

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
 Data File : VU026098.D
 Acq On : 14 Aug 2018 13:52
 Operator : MD/SY
 Sample : J4451-02DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ4DL

Quant Time: Aug 14 14:31:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	269082	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	248225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	110379	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79216	40.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.54%
7) Chloroethane-d5	1.68	69	71181	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.30%
11) 1,1-Dichloroethene-d2	2.27	63	124163	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	4.18	46	153416	93.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.59%
24) Chloroform-d	4.65	84	194864	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.31	65	132691	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.34	84	372864	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.33	67	122140	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.94%
41) Toluene-d8	7.57	98	334829	45.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.85	79	58758	46.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.52%
47) 2-Hexanone-d5	8.31	63	103719	91.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174051	47.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	137251	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%

Target Compounds

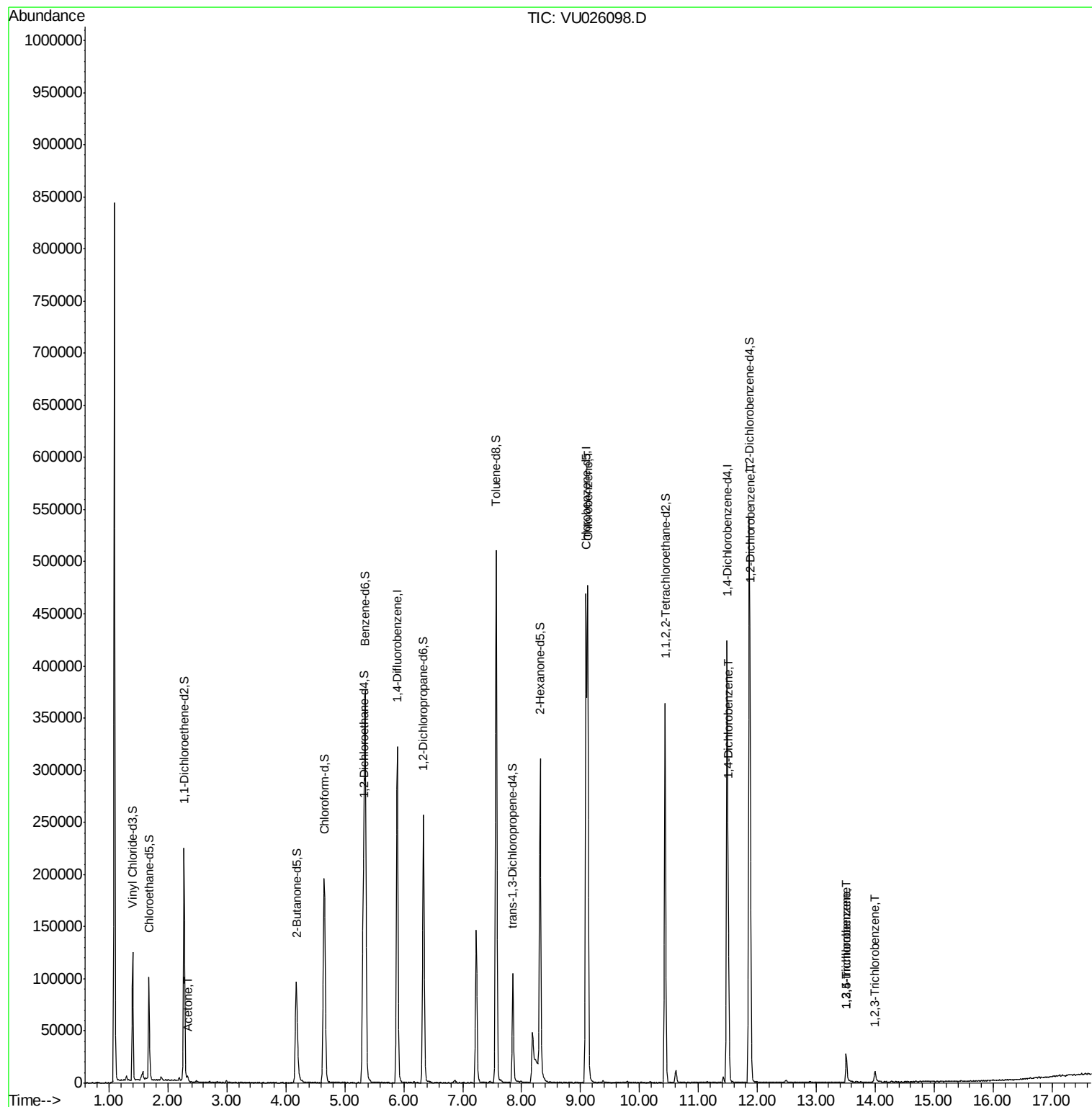
					Qvalue
13) Acetone	2.32	43	2026	1.989 ug/L	81
51) Chlorobenzene	9.12	112	251786	49.762 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	41349	11.479 ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	69700	19.056 ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	10057	3.916 ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	10057	4.631 ug/L	95
70) 1,2,3-Trichlorobenzene	13.99	180	4892	2.096 ug/L	91

