

Data File : VU030553.D
Acq On : 29 Mar 2019 19:44
Operator : JC/SP
Sample : K2168-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 30 02:16:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	376888	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	139115	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	162716	53.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.30%
7) Chloroethane-d5	1.68	69	133424	55.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.27	63	237240	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.46%
21) 2-Butanone-d5	4.18	46	299833	105.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.16%
24) Chloroform-d	4.64	84	286860	54.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.78%
26) 1,2-Dichloroethane-d4	5.31	65	195138	57.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.12%
32) Benzene-d6	5.34	84	581139	56.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.02%
36) 1,2-Dichloropropane-d6	6.33	67	205206	57.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.62%
41) Toluene-d8	7.56	98	494468	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%
43) trans-1,3-Dichloropropene-	7.85	79	84775	50.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.58%
47) 2-Hexanone-d5	8.31	63	190406	98.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274716	54.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	162609	58.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.68%

Target Compounds

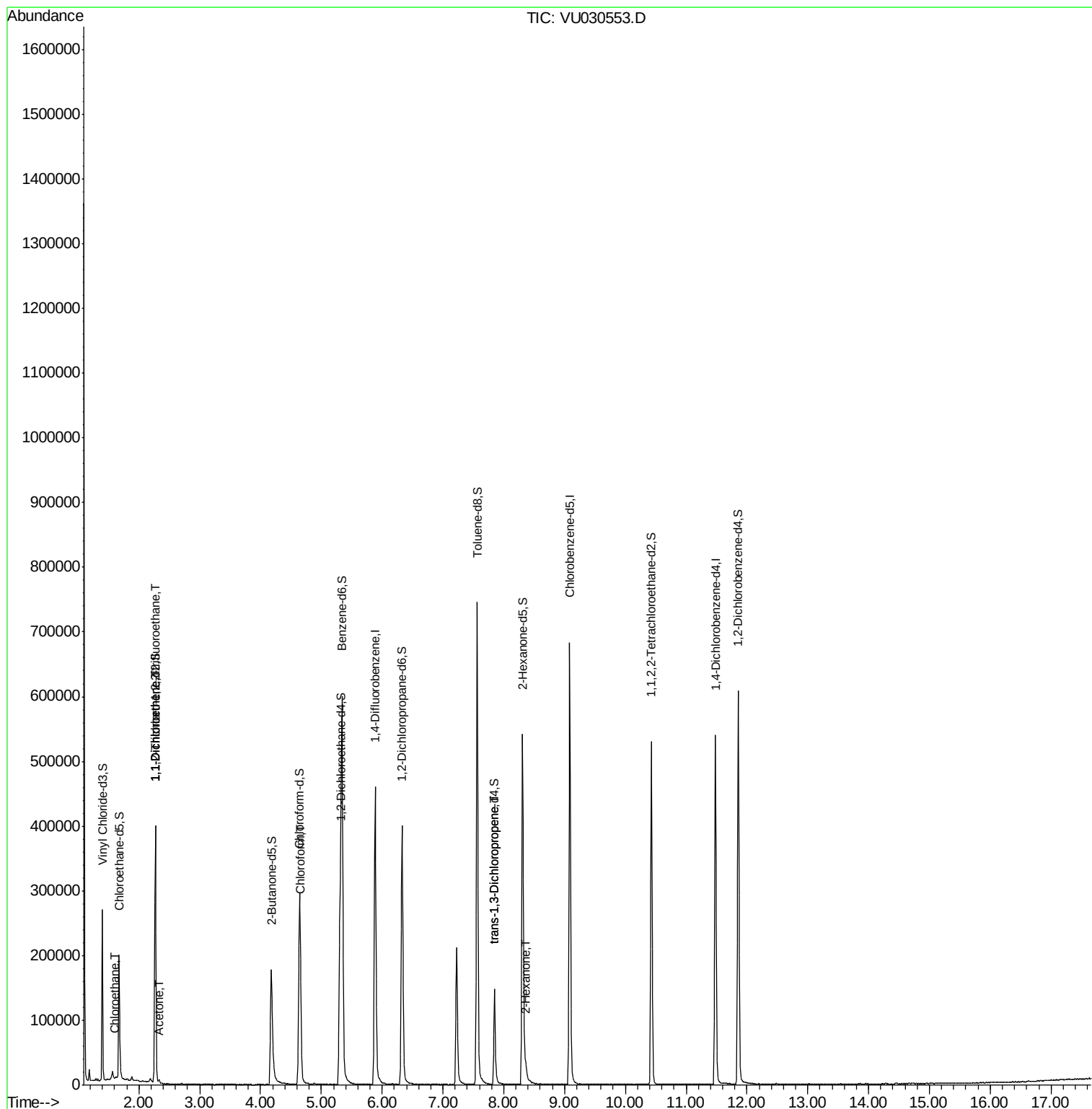
					Qvalue	
8) Chloroethane	1.60	64	1193	0.479	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2024	0.736	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1917	0.711	ug/L #	1
13) Acetone	2.32	43	1486	0.515	ug/L	88
25) Chloroform	4.67	83	3693	0.669	ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	3623	0.820	ug/L #	71
48) 2-Hexanone	8.36	43	8075	1.678	ug/L #	94

