

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042220\
 Data File : VU037853.D
 Acq On : 22 Apr 2020 19:21
 Operator : JC/MD
 Sample : L2388-11
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 23 01:40:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 01:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	277198	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	267435	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131805	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69422	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	71106	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.59	63	94508	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	4.66	46	320874	55.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.40%
24) Chloroform-d	5.10	84	154813	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.74	65	94929	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	310874	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.72	67	111168	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	268589	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.20	79	45021	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.65	63	275674	50.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91135	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	107973	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

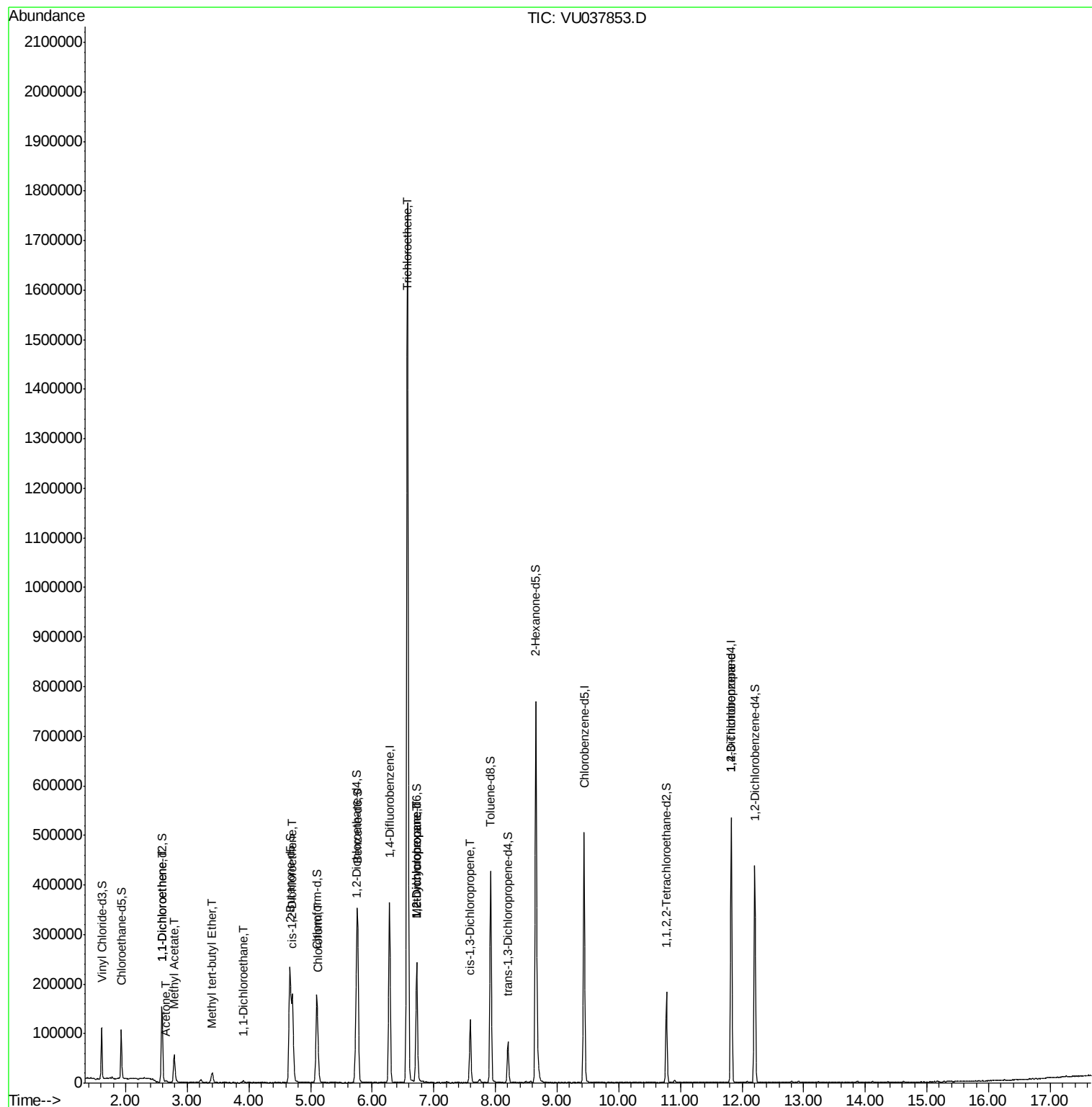
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1210	0.063	ug/L #	1
13) Acetone	2.66	43	3631	0.956	ug/L	91
15) Methyl Acetate	2.79	43	14895	1.410	ug/L #	54
17) Methyl tert-butyl Ether	3.40	73	20605	0.372	ug/L #	90
19) 1,1-Dichloroethane	3.91	63	4235	0.106	ug/L #	91
22) cis-1,2-Dichloroethene	4.71	96	75496	3.369	ug/L	93
25) Chloroform	5.12	83	17742	0.466	ug/L	95
34) Trichloroethene	6.57	95	598906	27.580	ug/L	97
35) Methylcyclohexane	6.72	83	24796	0.652	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	12444	0.531	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2821	0.077	ug/L #	38
59) 1,2,3-Trichloropropane	11.83	75	18463	1.204	ug/L	93

