

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029903.D
 Acq On : 08 Mar 2019 21:15
 Operator : JC/SP
 Sample : K1796-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q3

Quant Time: Mar 08 22:20:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	461405	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212026	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123075	36.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.80%
7) Chloroethane-d5	1.75	69	170	0.06	ug/L	0.07
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.27	63	178533	27.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.02%#
21) 2-Butanone-d5	4.17	46	246014	119.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.57%
24) Chloroform-d	4.64	84	264078	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.31	65	165772	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
32) Benzene-d6	5.34	84	578332	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
36) 1,2-Dichloropropane-d6	6.33	67	183341	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.56%
41) Toluene-d8	7.56	98	520989	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%
43) trans-1,3-Dichloropropene-	7.85	79	79408	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.84%
47) 2-Hexanone-d5	8.31	63	195562	103.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289429	50.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	226596	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds

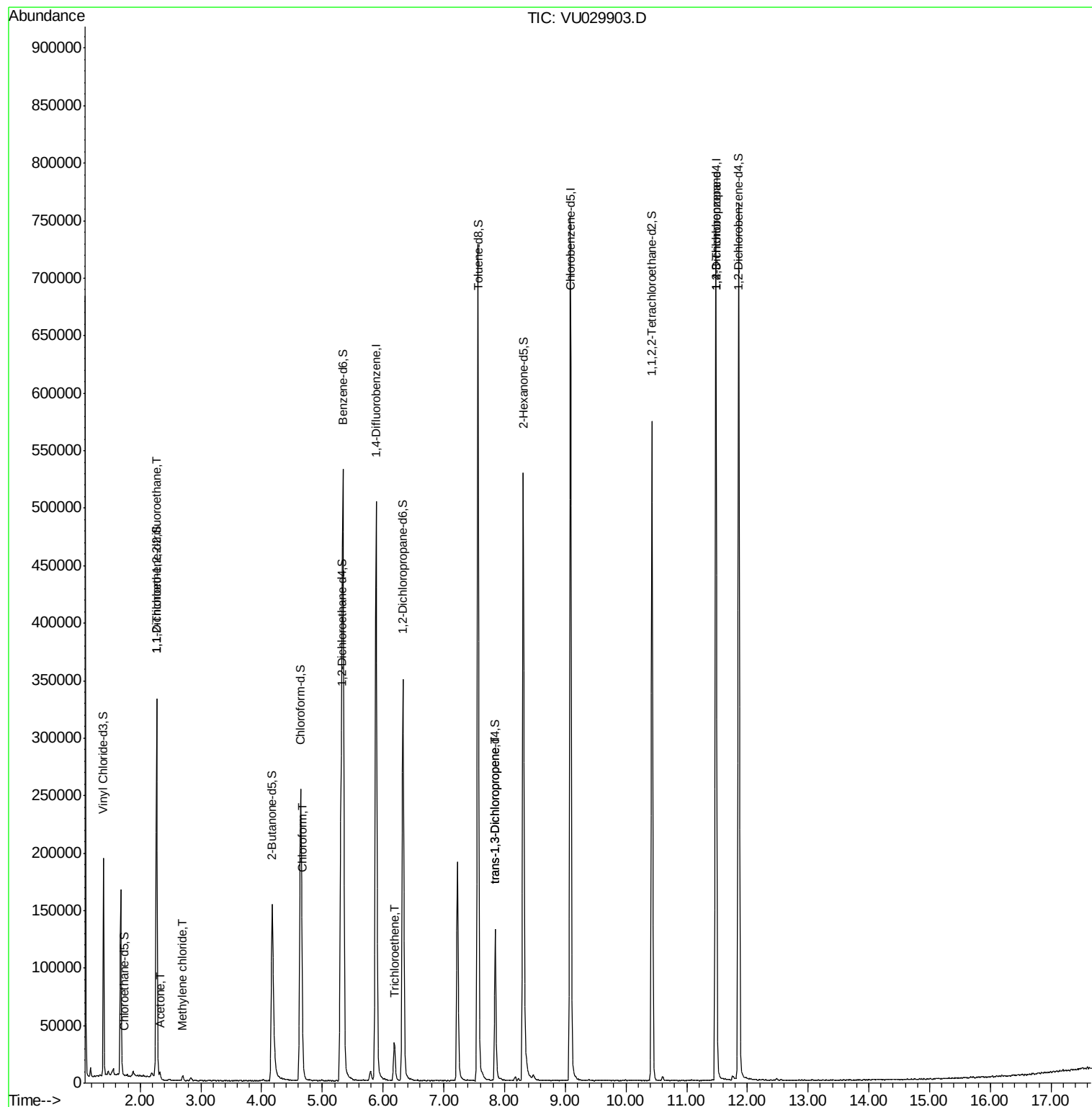
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2213	0.689	ug/L #	18
13) Acetone	2.32	43	4408	2.005	ug/L	97
16) Methylene chloride	2.70	84	2206	0.746	ug/L	87
25) Chloroform	4.67	83	10969	2.016	ug/L	81
34) Trichloroethene	6.19	95	12074	3.882	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3418	0.742	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	22879	5.295	ug/L	94