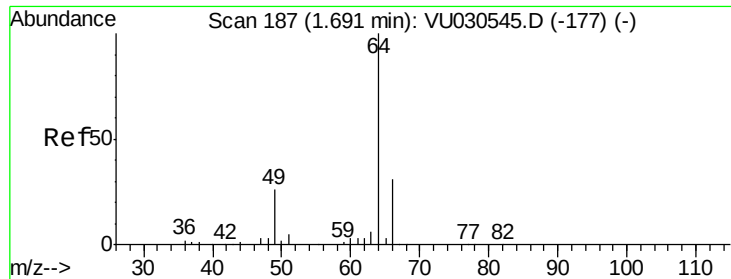
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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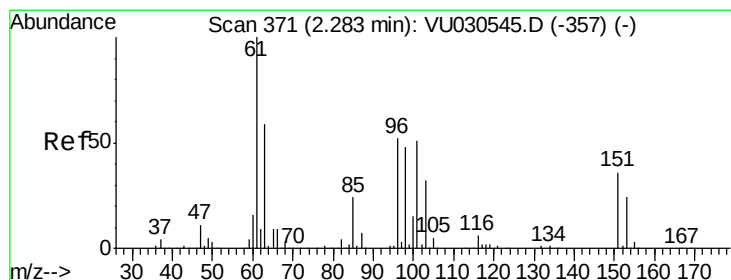
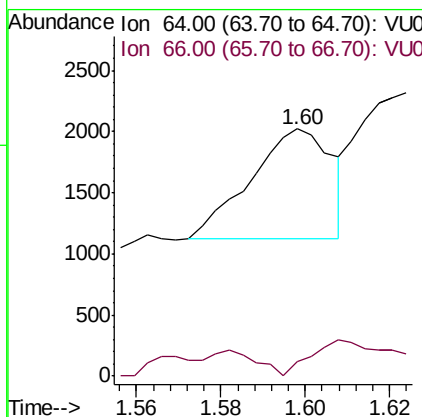
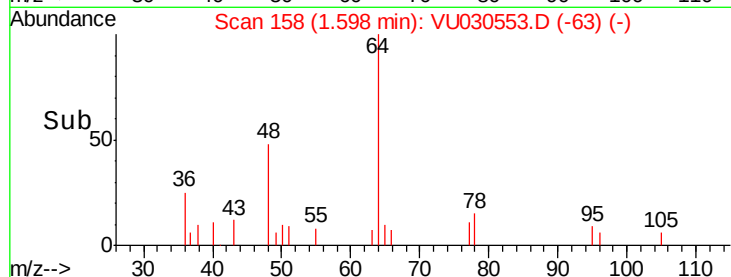
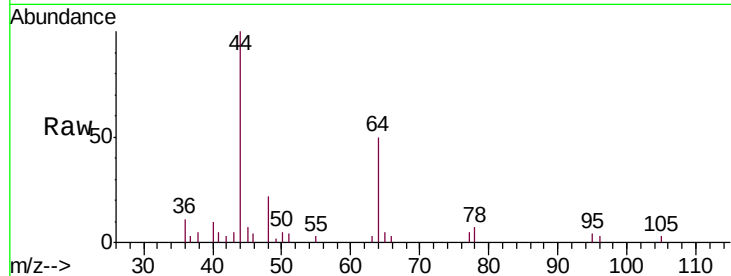




