

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030370.D
 Acq On : 24 Mar 2019 15:02
 Operator : JC/SP
 Sample : K2016-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0981

Quant Time: Mar 25 04:26:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 25 03:20:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	392910	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	370618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148138	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135805	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.90%
7) Chloroethane-d5	1.68	69	116545	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.27	63	197030	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	4.17	46	273315	91.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.95%
24) Chloroform-d	4.65	84	254384	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.31	65	170150	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
32) Benzene-d6	5.34	84	521104	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
36) 1,2-Dichloropropane-d6	6.33	67	185349	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.94%
41) Toluene-d8	7.56	98	451612	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	7.85	79	73402	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
47) 2-Hexanone-d5	8.31	63	176718	89.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	243358	46.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	150076	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

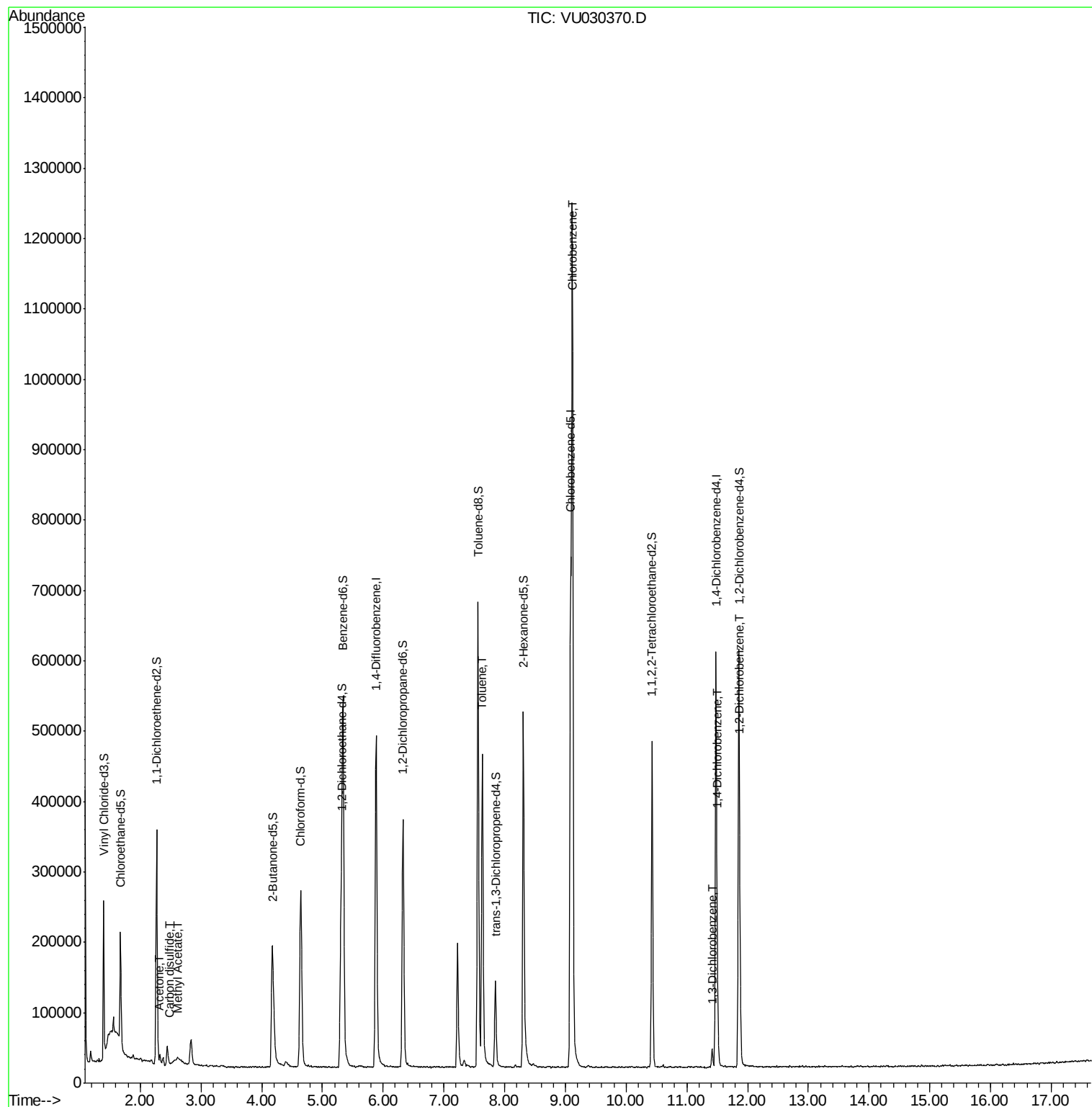
					Ovalue
13) Acetone	2.32	43	12388	4.121 ug/L	96
14) Carbon disulfide	2.49	76	4913	0.529 ug/L	97
15) Methyl Acetate	2.62	43	5210	1.132 ug/L #	100
42) Toluene	7.63	91	338240	25.833 ug/L	99
51) Chlorobenzene	9.12	112	633576	79.841 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	10719	2.213 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	36254	7.269 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	37149	7.584 ug/L	96

