

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026069.D
 Acq On : 13 Aug 2018 15:33
 Operator : MD/SY
 Sample : J4402-04 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:16:02 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	266101	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	249895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	116625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85854	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.28%
7) Chloroethane-d5	1.68	69	72060	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.46%
11) 1,1-Dichloroethene-d2	2.27	63	134714	36.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.90%
21) 2-Butanone-d5	4.18	46	135513	83.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.59%
24) Chloroform-d	4.65	84	191396	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	128663	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.35	84	370113	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.33	67	121613	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.57	98	338088	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%
43) trans-1,3-Dichloropropene-	7.85	79	56725	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.68%
47) 2-Hexanone-d5	8.31	63	93296	81.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	163866	44.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	142887	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

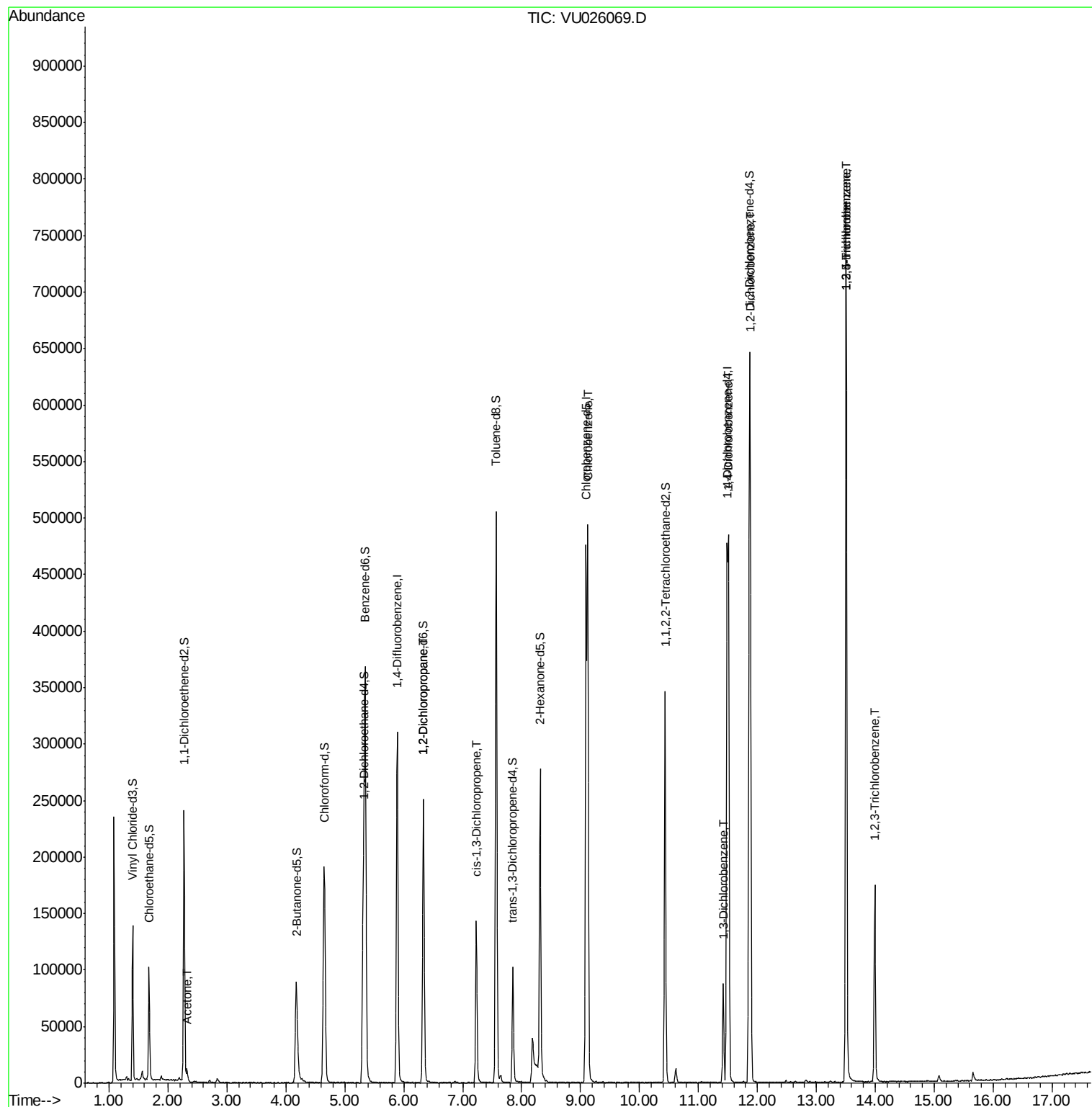
					Ovalue
13) Acetone	2.32	43	9680	9.612	ug/L 99
37) 1,2-Dichloropropane	6.33	63	13707	7.038	ug/L # 88
39) cis-1,3-Dichloropropene	7.23	75	4018	1.361	ug/L # 69
51) Chlorobenzene	9.12	112	257475	50.546	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	36375	10.019	ug/L 99
63) 1,4-Dichlorobenzene	11.51	146	180122	47.324	ug/L 97
65) 1,2-Dichlorobenzene	11.88	146	172257	44.572	ug/L 98
67) 1,3,5-Trichlorobenzene	13.51	180	245851	90.600	ug/L 100
68) 1,2,4-trichlorobenzene	13.51	180	245851	107.138	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	57042	23.128	ug/L 100

