

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029902.D
 Acq On : 08 Mar 2019 20:52
 Operator : JC/SP
 Sample : K1796-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q6

Quant Time: Mar 08 22:20:06 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	461517	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123167	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.84%
7) Chloroethane-d5	1.68	69	114748	38.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.34%
11) 1,1-Dichloroethene-d2	2.27	63	181967	27.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.06%#
21) 2-Butanone-d5	4.17	46	244725	118.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.91%
24) Chloroform-d	4.64	84	260092	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.31	65	170544	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
32) Benzene-d6	5.34	84	575200	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
36) 1,2-Dichloropropane-d6	6.33	67	183772	54.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.60%
41) Toluene-d8	7.56	98	523073	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%
43) trans-1,3-Dichloropropene-	7.85	79	80638	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.84%
47) 2-Hexanone-d5	8.31	63	197703	104.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293599	51.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	223334	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

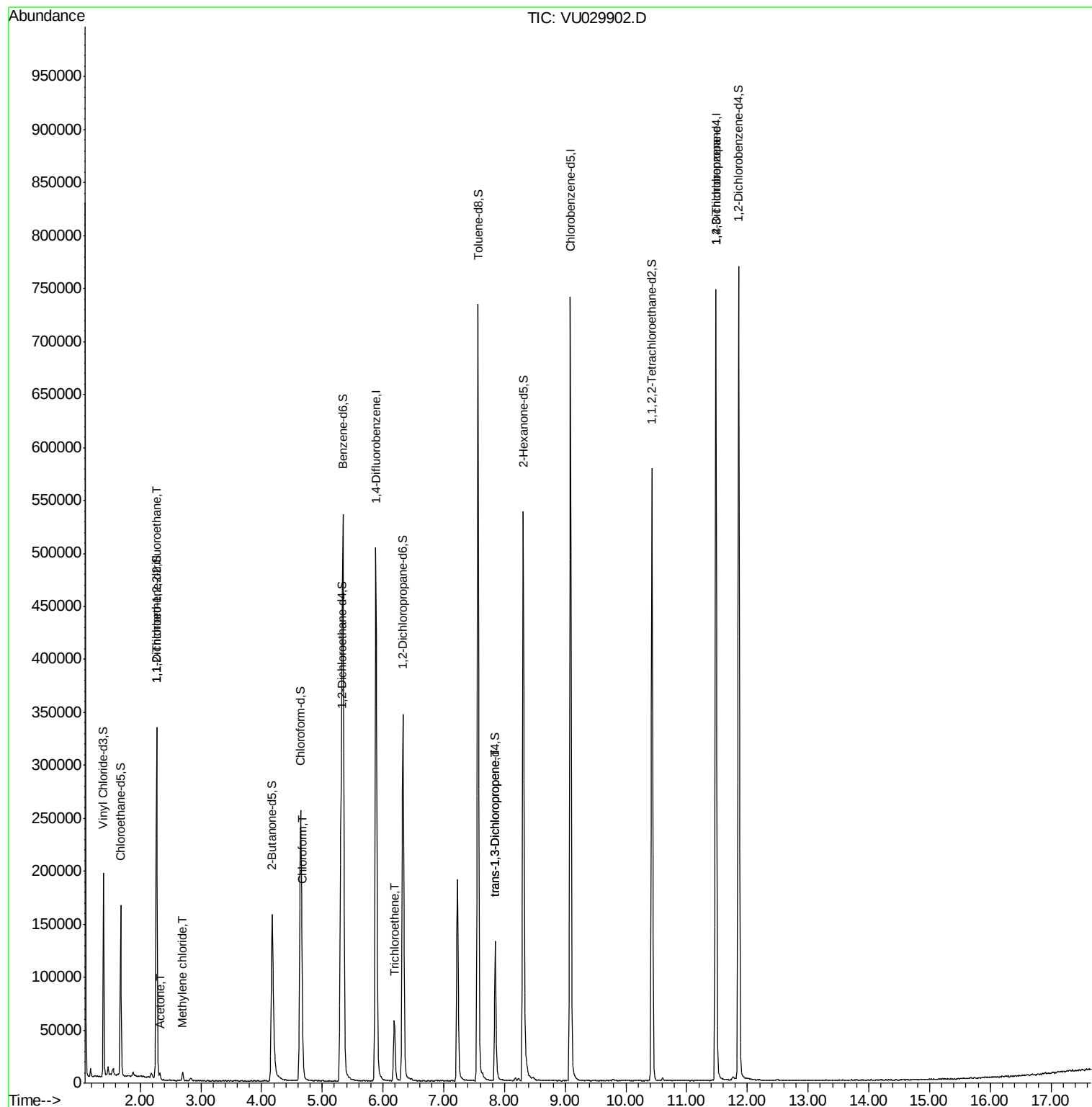
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2121	0.660 ug/L #	17
13) Acetone	2.32	43	4052	1.843 ug/L	92
16) Methylene chloride	2.70	84	3831	1.295 ug/L	95
25) Chloroform	4.67	83	18028	3.313 ug/L	95
34) Trichloroethene	6.19	95	20907	6.771 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3245	0.709 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	22173	5.169 ug/L	93