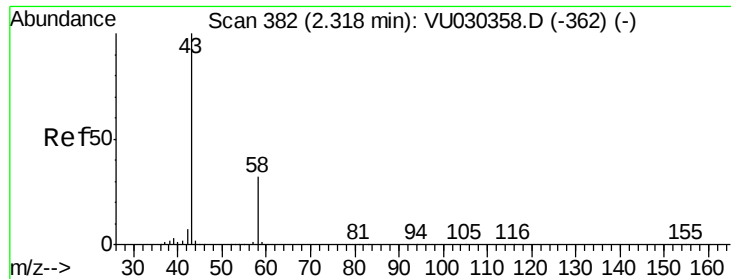
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.121 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030370.D

Acq: 24 Mar 2019 15:02

Instrument :

MSVOA_U

ClientSampleId :

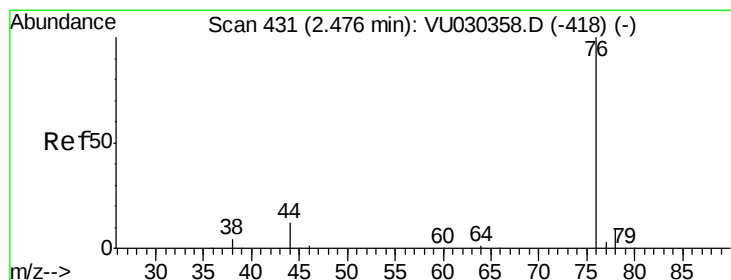
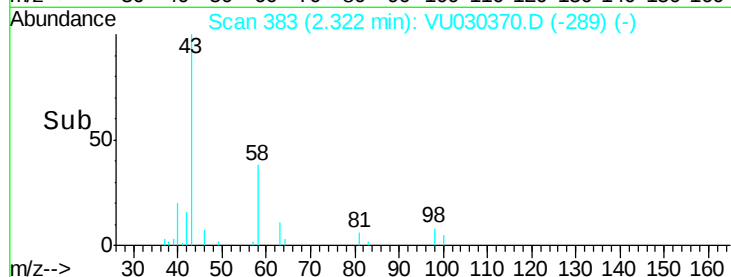
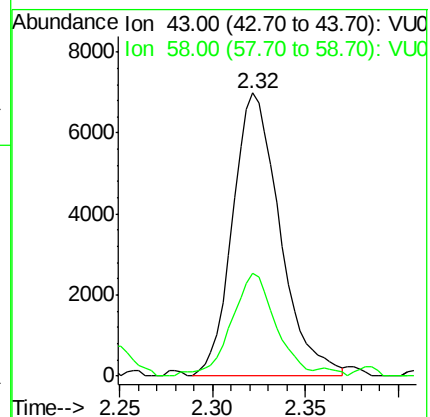
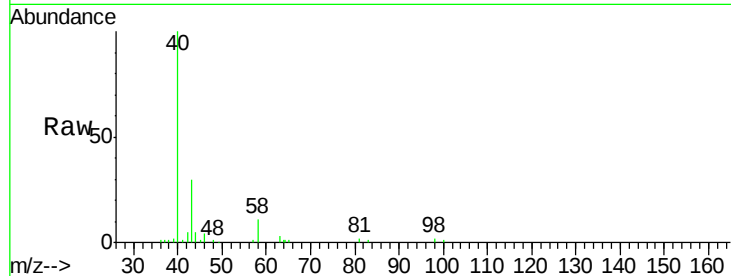
C0981

