18
 Operator : MD/SY
 Sample : J4451-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ3

Manual Integrations
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Quant Time: Aug 16 09:17:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 01:50:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	266095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	262224	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68599	35.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.54%
7) Chloroethane-d5	1.67	69	63734	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.66%
11) 1,1-Dichloroethene-d2	2.27	63	106326	28.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.54%#
21) 2-Butanone-d5	4.18	46	164906	101.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.72%
24) Chloroform-d	4.65	84	53597	12.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	25.98%#
26) 1,2-Dichloroethane-d4	5.31	65	129402	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
32) Benzene-d6	5.35	84	342389	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
36) 1,2-Dichloropropane-d6	6.33	67	117774	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.40%
41) Toluene-d8	7.57	98	311565	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#
43) trans-1,3-Dichloropropene-	7.85	79	56958	42.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.82%
47) 2-Hexanone-d5	8.31	63	108226	90.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	7649	1.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	3.98%#
64) 1,2-Dichlorobenzene-d4	11.86	152	151065m	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%

Target Compounds

						Ovalue
13) Acetone	2.32	43	600039	595.84	ug/L	100
22) 2-Butanone	4.26	43	175765	120.62	ug/L	99
25) Chloroform	4.68	83	129660	37.50	ug/L	100
34) Trichloroethene	6.18	95	6484	3.32	ug/L	85
42) Toluene	7.64	91	21251	2.68	ug/L	97
51) Chlorobenzene	9.12	112	2056149	384.67	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	212256	48.60	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1256835	274.49	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1693228	364.20	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	1071612	388.19	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	269895	90.97	ug/L	99

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

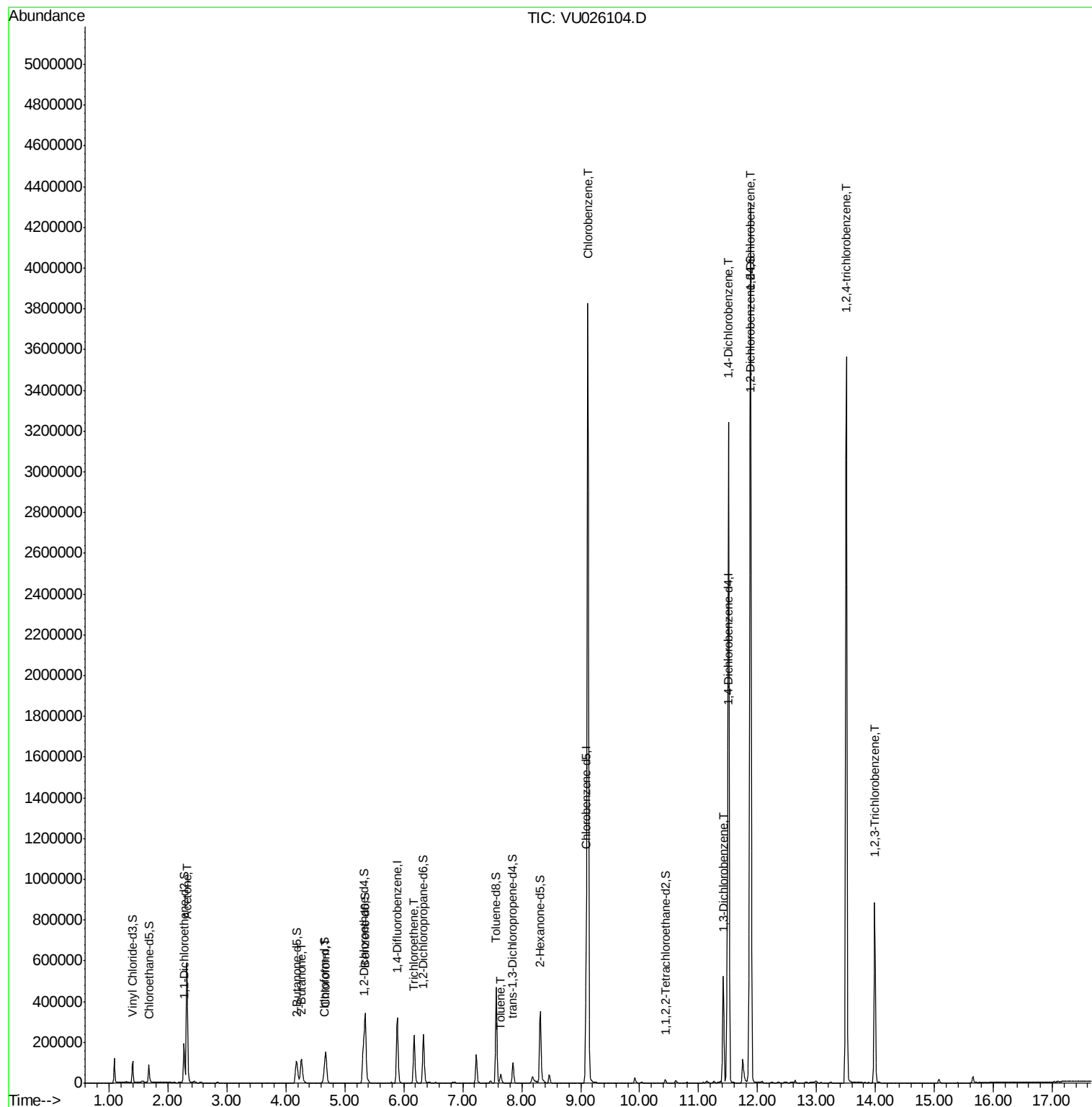
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081418\
Data File : VU026104.D
Acq On : 14 Aug 2018 16:18
Operator : MD/SY
Sample : J4451-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

