

Data File : VU029805.D
Acq On : 04 Mar 2019 23:51
Operator : JC/SP
Sample : K1721-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 05 01:33:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	496145	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	485004	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	160986	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.56%
7) Chloroethane-d5	1.68	69	132329	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.88%
11) 1,1-Dichloroethene-d2	2.27	63	225080	31.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.34%
21) 2-Butanone-d5	4.17	46	225422	101.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.89%
24) Chloroform-d	4.65	84	277773	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.31	65	174989	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
32) Benzene-d6	5.34	84	614427	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
36) 1,2-Dichloropropane-d6	6.33	67	187474	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.56	98	580088	46.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.16%
43) trans-1,3-Dichloropropene-	7.85	79	84254	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.52%
47) 2-Hexanone-d5	8.31	63	193524	94.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281662	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	233207	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%

Target Compounds

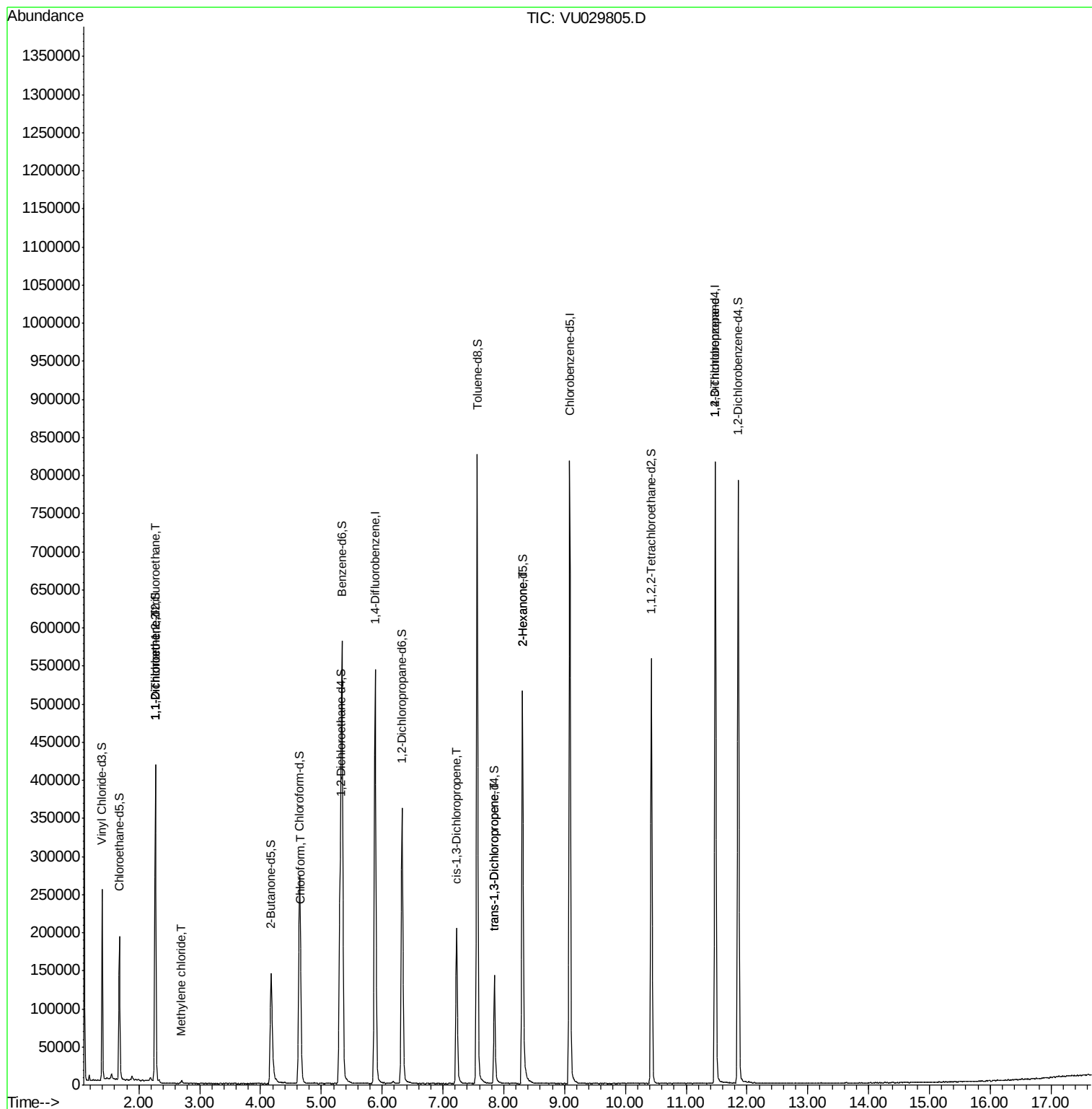
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2302	0.666	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1839	0.560	ug/L #	1
16) Methylene chloride	2.70	84	1898	0.597	ug/L	97
25) Chloroform	4.67	83	6670	1.140	ug/L	88
39) cis-1,3-Dichloropropene	7.22	75	4872	0.925	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	3187	0.642	ug/L	87
48) 2-Hexanone	8.31	43	18898	4.713	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	22921	4.925	ug/L	92

