

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037752.D
 Acq On : 16 Apr 2020 14:14
 Operator : JC/MD
 Sample : L2292-06
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:35:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 01:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	275130	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	266949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94772	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	83554	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.59	63	125444	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.66	46	306474	53.60	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.20%
24) Chloroform-d	5.10	84	158307	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.74	65	98112	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.76	84	346182	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.72	67	116086	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.92	98	321606	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.20	79	48219	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.65	63	263888	48.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90474	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	115134	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

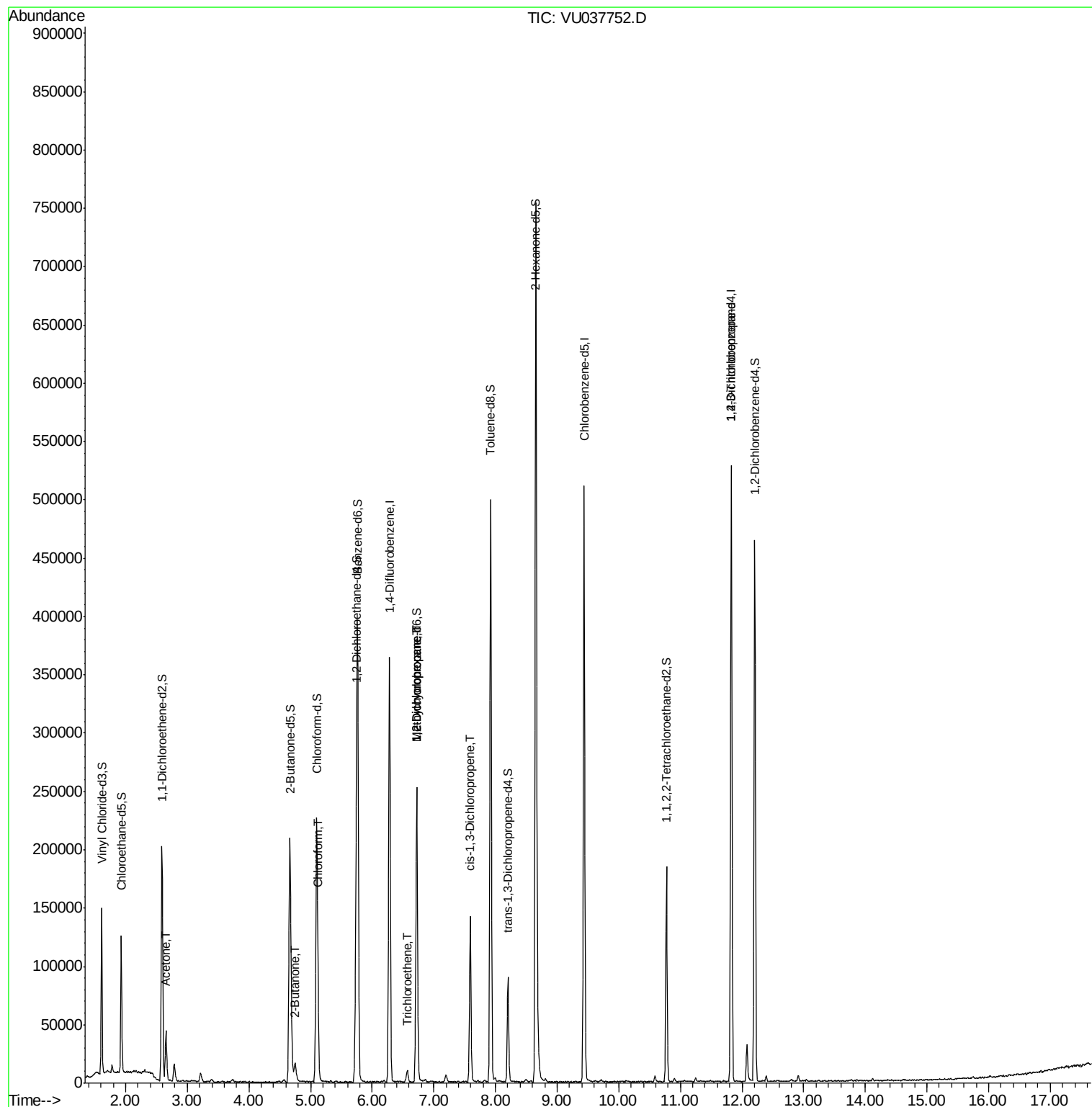
					Ovalue
13) Acetone	2.66	43	46067	12.220	ug/L 98
21) 2-Butanone	4.75	43	22734	3.319	ug/L 95
25) Chloroform	5.13	83	7005	0.185	ug/L 91
34) Trichloroethene	6.57	95	2738	0.126	ug/L 83
35) Methylcyclohexane	6.72	83	25769	0.678	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	12425	0.531	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	3156	0.086	ug/L # 60
59) 1,2,3-Trichloropropane	11.83	75	18430	1.204	ug/L 94

