

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026063.D
 Acq On : 13 Aug 2018 13:06
 Operator : MD/SY
 Sample : J4401-21 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:15:16 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	286768	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	270466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129532	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99021	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.48%
7) Chloroethane-d5	1.68	69	81759	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	154156	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
21) 2-Butanone-d5	4.18	46	146507	83.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.86%
24) Chloroform-d	4.65	84	207201	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
26) 1,2-Dichloroethane-d4	5.31	65	140507	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
32) Benzene-d6	5.35	84	414124	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.33	67	130708	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.20%
41) Toluene-d8	7.57	98	378492	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	63579	46.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.88%
47) 2-Hexanone-d5	8.31	63	104408	84.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	178172	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	159928	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

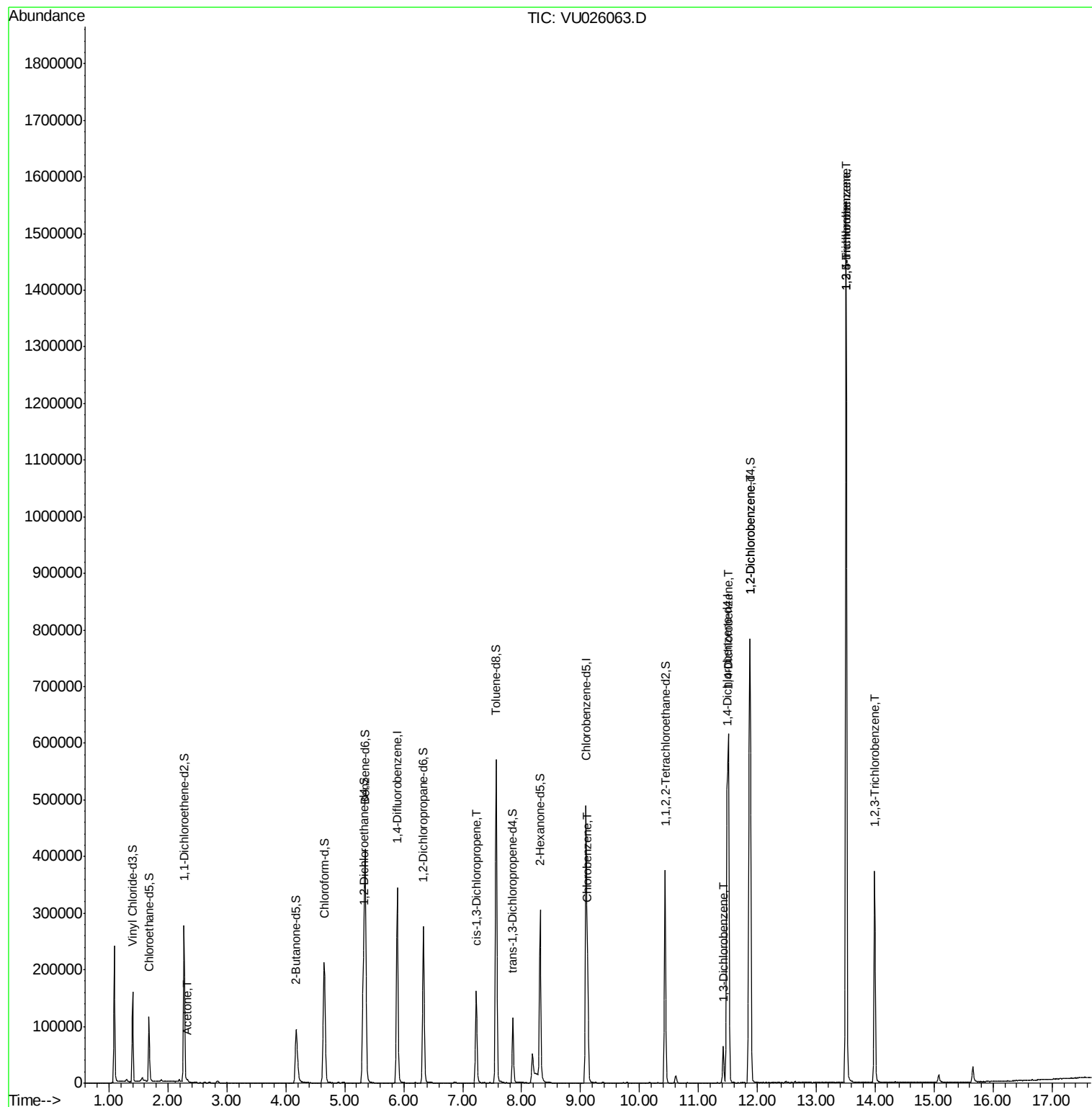
					Ovalue
13) Acetone	2.32	43	3795	3.497 ug/L	91
39) cis-1,3-Dichloropropene	7.23	75	4234	1.325 ug/L	87
51) Chlorobenzene	9.12	112	108853	19.744 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	27221	6.750 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	234473	55.466 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	244008	56.847 ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	478955	158.916 ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	478955	187.923 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	119269	43.540 ug/L	99

