

Data File : VU031904.D
Acq On : 10 May 2019 21:31
Operator : JC/SP
Sample : K2742-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C31

Quant Time: May 11 02:50:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1020743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1056232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	426898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	373372	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.42%
7) Chloroethane-d5	1.86	69	176	0.03	ug/L	0.19
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.26	63	528793	31.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.16%
21) 2-Butanone-d5	4.17	46	661735	85.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.49%
24) Chloroform-d	4.64	84	684130	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.31	65	455057	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
32) Benzene-d6	5.33	84	1416231	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
36) 1,2-Dichloropropane-d6	6.32	67	476218	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.46%
41) Toluene-d8	7.56	98	1197349	42.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.76%
43) trans-1,3-Dichloropropene-	7.85	79	188784	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.08%
47) 2-Hexanone-d5	8.31	63	433722	87.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	667640	43.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	447199	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

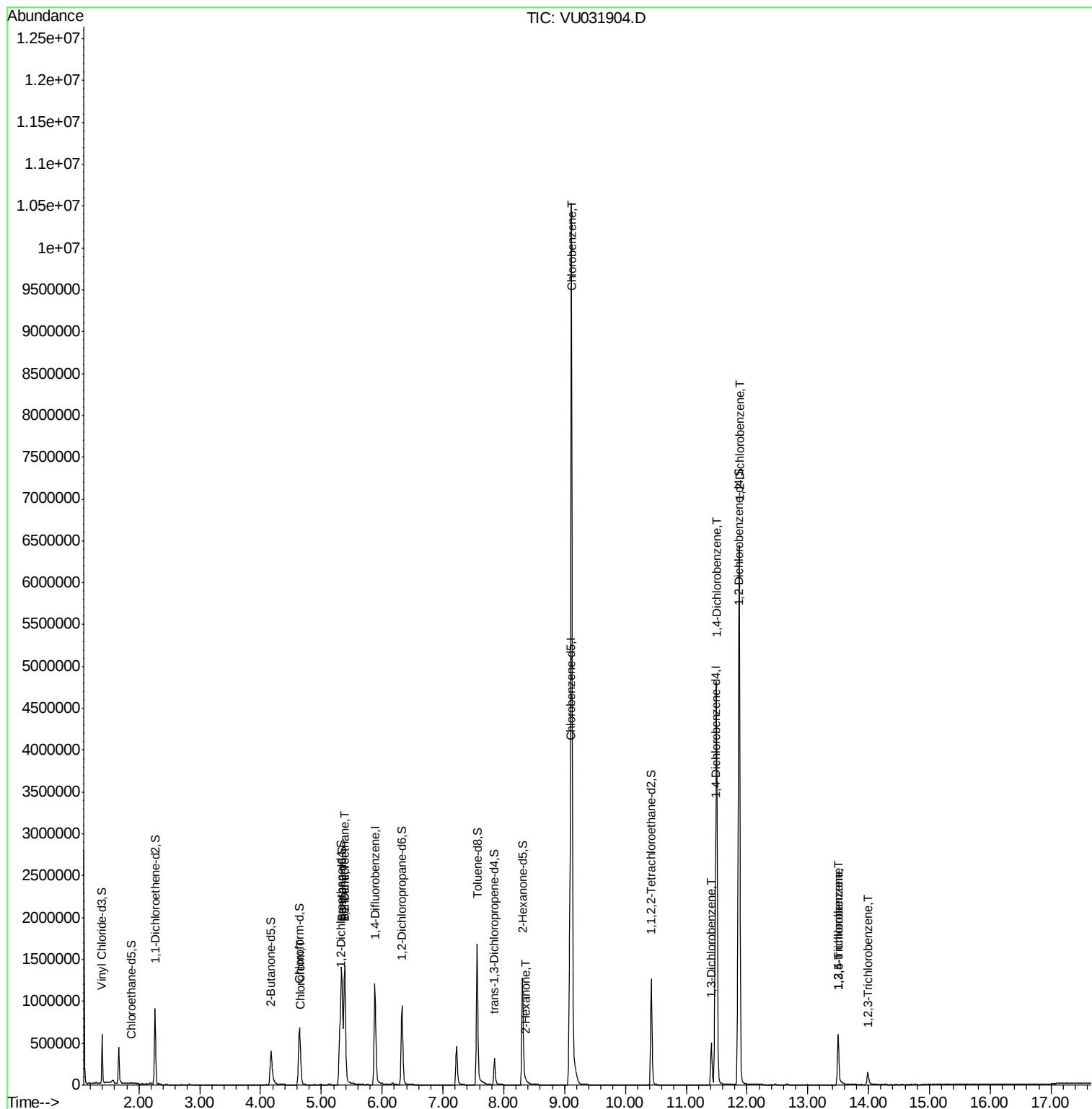
					Qvalue
25) Chloroform	4.67	83	21994	1.316 ug/L	97
27) 1,2-Dichloroethane	5.39	62	13143	0.968 ug/L #	75
33) Benzene	5.39	78	1451627	37.381 ug/L	100
48) 2-Hexanone	8.37	43	18180	1.325 ug/L #	55
51) Chlorobenzene	9.12	112	5650225	247.173 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	202648	14.341 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1783699	121.881 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	2389656	159.115 ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	200401	18.934 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	200401	23.917 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	57160	5.992 ug/L	91