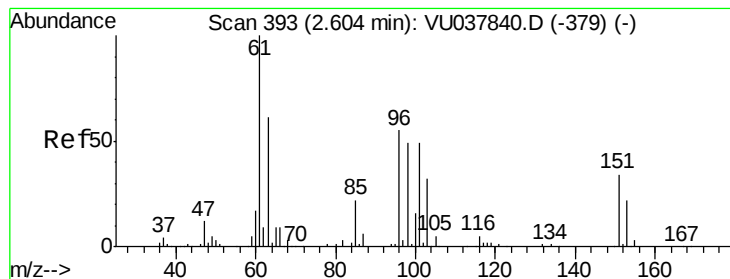
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 23 01:37:32 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037853.D

Acq: 22 Apr 2020 19:21

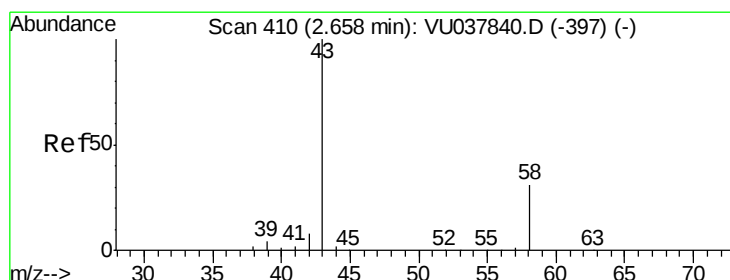
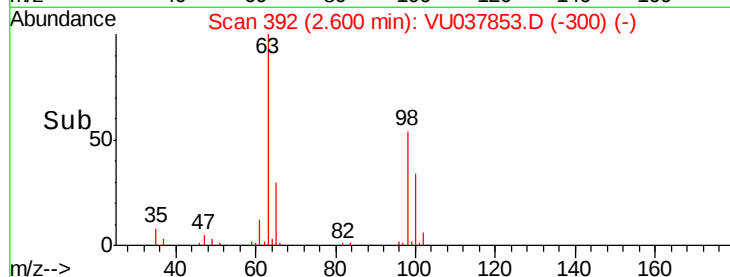
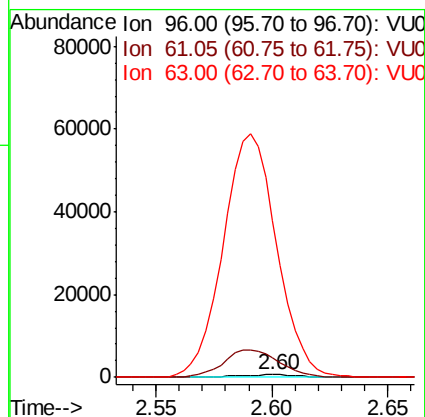
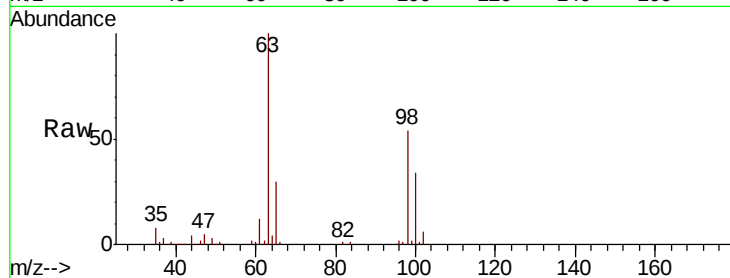
Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 96 Resp: 1210

