

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026030.D
 Acq On : 10 Aug 2018 05:20
 Operator : MD/SY
 Sample : J4401-18 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZG0

Quant Time: Aug 10 08:35:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293103	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	275705	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133103	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72369	33.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.56%
7) Chloroethane-d5	1.68	69	66901	39.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.78%
11) 1,1-Dichloroethene-d2	2.27	63	112495	27.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.26%#
21) 2-Butanone-d5	4.18	46	148894	83.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.38%
24) Chloroform-d	4.65	84	189174	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	5.31	65	130477	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
32) Benzene-d6	5.35	84	355868	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.14%
36) 1,2-Dichloropropane-d6	6.33	67	118290	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.40%
41) Toluene-d8	7.57	98	322488	39.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.74%#
43) trans-1,3-Dichloropropene-	7.85	79	51300	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.52%
47) 2-Hexanone-d5	8.31	63	104077	82.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.72%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168727	41.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	140376	42.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.56%

Target Compounds

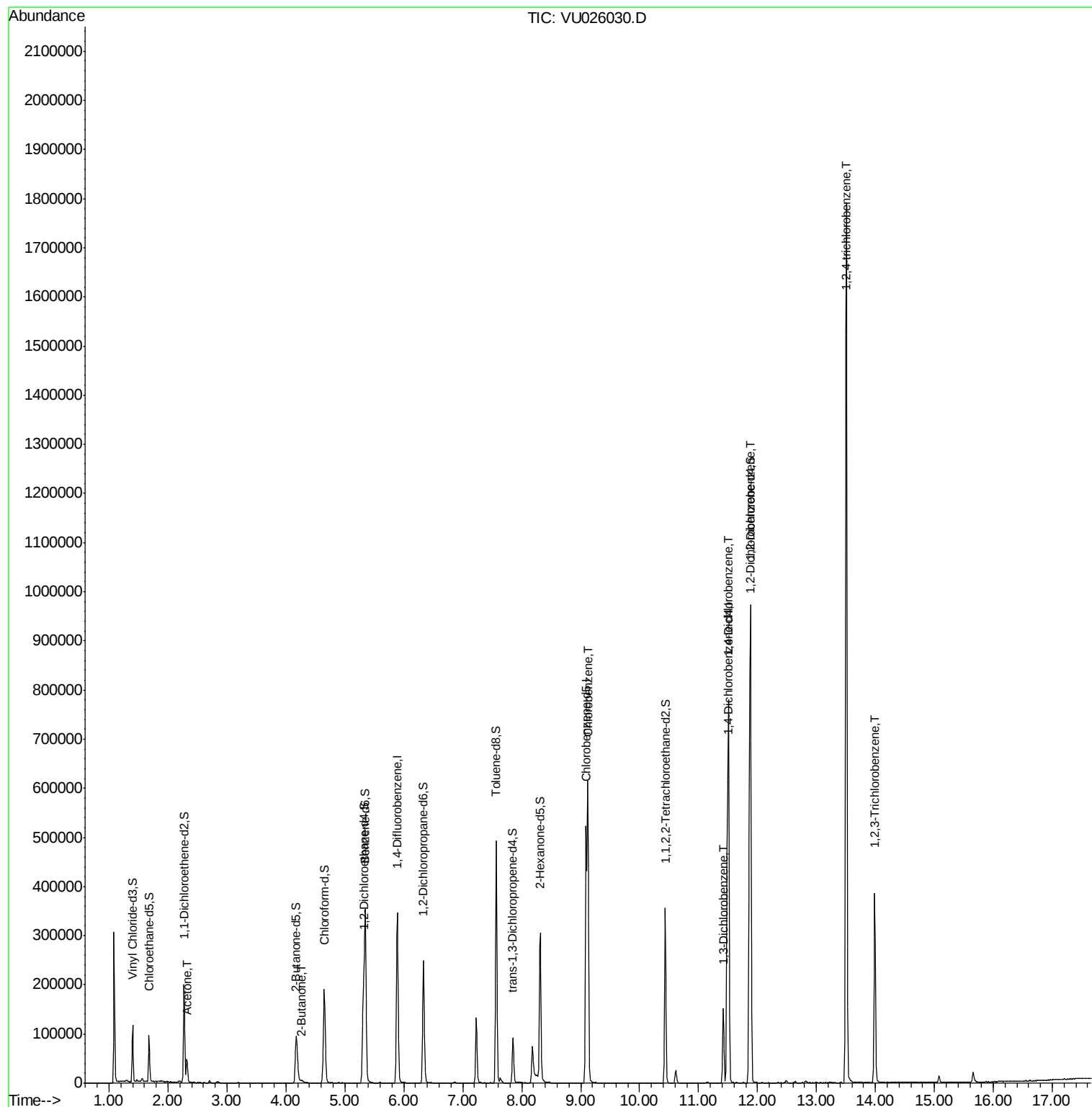
						Ovalue
13) Acetone	2.32	43	49506	44.63	ug/L	96
22) 2-Butanone	4.27	43	6693	4.17	ug/L	88
51) Chlorobenzene	9.12	112	316511	56.32	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	62213	15.01	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	291134	67.02	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	337734	76.57	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	539706	206.08	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	121123	43.03	ug/L	98

