

Data File : VU030176.D
Acq On : 18 Mar 2019 16:04
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Mar 19 02:29:16 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	523385	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510908	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225461	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	173310	50.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.12%
7) Chloroethane-d5	1.68	69	146609	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.92%
11) 1,1-Dichloroethene-d2	2.27	63	232530	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.42%
21) 2-Butanone-d5	4.18	46	134946	52.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.03%
24) Chloroform-d	4.65	84	308785	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	5.31	65	183342	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
32) Benzene-d6	5.34	84	673749	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.33	67	211371	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.56	98	594282	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%
43) trans-1,3-Dichloropropene-	7.85	79	76498	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.46%
47) 2-Hexanone-d5	8.31	63	199975	88.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309328	50.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	238704	54.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.30%

Target Compounds

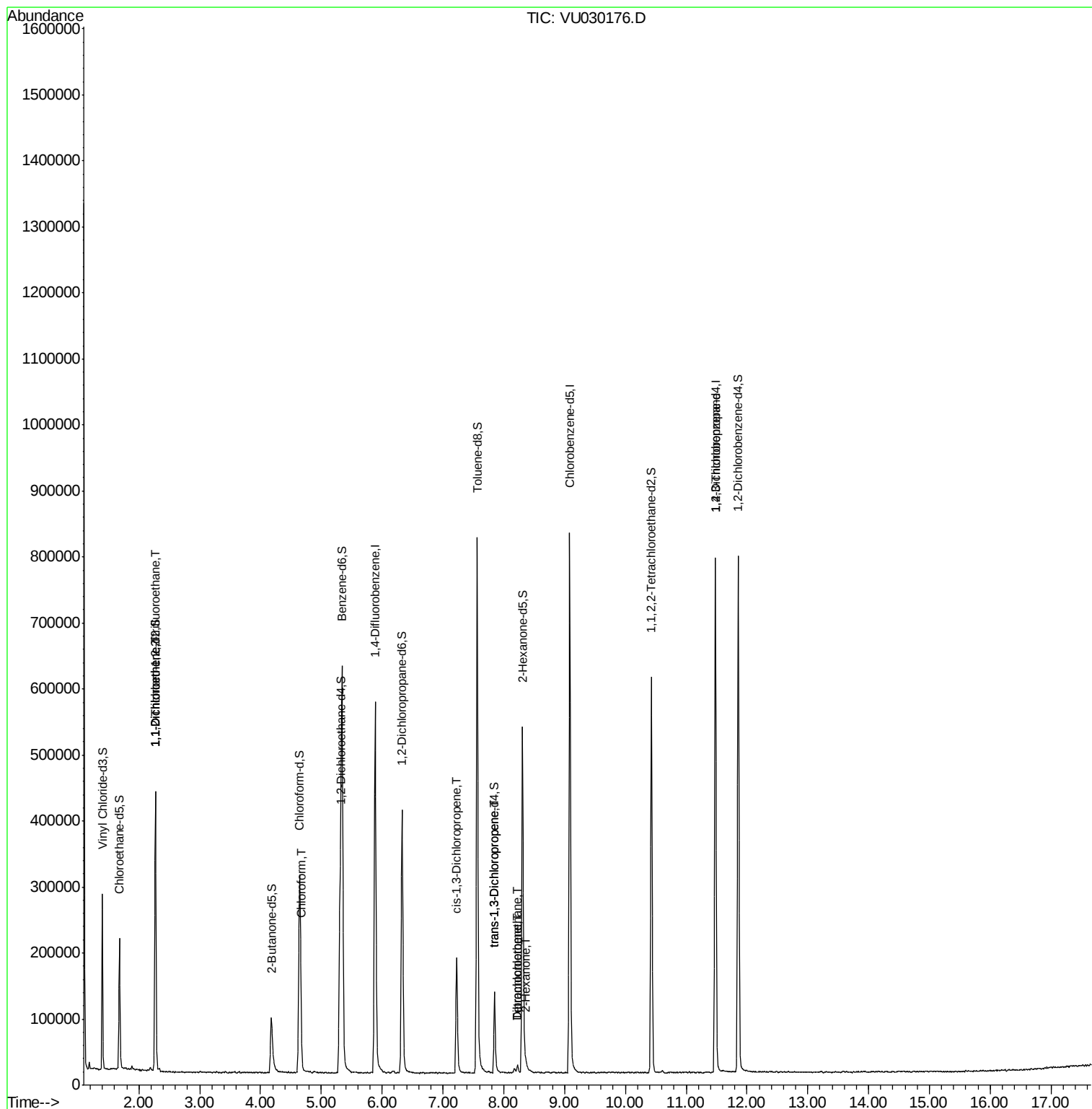
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2050	0.596	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2035	0.620	ug/L #	1
25) Chloroform	4.67	83	3754	0.583	ug/L	84
39) cis-1,3-Dichloropropene	7.23	75	4082	0.682	ug/L #	45
44) trans-1,3-Dichloropropene	7.85	75	3004	0.550	ug/L #	79
46) Tetrachloroethene	8.23	164	3061	0.913	ug/L	90
48) 2-Hexanone	8.37	43	5116	1.155	ug/L #	90
49) Dibromochloromethane	8.23	129	3037	0.707	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	22899	4.572	ug/L	95

