

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037483.D
 Acq On : 31 Mar 2020 01:33
 Operator : JC/MD
 Sample : L2002-13DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 04:05:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	185275	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	173381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29663	2.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	43.40%
7) Chloroethane-d5	1.92	69	17277	1.69	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	33.80%#
11) 1,1-Dichloroethene-d2	2.58	63	44694	1.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	33.40%#
20) 2-Butanone-d5	4.67	46	108058	28.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.98%
24) Chloroform-d	5.10	84	61590	2.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	45.60%#
26) 1,2-Dichloroethane-d4	5.74	65	35538	2.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	47.80%#
32) Benzene-d6	5.76	84	124946	2.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	49.80%#
36) 1,2-Dichloropropane-d6	6.72	67	41990	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	50.60%#
41) Toluene-d8	7.92	98	112186	2.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	47.20%#
43) trans-1,3-Dichloropropene-	8.20	79	18314	2.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.00%#
46) 2-Hexanone-d5	8.66	63	95558	30.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36146	2.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	52.00%#
64) 1,2-Dichlorobenzene-d4	12.21	152	41024	2.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	49.40%#

Target Compounds

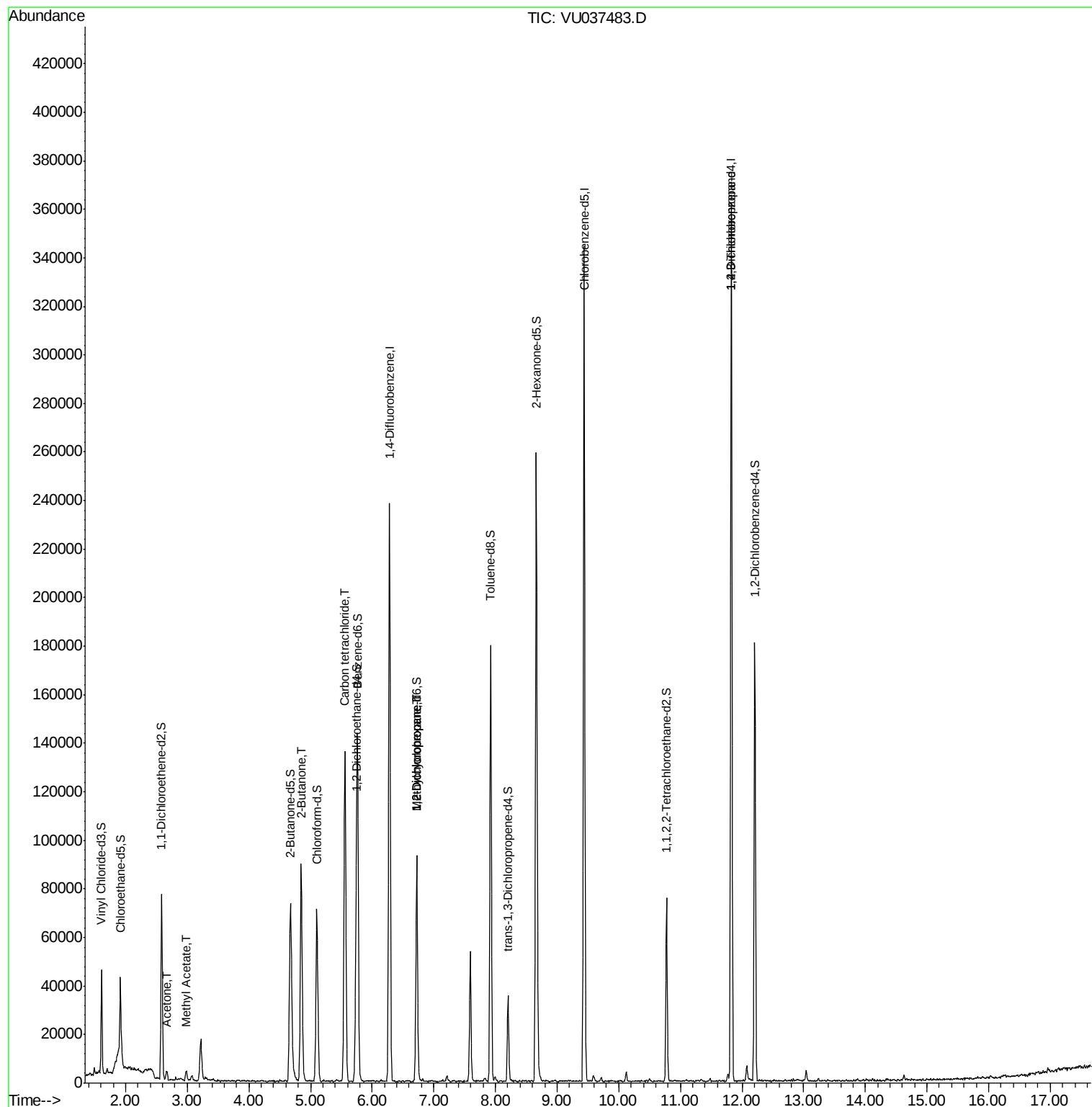
					Ovalue
13) Acetone	2.66	43	4818	2.249 ug/L	95
15) Methyl Acetate	2.98	43	5168	0.864 ug/L	93
21) 2-Butanone	4.85	43	118330	32.497 ug/L #	46
31) Carbon tetrachloride	5.56	117	88744	4.716 ug/L	98
35) Methylcyclohexane	6.72	83	10534	0.455 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	4930	0.371 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	12902	1.397 ug/L	94

