

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026030.D
 Acq On : 10 Aug 2018 05:20
 Operator : MD/SY
 Sample : J4401-18 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 08:32:01 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	293103	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	275705	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133103	50.00	ug/L	0.00

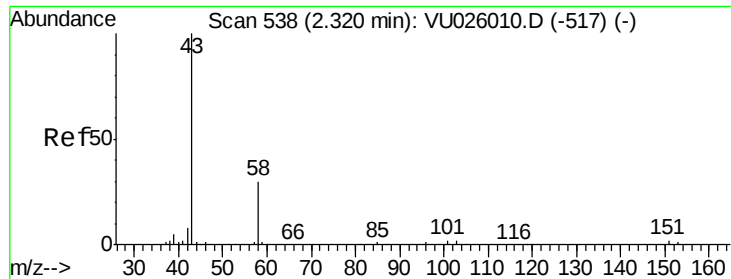
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72369	33.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.56%
7) Chloroethane-d5	1.68	69	66901	39.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.78%
11) 1,1-Dichloroethene-d2	2.27	63	112495	27.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.26%#
21) 2-Butanone-d5	4.18	46	148894	83.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.38%
24) Chloroform-d	4.65	84	189174	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	5.31	65	130477	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
32) Benzene-d6	5.35	84	355868	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.14%
36) 1,2-Dichloropropane-d6	6.33	67	118290	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.40%
41) Toluene-d8	7.57	98	322488	39.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.74%#
43) trans-1,3-Dichloropropene-	7.85	79	51300	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.52%
47) 2-Hexanone-d5	8.31	63	104077	82.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.72%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168727	41.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	140376	42.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.56%

Target Compounds

					Ovalue
13) Acetone	2.32	43	49506	44.630	ug/L 96
22) 2-Butanone	4.27	43	6693	4.170	ug/L 88
35) Methylcyclohexane	6.33	83	27546	8.794	ug/L # 19
37) 1,2-Dichloropropane	6.34	63	13672	6.363	ug/L # 88
51) Chlorobenzene	9.12	112	316511	56.319	ug/L 100
62) 1,3-Dichlorobenzene	11.42	146	62213	15.014	ug/L 94
63) 1,4-Dichlorobenzene	11.51	146	291134	67.022	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	337734	76.571	ug/L 98
67) 1,3,5-Trichlorobenzene	13.51	180	539706	174.269	ug/L 99
68) 1,2,4-trichlorobenzene	13.51	180	539706	206.078	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	121123	43.030	ug/L 98

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



#13

Acetone

Concen: 44.630 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026030.D

Acq: 10 Aug 2018 05:20

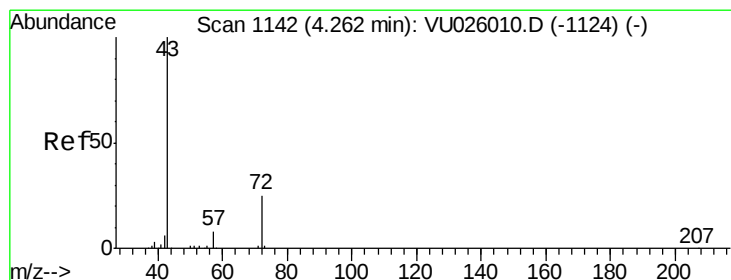
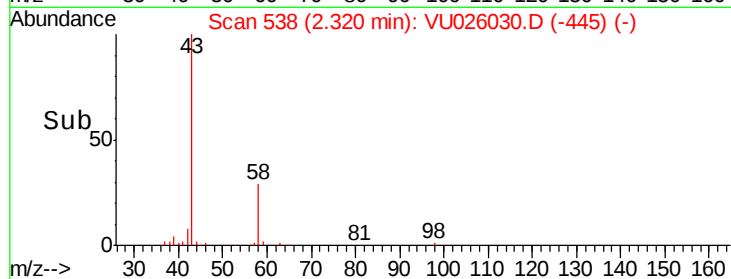
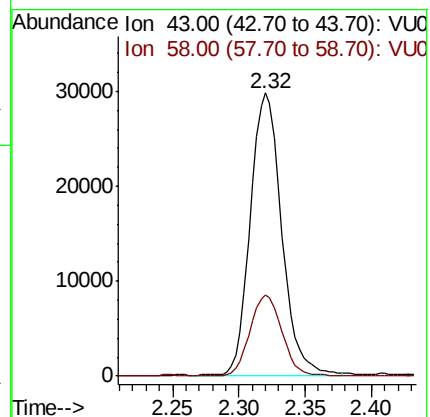
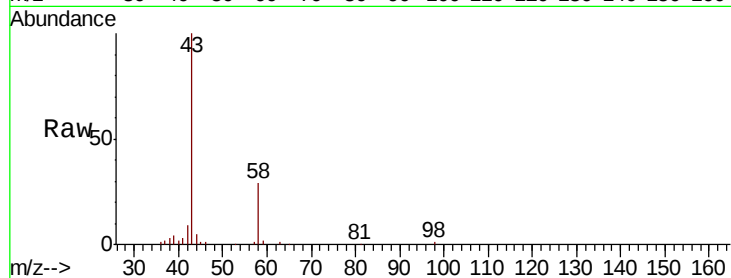
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 49506

