

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082620\
 Data File : VU039981.D
 Acq On : 26 Aug 2020 13:21
 Operator : SY/MD
 Sample : L3807-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFW55

Quant Time: Aug 27 00:52:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 27 00:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25623	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.92	69	22905	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	41276	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.66	46	94231	47.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.82%
24) Chloroform-d	5.08	84	56204	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	34564	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.75	84	103493	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.70	67	34730	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.91	98	87583	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.19	79	13354	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	65721	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27091	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35215	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

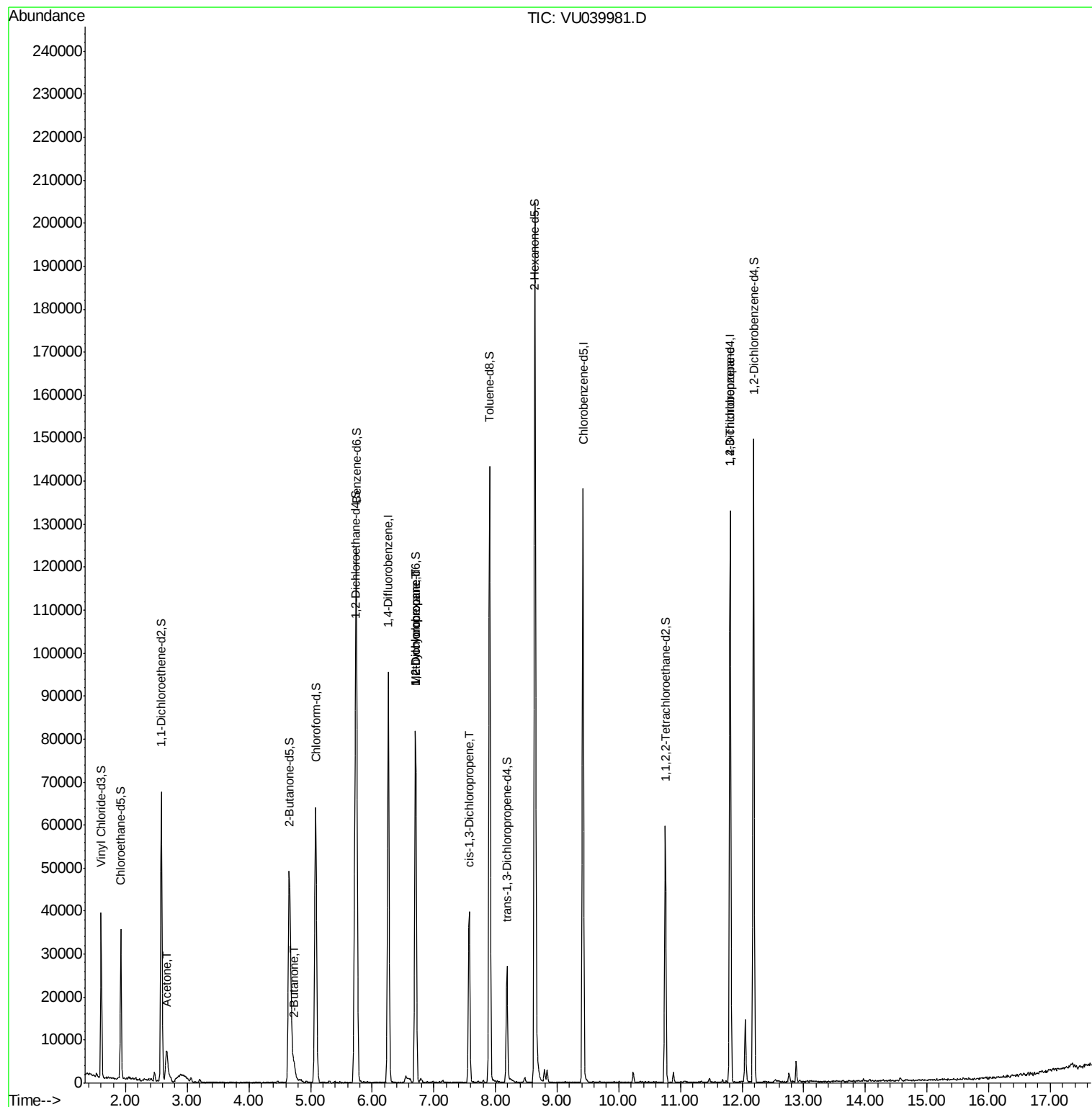
					Ovalue
13) Acetone	2.67	43	13774	10.250	ug/L # 42
21) 2-Butanone	4.74	43	4210	1.803	ug/L 82
35) Methylcyclohexane	6.71	83	8508	0.873	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	4520	0.694	ug/L # 85
39) cis-1,3-Dichloropropene	7.57	75	938	0.103	ug/L 84
59) 1,2,3-Trichloropropane	11.81	75	4422	0.948	ug/L # 86

