

Data File : VU030747.D
Acq On : 05 Apr 2019 17:49
Operator : JC/SP
Sample : VU0406MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK44

Quant Time: Apr 06 02:19:59 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	355709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149777	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139917	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.12%
7) Chloroethane-d5	1.68	69	116624	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.78%
11) 1,1-Dichloroethene-d2	2.27	63	210615	36.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.34%
21) 2-Butanone-d5	4.17	46	258993	102.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.91%
24) Chloroform-d	4.64	84	230939	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.30	65	163141	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
32) Benzene-d6	5.34	84	484239	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.32	67	167822	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.84%
41) Toluene-d8	7.56	98	414600	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.85	79	72420	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
47) 2-Hexanone-d5	8.31	63	143837	87.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	227414	46.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	138756	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%

Target Compounds

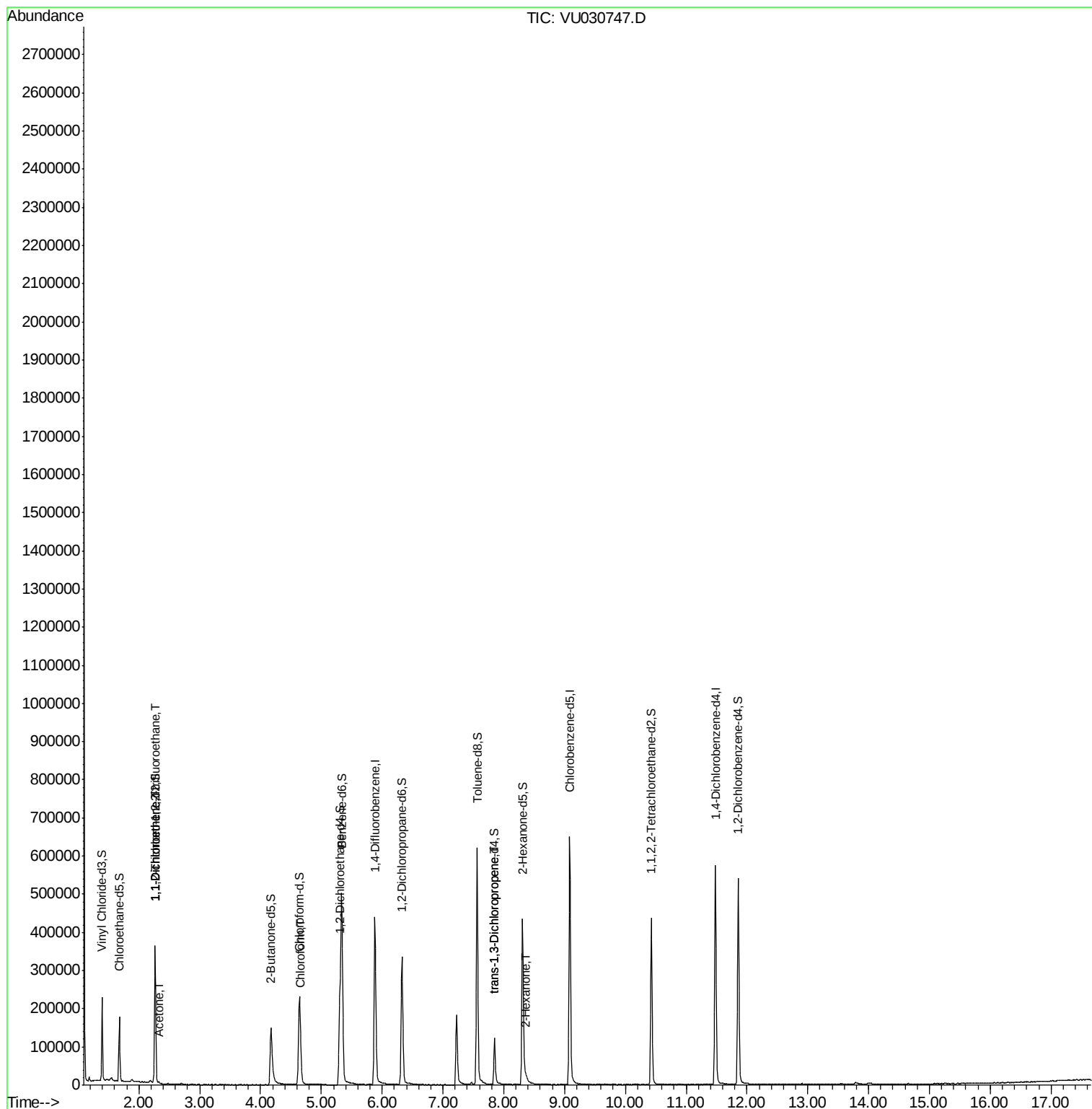
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1828	0.718 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1751	0.712 ug/L #	1
13) Acetone	2.32	43	1598	0.621 ug/L	84
25) Chloroform	4.67	83	12756	2.356 ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	3066	0.730 ug/L	84
48) 2-Hexanone	8.37	43	6987	1.663 ug/L #	57

