

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026065.D
 Acq On : 13 Aug 2018 13:56
 Operator : MD/SY
 Sample : J4401-18DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:15:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 01:13:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	297135	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	116063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99618	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.74%
7) Chloroethane-d5	1.68	69	82053	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.27	63	154487	37.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.86%
21) 2-Butanone-d5	4.18	46	146718	81.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.05%
24) Chloroform-d	4.65	84	206593	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
26) 1,2-Dichloroethane-d4	5.31	65	142885	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
32) Benzene-d6	5.34	84	406621	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
36) 1,2-Dichloropropane-d6	6.33	67	132452	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.88%
41) Toluene-d8	7.57	98	366124	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%
43) trans-1,3-Dichloropropene-	7.85	79	60497	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.31	63	101737	82.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.76%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	177538	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	140783	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%

Target Compounds

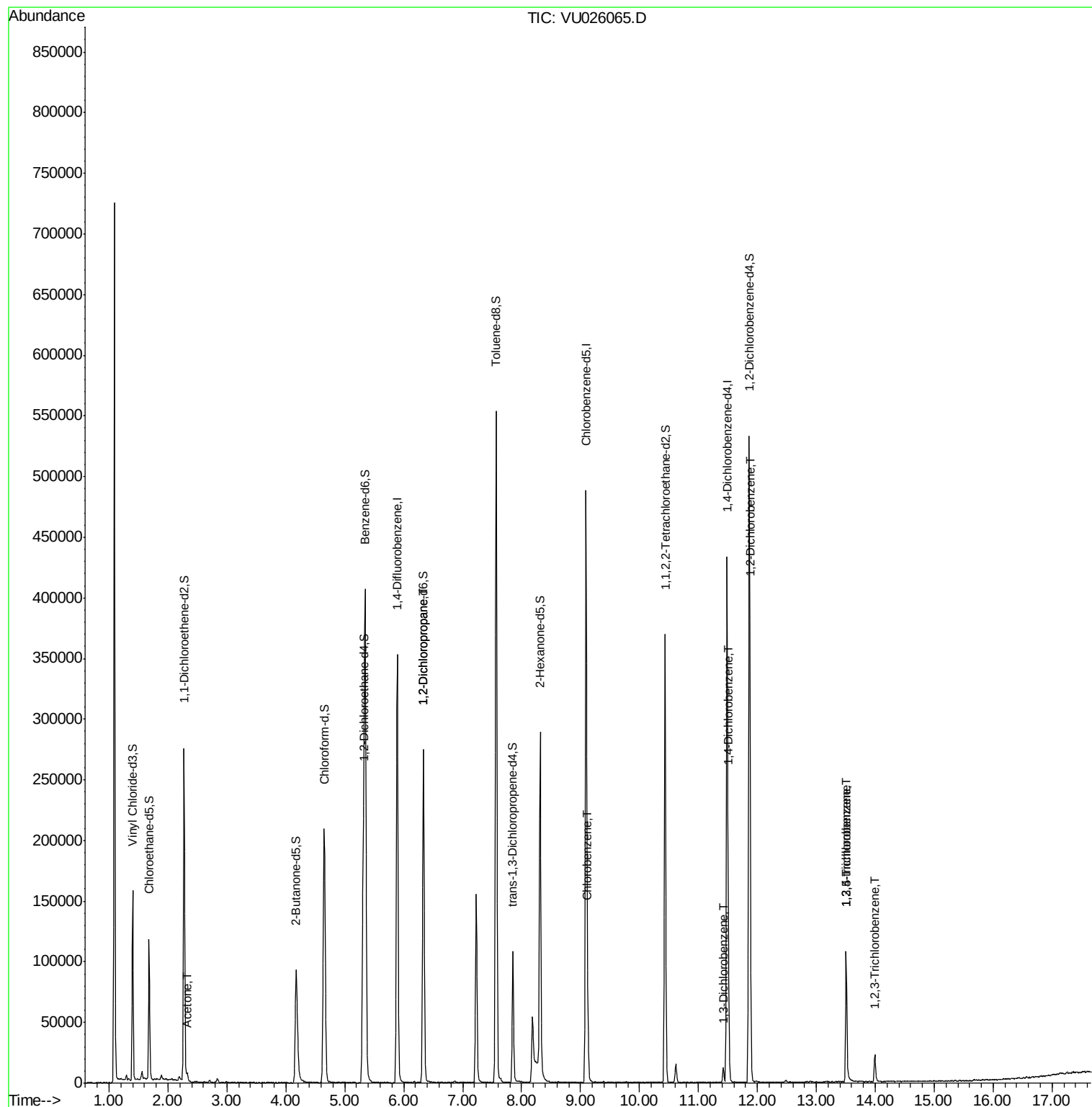
					Ovalue
13) Acetone	2.32	43	6231	5.541 ug/L	90
37) 1,2-Dichloropropane	6.33	63	15407	7.339 ug/L #	88
51) Chlorobenzene	9.12	112	31708	5.774 ug/L	96
62) 1,3-Dichlorobenzene	11.42	146	5771	1.597 ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	25965	6.855 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	31168	8.104 ug/L	96
67) 1,3,5-Trichlorobenzene	13.51	180	36524	13.525 ug/L	98
68) 1,2,4-Trichlorobenzene	13.51	180	36524	15.994 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	8577	3.494 ug/L	98