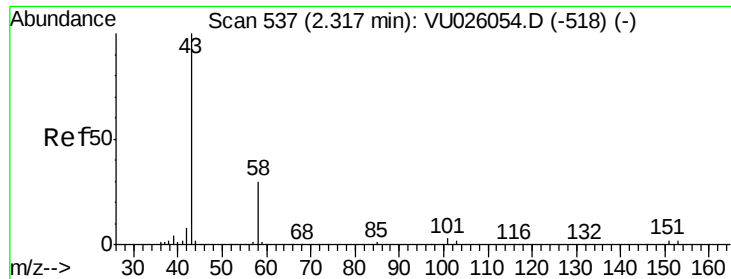
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Aug 14 01:13:22 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.497 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026063.D

Acq: 13 Aug 2018 13:06

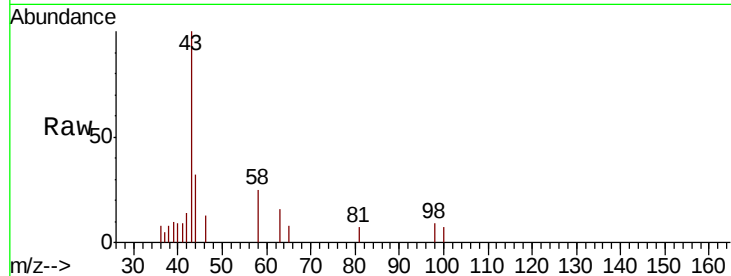
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 3795

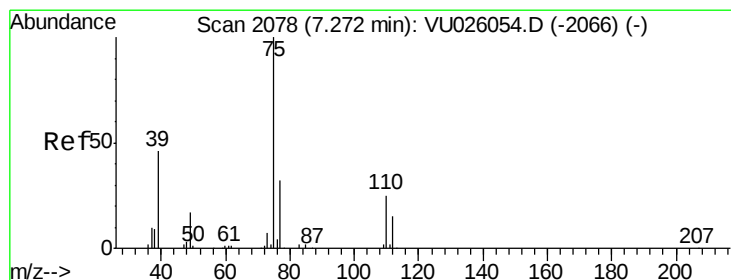
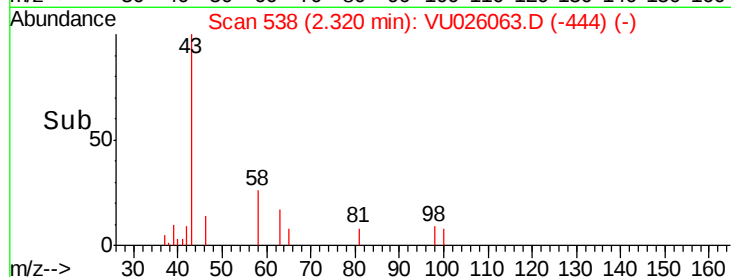
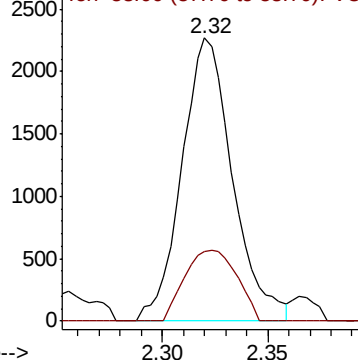
Ion Ratio Lower Upper