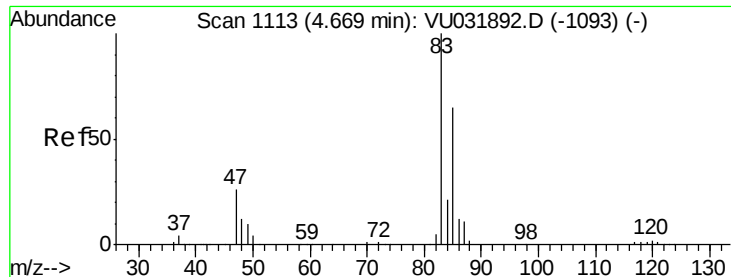
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

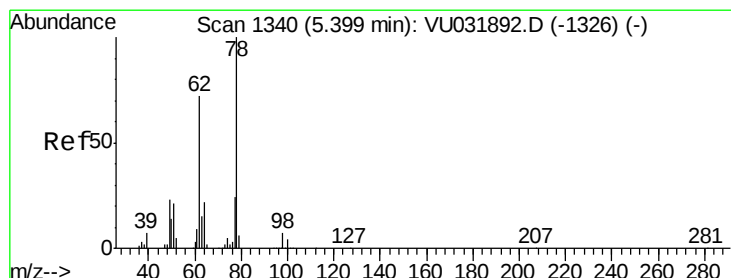
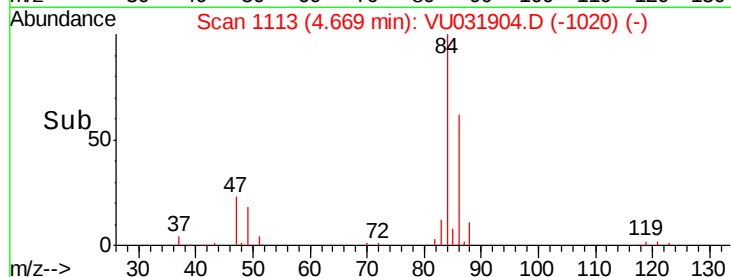
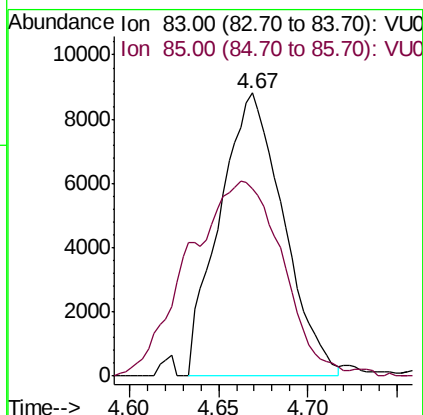
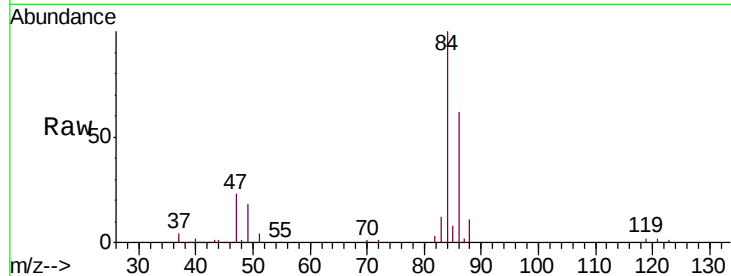




