

Data File : VU036787.D
Acq On : 14 Feb 2020 15:19
Operator : JC/MD
Sample : L1539-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK2

Quant Time: Feb 14 23:43:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125141	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	117382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43555	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	42622	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	61661	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	119058	52.75	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.50%
24) Chloroform-d	5.11	84	78444	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.74	65	45904	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	170271	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.73	67	56250	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.93	98	151130	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.20	79	19818	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.66	63	100661	50.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41901	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	47362	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

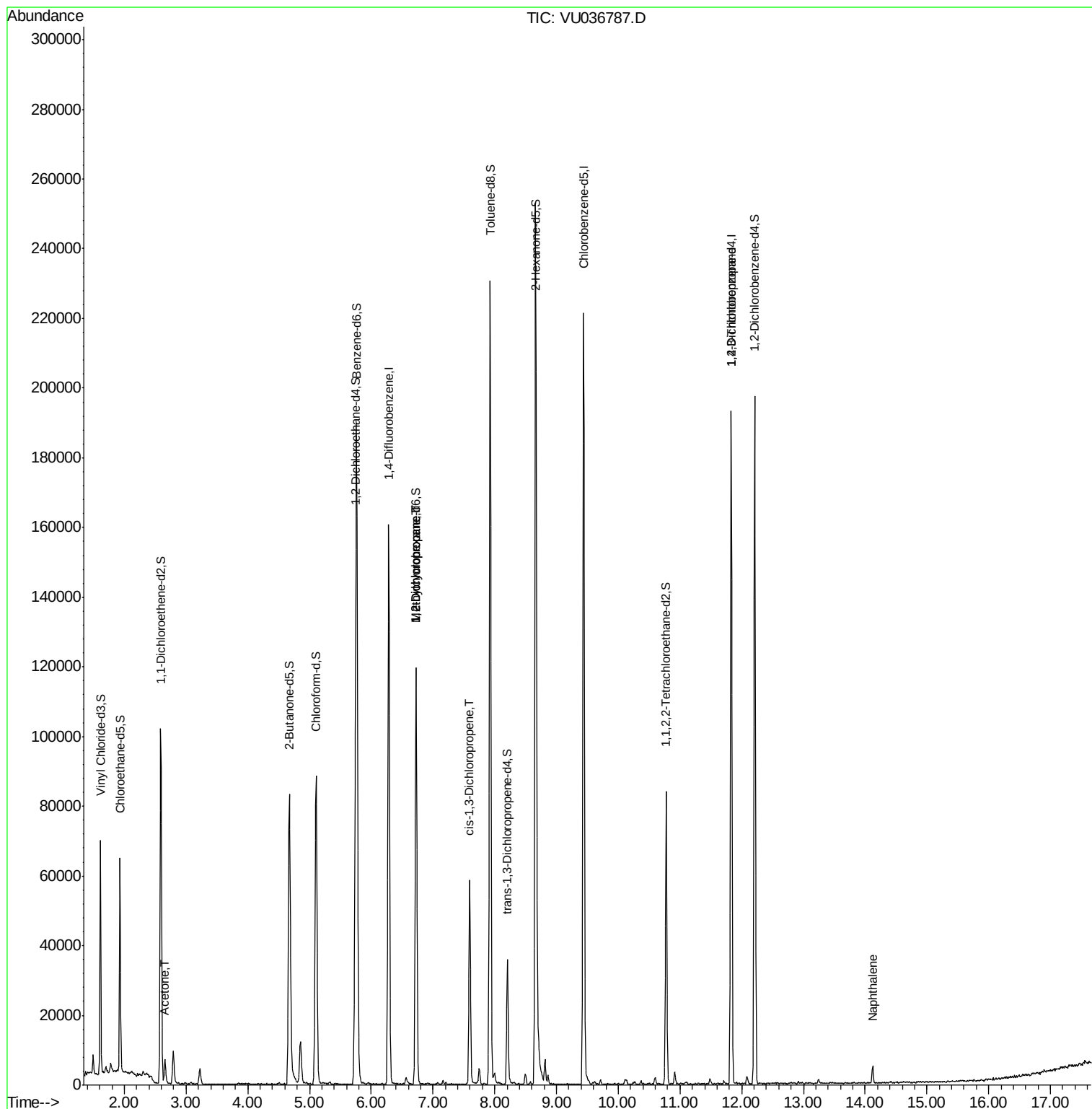
					Qvalue
13) Acetone	2.66	43	7655	2.653 ug/L	97
35) Methylcyclohexane	6.73	83	12295	0.840 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6283	0.636 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1329	0.093 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	7292	1.117 ug/L	95
69) Naphthalene	14.12	128	4635	0.298 ug/L #	94