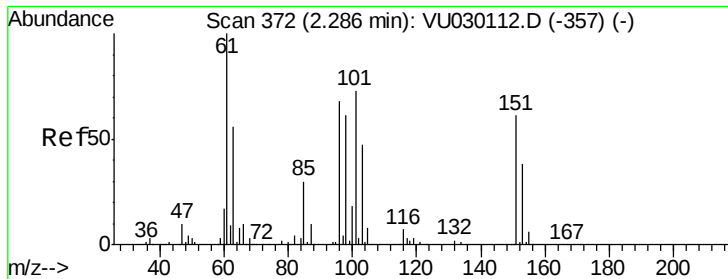
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration





#10

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

Concen: 0.596 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030176.D

Acq: 18 Mar 2019 16:04

Instrument :

MSVOA_U

ClientSampled :

VIBLK40

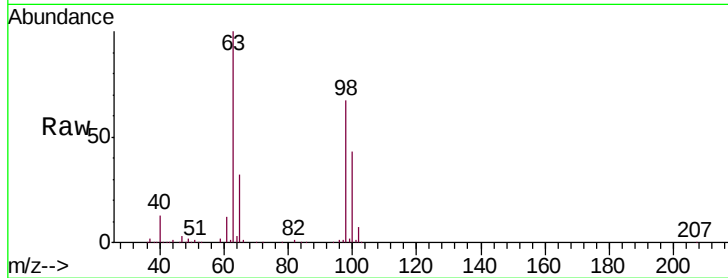
Tgt Ion: 101 Resp: 2050

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

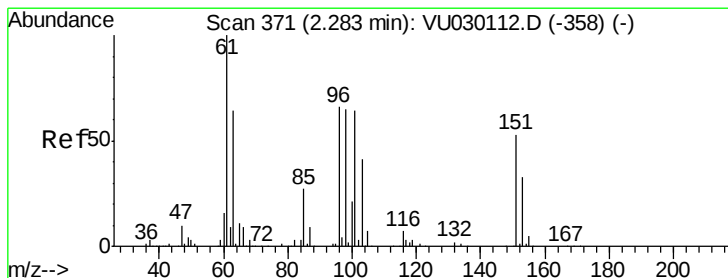
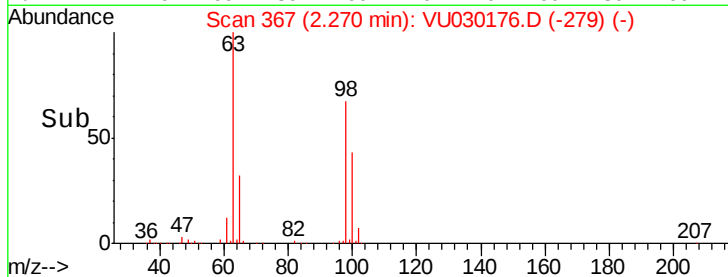
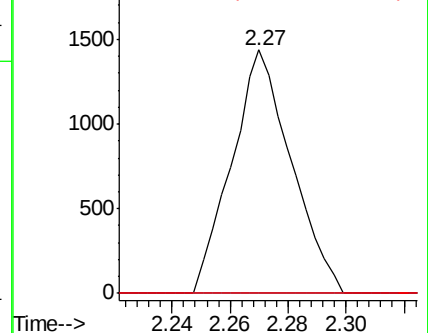
151 0.0 66.1 99.1#