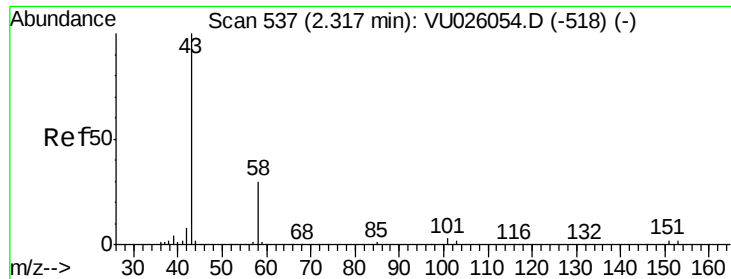
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 9.612 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026069.D

Acq: 13 Aug 2018 15:33

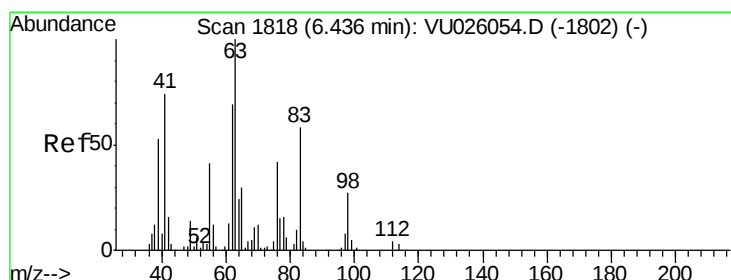
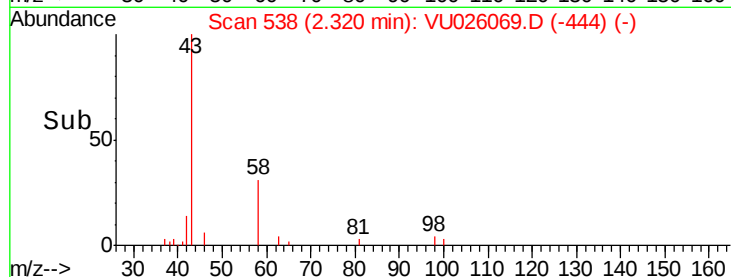
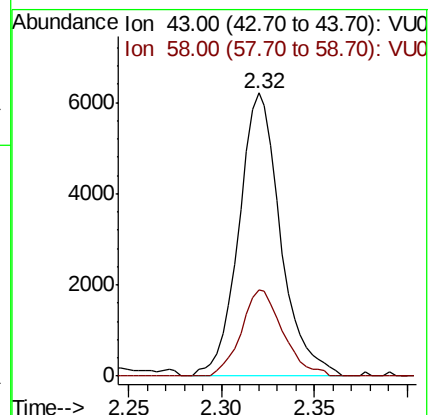
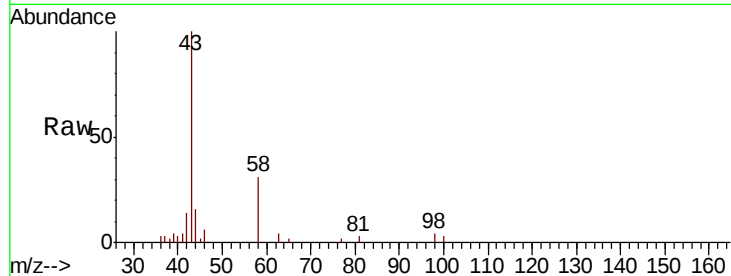
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 9680