Ion	Ratio	Lower	Upper
96	100		
61	725.1	127.7	237.3#
63	5836.7	85.0	157.8#



#13

Acetone

Concen: 0.956 ug/L

RT: 2.66 min Scan# 410

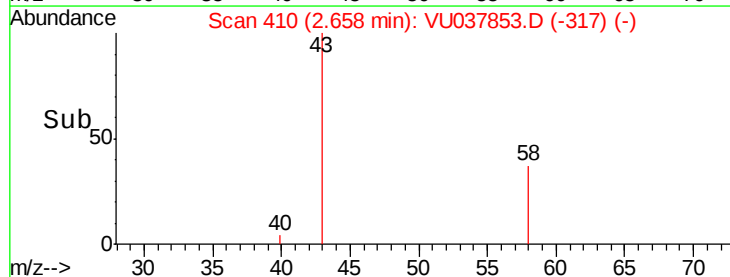
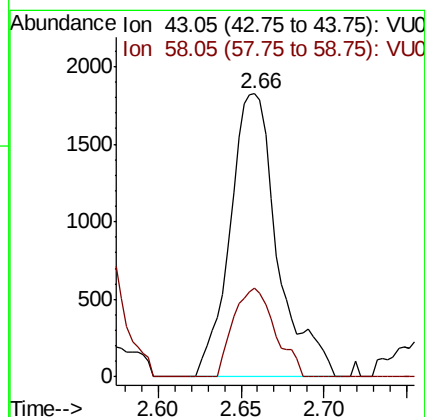
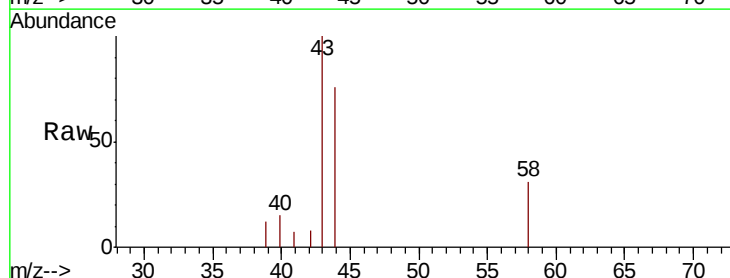
Delta R.T. -0.00 min

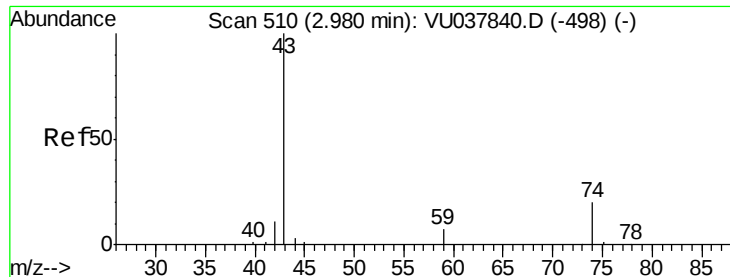
Lab File: VU037853.D

Acq: 22 Apr 2020 19:21

Tgt Ion: 43 Resp: 3631

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	64.8

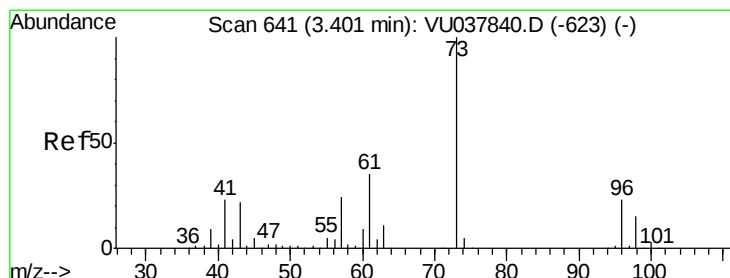
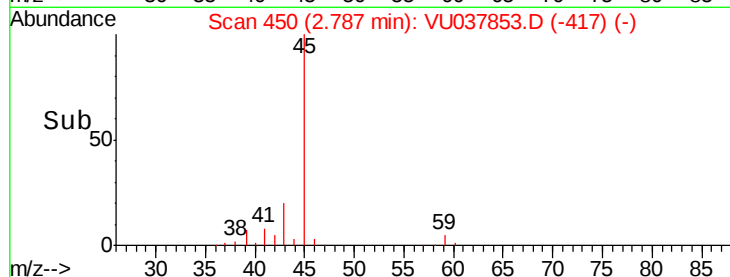
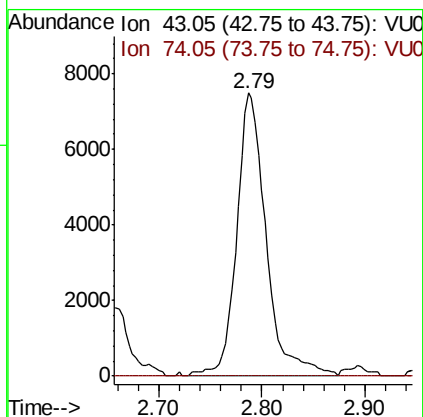
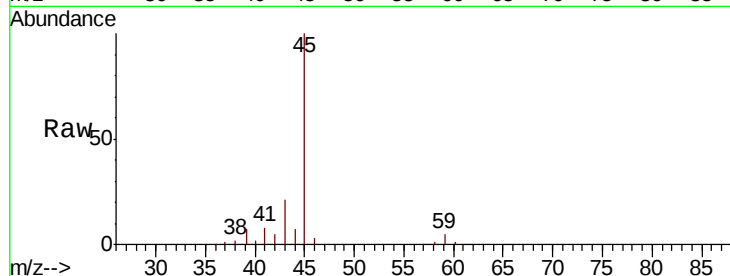




