

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037736.D
 Acq On : 15 Apr 2020 16:18
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 01:28:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 01:23:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	267376	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	253453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	125993	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88527	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	76655	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	113514	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.67	46	297555	53.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.10%
24) Chloroform-d	5.10	84	146934	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.74	65	90941	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.76	84	318587	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	109302	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	284577	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	46784	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.66	63	268943	52.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	85345	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	104900	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

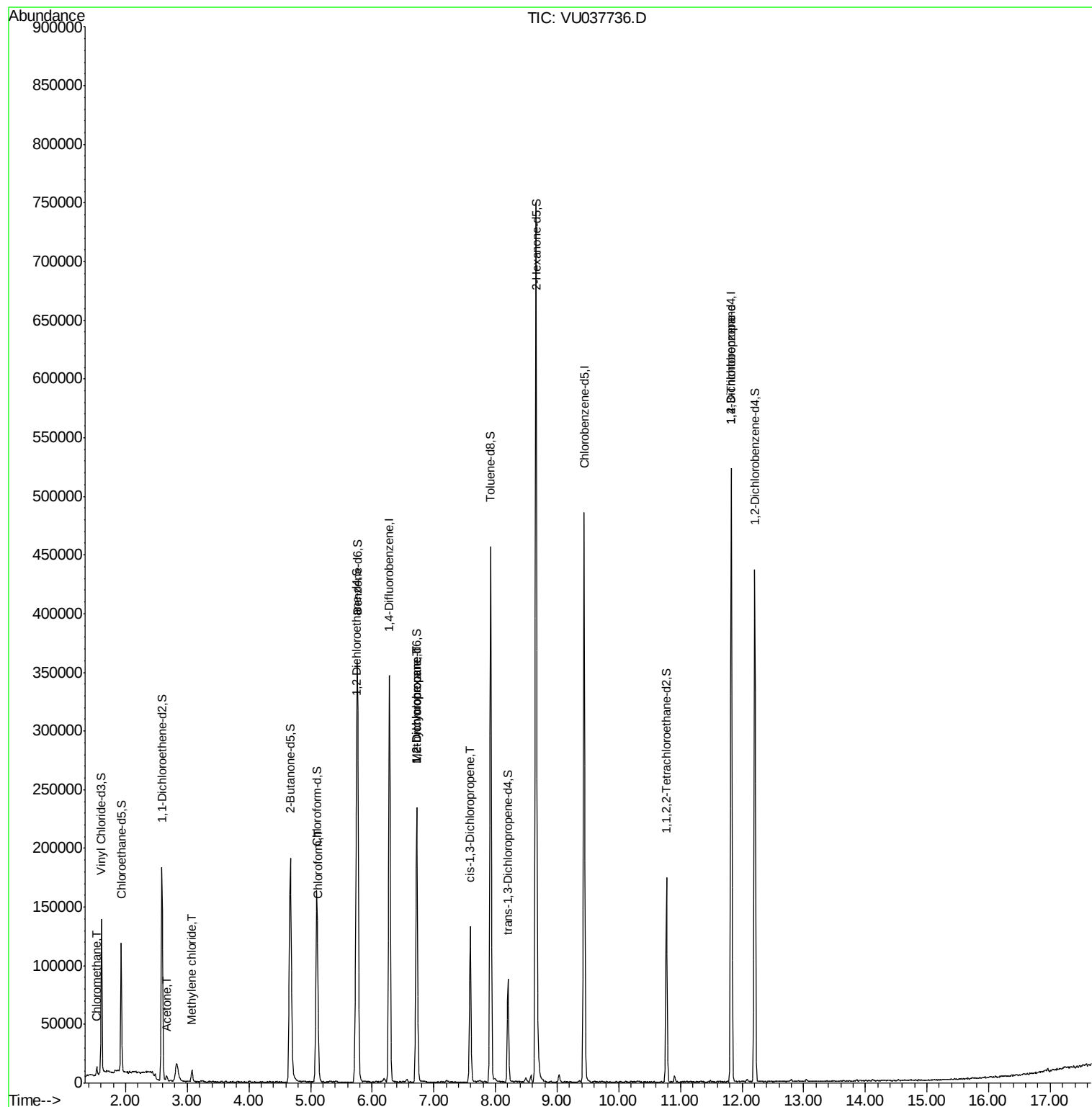
					Ovalue
3) Chloromethane	1.53	50	4721	0.165 ug/L	95
13) Acetone	2.66	43	4308	1.176 ug/L	74
16) Methylene chloride	3.07	84	4357	0.209 ug/L	89
25) Chloroform	5.12	83	8918	0.243 ug/L	99
35) Methylcyclohexane	6.72	83	23673	0.656 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12018	0.541 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3062	0.088 ug/L #	62
59) 1,2,3-Trichloropropane	11.83	75	16798	1.156 ug/L	92