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: 0.620 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030176.D

Acq: 18 Mar 2019 16:04

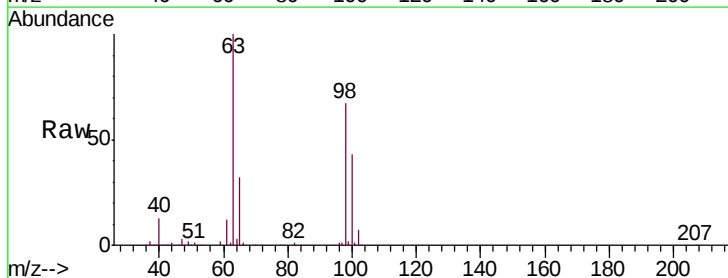
Tgt Ion: 96 Resp: 2035

Ion Ratio Lower Upper

96 100

61 1335.8 110.4 205.0#

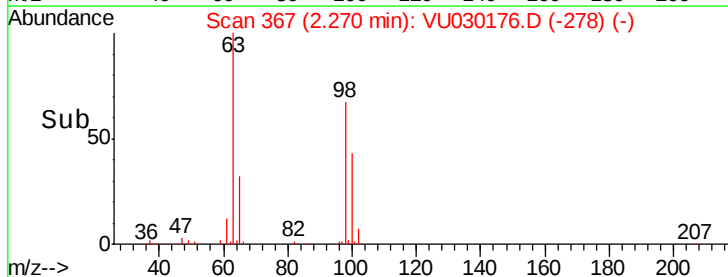
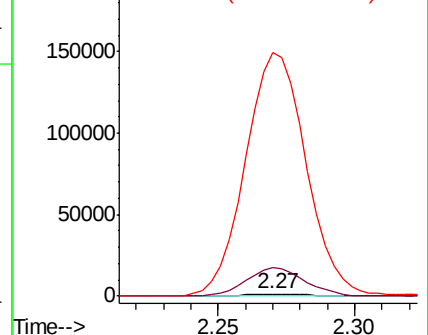
63 11420.2 86.5 160.7#

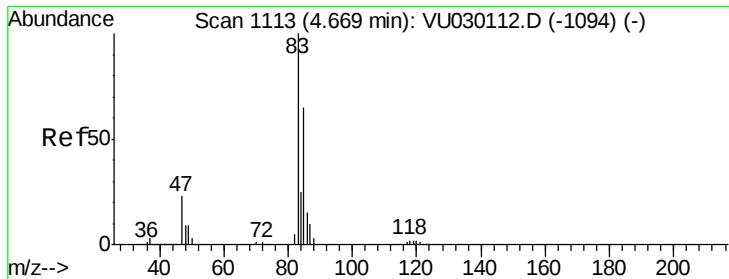


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 0.583 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU030176.D