43 100

58 25.7 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 1.325 ug/L

RT: 7.23 min Scan# 2066

Delta R.T. -0.04 min

Lab File: VU026063.D

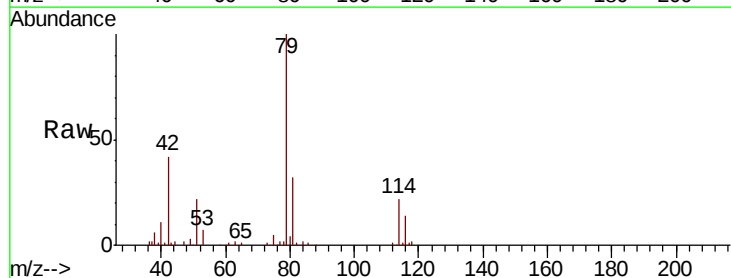
Acq: 13 Aug 2018 13:06

Tgt Ion: 75 Resp: 4234

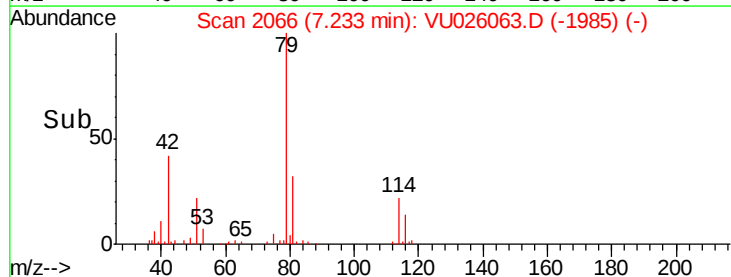
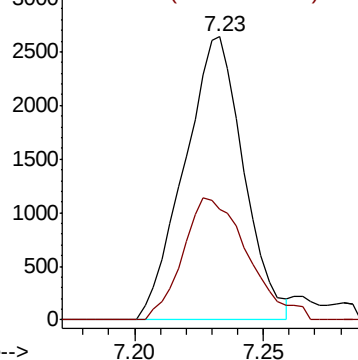
Ion Ratio Lower Upper