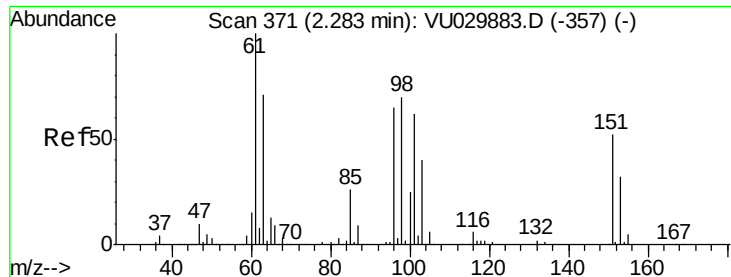
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.689 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029903.D

Acq: 08 Mar 2019 21:15

Instrument :

MSVOA_U

ClientSampleId :

BF5Q3

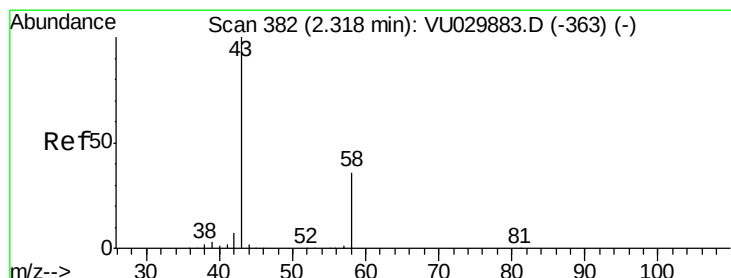
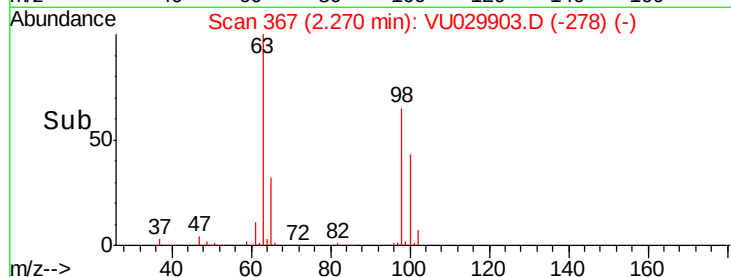
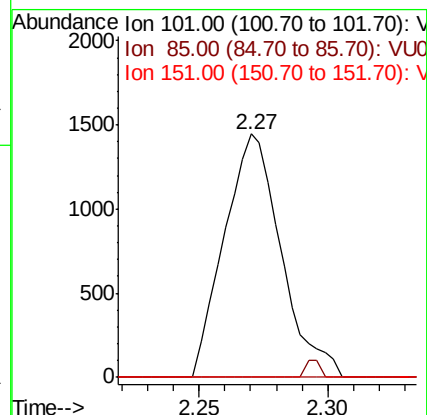
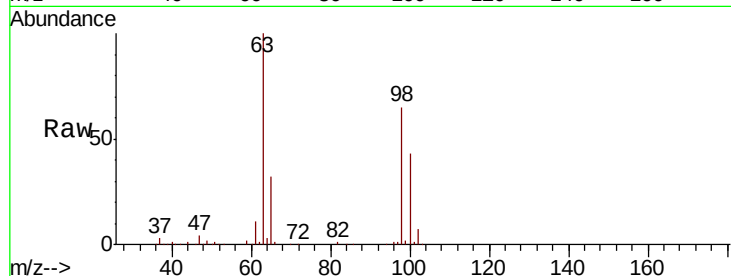
Tgt Ion: 101 Resp: 2213

