

Data File : VU030759.D
Acq On : 05 Apr 2019 22:23
Operator : JC/SP
Sample : K2215-06ME 40X
Misc : 5.33g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M7ME

Quant Time: Apr 06 02:22:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468841	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455406	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174466	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.38%
7) Chloroethane-d5	1.67	69	142575	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.27	63	253213	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.90%
21) 2-Butanone-d5	4.17	46	353904	106.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.69%
24) Chloroform-d	4.64	84	283388	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
26) 1,2-Dichloroethane-d4	5.31	65	206543	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.34	84	597182	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
36) 1,2-Dichloropropane-d6	6.32	67	214102	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.98%
41) Toluene-d8	7.56	98	491023	41.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.34%
43) trans-1,3-Dichloropropene-	7.85	79	91549	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.14%
47) 2-Hexanone-d5	8.31	63	205064	98.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295971	48.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	180393	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%

Target Compounds

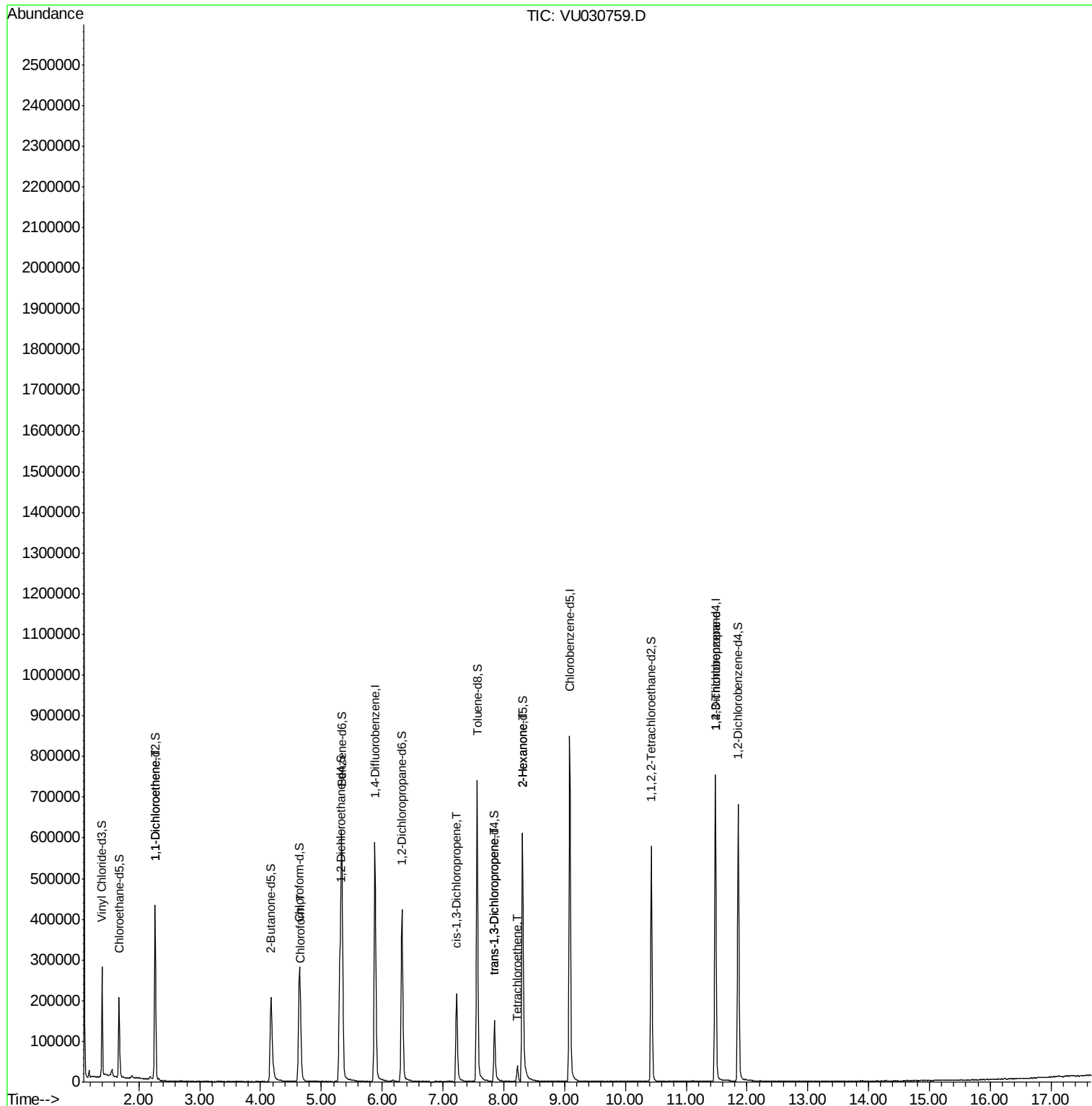
					Qvalue
12) 1,1-Dichloroethene	2.26	96	2013	0.621 ug/L #	1
25) Chloroform	4.67	83	21691	3.039 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4853	0.808 ug/L #	40
44) trans-1,3-Dichloropropene	7.85	75	3609	0.682 ug/L	89
46) Tetrachloroethene	8.22	164	8301	3.124 ug/L	87
48) 2-Hexanone	8.31	43	27018	5.103 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	23565	4.663 ug/L #	88

