

Data File : VU030178.D
Acq On : 18 Mar 2019 16:50
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Mar 19 02:29:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	491932	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	157254	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.66%
7) Chloroethane-d5	1.68	69	134864	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.68%
11) 1,1-Dichloroethene-d2	2.27	63	217379	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.02%
21) 2-Butanone-d5	4.18	46	115328	47.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	47.31%
24) Chloroform-d	4.65	84	300933	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
26) 1,2-Dichloroethane-d4	5.31	65	182107	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.02%
32) Benzene-d6	5.34	84	631690	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
36) 1,2-Dichloropropane-d6	6.33	67	201653	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.78%
41) Toluene-d8	7.56	98	554258	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%
43) trans-1,3-Dichloropropene-	7.85	79	72695	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.72%
47) 2-Hexanone-d5	8.31	63	191906	89.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303387	51.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	225561	54.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.16%

Target Compounds

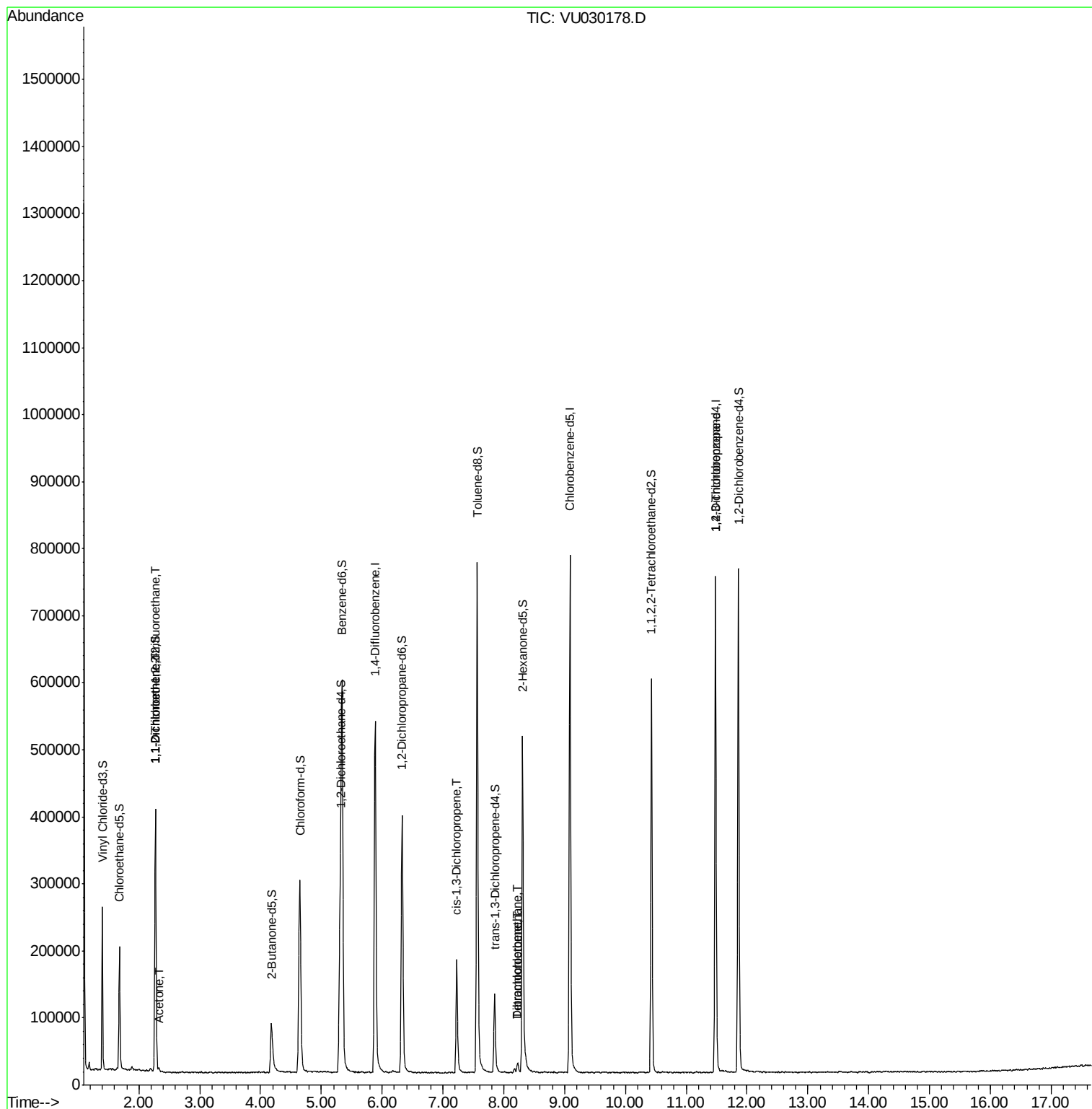
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2084	0.645	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1721	0.558	ug/L #	1
13) Acetone	2.32	43	1554	0.545	ug/L	87
39) cis-1,3-Dichloropropene	7.23	75	3982	0.702	ug/L #	49
46) Tetrachloroethene	8.23	164	3992	1.257	ug/L	92
49) Dibromochloromethane	8.23	129	3615	0.888	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	21979	4.633	ug/L	91

