

Data File : VU030253.D
Acq On : 21 Mar 2019 10:23
Operator : JC/SP
Sample : VU0321WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Quant Time: Mar 22 04:06:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513148	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	508870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	239154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	164195	47.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.64%
7) Chloroethane-d5	1.68	69	137733	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.28%
11) 1,1-Dichloroethene-d2	2.27	63	228676	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	4.17	46	273510	106.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.25%
24) Chloroform-d	4.65	84	305615	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.31	65	189123	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
32) Benzene-d6	5.34	84	660018	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
36) 1,2-Dichloropropane-d6	6.33	67	211973	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.18%
41) Toluene-d8	7.56	98	603444	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	7.85	79	97255	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.28%
47) 2-Hexanone-d5	8.31	63	221704	103.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	316601	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	244939	51.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.02%

Target Compounds

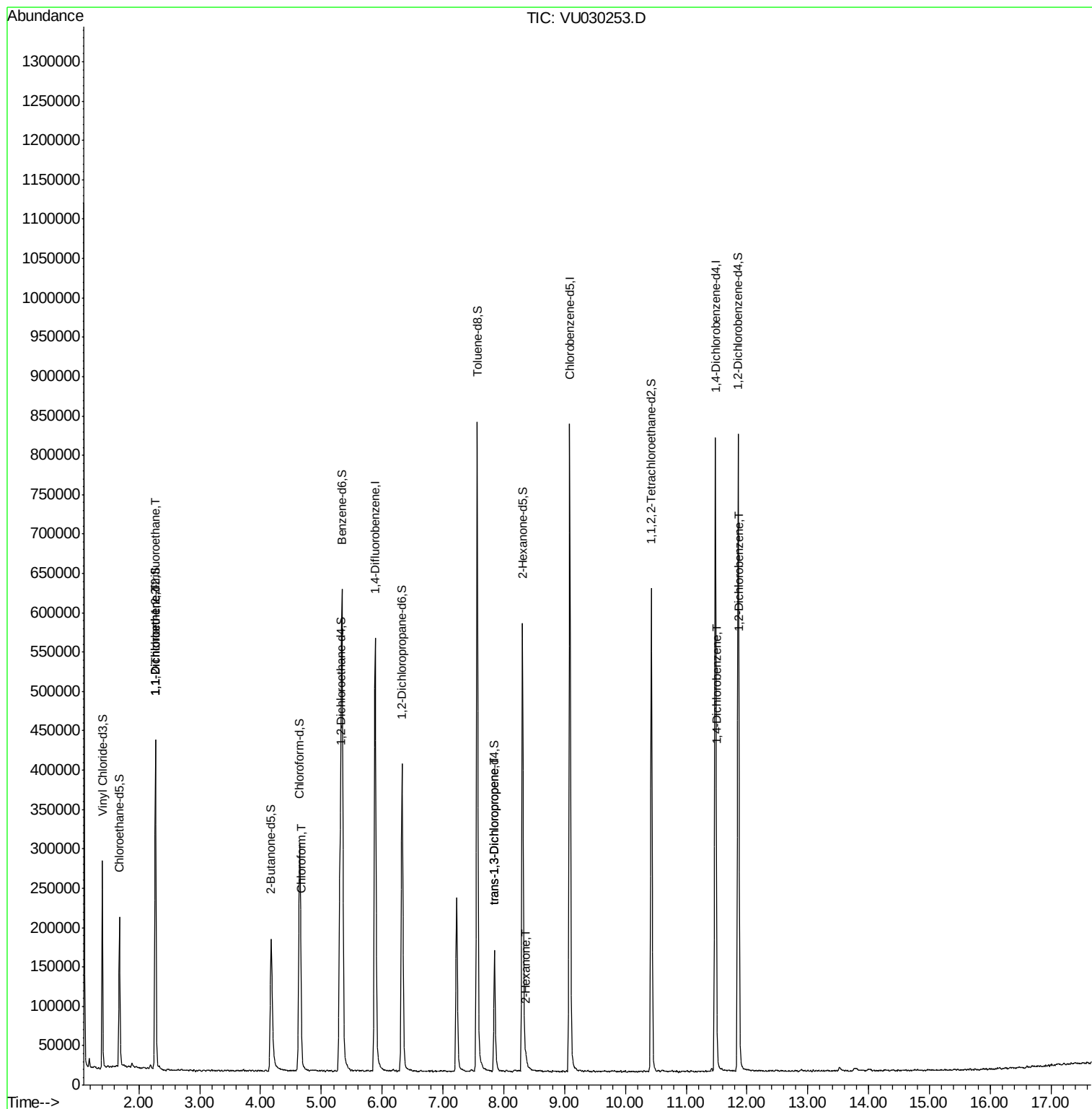
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2469	0.716 ug/L #	19
12) 1,1-Dichloroethene	2.28	96	2120	0.619 ug/L #	1
25) Chloroform	4.67	83	3895	0.602 ug/L	81
44) trans-1,3-Dichloropropene	7.85	75	3689	0.707 ug/L	95
48) 2-Hexanone	8.36	43	4789	1.117 ug/L #	97
63) 1,4-Dichlorobenzene	11.50	146	5859	0.740 ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	5778	0.741 ug/L #	82