#25
Chloroform
Concen: 1.316 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU031904.D
Acq: 10 May 2019 21:31

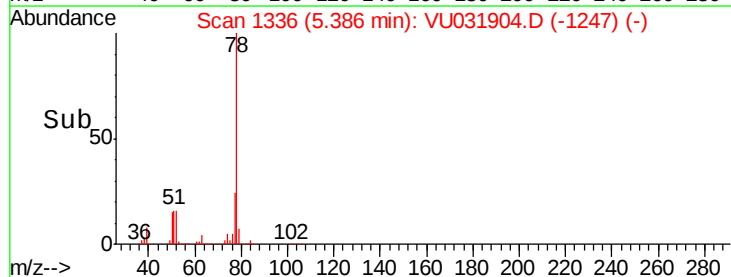
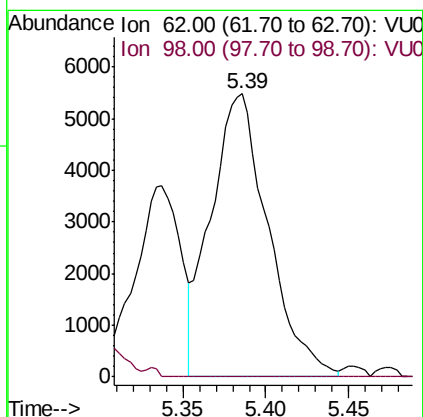
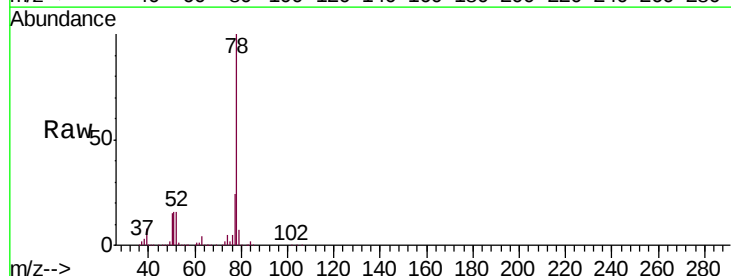
Instrument :
MSVOA_U
ClientSampleId :
C0C31

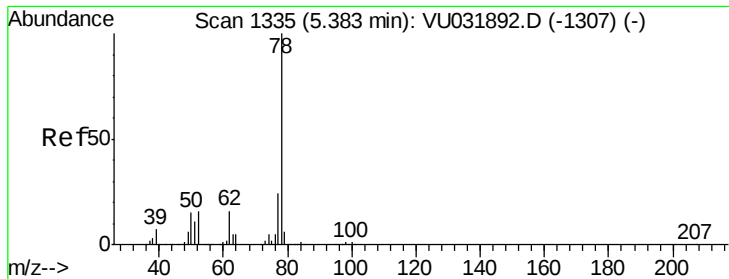
Tgt Ion: 83 Resp: 21994
Ion Ratio Lower Upper
83 100
85 66.3 44.9 83.3



#27
1,2-Dichloroethane
Concen: 0.968 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VU031904.D
Acq: 10 May 2019 21:31