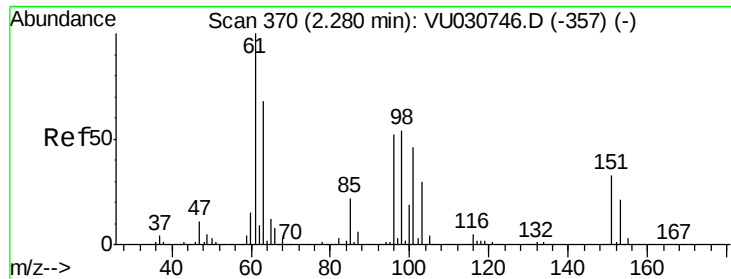
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.621 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BF2M7ME

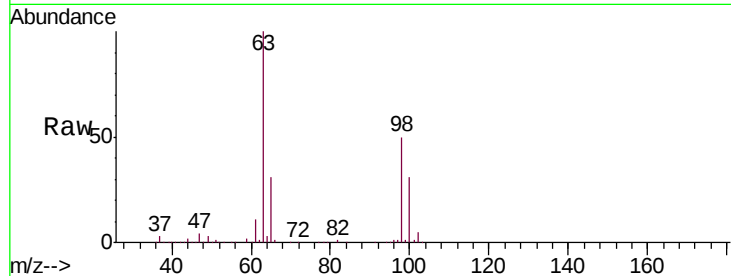
Tgt Ion: 96 Resp: 2013

Ion Ratio Lower Upper

96 100

61 1287.0 132.0 245.2#

63 11223.1 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU030746.D (-357) (-)

Ion 61.00 (60.70 to 61.70): VU030746.D (-357) (-)

Ion 63.00 (62.70 to 63.70): VU030746.D (-357) (-)

200000

150000

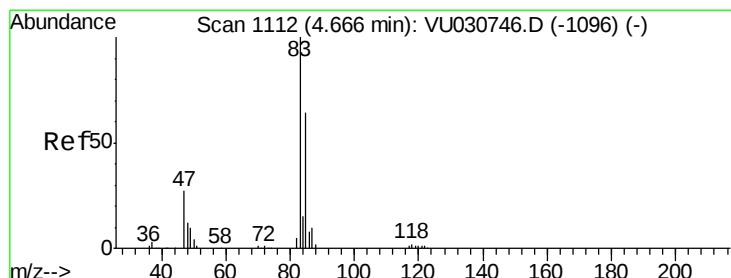
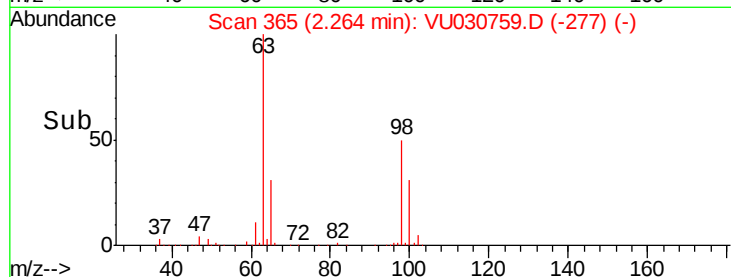
100000

50000

0

2.22 2.24 2.26 2.28 2.30

Time-->



#25

Chloroform

Concen: 3.039 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

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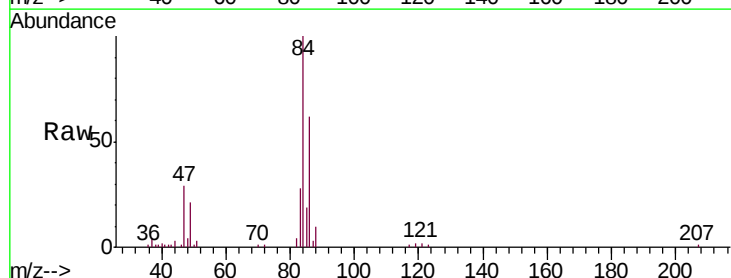
Acq: 05 Apr 2019 22:23