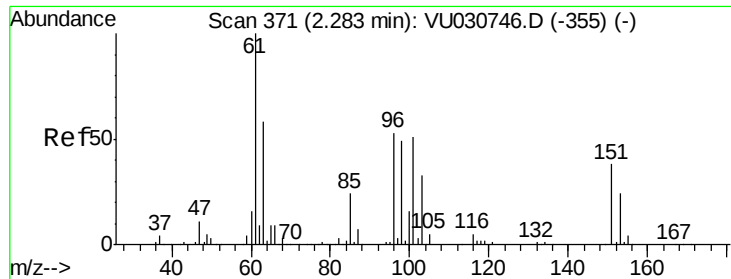
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.718 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK44

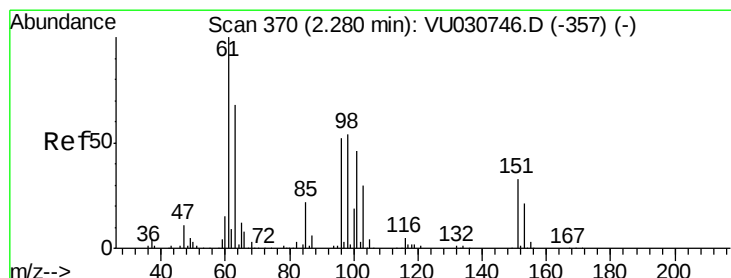
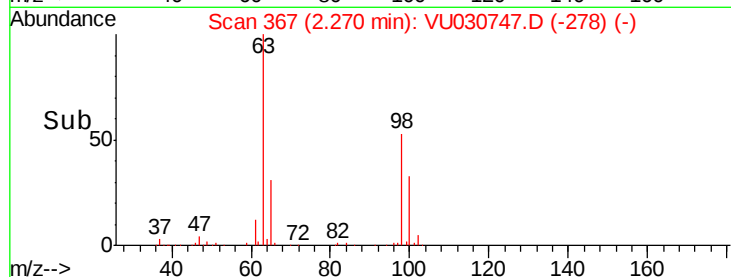
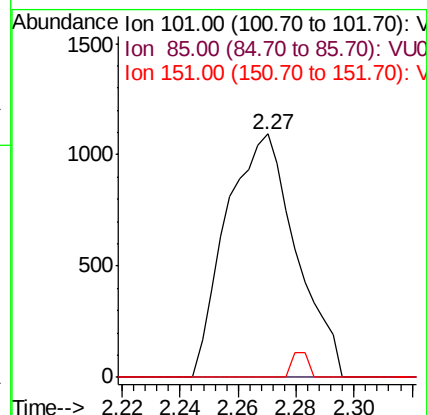
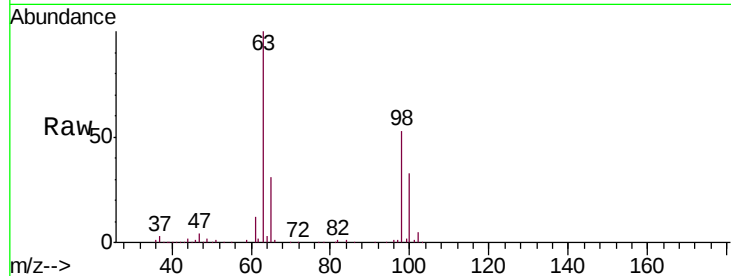
Tgt Ion: 101 Resp: 1828