Tgt Ion: 62 Resp: 13143
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#

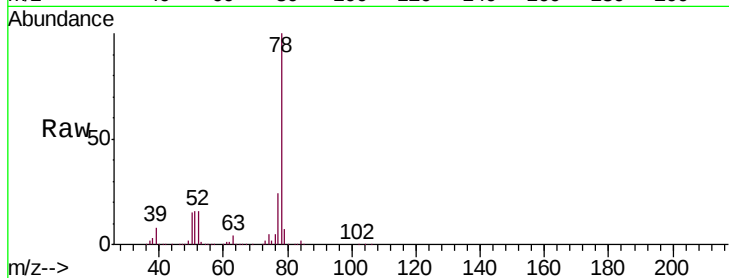




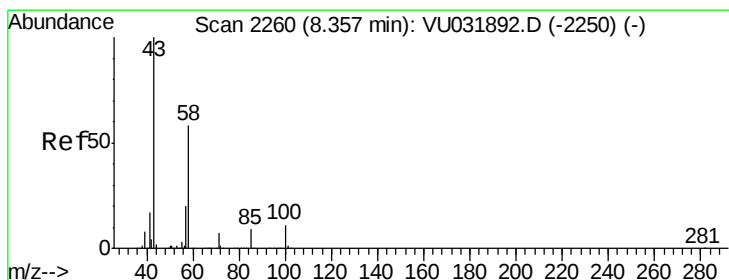
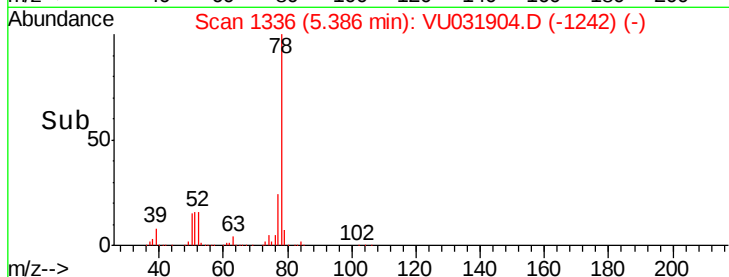
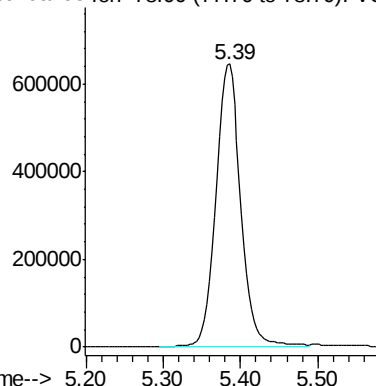
#33
Benzene
Concen: 37.381 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031904.D
Acq: 10 May 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
C0C31

Tgt Ion: 78 Resp: 1451627

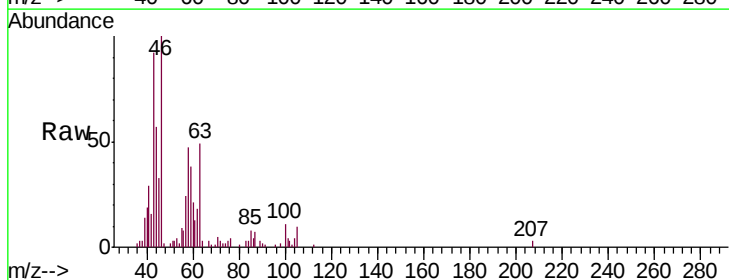


Abundance Ion 78.00 (77.70 to 78.70): VU0



#48
2-Hexanone
Concen: 1.325 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031904.D
Acq: 10 May 2019 21:31

Tgt Ion: 43 Resp: 18180
Ion Ratio Lower Upper
43 100
58 14.8 42.1 63.1#
57 2.0 14.6 22.0#
100 6.0 7.2 10.8#

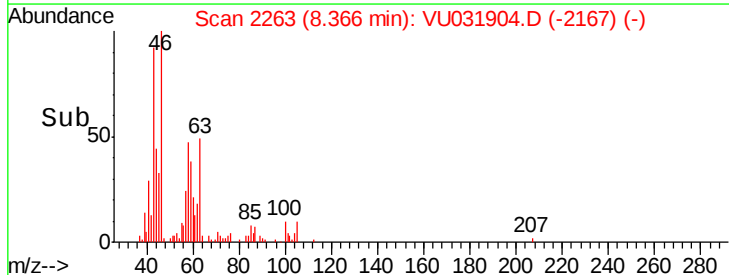
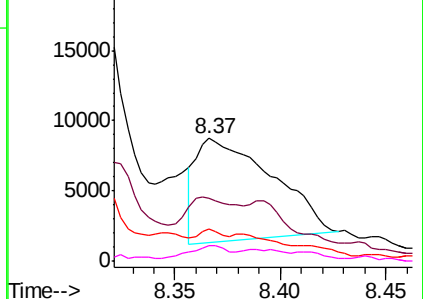


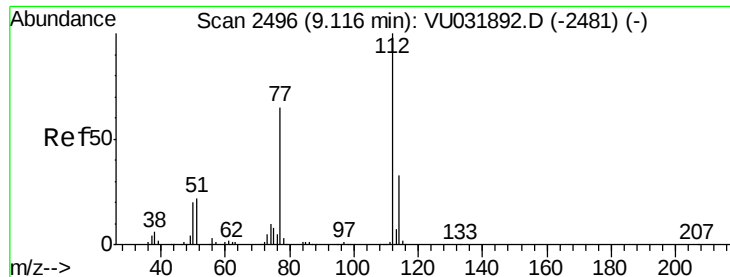
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