Acq: 18 Mar 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

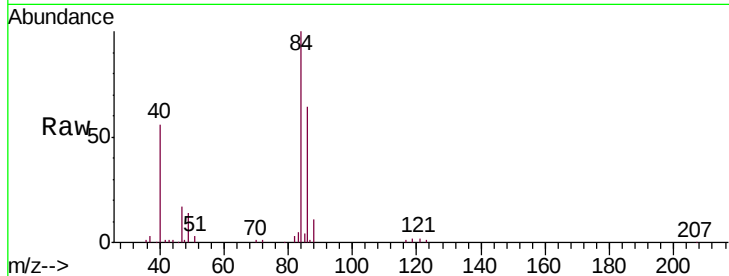
VIBLK40

Tgt Ion: 83 Resp: 3754

Ion Ratio Lower Upper

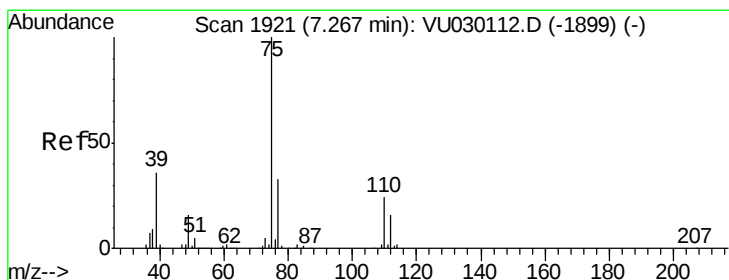
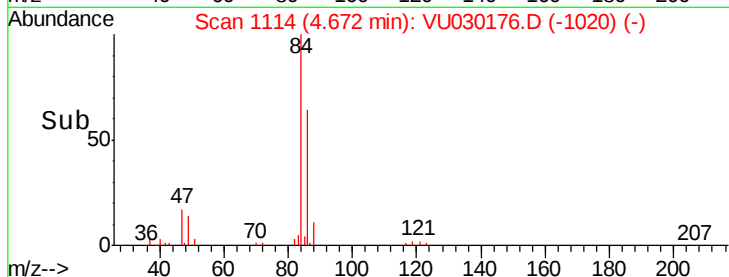
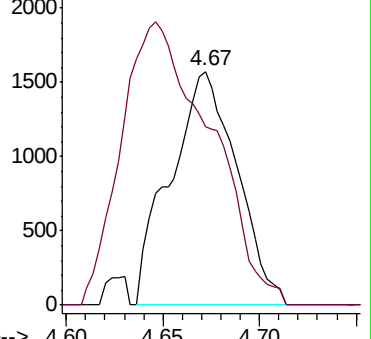
83 100

85 76.4 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU030112.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030112.D (-1094) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.682 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030176.D

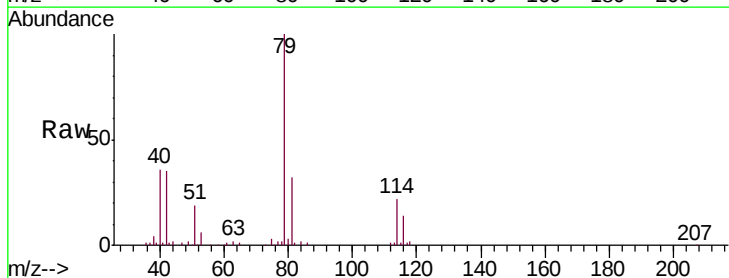
Acq: 18 Mar 2019 16:04

Tgt Ion: 75 Resp: 4082

Ion Ratio Lower Upper

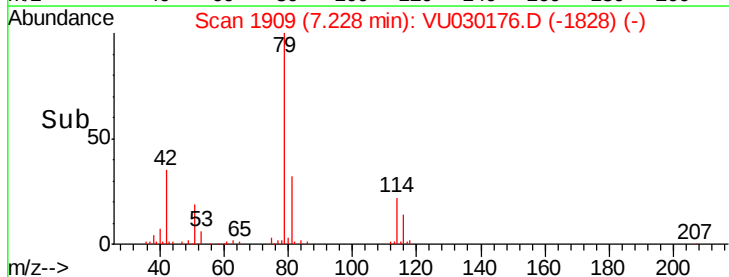
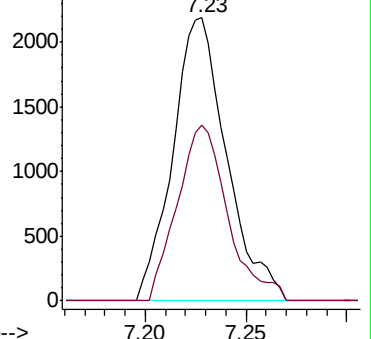
75 100