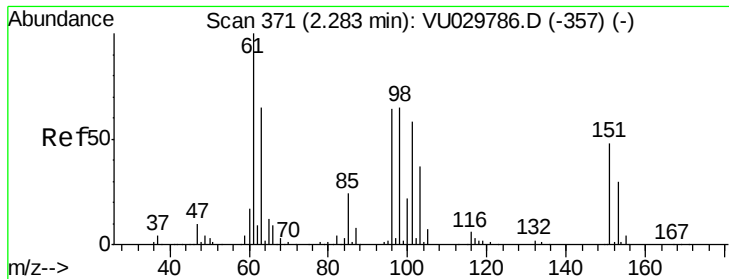
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.666 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029805.D

Acq: 04 Mar 2019 23:51

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

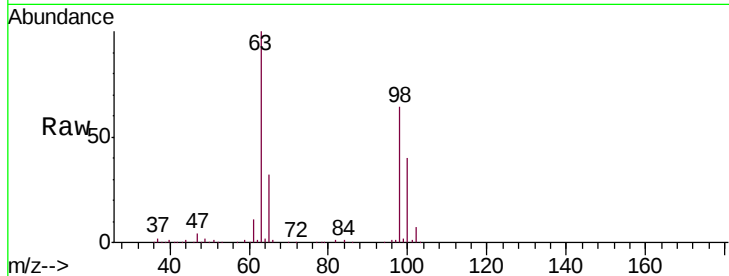
Tgt Ion: 101 Resp: 2302

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

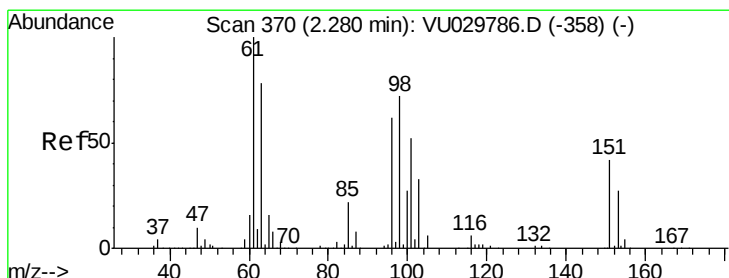
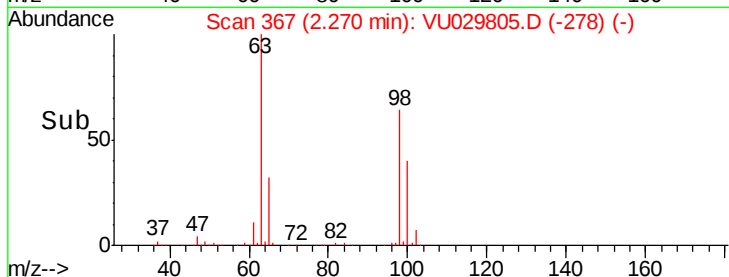
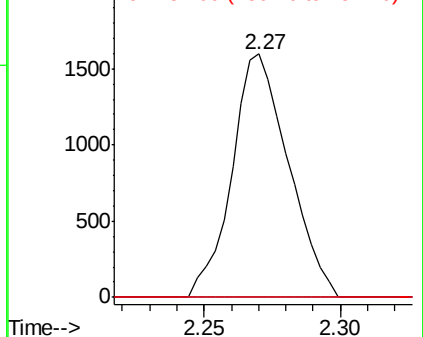
151 0.0 65.7 98.5#