Ion Ratio Lower Upper

43 100

58 28.9 0.0 61.8



#22

2-Butanone

Concen: 4.170 ug/L

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU026030.D

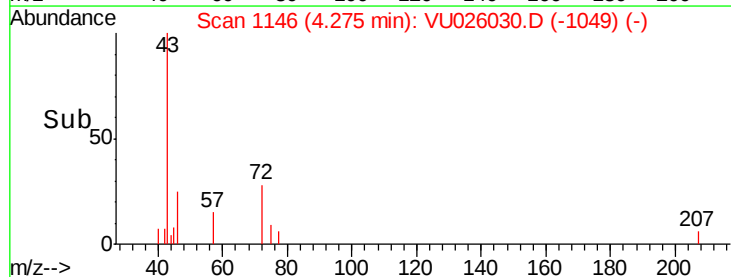
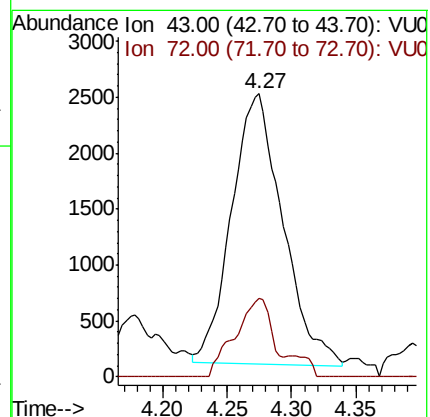
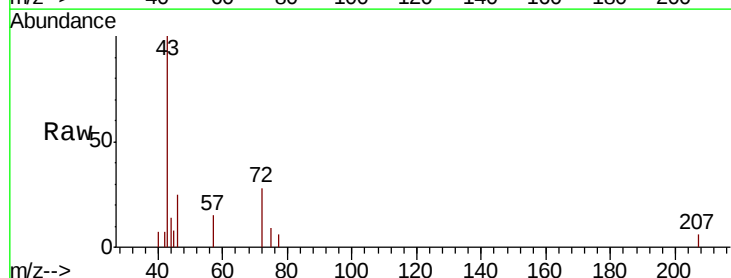
Acq: 10 Aug 2018 05:20

