

Data File : VU033661.D
Acq On : 09 Aug 2019 00:19
Operator : JC/SP
Sample : K4161-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOE7

Quant Time: Aug 09 07:46:14 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	278569	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	288542	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	133294	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143320	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.14%
7) Chloroethane-d5	1.67	69	121074	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.98%
11) 1,1-Dichloroethene-d2	2.26	63	183453	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.15	46	215162	93.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.42%
24) Chloroform-d	4.62	84	227864	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.29	65	154448	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
32) Benzene-d6	5.32	84	473730	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
36) 1,2-Dichloropropane-d6	6.31	67	151671	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.55	98	422259	42.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.90%
43) trans-1,3-Dichloropropene-	7.83	79	67118	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.29	63	152495	89.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.03%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	228064	42.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	165726	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%

Target Compounds

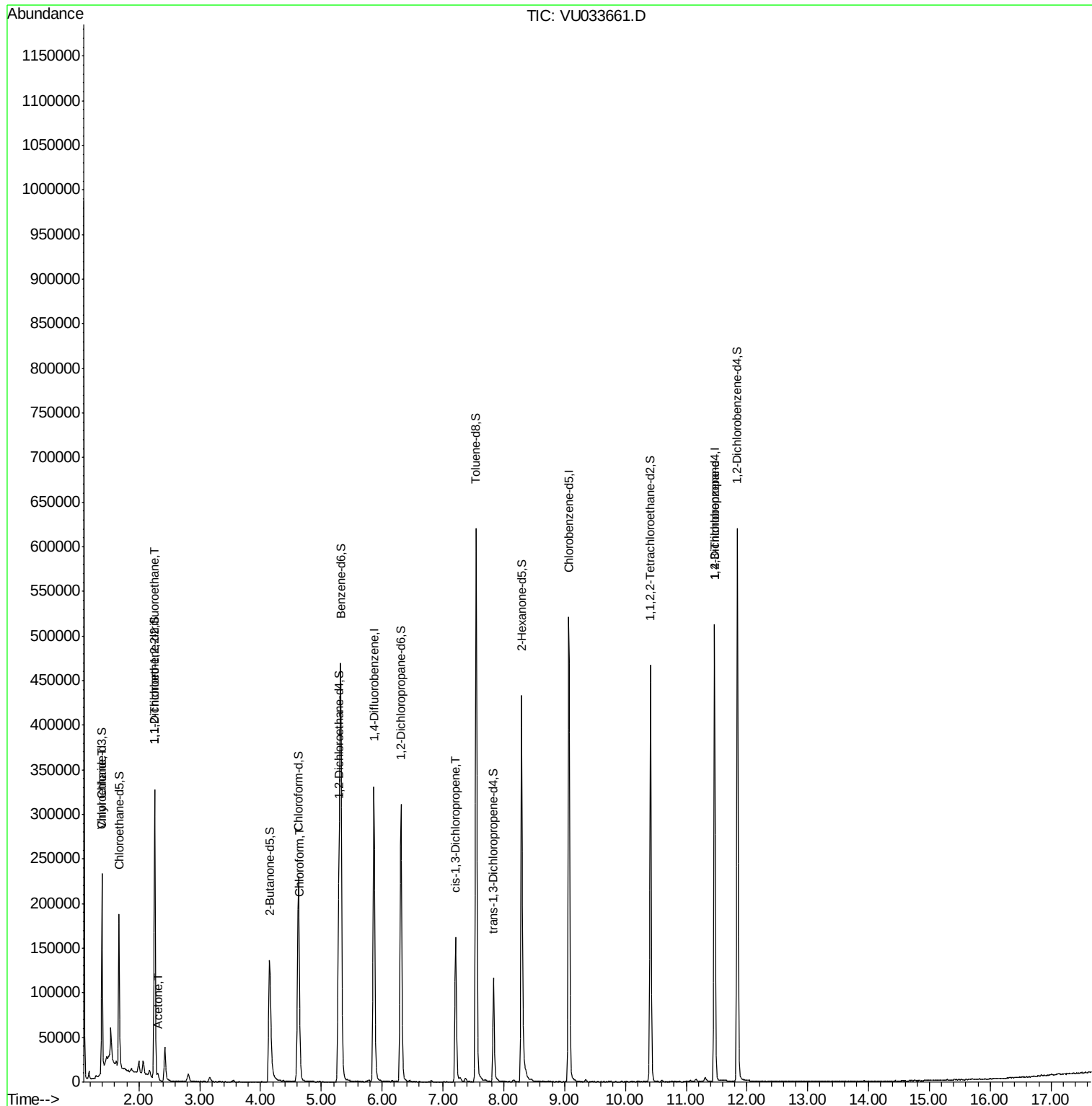
					Qvalue
8) Chloroethane	1.40	64	16374	8.682 ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1676	0.812 ug/L #	19
13) Acetone	2.31	43	7538	4.812 ug/L	97
25) Chloroform	4.65	83	5076	1.210 ug/L #	73
39) cis-1,3-Dichloropropene	7.21	75	4202	1.147 ug/L #	81
59) 1,2,3-Trichloropropane	11.47	75	15188	4.518 ug/L #	88