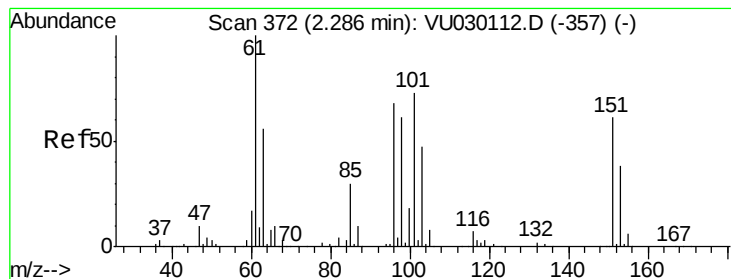
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.645 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

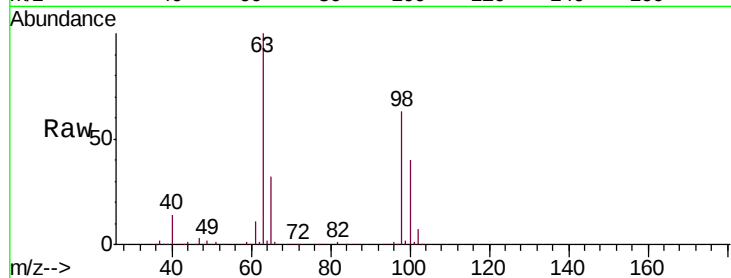
Tgt Ion: 101 Resp: 2084

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

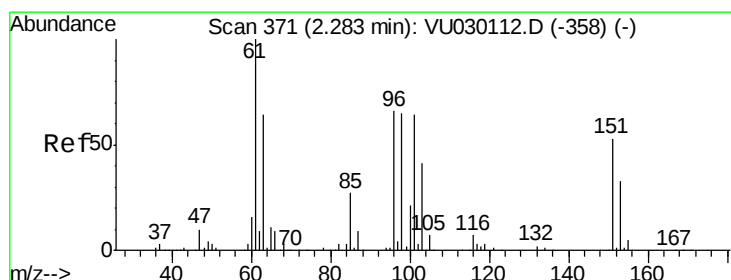
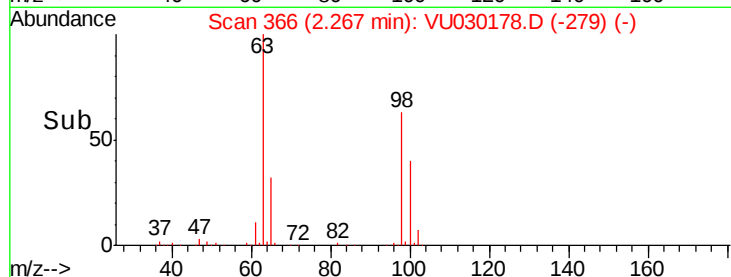
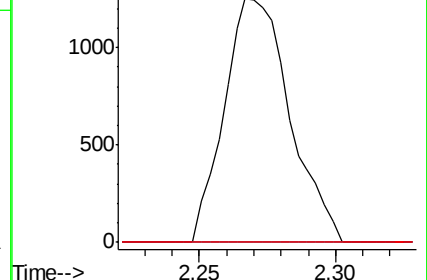
151 0.0 66.1 99.1#