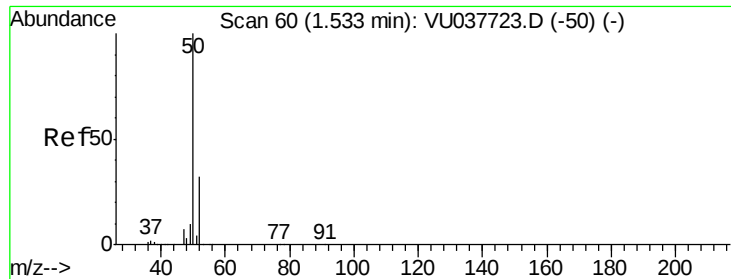
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU037736.D

Acq: 15 Apr 2020 16:18

Instrument :

MSVOA_U

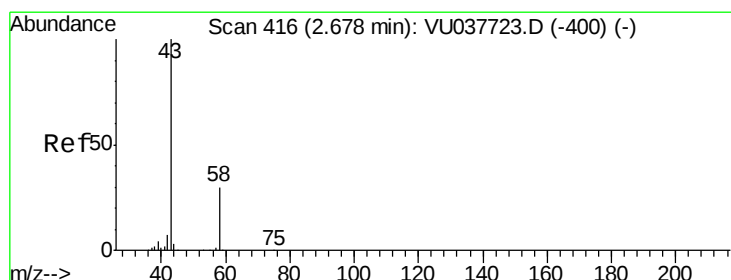
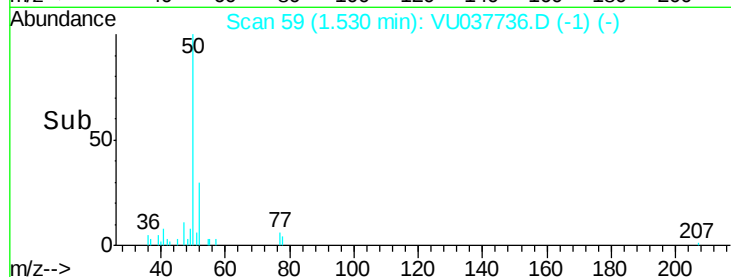
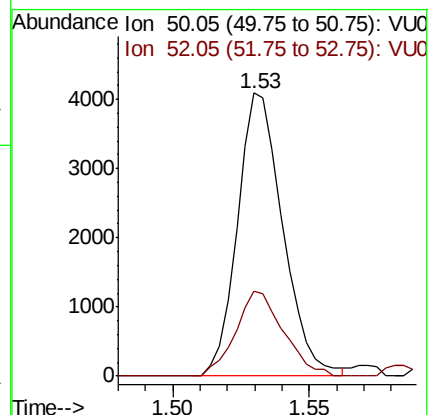
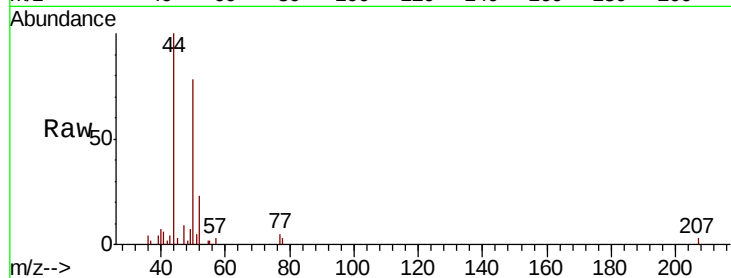
ClientSampleId :

