

Data File : VU036226.D
Acq On : 16 Dec 2019 12:01
Operator : JC/MD
Sample : K6168-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 17 01:22:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	215444	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	239049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92348	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91326	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.93	69	87270	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.59	63	99601	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.69	46	177786	50.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	5.11	84	158924	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	87185	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.77	84	288770	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	95205	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	236692	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.21	79	35938	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.68	63	143244	48.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.18%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	89524	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	91990	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

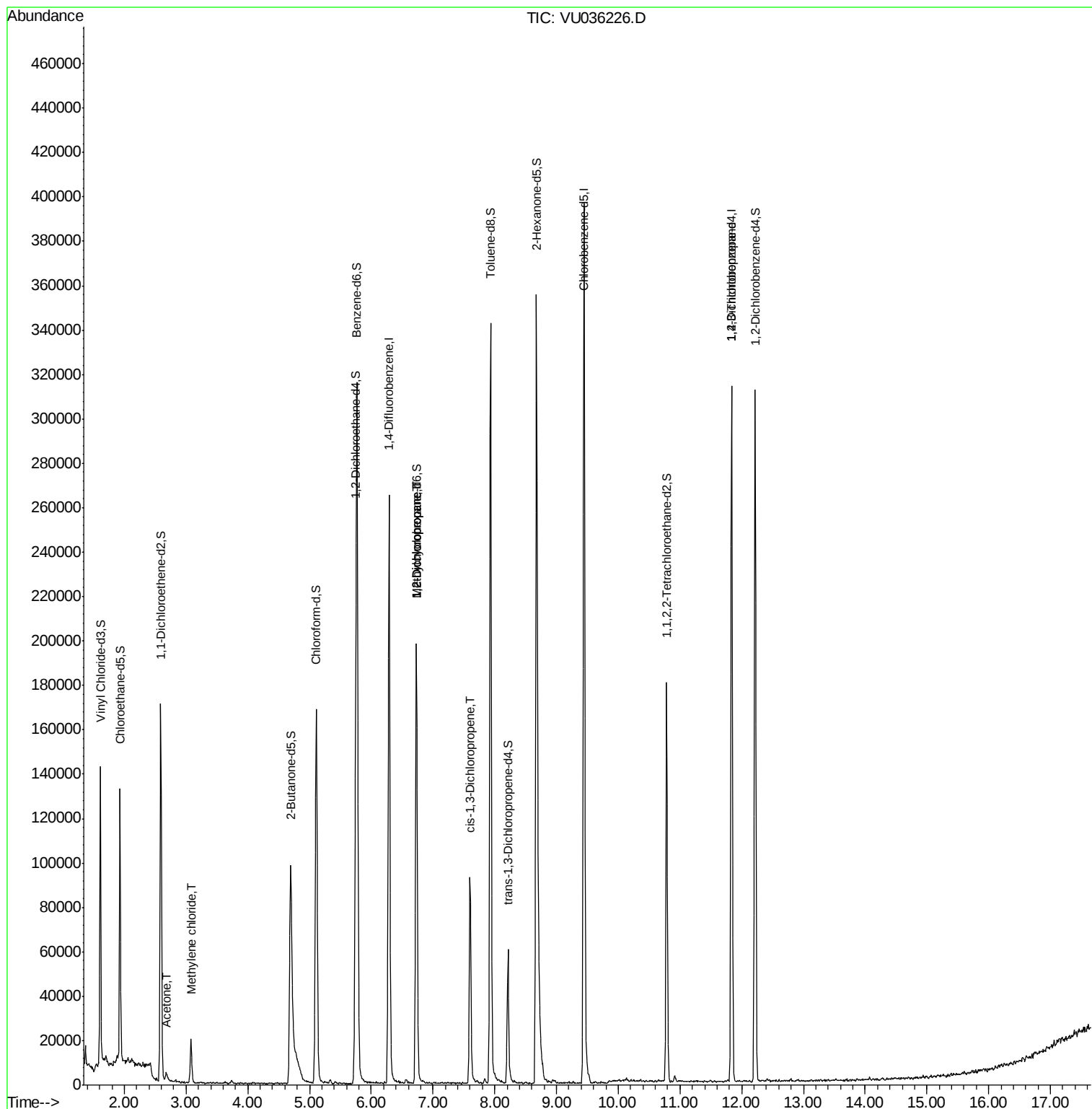
					Qvalue
13) Acetone	2.68	43	5894	1.903 ug/L	96
16) Methylene chloride	3.08	84	9155	0.390 ug/L	92
35) Methylcyclohexane	6.73	83	21977	0.816 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10544	0.563 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2954	0.116 ug/L	83
59) 1,2,3-Trichloropropane	11.84	75	10617	0.852 ug/L	98