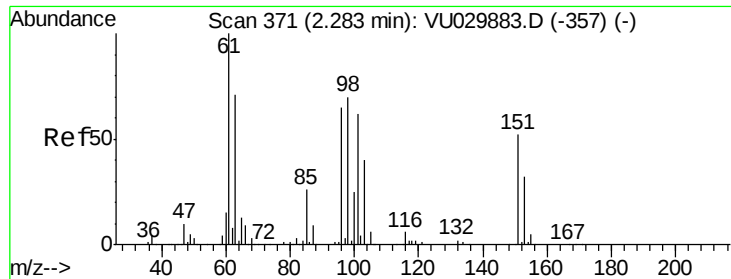
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.660 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029902.D

Acq: 08 Mar 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

BF5Q6

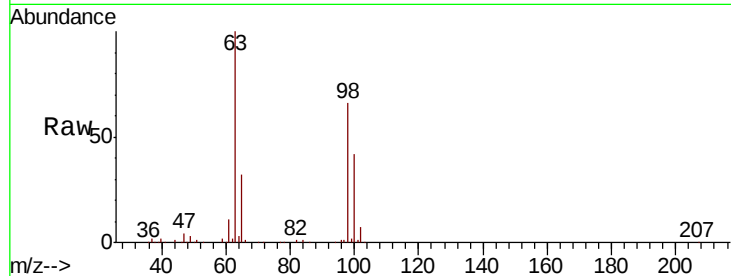
Tgt Ion: 101 Resp: 2121

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

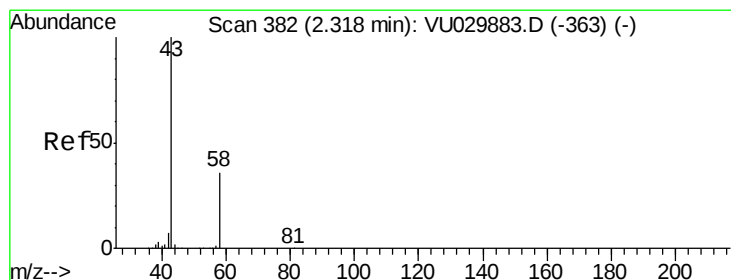
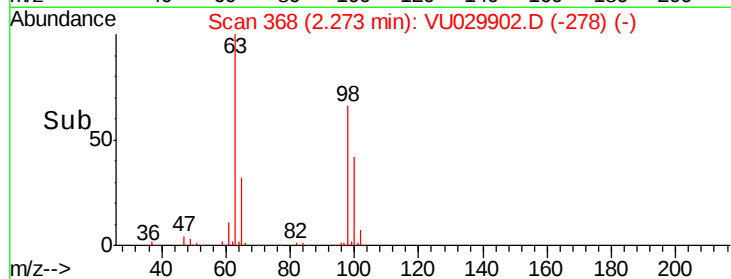
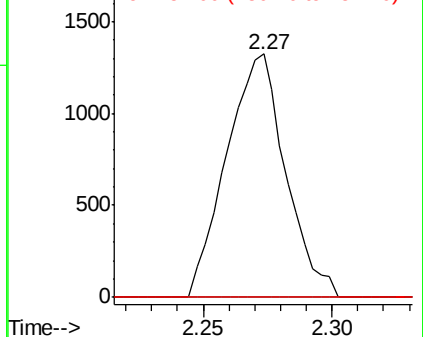
151 0.0 65.7 98.5#



