

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030743.D
 Acq On : 05 Apr 2019 15:06
 Operator : JC/SP
 Sample : K2269-05 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR7

Quant Time: Apr 05 23:47:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	272409	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	268430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106797	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116366	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.68	69	94589	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.50%
11) 1,1-Dichloroethene-d2	2.27	63	164280	37.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.70%
21) 2-Butanone-d5	4.17	46	215726	111.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.93%
24) Chloroform-d	4.64	84	184114	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.31	65	131726	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
32) Benzene-d6	5.34	84	386057	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
36) 1,2-Dichloropropane-d6	6.33	67	132539	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.70%
41) Toluene-d8	7.56	98	324328	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%
43) trans-1,3-Dichloropropene-	7.85	79	57061	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.31	63	115850	94.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	185409	51.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	108102	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%

Target Compounds

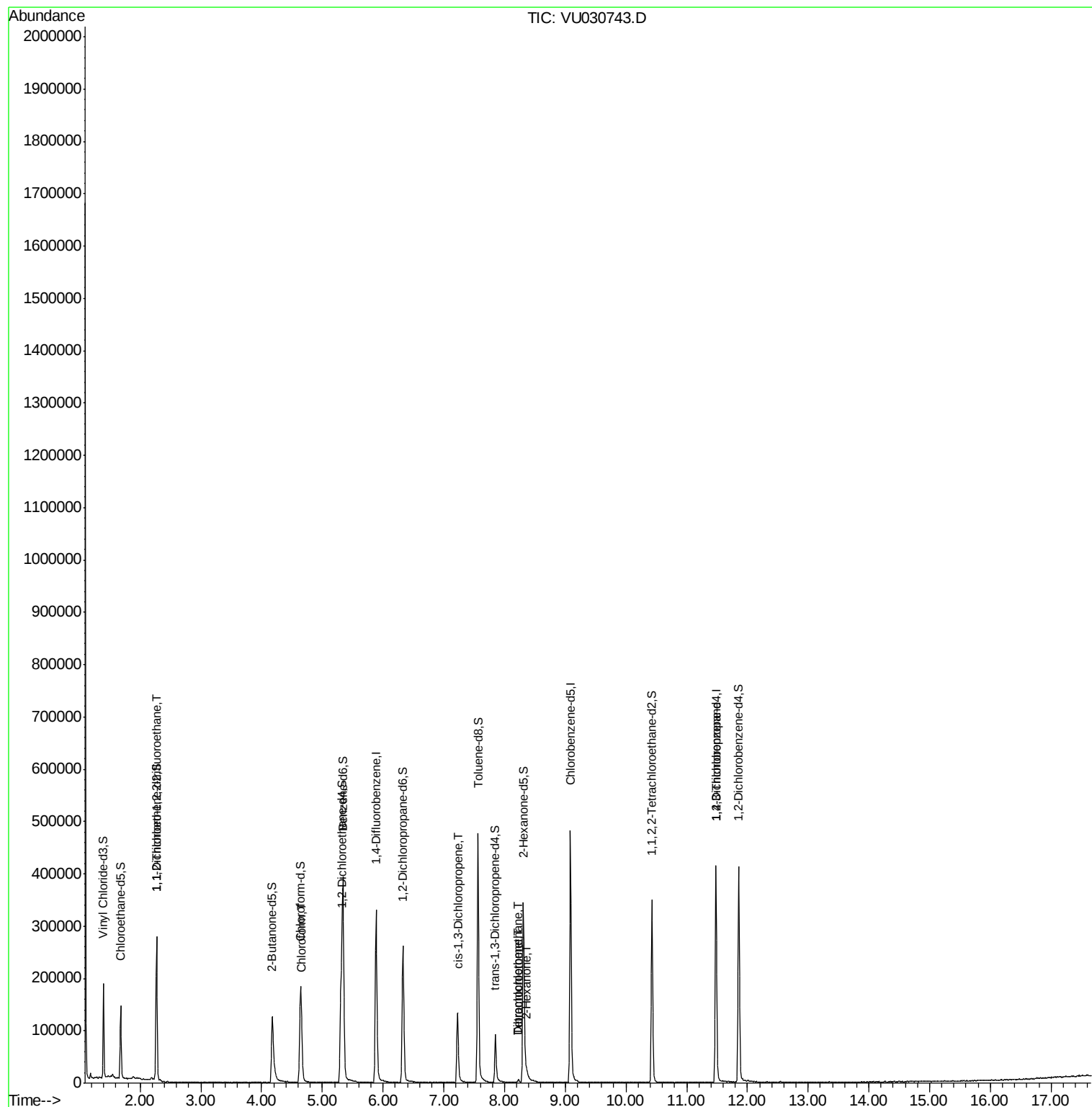
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1383	0.709 ug/L #	20
25) Chloroform	4.67	83	9925	2.393 ug/L	96
39) cis-1,3-Dichloropropene	7.23	75	3350	0.946 ug/L	90
46) Tetrachloroethene	8.22	164	754	0.481 ug/L #	76
48) 2-Hexanone	8.36	43	7951	2.548 ug/L #	56
49) Dibromochloromethane	8.23	129	1403	0.627 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	13970	4.689 ug/L	93

