

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026023.D
 Acq On : 10 Aug 2018 02:31
 Operator : MD/SY
 Sample : J4401-07 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE7

Quant Time: Aug 10 08:20:43 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	296229	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282311	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	139344	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78784	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.76%
7) Chloroethane-d5	1.68	69	71919	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.27	63	121260	29.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.94%#
21) 2-Butanone-d5	4.18	46	157311	87.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.17%
24) Chloroform-d	4.65	84	199989	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	5.31	65	137951	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
32) Benzene-d6	5.35	84	377248	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
36) 1,2-Dichloropropane-d6	6.33	67	127095	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.62%
41) Toluene-d8	7.57	98	346761	41.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.68%
43) trans-1,3-Dichloropropene-	7.85	79	58662	41.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.10%
47) 2-Hexanone-d5	8.31	63	111031	86.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.18%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	183557	44.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.50%
64) 1,2-Dichlorobenzene-d4	11.49	152	127534	37.13	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.26%#

Target Compounds

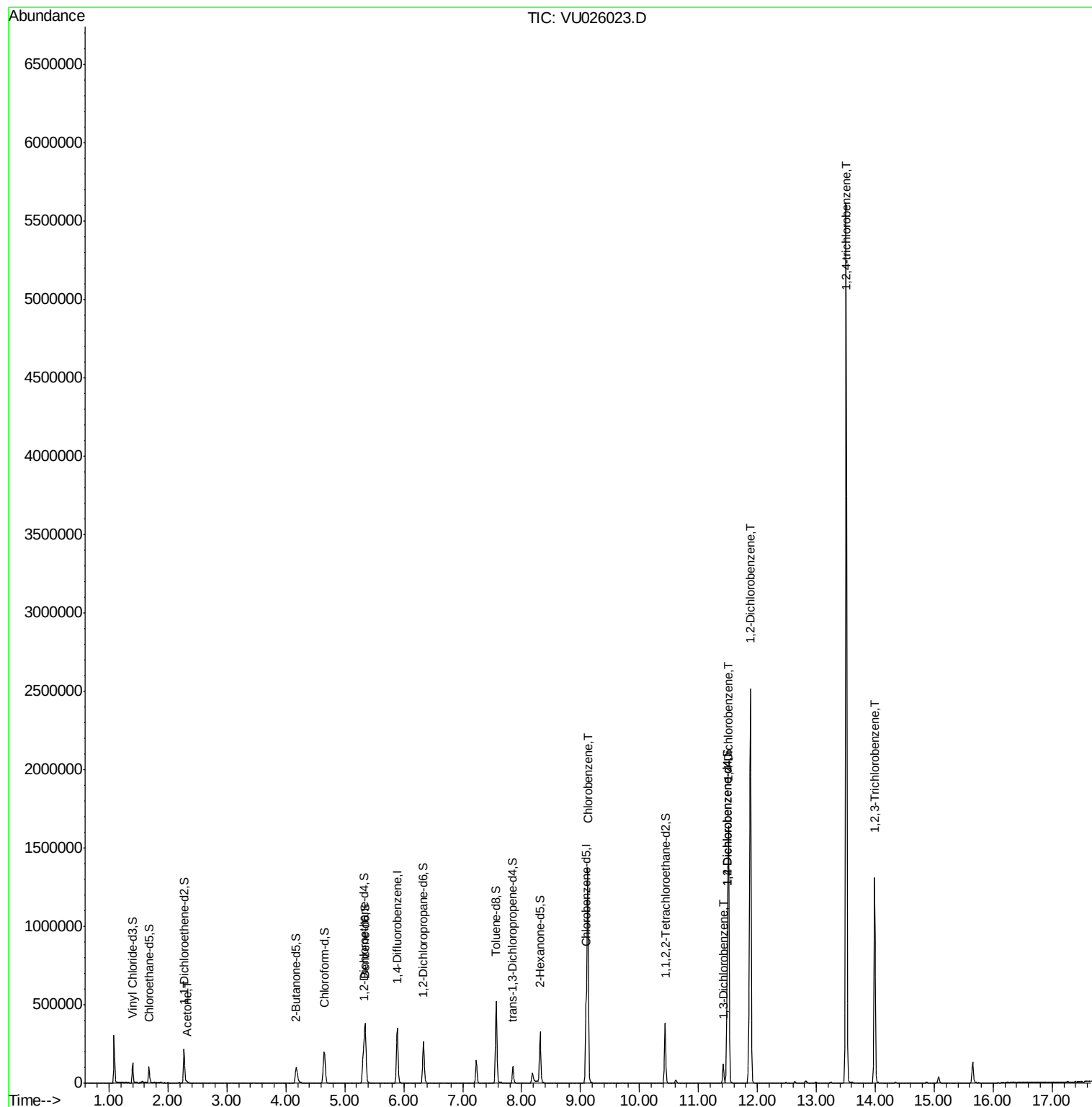
						Ovalue
13) Acetone	2.32	43	10957	9.77	ug/L	98
51) Chlorobenzene	9.12	112	720458	125.20	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	49988	11.52	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	627846	138.06	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	960535	208.02	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	1684649	614.45	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	405501	137.61	ug/L	100