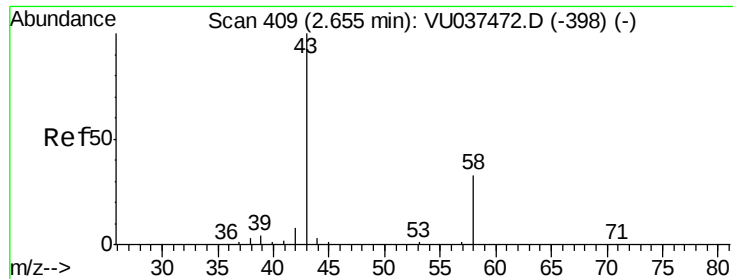
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 31 04:01:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.249 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU037483.D

Acq: 31 Mar 2020 01:33

Instrument :

MSVOA_U

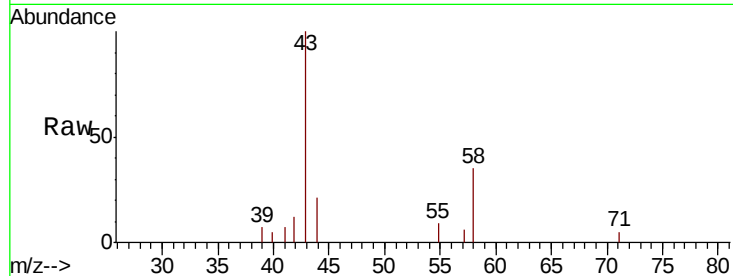
ClientSampled :

Tot Ion: 43 Resp: 4818

Ion Ratio Lower Upper

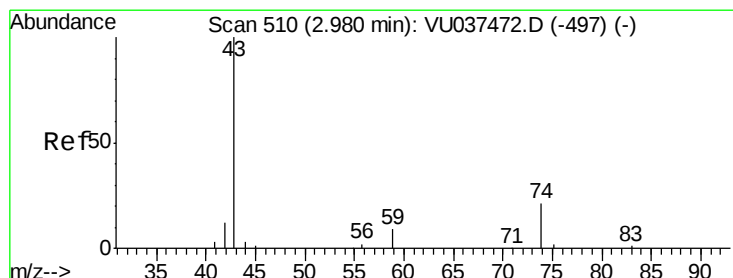
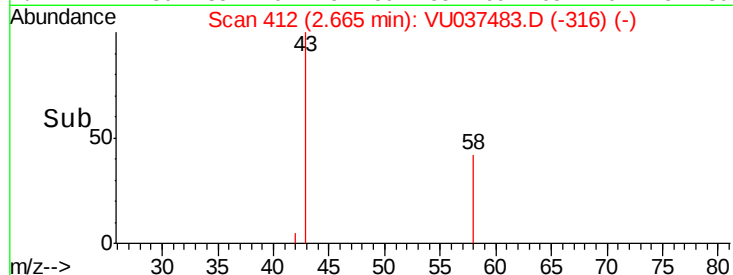
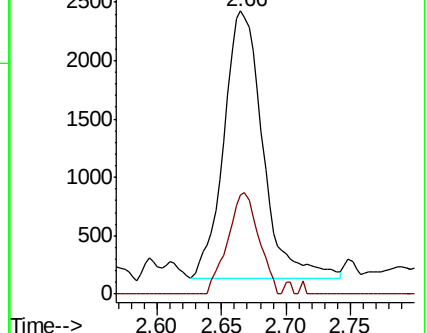
43 100