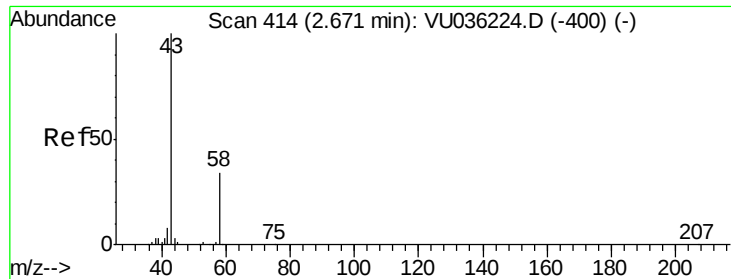
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.903 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

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Acq: 16 Dec 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

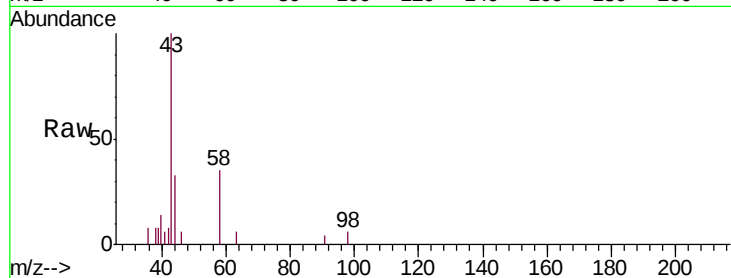
VHBLK01

Tgt Ion: 43 Resp: 5894

Ion Ratio Lower Upper

43 100

58 31.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036226.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036226.D (-400) (-)

2.68

2500

2000

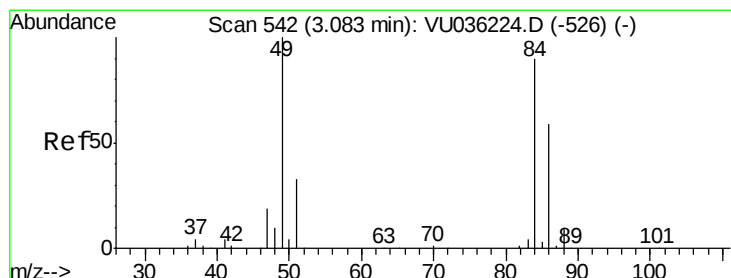
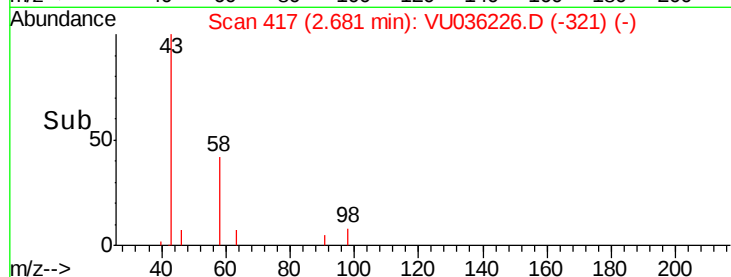
1500

1000

500

0

Time--> 2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.390 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036226.D

Acq: 16 Dec 2019 12:01

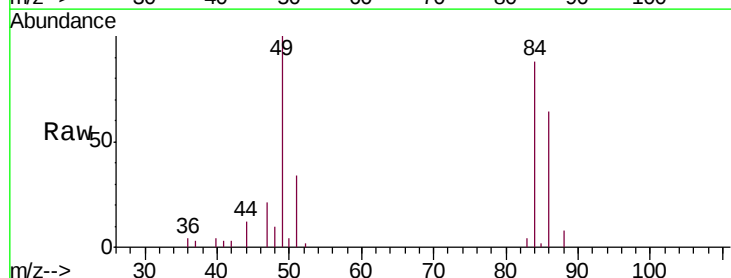
Tgt Ion: 84 Resp: 9155

Ion Ratio Lower Upper

84 100

86 73.2 43.0 79.8

49 114.0 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036226.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VU036226.D (-449) (-)

Ion 49.10 (48.80 to 49.80): VU036226.D (-449) (-)