#8
Chloroethane
Concen: 0.479 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.09 min
Lab File: VU030553.D
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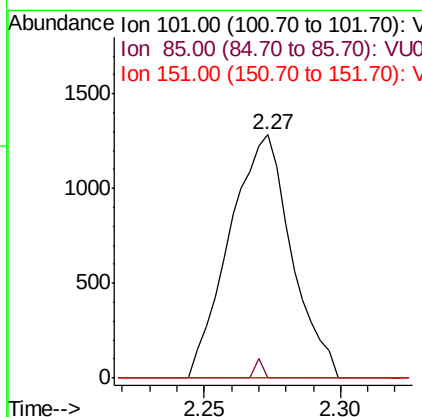
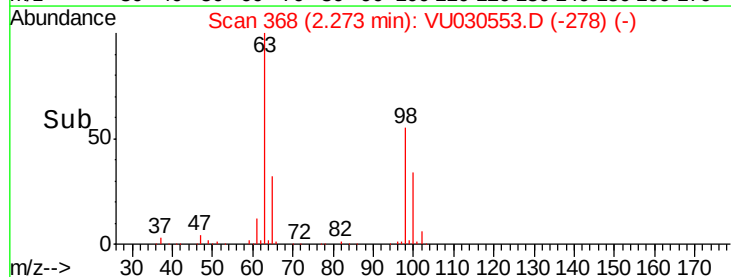
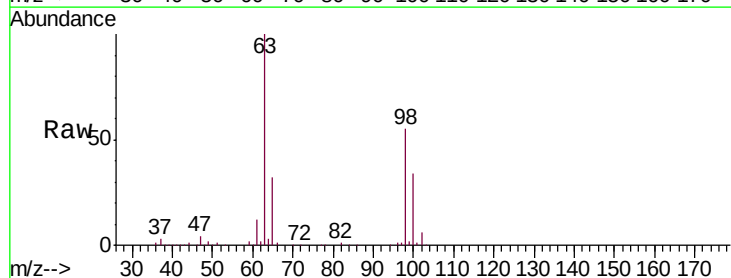
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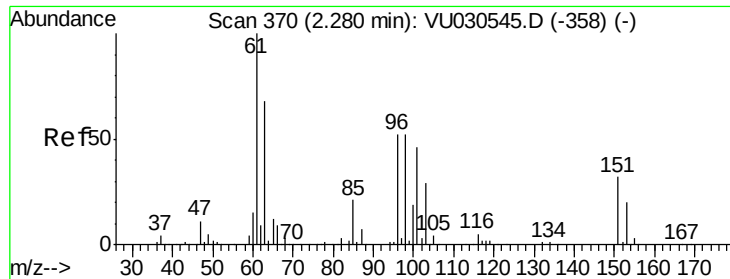
Tgt Ion: 64 Resp: 1193
Ion Ratio Lower Upper
64 100
66 6.0 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.736 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030553.D
Acq: 29 Mar 2019 19:44

Tgt Ion: 101 Resp: 2024
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 56.6 85.0#