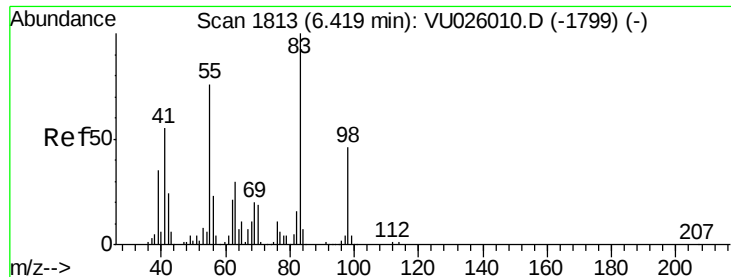
Tgt Ion: 43 Resp: 6693

Ion Ratio Lower Upper

43 100

72 20.8 13.5 40.5

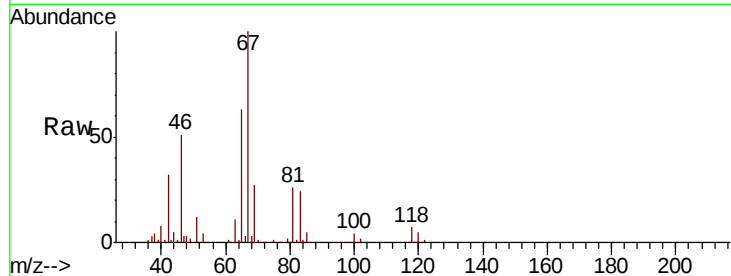




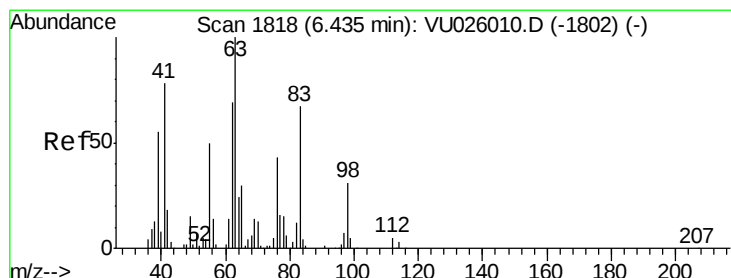
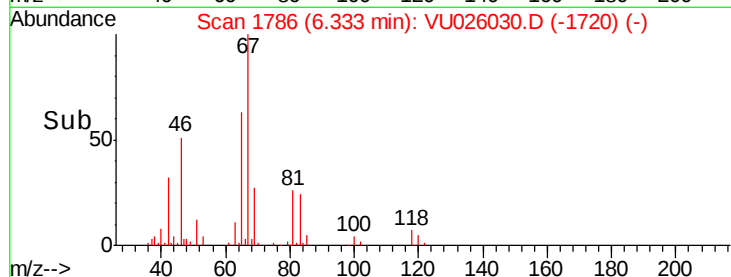
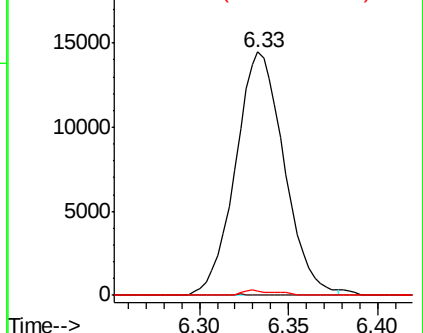
#35
Methvlcvclohexane
Concen: 8.794 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026030.D
Acq: 10 Aug 2018 05:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.6#
98	1.4	38.1	57.1#