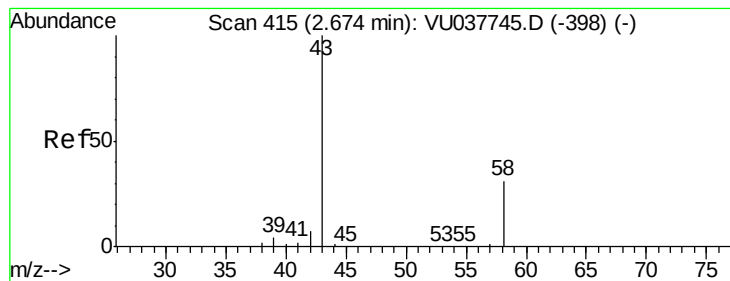
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 17 01:29:02 2020
Response via : Initial Calibration





#13

Acetone

Concen: 12.220 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU037752.D

Acq: 16 Apr 2020 14:14

Instrument :

MSVOA_U

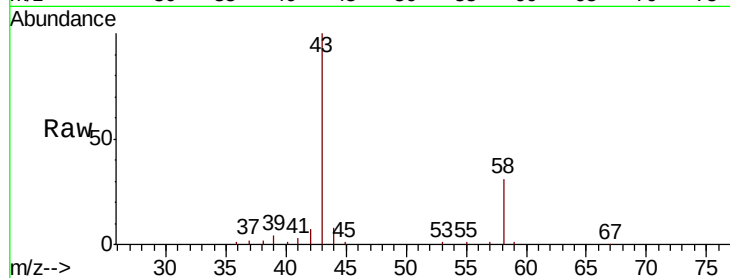
ClientSampleId :

Tot Ion: 43 Resp: 46067

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037752.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU037752.D (-322) (-)

2.66

30000

25000

20000

15000

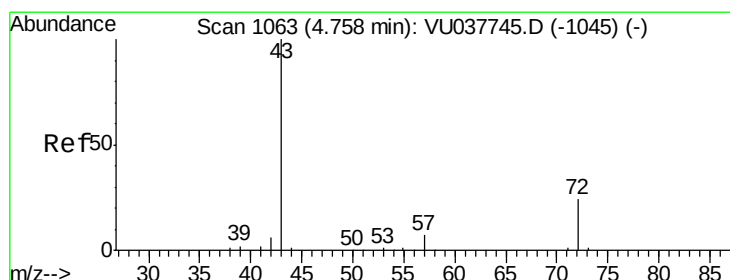
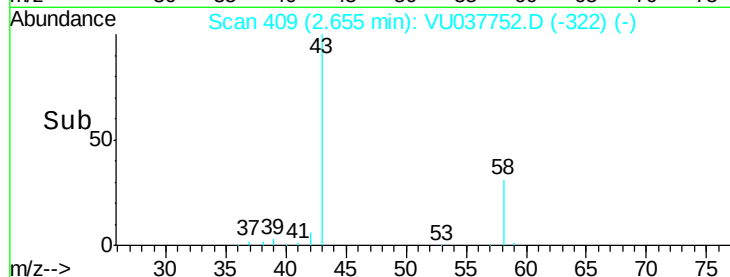
10000