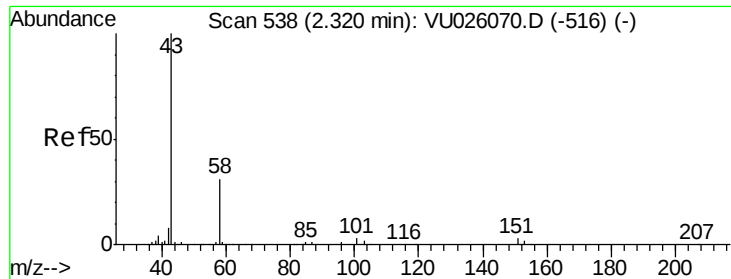
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
Data File : VU026098.D
Acq On : 14 Aug 2018 13:52
Operator : MD/SY
Sample : J4451-02DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZJ4DL

Quant Time: Aug 14 14:31:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 11 00:58:27 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.989 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026098.D

Acq: 14 Aug 2018 13:52

Instrument :

MSVOA_U

ClientSampleId :

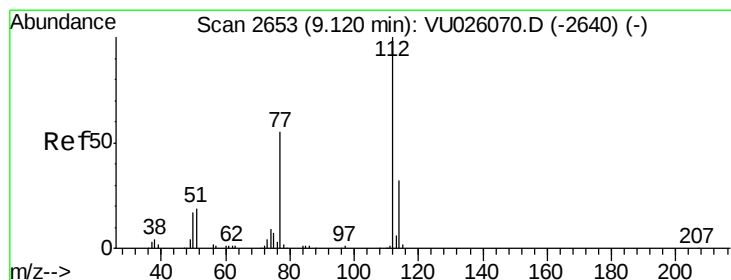
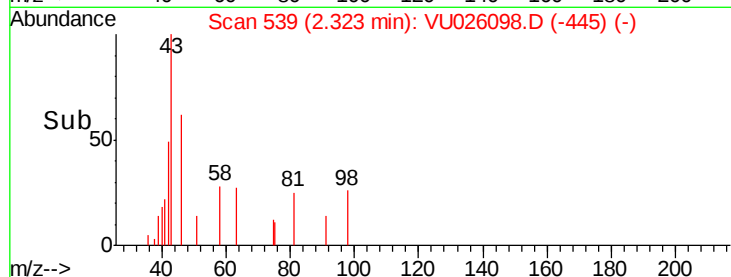
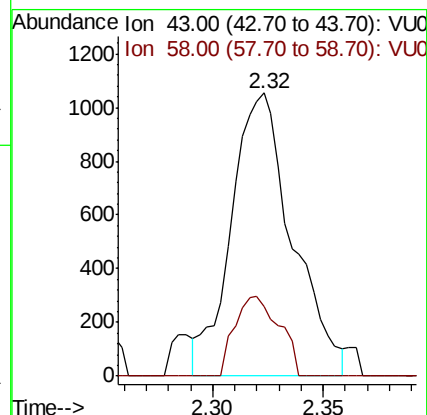
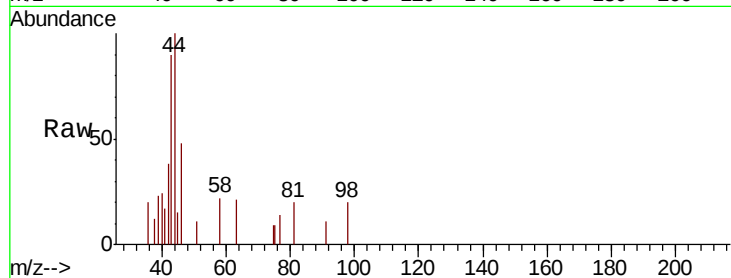
A4ZJ4DL