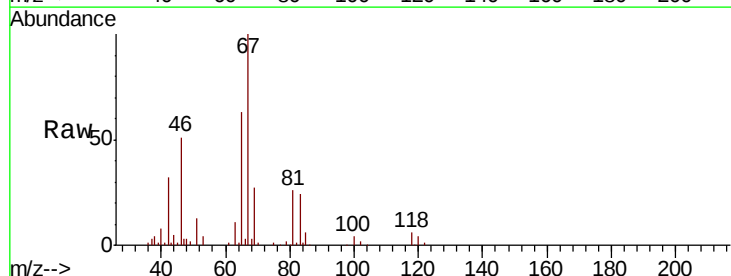


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

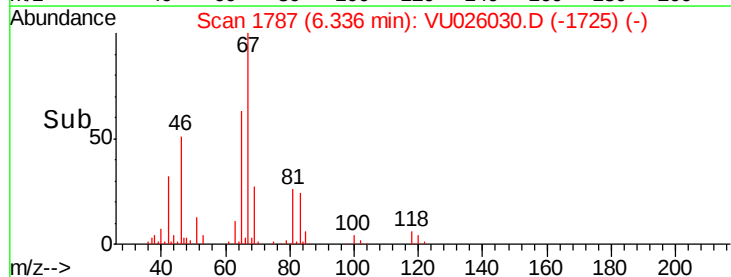
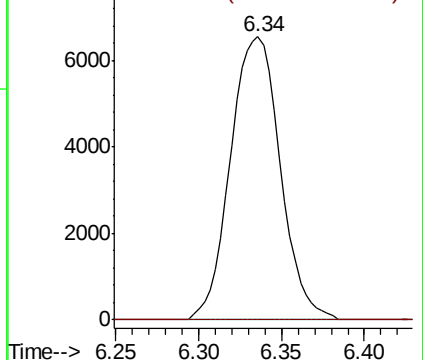


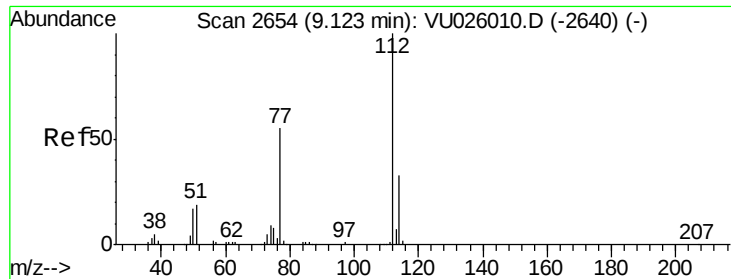
#37
1,2-Dichloropropane
Concen: 6.363 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026030.D
Acq: 10 Aug 2018 05:20

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



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

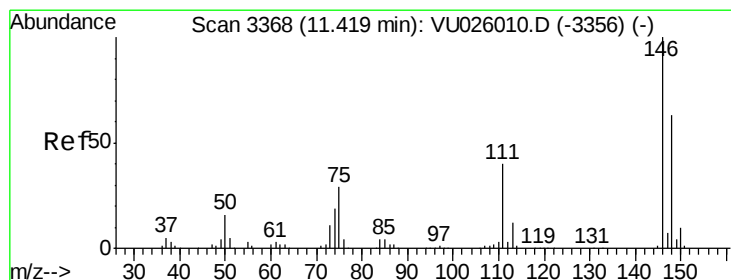
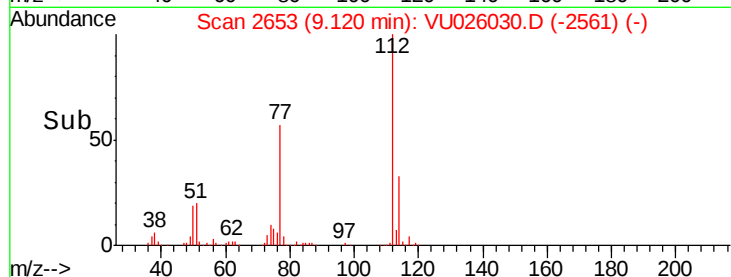
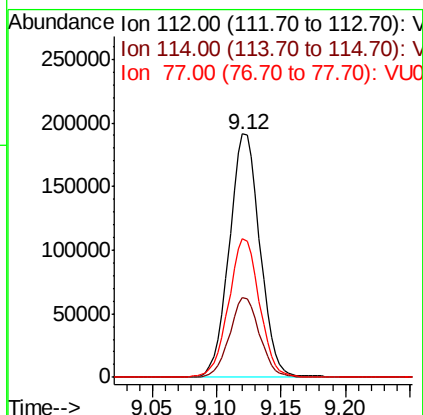
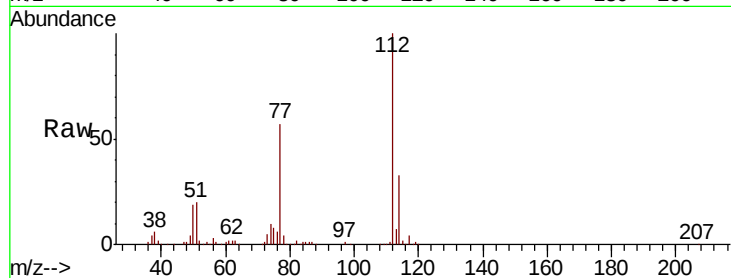