Tot Ion: 43 Resp: 12388

Ion Ratio Lower Upper

43 100

58 33.4 0.0 62.8



#14

Carbon disulfide

Concen: 0.529 ug/L

RT: 2.49 min Scan# 434

Delta R.T. 0.01 min

Lab File: VU030370.D

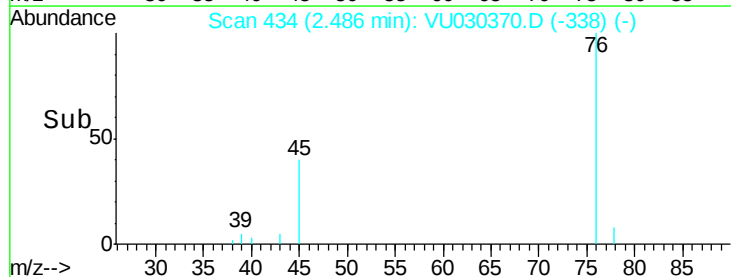
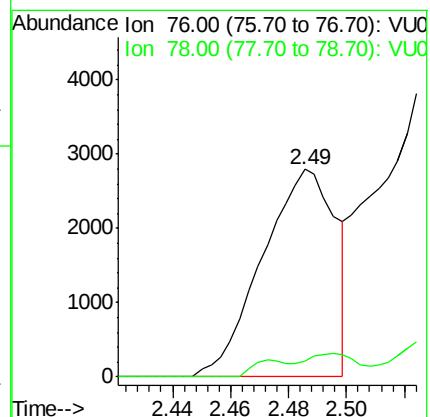
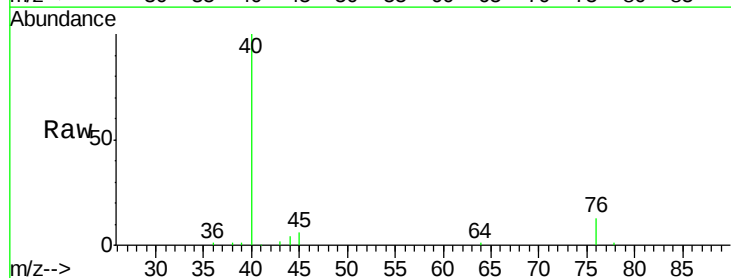
Acq: 24 Mar 2019 15:02

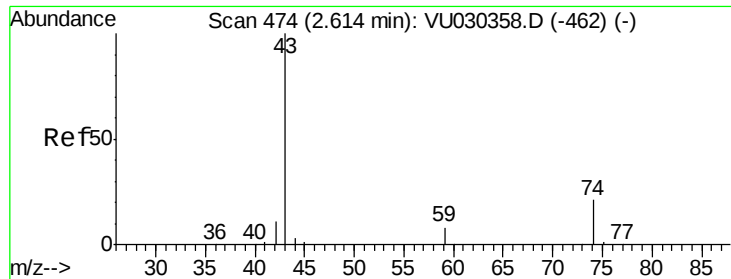
Tgt Ion: 76 Resp: 4913

Ion Ratio Lower Upper

76 100

78 7.9 7.3 10.9

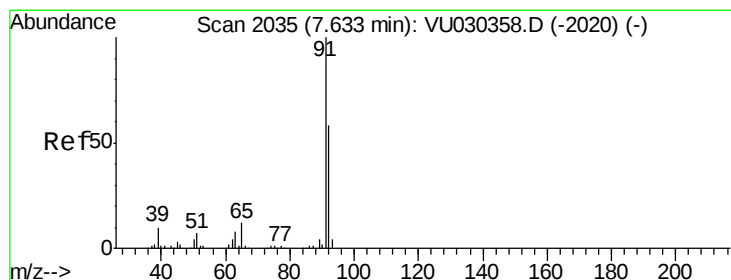
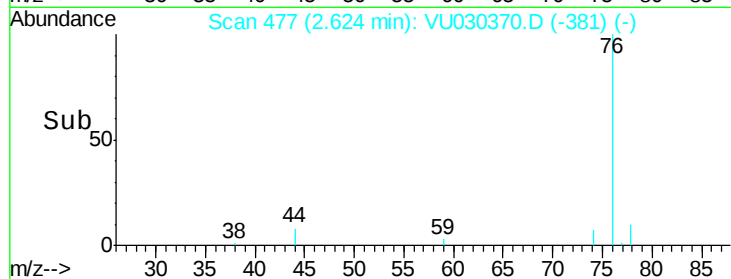
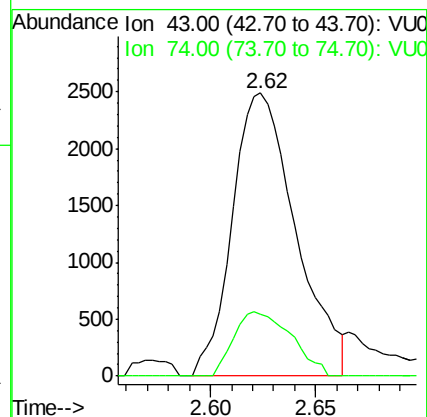
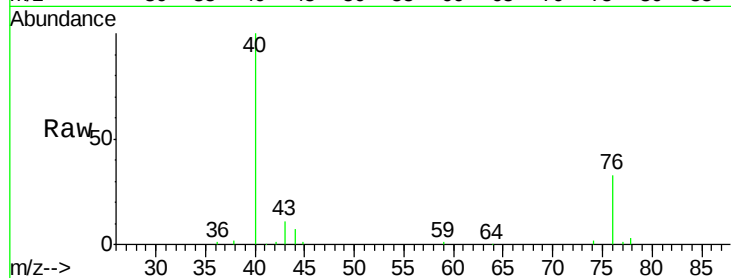