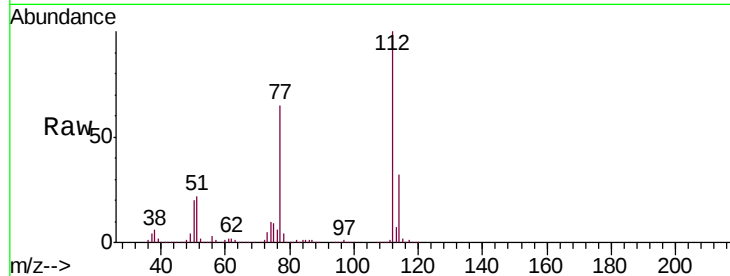




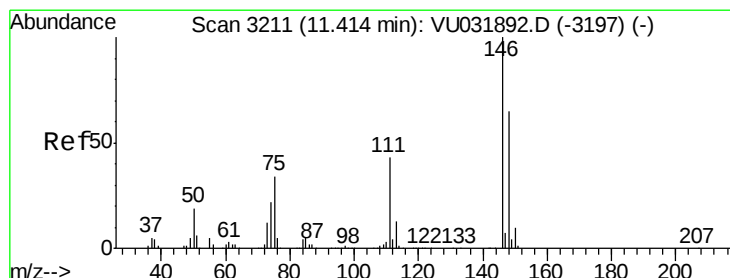
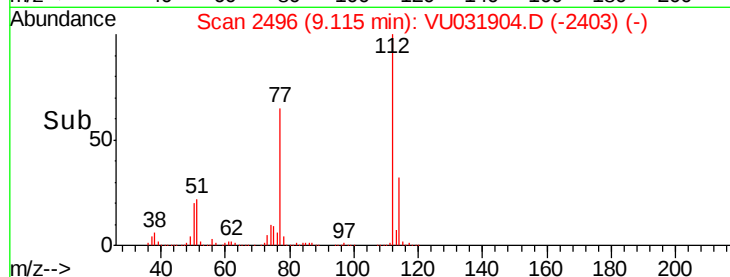
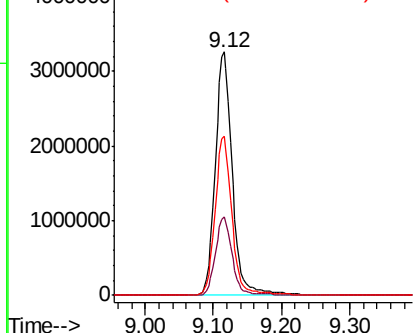
#51
Chlorobenzene
Concen: 247.173 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU031904.D
Acq: 10 May 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
C0C31

Tgt Ion:112 Resp: 5650225
Ion Ratio Lower Upper
112 100
114 32.1 23.3 43.3
77 65.4 53.0 79.4

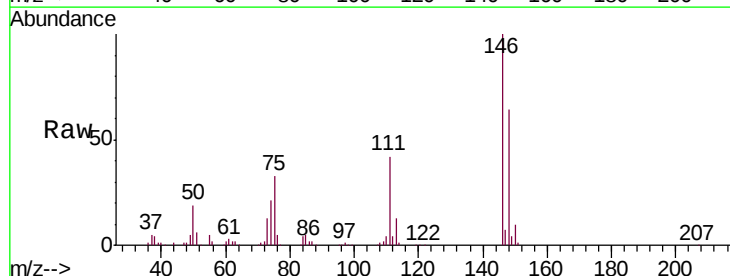


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

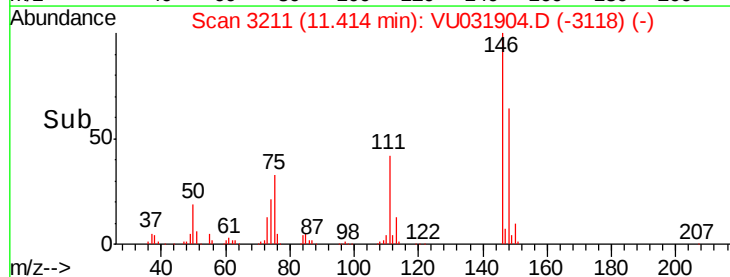
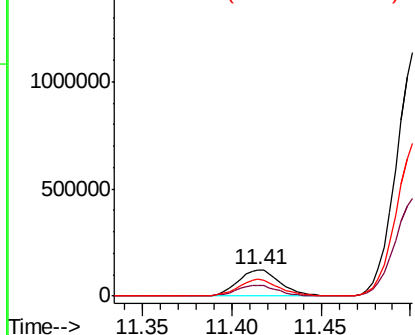