Tot Ion: 50 Resp: 4721

Ion Ratio Lower Upper

50 100

52 29.8 23.0 42.6



#13

Acetone

Concen: 1.176 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU037736.D

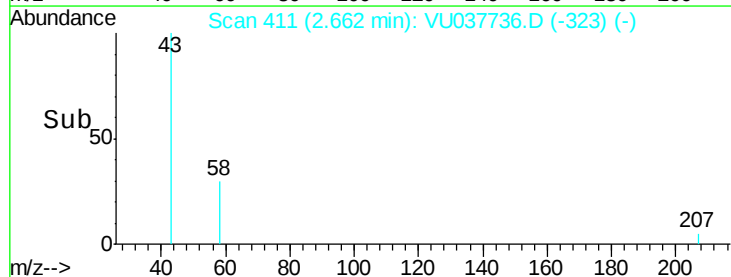
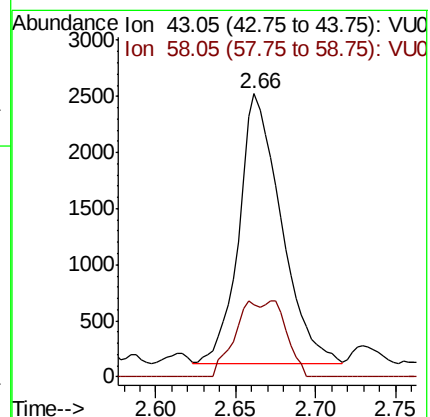
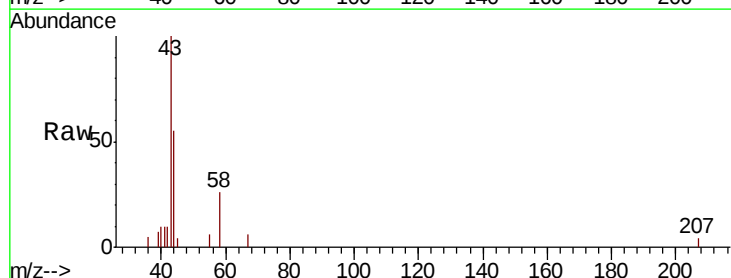
Acq: 15 Apr 2020 16:18

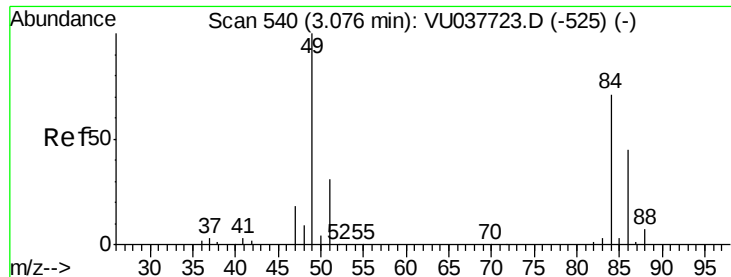
Tgt Ion: 43 Resp: 4308

Ion Ratio Lower Upper

43 100

58 17.6 0.0 64.8

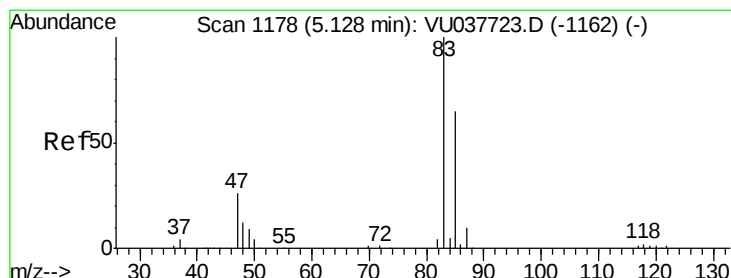
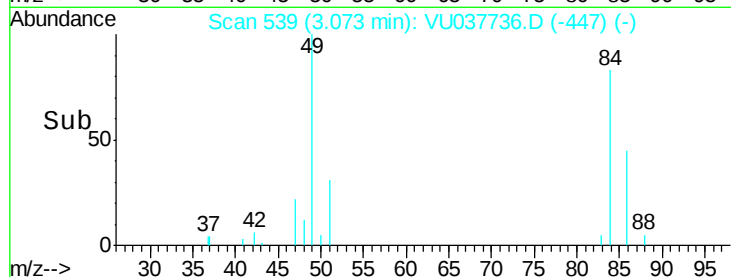
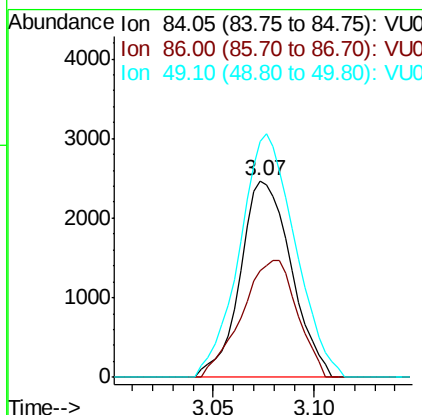
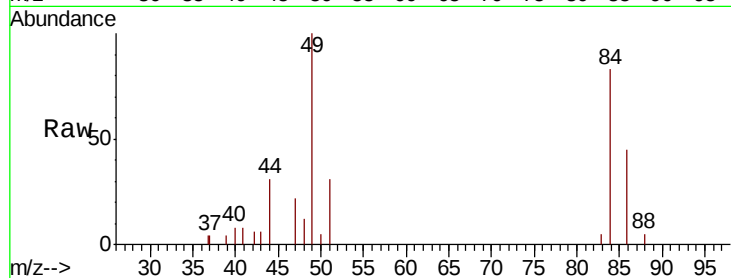