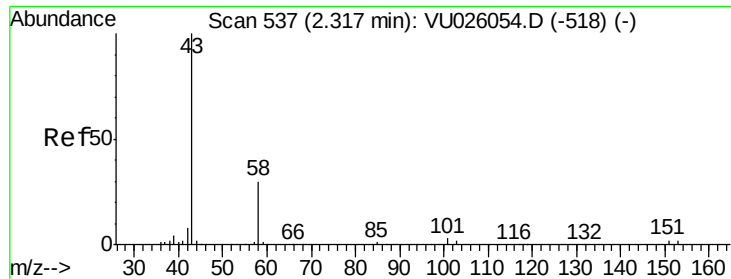
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
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QLast Update : Tue Aug 14 01:13:22 2018
Response via : Initial Calibration

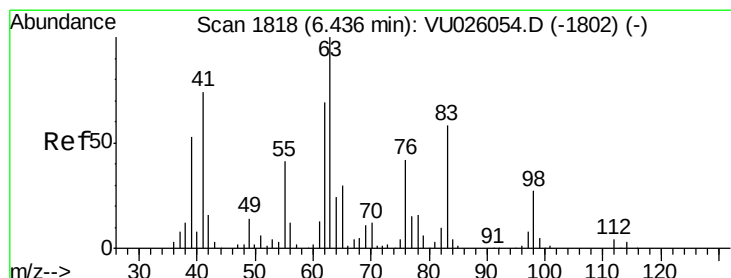
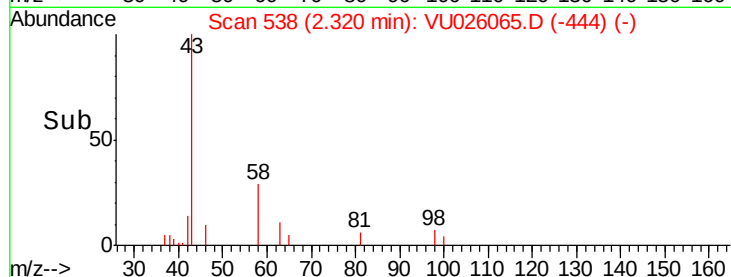
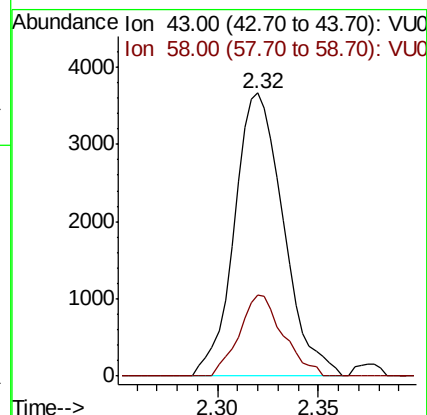
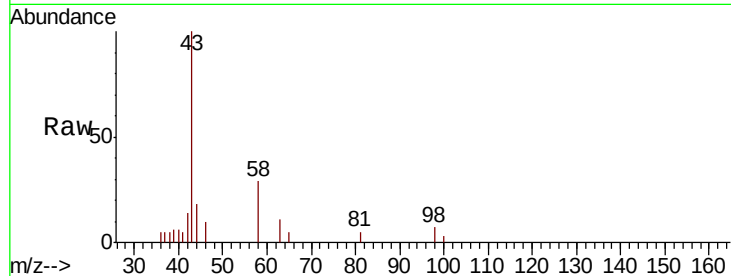