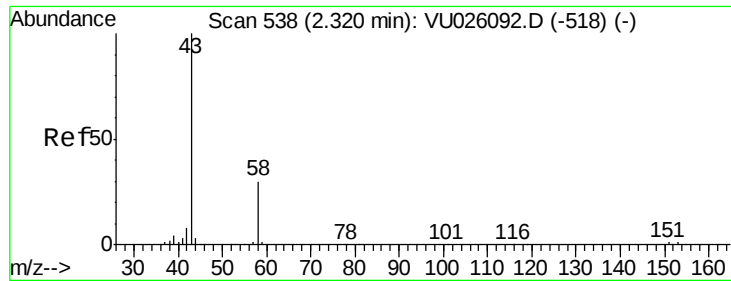
Instrument :
MSVOA_U
ClientSampleId :
A4ZJ3

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 01:50:34 2018
Response via : Initial Calibration





#13

Acetone

Concen: 595.84 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026104.D

Acq: 14 Aug 2018 16:18

Tot Ion: 43 Resp: 600039

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.8

Instrument :

MSVOA_U

ClientSampled :

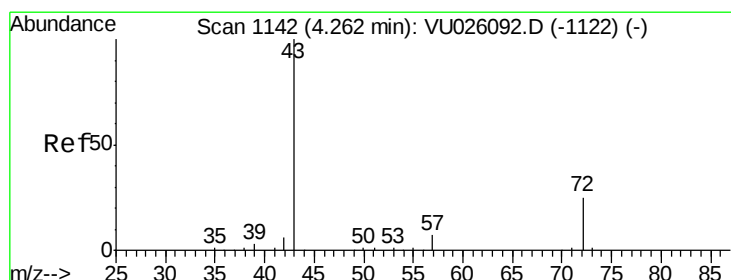
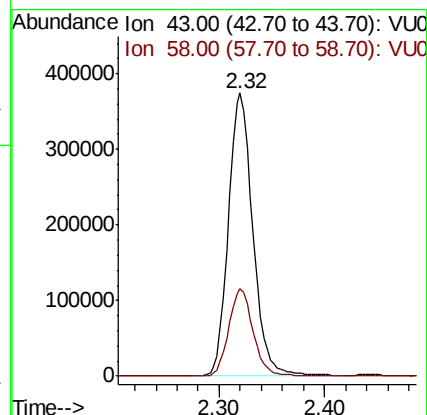
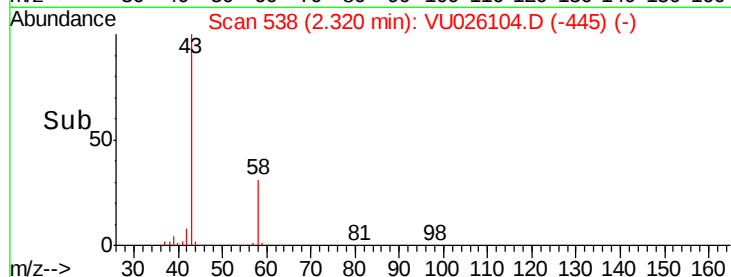
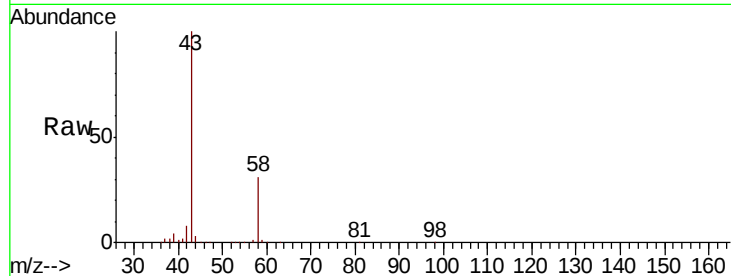
A4ZJ3

