

Data File : VU035911.D
Acq On : 29 Nov 2019 10:30
Operator : JC/SP
Sample : K6083-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA1

Quant Time: Nov 30 03:22:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133293	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	130600	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	162506	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.70	46	331383	47.50	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	5.11	84	234119	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.75	65	132226	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.77	84	440584	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.73	67	156150	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	345169	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.21	79	51250	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.68	63	250286	45.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	128297	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	101813	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

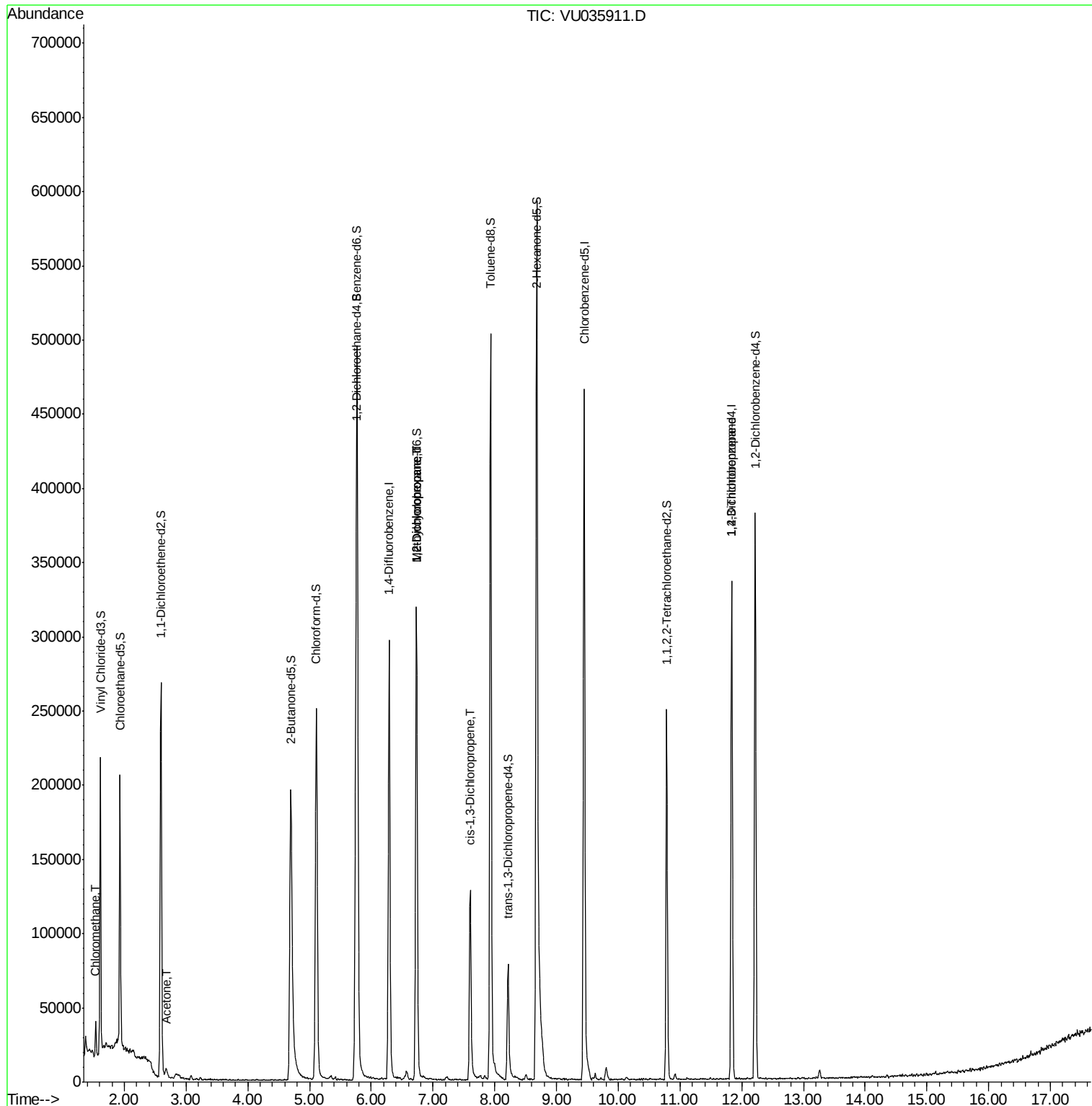
Target Compounds					Qvalue
3) Chloromethane	1.54	50	17281	0.449 ug/L	97
13) Acetone	2.68	43	8530	1.392 ug/L	98
35) Methylcyclohexane	6.73	83	35324	0.867 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16882	0.526 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	3376	0.081 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	13167	0.631 ug/L	98