Ion Ratio Lower Upper

43 100

58 30.3 0.0 61.8



#37

1,2-Dichloropropane

Concen: 7.038 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026069.D

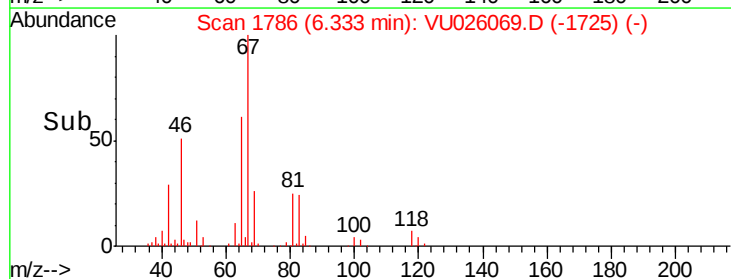
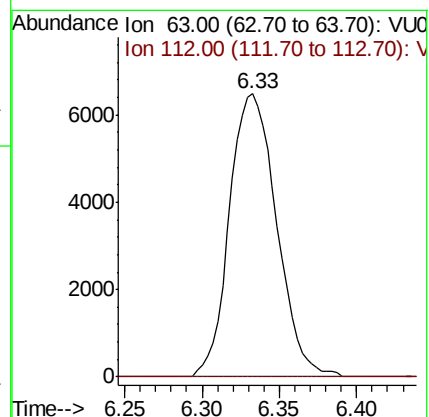
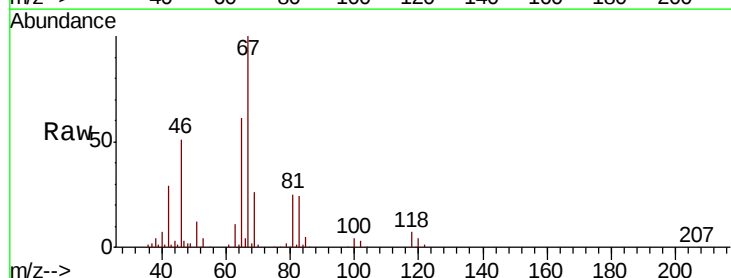
Acq: 13 Aug 2018 15:33