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#22

2-Butanone

Concen: 120.62 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU026104.D

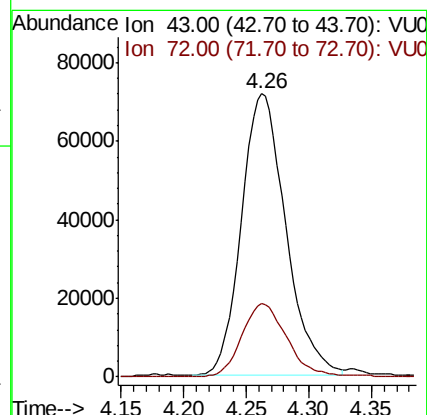
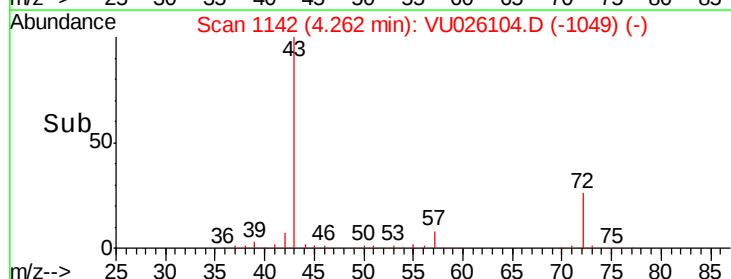
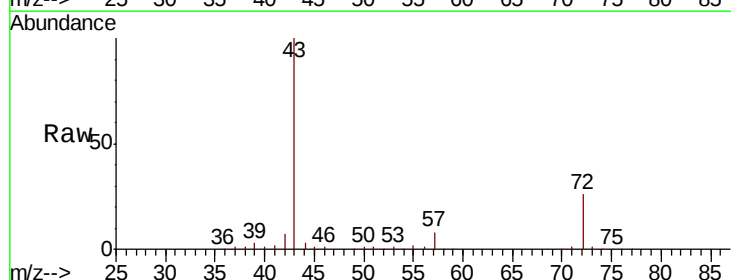
Acq: 14 Aug 2018 16:18