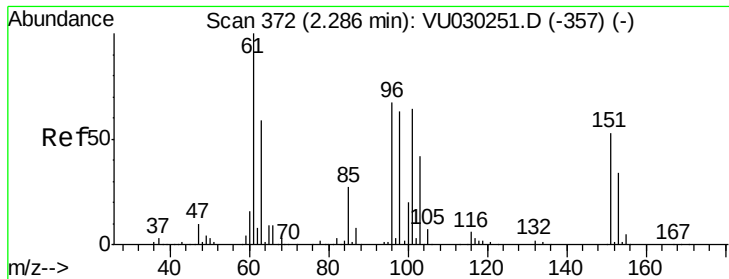
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.716 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030253.D

Acq: 21 Mar 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK45

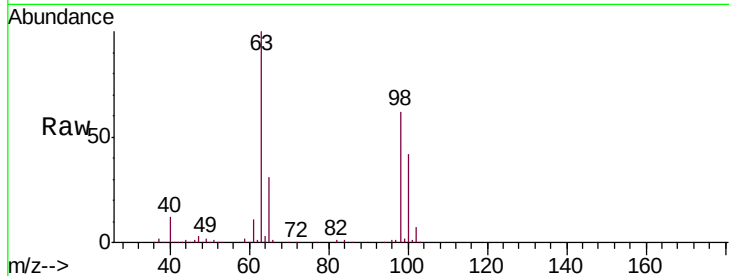
Tgt Ion: 101 Resp: 2469

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

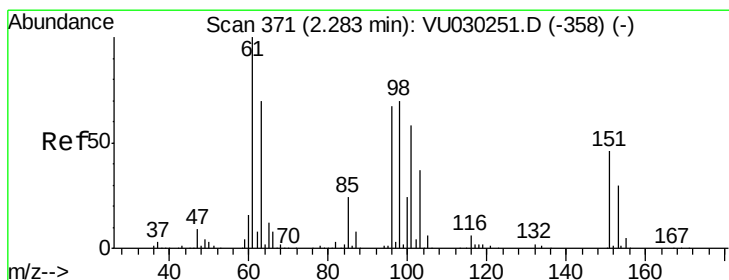
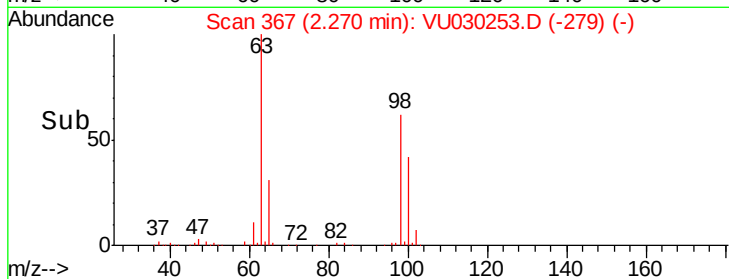
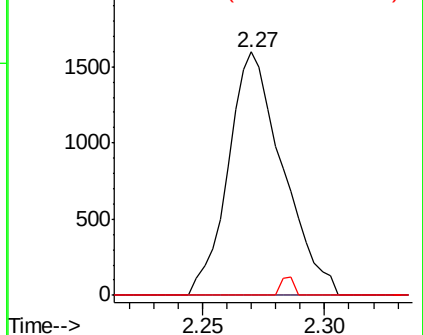
151 1.8 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.619 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU030253.D

