

Data File : VU030758.D
Acq On : 05 Apr 2019 22:00
Operator : JC/SP
Sample : K2215-07ME 10X
Misc : 5.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M8ME

Quant Time: Apr 06 02:22:18 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	396616	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	381858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	162755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147169	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.14%
7) Chloroethane-d5	1.67	69	119941	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.28%
11) 1,1-Dichloroethene-d2	2.26	63	199305	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.24%
21) 2-Butanone-d5	4.17	46	295062	105.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.15%
24) Chloroform-d	4.64	84	238168	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.31	65	175773	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.33	84	498488	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
36) 1,2-Dichloropropane-d6	6.32	67	179510	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.98%
41) Toluene-d8	7.56	98	406422	41.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.26%
43) trans-1,3-Dichloropropene-	7.85	79	75427	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
47) 2-Hexanone-d5	8.31	63	171577	98.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	244525	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	146626	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%

Target Compounds

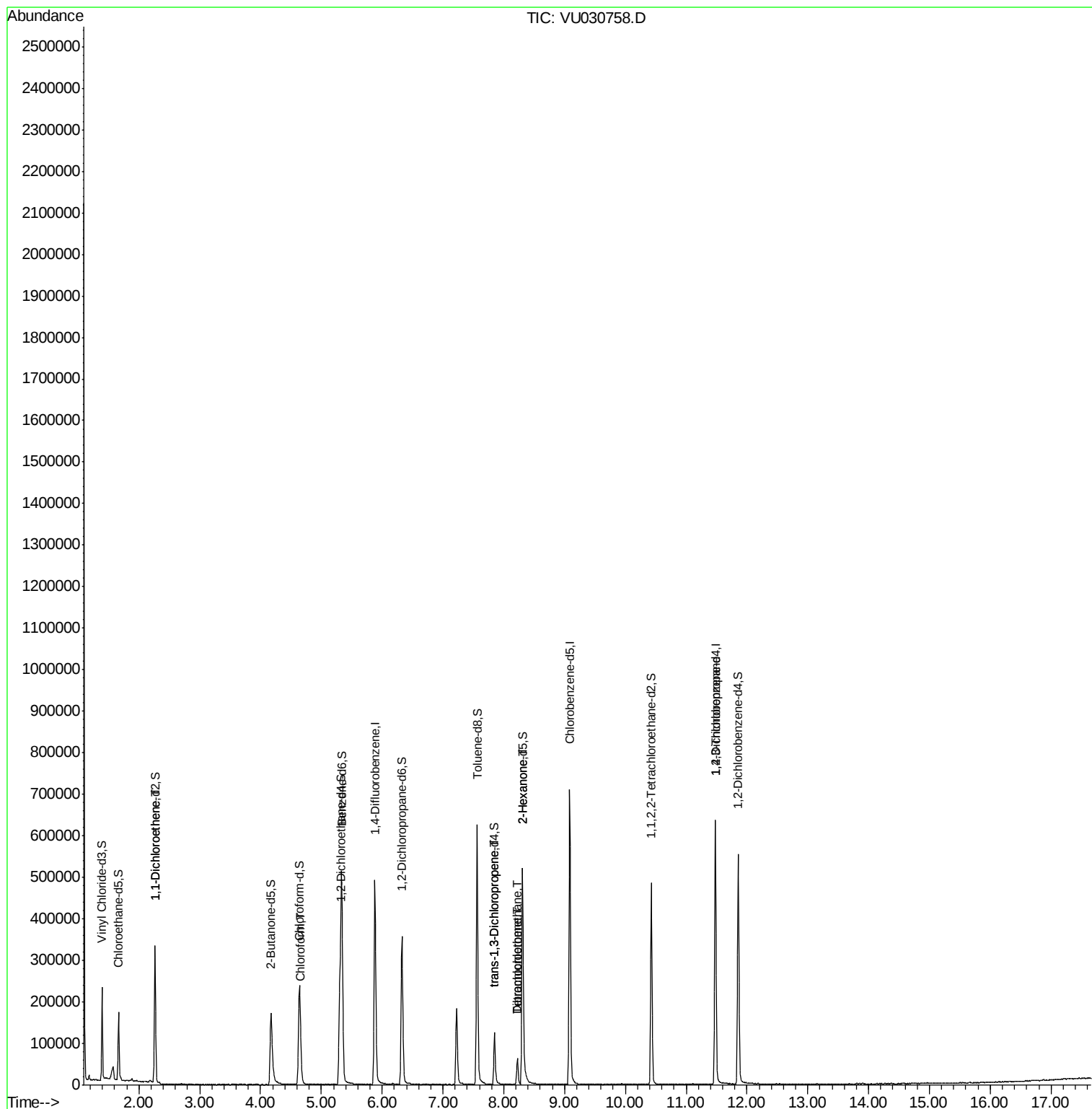
					Qvalue
12) 1,1-Dichloroethene	2.27	96	1955	0.713 ug/L #	1
25) Chloroform	4.67	83	16194	2.682 ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	3179	0.716 ug/L	90
46) Tetrachloroethene	8.22	164	14328	6.430 ug/L	99
48) 2-Hexanone	8.31	43	23940	5.393 ug/L #	71
49) Dibromochloromethane	8.22	129	14086	4.424 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	20700	4.885 ug/L	92