#13
Acetone
Concen: 5.541 ug/L
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU026065.D
Acq: 13 Aug 2018 13:56

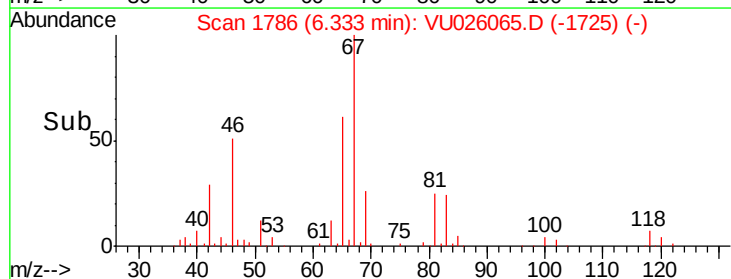
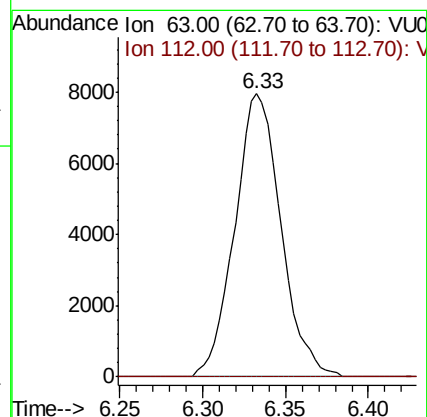
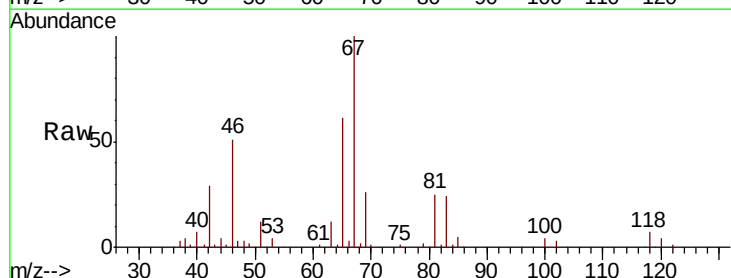
Instrument :
MSVOA_U
ClientSampleId :

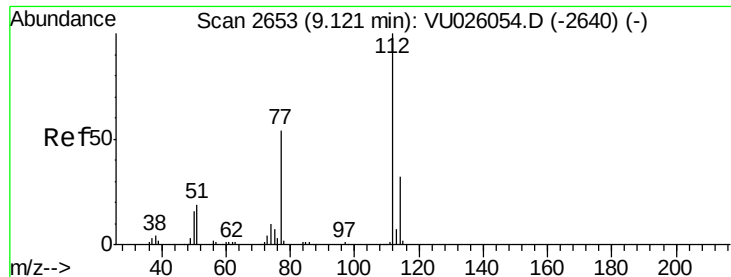
Tot Ion: 43 Resp: 6231
Ion Ratio Lower Upper
43 100
58 25.6 0.0 61.8



#37
1,2-Dichloropropane
Concen: 7.339 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026065.D
Acq: 13 Aug 2018 13:56

Tgt Ion: 63 Resp: 15407
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#51

Chlorobenzene

Concen: 5.774 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU026065.D

Acq: 13 Aug 2018 13:56

Instrument :

MSVOA_U

ClientSampleId :