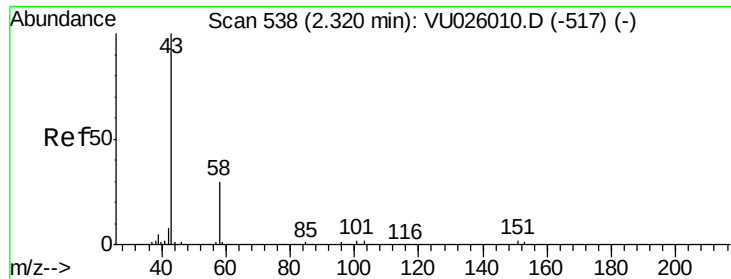
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080918\
Data File : VU026023.D
Acq On : 10 Aug 2018 02:31
Operator : MD/SY
Sample : J4401-07 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZE7

Quant Time: Aug 10 08:20:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 9.77 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026023.D

Acq: 10 Aug 2018 02:31

Instrument :

MSVOA_U

ClientSampleId :

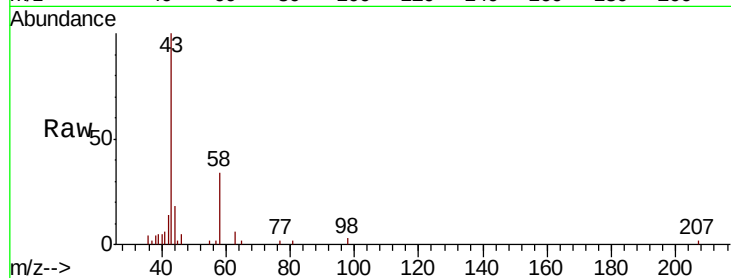
A4ZE7

Tot Ion: 43 Resp: 10957

Ion Ratio Lower Upper

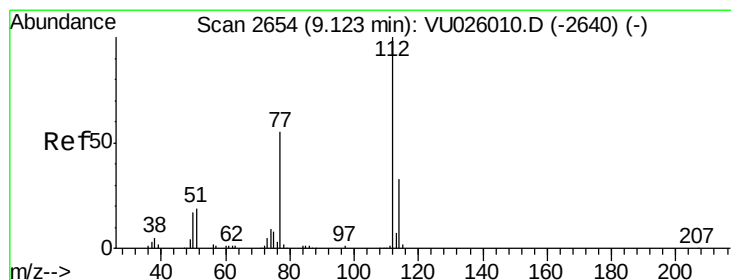
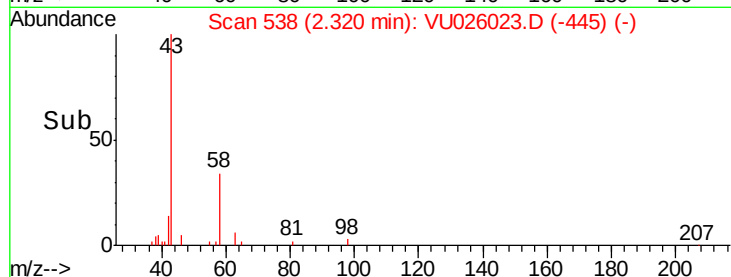
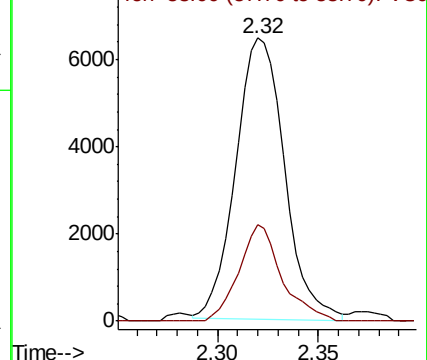
43 100