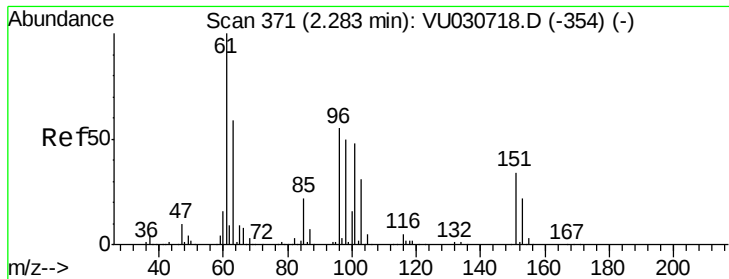
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040519\
Data File : VU030743.D
Acq On : 05 Apr 2019 15:06
Operator : JC/SP
Sample : K2269-05 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR7

Quant Time: Apr 05 23:47:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:39:17 2019
Response via : Initial Calibration





#10

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

Concen: 0.709 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030743.D

Acq: 05 Apr 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

C0BR7

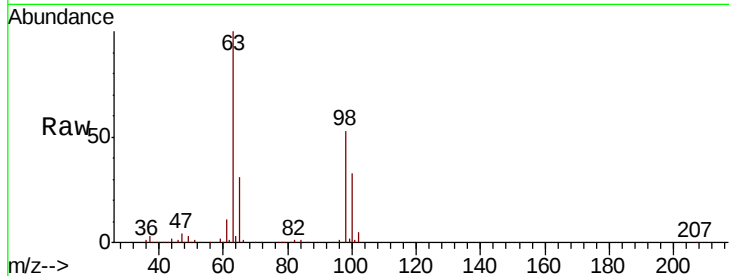
Tot Ion:101 Resp: 1383

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