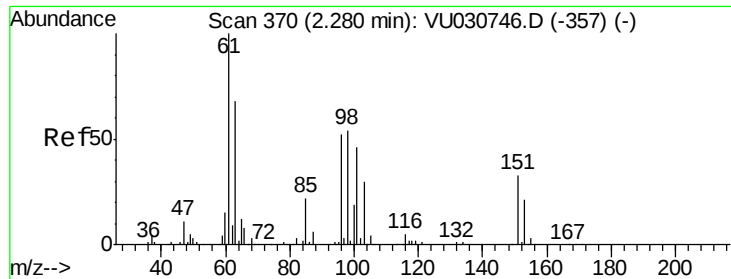
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.713 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030758.D

Acq: 05 Apr 2019 22:00

Instrument :

MSVOA_U

ClientSampleId :

BF2M8ME

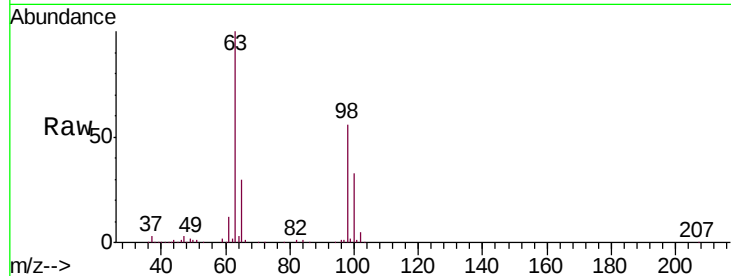
Tgt Ion: 96 Resp: 1955

Ion Ratio Lower Upper

96 100

61 1390.6 132.0 245.2#

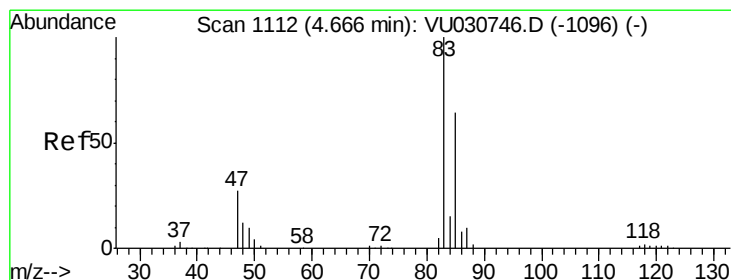
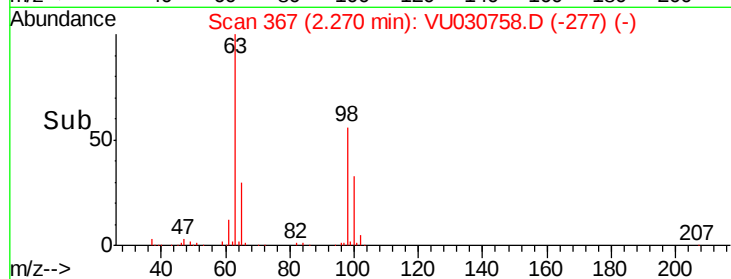
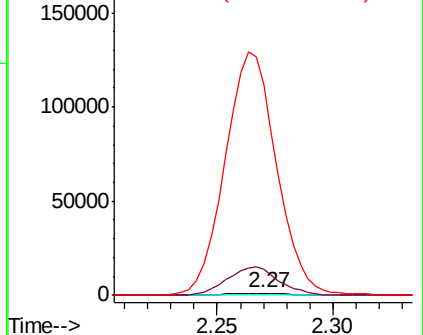
63 11297.9 90.9 168.9#



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) (-)



#25

Chloroform