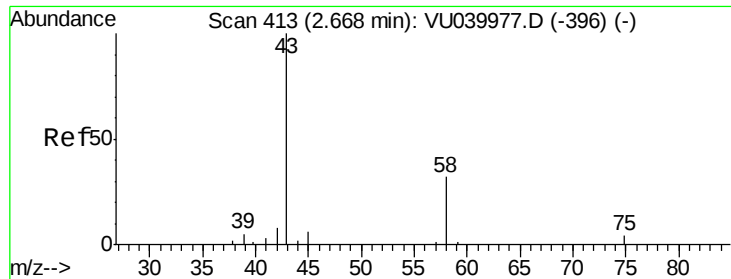
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BFWS5

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 27 00:51:02 2020
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#13

Acetone

Concen: 10.250 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU039981.D

Acq: 26 Aug 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

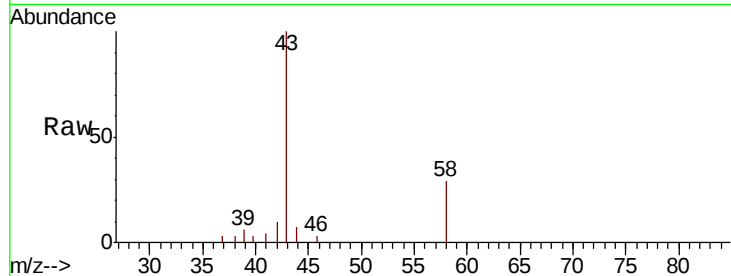
BFWS5

Tot Ion: 43 Resp: 13774

Ion Ratio Lower Upper

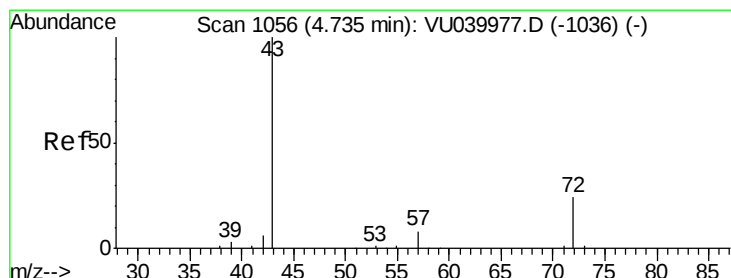
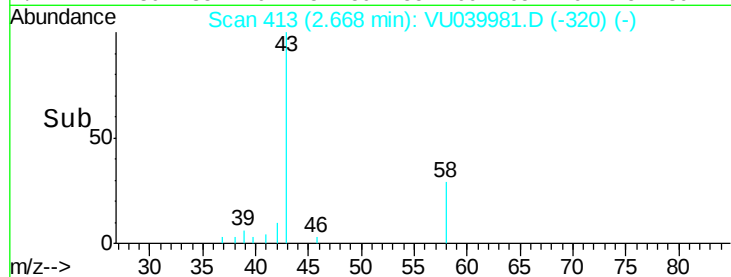
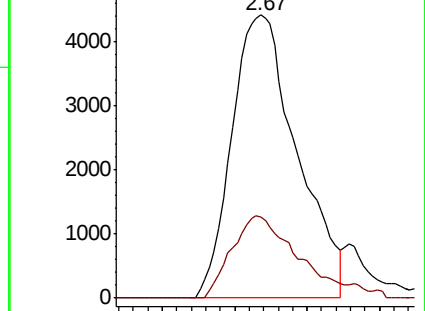
43 100