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



#13

Acetone

Concen: 1.843 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029902.D

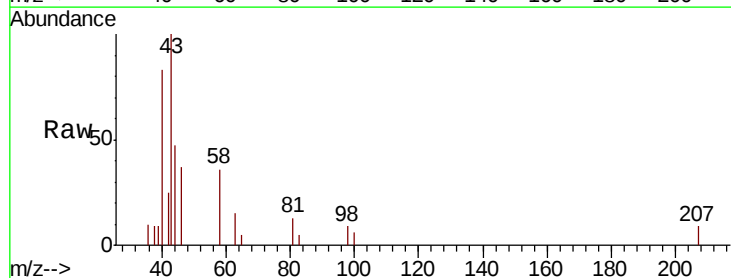
Acq: 08 Mar 2019 20:52

Tgt Ion: 43 Resp: 4052

Ion Ratio Lower Upper

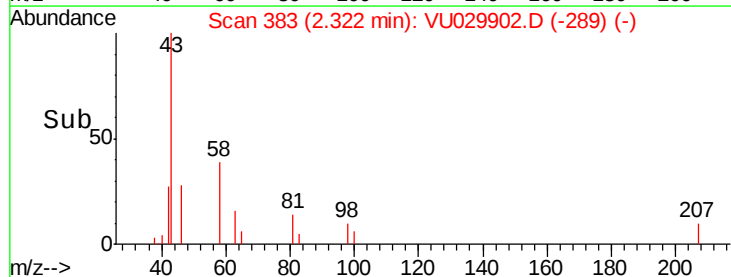
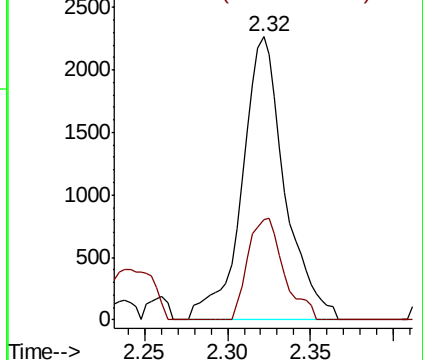
43 100

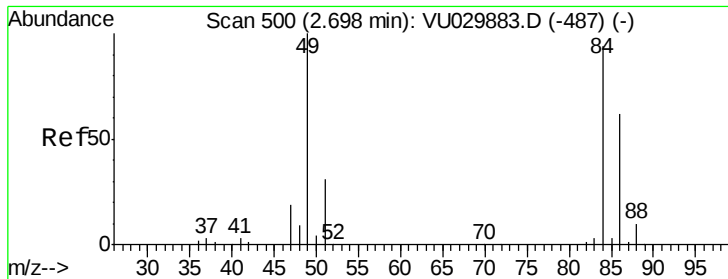
58 29.0 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

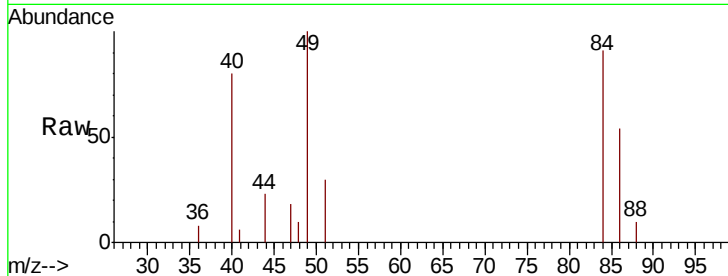




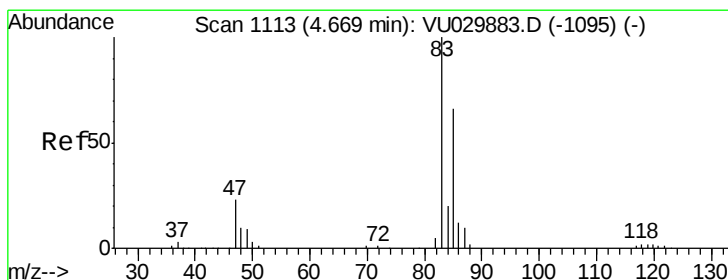
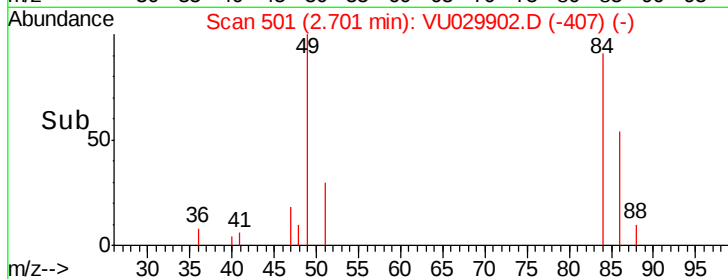
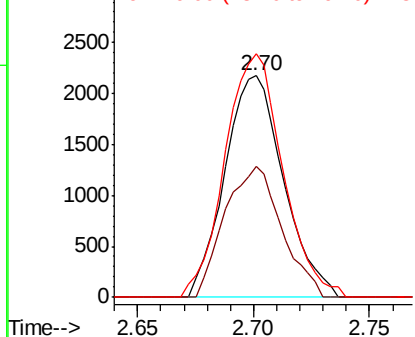
#16
Methylene chloride
Concen: 1.295 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU029902.D
Acq: 08 Mar 2019 20:52