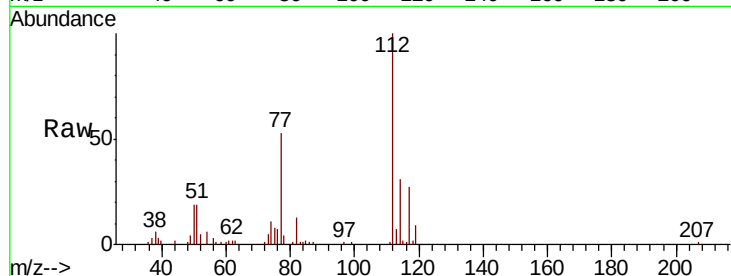
Tot Ion:112 Resp: 31708

Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.3

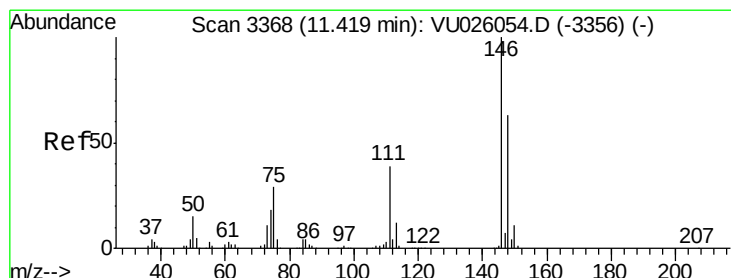
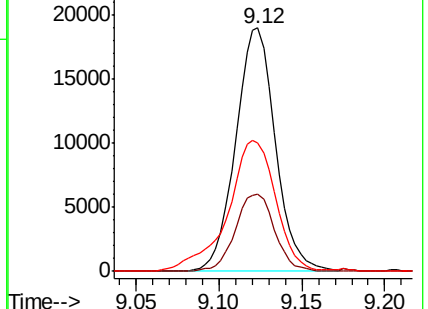
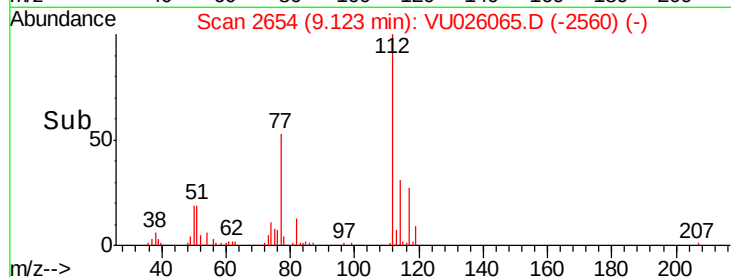
77 52.6 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#62

1,3-Dichlorobenzene

Concen: 1.597 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU026065.D

Acq: 13 Aug 2018 13:56

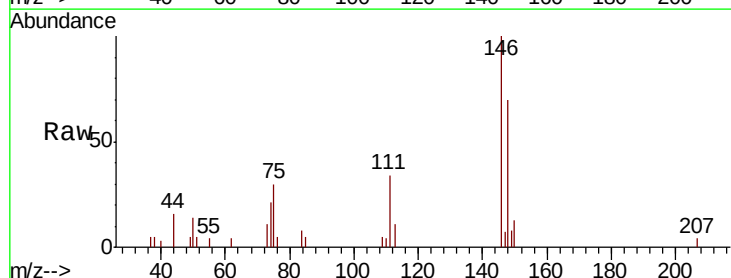
Tgt Ion:146 Resp: 5771

Ion Ratio Lower Upper

146 100

111 34.5 27.9 51.9

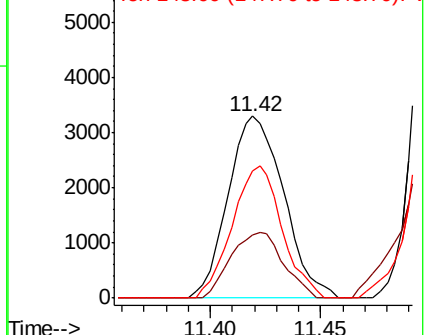
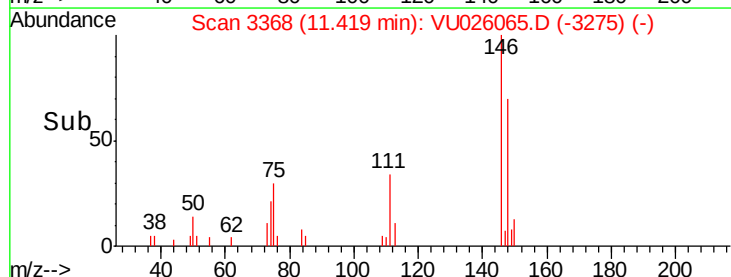
148 69.8 46.0 85.4