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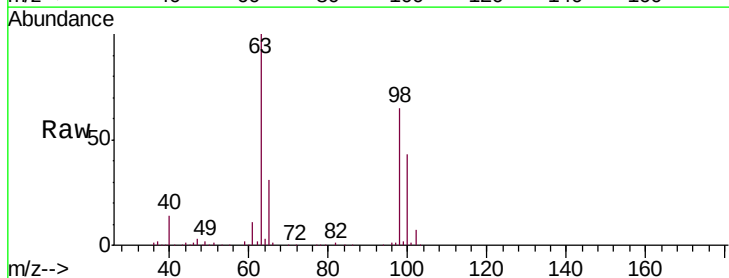
Tgt Ion: 96 Resp: 2120

Ion Ratio Lower Upper

96 100

61 1235.9 104.6 194.2#

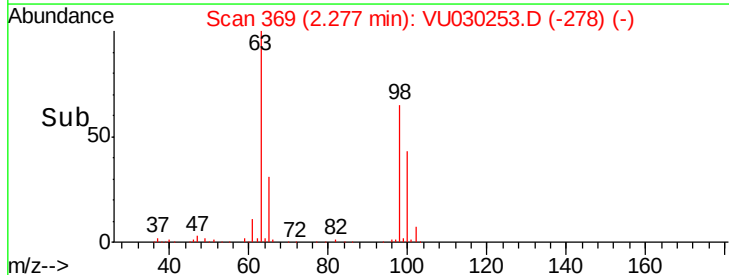
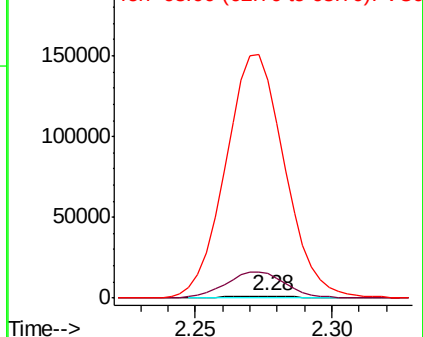
63 11118.3 77.2 143.4#

