

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026027.D
 Acq On : 10 Aug 2018 04:08
 Operator : MD/SY
 Sample : J4401-13 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 07:44:03 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	290873	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	268384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	117000	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74635	35.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.20%
7) Chloroethane-d5	1.68	69	65827	39.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.10%
11) 1,1-Dichloroethene-d2	2.27	63	112842	27.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.86%#
21) 2-Butanone-d5	4.18	46	151833	85.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.68%
24) Chloroform-d	4.65	84	184403	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.31	65	132361	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.92%
32) Benzene-d6	5.35	84	357179	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
36) 1,2-Dichloropropane-d6	6.33	67	120159	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.12%
41) Toluene-d8	7.57	98	320467	40.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.38%
43) trans-1,3-Dichloropropene-	7.85	79	53861	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
47) 2-Hexanone-d5	8.31	63	104476	85.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.30%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168149	42.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	129907	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%

Target Compounds

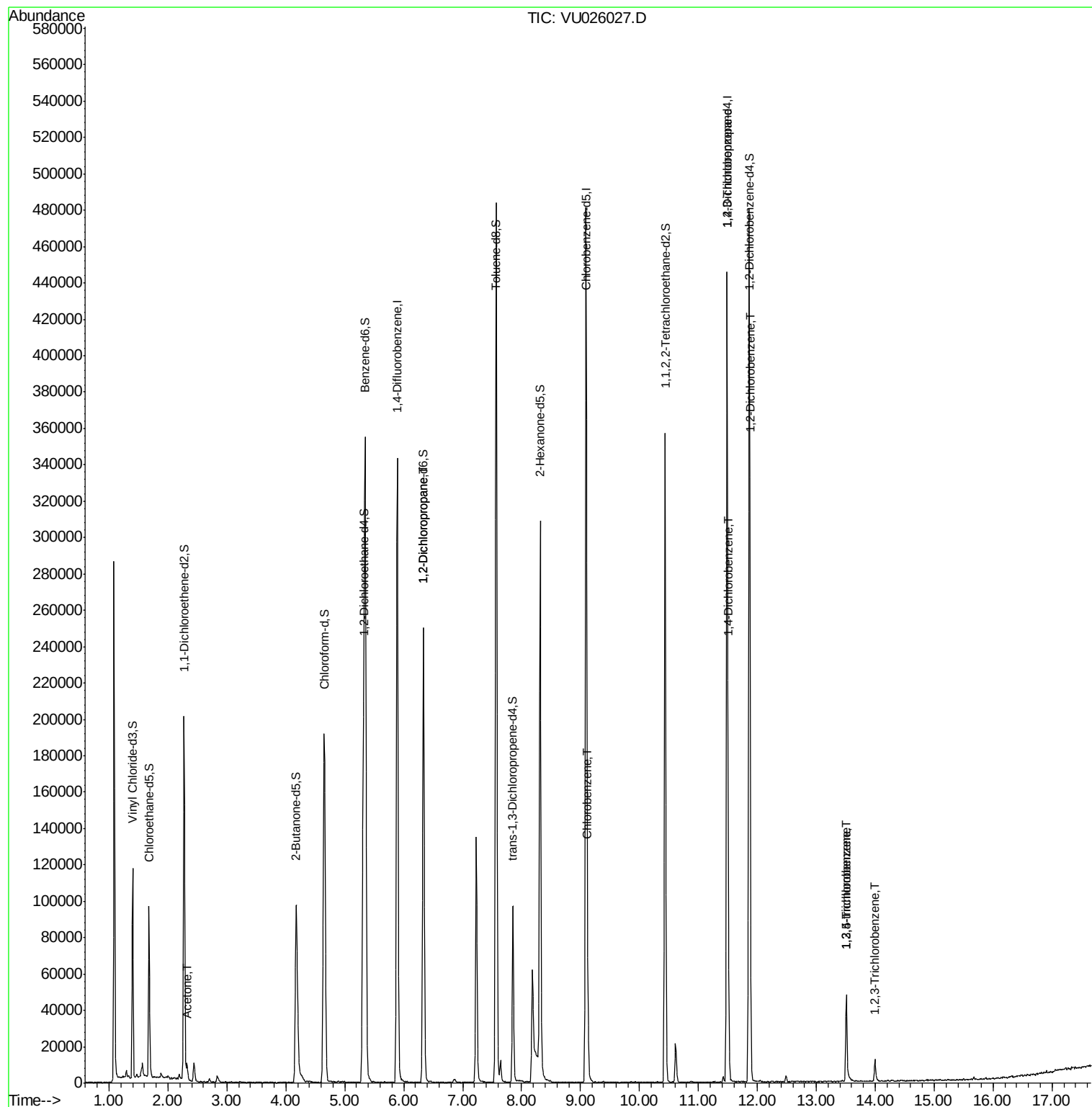
					Ovalue
13) Acetone	2.32	43	7821	7.105 ug/L	93
37) 1,2-Dichloropropane	6.33	63	13053	6.241 ug/L #	88
51) Chlorobenzene	9.12	112	24623	4.501 ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	16652	6.173 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	13630	3.570 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	13410	3.459 ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	16407	6.027 ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	16407	7.127 ug/L	95
70) 1,2,3-Trichlorobenzene	13.99	180	4948	2.000 ug/L	97

