

Data File : VU033659.D
Acq On : 08 Aug 2019 23:33
Operator : JC/SP
Sample : K4161-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOE5

Quant Time: Aug 09 07:45:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	296982	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	301582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137927	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	135743	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.98%
7) Chloroethane-d5	1.67	69	116467	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.08%
11) 1,1-Dichloroethene-d2	2.26	63	178062	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	4.15	46	200360	81.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.60%
24) Chloroform-d	4.62	84	219184	39.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.90%
26) 1,2-Dichloroethane-d4	5.29	65	147373	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
32) Benzene-d6	5.32	84	455478	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.31	67	147006	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.22%
41) Toluene-d8	7.55	98	414495	39.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.72%#
43) trans-1,3-Dichloropropene-	7.83	79	66400	37.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.88%
47) 2-Hexanone-d5	8.29	63	142771	79.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.75%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	220077	39.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	159783	42.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

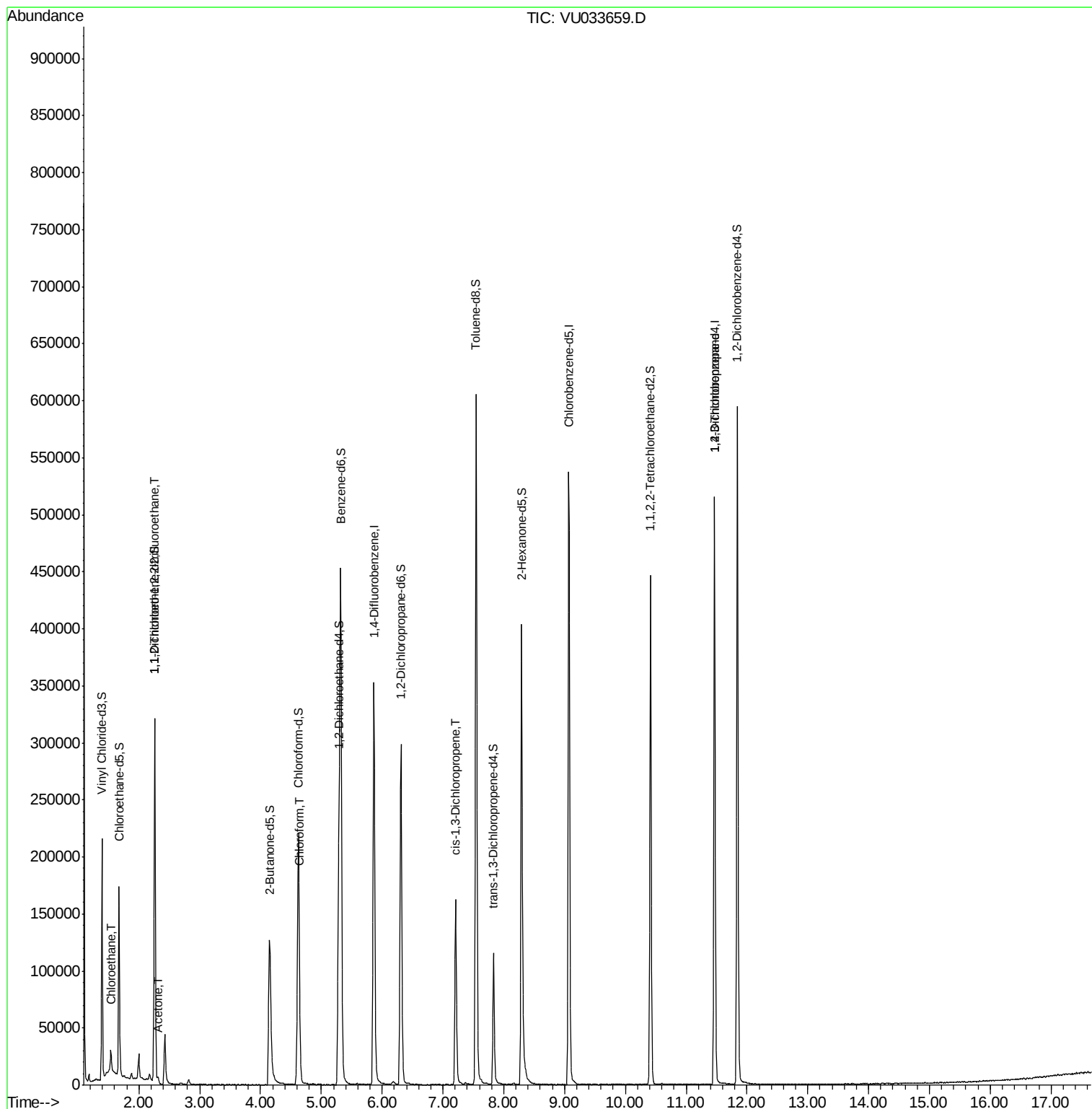
					Qvalue
8) Chloroethane	1.54	64	5663	2.817 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1622	0.737 ug/L #	19
13) Acetone	2.31	43	4210	2.521 ug/L	100
25) Chloroform	4.65	83	4985	1.114 ug/L	93
39) cis-1,3-Dichloropropene	7.21	75	4010	1.047 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	16031	4.563 ug/L #	88