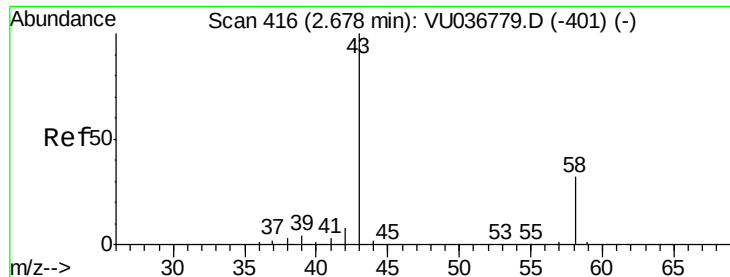
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.653 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

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Acq: 14 Feb 2020 15:19

Instrument :

MSVOA_U

ClientSampleId :

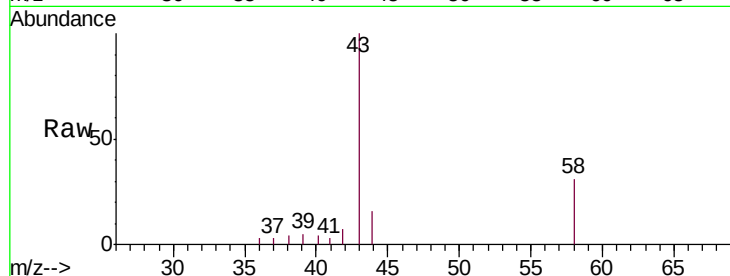
C0AK2

Tgt Ion: 43 Resp: 7655

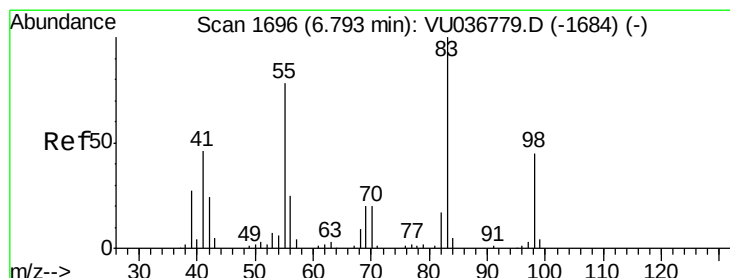
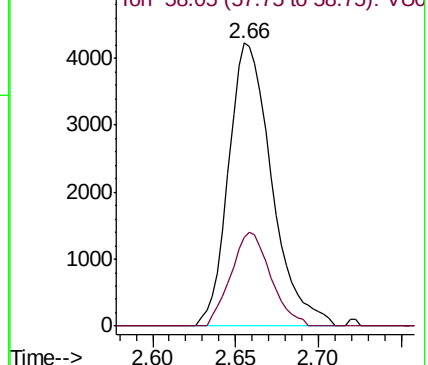
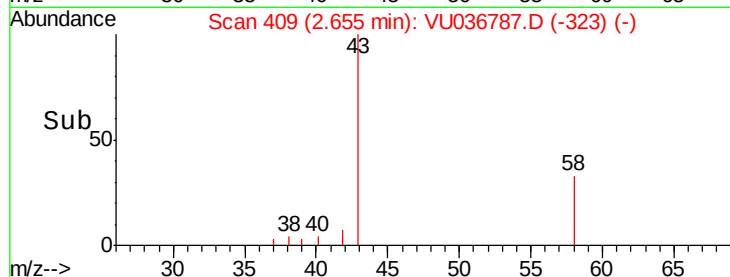
Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036787.D (-323) (-)