Instrument :
MSVOA_U
ClientSampled :
BF5Q6

Tgt Ion: 84 Resp: 3831
Ion Ratio Lower Upper
84 100
86 59.0 45.8 85.0
49 109.8 75.1 139.5

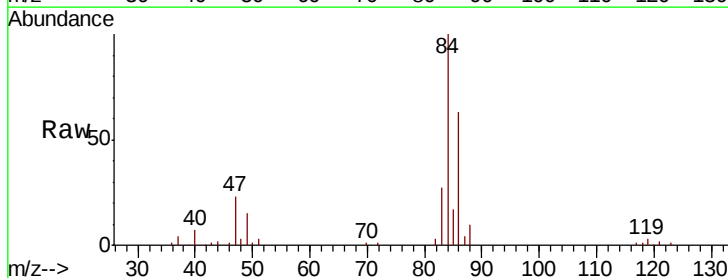


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

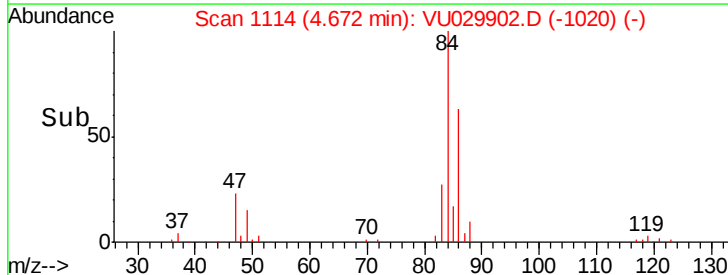
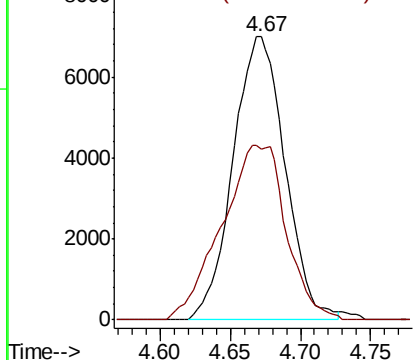


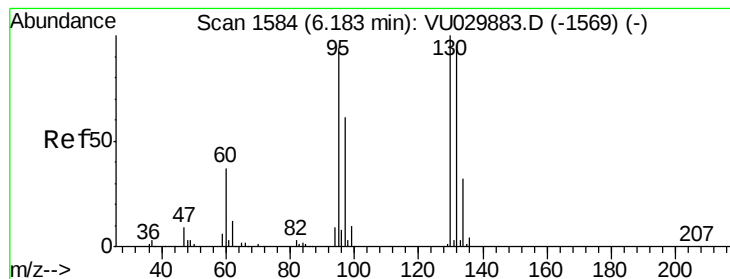
#25
Chloroform
Concen: 3.313 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029902.D
Acq: 08 Mar 2019 20:52

Tgt Ion: 83 Resp: 18028
Ion Ratio Lower Upper
83 100
85 60.5 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: 6.771 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU029902.D