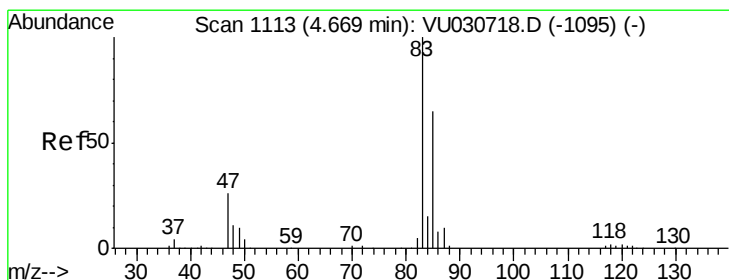
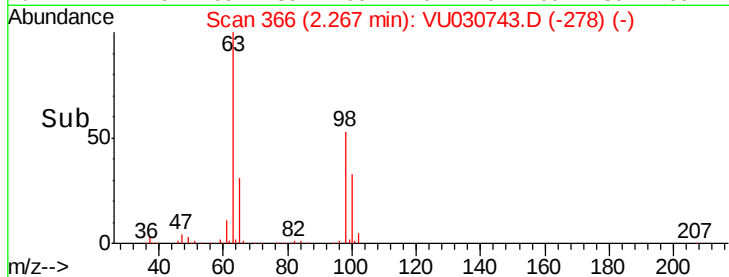
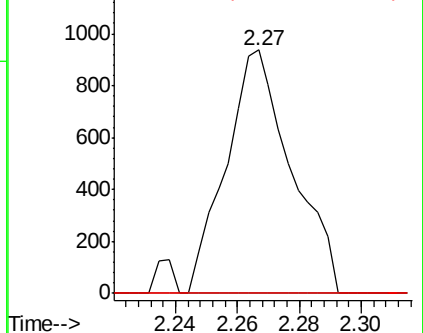
151 0.0 57.4 86.0#



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



#25

Chloroform

Concen: 2.393 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030743.D

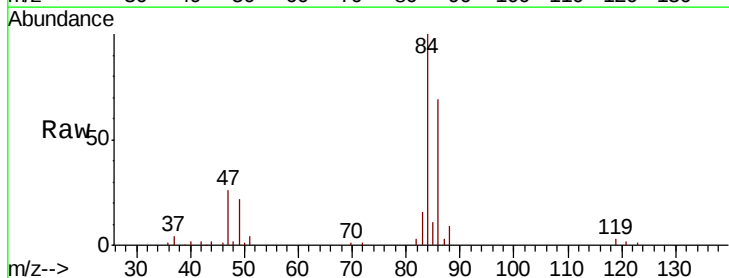
Acq: 05 Apr 2019 15:06

Tgt Ion: 83 Resp: 9925

Ion Ratio Lower Upper

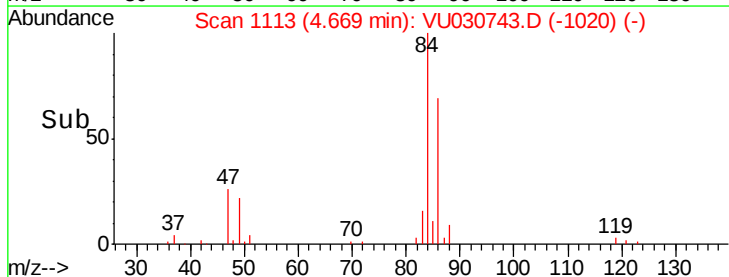
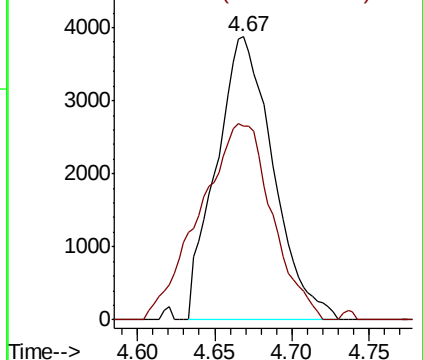
83 100

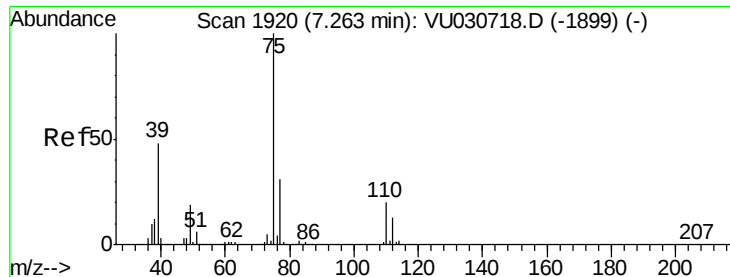
85 68.2 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.946 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030743.D