#15
Methvl Acetate
Concen: 1.132 ug/L
RT: 2.62 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU030370.D
Acq: 24 Mar 2019 15:02

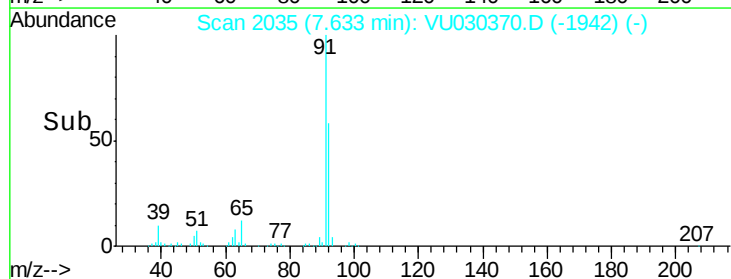
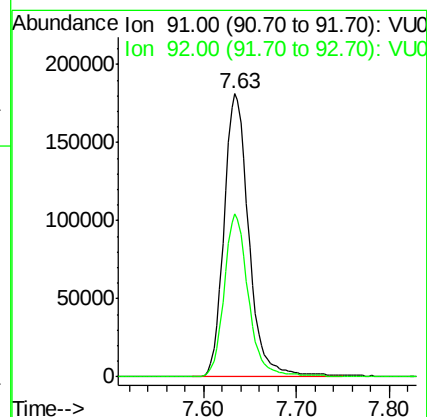
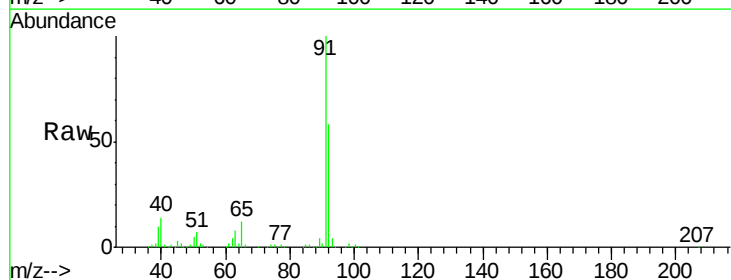
Instrument :
MSVOA_U
ClientSampled :
C0981

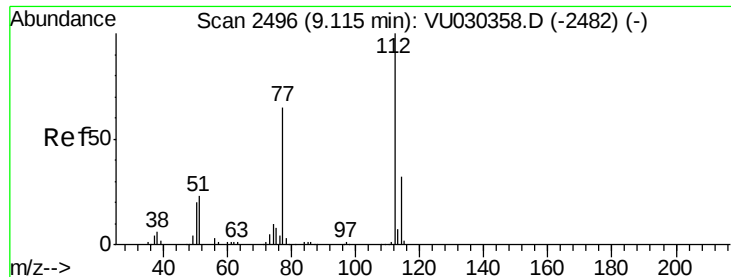
Tot Ion: 43 Resp: 5210
Ion Ratio Lower Upper
43 100
74 20.6 0.0 0.0#



#42
Toluene
Concen: 25.833 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU030370.D
Acq: 24 Mar 2019 15:02