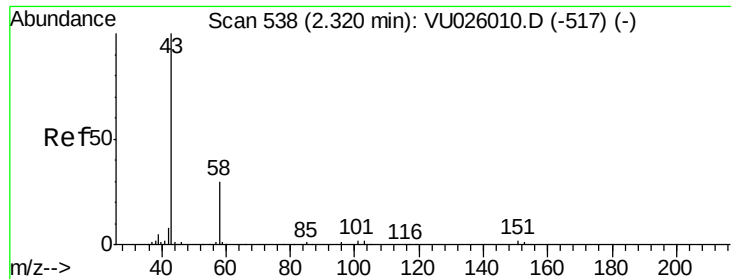
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 7.105 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026027.D

Acq: 10 Aug 2018 04:08

Instrument :

MSVOA_U

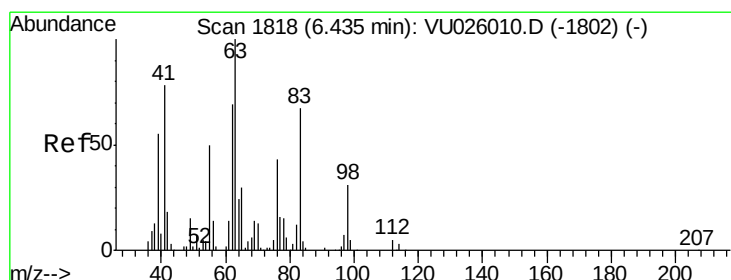
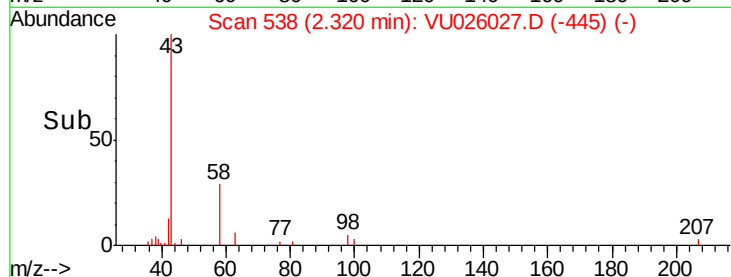
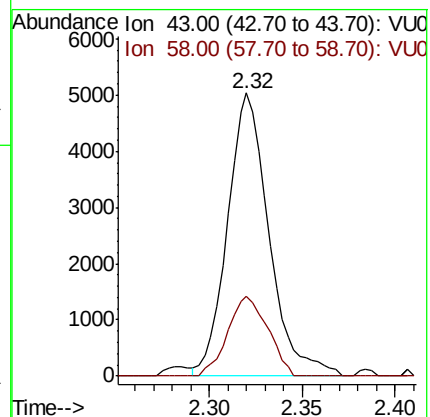
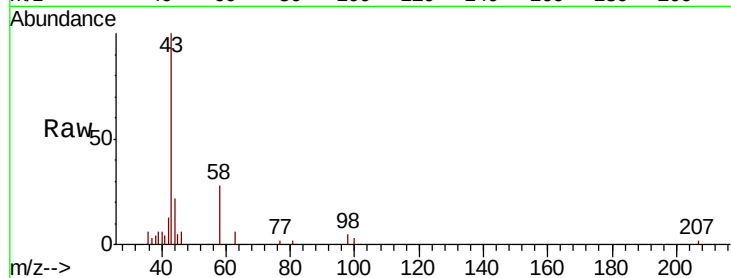
ClientSampleId :