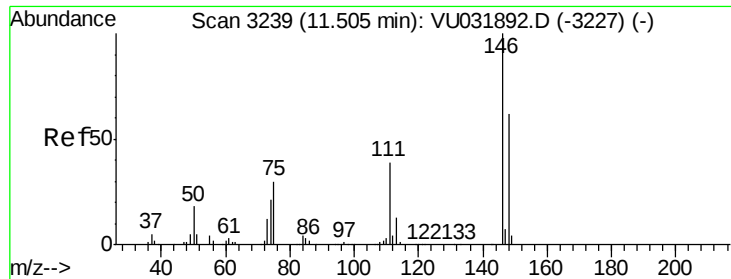
#62
1,3-Dichlorobenzene
Concen: 14.341 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU031904.D
Acq: 10 May 2019 21:31

Tgt Ion:146 Resp: 202648
Ion Ratio Lower Upper
146 100
111 41.6 29.8 55.4
148 63.5 45.1 83.9



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

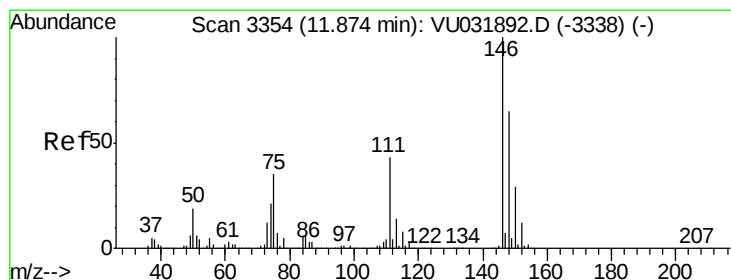
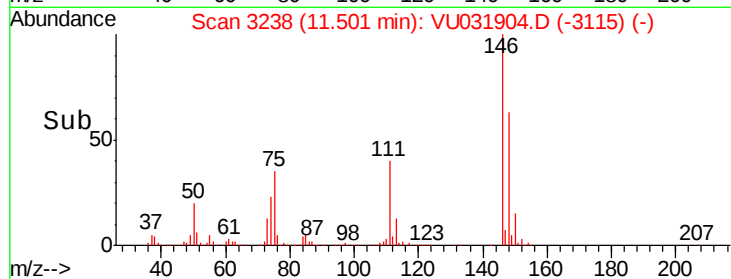
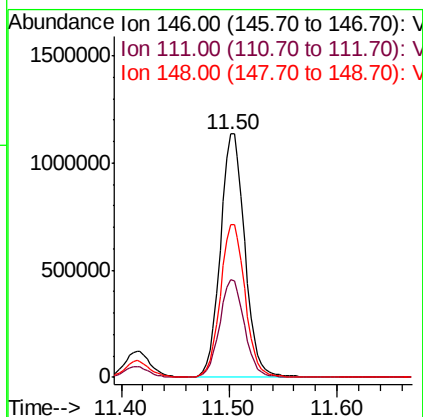
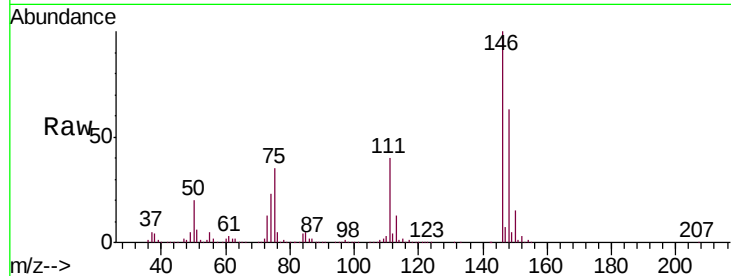




#63
 1,4-Dichlorobenzene
 Concen: 121.881 ug/L
 RT: 11.50 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: VU031904.D
 Acq: 10 May 2019 21:31