Concen: 2.682 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030758.D

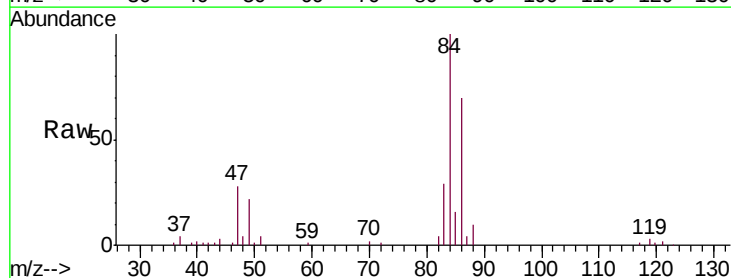
Acq: 05 Apr 2019 22:00

Tgt Ion: 83 Resp: 16194

Ion Ratio Lower Upper

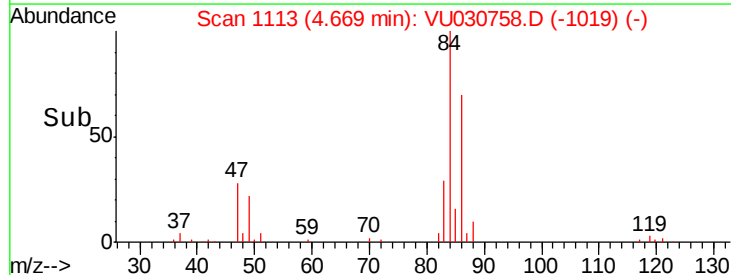
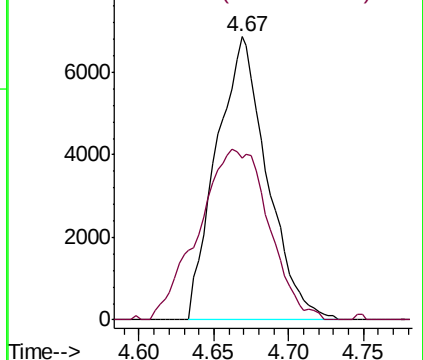
83 100

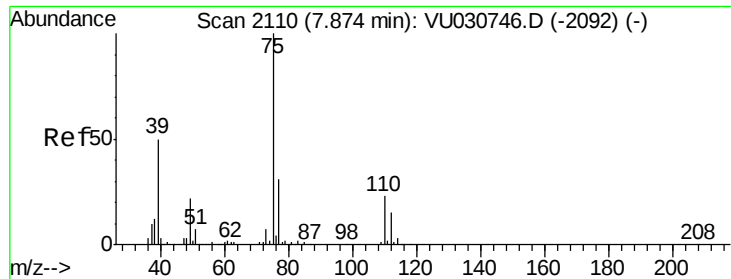
85 57.2 45.8 85.0



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

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





#44

trans-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030758.D

Acq: 05 Apr 2019 22:00

Instrument :

MSVOA_U

ClientSampleId :