Tgt Ion: 91 Resp: 338240
Ion Ratio Lower Upper
91 100
92 57.6 39.7 73.7

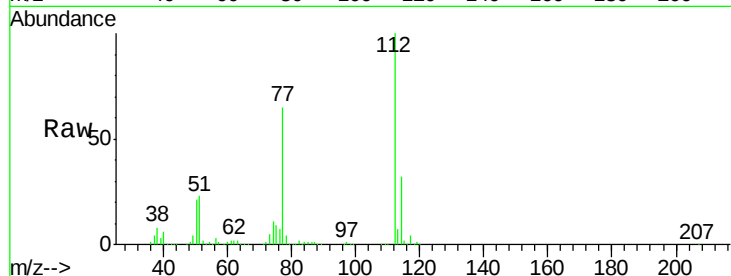




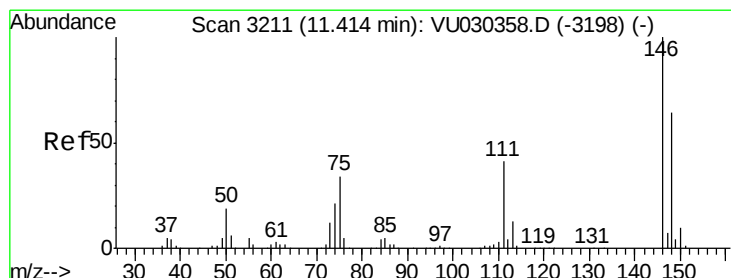
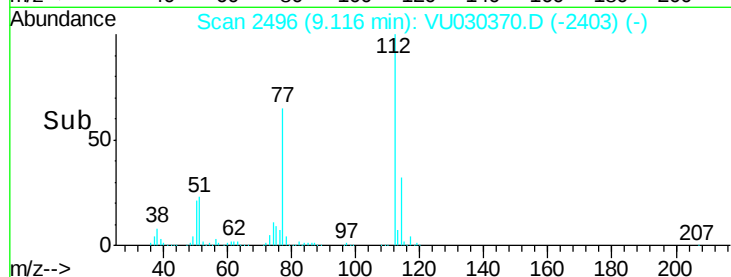
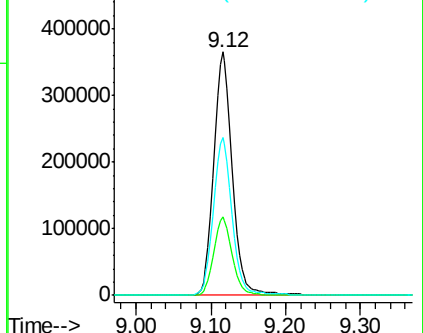
#51
Chlorobenzene
Concen: 79.841 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030370.D
Acq: 24 Mar 2019 15:02

Instrument :
MSVOA_U
ClientSampleId :
C0981

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.5	39.9
77	64.8	51.4	77.0

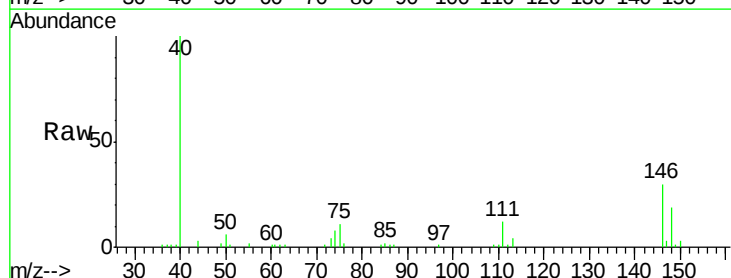


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

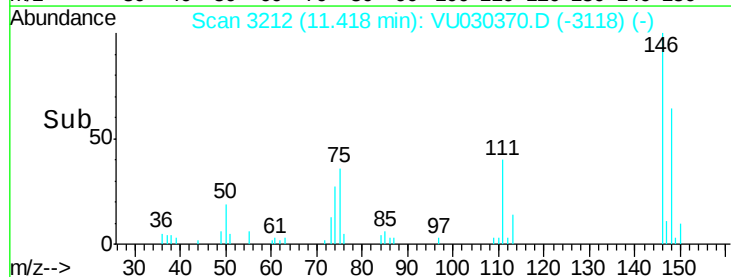
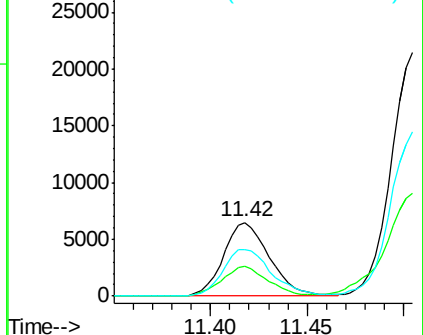