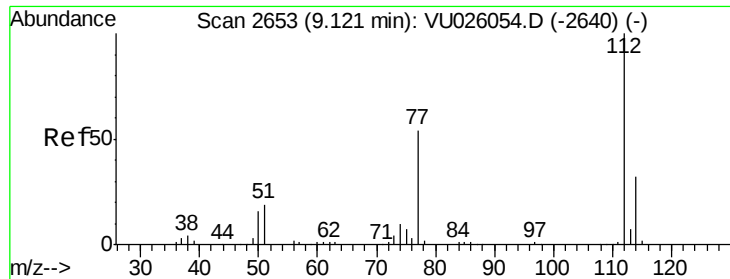
75 100

77 39.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

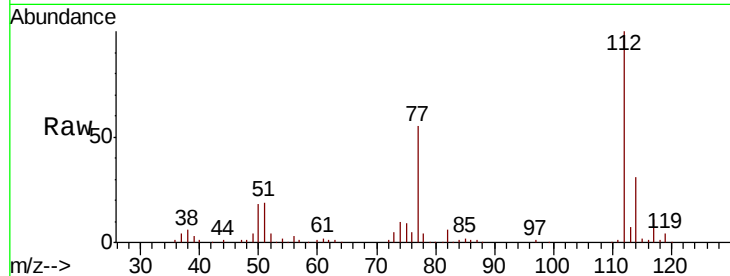




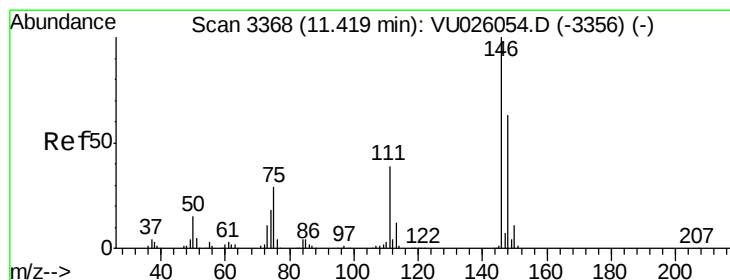
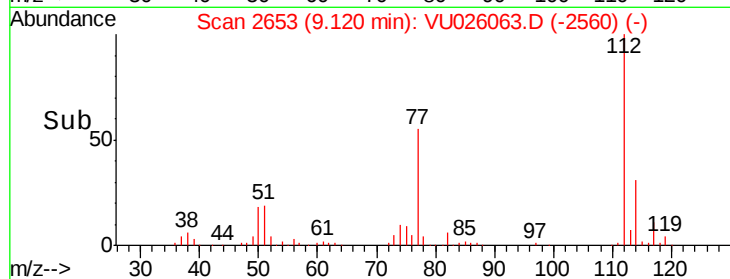
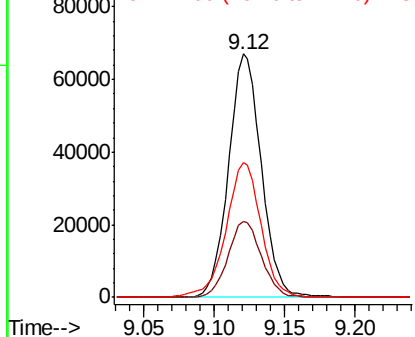
#51
Chlorobenzene
Concen: 19.744 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026063.D
Acq: 13 Aug 2018 13:06

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:112 Resp: 108853
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.3
77 55.4 45.2 67.8

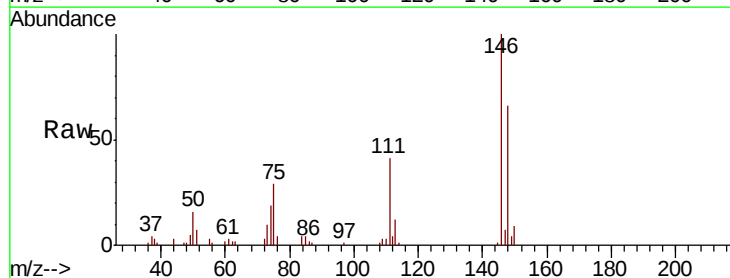


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

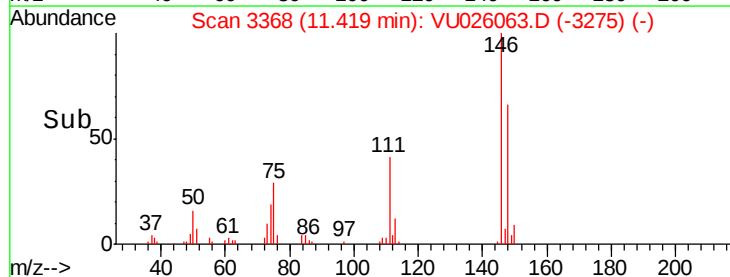
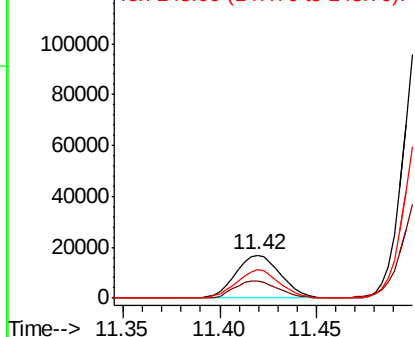


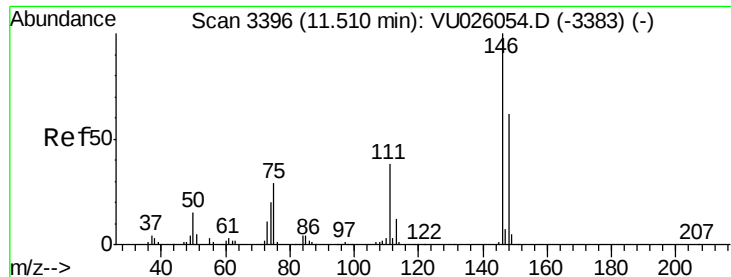
#62
1,3-Dichlorobenzene
Concen: 6.750 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. -0.00 min
Lab File: VU026063.D
Acq: 13 Aug 2018 13:06