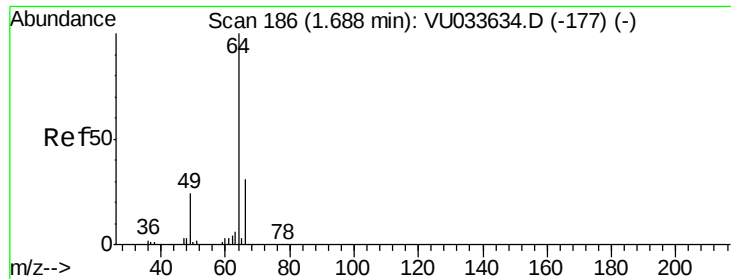
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 2.817 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.15 min

Lab File: VU033659.D

Acq: 08 Aug 2019 23:33

Instrument :

MSVOA_U

ClientSampled :

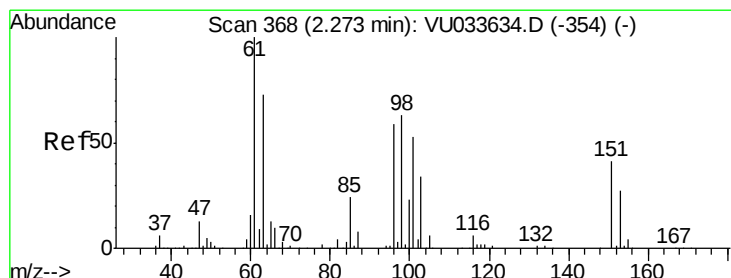
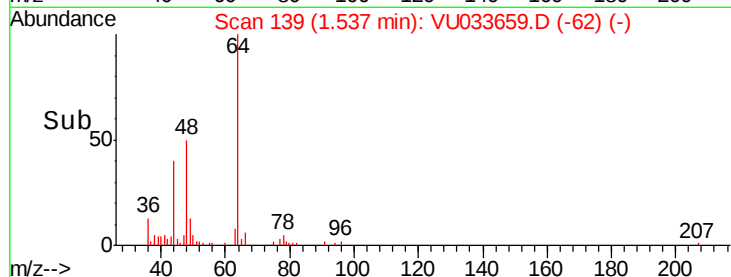
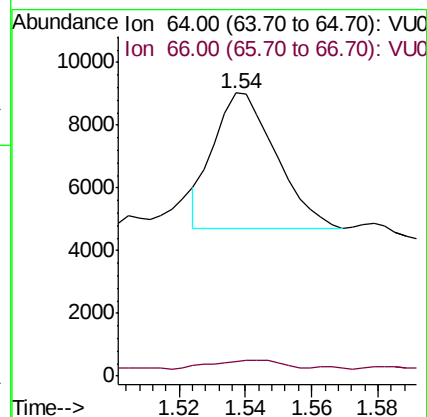
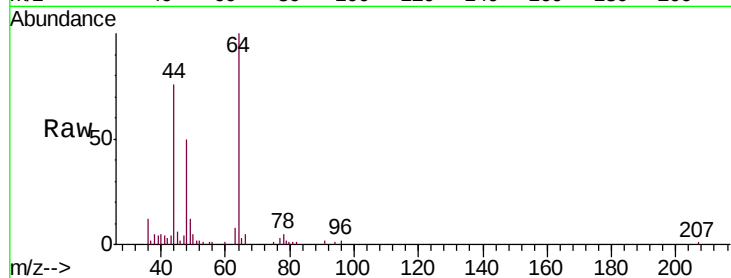
ETOE5