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: 0.560 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029805.D

Acq: 04 Mar 2019 23:51

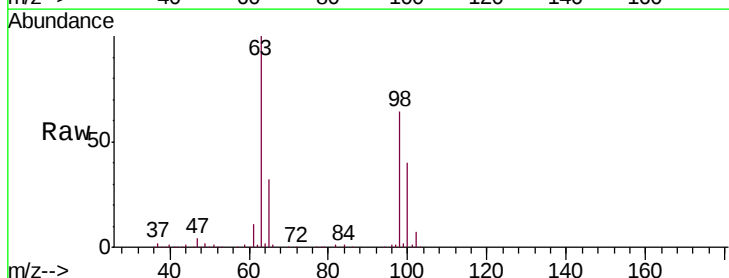
Tgt Ion: 96 Resp: 1839

Ion Ratio Lower Upper

96 100

61 1349.8 114.0 211.8#

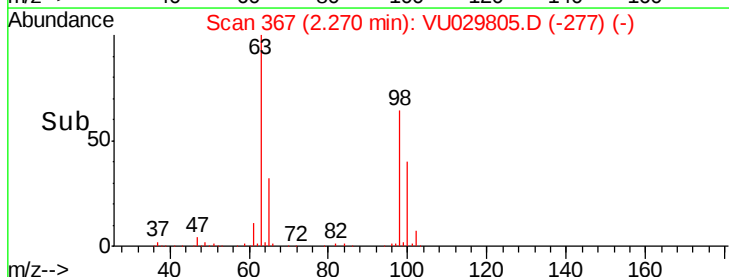
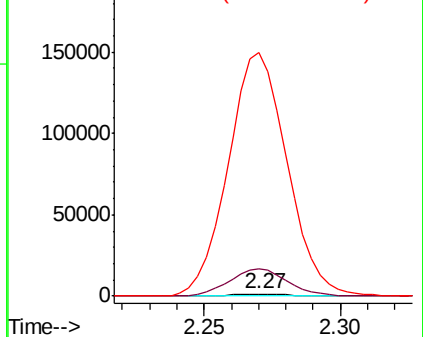
63 12131.0 98.7 183.3#