#51
Chlorobenzene
Concen: 56.319 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026030.D
Acq: 10 Aug 2018 05:20

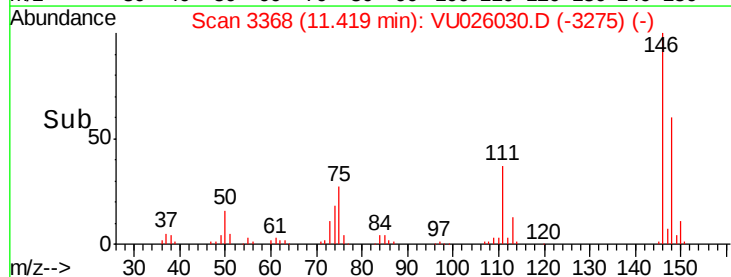
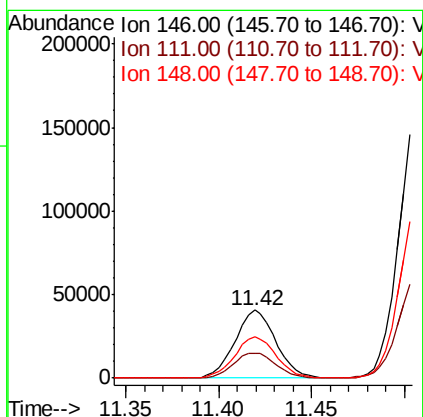
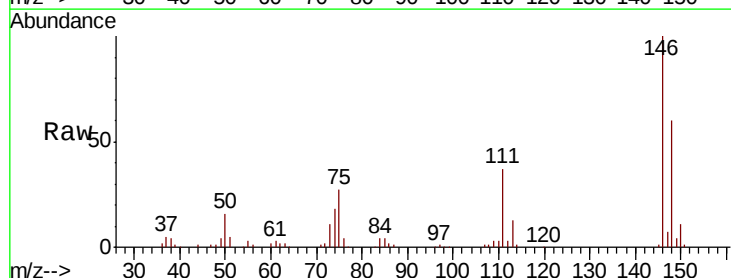
Instrument :
MSVOA_U
ClientSampled :

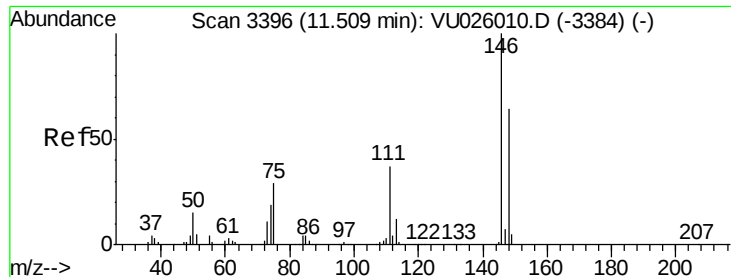
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	56.8	45.2	67.8



#62
1,3-Dichlorobenzene
Concen: 15.014 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU026030.D
Acq: 10 Aug 2018 05:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	27.9	51.9
148	60.4	46.0	85.4