#16
Methvlene chloride
Concen: 0.209 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU037736.D
Acq: 15 Apr 2020 16:18

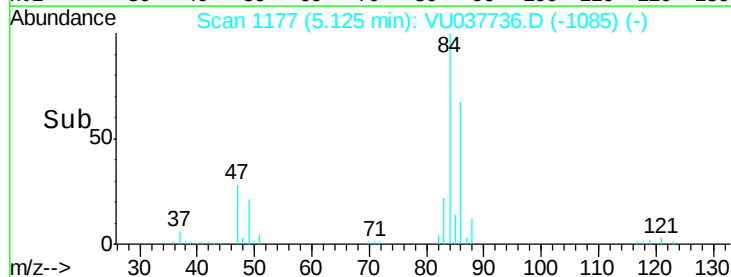
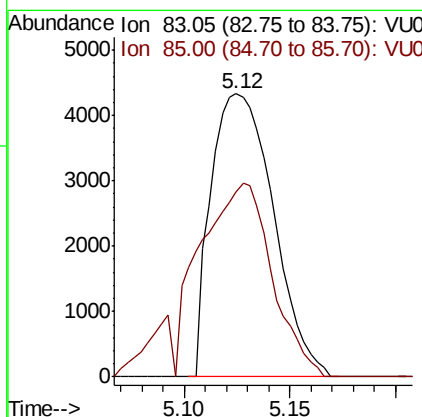
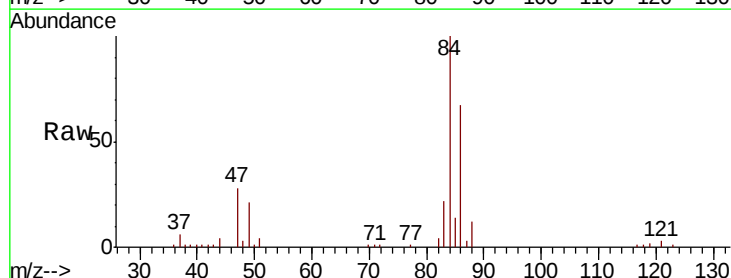
Instrument :
MSVOA_U
ClientSampleId :

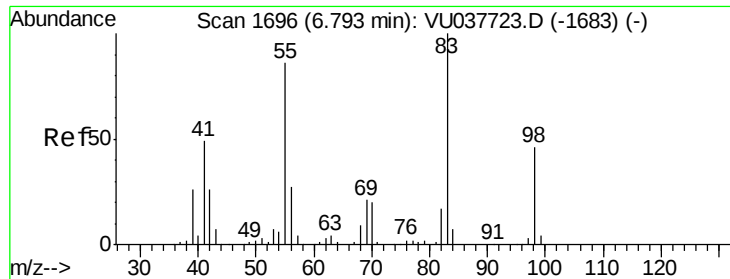
Tot Ion: 84 Resp: 4357
Ion Ratio Lower Upper
84 100
86 54.2 44.2 82.0
49 119.8 92.4 171.6



#25
Chloroform
Concen: 0.243 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037736.D
Acq: 15 Apr 2020 16:18