Tgt Ion: 43 Resp: 2026

Ion Ratio Lower Upper

43 100

58 20.4 0.0 61.8



#51

Chlorobenzene

Concen: 49.762 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU026098.D

Acq: 14 Aug 2018 13:52

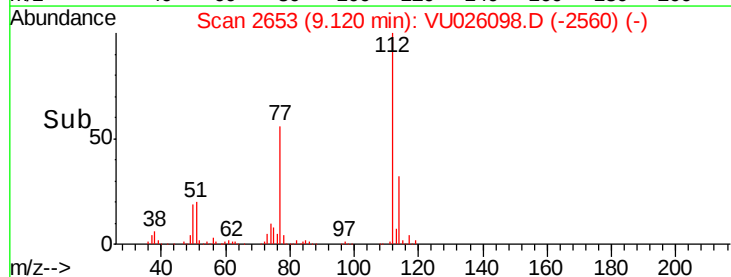
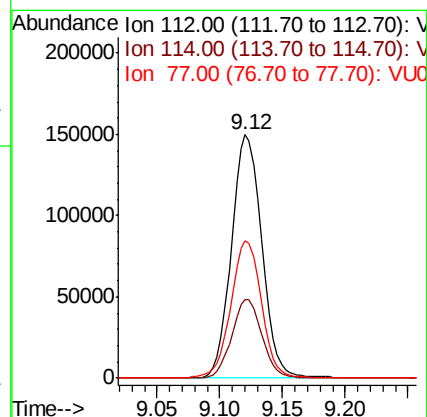
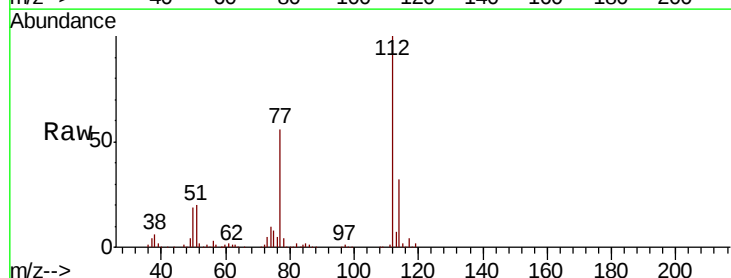
Tgt Ion: 112 Resp: 251786

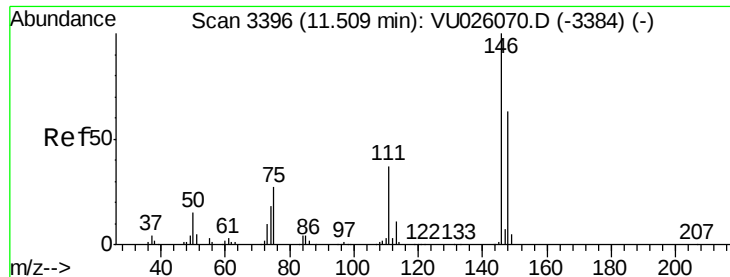
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 56.5 45.2 67.8