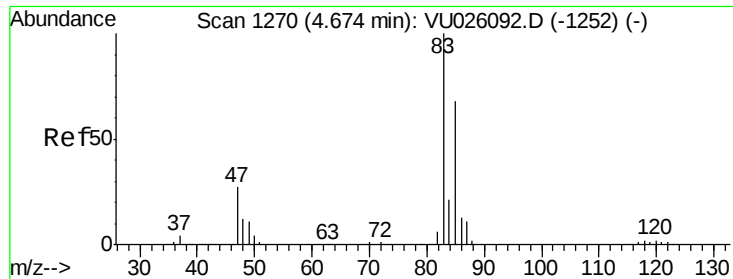
Tgt Ion: 43 Resp: 175765

Ion Ratio Lower Upper

43 100

72 26.4 13.5 40.5





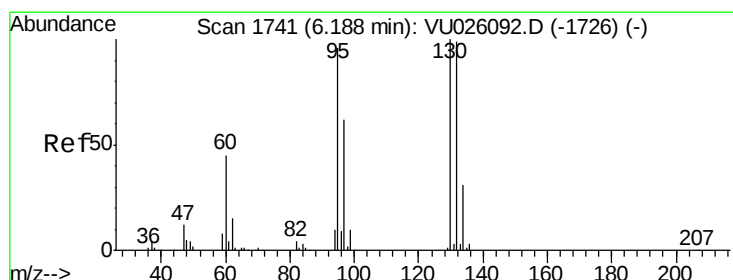
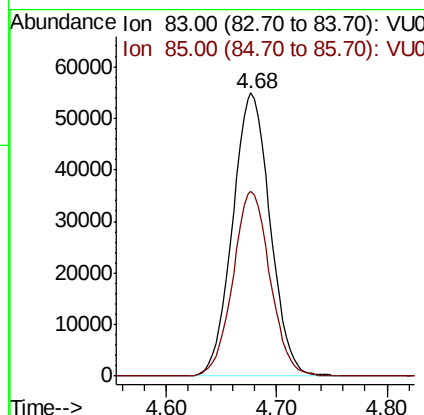
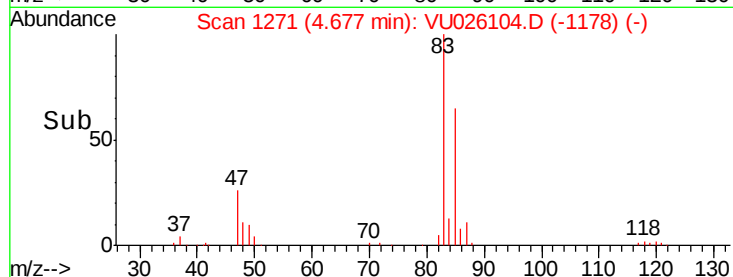
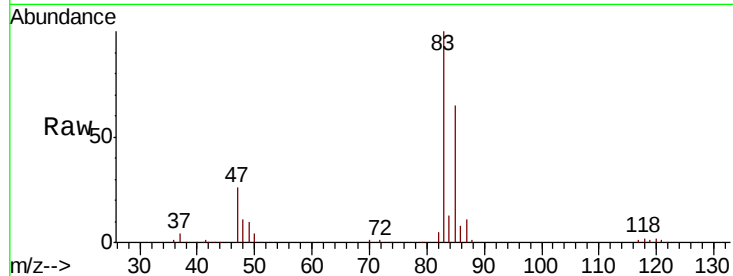
#25
Chloroform
Concen: 37.50 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026104.D
Acq: 14 Aug 2018 16:18

Instrument :
MSVOA_U
ClientSampled :
A4ZJ3

Tot Ion	83	Resp	129660
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	45.9	85.3

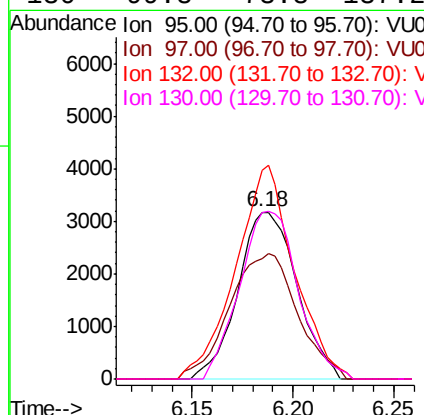
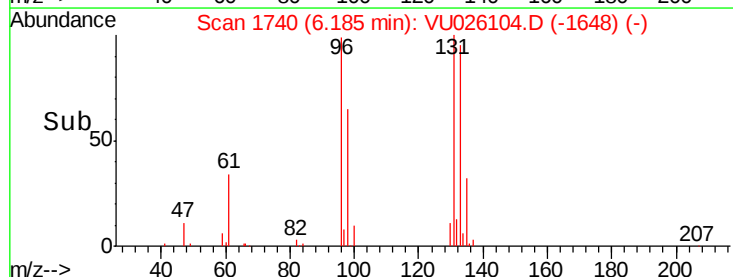
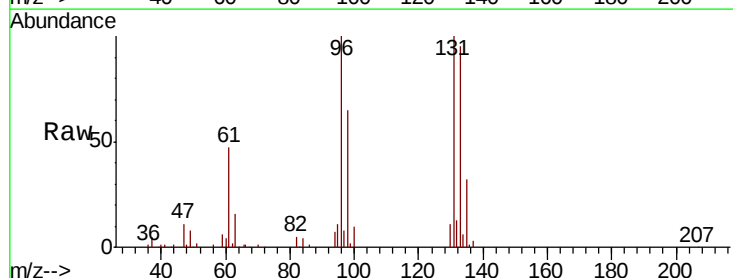
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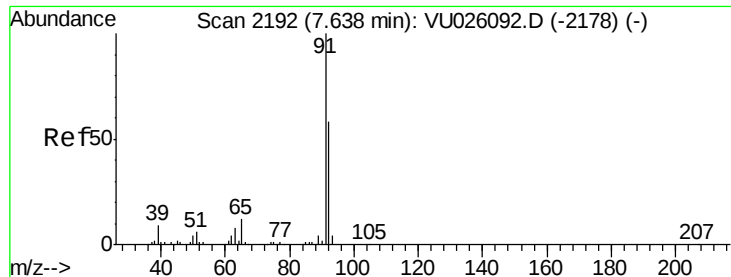
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#34
Trichloroethene
Concen: 3.32 ug/L
RT: 6.18 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VU026104.D
Acq: 14 Aug 2018 16:18