5000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#21

2-Butanone

Concen: 3.319 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU037752.D

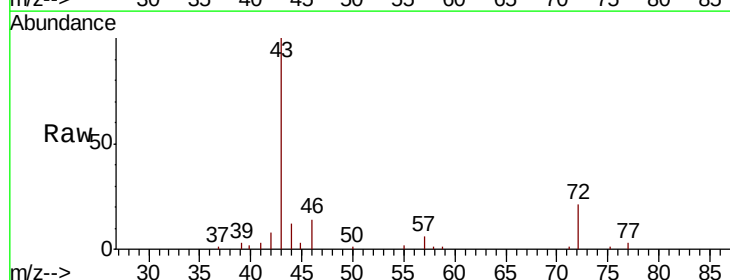
Acq: 16 Apr 2020 14:14

Tgt Ion: 43 Resp: 22734

Ion Ratio Lower Upper

43 100

72 22.6 12.6 37.6



Abundance Ion 43.05 (42.75 to 43.75): VU037752.D (-970) (-)

Ion 72.10 (71.80 to 72.80): VU037752.D (-970) (-)

4.75

10000

8000

6000

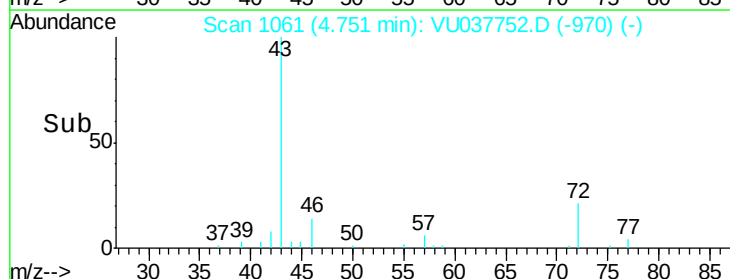
4000

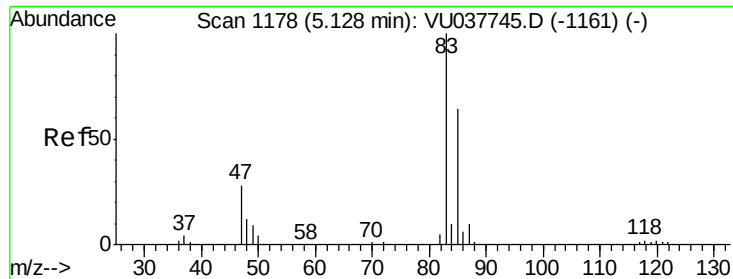
2000

0

Time-->

4.65 4.70 4.75 4.80 4.85

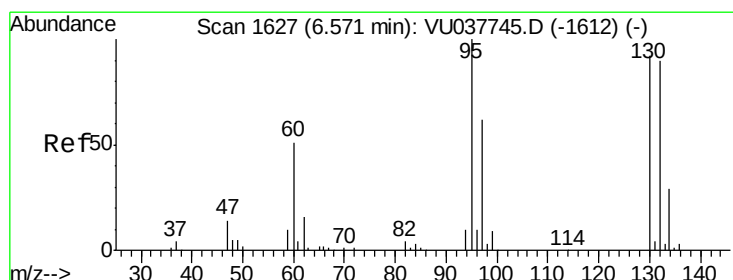
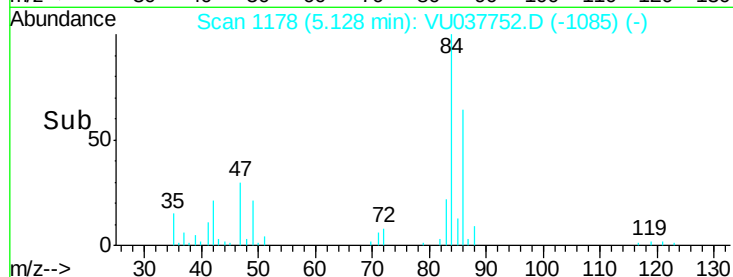
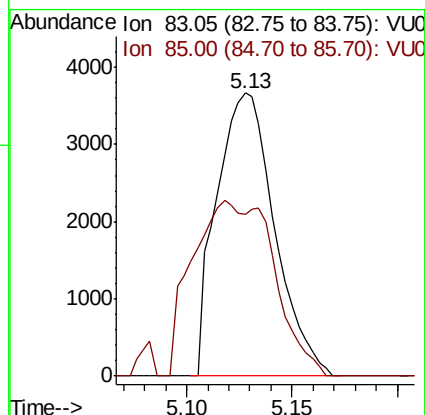
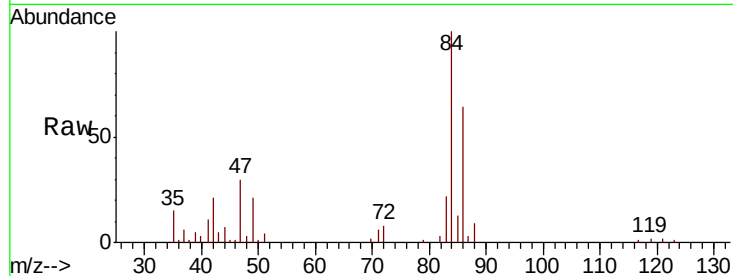