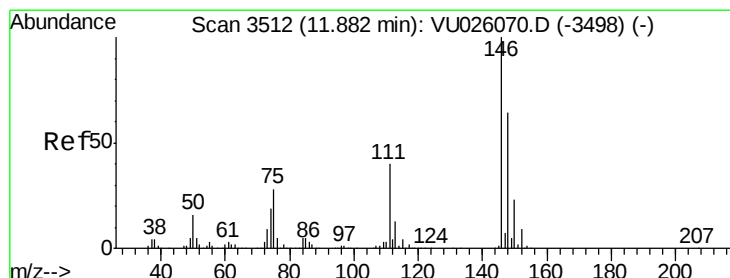
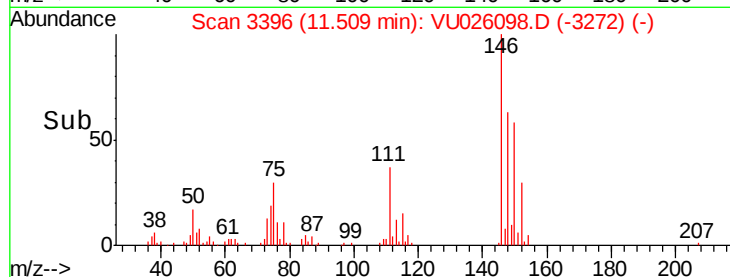
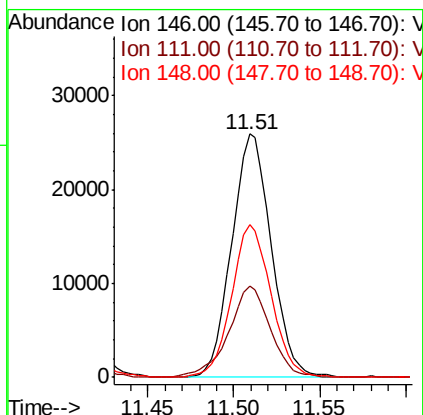
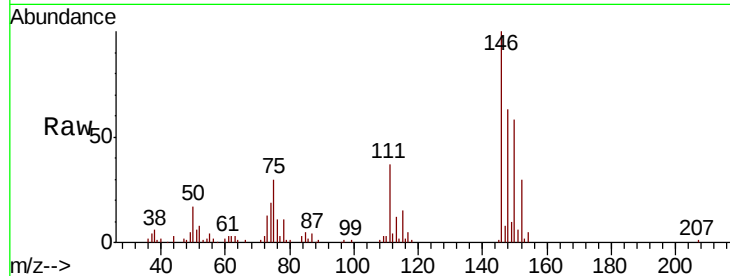




#63
 1,4-Dichlorobenzene
 Concen: 11.479 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026098.D
 Acq: 14 Aug 2018 13:52

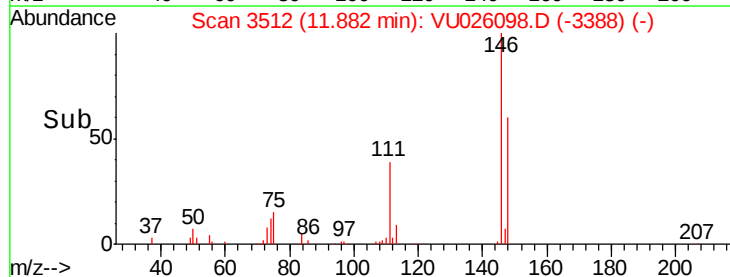
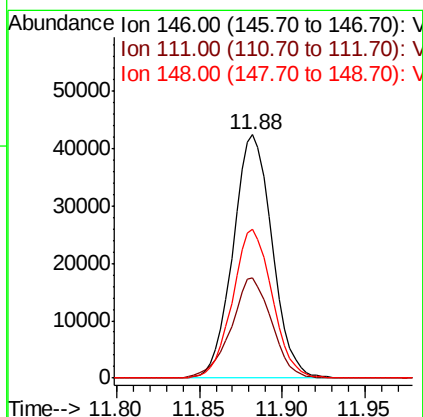
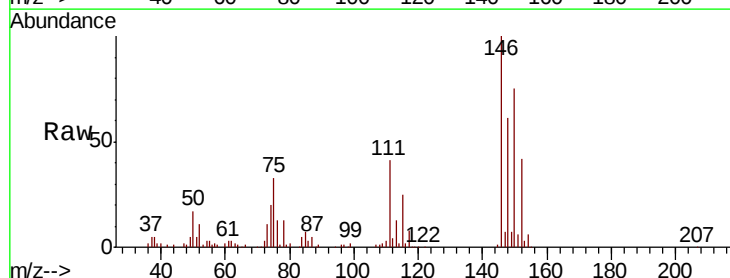
Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ4DL