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: 0.558 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030178.D

Acq: 18 Mar 2019 16:50

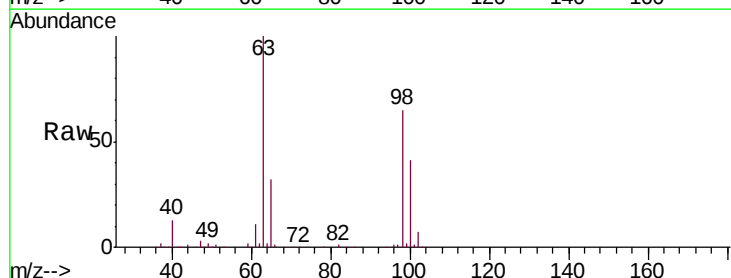
Tgt Ion: 96 Resp: 1721

Ion Ratio Lower Upper

96 100

61 1439.0 110.4 205.0#

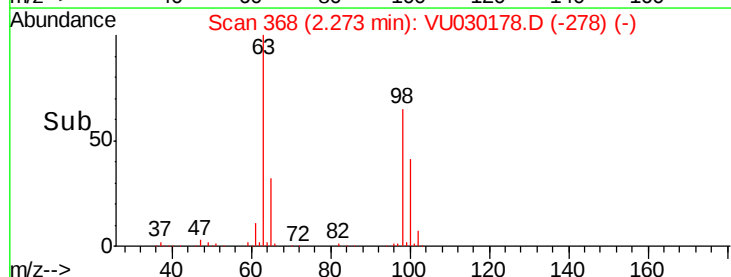
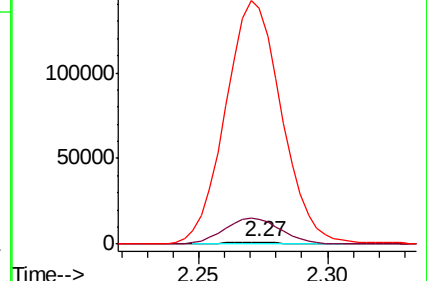
63 13669.0 86.5 160.7#

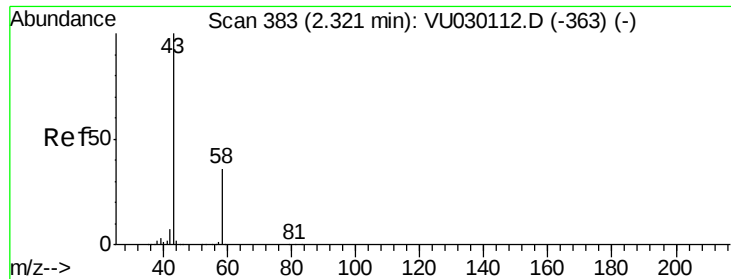


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.545 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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ClientSampleId :