Acq: 05 Apr 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

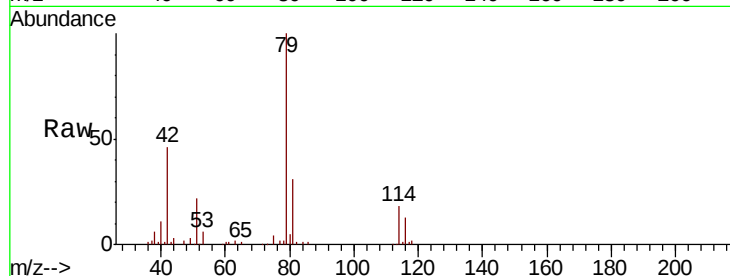
C0BR7

Tot Ion: 75 Resp: 3350

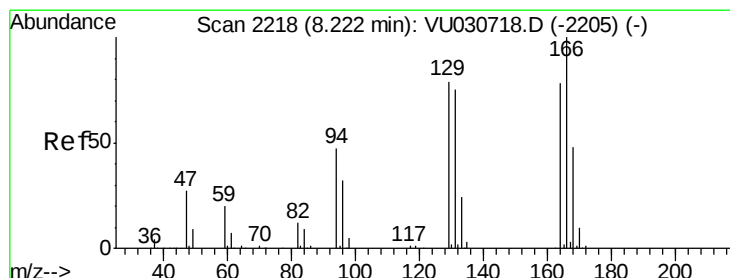
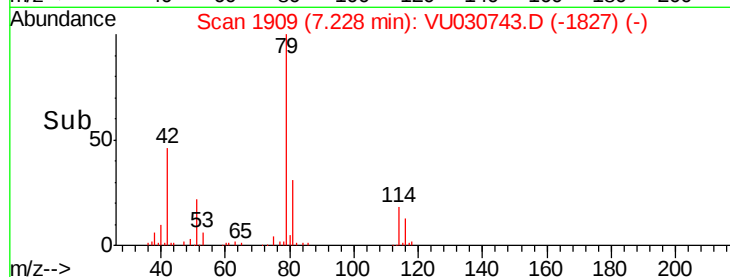
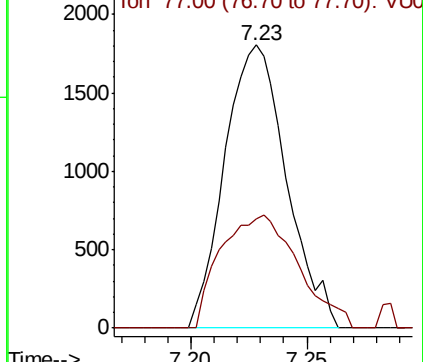
Ion Ratio Lower Upper

75 100

77 38.5 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU030718.D (-1899) (-)