#15
Methyl Acetate
Concen: 1.410 ug/L
RT: 2.79 min Scan# 450
Delta R.T. -0.19 min
Lab File: VU037853.D
Acq: 22 Apr 2020 19:21

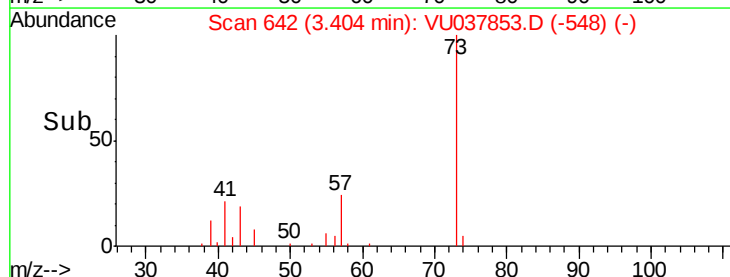
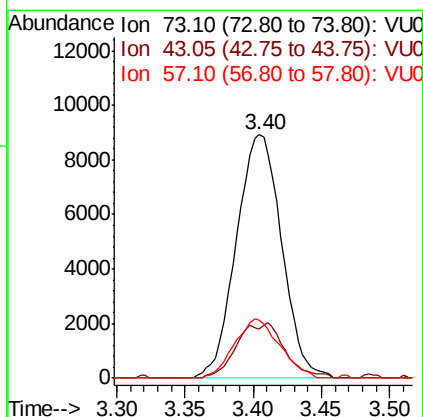
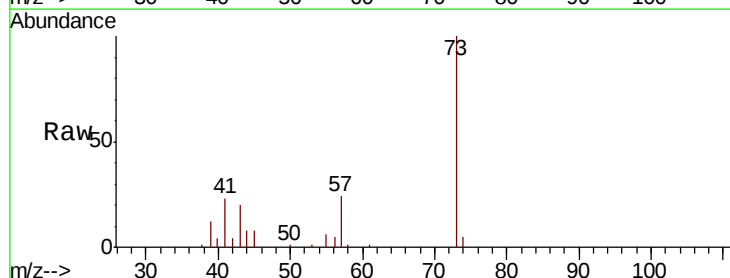
Instrument :
MSVOA_U
ClientSampleId :

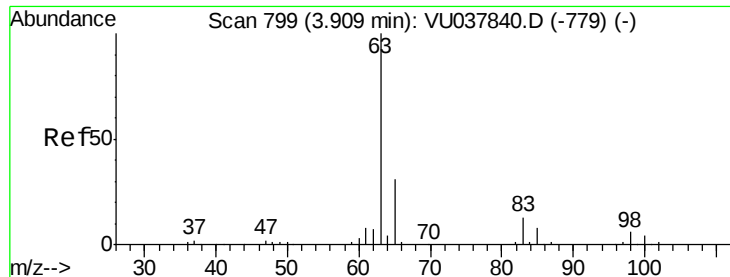
Tot Ion: 43 Resp: 14895
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#17
Methyl tert-butyl Ether
Concen: 0.372 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU037853.D
Acq: 22 Apr 2020 19:21

Tgt Ion: 73 Resp: 20605
Ion Ratio Lower Upper
73 100
43 12.1 16.4 24.6#
57 24.2 18.4 27.6

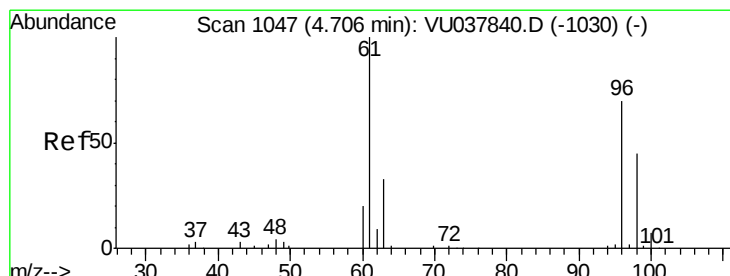
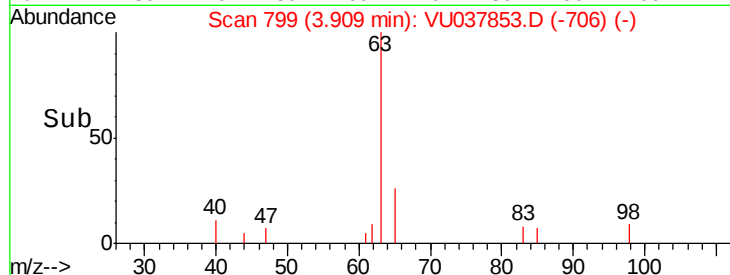
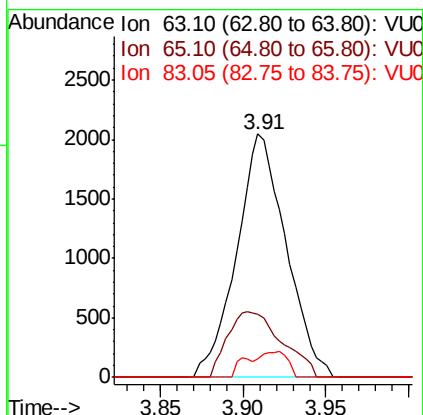
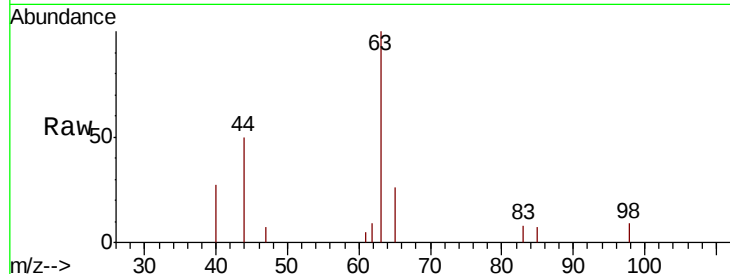