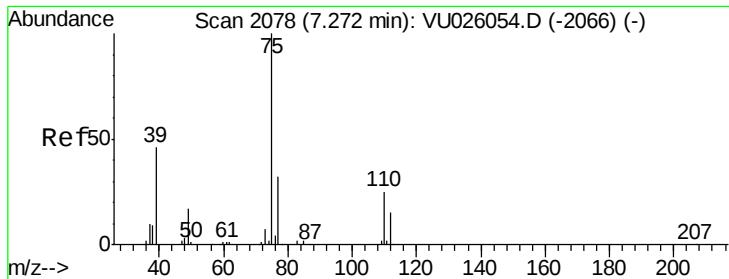
Tgt Ion: 63 Resp: 13707

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

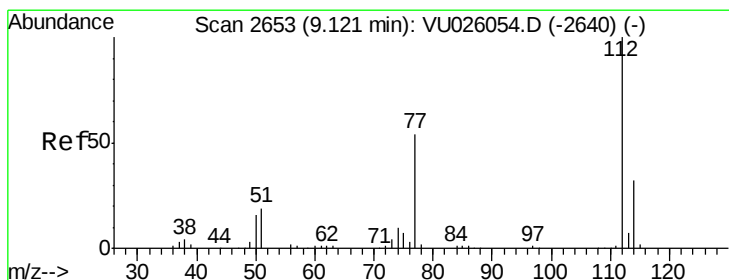
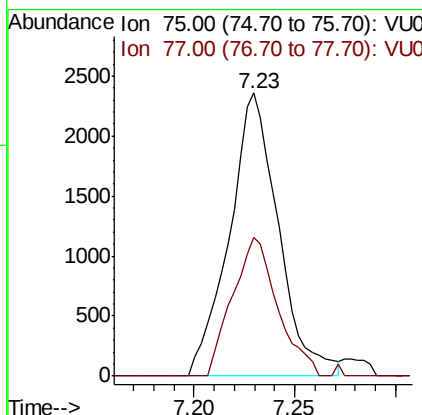
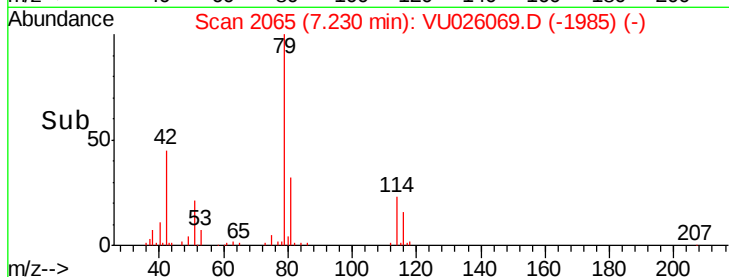
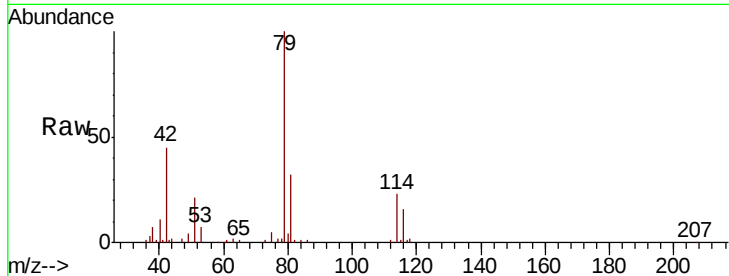




#39
 cis-1,3-Dichloropropene
 Concen: 1.361 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU026069.D
 Acq: 13 Aug 2018 15:33

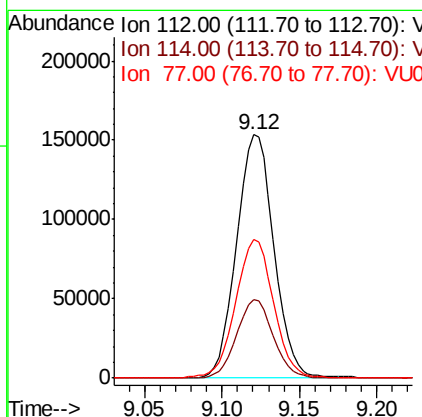
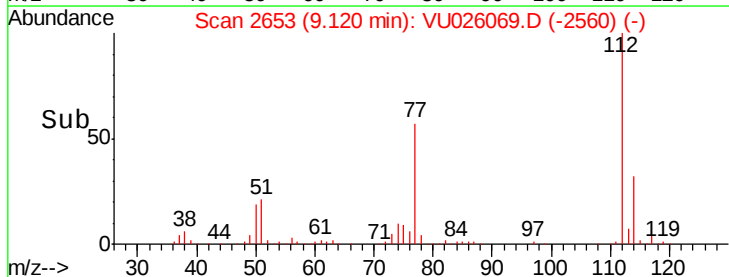
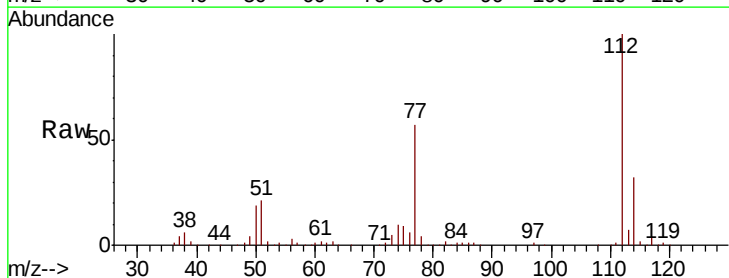
Instrument :
 MSVOA_U
 ClientSampleId :