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036787.D

Acq: 14 Feb 2020 15:19

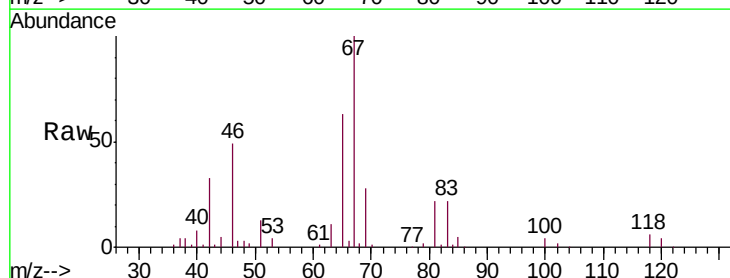
Tgt Ion: 83 Resp: 12295

Ion Ratio Lower Upper

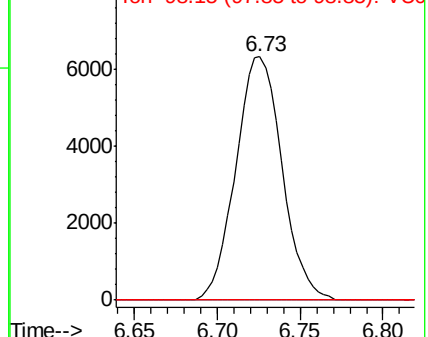
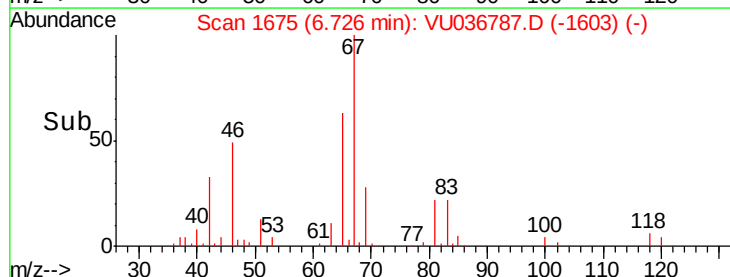
83 100

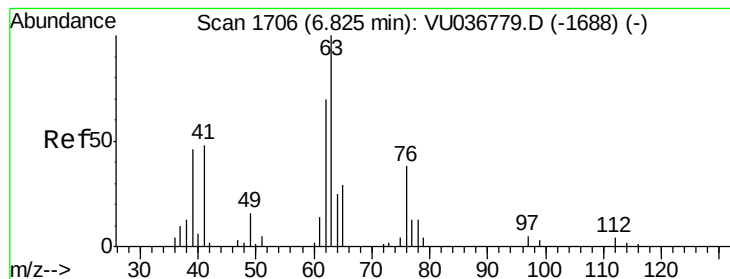
55 0.7 61.0 91.4#

98 0.2 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036787.D (-1603) (-)





#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036787.D

Acq: 14 Feb 2020 15:19

Instrument :

MSVOA_U

ClientSampled :

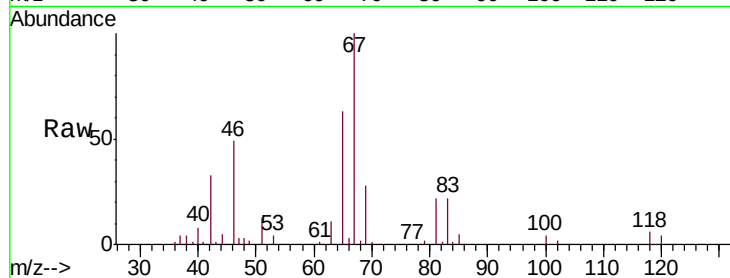
C0AK2

Tgt Ion: 63 Resp: 6283

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036787.D (-1675) (-)

Ion 112.10 (111.80 to 112.80): VU036787.D (-1675) (-)

6.73

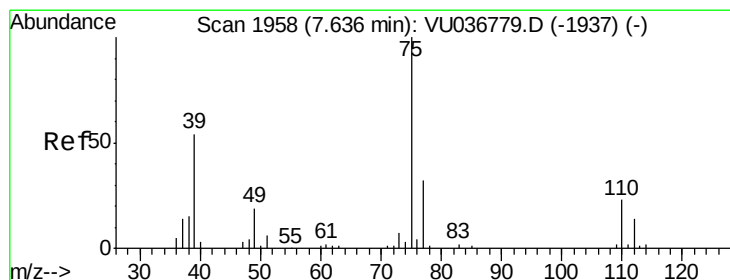
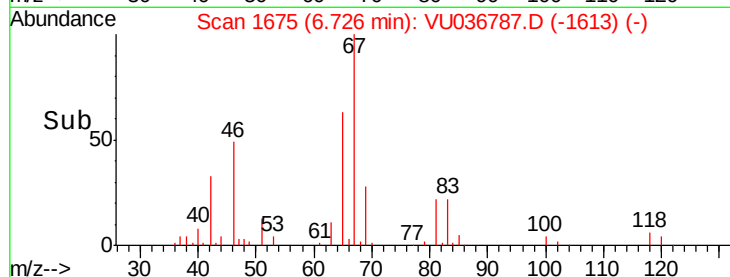
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036787.D

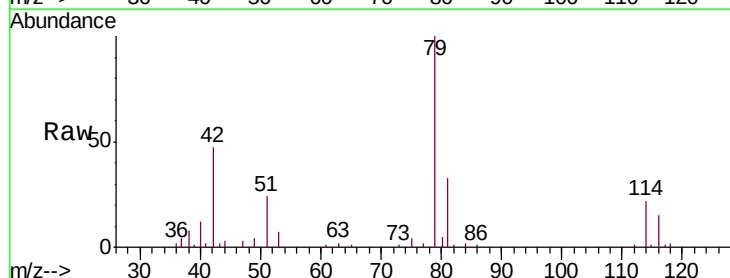
Acq: 14 Feb 2020 15:19

Tgt Ion: 75 Resp: 1329

Ion Ratio Lower Upper

75 100

77 51.0 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036787.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU036787.D (-1865) (-)