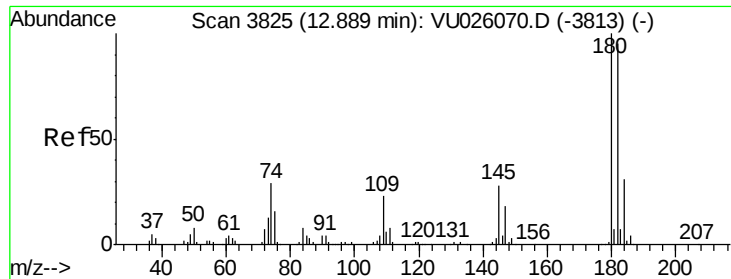
Tgt Ion:146 Resp: 41349
 Ion Ratio Lower Upper
 146 100
 111 37.3 26.4 49.0
 148 62.8 43.8 81.4



#65
 1,2-Dichlorobenzene
 Concen: 19.056 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026098.D
 Acq: 14 Aug 2018 13:52

Tgt Ion:146 Resp: 69700
 Ion Ratio Lower Upper
 146 100
 111 41.3 32.4 48.6
 148 60.9 50.1 75.1

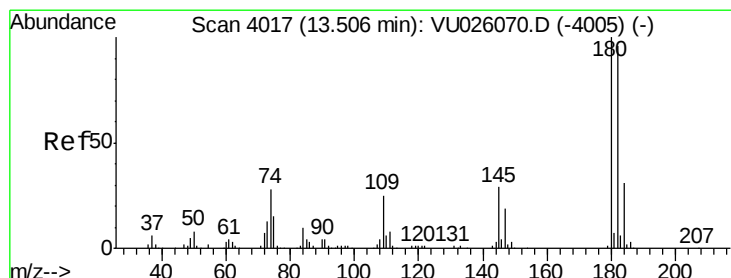
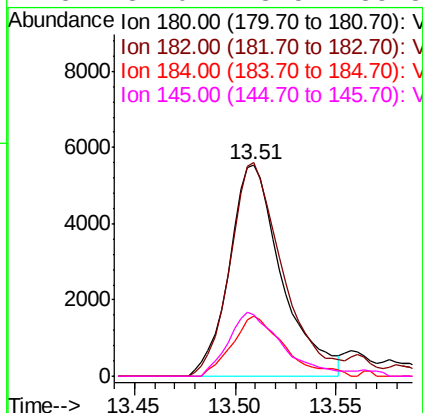
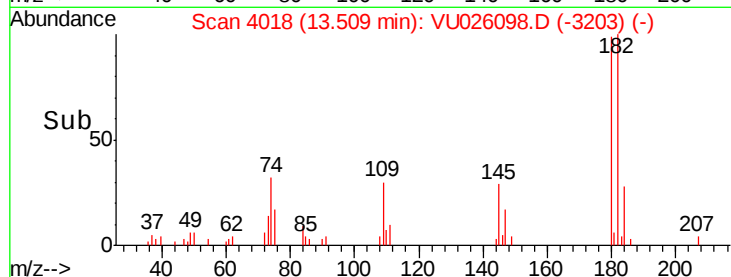
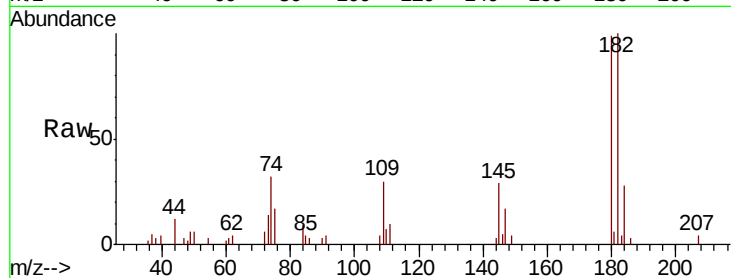