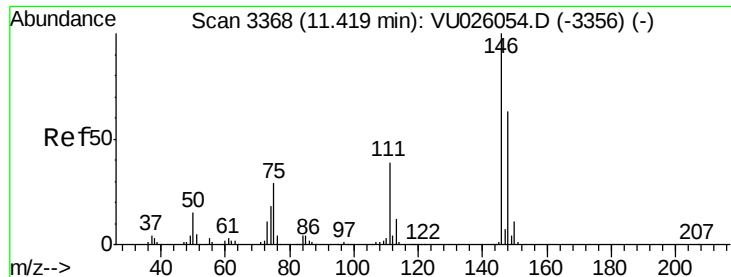
Tot Ion: 75 Resp: 4018
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.1 41.1#



#51
 Chlorobenzene
 Concen: 50.546 ug/L
 RT: 9.12 min Scan# 2653
 Delta R.T. -0.00 min
 Lab File: VU026069.D
 Acq: 13 Aug 2018 15:33

Tgt Ion: 112 Resp: 257475
 Ion Ratio Lower Upper
 112 100
 114 32.2 22.7 42.3
 77 57.1 45.2 67.8





#62

1,3-Dichlorobenzene

Concen: 10.019 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU026069.D

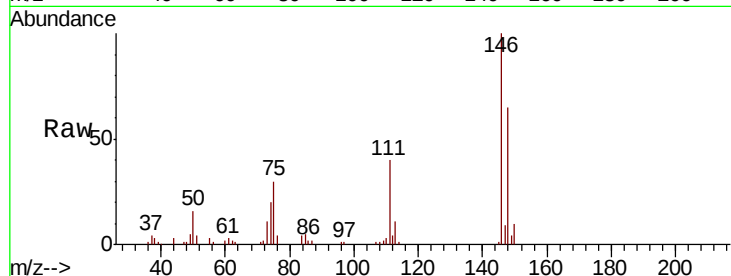
Acq: 13 Aug 2018 15:33

Instrument :

MSVOA_U

ClientSampled :

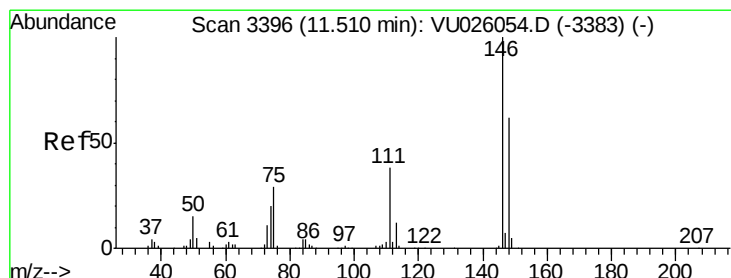
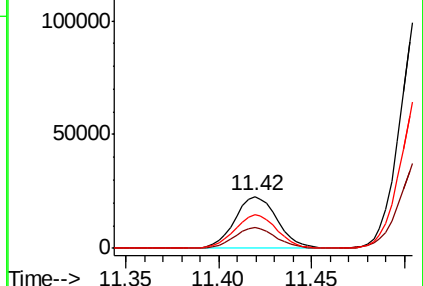
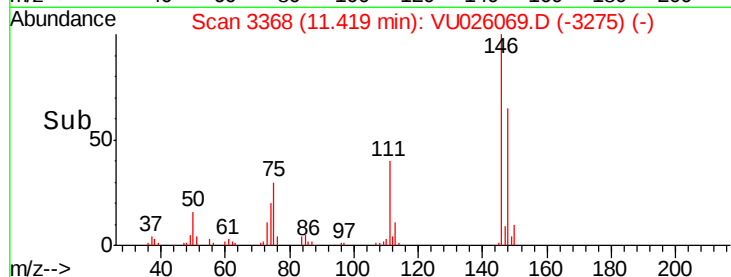
Tot Ion:146	Resp:	36375
Ion Ratio	Lower	Upper
146	100	
111	40.1	27.9 51.9
148	65.0	46.0 85.4