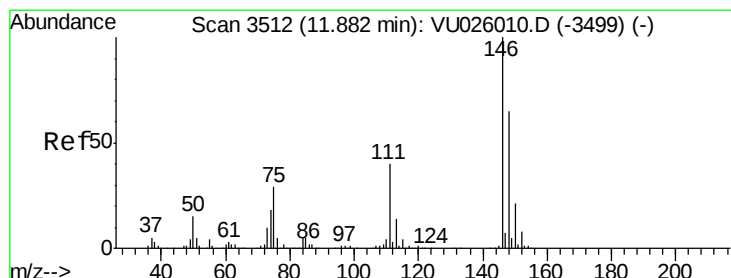
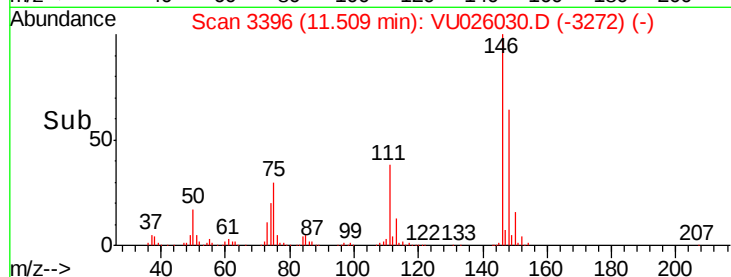
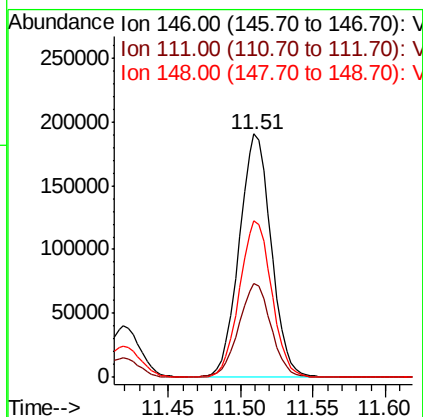
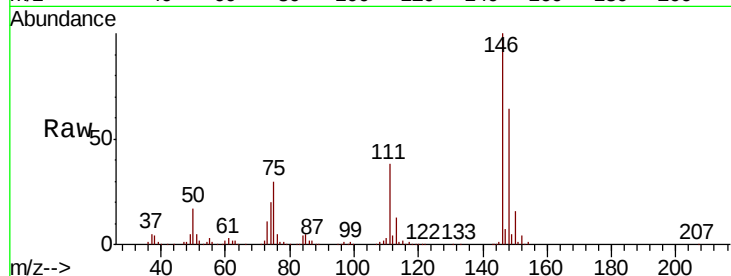




#63
 1,4-Dichlorobenzene
 Concen: 67.022 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026030.D
 Acq: 10 Aug 2018 05:20

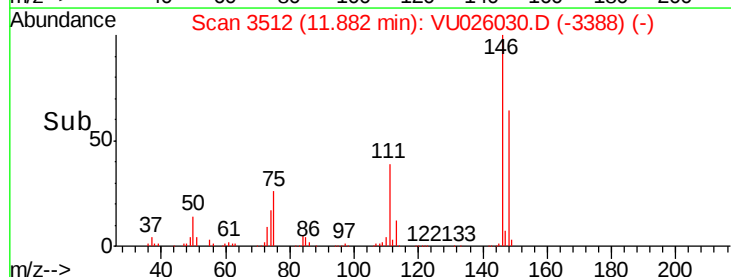
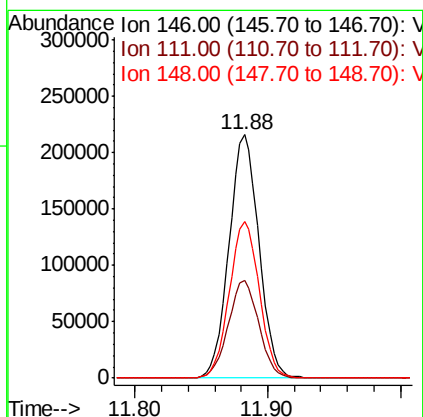
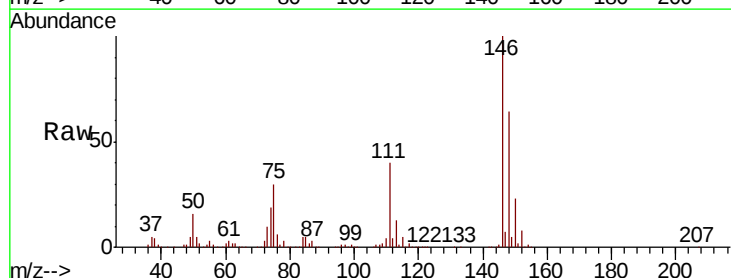
Instrument :
 MSVOA_U
 ClientSampleId :