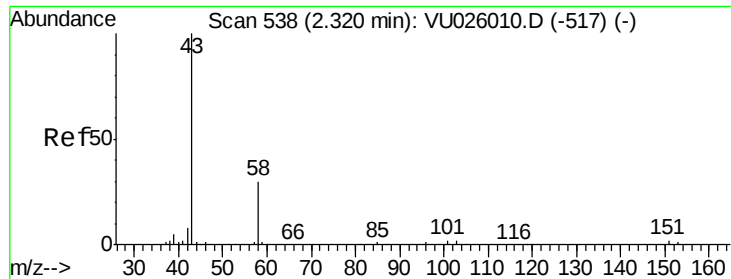
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 07:39:13 2018
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#13

Acetone

Concen: 44.63 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026030.D

Acq: 10 Aug 2018 05:20

Instrument :

MSVOA_U

ClientSampleId :

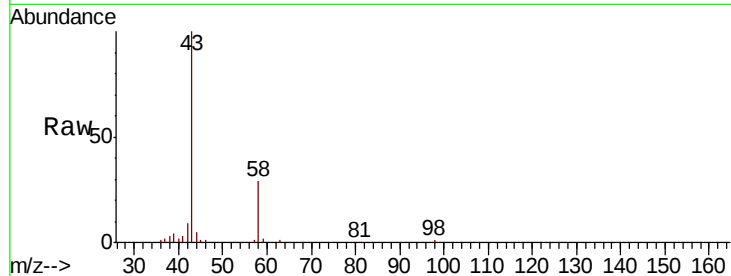
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Tot Ion: 43 Resp: 49506

Ion Ratio Lower Upper

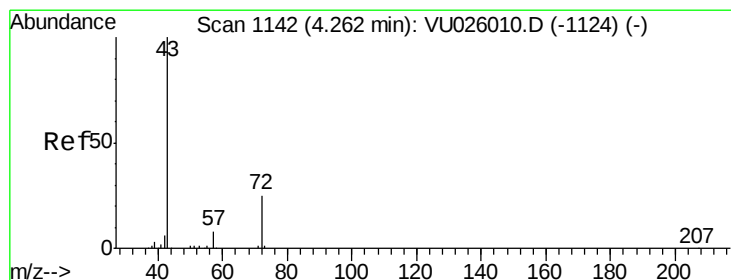
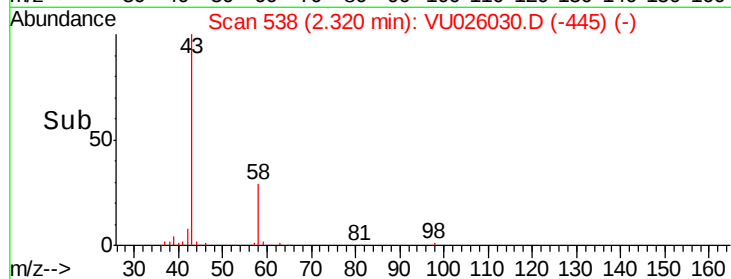
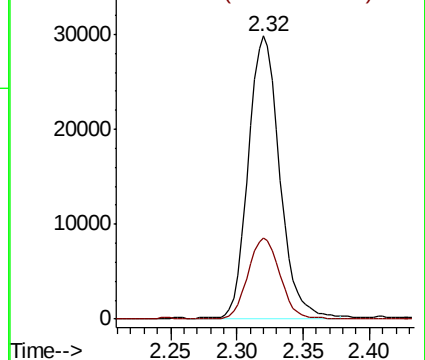
43 100