3.08

8000

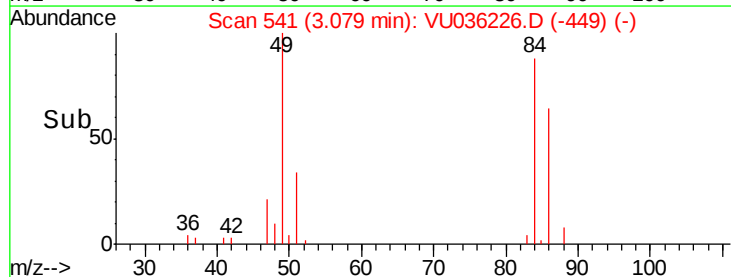
6000

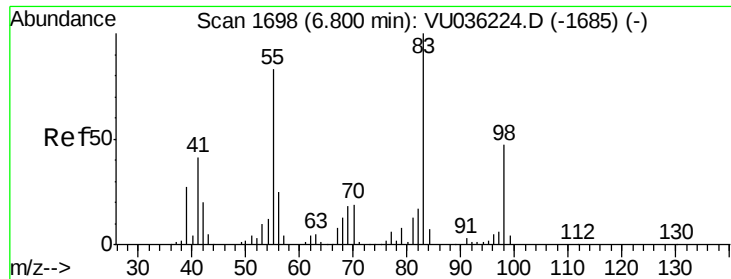
4000

2000

0

Time--> 3.00 3.05 3.10 3.15





#35

Methylcyclohexane

Concen: 0.816 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

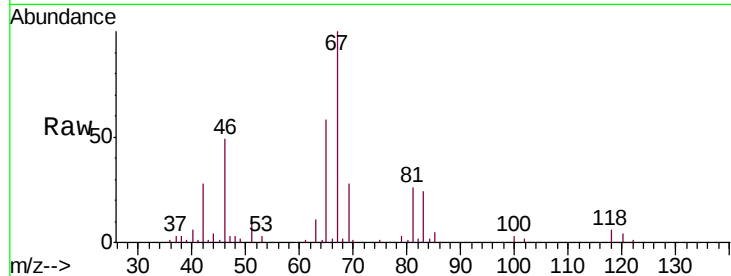
Tgt Ion: 83 Resp: 21977

Ion Ratio Lower Upper

83 100

55 0.1 62.6 94.0#

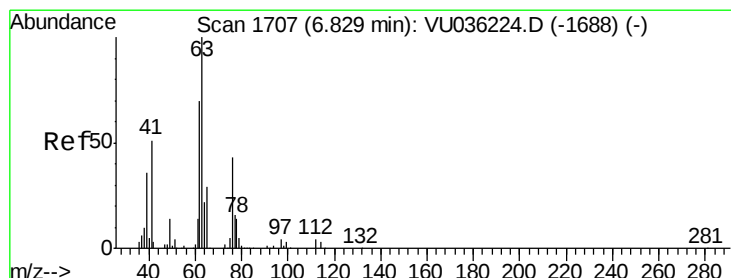
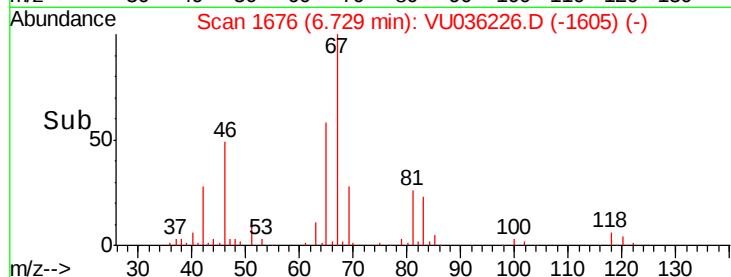
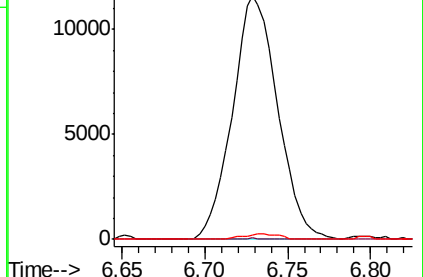
98 1.8 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU036226.D (-1676) (-)

Ion 55.10 (54.80 to 55.80): VU036226.D (-1676) (-)

Ion 98.15 (97.85 to 98.85): VU036226.D (-1676) (-)