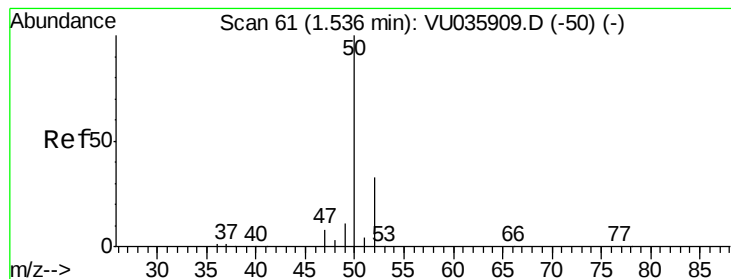
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.449 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

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Acq: 29 Nov 2019 10:30

Instrument :

MSVOA_U

ClientSampleId :

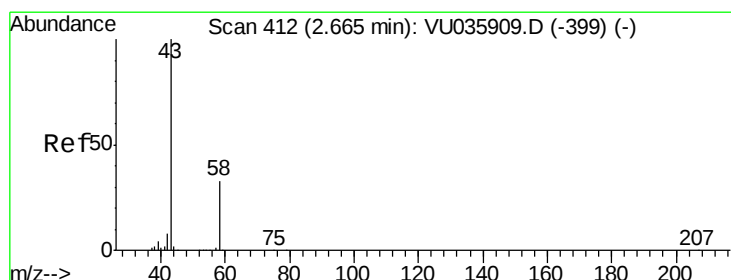
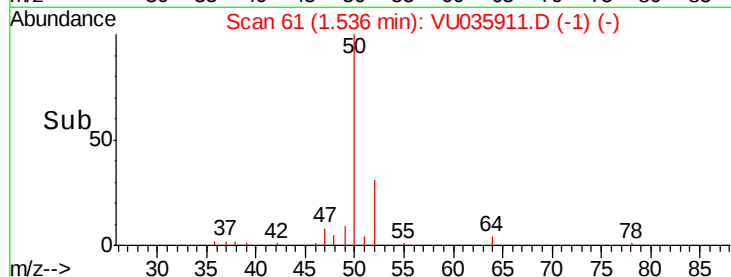
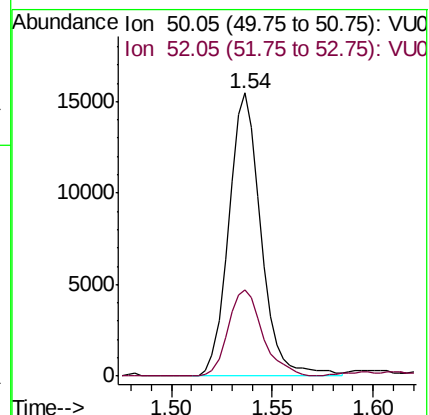
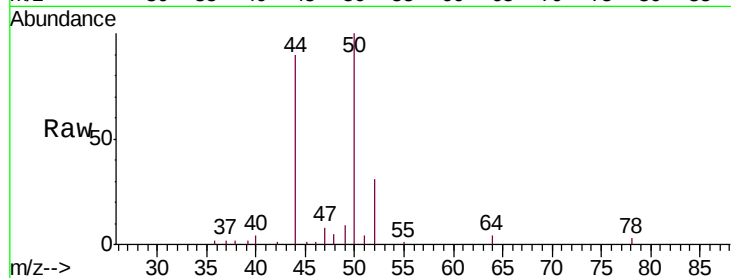
C0AA1