58 30.7 0.0 19.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039981.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU039981.D (-320) (-)



#21

2-Butanone

Concen: 1.803 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VU039981.D

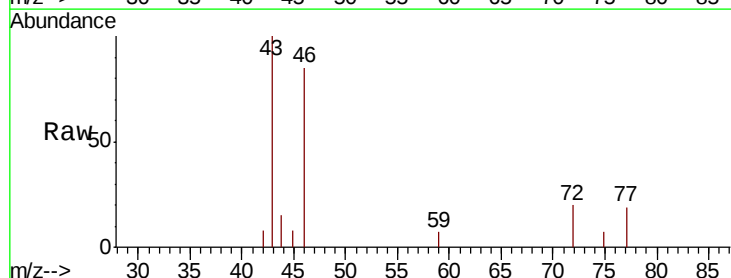
Acq: 26 Aug 2020 13:21

Tgt Ion: 43 Resp: 4210

Ion Ratio Lower Upper

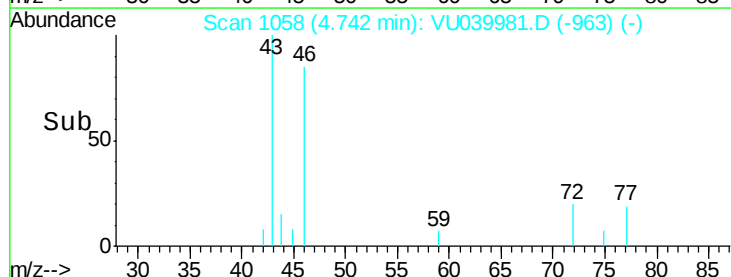
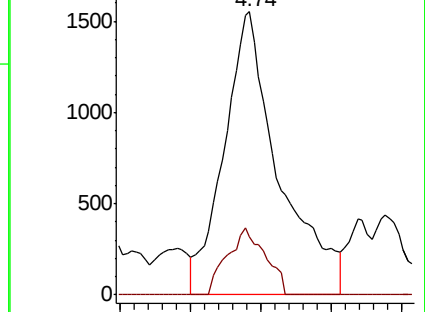
43 100

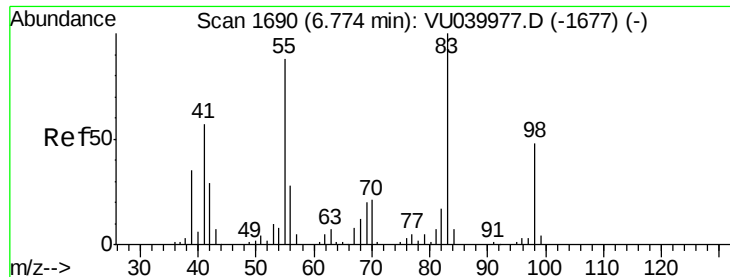
72 16.4 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039981.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VU039981.D (-963) (-)