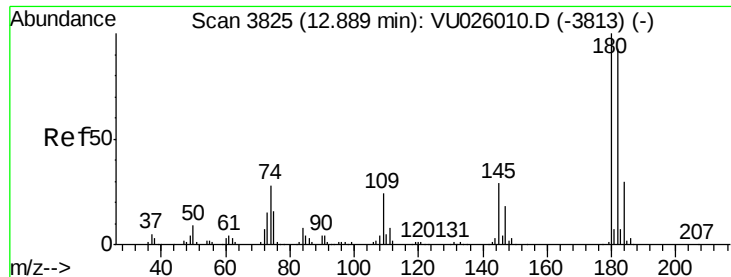
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	26.4	49.0
148	64.1	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 76.571 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026030.D
 Acq: 10 Aug 2018 05:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.4	48.6
148	64.1	50.1	75.1

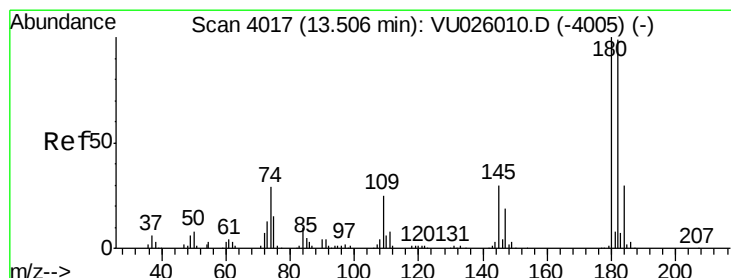
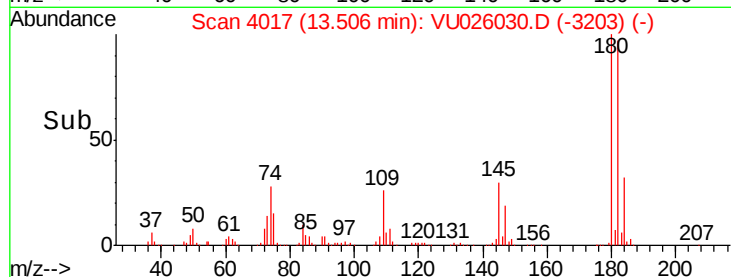
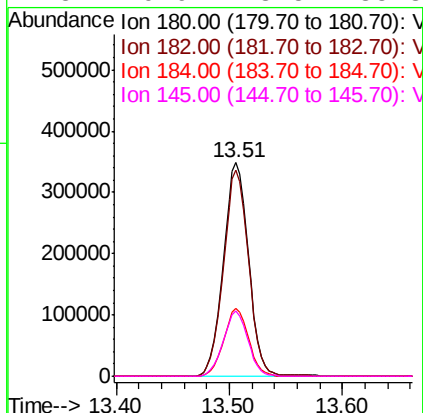
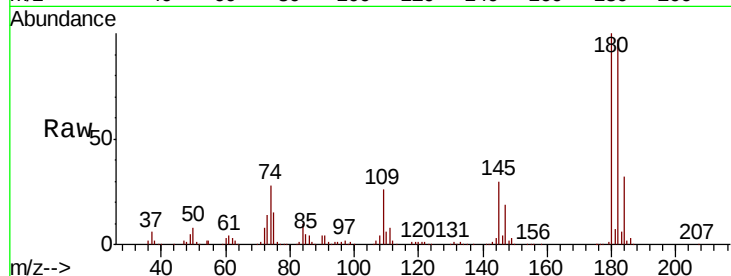