Tgt Ion:146 Resp: 27221
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.9
148 65.6 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

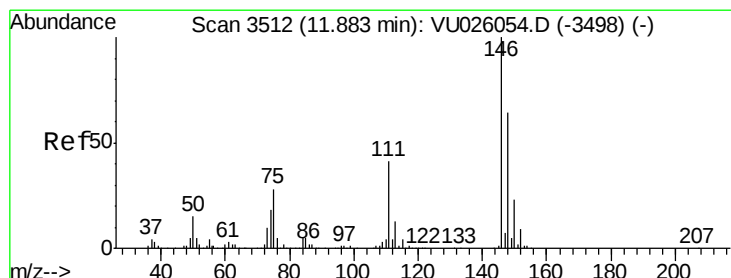
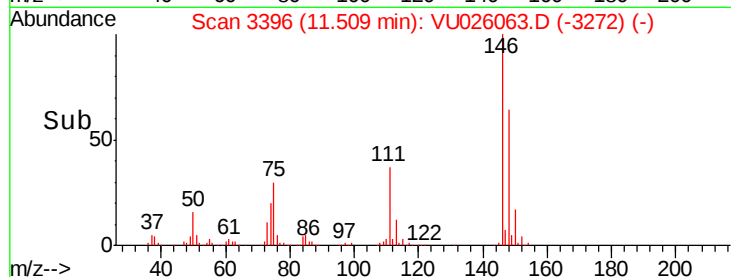
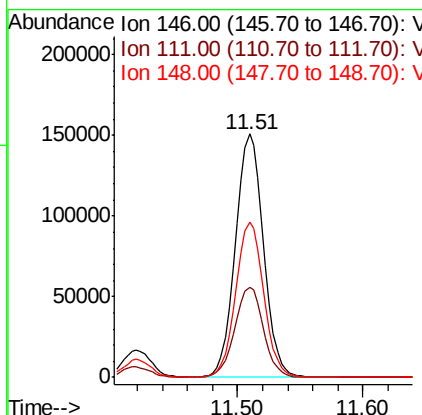
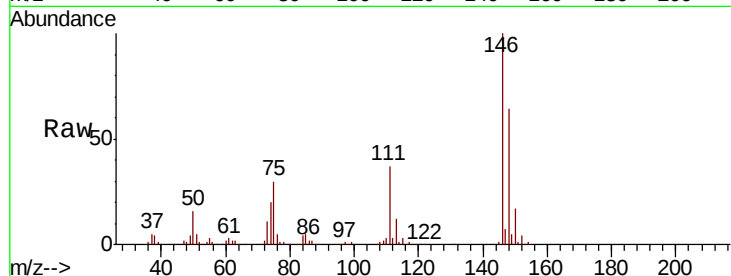




#63
 1,4-Dichlorobenzene
 Concen: 55.466 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU026063.D
 Acq: 13 Aug 2018 13:06