#25
Chloroform
Concen: 0.185 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037752.D
Acq: 16 Apr 2020 14:14

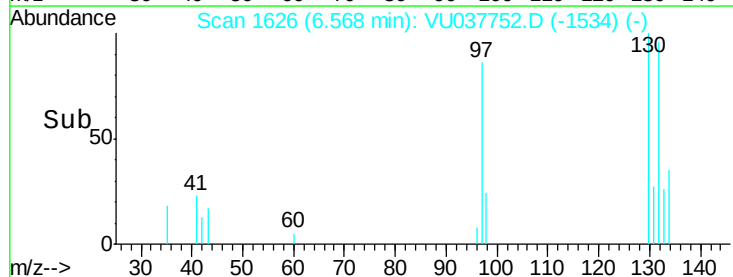
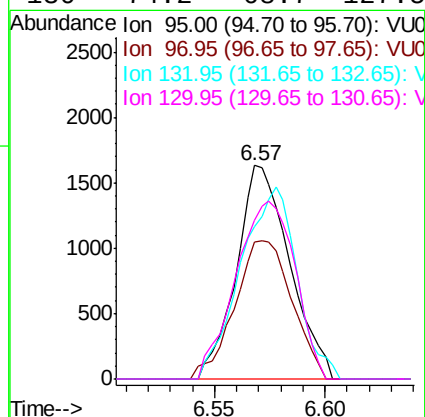
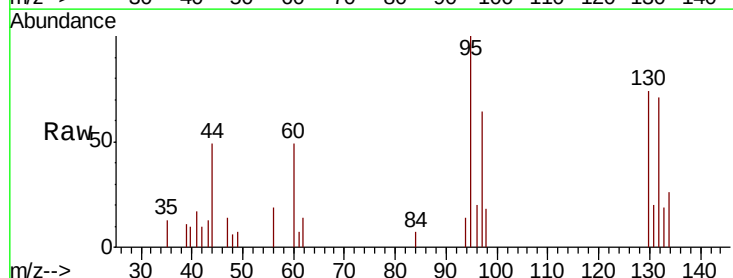
Instrument :
MSVOA_U
ClientSampleId :

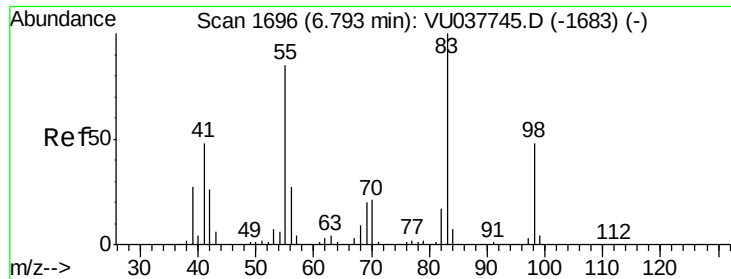
Tot Ion: 83 Resp: 7005
Ion Ratio Lower Upper
83 100
85 57.2 44.9 83.3



#34
Trichloroethene
Concen: 0.126 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU037752.D
Acq: 16 Apr 2020 14:14

Tgt Ion: 95 Resp: 2738
Ion Ratio Lower Upper
95 100
97 64.1 45.4 84.2
132 71.2 63.7 118.3
130 74.2 68.7 127.5