Tot Ion: 43 Resp: 7821

Ion Ratio Lower Upper

43 100

58 27.2 0.0 61.8



#37

1,2-Dichloropropane

Concen: 6.241 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026027.D

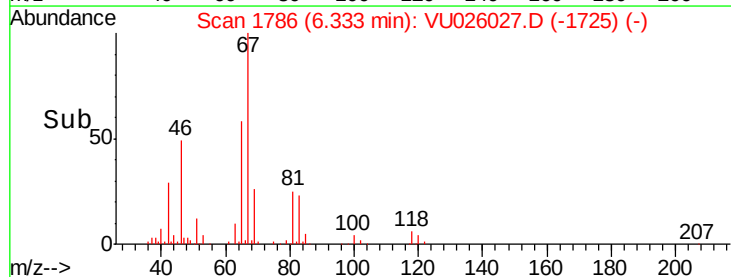
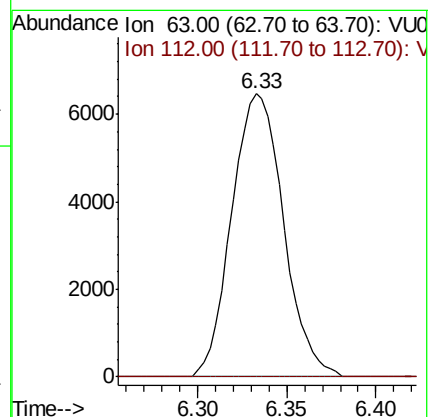
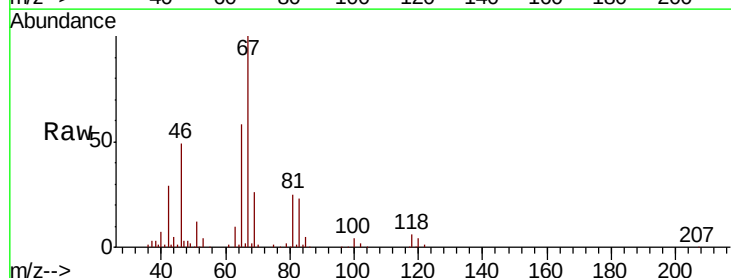
Acq: 10 Aug 2018 04:08

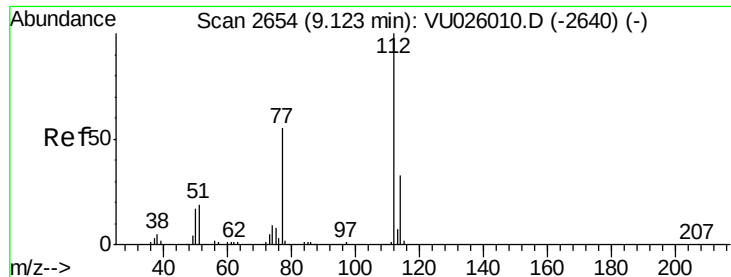
Tgt Ion: 63 Resp: 13053

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

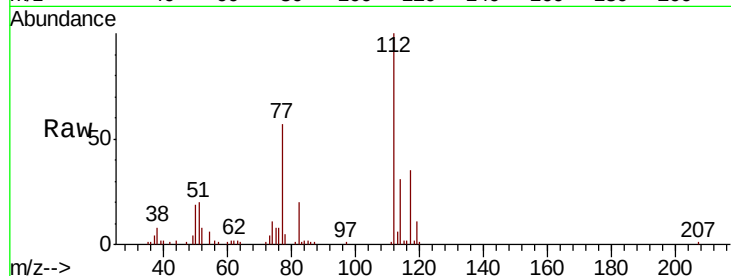




#51
Chlorobenzene
Concen: 4.501 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU026027.D
Acq: 10 Aug 2018 04:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.7	42.3
77	56.8	45.2	67.8