#67
 1,3,5-Trichlorobenzene
 Concen: 3.916 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU026098.D
 Acq: 14 Aug 2018 13:52

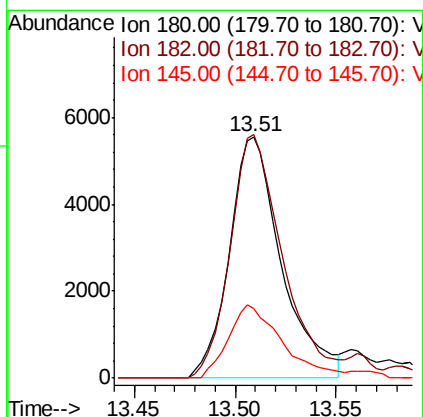
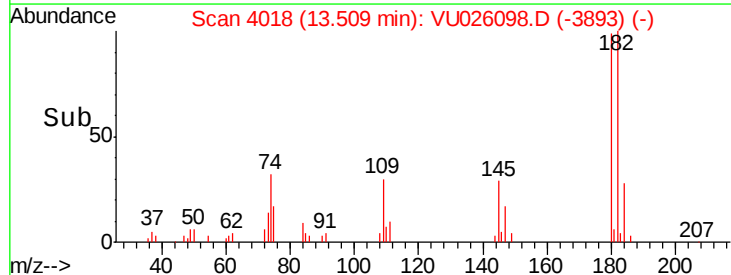
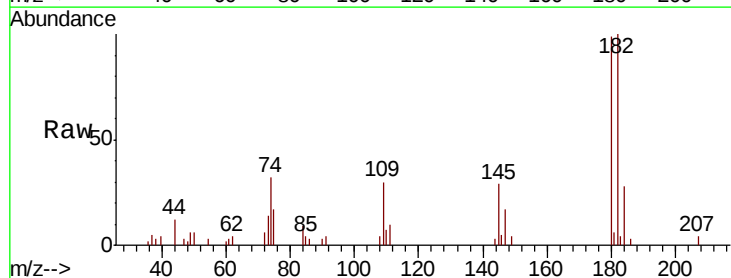
Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ4DL

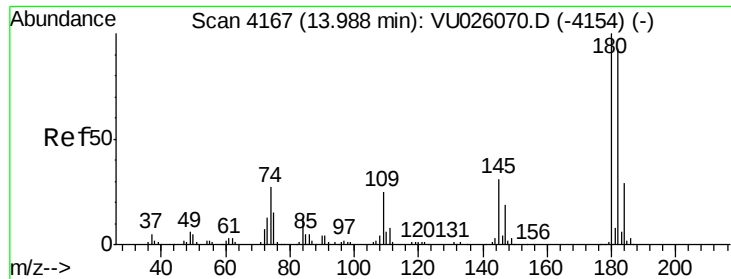
Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	76.5	114.7
184	28.4	24.3	36.5
145	31.0	23.5	35.3



#68
 1,2,4-trichlorobenzene
 Concen: 4.631 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026098.D
 Acq: 14 Aug 2018 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	76.5	114.7
145	31.0	24.2	36.4

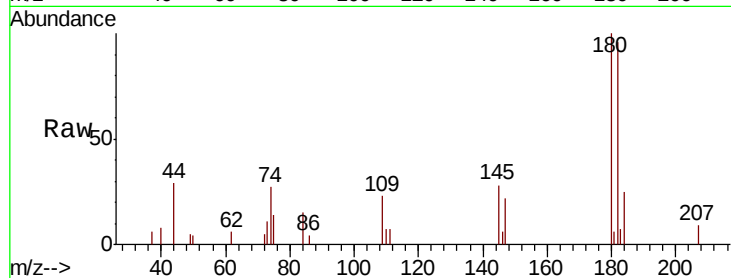




#70
 1,2,3-Trichlorobenzene
 Concen: 2.096 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.01 min
 Lab File: VU026098.D
 Acq: 14 Aug 2018 13:52

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ4DL

Tgt Ion:180 Resp: 4892
 Ion Ratio Lower Upper
 180 100
 182 105.3 76.5 114.7
 145 27.8 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