58 30.2 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU037483.D (-412) (-)

Ion 58.05 (57.75 to 58.75): VU037483.D (-412) (-)



#15

Methyl Acetate

Concen: 0.864 ug/L

RT: 2.98 min Scan# 511

Delta R.T. 0.00 min

Lab File: VU037483.D

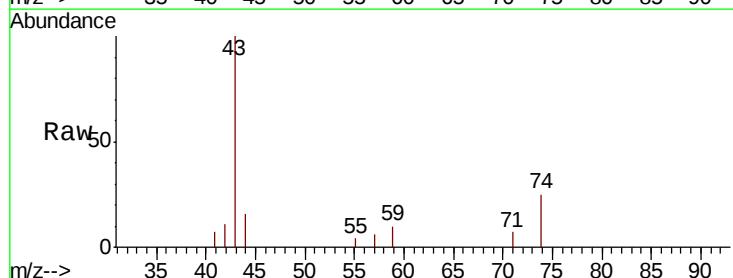
Acq: 31 Mar 2020 01:33

Tgt Ion: 43 Resp: 5168

Ion Ratio Lower Upper

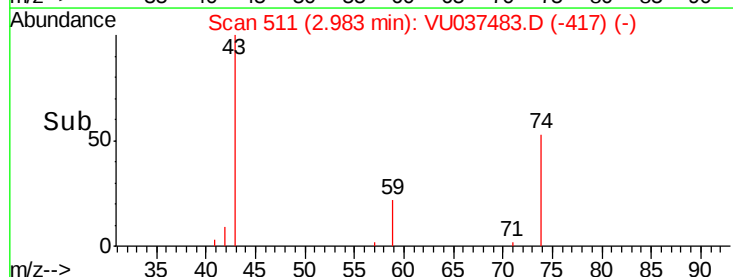
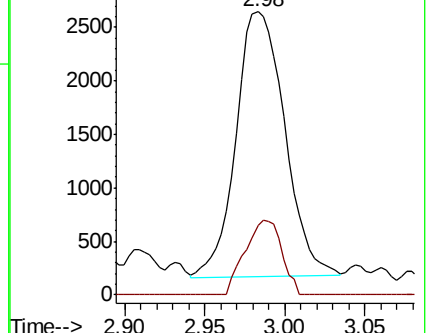
43 100

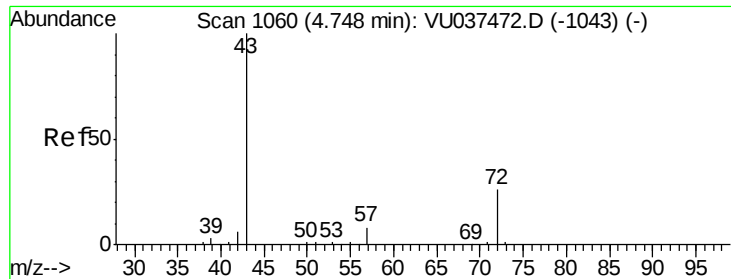
74 21.0 19.8 29.6



Abundance Ion 43.05 (42.75 to 43.75): VU037483.D (-511) (-)

Ion 74.05 (73.75 to 74.75): VU037483.D (-511) (-)