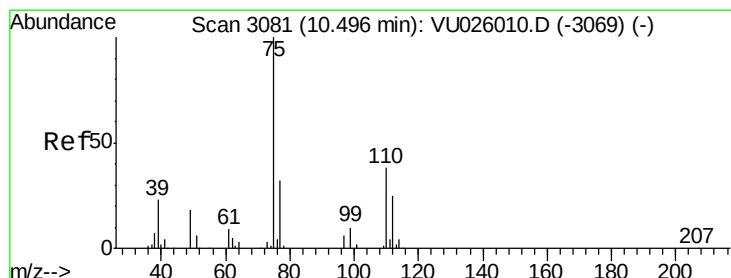
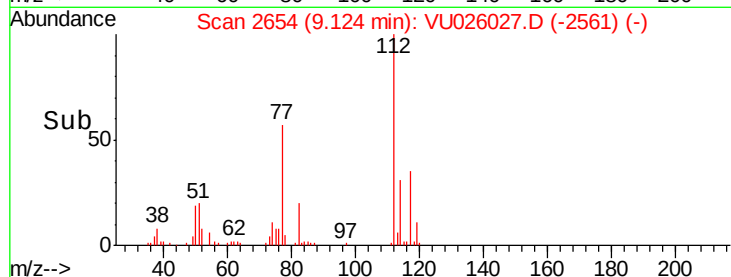
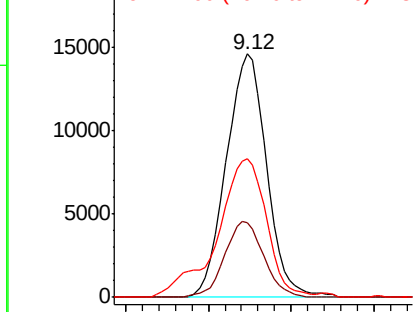


Abundance

Ion 112.00 (111.70 to 112.70): V

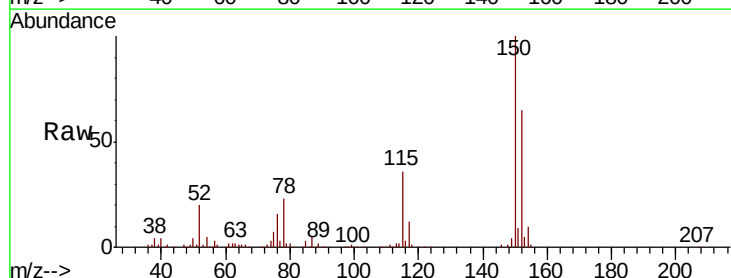
Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59
1,2,3-Trichloropropane
Concen: 6.173 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026027.D
Acq: 10 Aug 2018 04:08

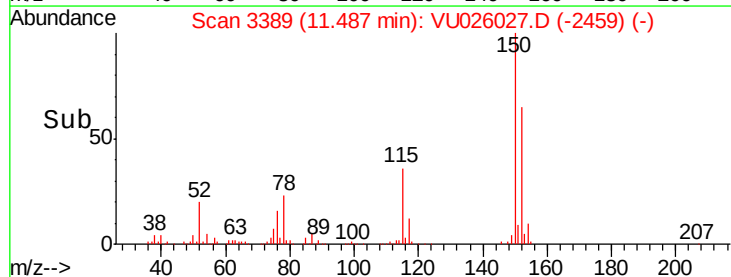
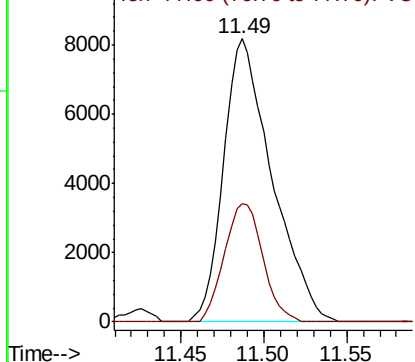
Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.3	37.9