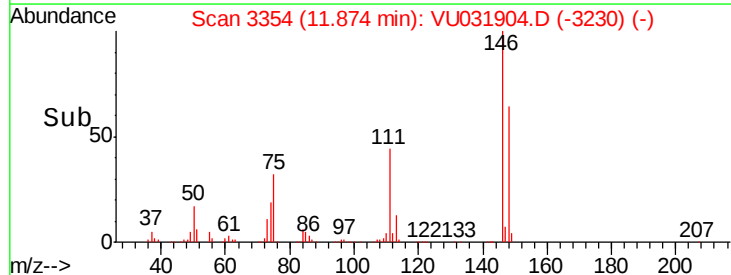
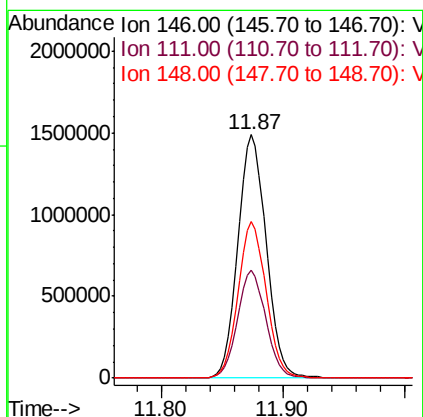
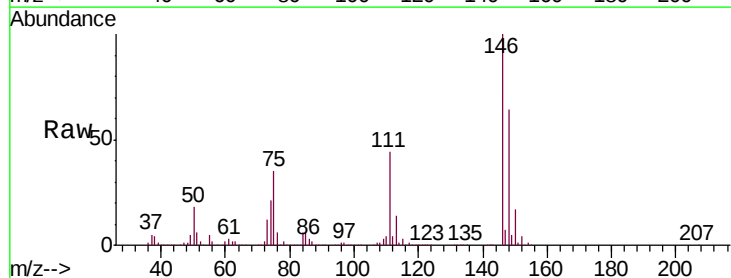
Instrument :
 MSVOA_U
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 C0C31

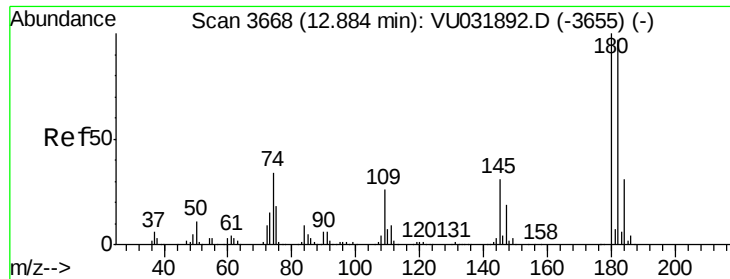
Tgt Ion:146 Resp: 1783699
 Ion Ratio Lower Upper
 146 100
 111 40.4 28.2 52.4
 148 62.8 45.4 84.4



#65
 1,2-Dichlorobenzene
 Concen: 159.115 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU031904.D
 Acq: 10 May 2019 21:31

Tgt Ion:146 Resp: 2389656
 Ion Ratio Lower Upper
 146 100
 111 44.1 35.9 53.9
 148 64.1 50.5 75.7

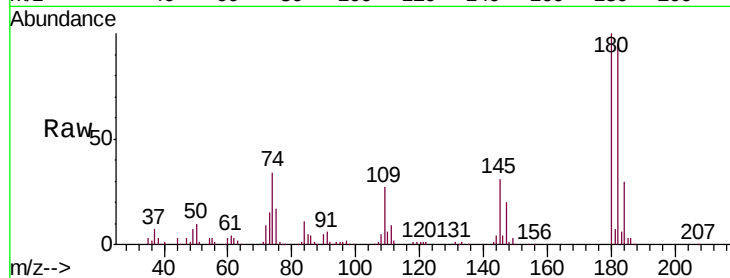




#67
1,3,5-Trichlorobenzene
Concen: 18.934 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.62 min
Lab File: VU031904.D
Acq: 10 May 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
C0C31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.3	115.9
184	29.7	24.4	36.6
145	30.6	23.8	35.8