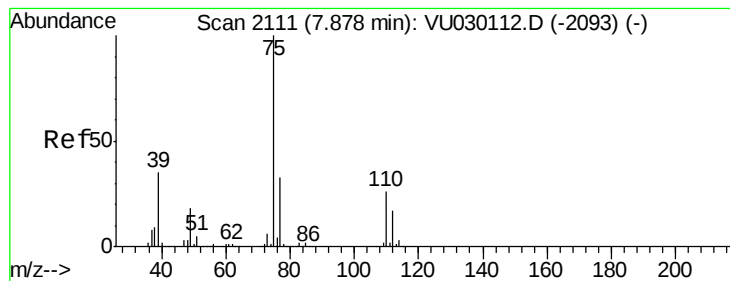
77 62.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030112.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU030112.D (-1899) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.550 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030176.D

Acq: 18 Mar 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

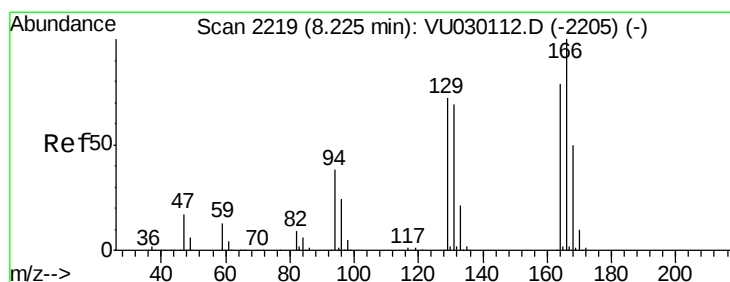
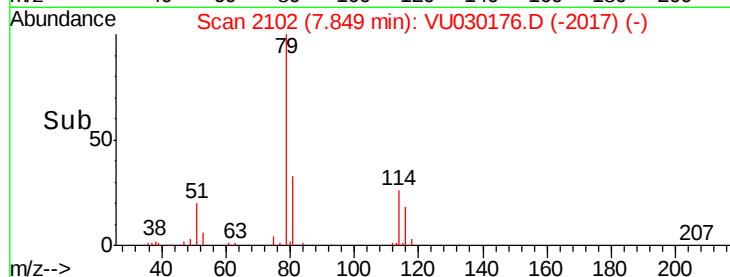
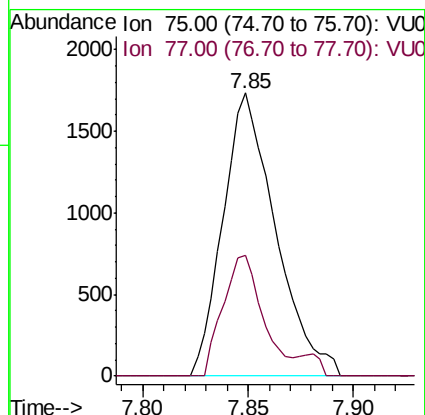
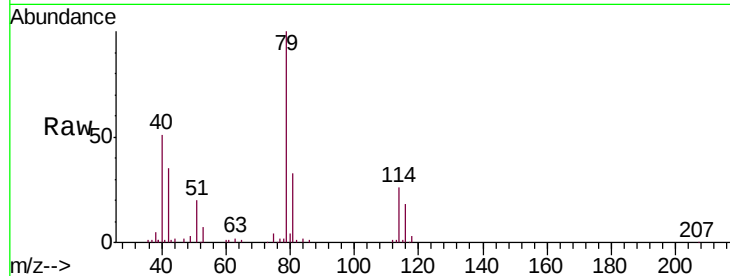
VIBLK40