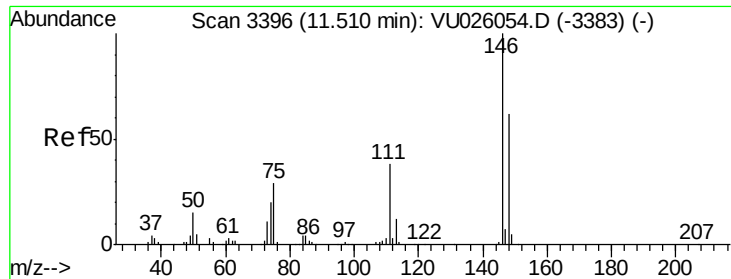


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

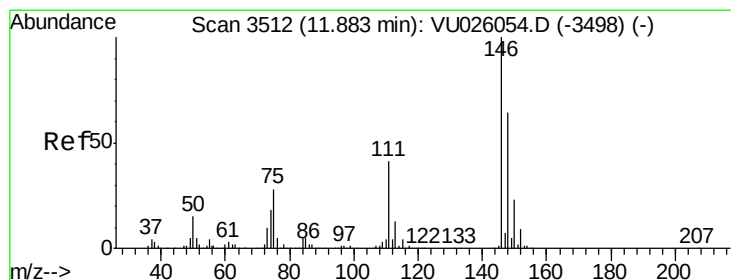
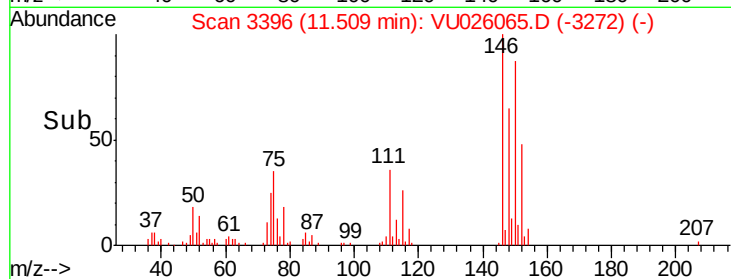
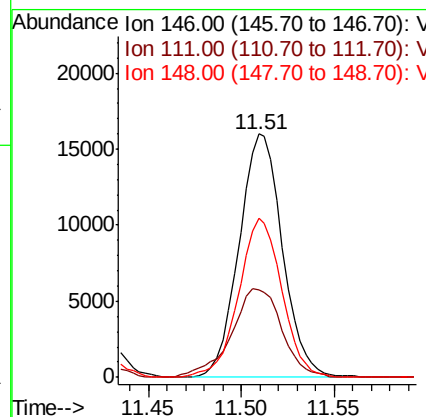
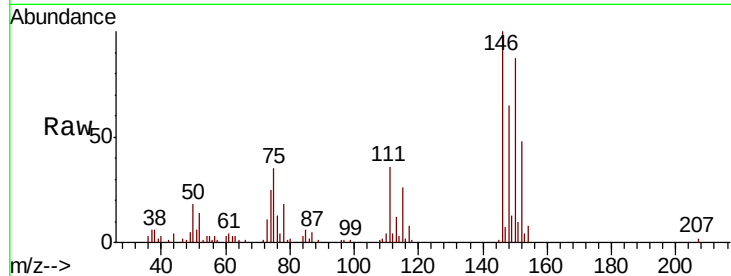




#63
 1,4-Dichlorobenzene
 Concen: 6.855 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU026065.D
 Acq: 13 Aug 2018 13:56