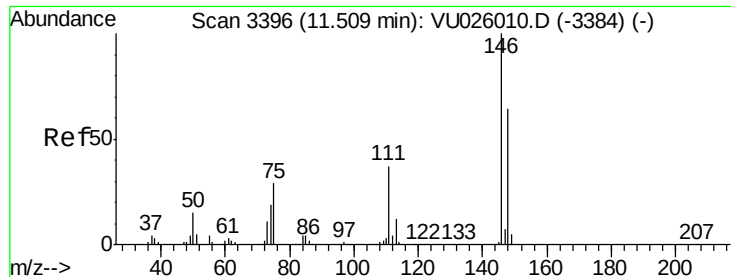


Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

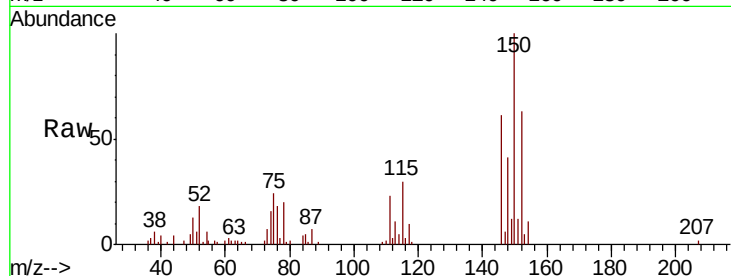




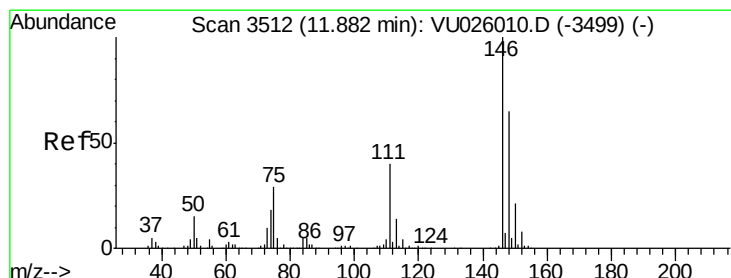
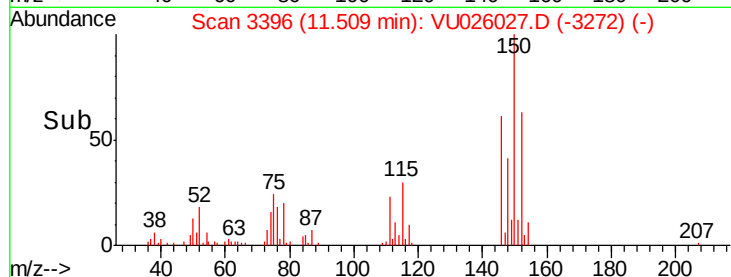
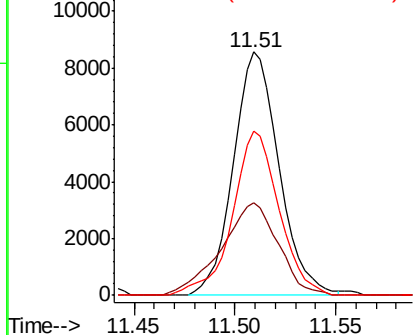
#63
 1,4-Dichlorobenzene
 Concen: 3.570 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026027.D
 Acq: 10 Aug 2018 04:08

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 13630
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.4 49.0
 148 67.4 43.8 81.4