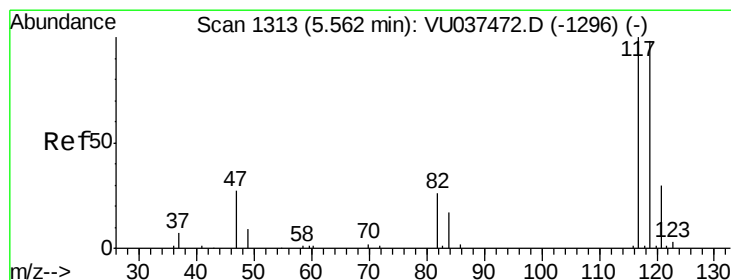
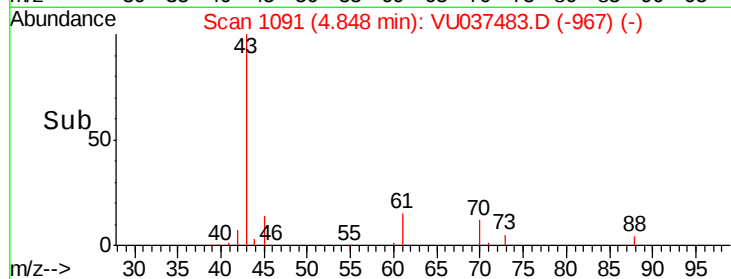
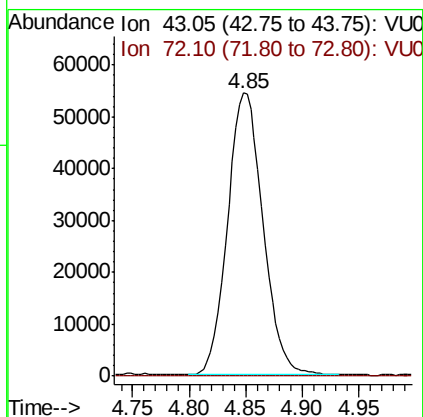
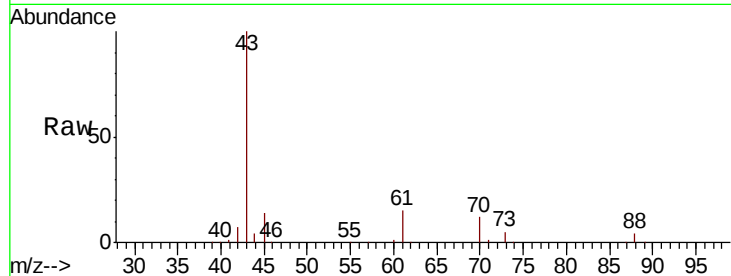




#21
2-Butanone
Concen: 32.497 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.10 min
Lab File: VU037483.D
Acq: 31 Mar 2020 01:33

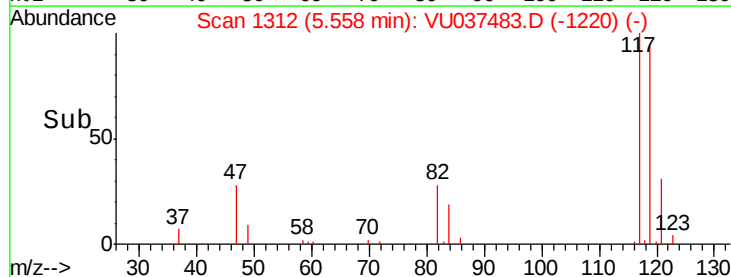
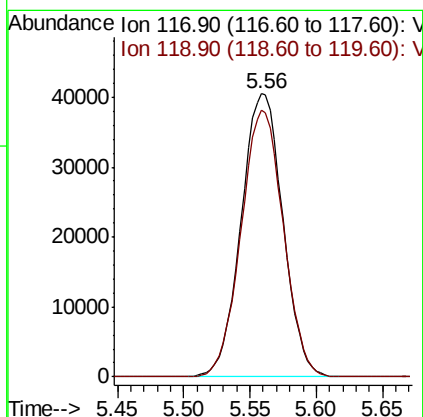
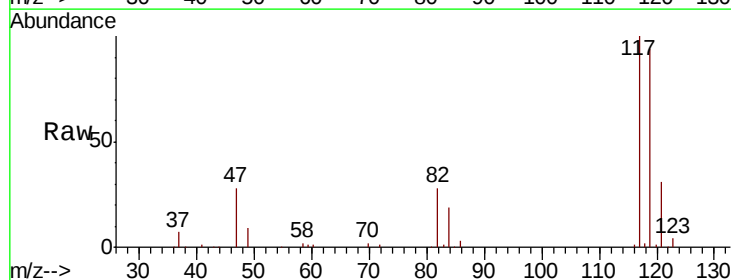
Instrument :
MSVOA_U
ClientSampled :