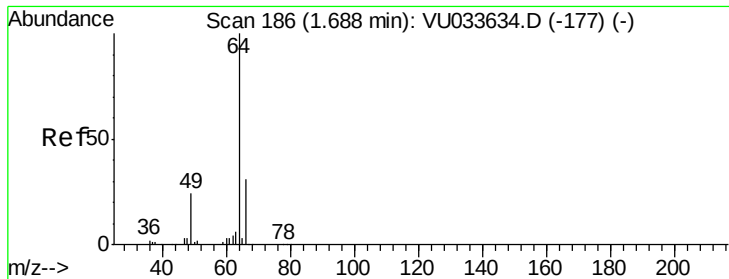
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 8.682 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.29 min

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Acq: 09 Aug 2019 00:19

Instrument :

MSVOA_U

ClientSampleId :

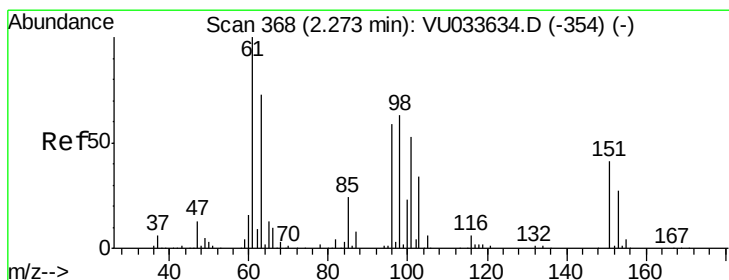
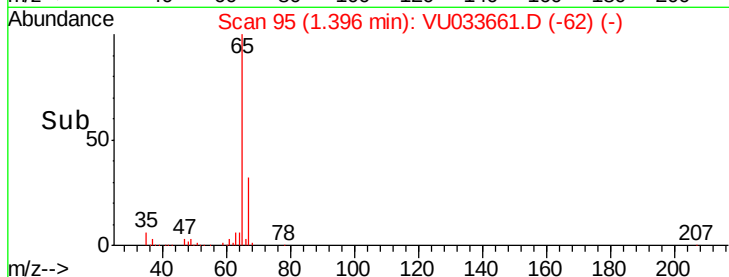
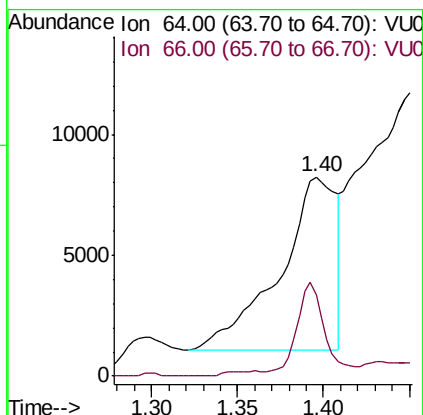
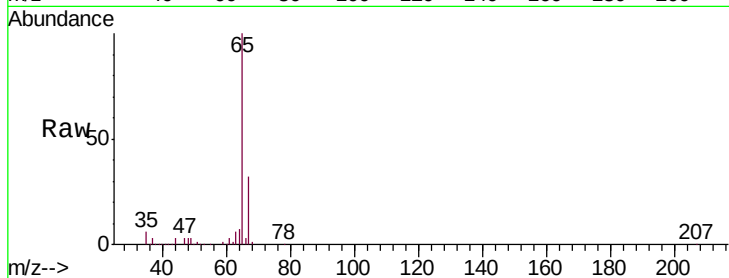
ETOE7