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: 47.324 ug/L

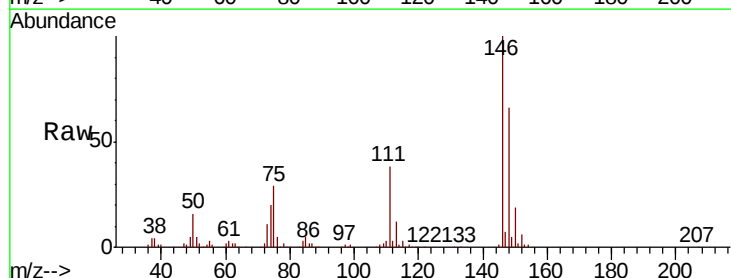
RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU026069.D

Acq: 13 Aug 2018 15:33

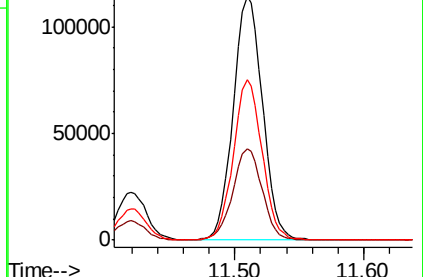
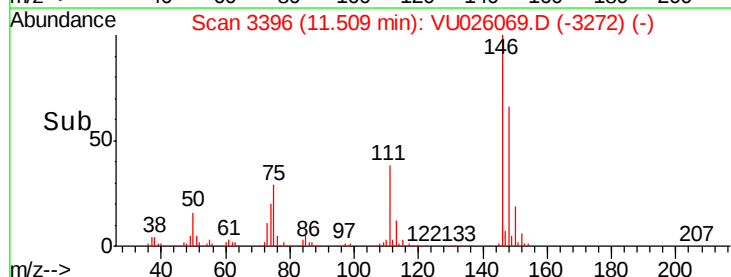
Tgt Ion:146	Resp:	180122
Ion Ratio	Lower	Upper
146	100	
111	37.7	26.4 49.0
148	65.9	43.8 81.4

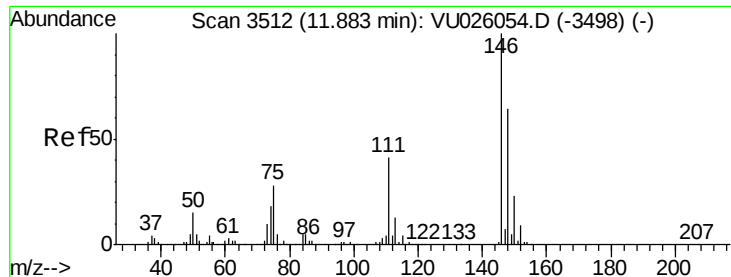


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

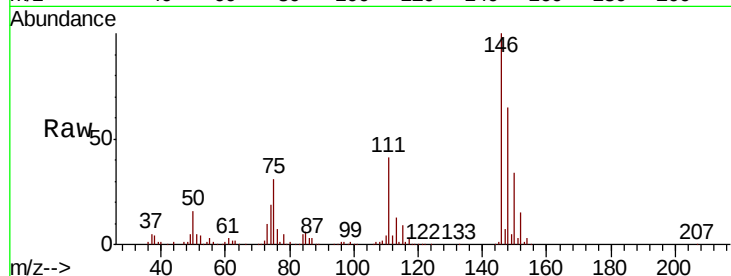




#65
 1,2-Dichlorobenzene
 Concen: 44.572 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026069.D
 Acq: 13 Aug 2018 15:33

Instrument :
 MSVOA_U
 ClientSampled :