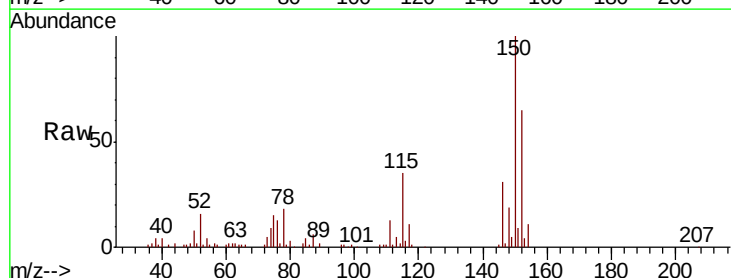


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

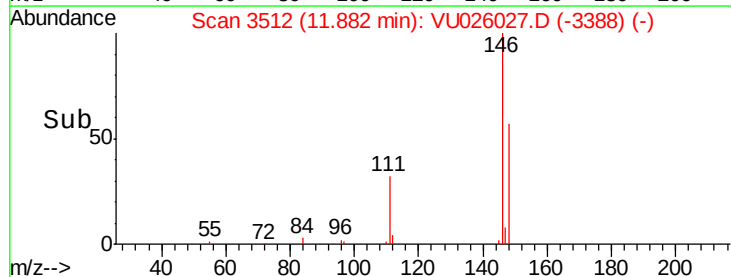
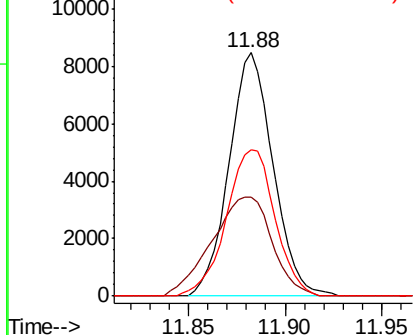


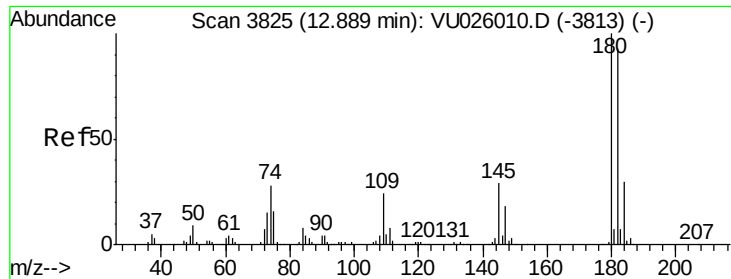
#65
 1,2-Dichlorobenzene
 Concen: 3.459 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026027.D
 Acq: 10 Aug 2018 04:08

Tgt Ion:146 Resp: 13410
 Ion Ratio Lower Upper
 146 100
 111 40.9 32.4 48.6
 148 60.4 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

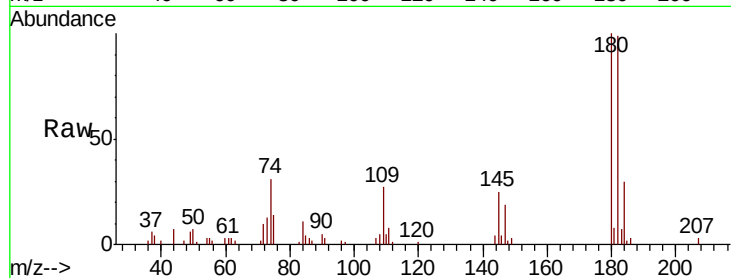




#67
 1,3,5-Trichlorobenzene
 Concen: 6.027 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU026027.D
 Acq: 10 Aug 2018 04:08

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:180	Resp:	16407
Ion	Ratio	Lower Upper
180	100	
182	99.5	76.5 114.7
184	29.7	24.3 36.5
145	25.9	23.5 35.3



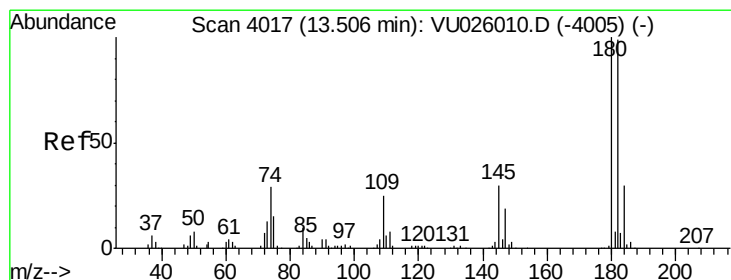
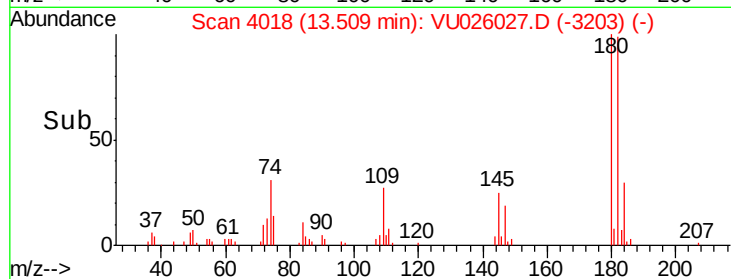
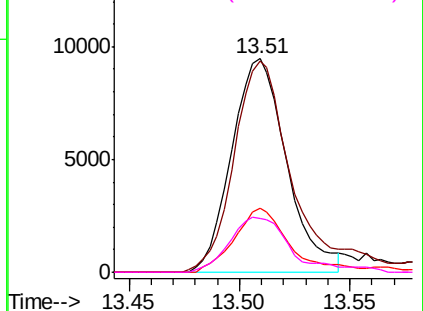
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