58 28.9 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#22

2-Butanone

Concen: 4.17 ug/L

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU026030.D

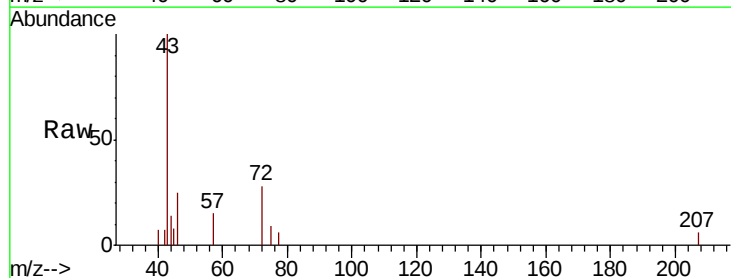
Acq: 10 Aug 2018 05:20

Tgt Ion: 43 Resp: 6693

Ion Ratio Lower Upper

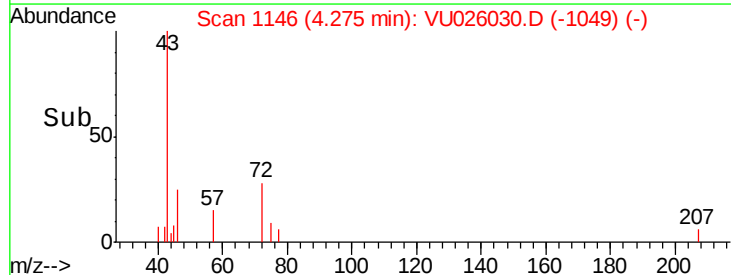
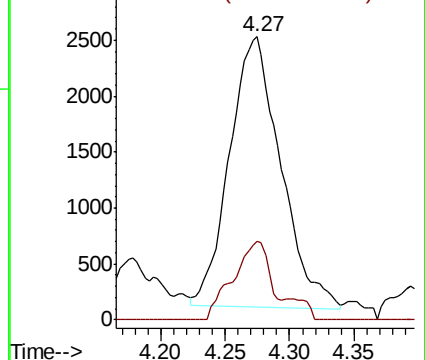
43 100

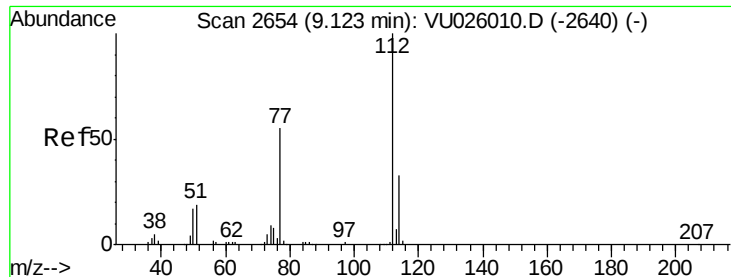
72 20.8 13.5 40.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

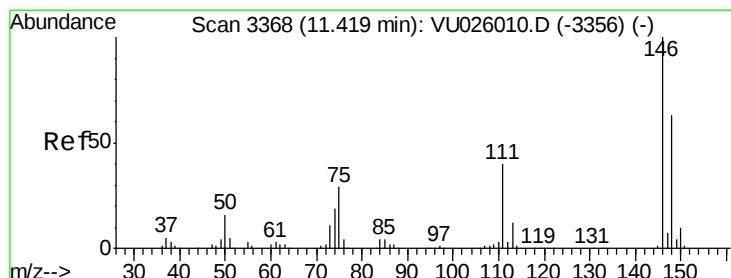
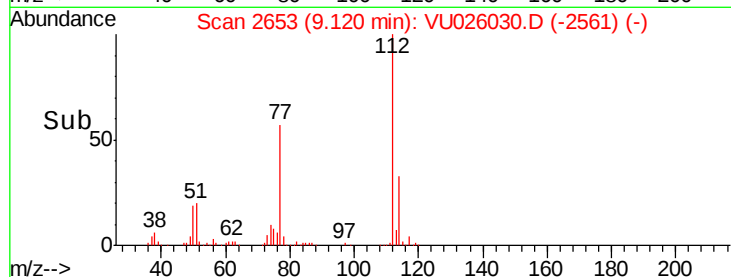
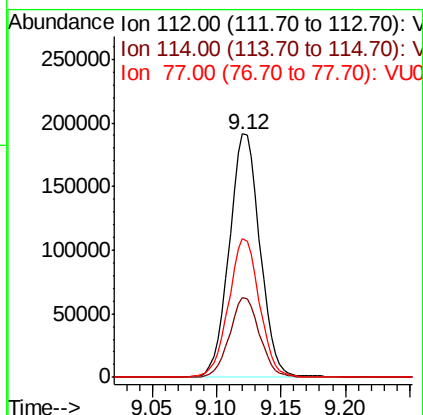
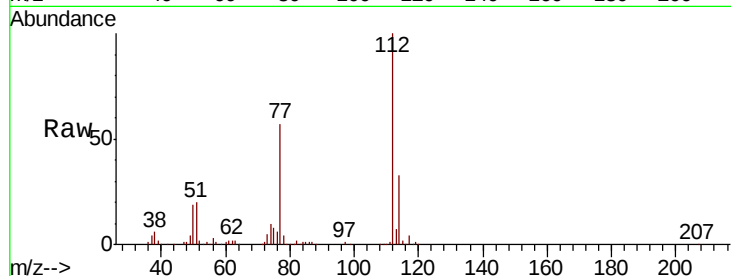