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

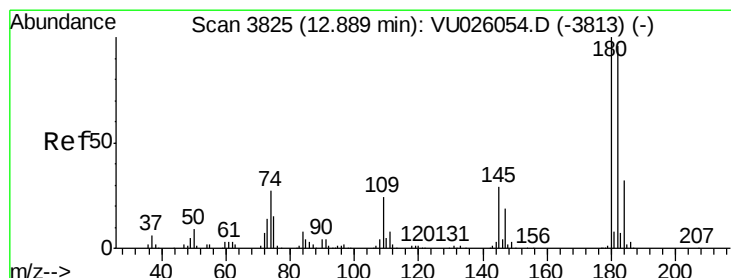
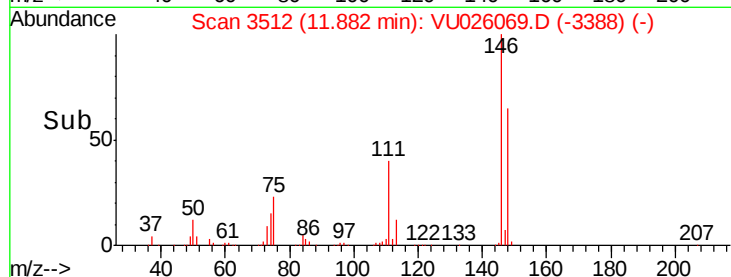
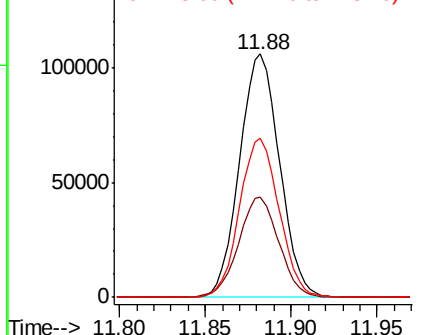


Abundance

Ion 146.00 (145.70 to 146.70): V

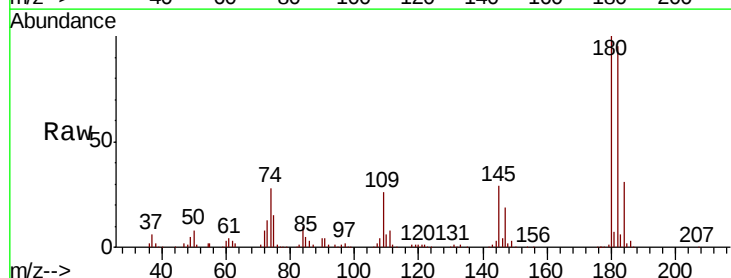
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67
 1,3,5-Trichlorobenzene
 Concen: 90.600 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU026069.D
 Acq: 13 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
184	30.0	24.3	36.5
145	29.0	23.5	35.3



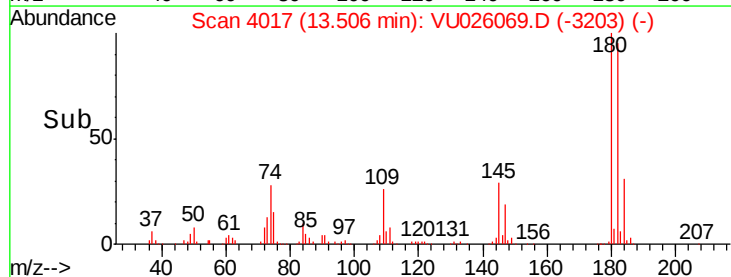
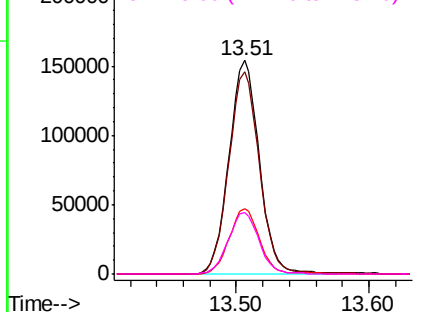
Abundance