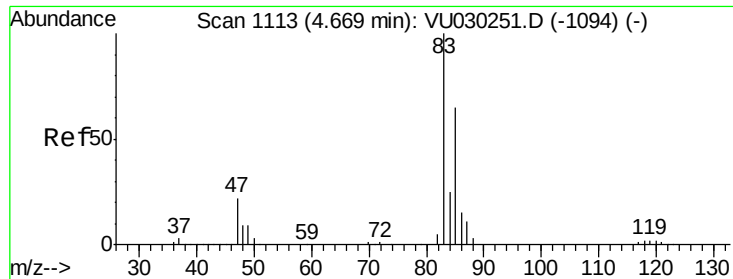


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

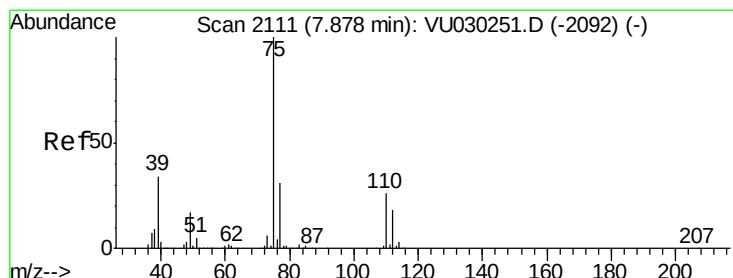
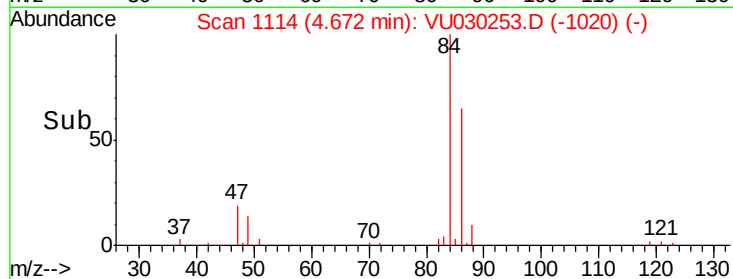
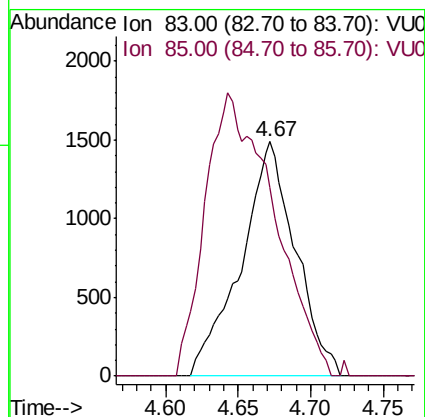
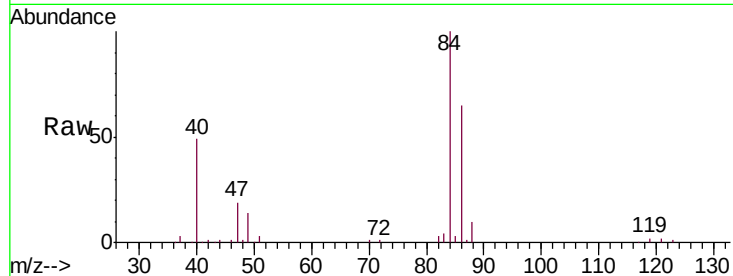




#25
Chloroform
Concen: 0.602 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030253.D
Acq: 21 Mar 2019 10:23

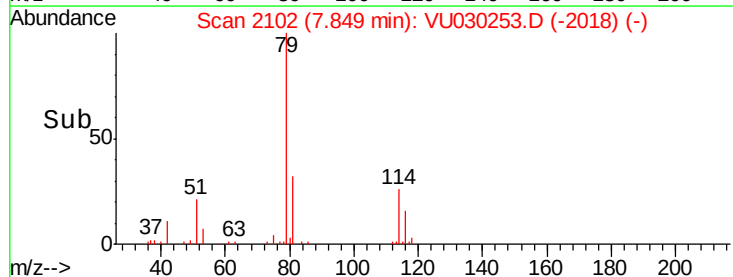
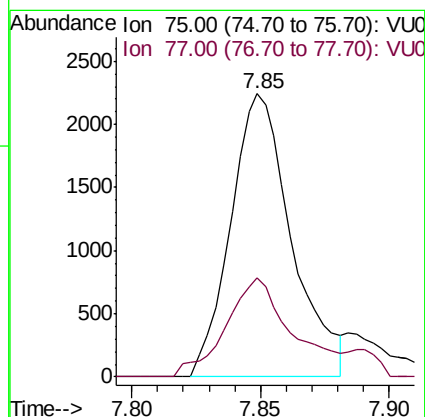
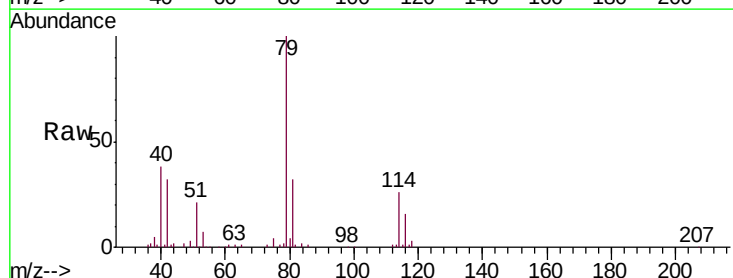
Instrument :
MSVOA_U
ClientSampleId :
VBLK45