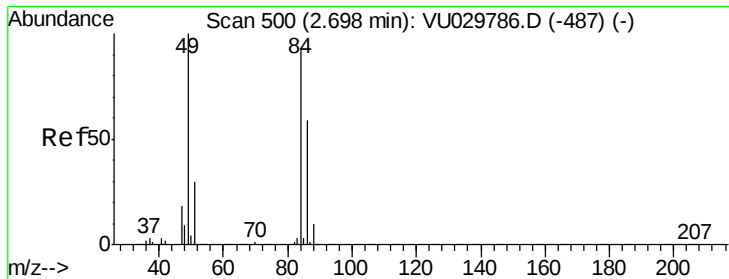


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

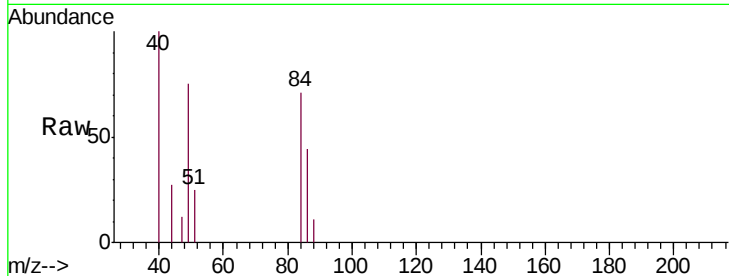




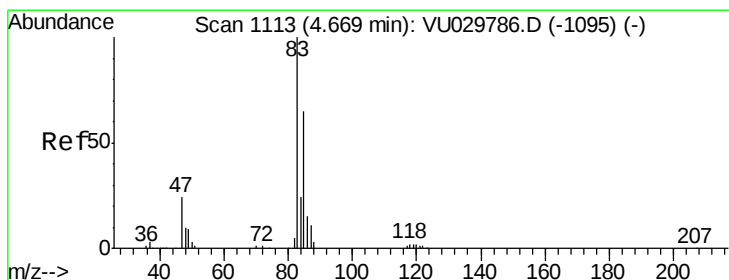
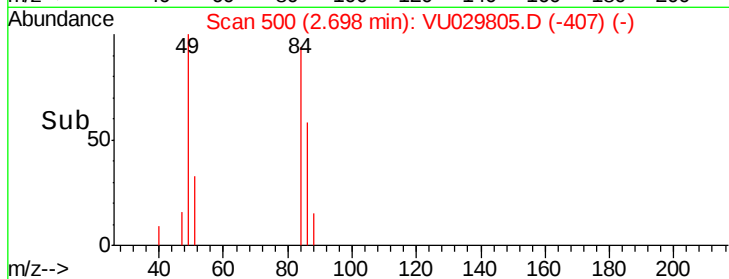
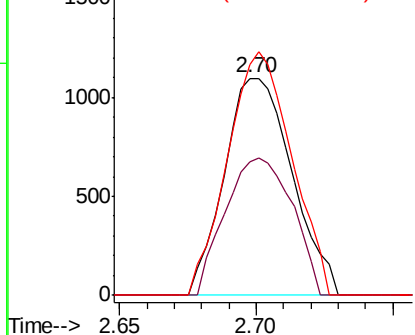
#16
Methylene chloride
Concen: 0.597 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029805.D
Acq: 04 Mar 2019 23:51

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 1898
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.0
49 105.9 75.1 139.5

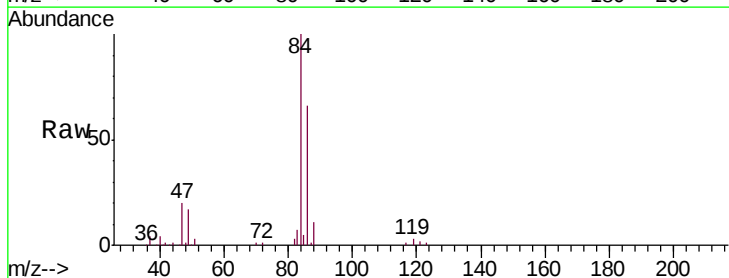


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

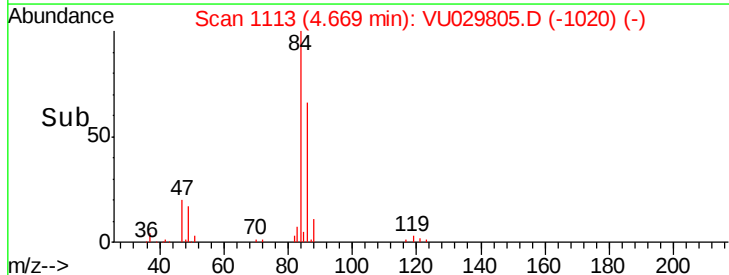
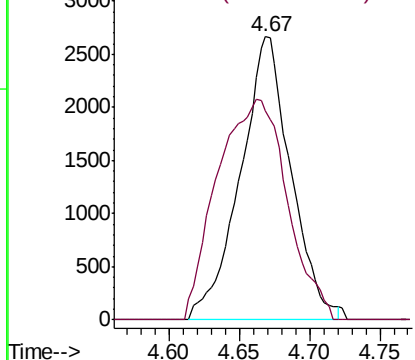


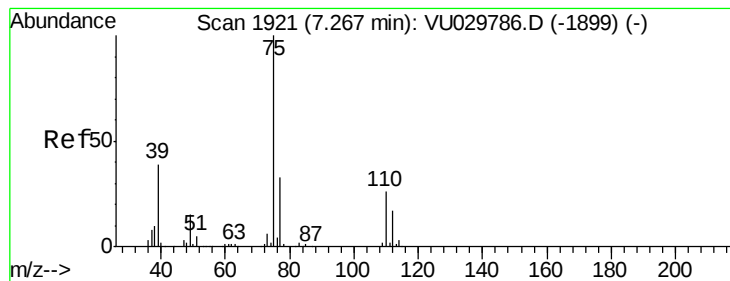
#25
Chloroform
Concen: 1.140 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029805.D
Acq: 04 Mar 2019 23:51

Tgt Ion: 83 Resp: 6670
Ion Ratio Lower Upper
83 100
85 74.0 45.4 84.2



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: 0.925 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029805.D

Acq: 04 Mar 2019 23:51

Instrument :

MSVOA_U

ClientSampleId :