Tgt Ion: 50 Resp: 17281

Ion Ratio Lower Upper

50 100

52 30.7 22.7 42.3



#13

Acetone

Concen: 1.392 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

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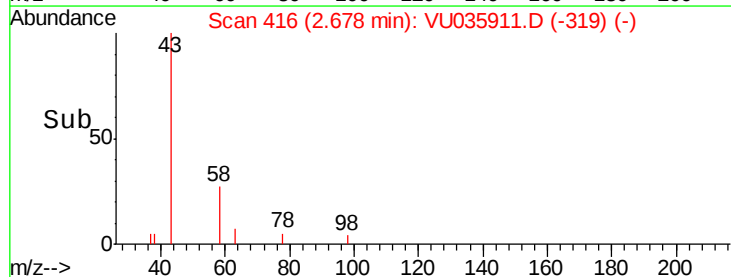
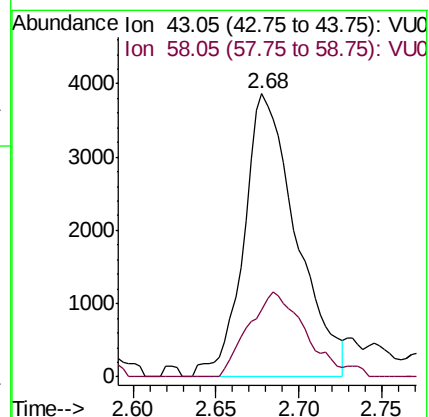
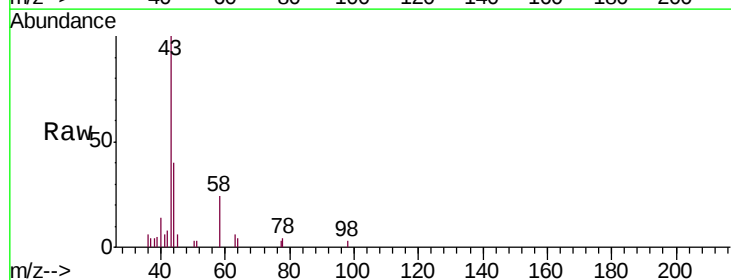
Acq: 29 Nov 2019 10:30

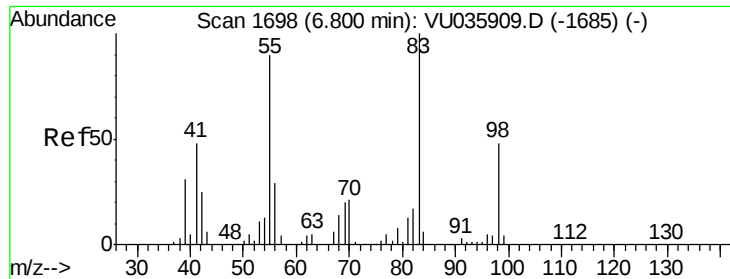
Tgt Ion: 43 Resp: 8530

Ion Ratio Lower Upper

43 100

58 31.9 0.0 61.2





#35

Methylcyclohexane

Concen: 0.867 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035911.D

Acq: 29 Nov 2019 10:30

Instrument :

MSVOA_U

ClientSampleId :