#12

1,1-Dichloroethene

Concen: 0.711 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030553.D

Acq: 29 Mar 2019 19:44

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

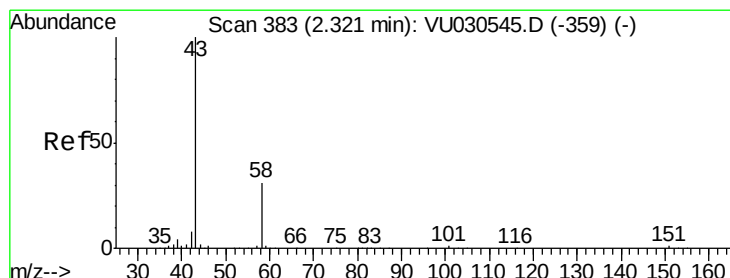
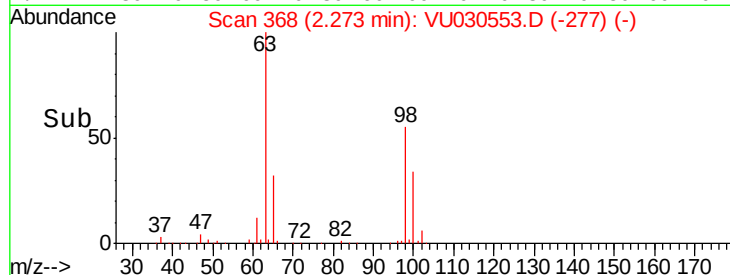
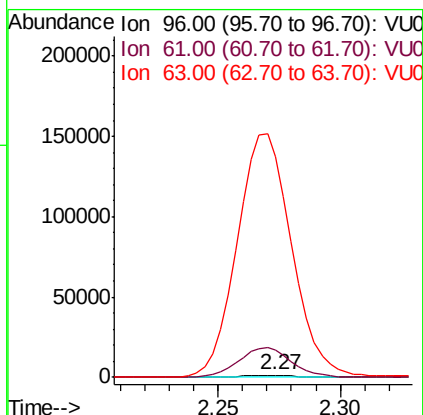
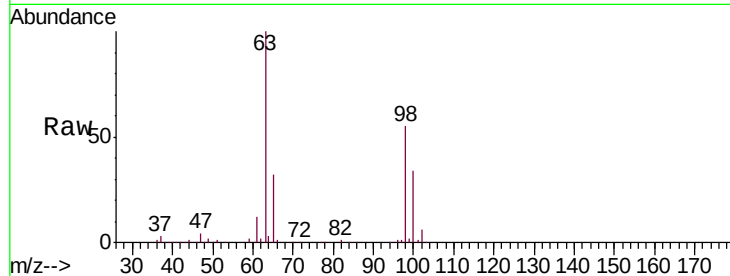
Tgt Ion: 96 Resp: 1917

Ion Ratio Lower Upper

96 100

61 1411.0 131.0 243.4#

63 11613.2 92.4 171.6#



#13

Acetone

Concen: 0.515 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030553.D

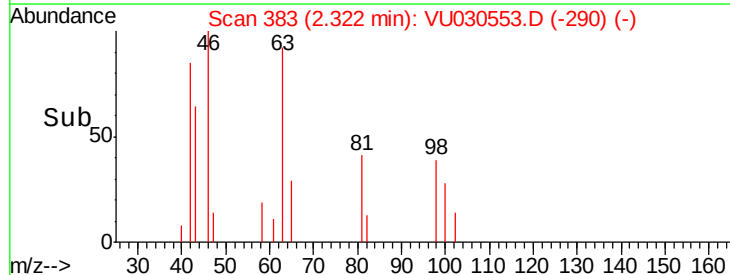
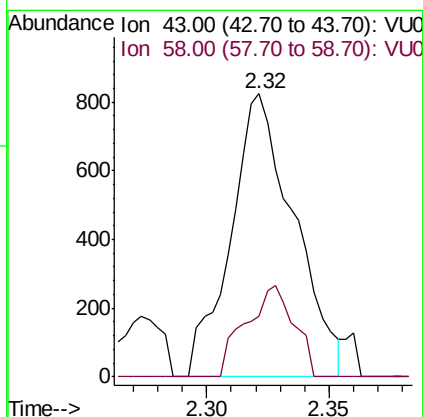
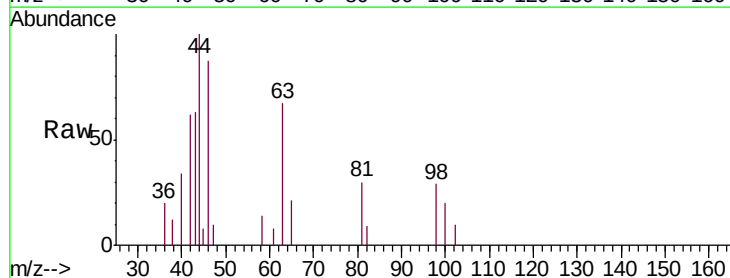
Acq: 29 Mar 2019 19:44