Tgt Ion: 83 Resp: 8918
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.3

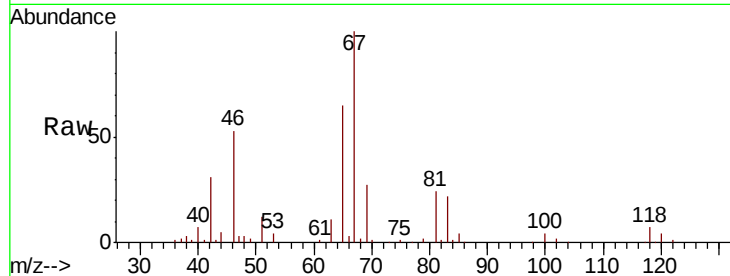




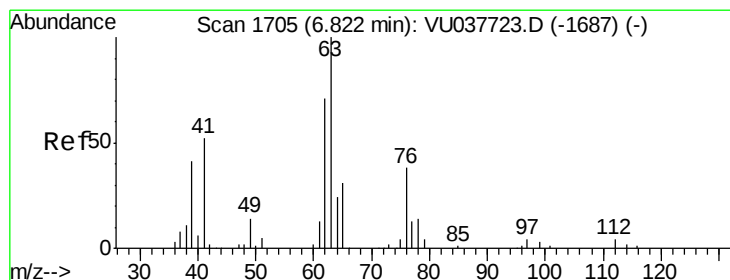
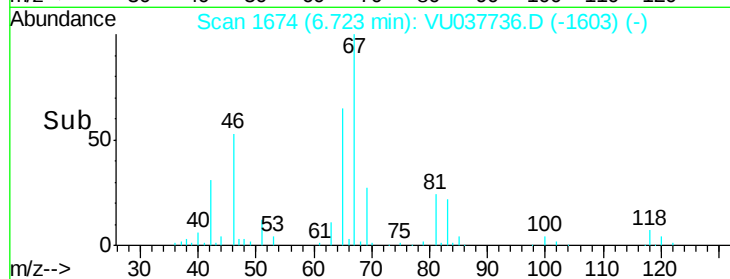
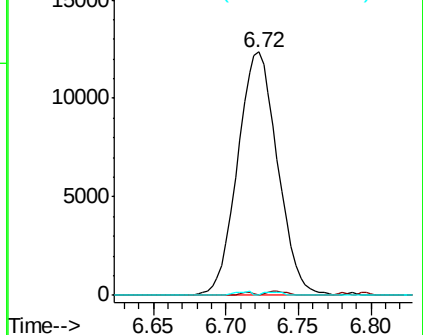
#35
Methvlcvclohexane
Concen: 0.656 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037736.D
Acq: 15 Apr 2020 16:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 23673
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 0.6 38.2 57.4#

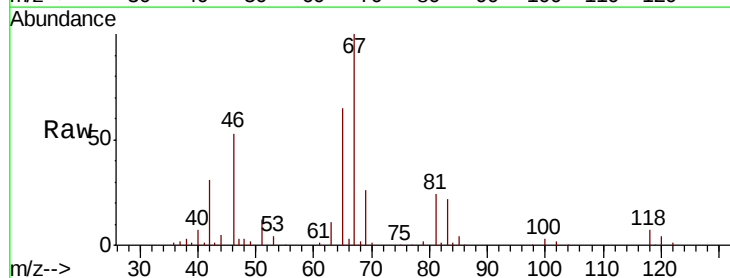


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

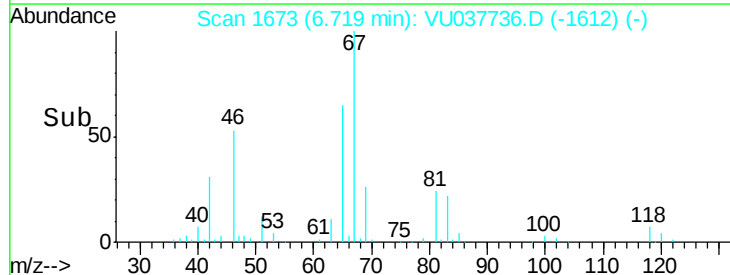
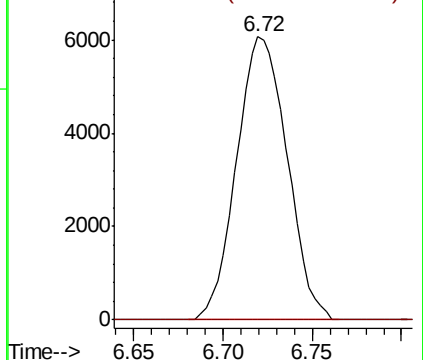