#51
Chlorobenzene
Concen: 56.32 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026030.D
Acq: 10 Aug 2018 05:20

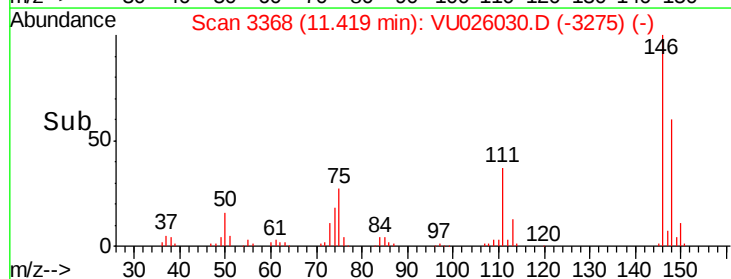
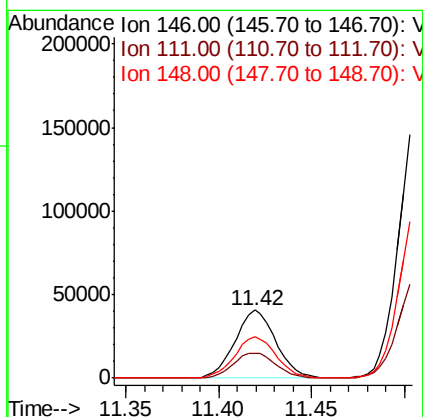
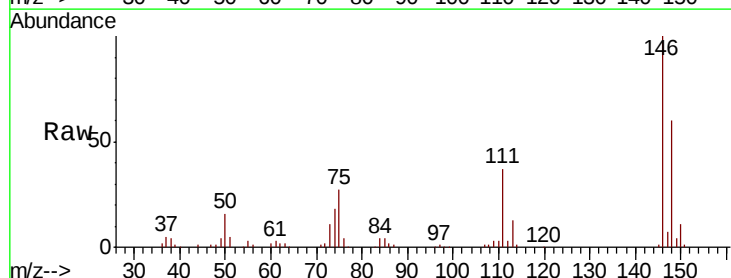
Instrument :
MSVOA_U
ClientSampleId :
A4ZG0

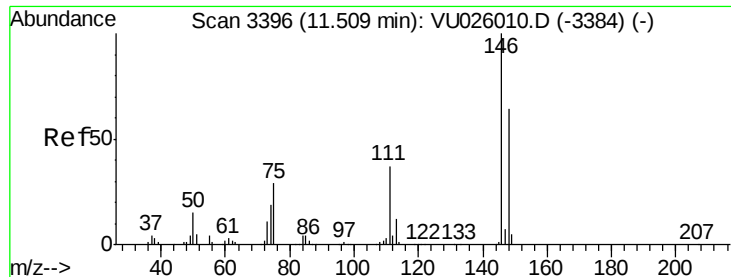
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	56.8	45.2	67.8



#62
1,3-Dichlorobenzene
Concen: 15.01 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU026030.D
Acq: 10 Aug 2018 05:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	27.9	51.9
148	60.4	46.0	85.4