58 29.9 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU026010.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU026010.D (-517) (-)



#51

Chlorobenzene

Concen: 125.20 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU026023.D

Acq: 10 Aug 2018 02:31

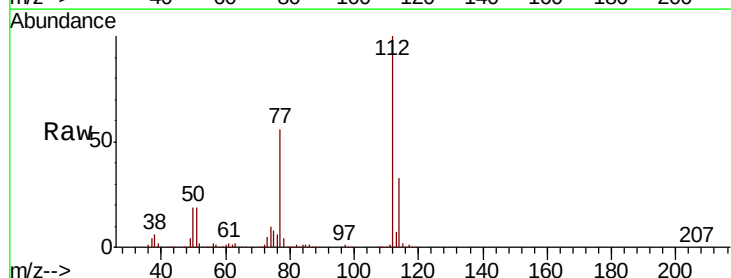
Tgt Ion: 112 Resp: 720458

Ion Ratio Lower Upper

112 100

114 33.2 22.7 42.3

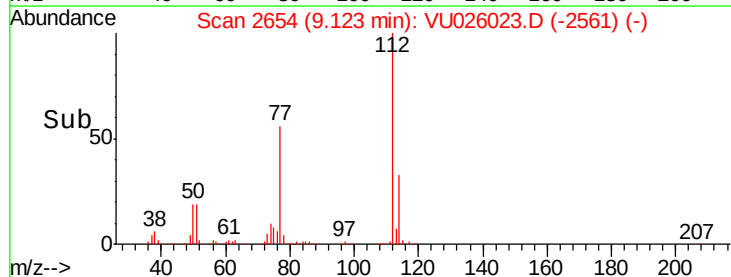
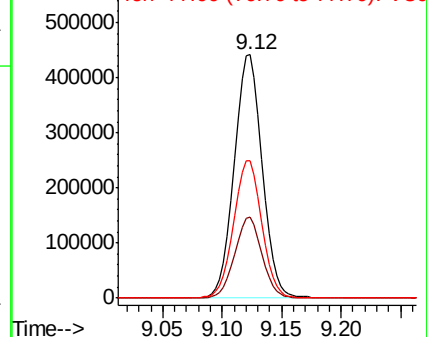
77 56.2 45.2 67.8

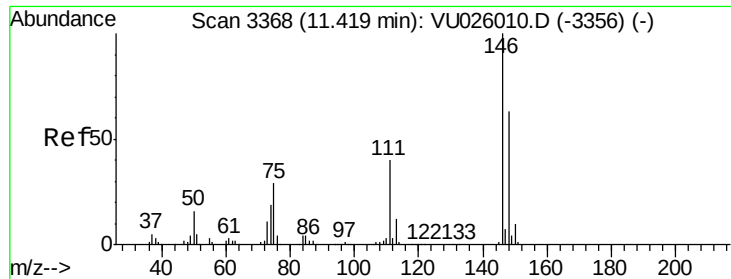


Abundance Ion 112.00 (111.70 to 112.70): VU026010.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU026010.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU026010.D (-2640) (-)