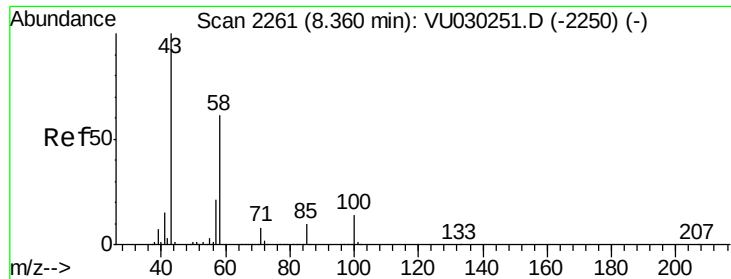
Tgt Ion: 83 Resp: 3895
Ion Ratio Lower Upper
83 100
85 80.4 45.8 85.2



#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030253.D
Acq: 21 Mar 2019 10:23

Tgt Ion: 75 Resp: 3689
Ion Ratio Lower Upper
75 100
77 34.9 22.7 42.1

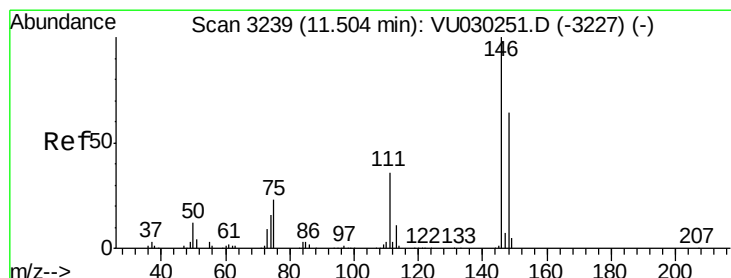
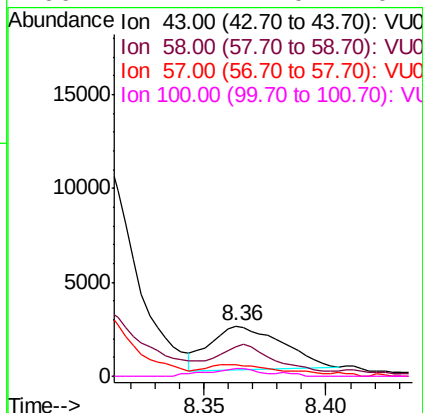
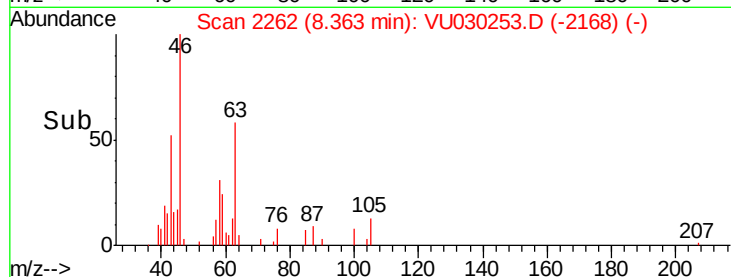
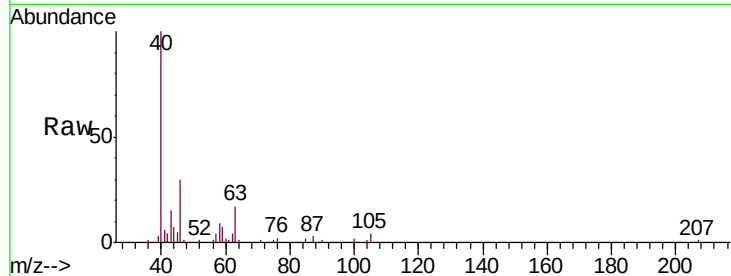