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 2.4 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.712 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030747.D

Acq: 05 Apr 2019 17:49

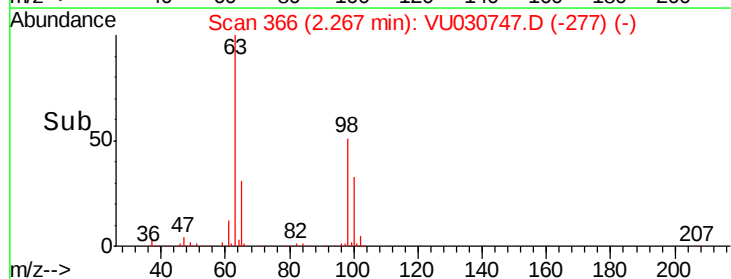
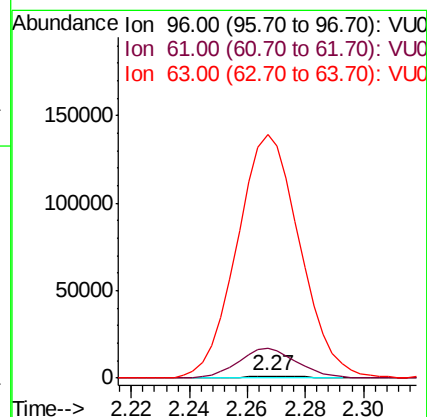
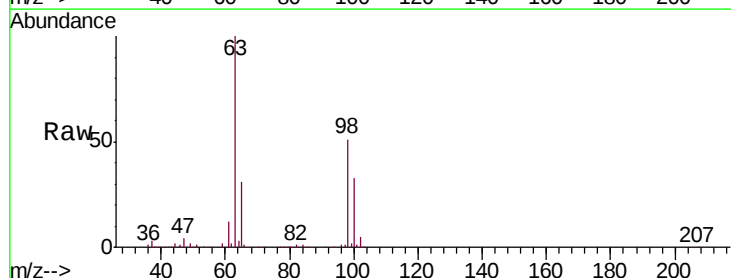
Tgt Ion: 96 Resp: 1751