Ion Ratio Lower Upper

101 100

85 1.8 33.0 49.6#

151 0.0 65.7 98.5#



#13

Acetone

Concen: 2.005 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029903.D

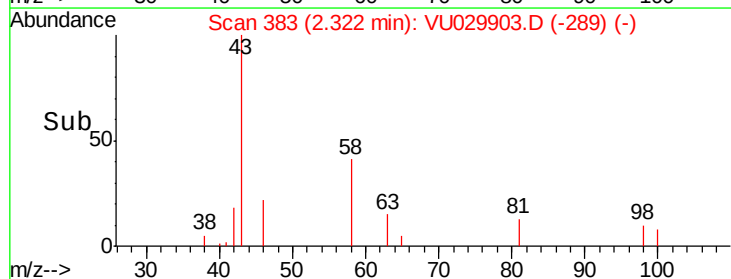
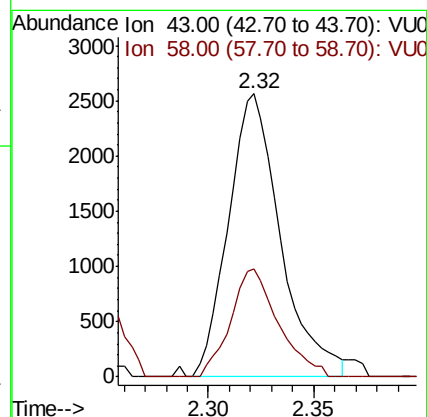
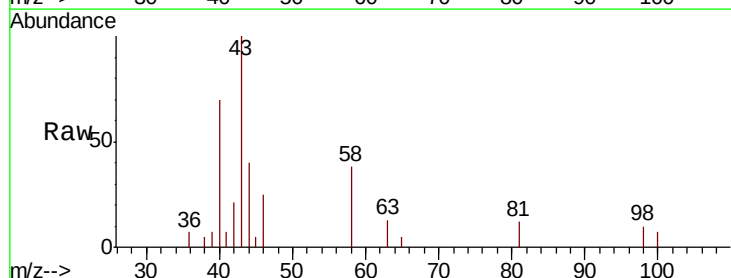
Acq: 08 Mar 2019 21:15