#19
 1,1-Dichloroethane
 Concen: 0.106 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU037853.D
 Acq: 22 Apr 2020 19:21

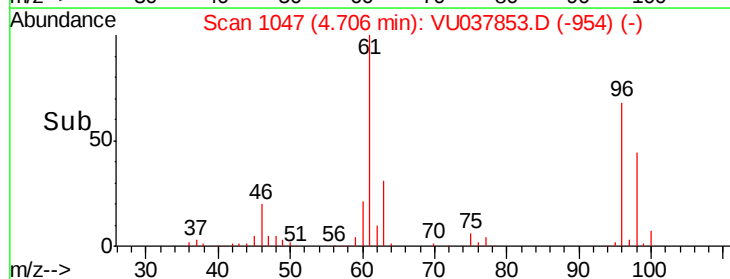
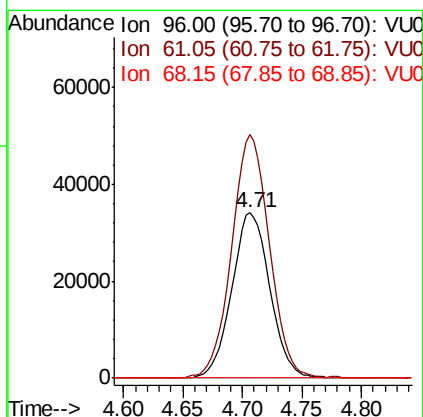
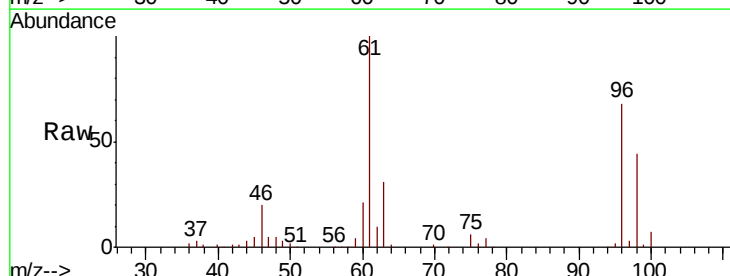
Instrument :
 MSVOA_U
 ClientSampled :

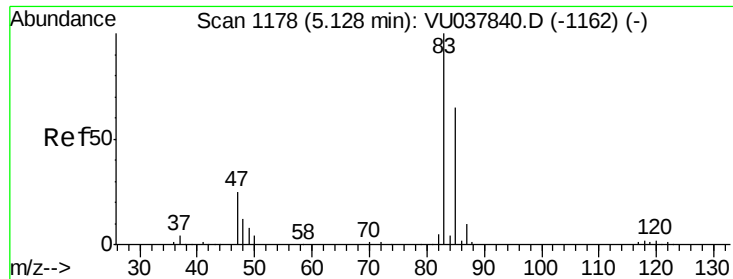
Tot Ion: 63 Resp: 4235
 Ion Ratio Lower Upper
 63 100
 65 26.2 21.6 40.2
 83 7.8 8.6 16.0#



#22
 cis-1,2-Dichloroethene
 Concen: 3.369 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037853.D
 Acq: 22 Apr 2020 19:21

Tgt Ion: 96 Resp: 75496
 Ion Ratio Lower Upper
 96 100
 61 147.6 97.0 180.2
 68 0.0 0.0 0.0