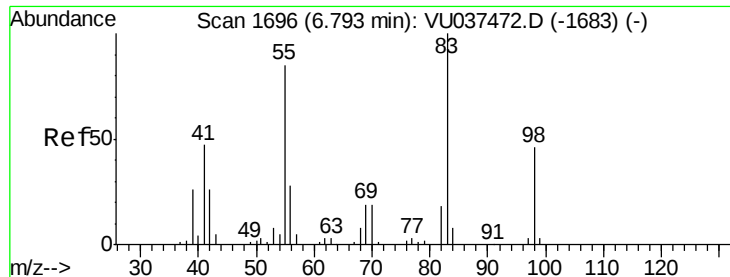
Tot Ion: 43 Resp: 118330
Ion Ratio Lower Upper
43 100
72 0.0 14.2 42.6#



#31
Carbon tetrachloride
Concen: 4.716 ug/L
RT: 5.56 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU037483.D
Acq: 31 Mar 2020 01:33

Tgt Ion: 117 Resp: 88744
Ion Ratio Lower Upper
117 100
119 95.1 77.7 116.5

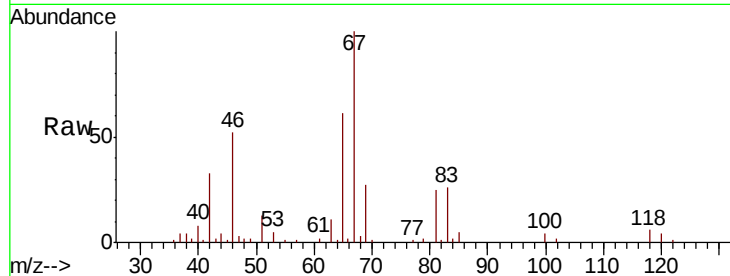




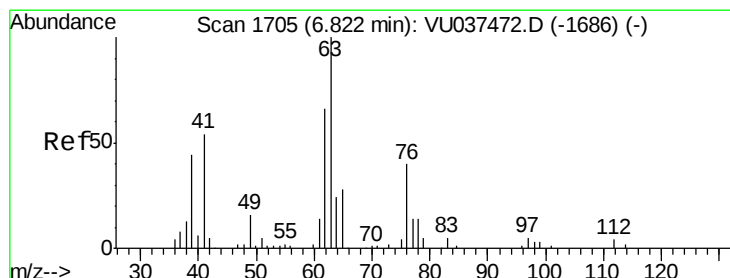
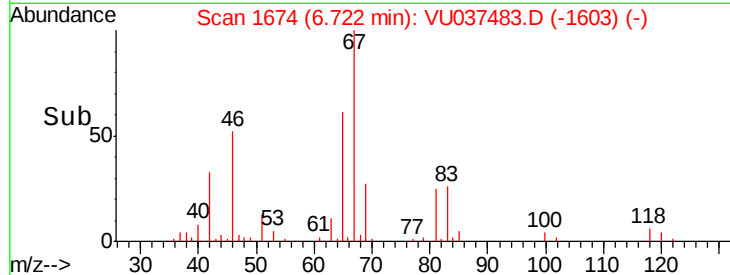
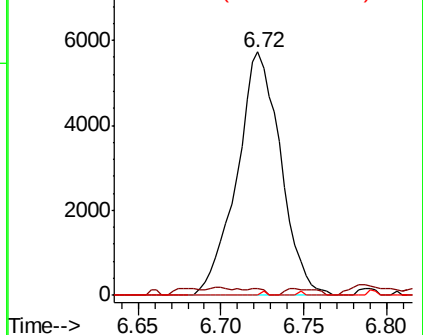
#35
Methylcyclohexane
Concen: 0.455 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037483.D
Acq: 31 Mar 2020 01:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.2	96.4#
98	0.2	36.3	54.5#