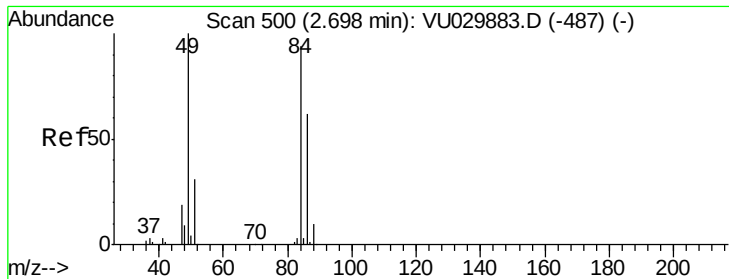
Tgt Ion: 43 Resp: 4408

Ion Ratio Lower Upper

43 100

58 34.8 0.0 66.8

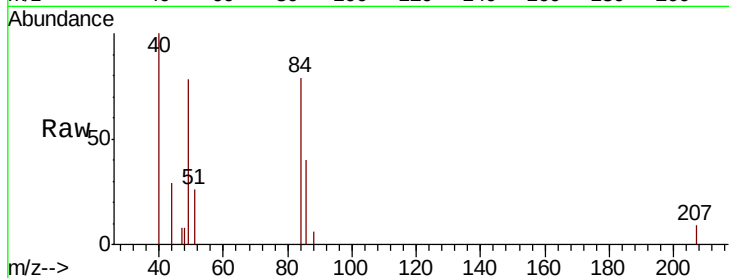




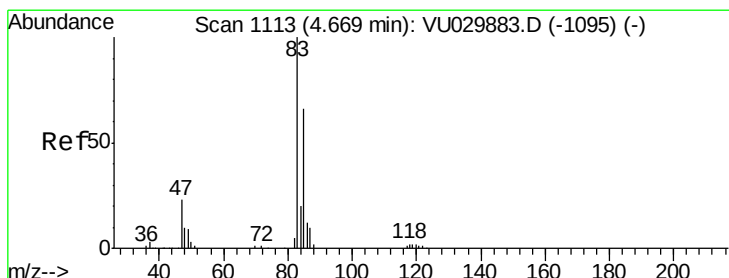
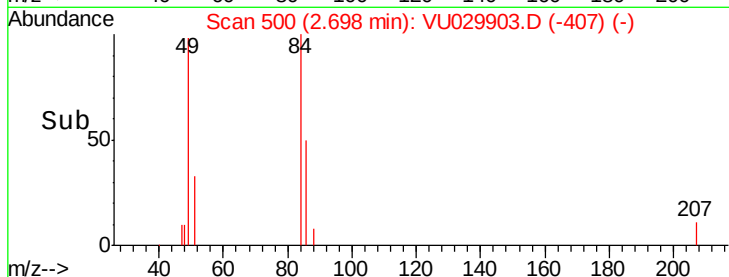
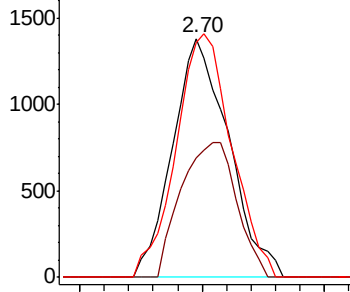
#16
Methylene chloride
Concen: 0.746 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029903.D
Acq: 08 Mar 2019 21:15

Instrument :
MSVOA_U
ClientSampleId :
BF5Q3

Tgt Ion: 84 Resp: 2206
Ion Ratio Lower Upper
84 100
86 50.2 45.8 85.0
49 97.9 75.1 139.5