Tgt Ion: 83 Resp: 21691

Ion Ratio Lower Upper

83 100

85 67.9 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030746.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU030746.D (-1096) (-)

10000

8000

6000

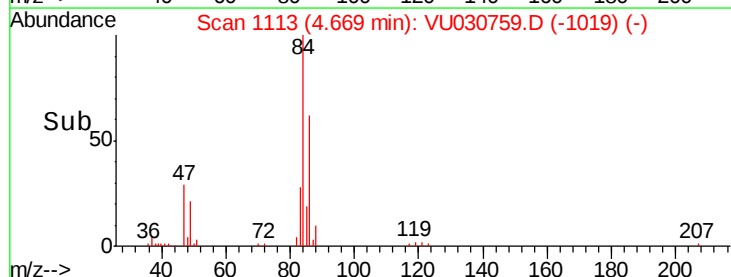
4000

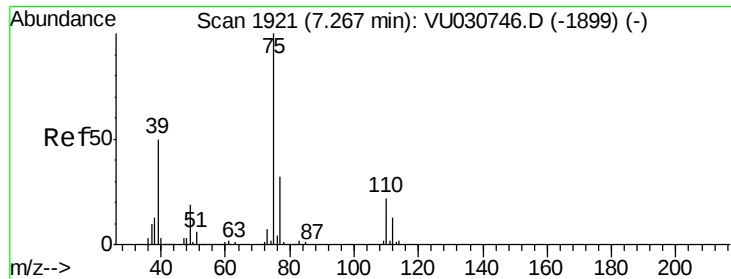
2000

0

4.60 4.65 4.70 4.75

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.808 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030759.D

Acq: 05 Apr 2019 22:23

Instrument :

MSVOA_U

ClientSampleId :

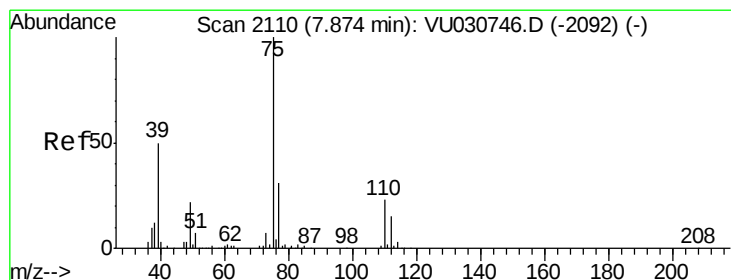
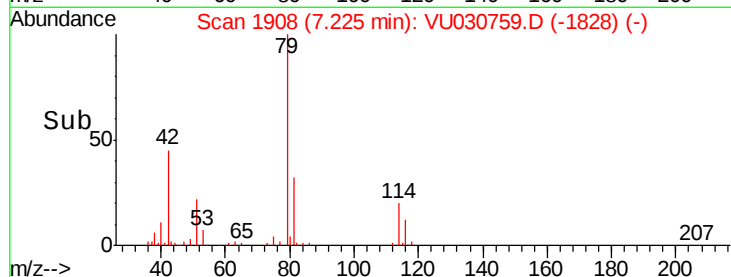
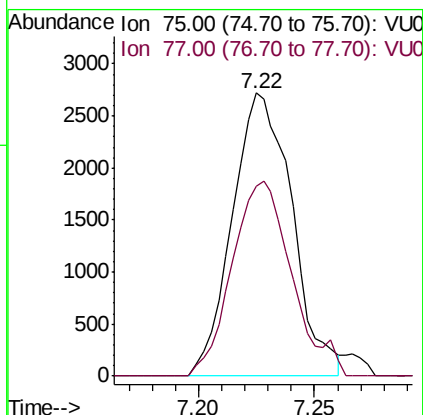
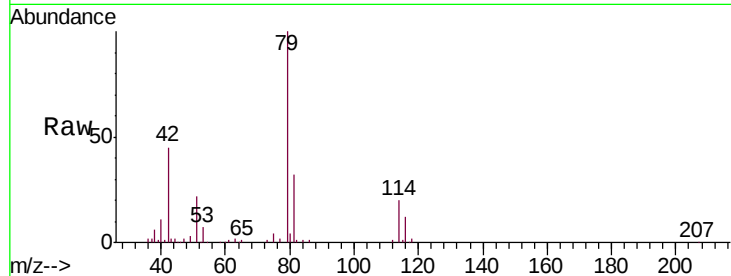
BF2M7ME