C0AA1

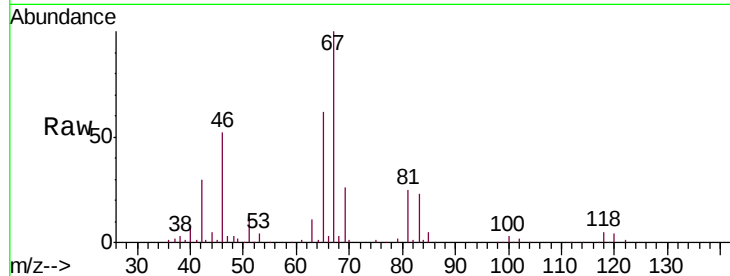
Tgt Ion: 83 Resp: 35324

Ion Ratio Lower Upper

83 100

55 0.3 72.7 109.1#

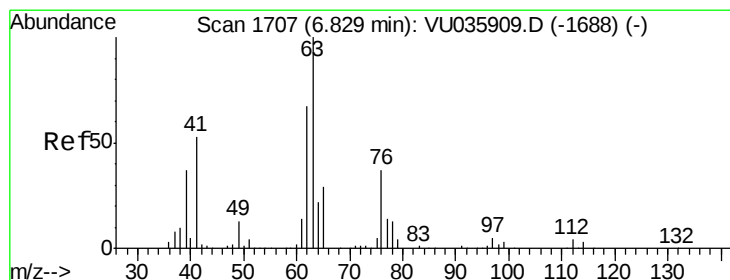
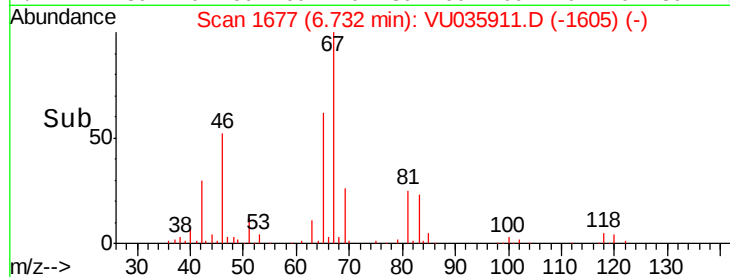
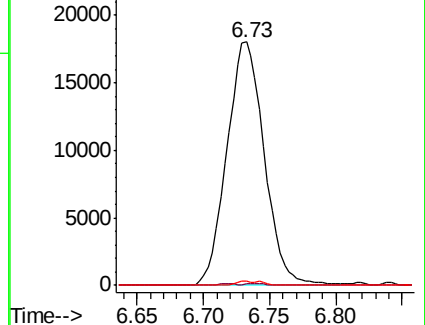
98 1.1 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VU035911.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU035911.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU035911.D (-1677) (-)



#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035911.D

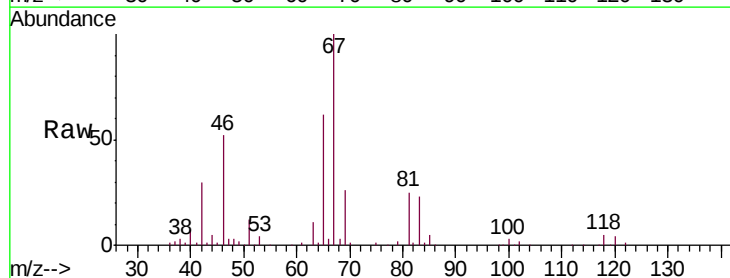
Acq: 29 Nov 2019 10:30

Tgt Ion: 63 Resp: 16882

Ion Ratio Lower Upper

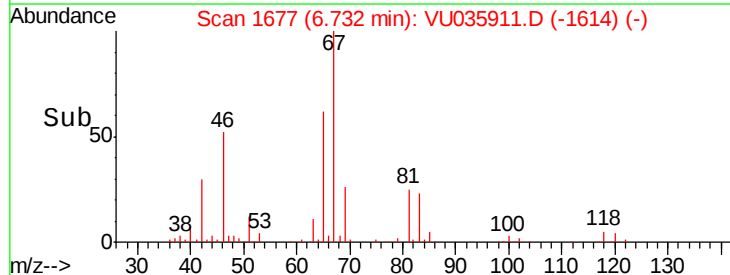
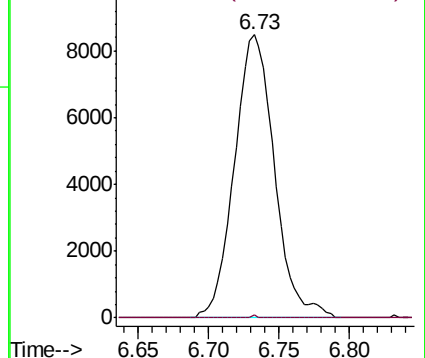
63 100