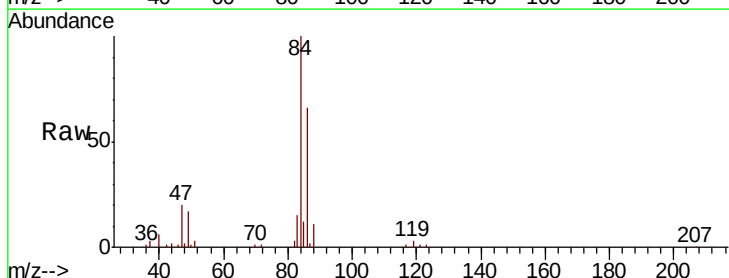


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

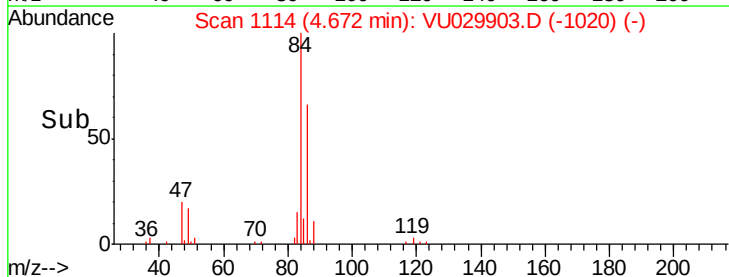
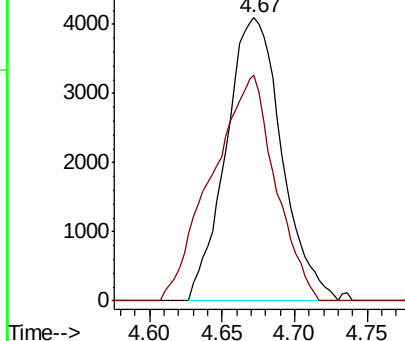


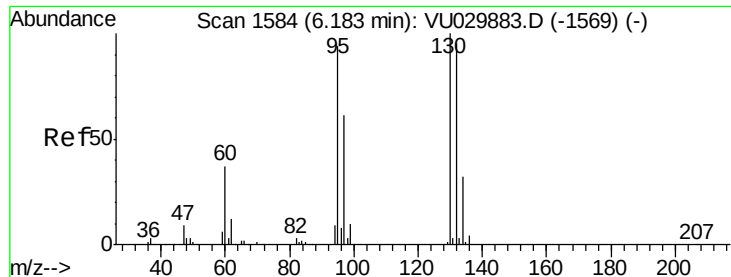
#25
Chloroform
Concen: 2.016 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029903.D
Acq: 08 Mar 2019 21:15

Tgt Ion: 83 Resp: 10969
Ion Ratio Lower Upper
83 100
85 79.8 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 3.882 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU029903.D

Acq: 08 Mar 2019 21:15

Instrument :

MSVOA_U

ClientSampleId :

BF5Q3

Tgt Ion: 95 Resp: 12074

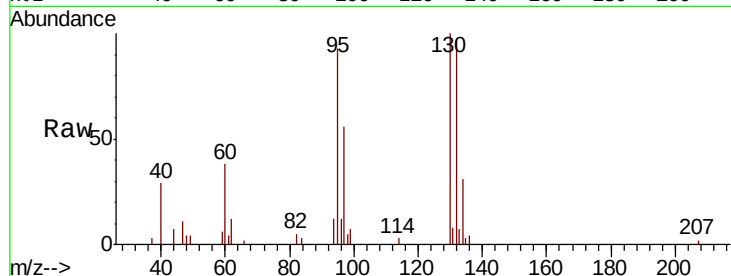
Ion Ratio Lower Upper

95 100

97 60.2 44.6 82.8

132 104.5 74.6 138.6

130 107.6 77.2 143.4

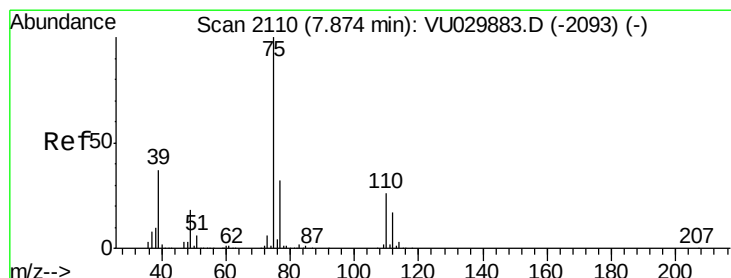
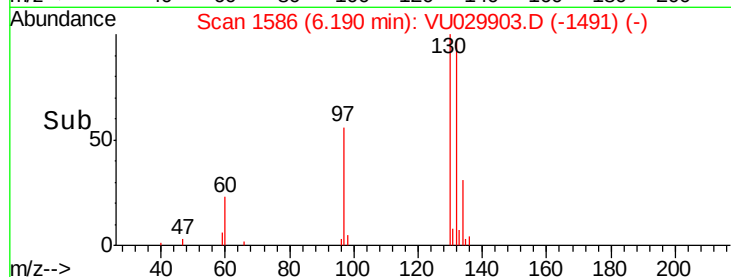
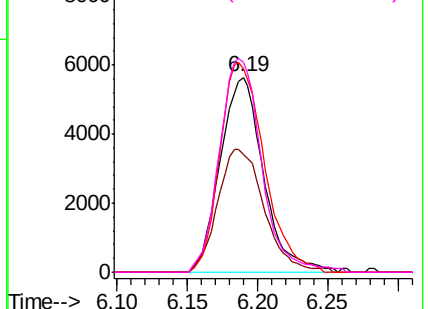