#46

Tetrachloroethene

Concen: 0.481 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030743.D

Acq: 05 Apr 2019 15:06

Tgt Ion: 164 Resp: 754

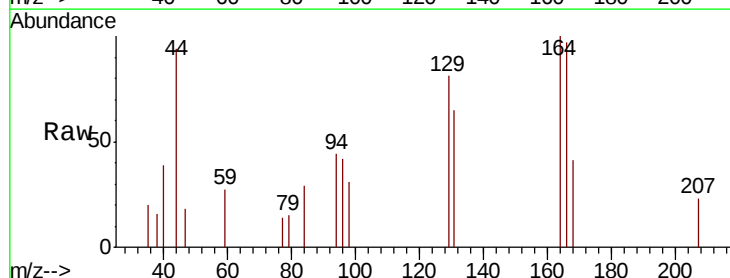
Ion Ratio Lower Upper

164 100

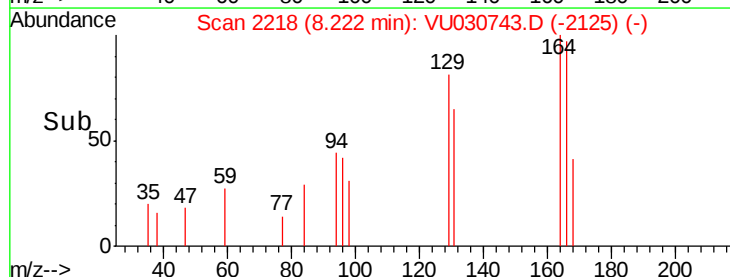
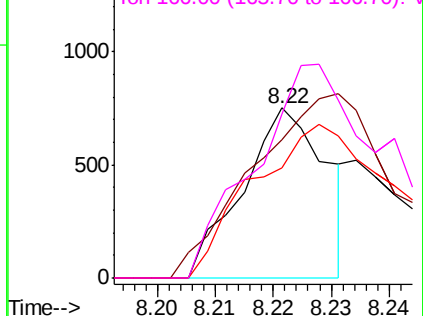
129 81.5 67.4 125.2

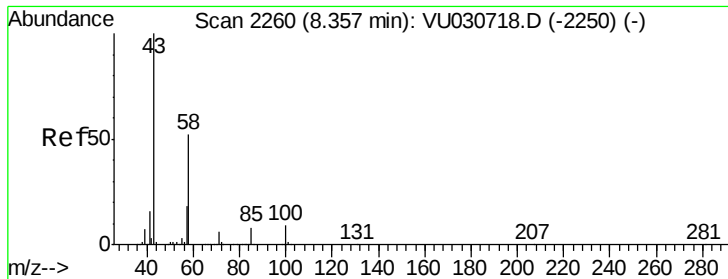
131 64.7 65.9 122.5#

166 96.8 88.6 164.6



Abundance Ion 164.00 (163.70 to 164.70): VU030718.D (-2205) (-)

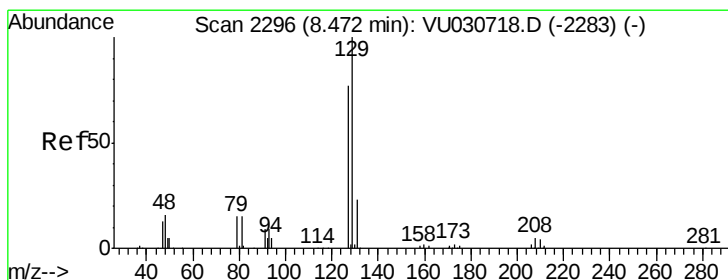
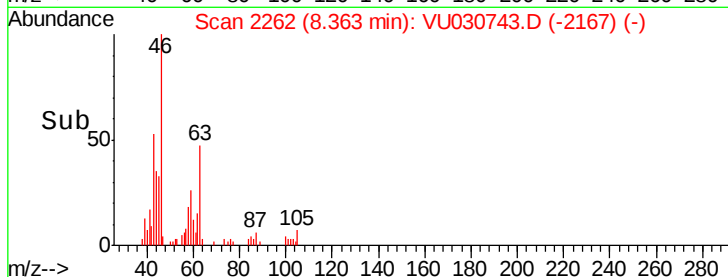
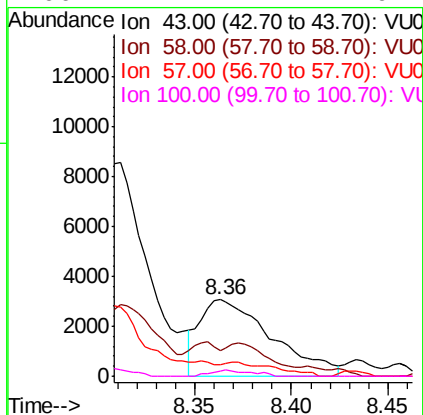
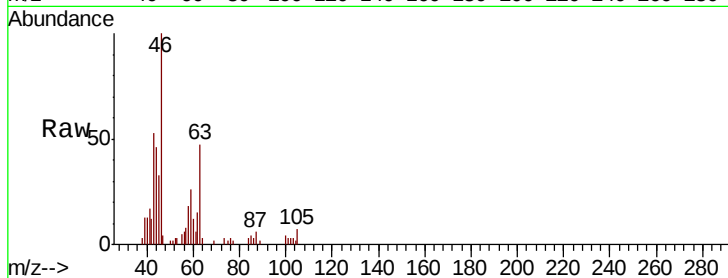