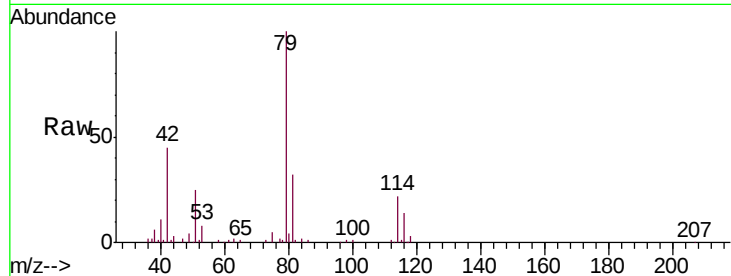
BF2M8ME

Tgt Ion: 75 Resp: 3179

Ion Ratio Lower Upper

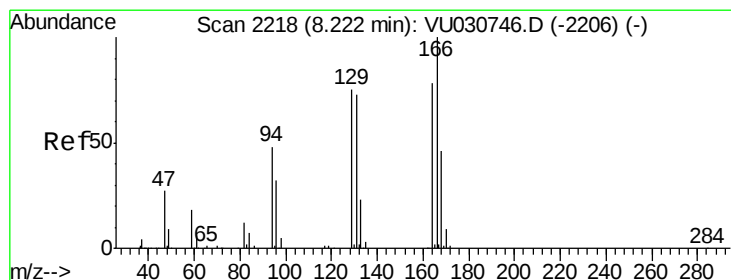
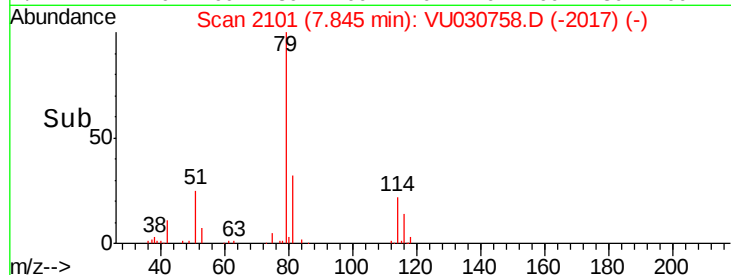
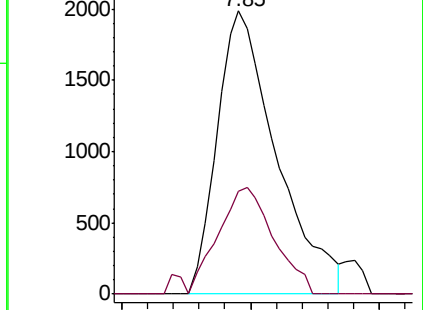
75 100

77 36.4 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU030746.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030746.D (-2092) (-)