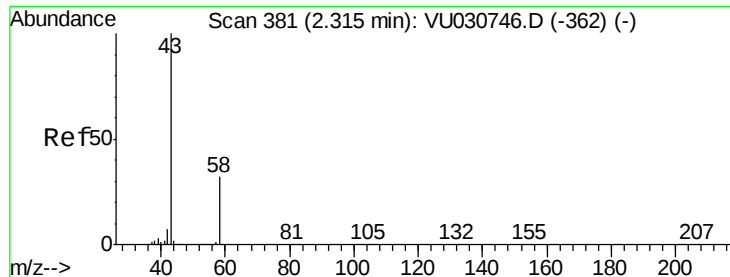
Ion Ratio Lower Upper

96 100

61 1368.6 132.0 245.2#

63 11148.7 90.9 168.9#





#13

Acetone

Concen: 0.621 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

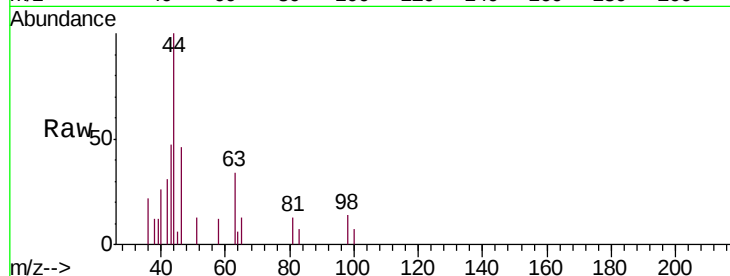
VBLK44

Tgt Ion: 43 Resp: 1598

Ion Ratio Lower Upper

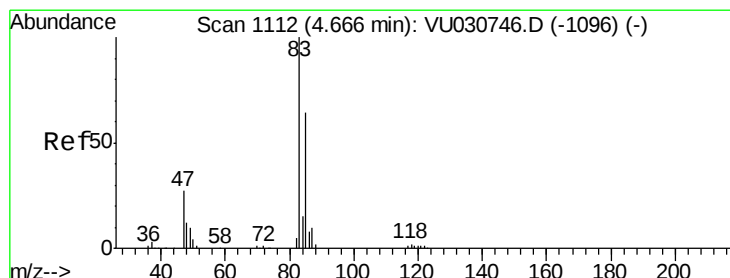
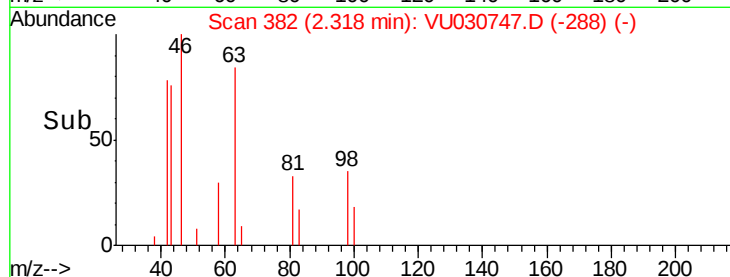
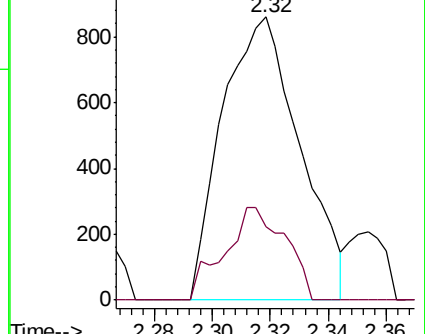
43 100

58 22.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030746.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030746.D (-362) (-)



#25

Chloroform

Concen: 2.356 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030747.D

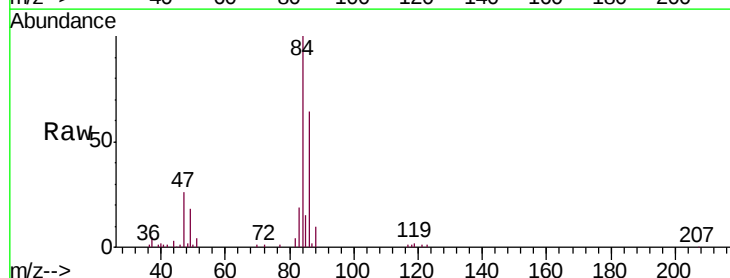
Acq: 05 Apr 2019 17:49

Tgt Ion: 83 Resp: 12756

Ion Ratio Lower Upper

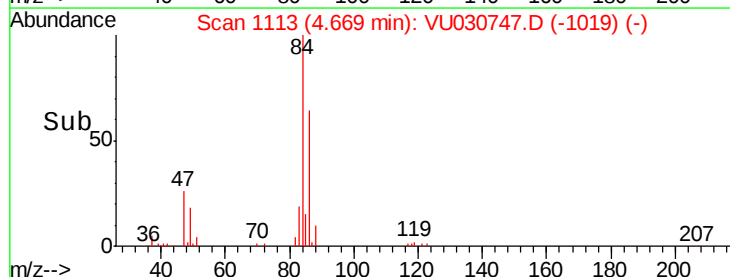
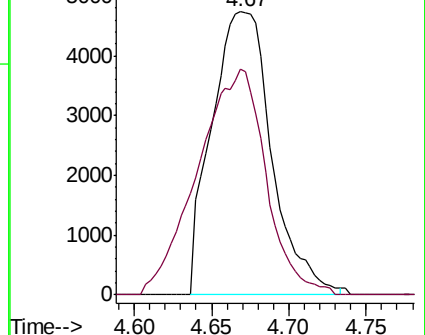
83 100