7.59

1000

800

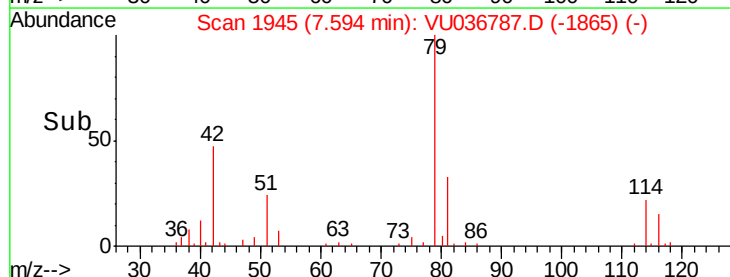
600

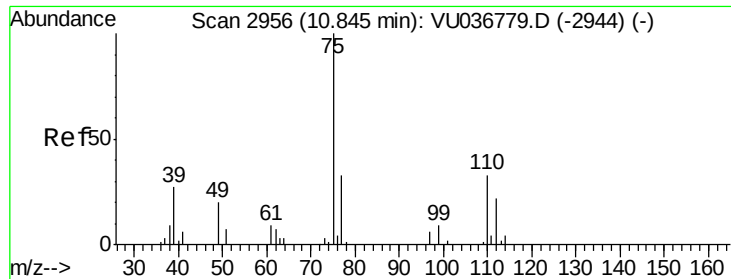
400

200

0

Time-->

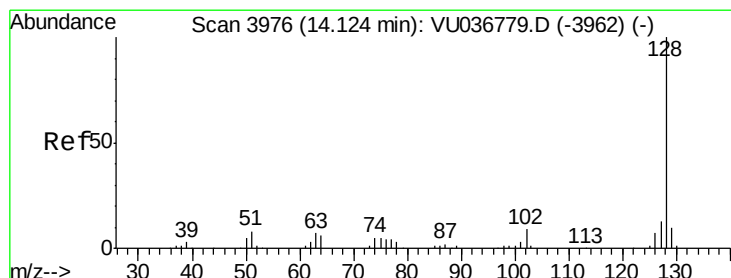
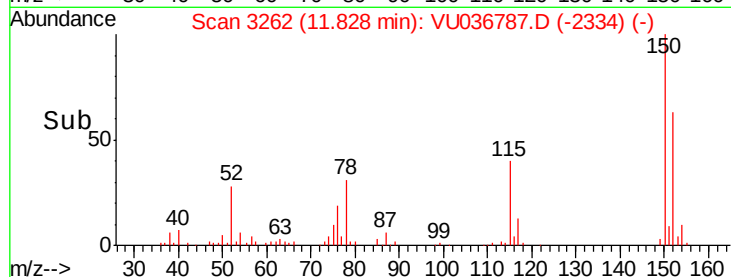
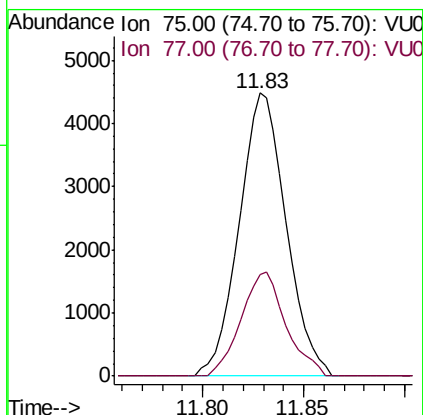
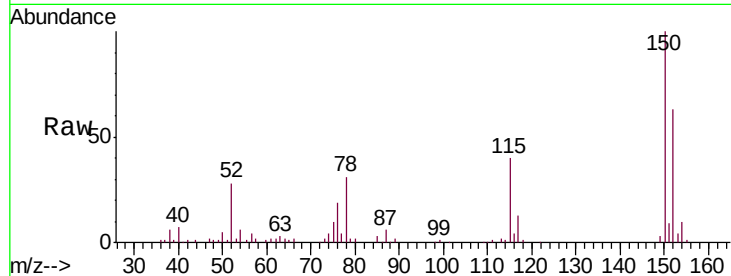




#59
 1,2,3-Trichloropropane
 Concen: 1.117 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036787.D
 Acq: 14 Feb 2020 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK2

Tgt Ion: 75 Resp: 7292
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.6 38.4



#69
 Naphthalene
 Concen: 0.298 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU036787.D
 Acq: 14 Feb 2020 15:19

Tgt Ion: 128 Resp: 4635
 Ion Ratio Lower Upper
 128 100
 129 9.7 9.0 13.4
 127 10.5 10.8 16.2#