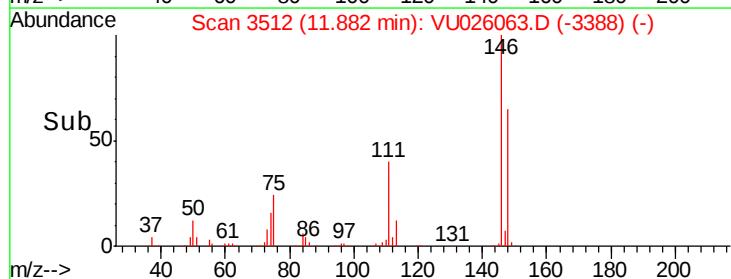
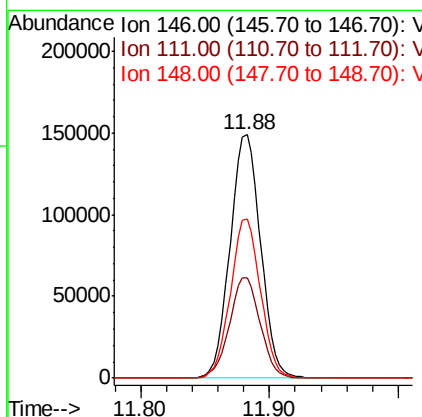
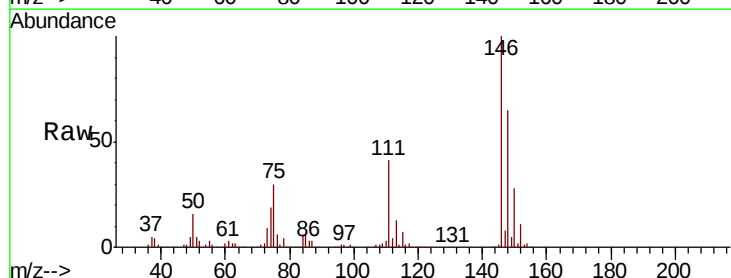
Instrument :
 MSVOA_U
 ClientSampleId :

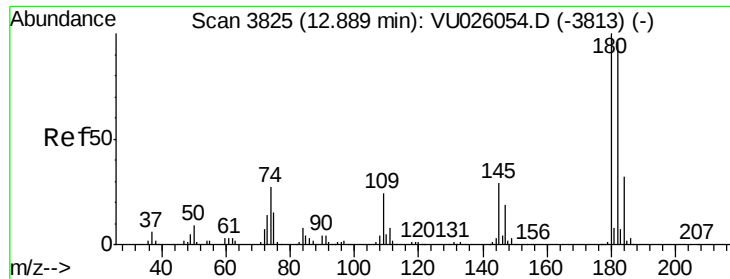
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.4	49.0
148	64.0	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 56.847 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026063.D
 Acq: 13 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	32.4	48.6
148	65.2	50.1	75.1

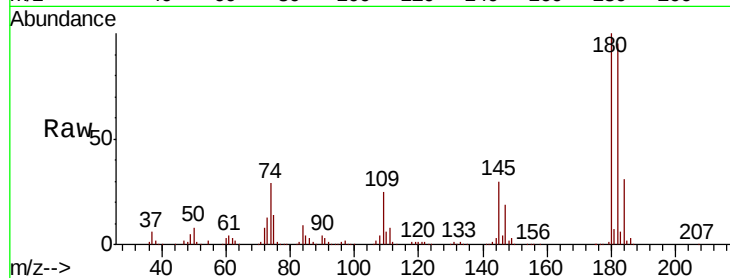




#67
 1,3,5-Trichlorobenzene
 Concen: 158.916 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU026063.D
 Acq: 13 Aug 2018 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.5	114.7
184	30.4	24.3	36.5
145	29.7	23.5	35.3



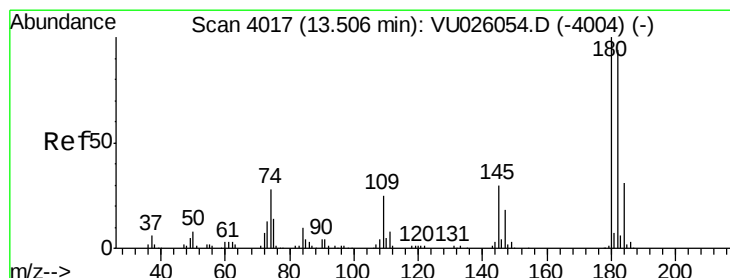
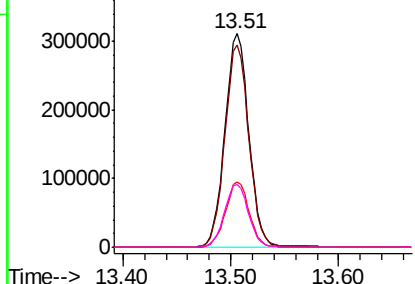
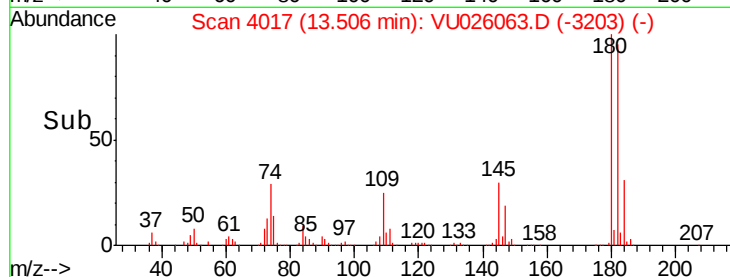
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