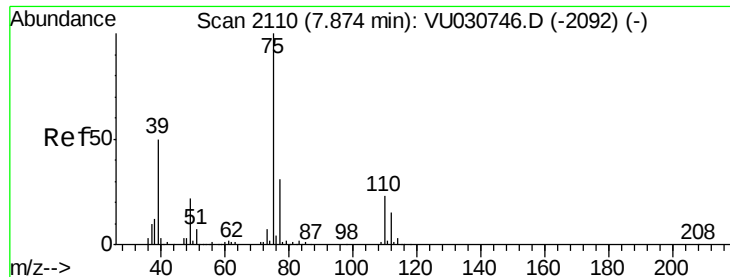
85 79.8 45.8 85.0



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

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

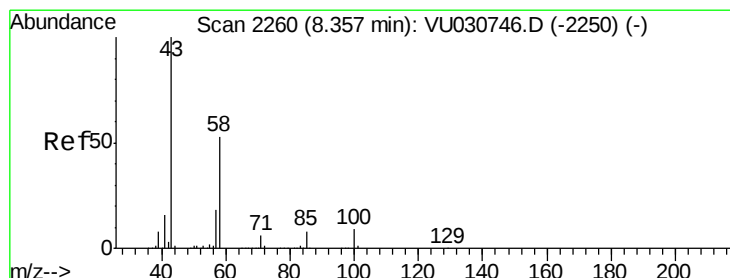
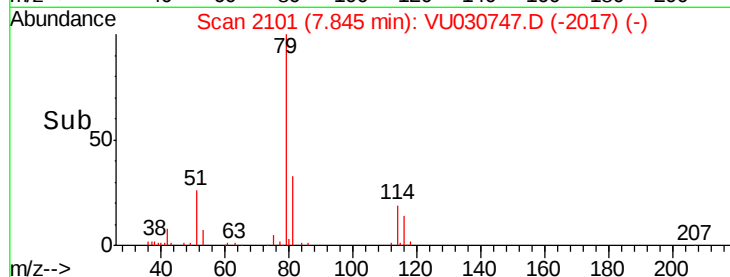
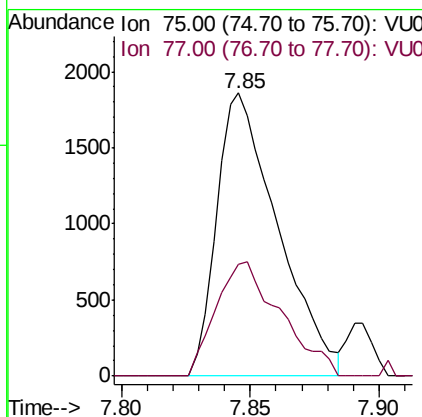
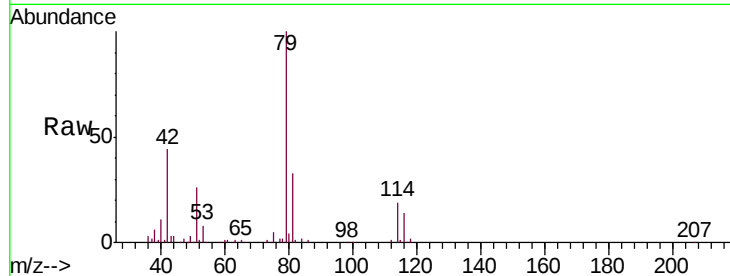




#44
 trans-1,3-Dichloropropene
 Concen: 0.730 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU030747.D
 Acq: 05 Apr 2019 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK44

Tgt Ion: 75 Resp: 3066
 Ion Ratio Lower Upper
 75 100
 77 39.7 21.6 40.0



#48
 2-Hexanone
 Concen: 1.663 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030747.D
 Acq: 05 Apr 2019 17:49

Tgt Ion: 43 Resp: 6987
 Ion Ratio Lower Upper
 43 100
 58 15.9 41.9 62.9#
 57 2.7 14.3 21.5#
 100 6.2 7.1 10.7#