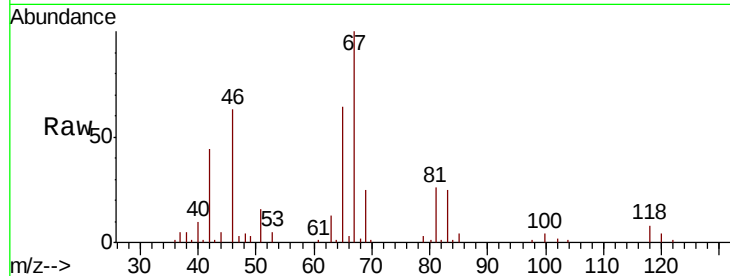




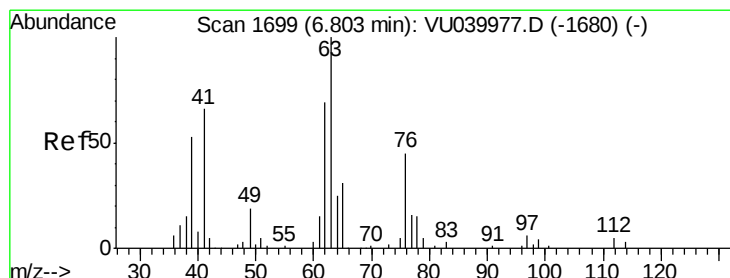
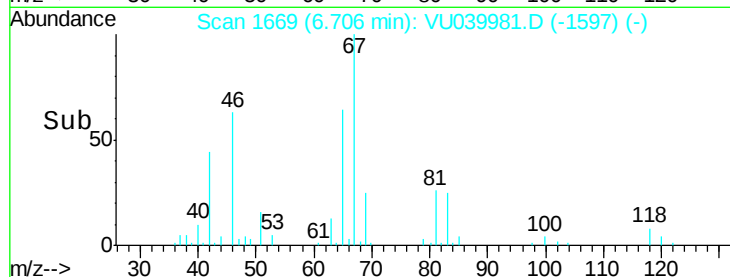
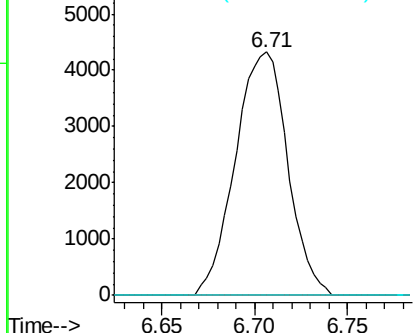
#35
Methvlcvclohexane
Concen: 0.873 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039981.D
Acq: 26 Aug 2020 13:21

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MSVOA_U
ClientSampleId :
BFWS5

Tot Ion: 83 Resp: 8508
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 1.5 39.4 59.0#

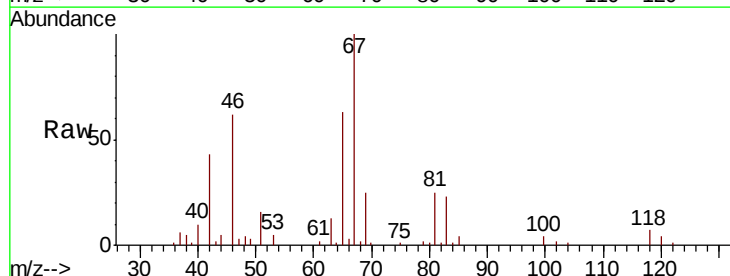


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

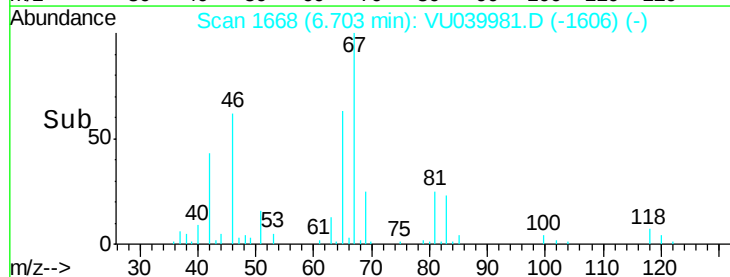
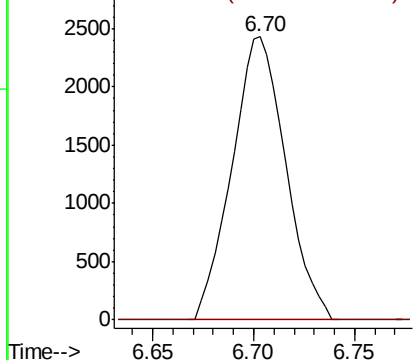