Tgt Ion: 64 Resp: 5663

Ion Ratio Lower Upper

64 100

66 5.3 23.0 42.8#



#10

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

Concen: 0.737 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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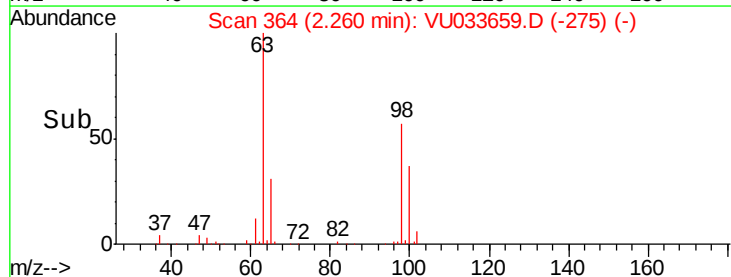
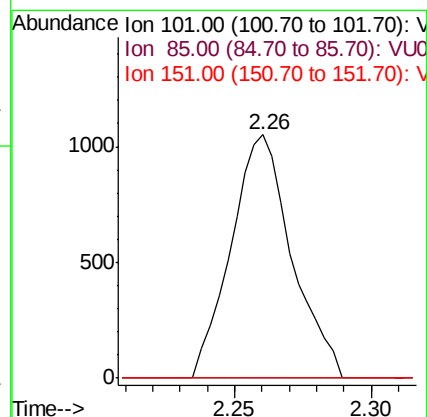
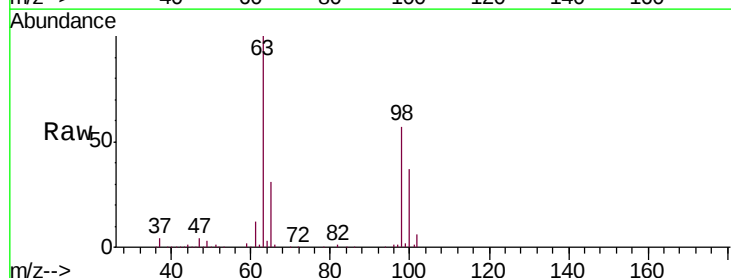
Tgt Ion: 101 Resp: 1622

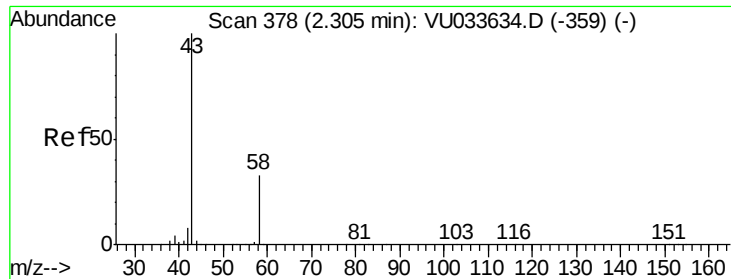
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.4 90.6#





#13

Acetone

Concen: 2.521 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033659.D

Acq: 08 Aug 2019 23:33

Instrument :

MSVOA_U

ClientSampled :