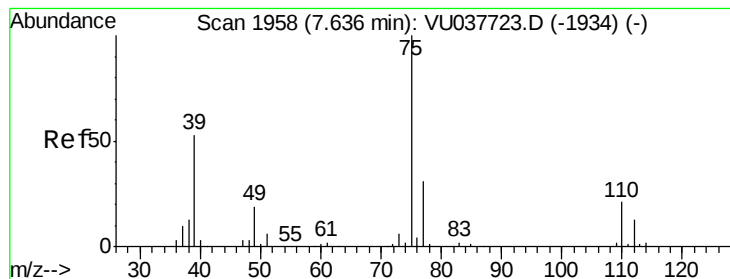
#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037736.D
Acq: 15 Apr 2020 16:18

Tgt Ion: 63 Resp: 12018
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



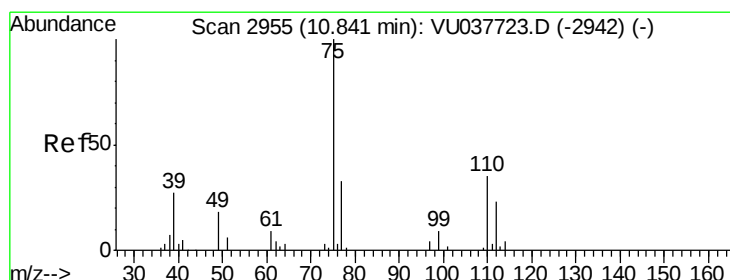
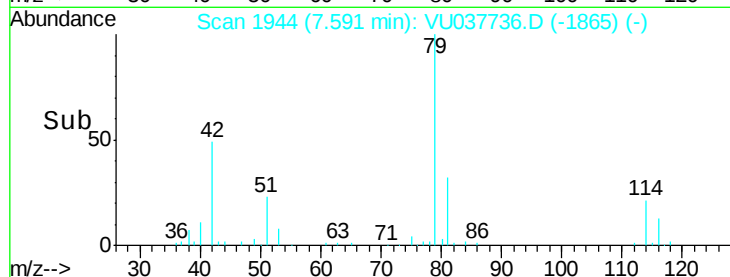
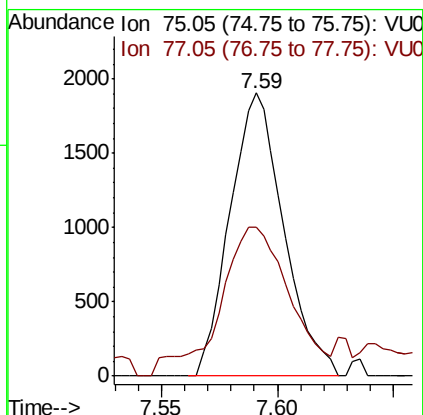
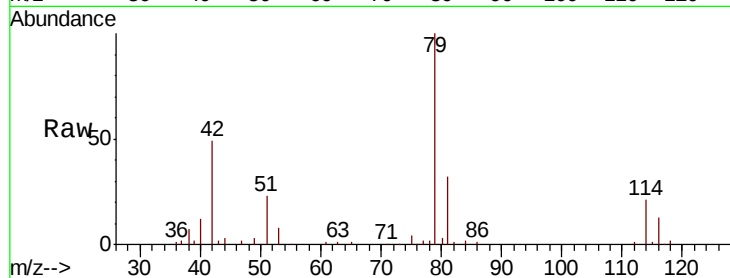


#39

cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037736.D
Acq: 15 Apr 2020 16:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 3062
Ion Ratio Lower Upper
75 100
77 52.7 22.2 41.2#



#59

1,2,3-Trichloropropane
Concen: 1.156 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037736.D
Acq: 15 Apr 2020 16:18

Tgt Ion: 75 Resp: 16798
Ion Ratio Lower Upper
75 100
77 36.5 25.4 38.2