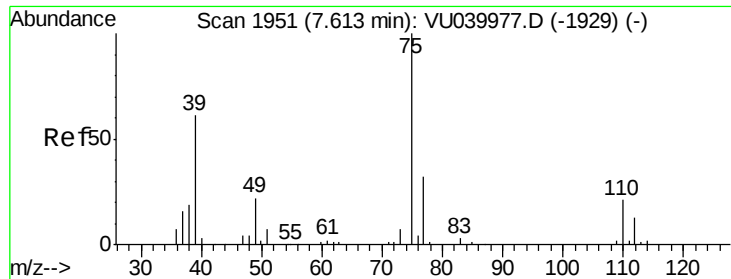
#37
1,2-Dichloropropane
Concen: 0.694 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039981.D
Acq: 26 Aug 2020 13:21

Tgt Ion: 63 Resp: 4520
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

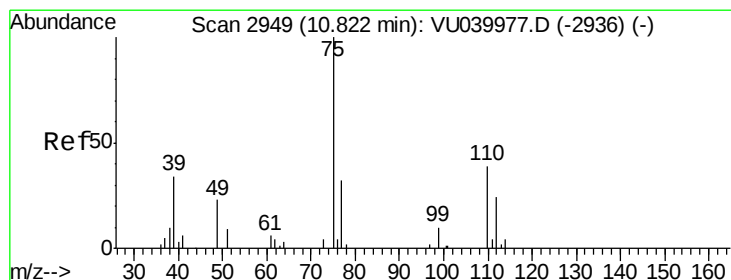
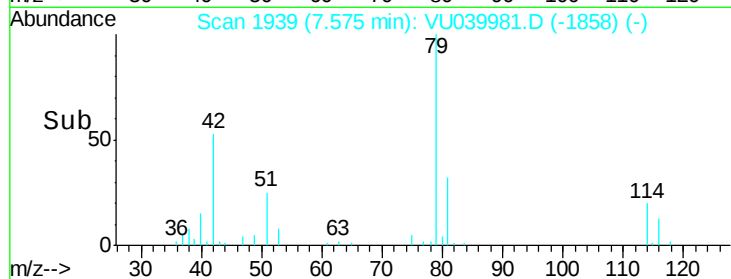
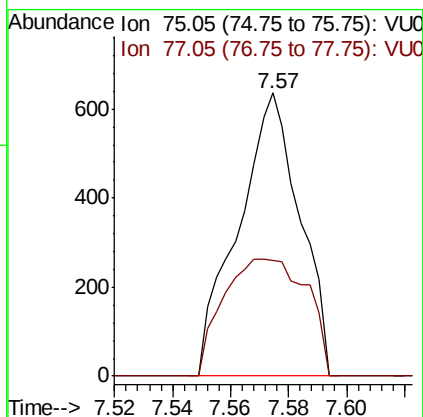
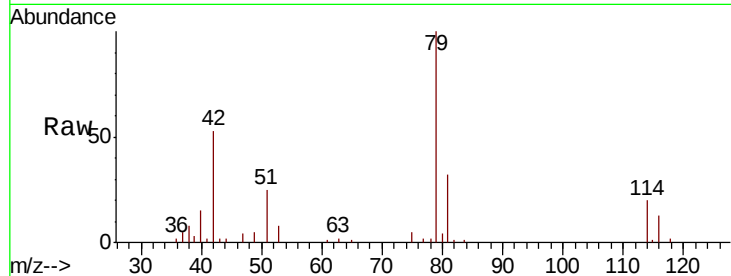




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039981.D
 Acq: 26 Aug 2020 13:21

Instrument :
 MSVOA_U
 ClientSampleID :
 BFWS5

Tot Ion: 75 Resp: 938
 Ion Ratio Lower Upper
 75 100
 77 41.0 22.6 42.0



#59
 1,2,3-Trichloropropane
 Concen: 0.948 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039981.D
 Acq: 26 Aug 2020 13:21

Tgt Ion: 75 Resp: 4422
 Ion Ratio Lower Upper
 75 100
 77 42.2 27.4 41.2#