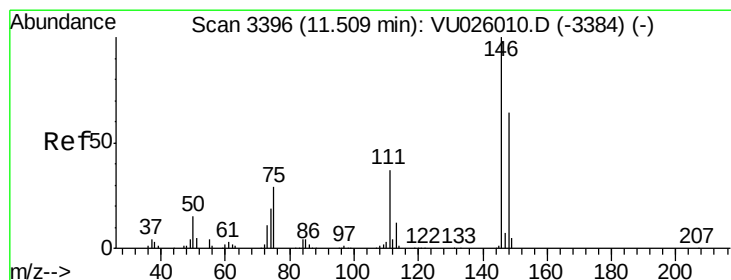
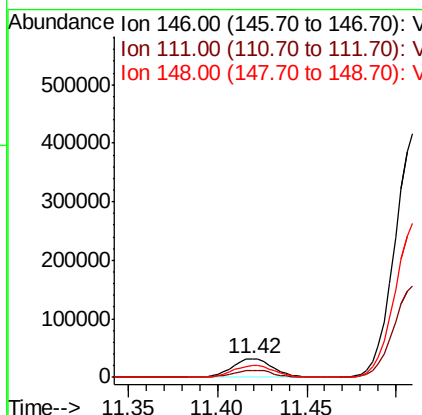
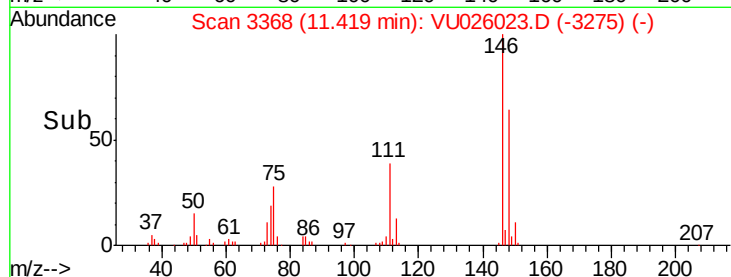
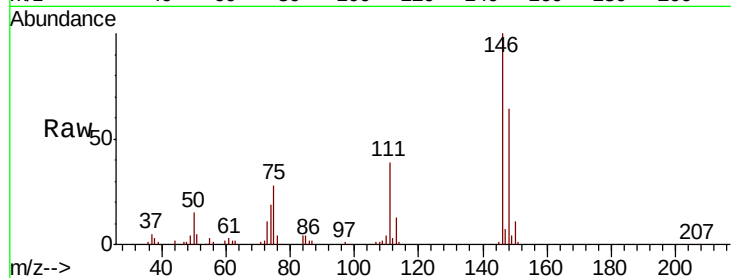




#62
 1,3-Dichlorobenzene
 Concen: 11.52 ug/L
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU026023.D
 Acq: 10 Aug 2018 02:31

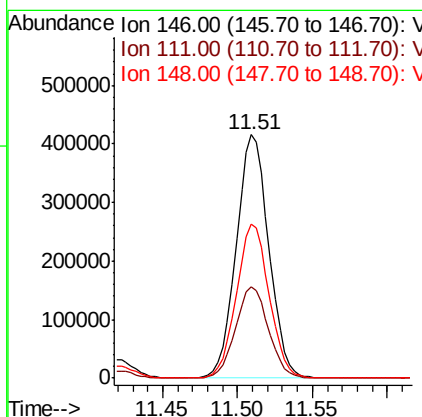
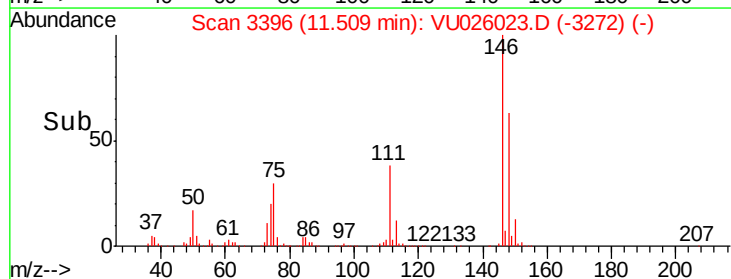
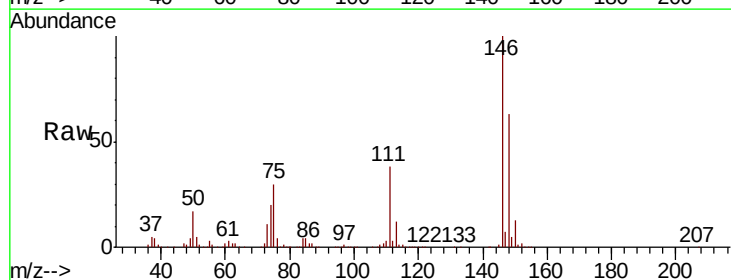
Instrument :
 MSVOA_U
 ClientSampled :
 A4ZE7