Tgt Ion: 75 Resp: 4853

Ion Ratio Lower Upper

75 100

77 67.2 23.1 42.9#



#44

trans-1,3-Dichloropropene

Concen: 0.682 ug/L

RT: 7.85 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU030759.D

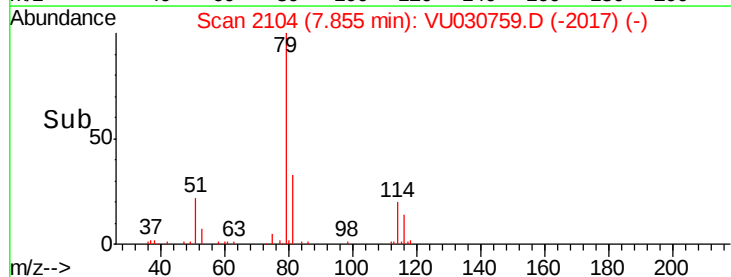
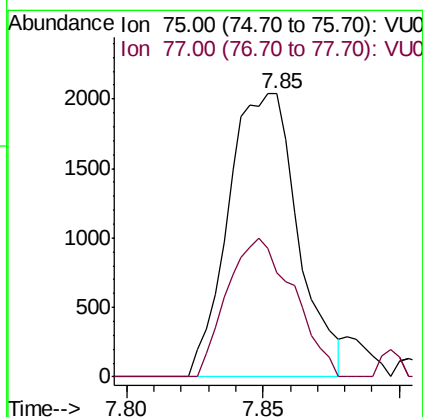
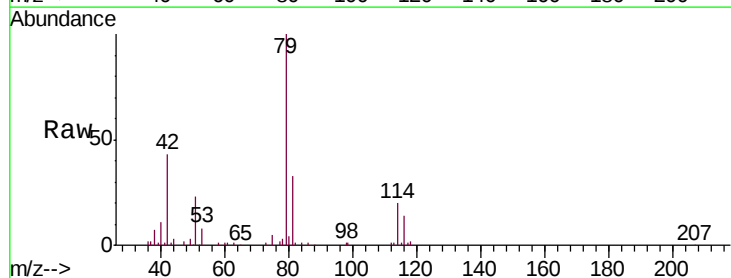
Acq: 05 Apr 2019 22:23

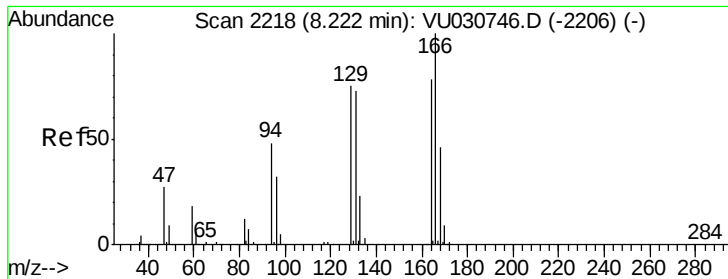
Tgt Ion: 75 Resp: 3609

Ion Ratio Lower Upper

75 100

77 37.0 21.6 40.0

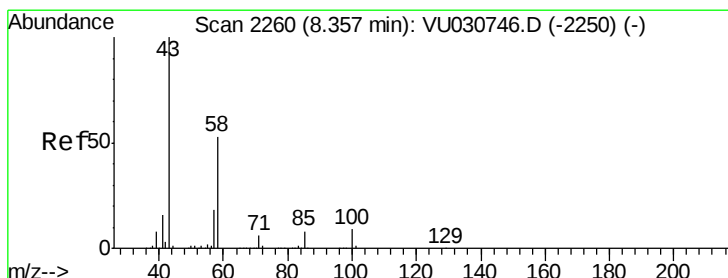
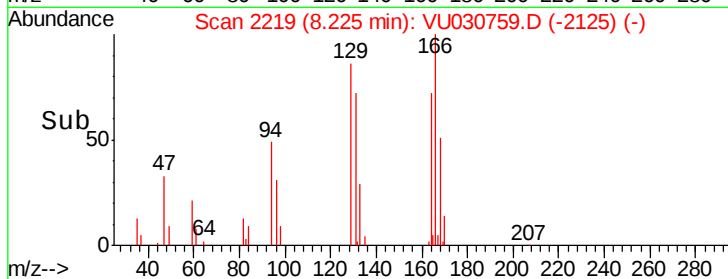
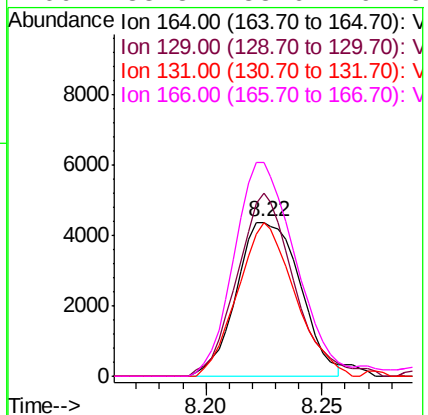
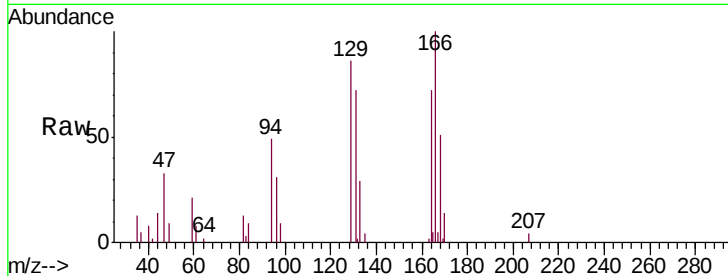