#67
 1,3,5-Trichlorobenzene
 Concen: 174.269 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU026030.D
 Acq: 10 Aug 2018 05:20

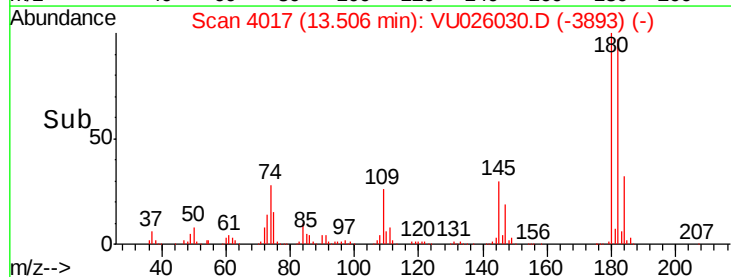
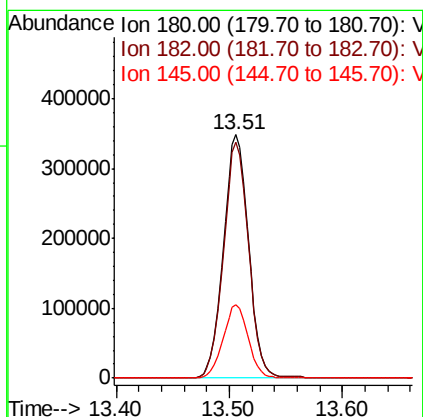
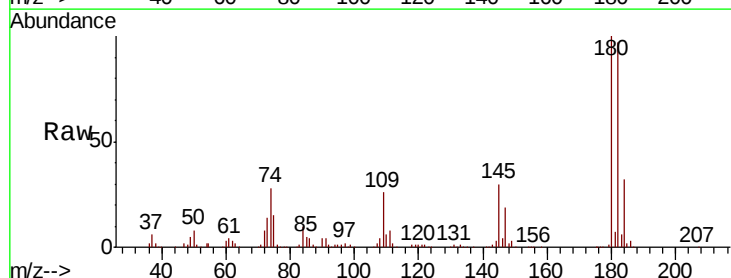
Instrument :
 MSVOA_U
 ClientSampled :

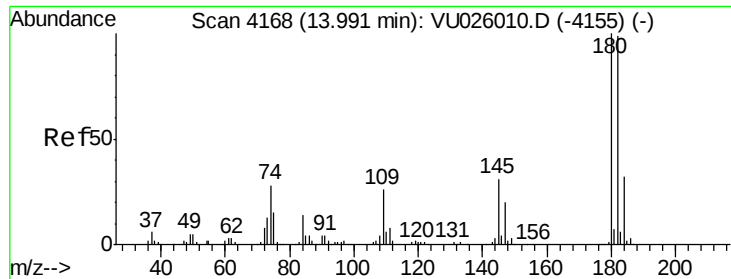
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.5	114.7
184	31.1	24.3	36.5
145	29.9	23.5	35.3



#68
 1,2,4-trichlorobenzene
 Concen: 206.078 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026030.D
 Acq: 10 Aug 2018 05:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.5	114.7
145	29.9	24.2	36.4

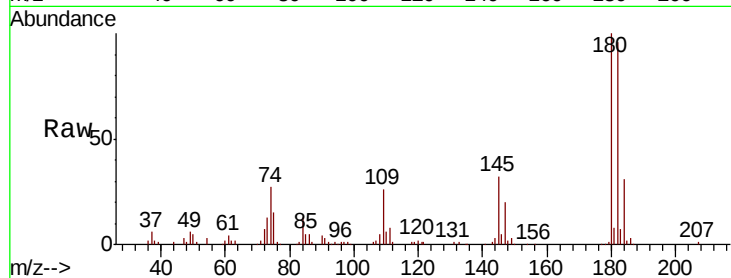




#70
 1,2,3-Trichlorobenzene
 Concen: 43.030 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU026030.D
 Acq: 10 Aug 2018 05:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	97.4	76.5	114.7	
145	31.4	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