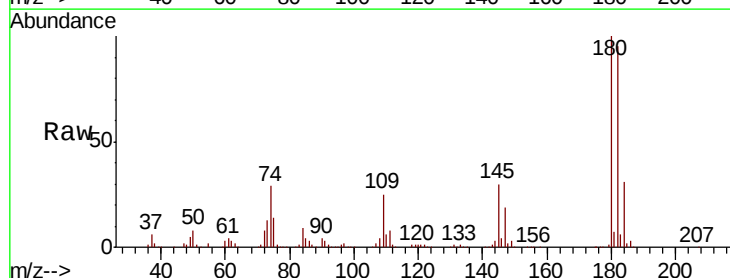
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 187.923 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU026063.D
 Acq: 13 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.5	114.7
145	29.7	24.2	36.4

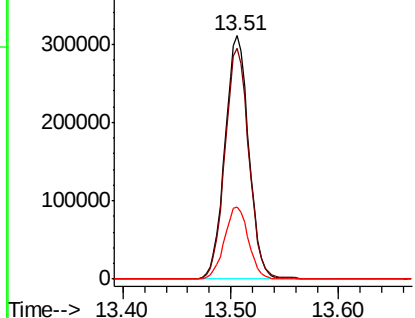
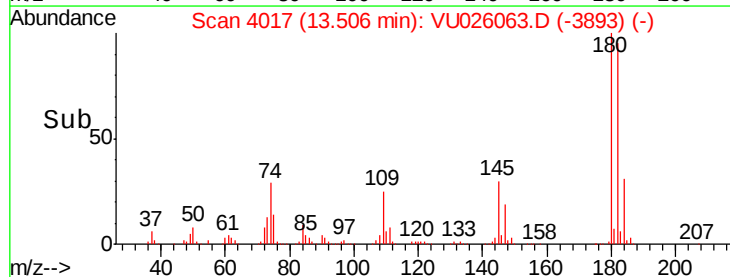


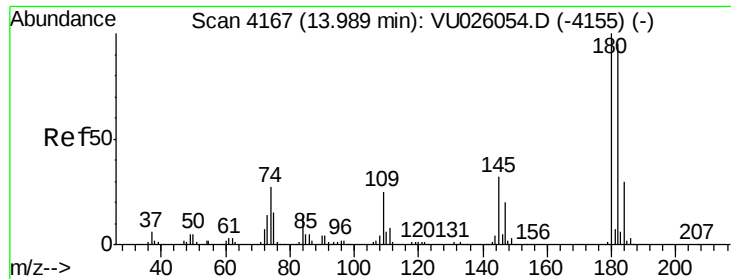
Abundance

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

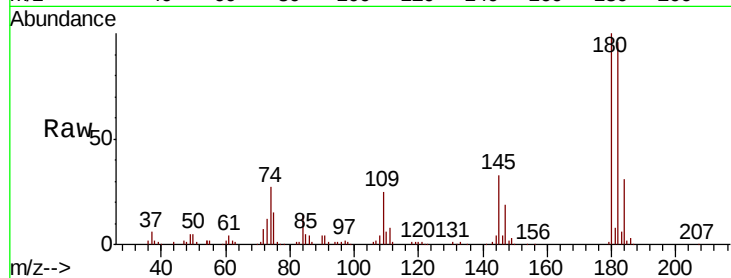




#70
 1,2,3-Trichlorobenzene
 Concen: 43.540 ug/L
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU026063.D
 Acq: 13 Aug 2018 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	94.6	76.5	114.7	
145	31.5	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