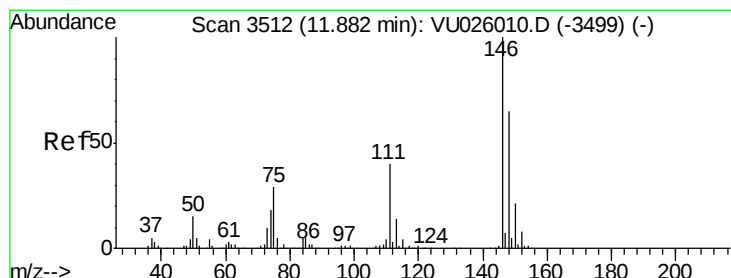
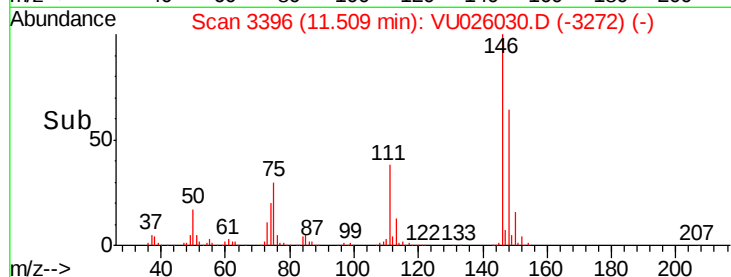
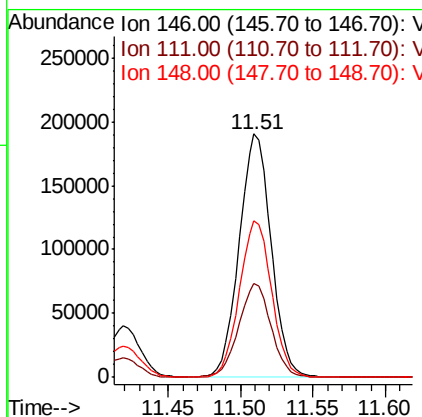
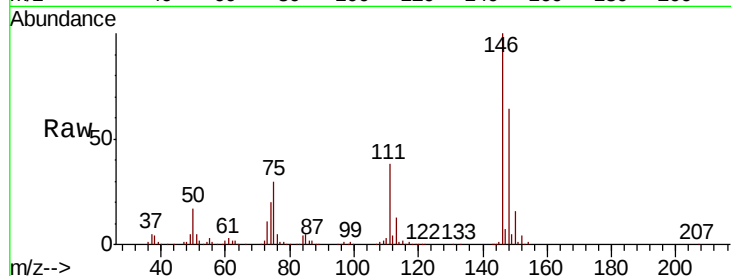




#63
1,4-Dichlorobenzene
Concen: 67.02 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VU026030.D
Acq: 10 Aug 2018 05:20

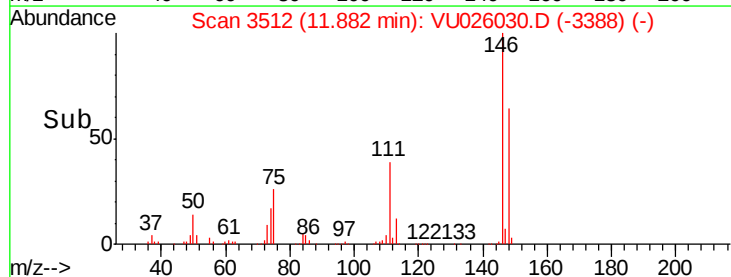
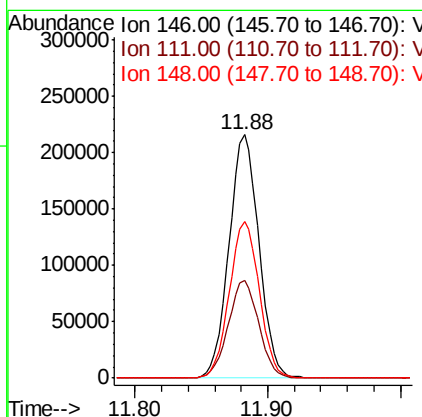
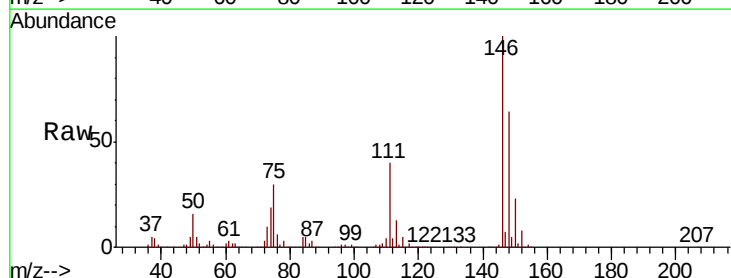
Instrument :
MSVOA_U
ClientSampleId :
A4ZG0