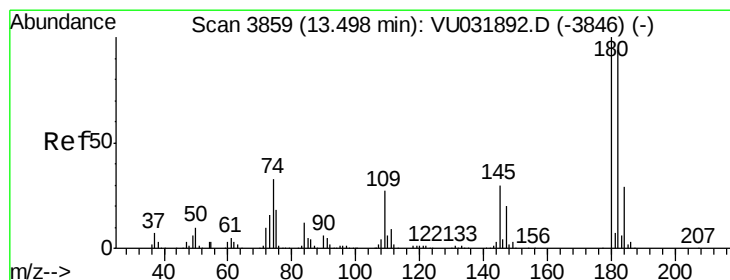
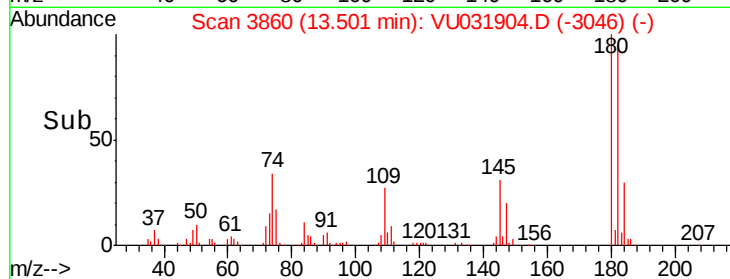
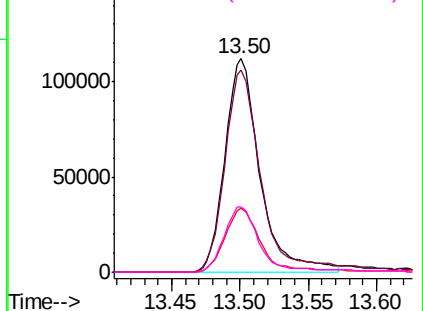
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

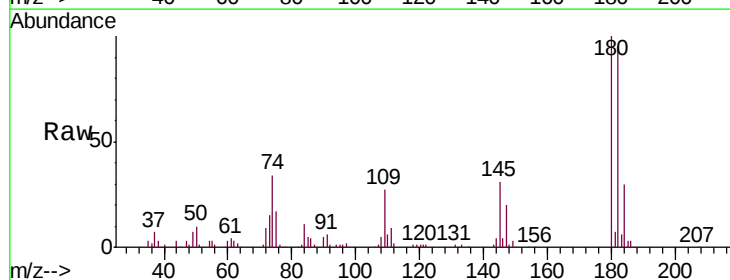
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
1,2,4-trichlorobenzene
Concen: 23.917 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU031904.D
Acq: 10 May 2019 21:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.8
145	30.6	24.5	36.7

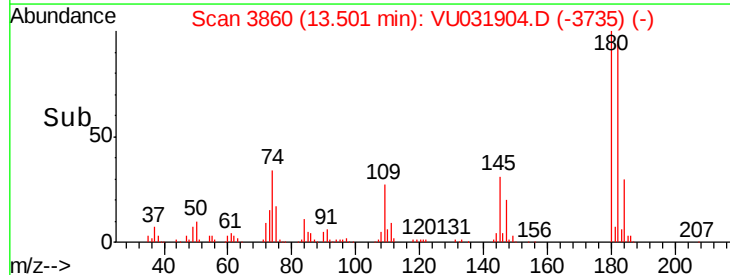
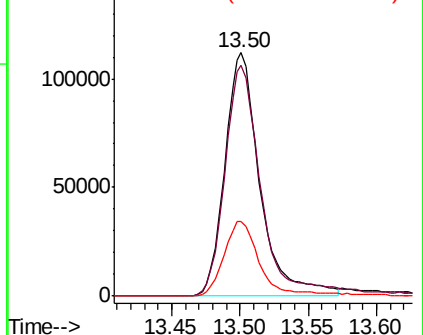


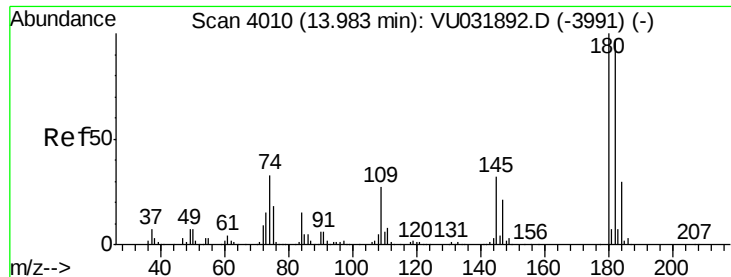
Abundance

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: 5.992 ug/L
 RT: 13.99 min Scan# 4012
 Delta R.T. 0.01 min
 Lab File: VU031904.D
 Acq: 10 May 2019 21:31

Instrument :
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 ClientSampleId :
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Tgt Ion:180 Resp: 57160
 Ion Ratio Lower Upper
 180 100
 182 85.5 76.1 114.1
 145 28.0 26.0 39.0