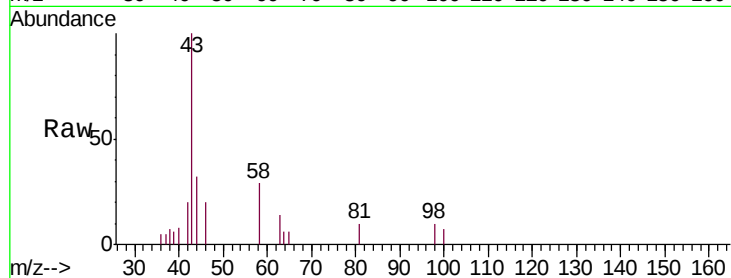
ETOE5

Tgt Ion: 43 Resp: 4210

Ion Ratio Lower Upper

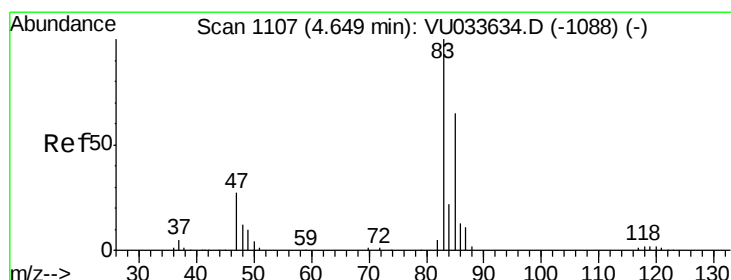
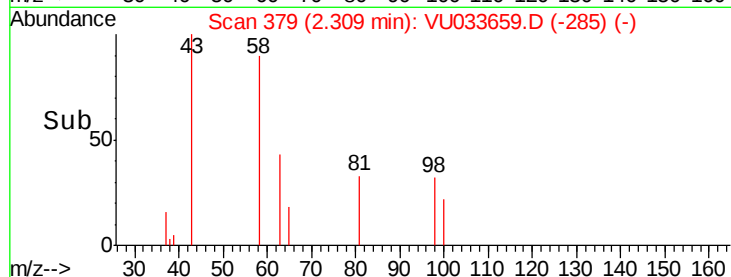
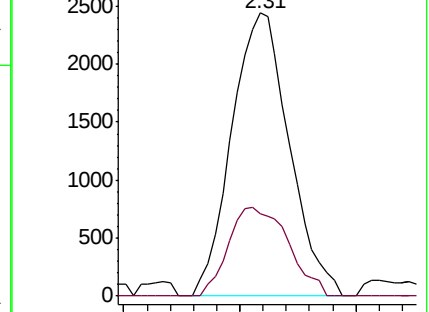
43 100

58 32.6 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033634.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU033634.D (-359) (-)



#25

Chloroform

Concen: 1.114 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033659.D

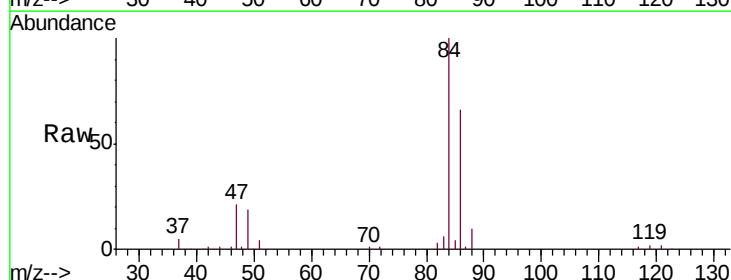
Acq: 08 Aug 2019 23:33

Tgt Ion: 83 Resp: 4985

Ion Ratio Lower Upper

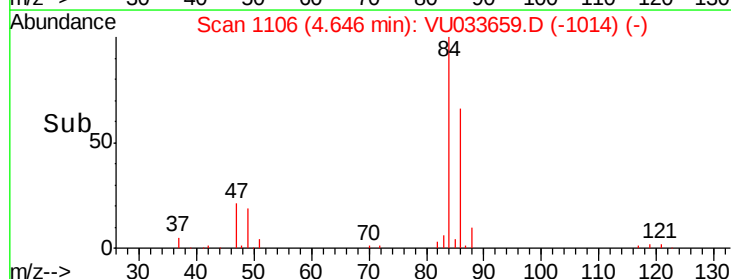
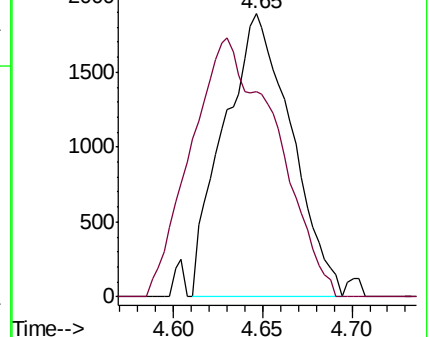
83 100