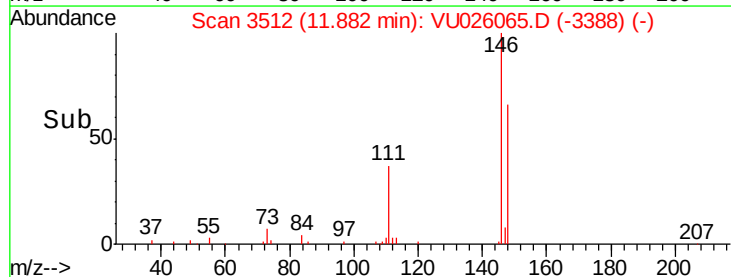
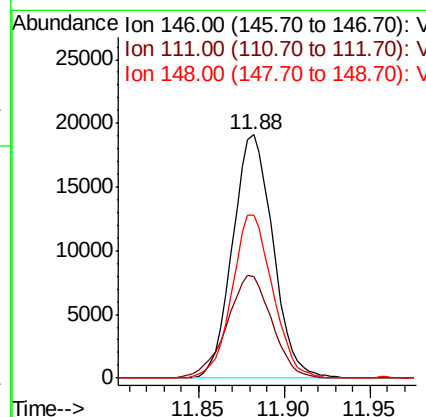
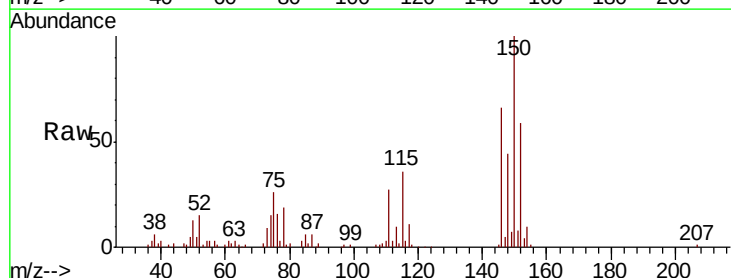
Instrument :
 MSVOA_U
 ClientSampled :

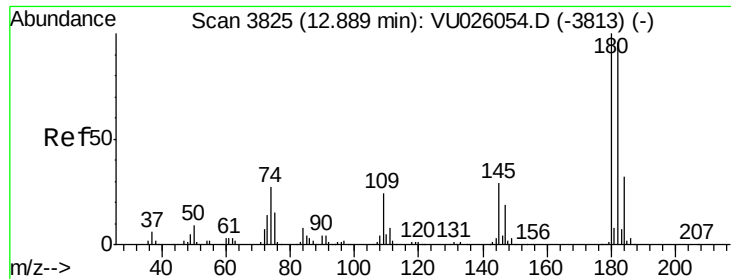
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	26.4	49.0
148	65.4	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 8.104 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026065.D
 Acq: 13 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	32.4	48.6
148	67.1	50.1	75.1

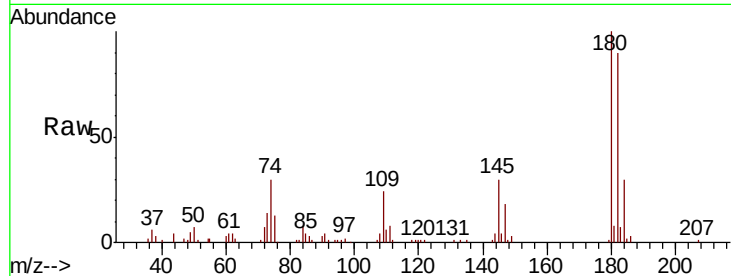




#67
 1,3,5-Trichlorobenzene
 Concen: 13.525 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU026065.D
 Acq: 13 Aug 2018 13:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180	Resp:	36524	
Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.5	114.7
184	28.5	24.3	36.5
145	28.0	23.5	35.3



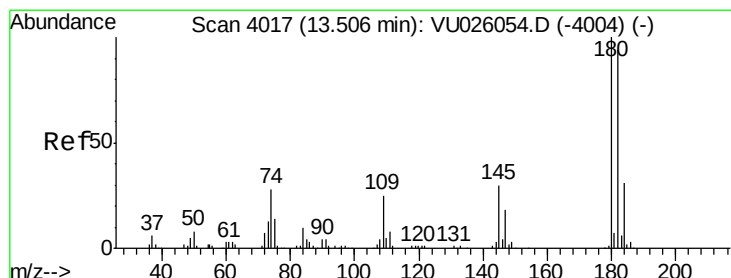
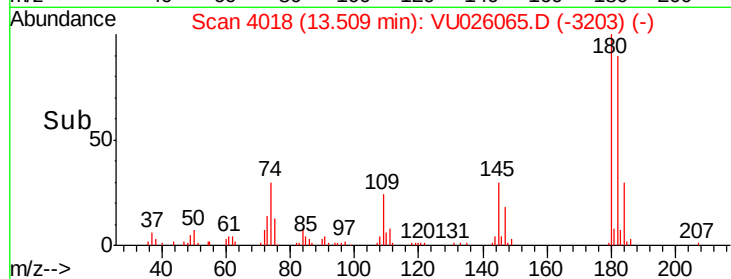
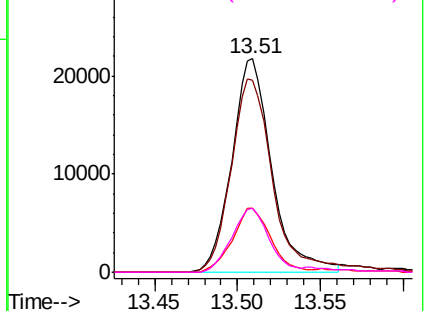
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