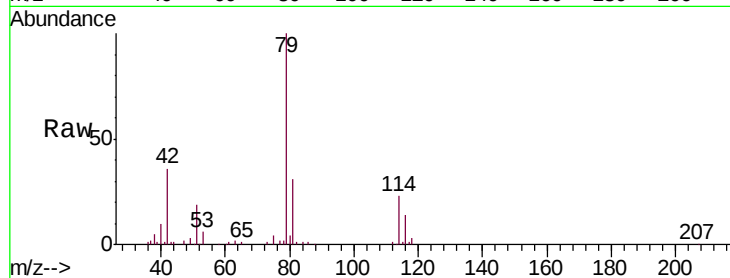
VHBLK01

Tgt Ion: 75 Resp: 4872

Ion Ratio Lower Upper

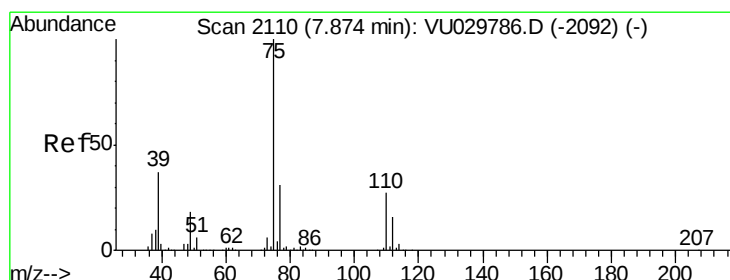
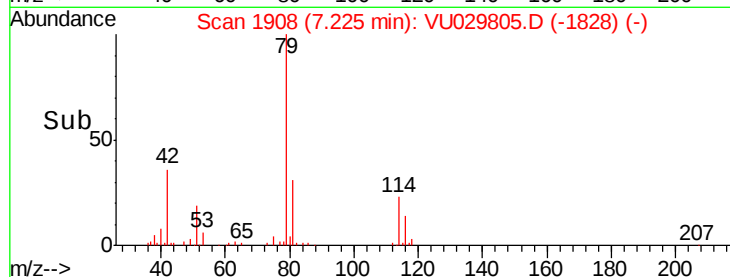
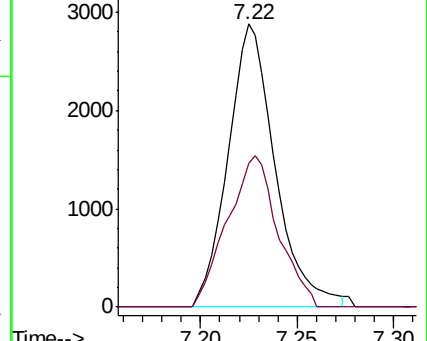
75 100

77 50.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.642 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029805.D

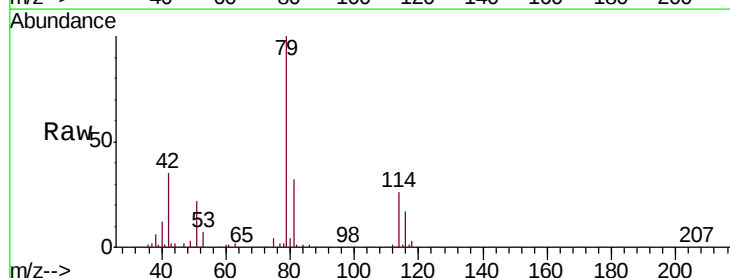
Acq: 04 Mar 2019 23:51

Tgt Ion: 75 Resp: 3187

Ion Ratio Lower Upper

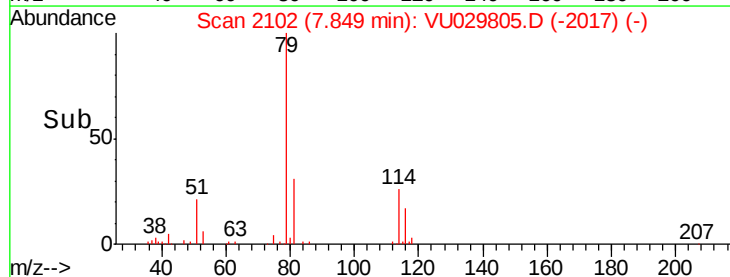
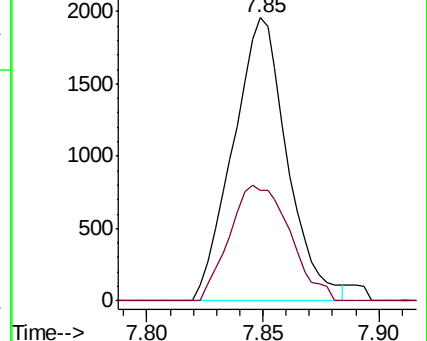
75 100