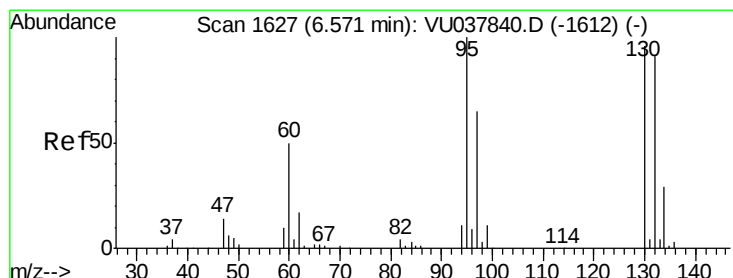
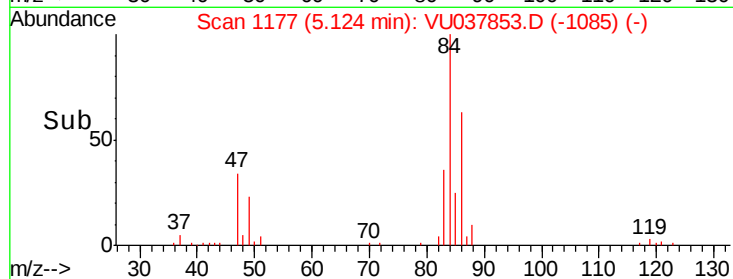
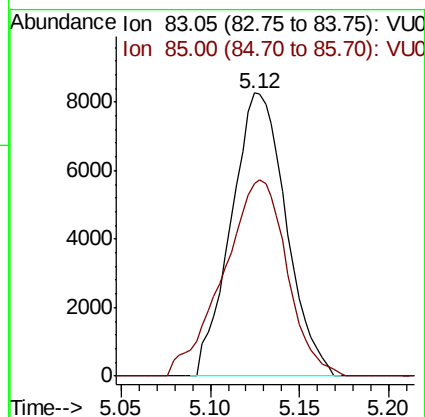
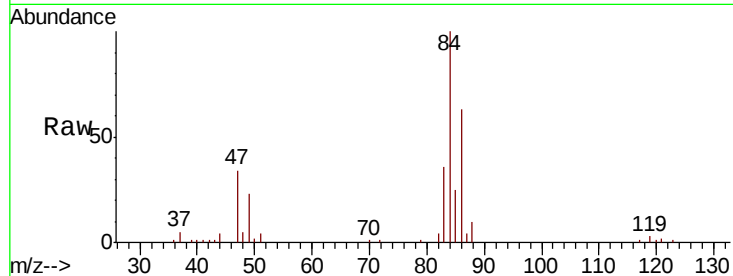




#25
Chloroform
Concen: 0.466 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037853.D
Acq: 22 Apr 2020 19:21

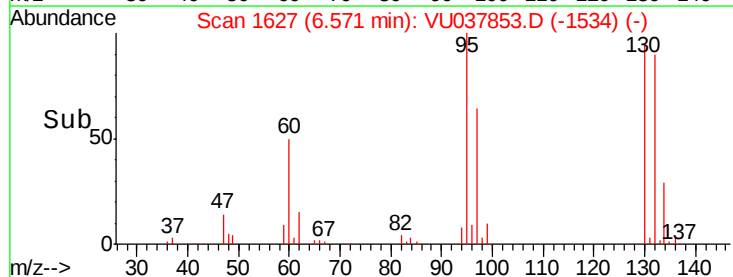
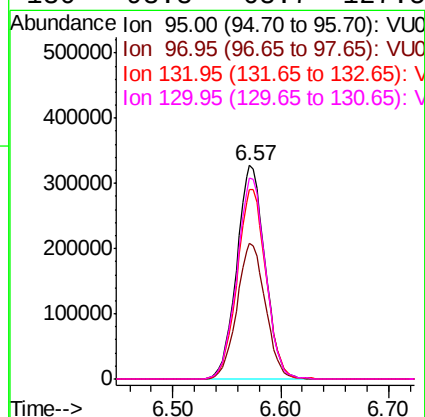
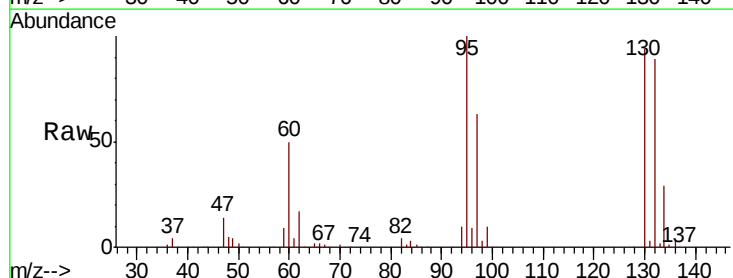
Instrument :
MSVOA_U
ClientSampleId :