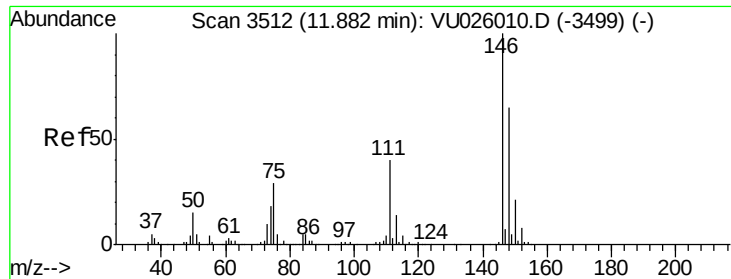
Tot Ion:146 Resp: 49988
 Ion Ratio Lower Upper
 146 100
 111 38.8 27.9 51.9
 148 63.6 46.0 85.4



#63
 1,4-Dichlorobenzene
 Concen: 138.06 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU026023.D
 Acq: 10 Aug 2018 02:31

Tgt Ion:146 Resp: 627846
 Ion Ratio Lower Upper
 146 100
 111 37.7 26.4 49.0
 148 63.2 43.8 81.4

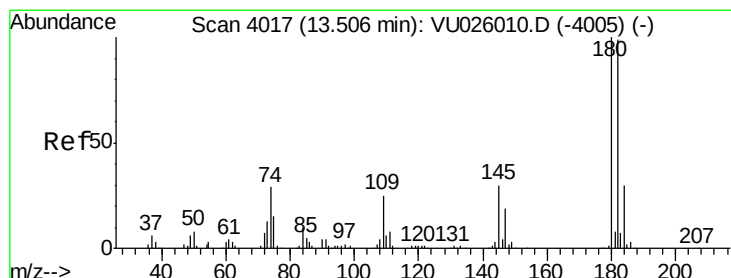
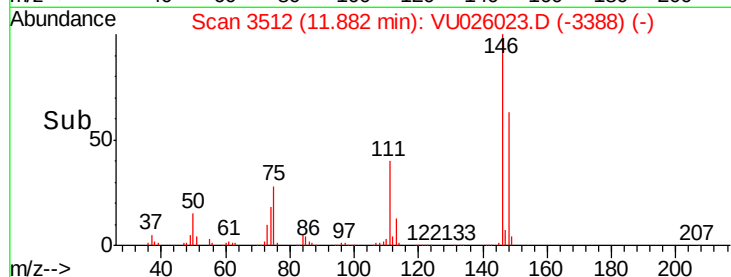
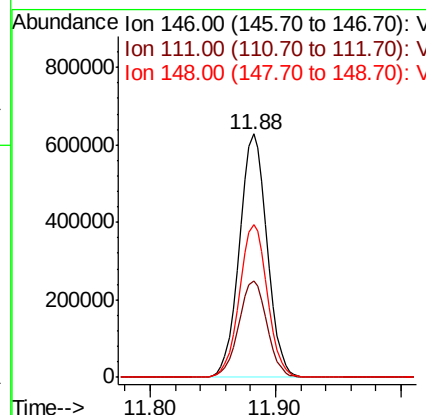
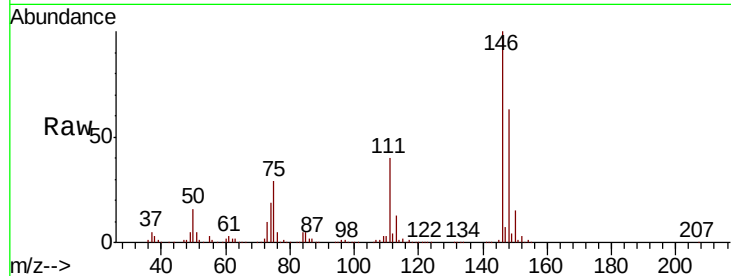