Tgt Ion	95	Resp	6484
Ion Ratio	100	Lower	Upper
95	100		
97	72.7	45.2	84.0
132	125.3	68.2	126.6
130	99.8	73.8	137.2





#42

Toluene

Concen: 2.68 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU026104.D

Acq: 14 Aug 2018 16:18

Instrument :

MSVOA_U

ClientSampleId :

A4ZJ3

Tot Ion: 91 Resp: 21251

Ion Ratio Lower Upper

91 100

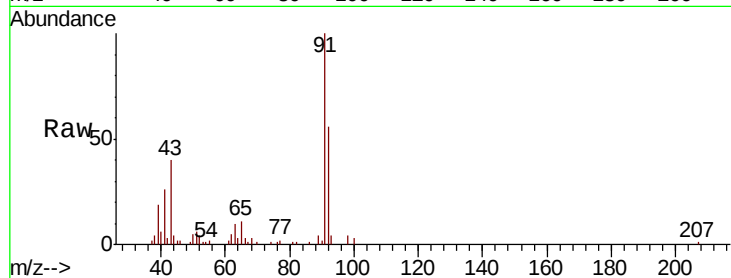
92 56.4 41.0 76.2

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Abundance Ion 91.00 (90.70 to 91.70): VU026104.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU026104.D (-2178) (-)

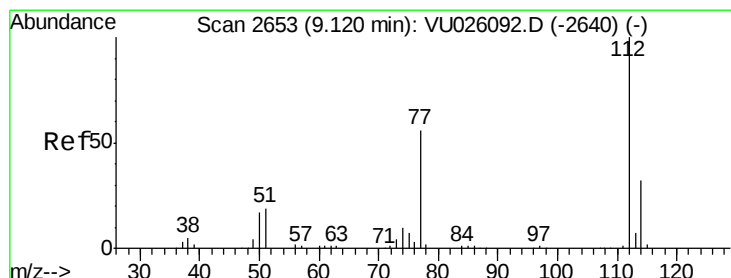
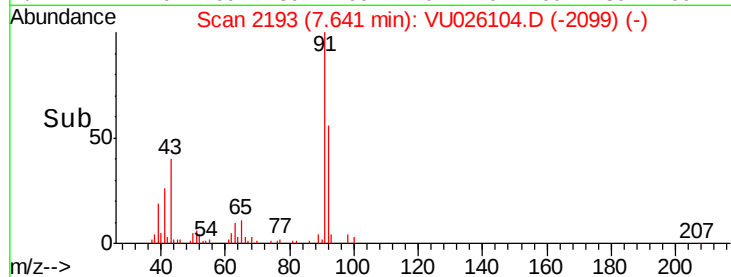
7.64

10000

5000

0

Time-->



#51

Chlorobenzene

Concen: 384.67 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU026104.D

Acq: 14 Aug 2018 16:18

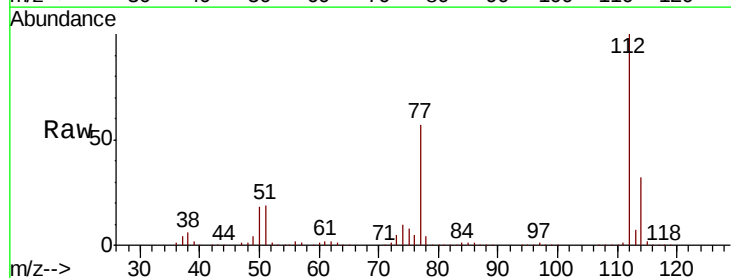
Tgt Ion: 112 Resp: 2056149

Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.3

77 56.7 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): VU026104.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU026104.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU026104.D (-2640) (-)