Tgt Ion: 64 Resp: 16374

Ion Ratio Lower Upper

64 100

66 41.0 23.0 42.8



#10

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

Concen: 0.812 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033661.D

Acq: 09 Aug 2019 00:19

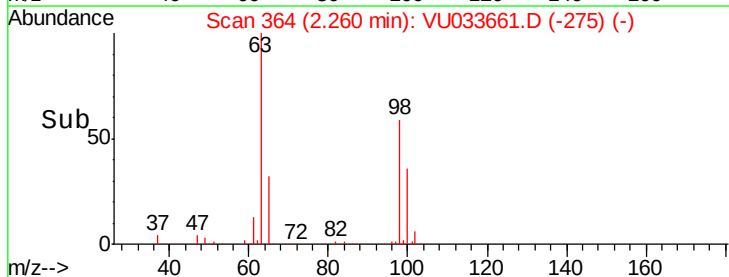
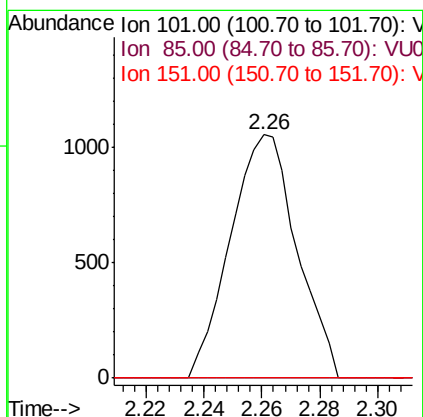
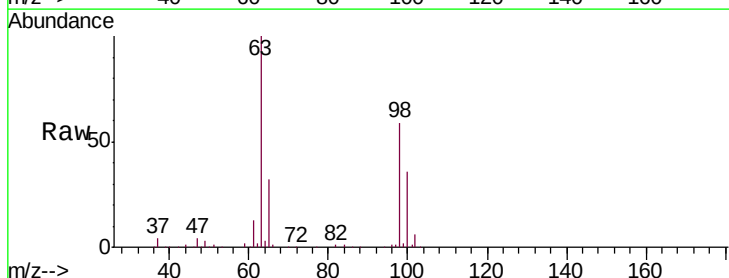
Tgt Ion: 101 Resp: 1676

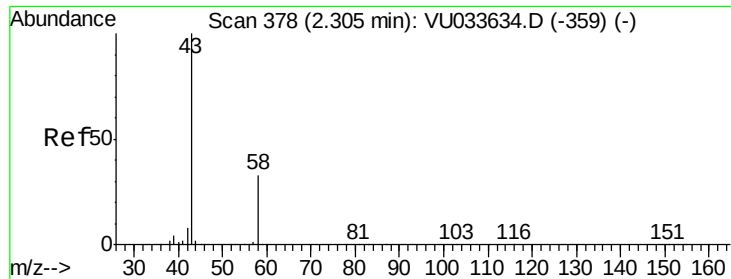
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.4 90.6#





#13

Acetone

Concen: 4.812 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033661.D

Acq: 09 Aug 2019 00:19

Instrument :

MSVOA_U

ClientSampleId :