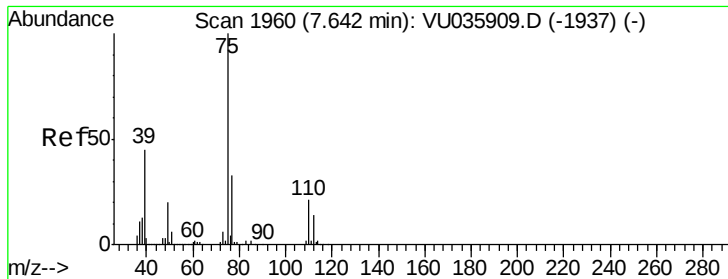
112 0.1 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU035911.D (-1677) (-)

Ion 112.10 (111.80 to 112.80): VU035911.D (-1677) (-)



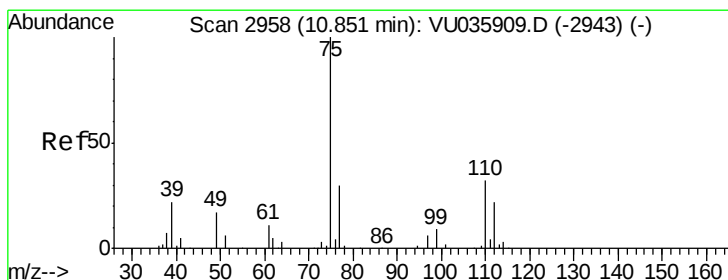
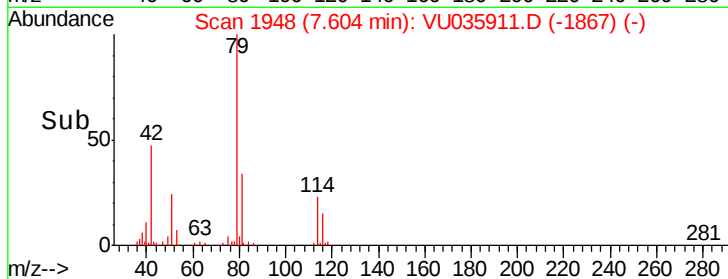
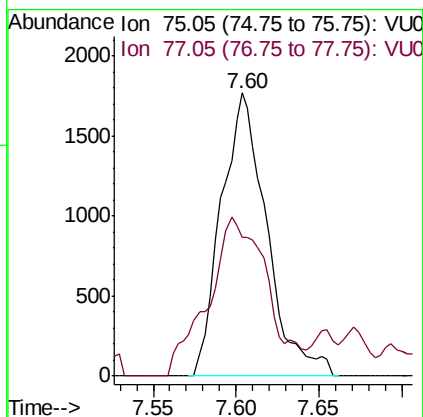
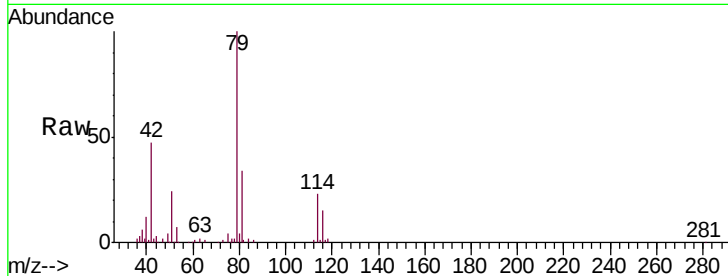


#39

cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035911.D
 Acq: 29 Nov 2019 10:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA1

Tgt Ion: 75 Resp: 3376
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.1 41.1#



#59

1,2,3-Trichloropropane
 Concen: 0.631 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU035911.D
 Acq: 29 Nov 2019 10:30

Tgt Ion: 75 Resp: 13167
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2