9.12

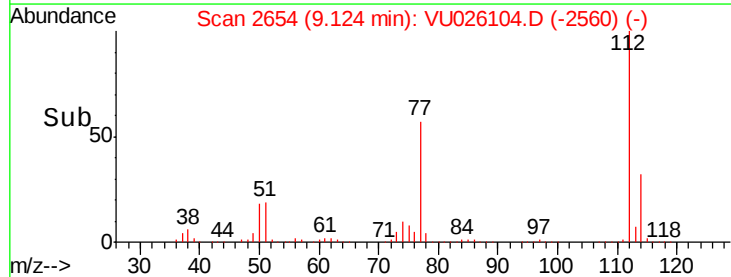
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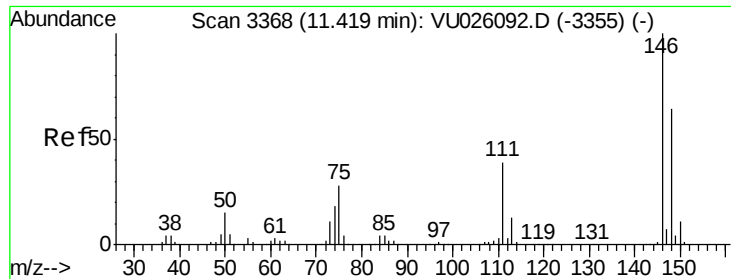
1000000

500000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 48.60 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026104.D

Acq: 14 Aug 2018 16:18

Instrument :

MSVOA_U

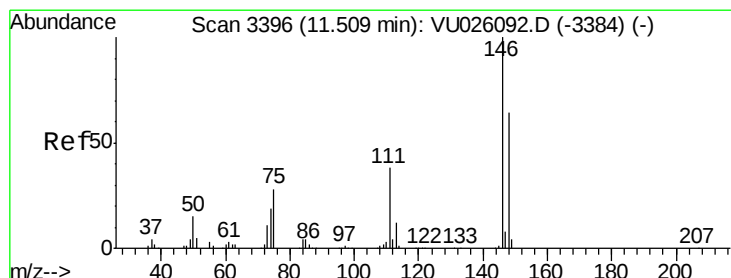
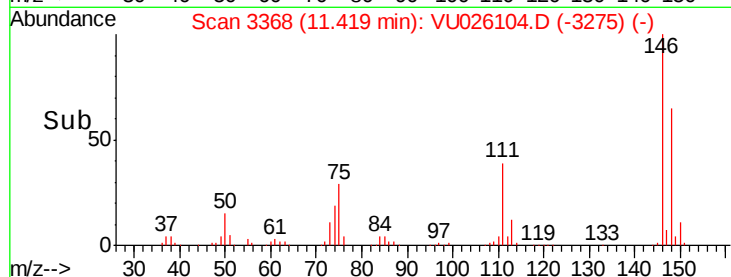
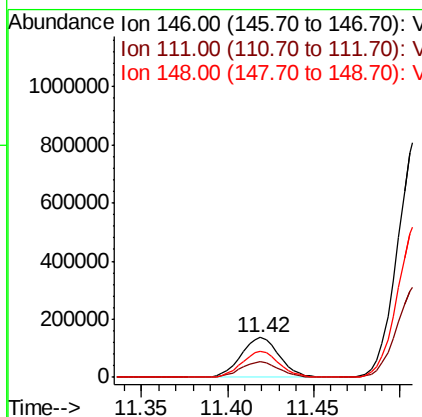
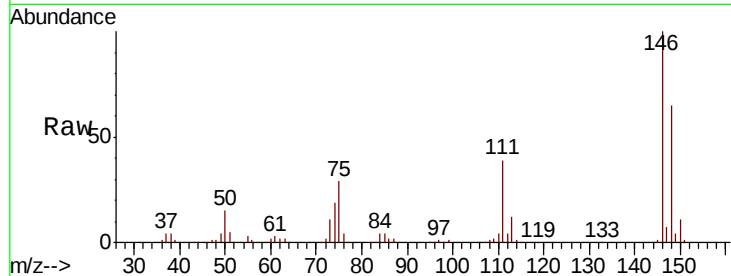
ClientSampled :

A4ZJ3

Tot Ion:	146	Resp:	212256
Ion Ratio	Lower	Upper	
146	100		
111	38.7	27.9	51.9
148	65.3	46.0	85.4