Tgt Ion: 75 Resp: 3004

Ion Ratio Lower Upper

75 100

77 42.7 21.9 40.7#



#46

Tetrachloroethene

Concen: 0.913 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU030176.D

Acq: 18 Mar 2019 16:04

Tgt Ion: 164 Resp: 3061

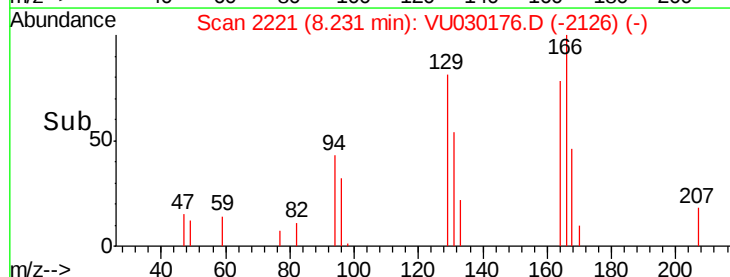
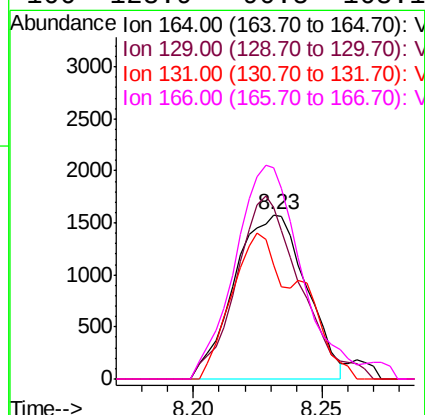
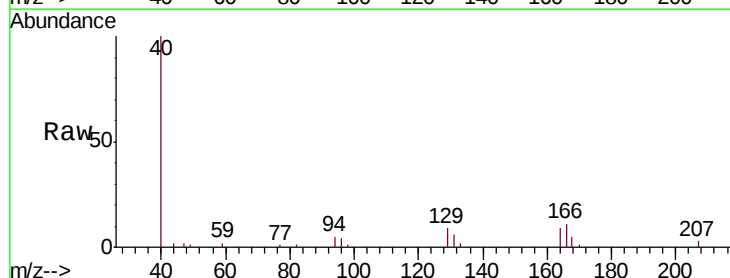
Ion Ratio Lower Upper

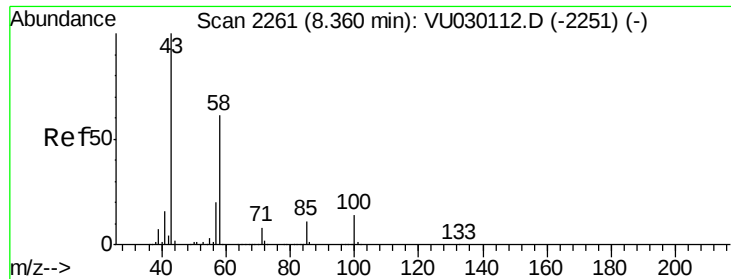
164 100

129 104.7 63.3 117.7

131 69.6 62.0 115.2

166 128.9 90.5 168.1

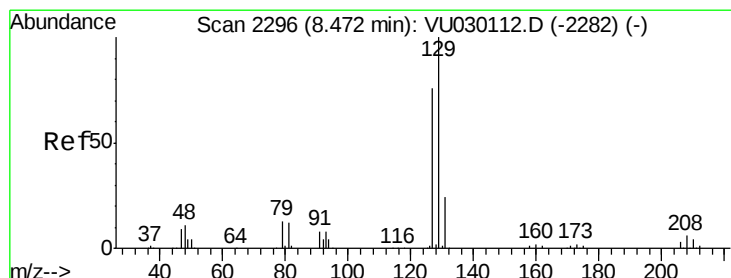
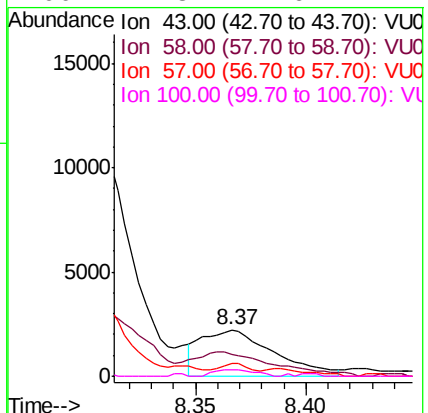
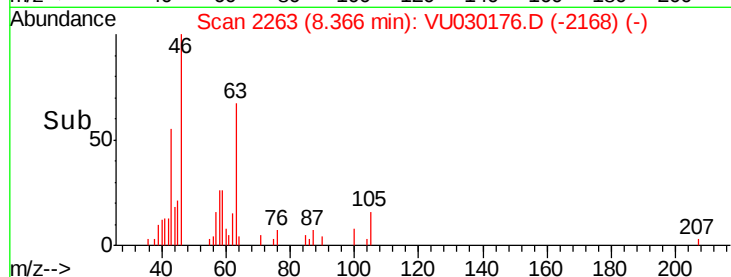
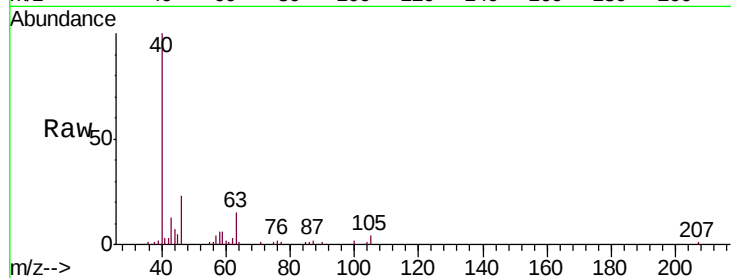