Acq: 08 Mar 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

BF5Q6

Tgt Ion: 95 Resp: 20907

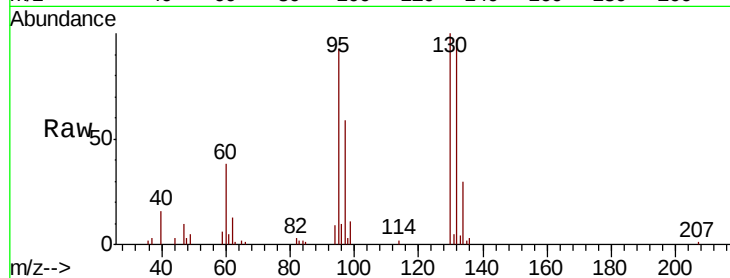
Ion Ratio Lower Upper

95 100

97 63.5 44.6 82.8

132 104.8 74.6 138.6

130 107.6 77.2 143.4

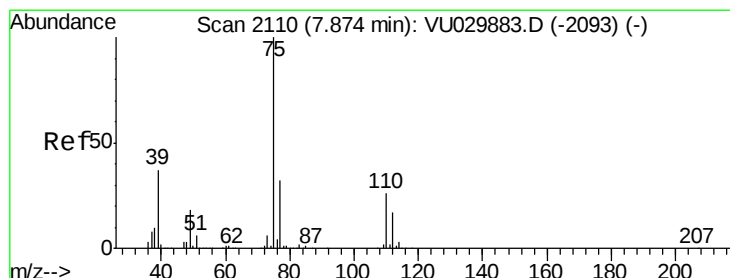
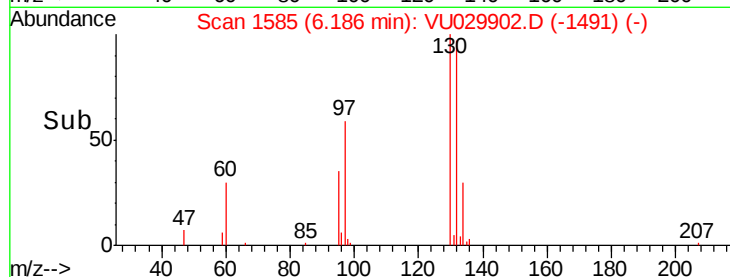
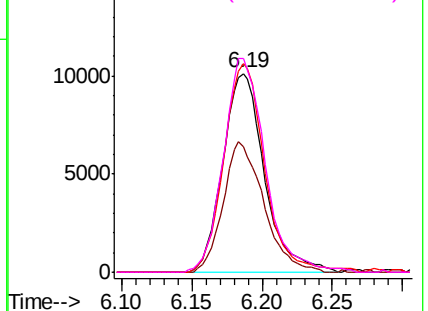


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.709 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029902.D

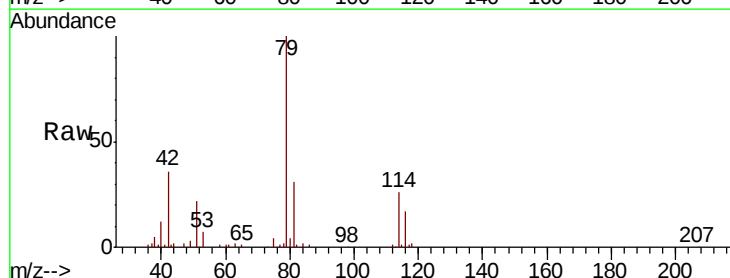
Acq: 08 Mar 2019 20:52

Tgt Ion: 75 Resp: 3245

Ion Ratio Lower Upper

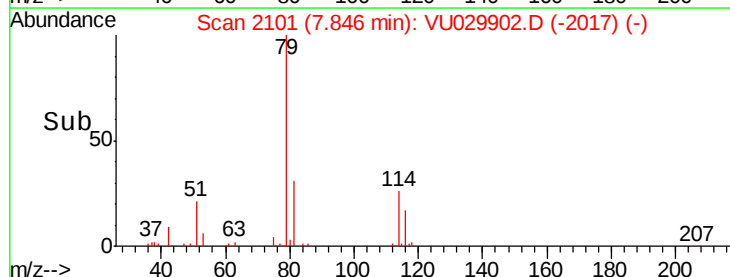
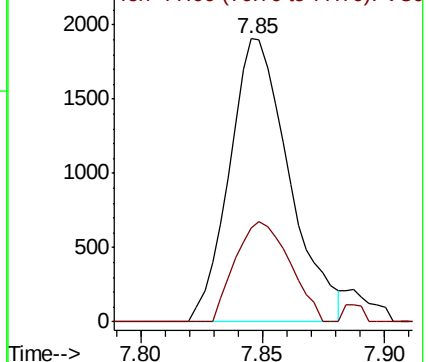
75 100

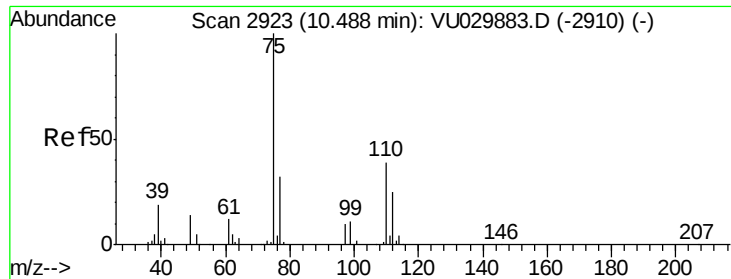
77 33.0 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.169 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029902.D

Acq: 08 Mar 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

BF5Q6

Tgt Ion: 75 Resp: 22173

Ion Ratio Lower Upper

75 100

77 35.8 25.7 38.5