#37

1,2-Dichloropropane

Concen: 0.563 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036226.D

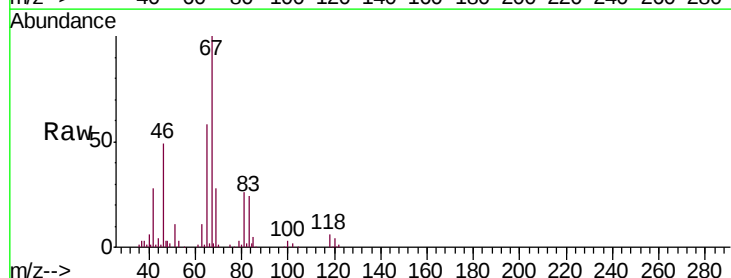
Acq: 16 Dec 2019 12:01

Tgt Ion: 63 Resp: 10544

Ion Ratio Lower Upper

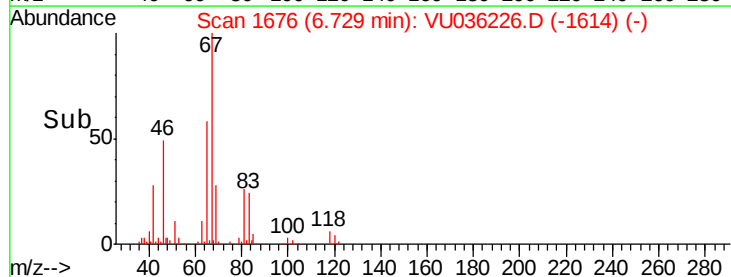
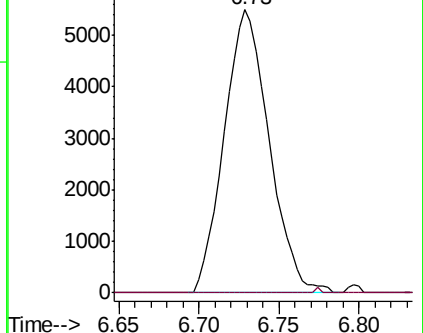
63 100

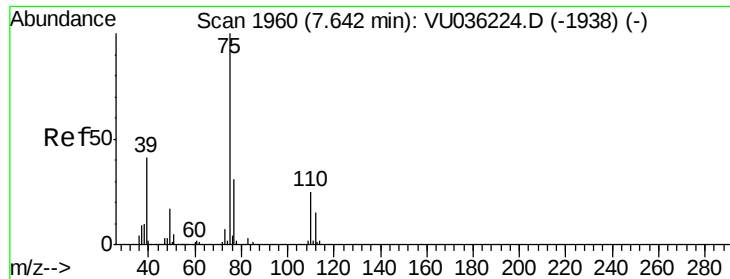
112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036226.D (-1676) (-)

Ion 112.10 (111.80 to 112.80): VU036226.D (-1676) (-)



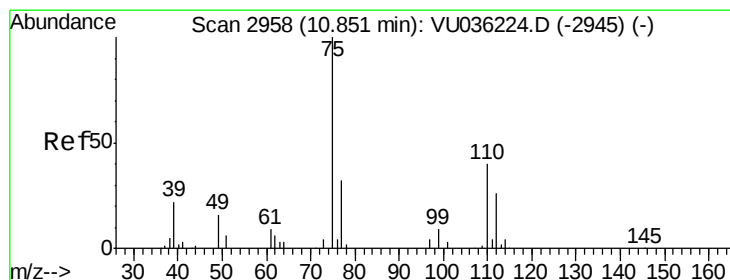
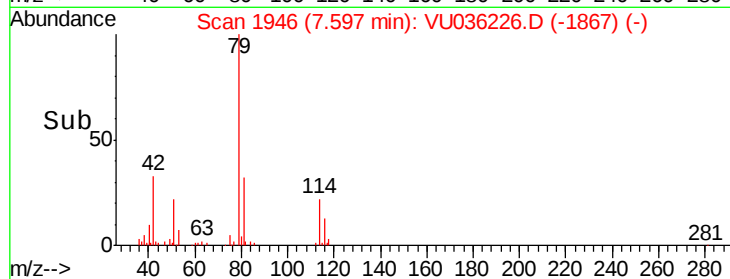
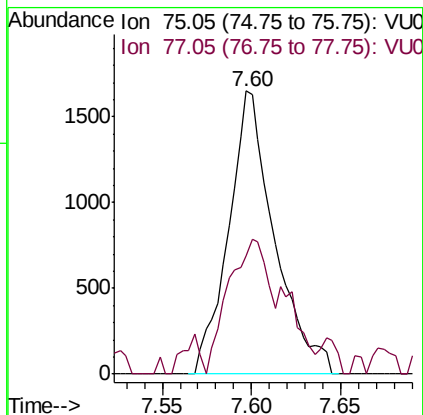
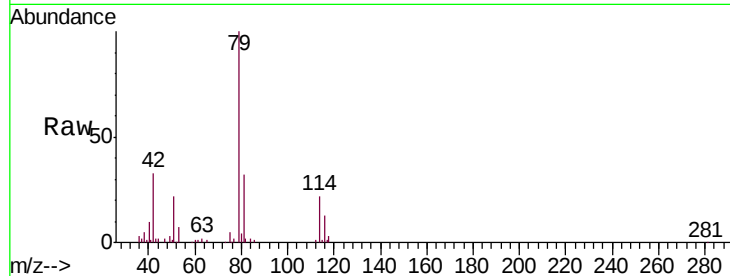


#39

cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036226.D
 Acq: 16 Dec 2019 12:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 2954
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.7 42.1



#59

1,2,3-Trichloropropane
 Concen: 0.852 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036226.D
 Acq: 16 Dec 2019 12:01

Tgt Ion: 75 Resp: 10617
 Ion Ratio Lower Upper
 75 100
 77 35.3 27.2 40.8