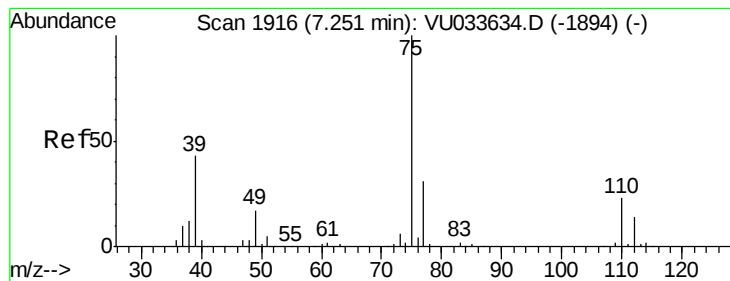
85 72.8 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU033634.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033634.D (-1088) (-)



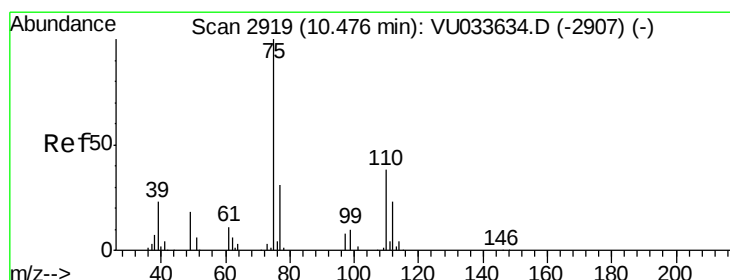
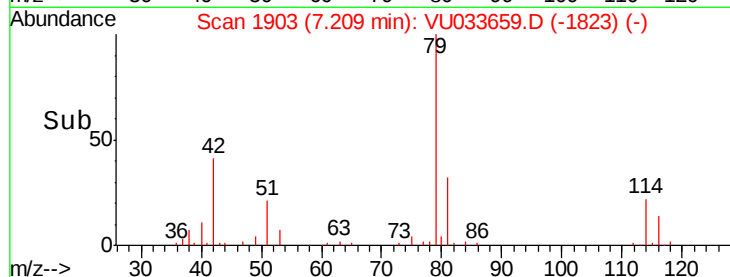
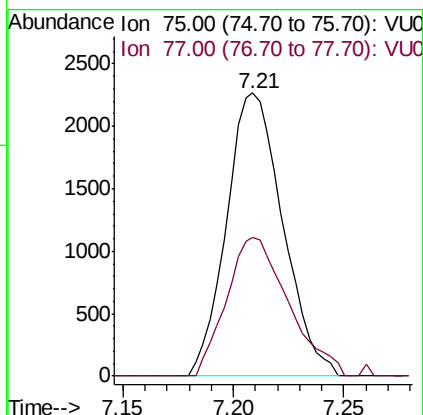
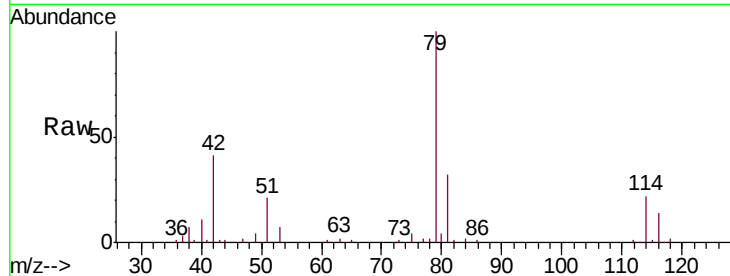


#39

cis-1,3-Dichloropropene
 Concen: 1.047 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033659.D
 Acq: 08 Aug 2019 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOE5

Tgt Ion: 75 Resp: 4010
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.5 41.9#



#59

1,2,3-Trichloropropane
 Concen: 4.563 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033659.D
 Acq: 08 Aug 2019 23:33

Tgt Ion: 75 Resp: 16031
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.5 38.3#