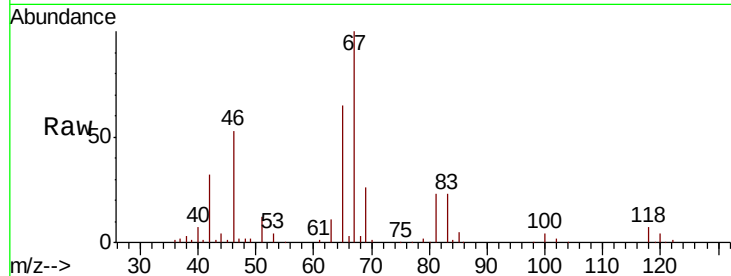




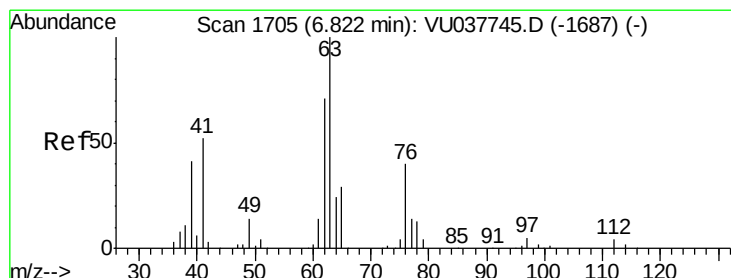
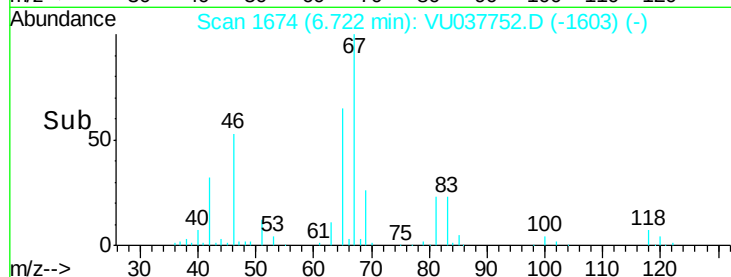
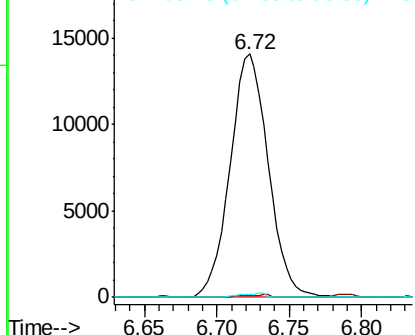
#35
Methylvlcyclohexane
Concen: 0.678 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037752.D
Acq: 16 Apr 2020 14:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 25769
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 1.0 38.2 57.4#

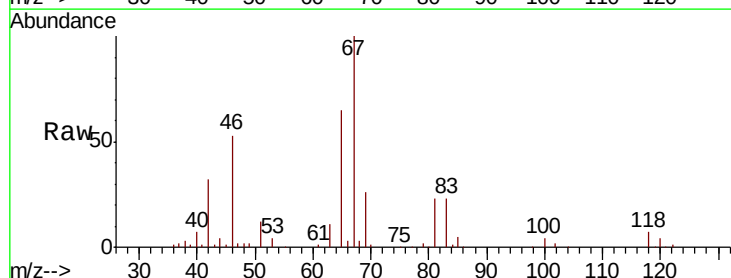


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

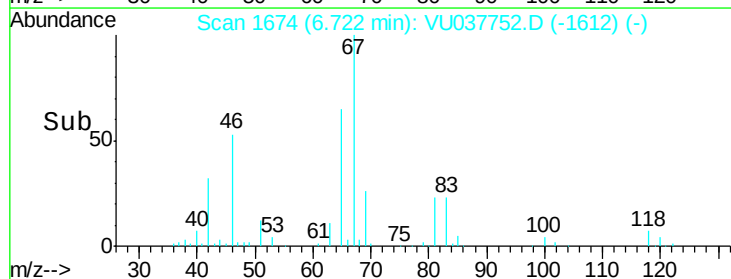
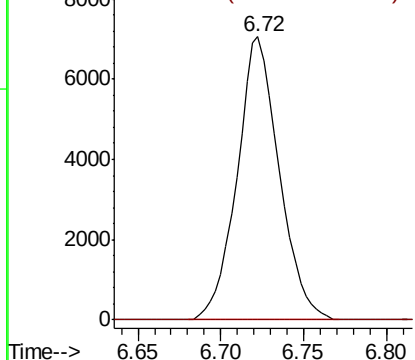