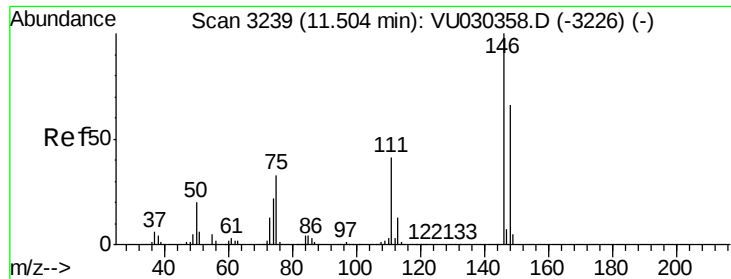
#62
1,3-Dichlorobenzene
Concen: 2.213 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU030370.D
Acq: 24 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	29.2	54.2
148	63.7	44.4	82.4



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

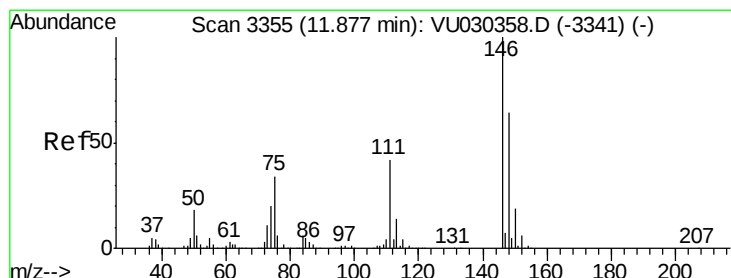
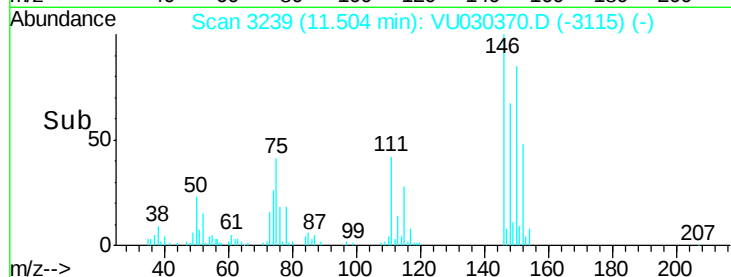
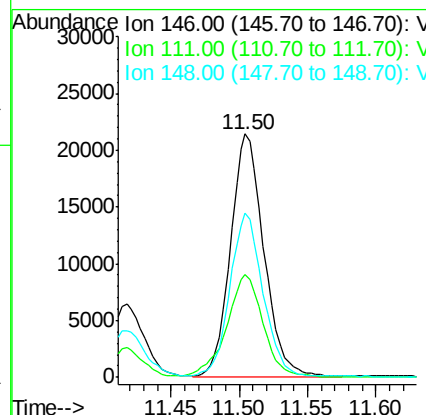
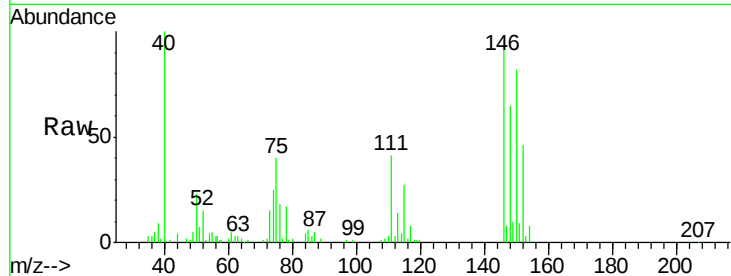




#63
 1,4-Dichlorobenzene
 Concen: 7.269 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030370.D
 Acq: 24 Mar 2019 15:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0981

Tot Ion:146 Resp: 36254
 Ion Ratio Lower Upper
 146 100
 111 42.2 28.7 53.3
 148 67.2 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 7.584 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030370.D
 Acq: 24 Mar 2019 15:02

Tgt Ion:146 Resp: 37149
 Ion Ratio Lower Upper
 146 100
 111 46.0 34.9 52.3
 148 60.3 51.2 76.8