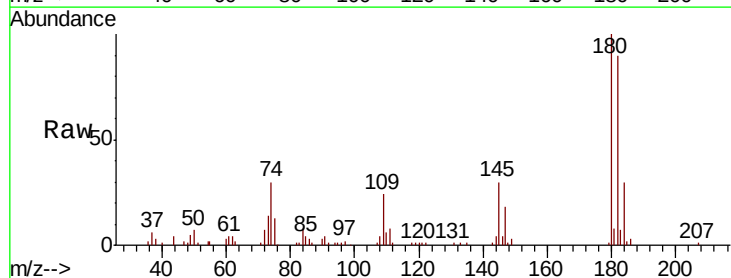
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 15.994 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026065.D
 Acq: 13 Aug 2018 13:56

Tgt	Ion:180	Resp:	36524
Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.5	114.7
145	28.0	24.2	36.4

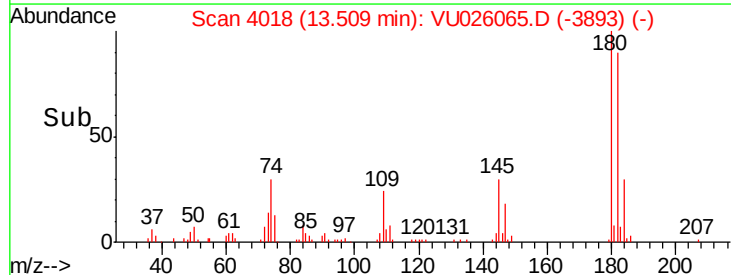
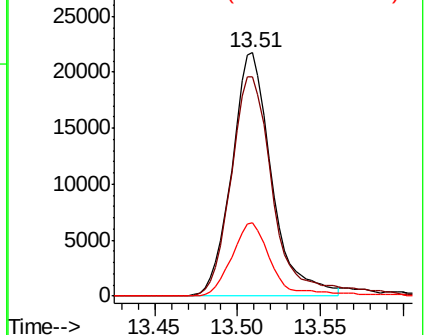


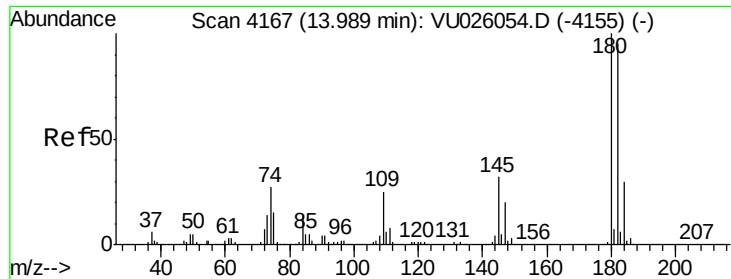
Abundance

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

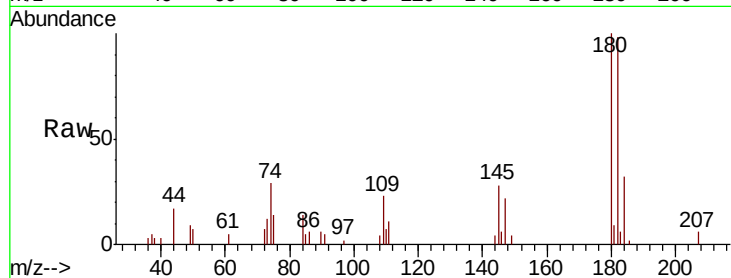




#70
 1,2,3-Trichlorobenzene
 Concen: 3.494 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU026065.D
 Acq: 13 Aug 2018 13:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	95.6	76.5	114.7	
145	26.9	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