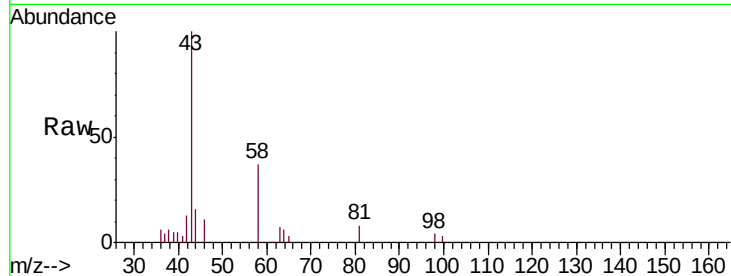
ETOE7

Tgt Ion: 43 Resp: 7538

Ion Ratio Lower Upper

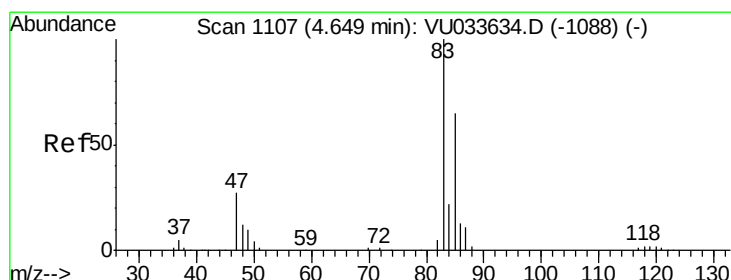
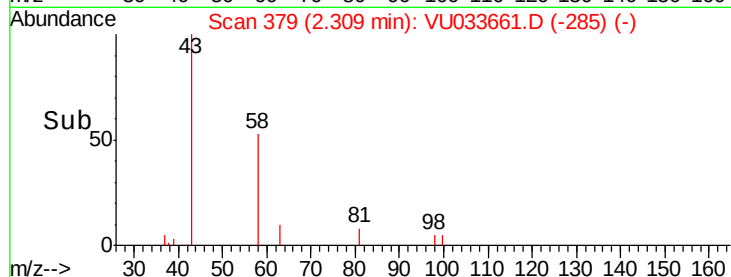
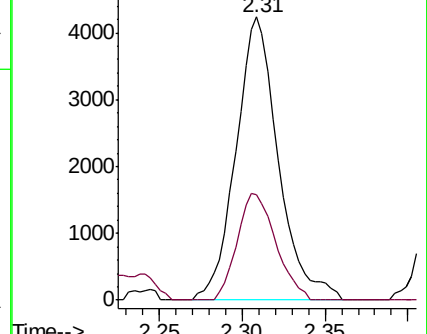
43 100

58 34.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033661.D (-1014) (-)

Ion 58.00 (57.70 to 58.70): VU033661.D (-1014) (-)



#25

Chloroform

Concen: 1.210 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033661.D

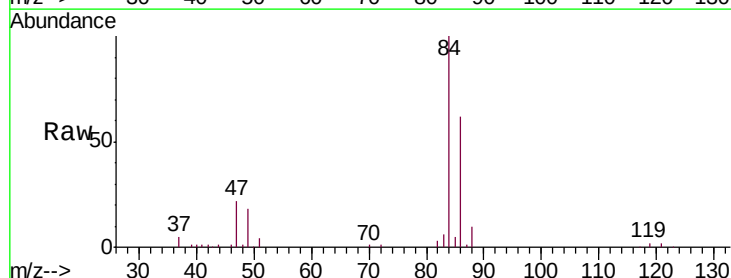
Acq: 09 Aug 2019 00:19

Tgt Ion: 83 Resp: 5076

Ion Ratio Lower Upper

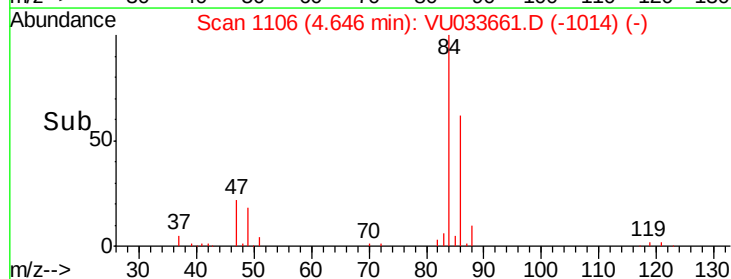
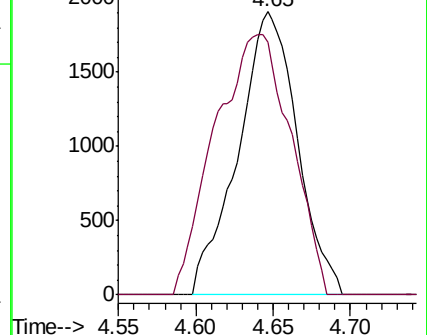
83 100