#46

Tetrachloroethene

Concen: 6.430 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030758.D

Acq: 05 Apr 2019 22:00

Tgt Ion: 164 Resp: 14328

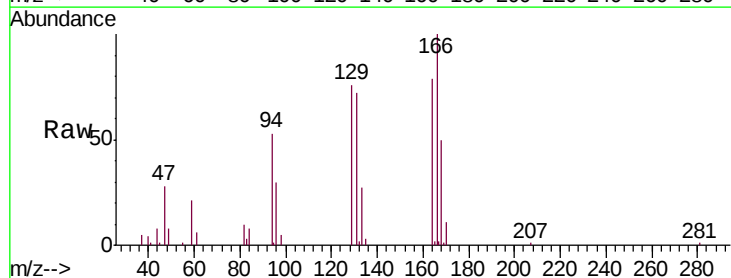
Ion Ratio Lower Upper

164 100

129 96.5 67.4 125.2

131 90.9 65.9 122.5

166 127.0 88.6 164.6

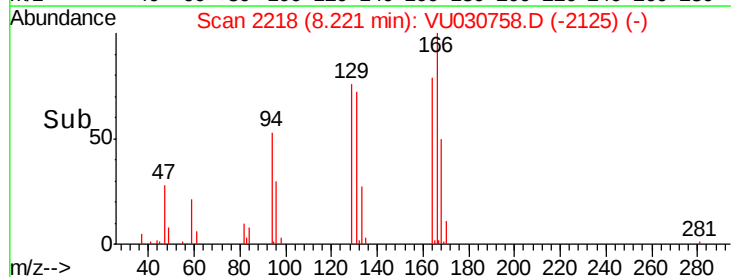
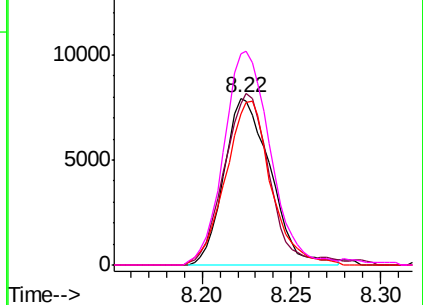


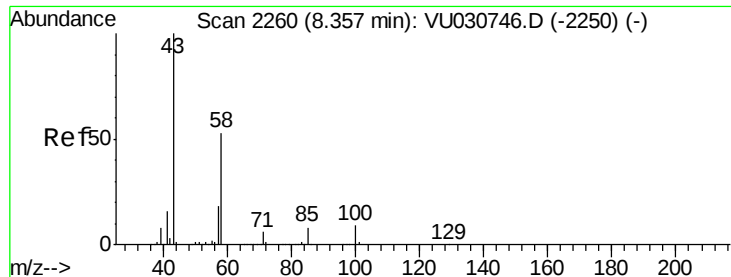
Abundance Ion 164.00 (163.70 to 164.70): VU030746.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030746.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU030746.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU030746.D (-2206) (-)

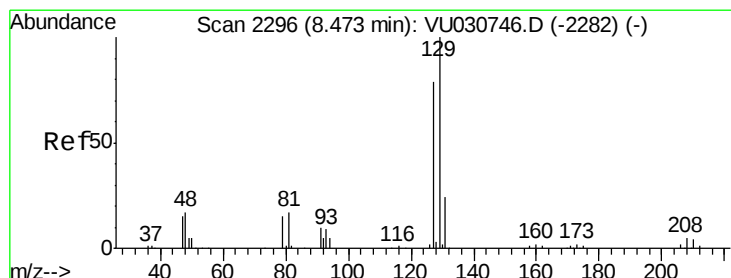
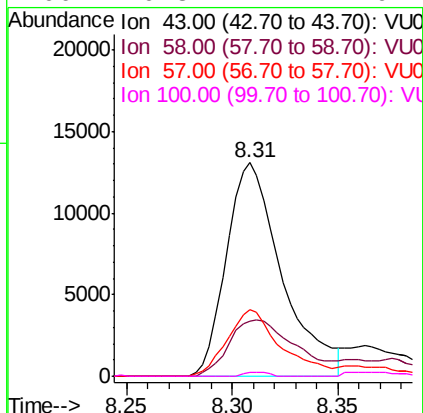
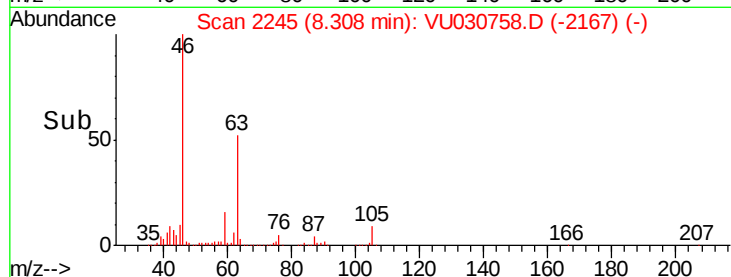
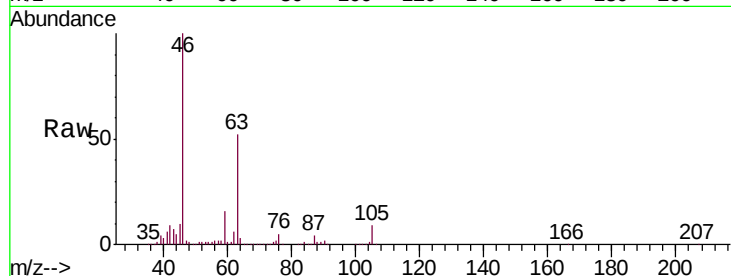