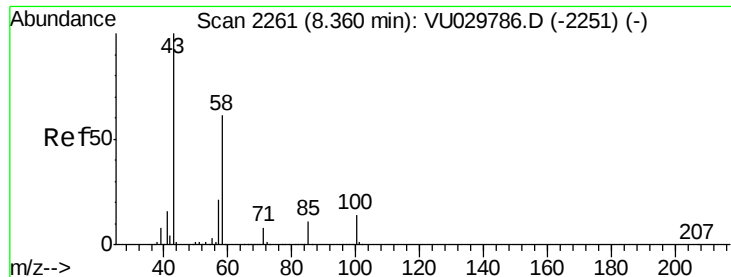
77 39.0 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

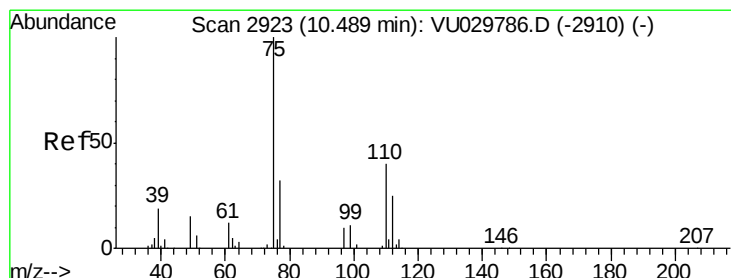
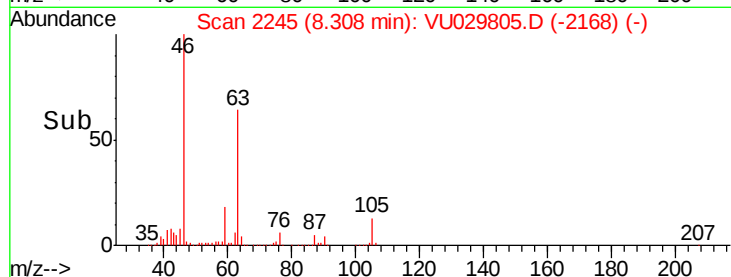
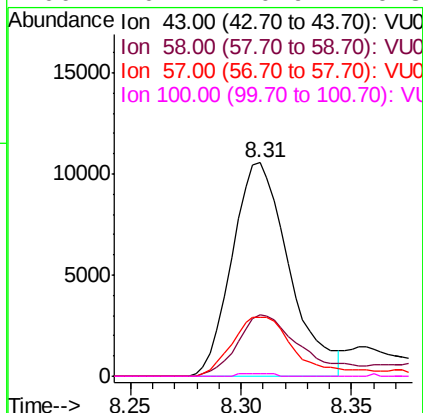
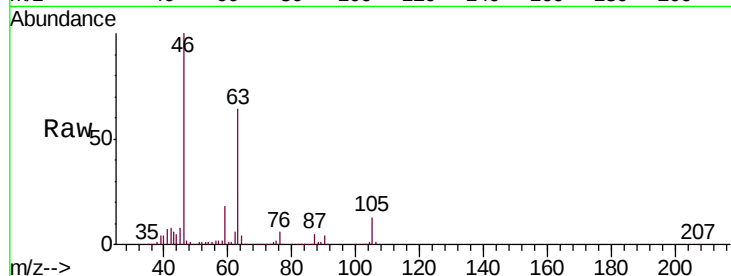




#48
2-Hexanone
Concen: 4.713 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029805.D
Acq: 04 Mar 2019 23:51

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:	43	Resp:	18898
Ion	Ratio	Lower	Upper
43	100		
58	30.0	46.4	69.6#
57	30.0	15.7	23.5#
100	0.4	10.9	16.3#



#59
1,2,3-Trichloropropane
Concen: 4.925 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029805.D
Acq: 04 Mar 2019 23:51

Tgt Ion:	75	Resp:	22921
Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.7	38.5