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#63

1,4-Dichlorobenzene

Concen: 274.49 ug/L

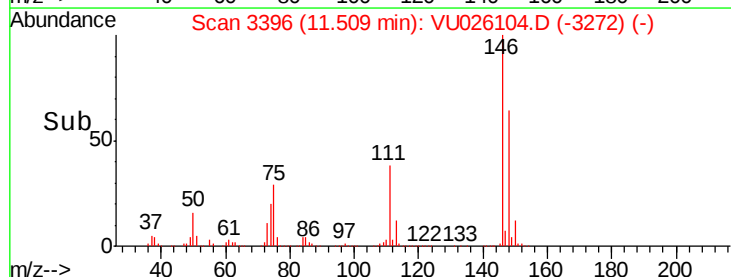
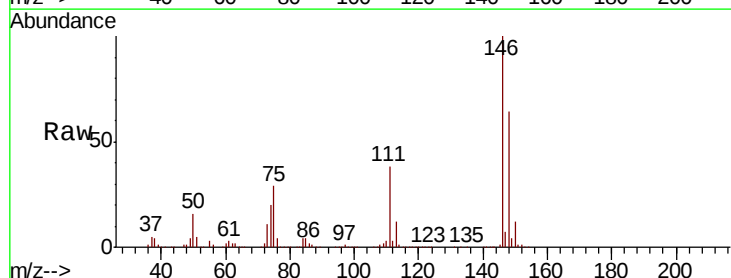
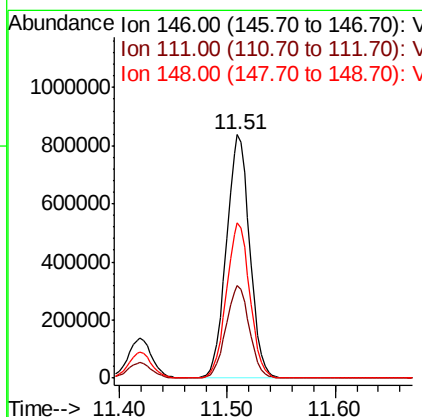
RT: 11.51 min Scan# 3396

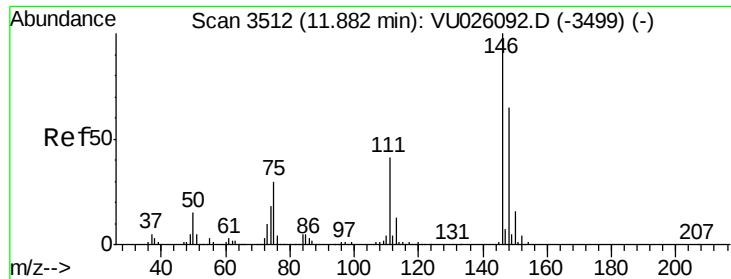
Delta R.T. 0.00 min

Lab File: VU026104.D

Acq: 14 Aug 2018 16:18

Tgt Ion:	146	Resp:	1256835
Ion Ratio	Lower	Upper	
146	100		
111	38.0	26.4	49.0
148	63.8	43.8	81.4





#65

1,2-Dichlorobenzene

Concen: 364.20 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU026104.D

Acq: 14 Aug 2018 16:18

Instrument :

MSVOA_U

ClientSampled :