#48
2-Hexanone
Concen: 5.393 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030758.D
Acq: 05 Apr 2019 22:00

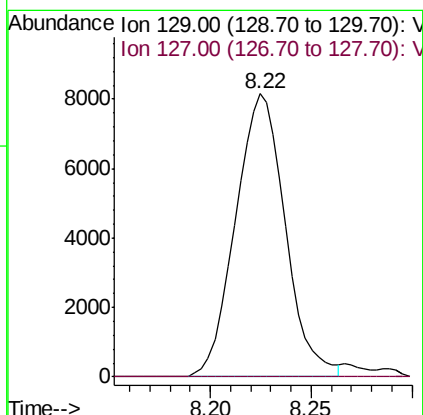
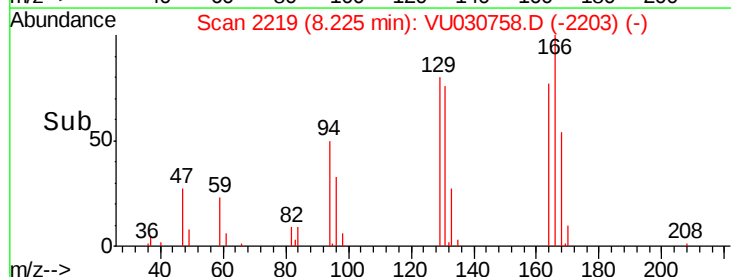
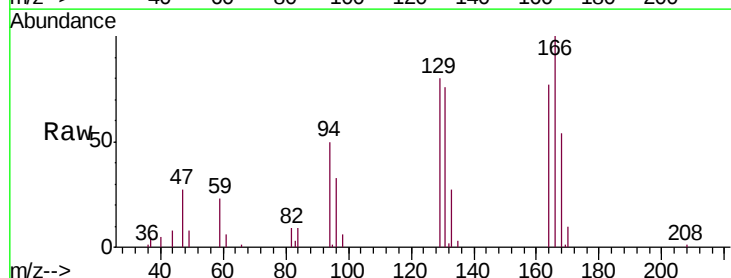
Instrument :
MSVOA_U
ClientSampleId :
BF2M8ME

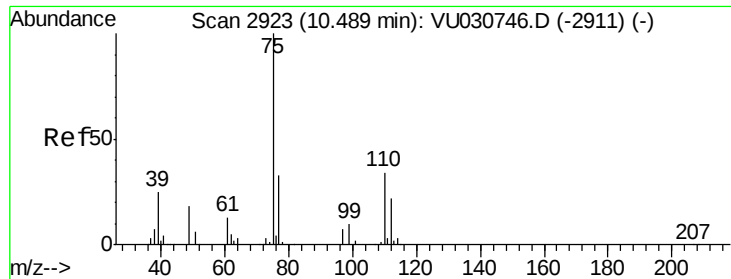
Tgt Ion: 43 Resp: 23940
Ion Ratio Lower Upper
43 100
58 30.5 41.9 62.9#
57 30.0 14.3 21.5#
100 0.8 7.1 10.7#



#49
Dibromochloromethane
Concen: 4.424 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU030758.D
Acq: 05 Apr 2019 22:00

Tgt Ion: 129 Resp: 14086
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#





#59

1,2,3-Trichloropropane

Concen: 4.885 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030758.D

Acq: 05 Apr 2019 22:00

Instrument :

MSVOA_U

ClientSampleId :

BF2M8ME

Tgt Ion: 75 Resp: 20700

Ion Ratio Lower Upper

75 100

77 37.0 26.1 39.1