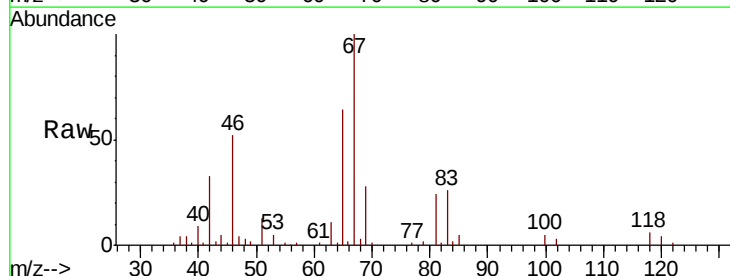


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

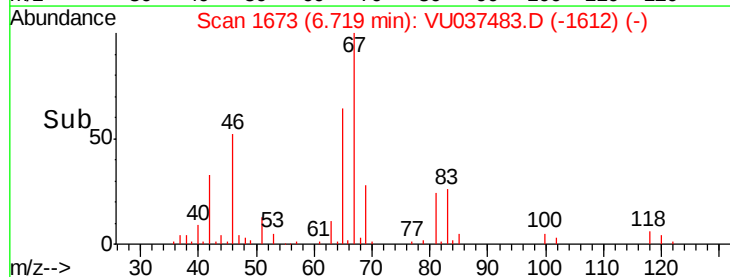
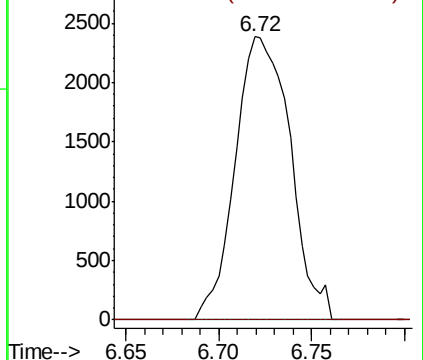


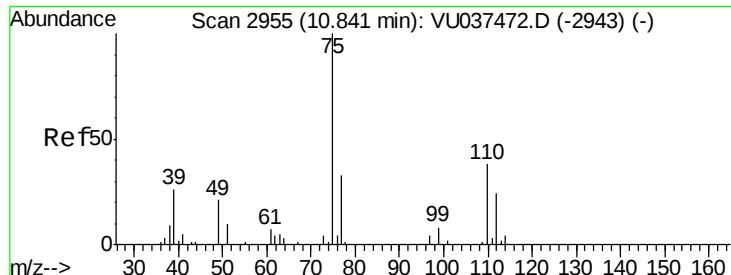
#37
1,2-Dichloropropane
Concen: 0.371 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037483.D
Acq: 31 Mar 2020 01:33

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



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





#59

1,2,3-Trichloropropane

Concen: 1.397 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037483.D

Acq: 31 Mar 2020 01:33

Instrument :

MSVOA_U

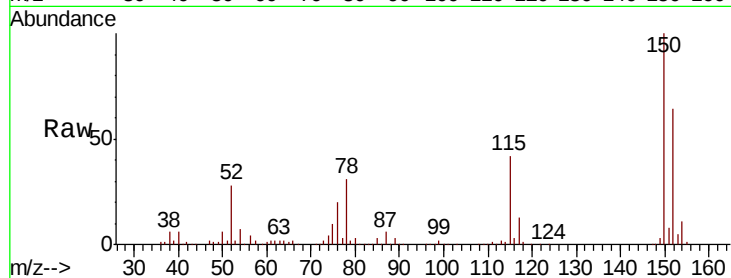
ClientSampleId :

Tot Ion: 75 Resp: 12902

Ion Ratio Lower Upper

75 100

77 37.7 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