#65
 1,2-Dichlorobenzene
 Concen: 208.02 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026023.D
 Acq: 10 Aug 2018 02:31

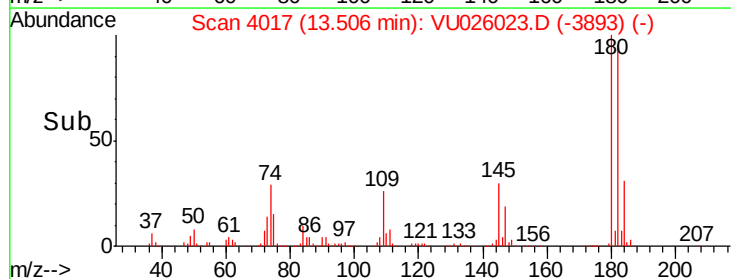
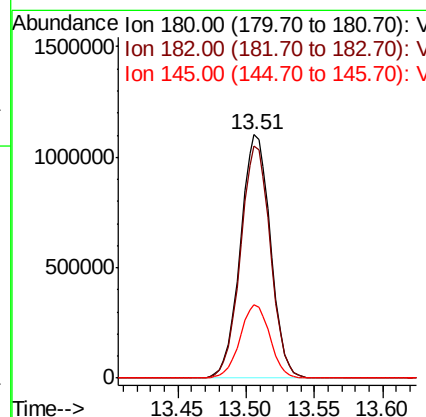
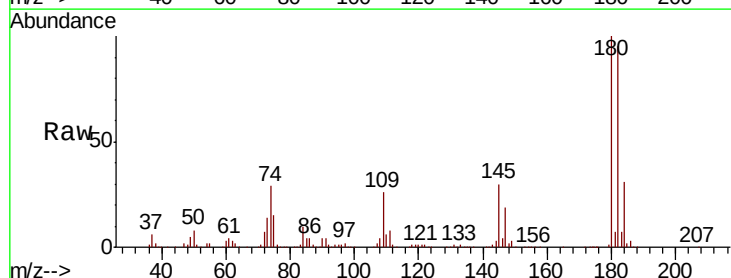
Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE7

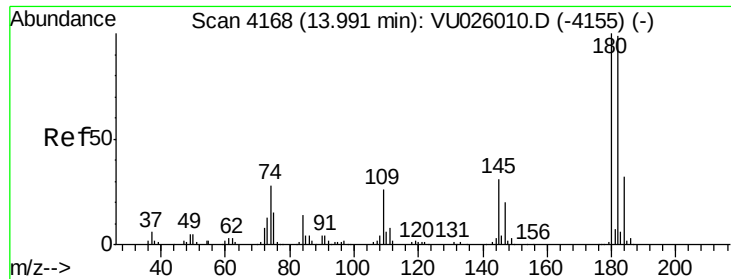
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	32.4	48.6
148	62.8	50.1	75.1



#68
 1,2,4-trichlorobenzene
 Concen: 614.45 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026023.D
 Acq: 10 Aug 2018 02:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.5	114.7
145	29.8	24.2	36.4

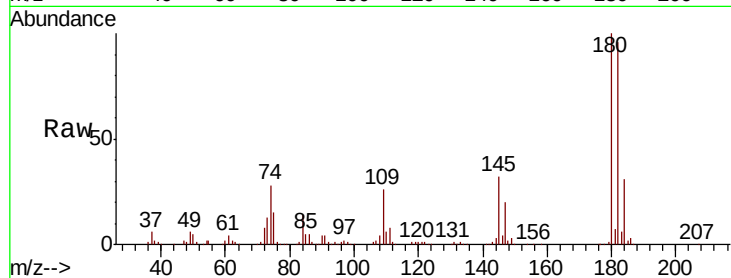




#70
 1,2,3-Trichlorobenzene
 Concen: 137.61 ug/L
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU026023.D
 Acq: 10 Aug 2018 02:31

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE7

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.5	114.7
145	31.2	24.7	37.1



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