#48
2-Hexanone
Concen: 1.117 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030253.D
Acq: 21 Mar 2019 10:23

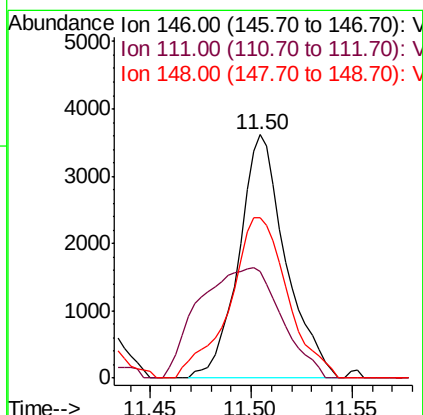
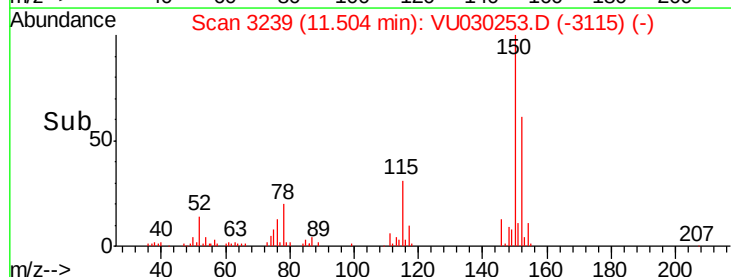
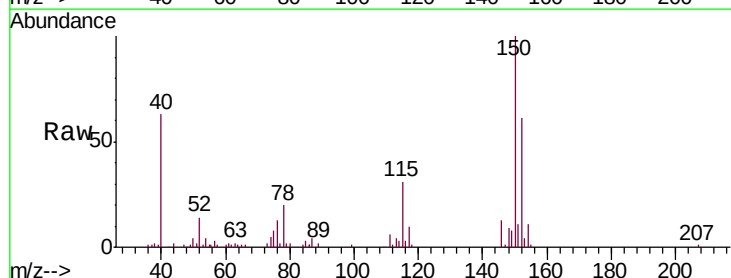
Instrument :
MSVOA_U
ClientSampled :
VBLK45

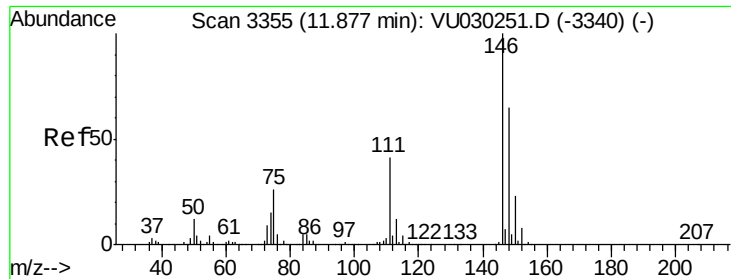
Tgt Ion: 43 Resp: 4789
Ion Ratio Lower Upper
43 100
58 60.5 49.3 73.9
57 25.5 17.0 25.4#
100 12.1 11.0 16.4



#63
1,4-Dichlorobenzene
Concen: 0.740 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030253.D
Acq: 21 Mar 2019 10:23

Tgt Ion: 146 Resp: 5859
Ion Ratio Lower Upper
146 100
111 43.8 25.3 46.9
148 65.9 44.7 82.9





#65
 1,2-Dichlorobenzene
 Concen: 0.741 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030253.D
 Acq: 21 Mar 2019 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK45

Tgt Ion:146 Resp: 5778
 Ion Ratio Lower Upper
 146 100
 111 55.0 31.7 47.5#
 148 75.5 52.0 78.0