Abundance Ion 95.00 (94.70 to 95.70): VU029883.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU029883.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU029883.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU029883.D (-1569) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.742 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029903.D

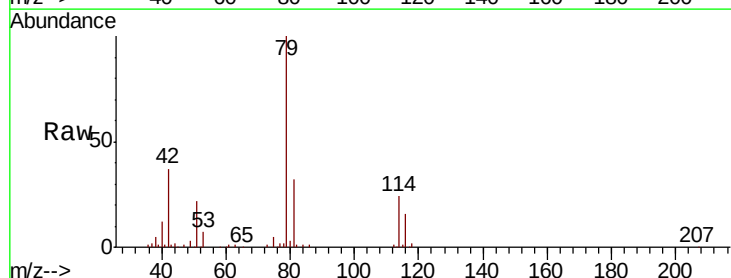
Acq: 08 Mar 2019 21:15

Tgt Ion: 75 Resp: 3418

Ion Ratio Lower Upper

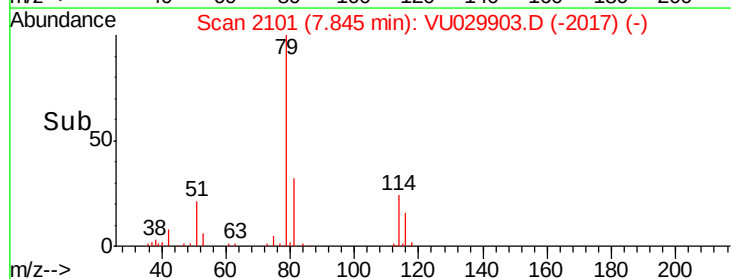
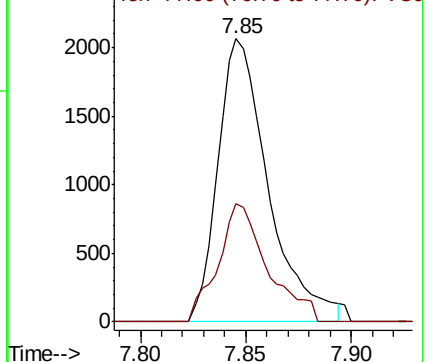
75 100

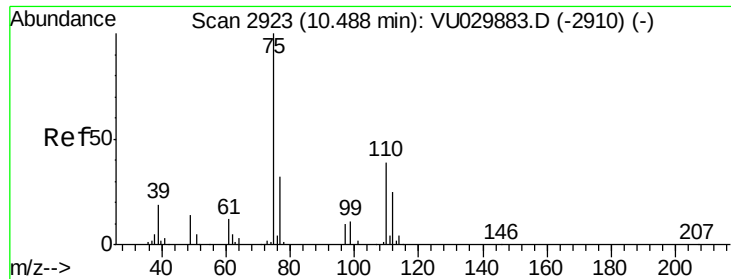
77 42.0 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU029883.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU029883.D (-2093) (-)





#59

1,2,3-Trichloropropane

Concen: 5.295 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029903.D

Acq: 08 Mar 2019 21:15

Instrument :

MSVOA_U

ClientSampleId :

BF5Q3

Tgt Ion: 75 Resp: 22879

Ion Ratio Lower Upper

75 100

77 35.4 25.7 38.5