#46
Tetrachloroethene
Concen: 3.124 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030759.D
Acq: 05 Apr 2019 22:23

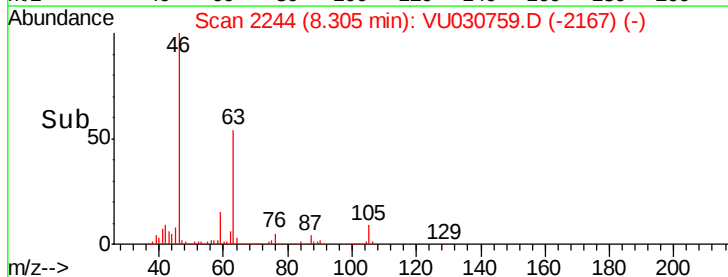
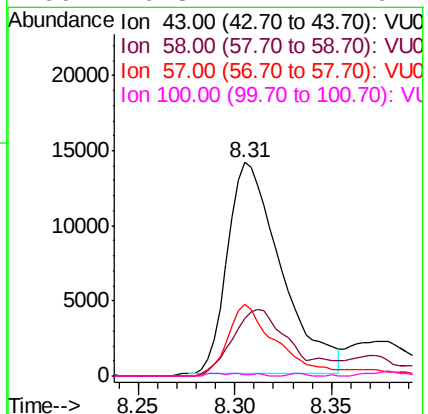
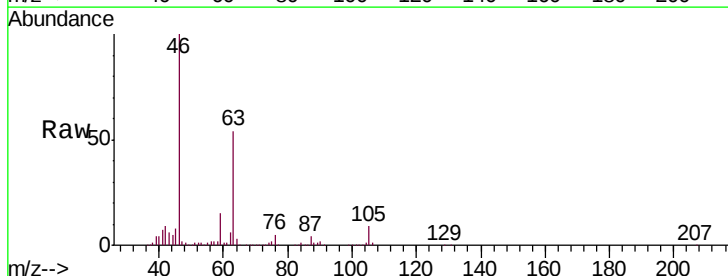
Instrument :
MSVOA_U
ClientSampleId :
BF2M7ME

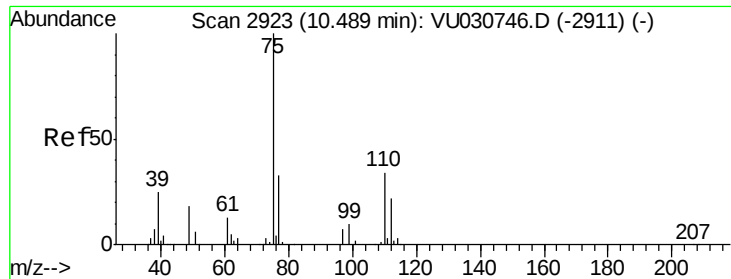
Tgt Ion:	164	Resp:	8301
Ion	Ratio	Lower	Upper
164	100		
129	118.8	67.4	125.2
131	99.6	65.9	122.5
166	138.8	88.6	164.6



#48
2-Hexanone
Concen: 5.103 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU030759.D
Acq: 05 Apr 2019 22:23

Tgt Ion:	43	Resp:	27018
Ion	Ratio	Lower	Upper
43	100		
58	30.9	41.9	62.9#
57	30.6	14.3	21.5#
100	0.3	7.1	10.7#





#59

1,2,3-Trichloropropane

Concen: 4.663 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030759.D

Acq: 05 Apr 2019 22:23

Instrument :

MSVOA_U

ClientSampleId :

BF2M7ME

Tgt Ion: 75 Resp: 23565

Ion Ratio Lower Upper

75 100

77 39.5 26.1 39.1#