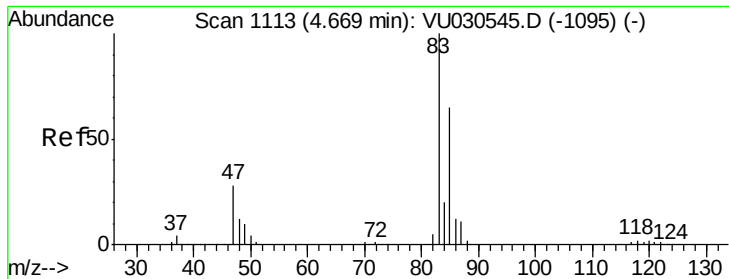
Tgt Ion: 43 Resp: 1486

Ion Ratio Lower Upper

43 100

58 24.6 0.0 62.8

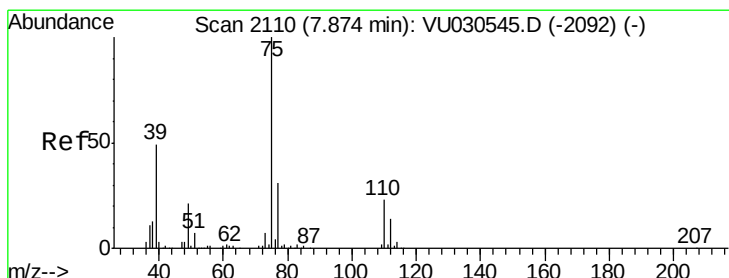
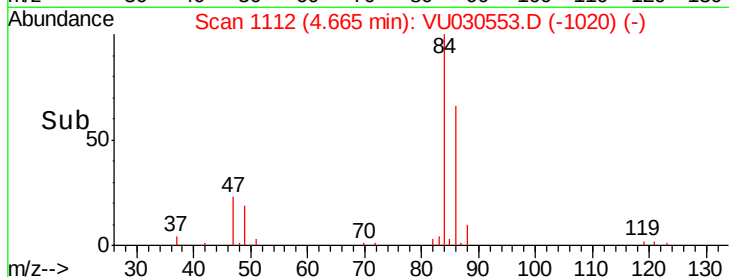
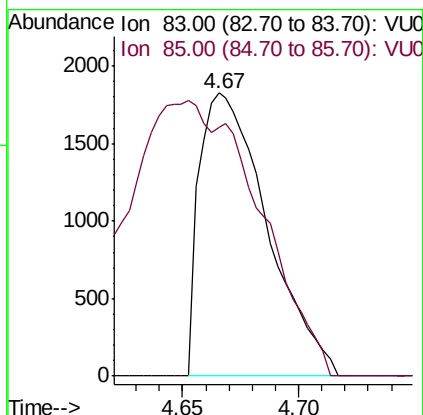
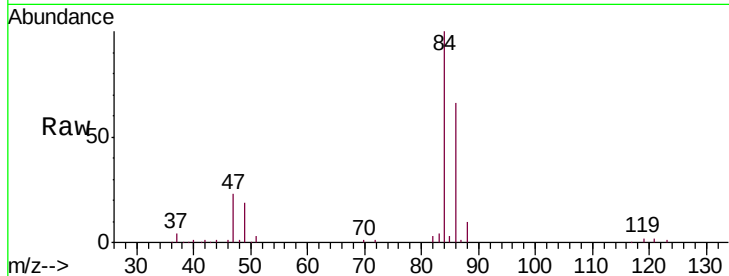