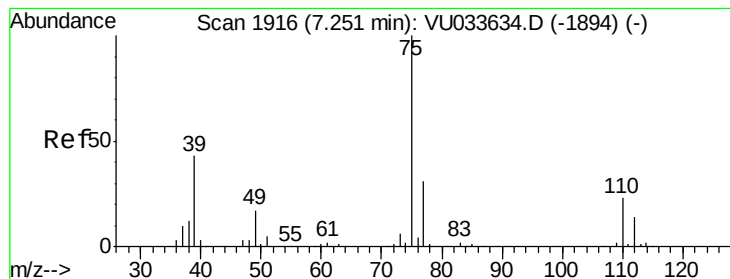
85 89.2 47.2 87.6#



Abundance Ion 83.00 (82.70 to 83.70): VU033661.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VU033661.D (-1014) (-)



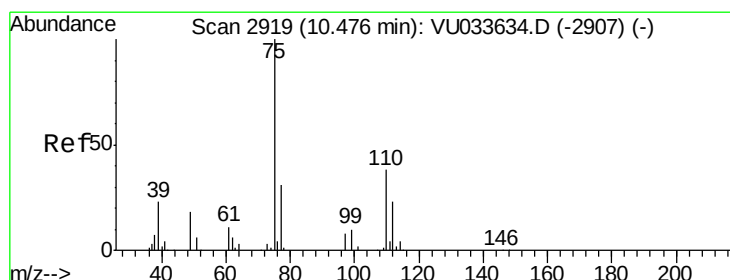
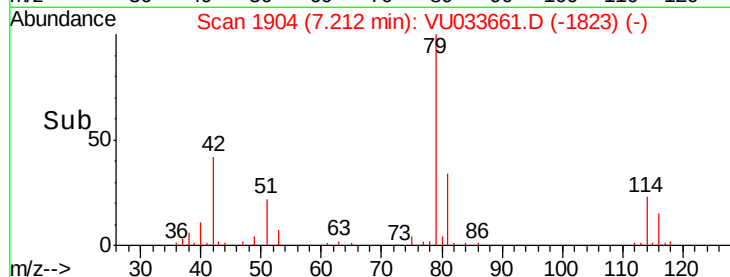
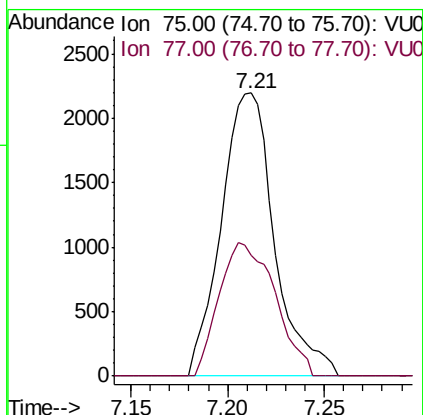
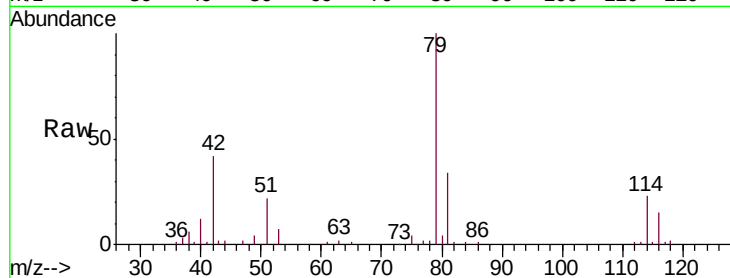


#39

cis-1,3-Dichloropropene
 Concen: 1.147 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033661.D
 Acq: 09 Aug 2019 00:19

Instrument :
 MSVOA_U
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 ETOE7

Tgt Ion: 75 Resp: 4202
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.5 41.9#



#59

1,2,3-Trichloropropane
 Concen: 4.518 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033661.D
 Acq: 09 Aug 2019 00:19

Tgt Ion: 75 Resp: 15188
 Ion Ratio Lower Upper
 75 100
 77 38.8 25.5 38.3#