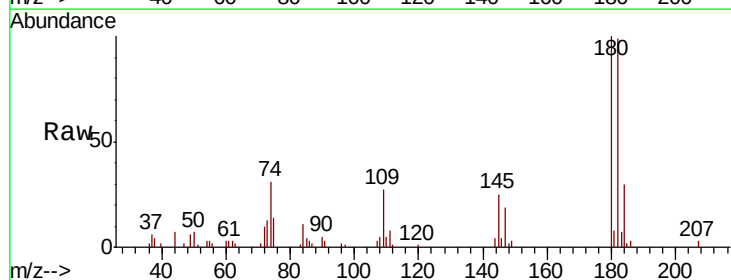
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 7.127 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026027.D
 Acq: 10 Aug 2018 04:08

Tgt Ion:180	Resp:	16407
Ion	Ratio	Lower Upper
180	100	
182	99.5	76.5 114.7
145	25.9	24.2 36.4

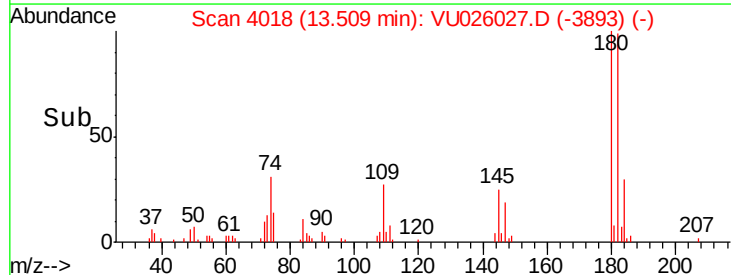
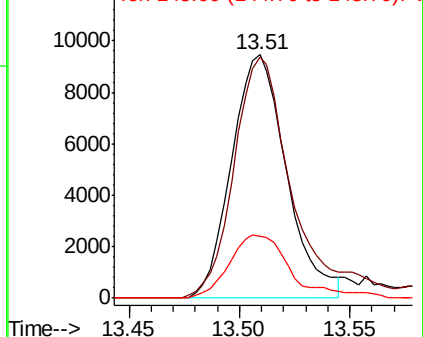


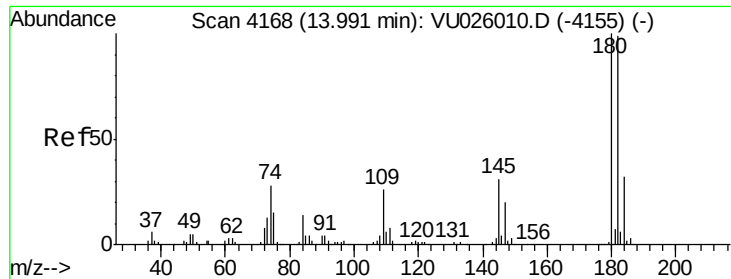
Abundance

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

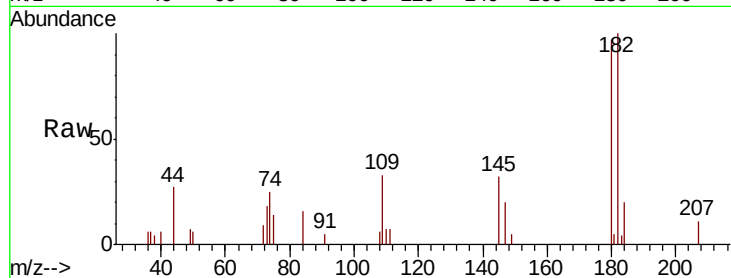




#70
 1,2,3-Trichlorobenzene
 Concen: 2.000 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.00 min
 Lab File: VU026027.D
 Acq: 10 Aug 2018 04:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.3	76.5	114.7
145	30.6	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