#48
2-Hexanone
Concen: 1.155 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030176.D
Acq: 18 Mar 2019 16:04

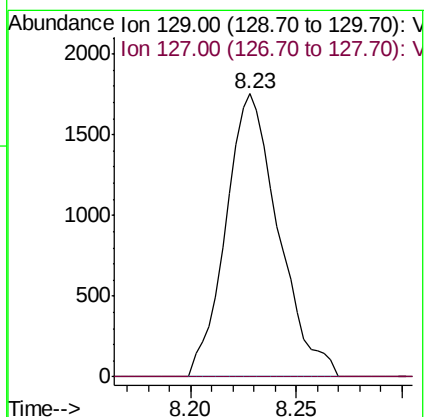
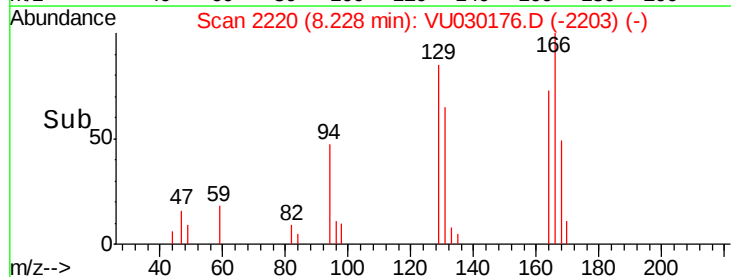
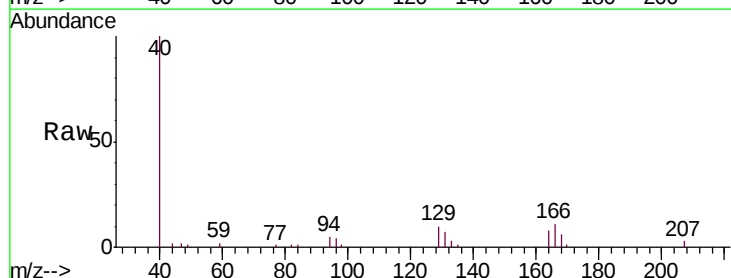
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

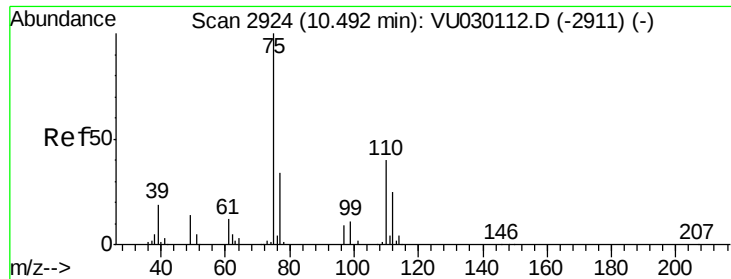
Tgt Ion: 43 Resp: 5116
Ion Ratio Lower Upper
43 100
58 59.7 48.6 72.8
57 5.4 16.1 24.1#
100 7.8 11.6 17.4#



#49
Dibromochloromethane
Concen: 0.707 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU030176.D
Acq: 18 Mar 2019 16:04

Tgt Ion: 129 Resp: 3037
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#59

1,2,3-Trichloropropane

Concen: 4.572 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030176.D

Acq: 18 Mar 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 22899

Ion Ratio Lower Upper

75 100

77 34.9 25.8 38.8