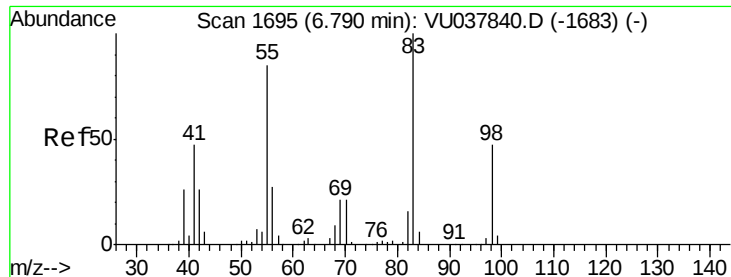
Tot Ion: 83 Resp: 17742
Ion Ratio Lower Upper
83 100
85 67.9 44.9 83.3



#34
Trichloroethene
Concen: 27.580 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037853.D
Acq: 22 Apr 2020 19:21

Tgt Ion: 95 Resp: 598906
Ion Ratio Lower Upper
95 100
97 63.3 45.4 84.2
132 88.8 63.7 118.3
130 93.8 68.7 127.5





#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037853.D

Acq: 22 Apr 2020 19:21

Instrument :

MSVOA_U

ClientSampleId :

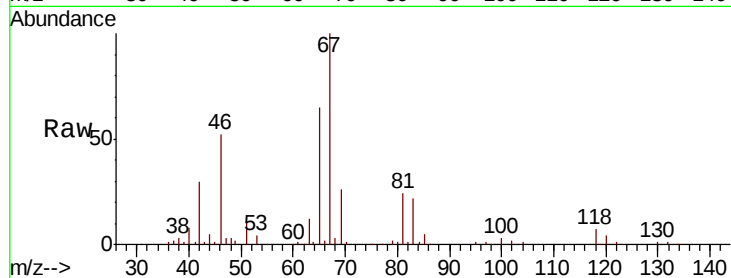
Tot Ion: 83 Resp: 24796

Ion Ratio Lower Upper

83 100

55 0.4 65.5 98.3#

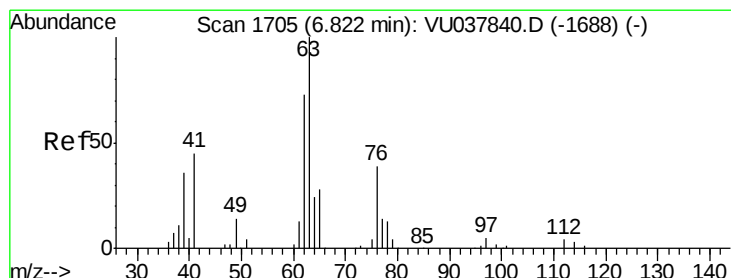
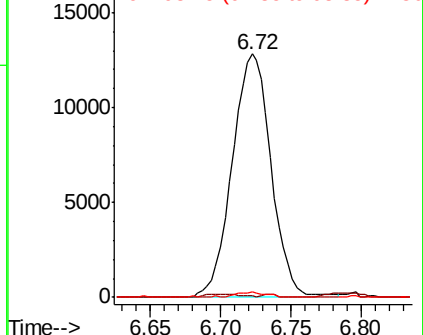
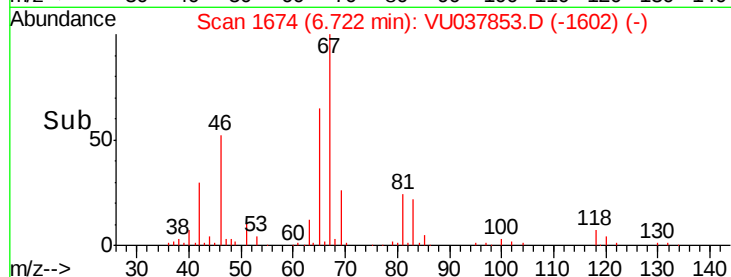
98 0.0 38.2 57.4#



Abundance Ion 83.15 (82.85 to 83.85): VU037853.D (-1602) (-)

Ion 55.10 (54.80 to 55.80): VU037853.D (-1602) (-)

Ion 98.15 (97.85 to 98.85): VU037853.D (-1602) (-)