#25
Chloroform
Concen: 0.669 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030553.D
Acq: 29 Mar 2019 19:44

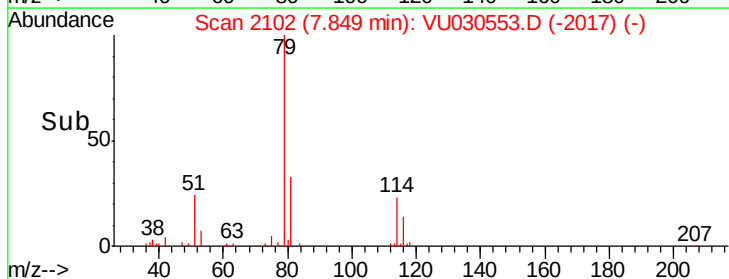
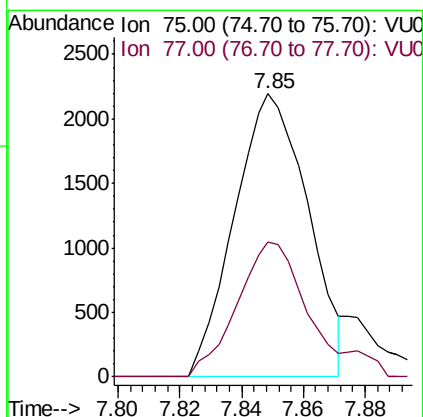
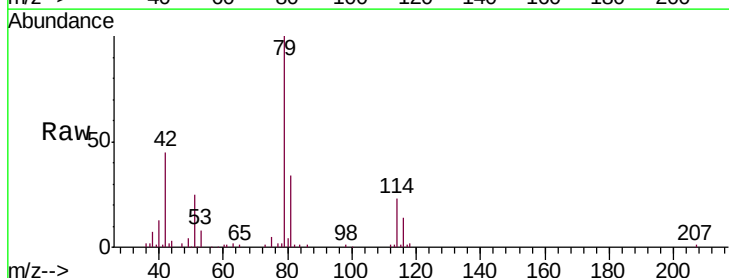
Instrument :
MSVOA_U
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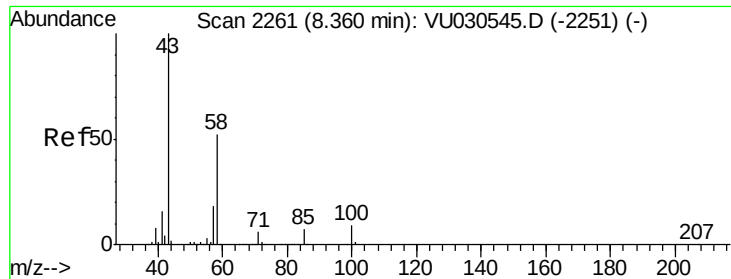
Tgt Ion: 83 Resp: 3693
Ion Ratio Lower Upper
83 100
85 87.8 44.4 82.4#



#44
trans-1,3-Dichloropropene
Concen: 0.820 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030553.D
Acq: 29 Mar 2019 19:44

Tgt Ion: 75 Resp: 3623
Ion Ratio Lower Upper
75 100
77 47.6 22.0 40.8#





#48
 2-Hexanone
 Concen: 1.678 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU030553.D
 Acq: 29 Mar 2019 19:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 8075
 Ion Ratio Lower Upper
 43 100
 58 48.2 42.5 63.7
 57 18.4 15.0 22.6
 100 4.8 7.4 11.2#