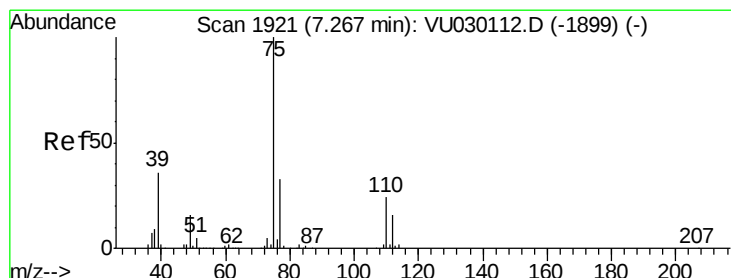
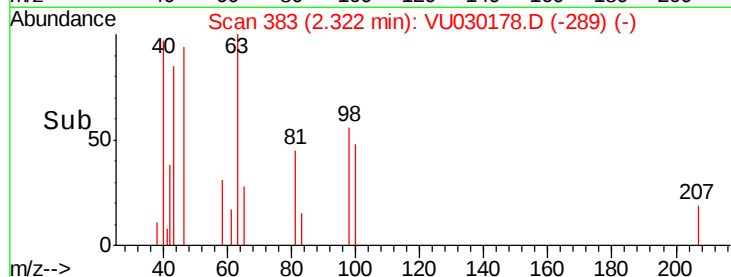
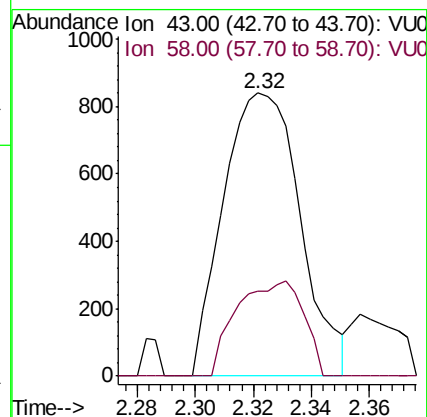
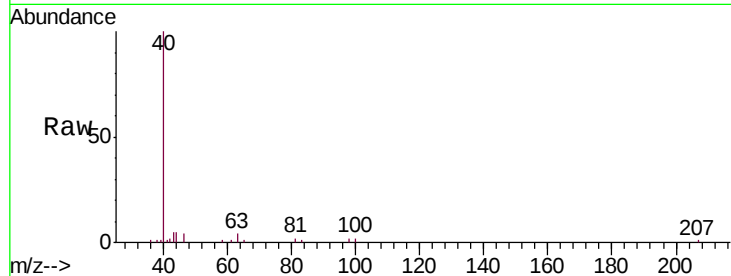
VIBLK41

Tgt Ion: 43 Resp: 1554

Ion Ratio Lower Upper

43 100

58 29.1 0.0 73.0



#39

cis-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030178.D

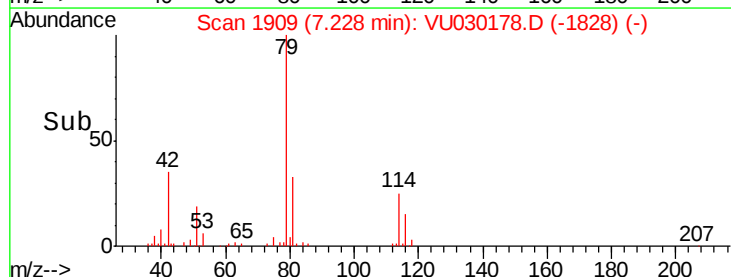
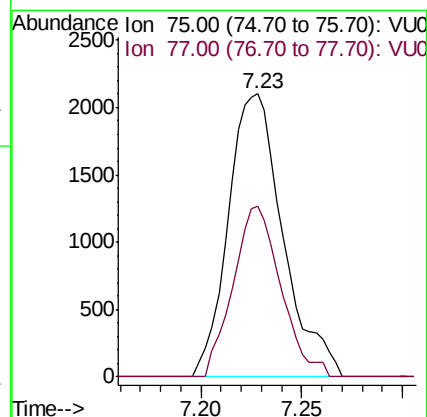
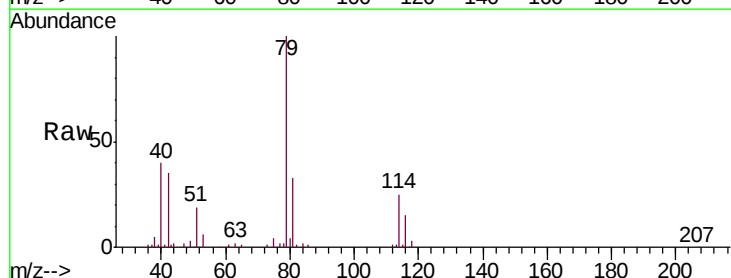
Acq: 18 Mar 2019 16:50