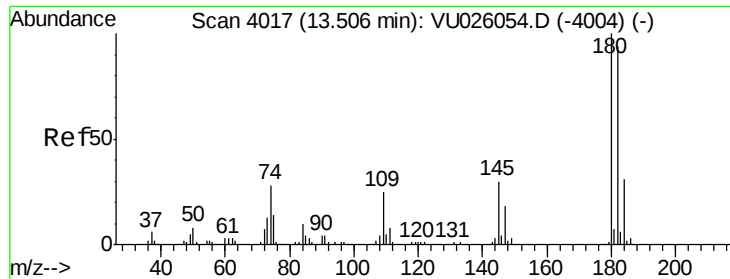
Ion 180.00 (179.70 to 180.70): V

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

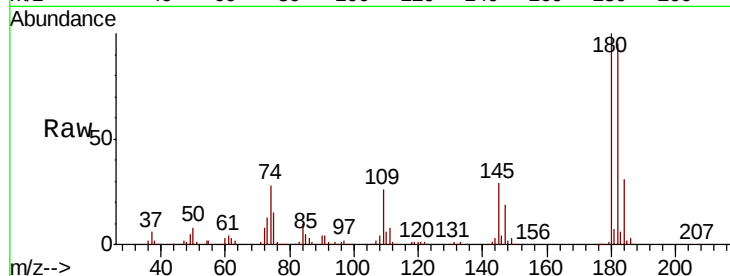




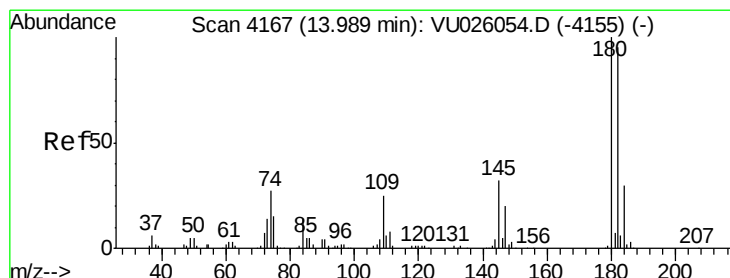
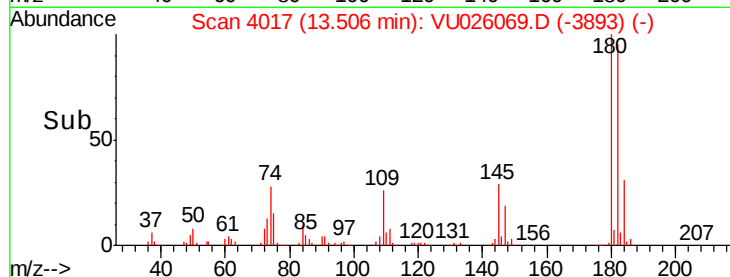
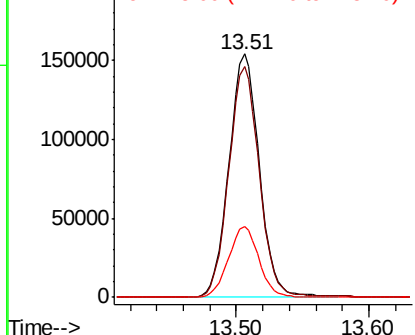
#68
 1,2,4-trichlorobenzene
 Concen: 107.138 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU026069.D
 Acq: 13 Aug 2018 15:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 245851
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.5 114.7
 145 29.0 24.2 36.4

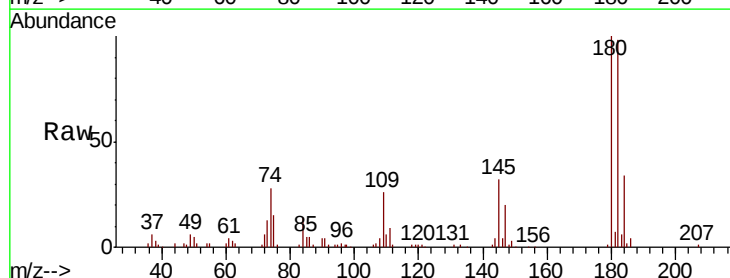


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 23.128 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU026069.D
 Acq: 13 Aug 2018 15:33

Tgt Ion:180 Resp: 57042
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.5 114.7
 145 31.1 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