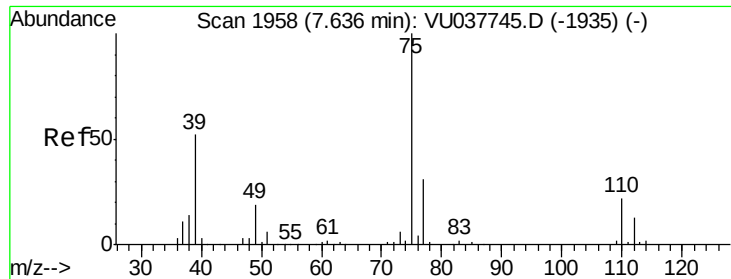
#37
1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037752.D
Acq: 16 Apr 2020 14:14

Tgt Ion: 63 Resp: 12425
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



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

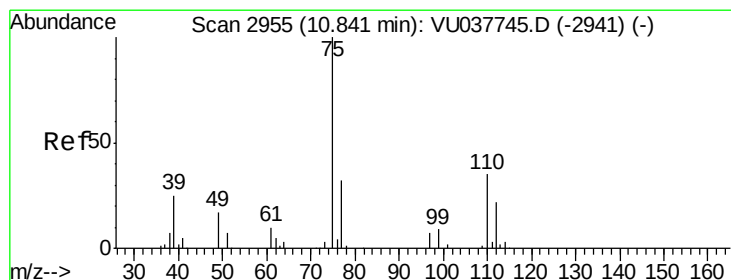
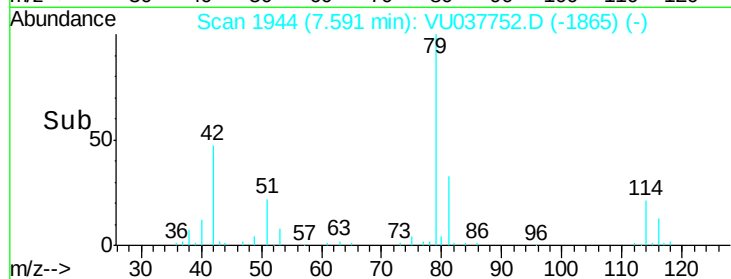
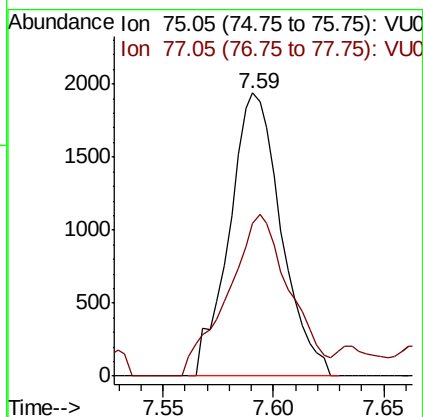
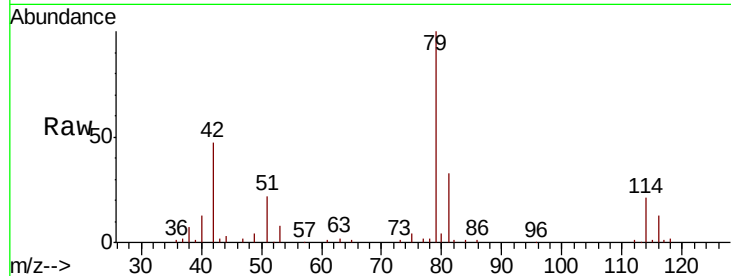




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037752.D
 Acq: 16 Apr 2020 14:14

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 3156
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.204 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037752.D
 Acq: 16 Apr 2020 14:14

Tgt Ion: 75 Resp: 18430
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.4 38.2