A4ZJ3

Tot Ion:146 Resp: 1693228

Ion Ratio Lower Upper

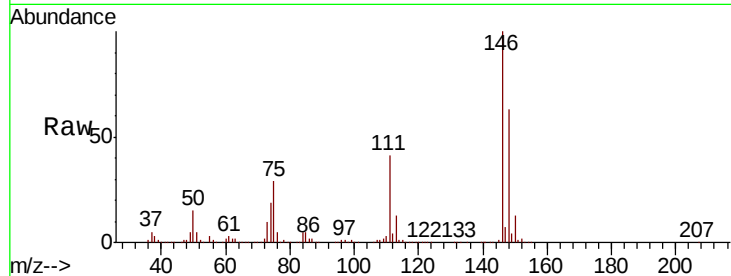
146 100

111 40.8 32.4 48.6

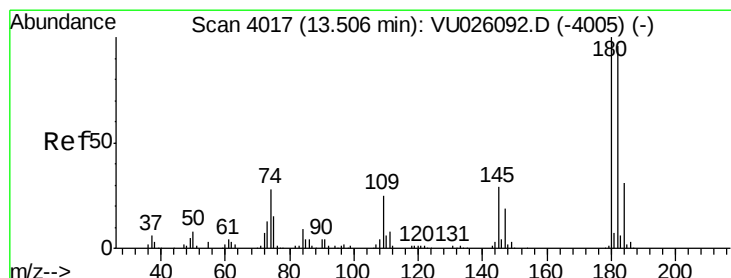
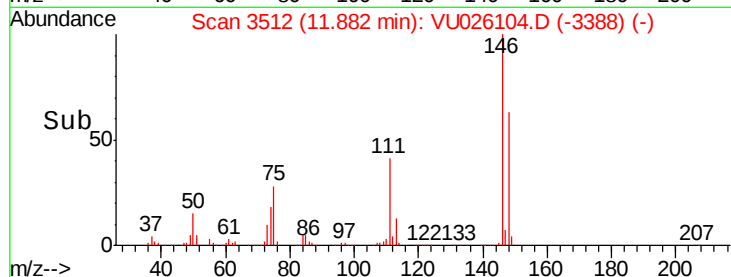
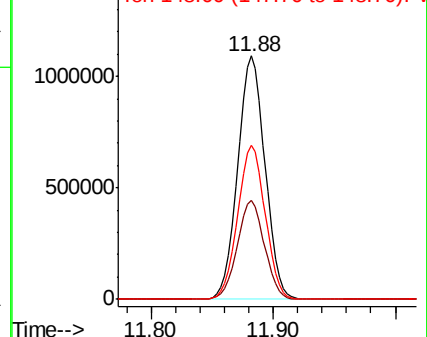
148 63.5 50.1 75.1

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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 388.19 ug/L

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU026104.D

Acq: 14 Aug 2018 16:18

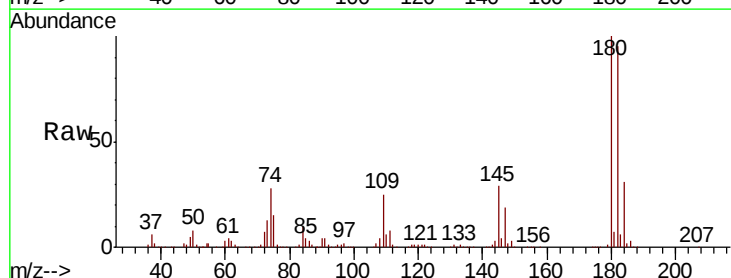
Tgt Ion:180 Resp: 1071612

Ion Ratio Lower Upper

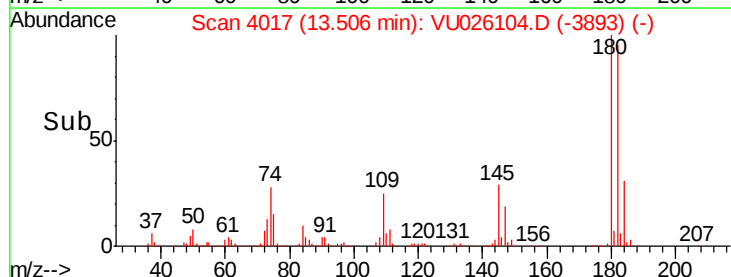
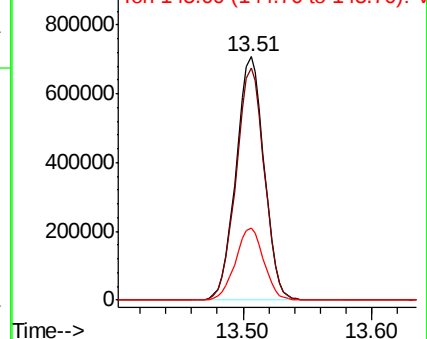
180 100

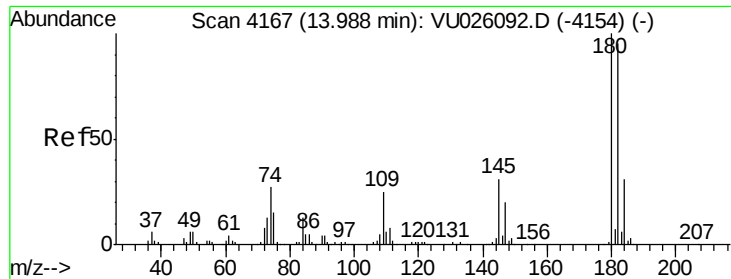
182 95.9 76.5 114.7

145 29.7 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 90.97 ug/L
 RT: 13.99 min Scan# 4167
 Delta R.T. 0.00 min
 Lab File: VU026104.D
 Acq: 14 Aug 2018 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ3

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	76.5	114.7
145	31.7	24.7	37.1

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