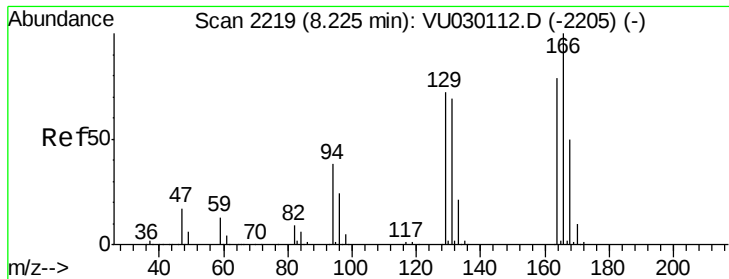
Tgt Ion: 75 Resp: 3982

Ion Ratio Lower Upper

75 100

77 60.3 22.2 41.2#





#46

Tetrachloroethene

Concen: 1.257 ug/L

RT: 8.23 min Scan# 2220

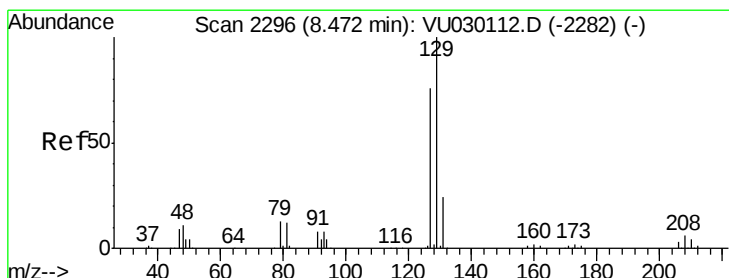
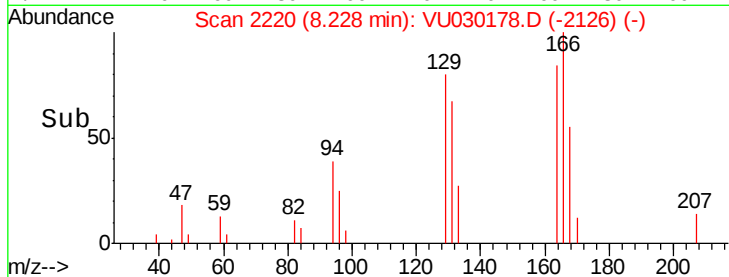
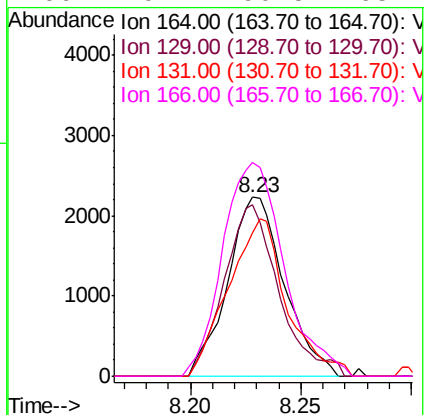
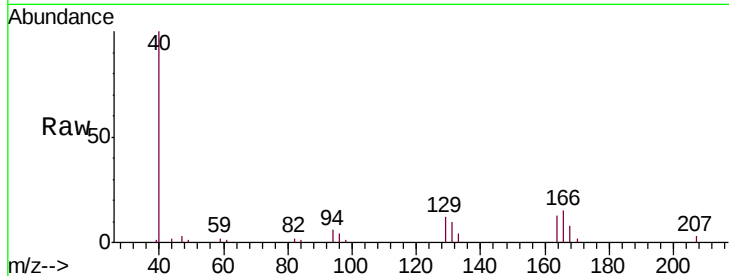
Delta R.T. 0.00 min