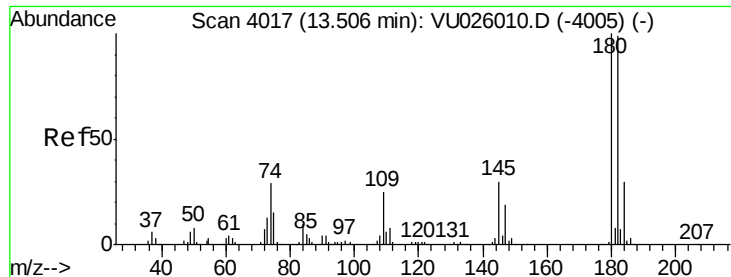
Tot Ion:146 Resp: 291134
Ion Ratio Lower Upper
146 100
111 38.3 26.4 49.0
148 64.1 43.8 81.4



#65
1,2-Dichlorobenzene
Concen: 76.57 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU026030.D
Acq: 10 Aug 2018 05:20

Tgt Ion:146 Resp: 337734
Ion Ratio Lower Upper
146 100
111 39.9 32.4 48.6
148 64.1 50.1 75.1

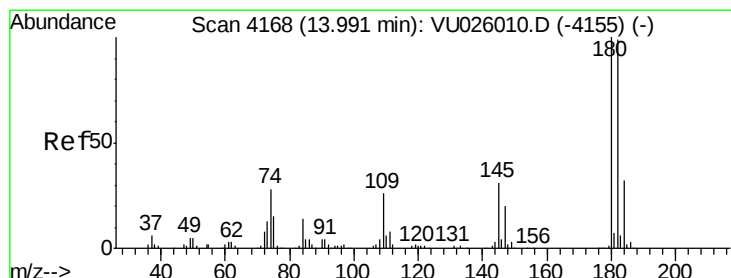
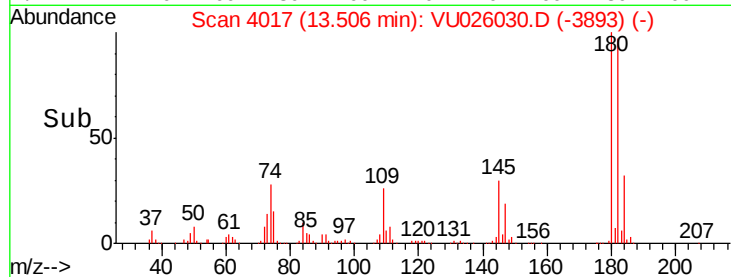
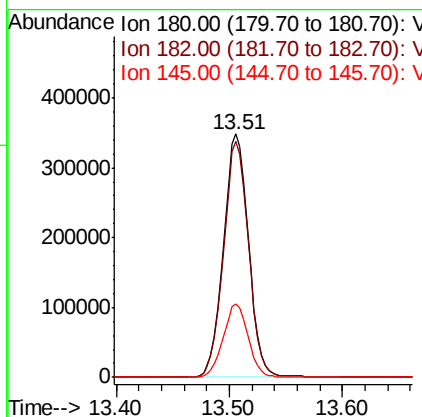
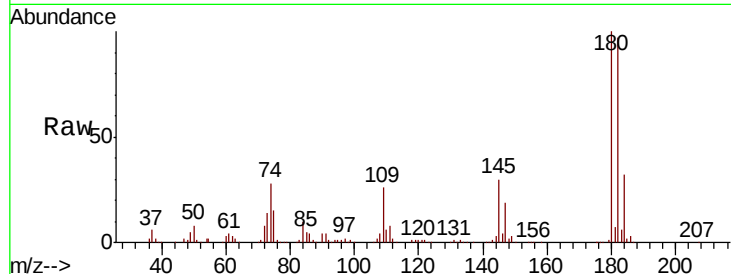




#68
 1,2,4-trichlorobenzene
 Concen: 206.08 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026030.D
 Acq: 10 Aug 2018 05:20

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZG0

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.5	114.7
145	29.9	24.2	36.4



#70
 1,2,3-Trichlorobenzene
 Concen: 43.03 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU026030.D
 Acq: 10 Aug 2018 05:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.5	114.7
145	31.4	24.7	37.1