#48
2-Hexanone
Concen: 2.548 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU030743.D
Acq: 05 Apr 2019 15:06

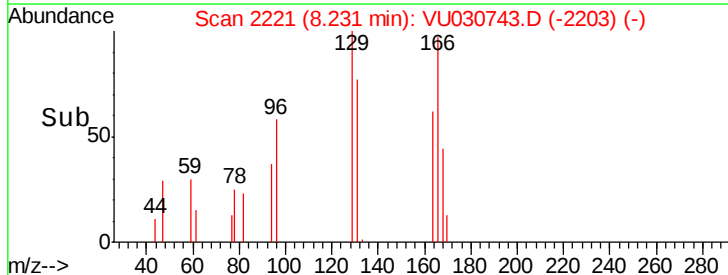
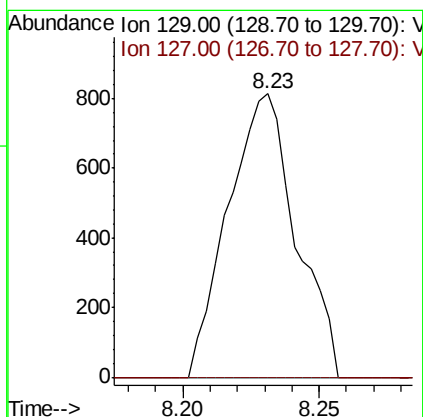
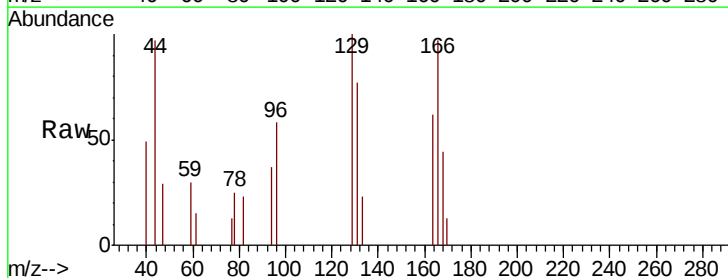
Instrument :
MSVOA_U
ClientSampleId :
C0BR7

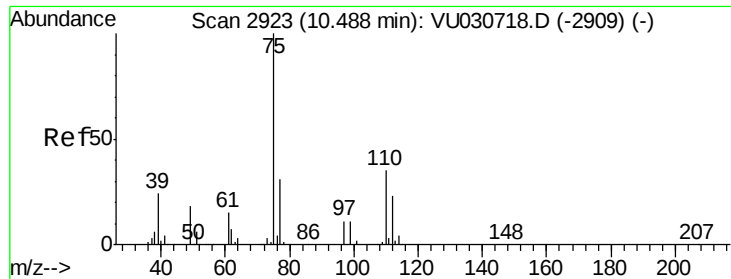
Tot Ion: 43 Resp: 7951
Ion Ratio Lower Upper
43 100
58 16.7 41.9 62.9#
57 1.8 14.3 21.5#
100 1.2 7.1 10.7#



#49
Dibromochloromethane
Concen: 0.627 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. -0.24 min
Lab File: VU030743.D
Acq: 05 Apr 2019 15:06

Tgt Ion: 129 Resp: 1403
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#





#59

1,2,3-Trichloropropane

Concen: 4.689 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030743.D

Acq: 05 Apr 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

C0BR7

Tot Ion: 75 Resp: 13970

Ion Ratio Lower Upper

75 100

77 36.8 26.1 39.1