#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037853.D

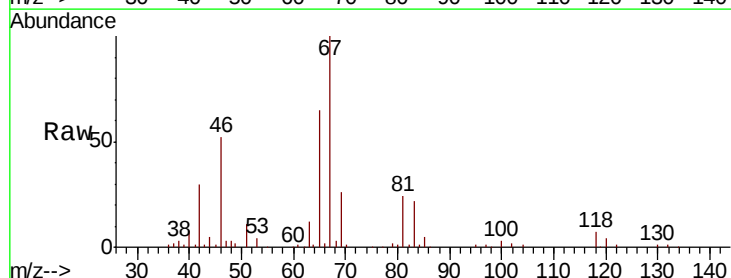
Acq: 22 Apr 2020 19:21

Tgt Ion: 63 Resp: 12444

Ion Ratio Lower Upper

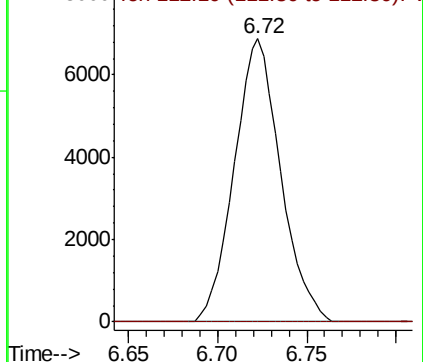
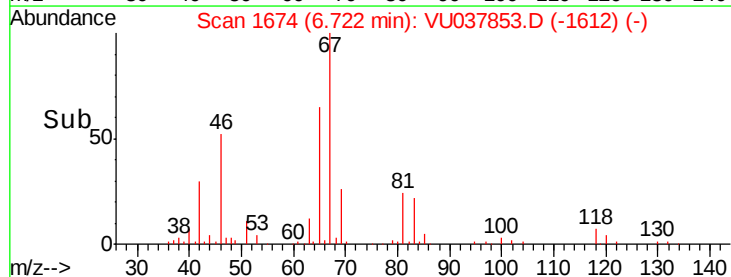
63 100

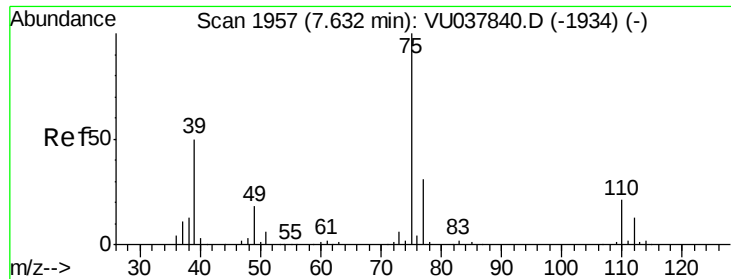
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU037853.D (-1612) (-)

Ion 112.10 (111.80 to 112.80): VU037853.D (-1612) (-)

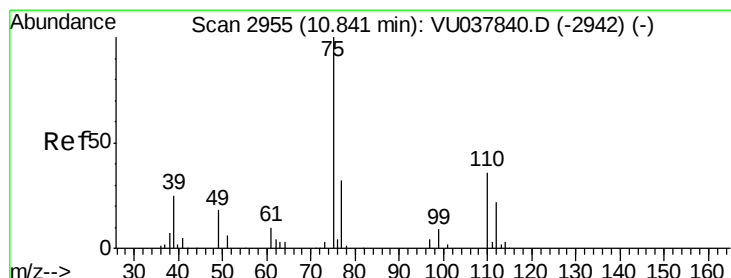
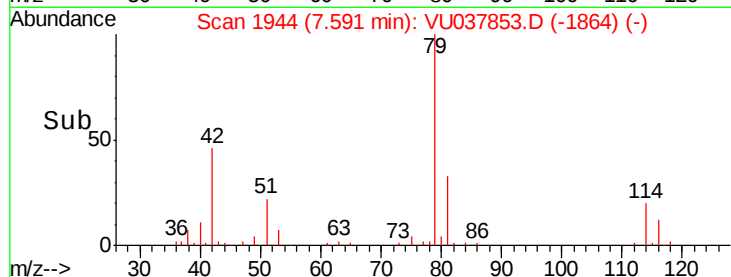
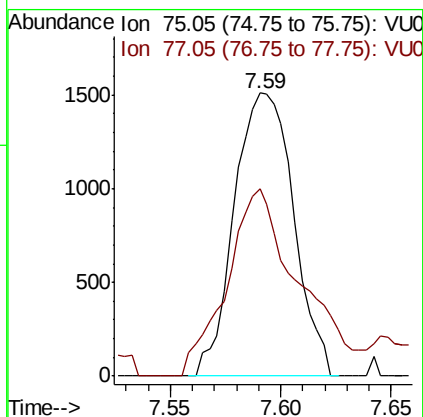
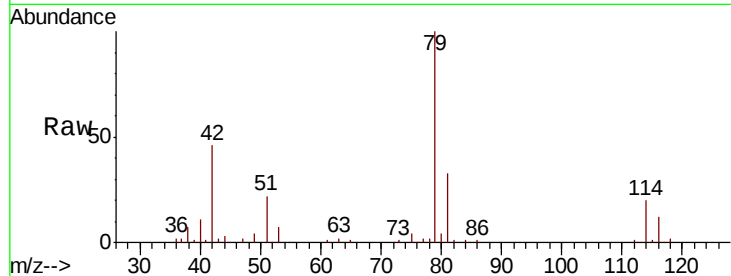




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037853.D
 Acq: 22 Apr 2020 19:21

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2821
 Ion Ratio Lower Upper
 75 100
 77 66.1 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: VU037853.D
 Acq: 22 Apr 2020 19:21

Tgt Ion: 75 Resp: 18463
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.4 38.2