Lab File: VU030178.D

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Instrument :
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VIBLK41

Tgt Ion:	164	Resp:	3992
Ion	Ratio	Lower	Upper
164	100		
129	95.8	63.3	117.7
131	80.3	62.0	115.2
166	119.4	90.5	168.1



#49

Dibromochloromethane

Concen: 0.888 ug/L

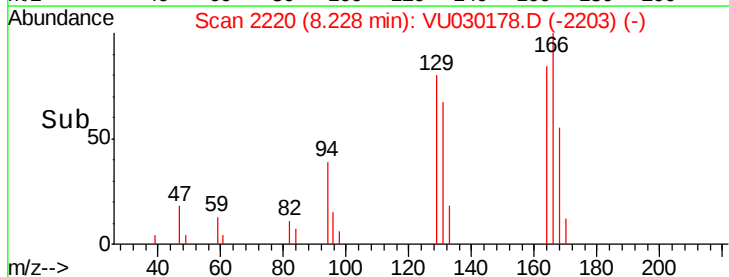
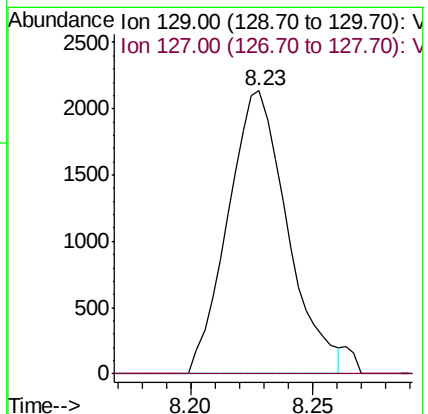
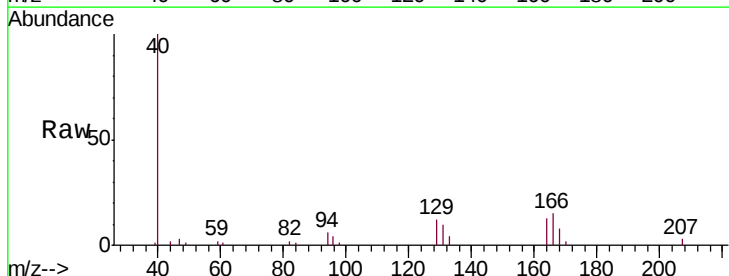
RT: 8.23 min Scan# 2220

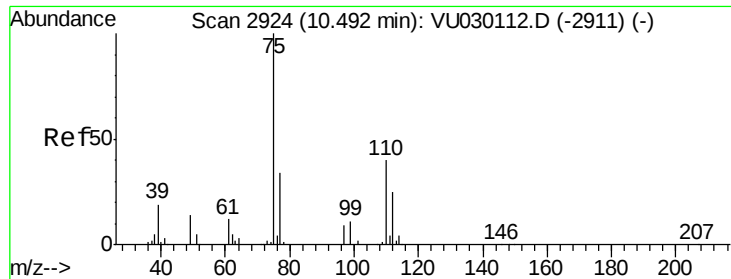
Delta R.T. -0.24 min

Lab File: VU030178.D

Acq: 18 Mar 2019 16:50

Tgt Ion:	129	Resp:	3615
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#





#59

1,2,3-Trichloropropane

Concen: 4.633 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030178.D

Acq: 18 Mar 2019 16:50

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

Tgt Ion: 75 Resp: 21979

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8

