

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037508.D
 Acq On : 31 Mar 2020 20:22
 Operator : JC/MD
 Sample : L2001-18DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:28:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	84844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	81209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22062	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.89	69	16854	3.13	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.60%#
11) 1,1-Dichloroethene-d2	2.58	63	33104	2.73	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.67	46	87550	45.86	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	5.10	84	45944	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
26) 1,2-Dichloroethane-d4	5.74	65	27077	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.76	84	95343	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.72	67	33114	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.92	98	83128	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	8.20	79	13828	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.66	63	86360	53.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	31696	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	34204	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

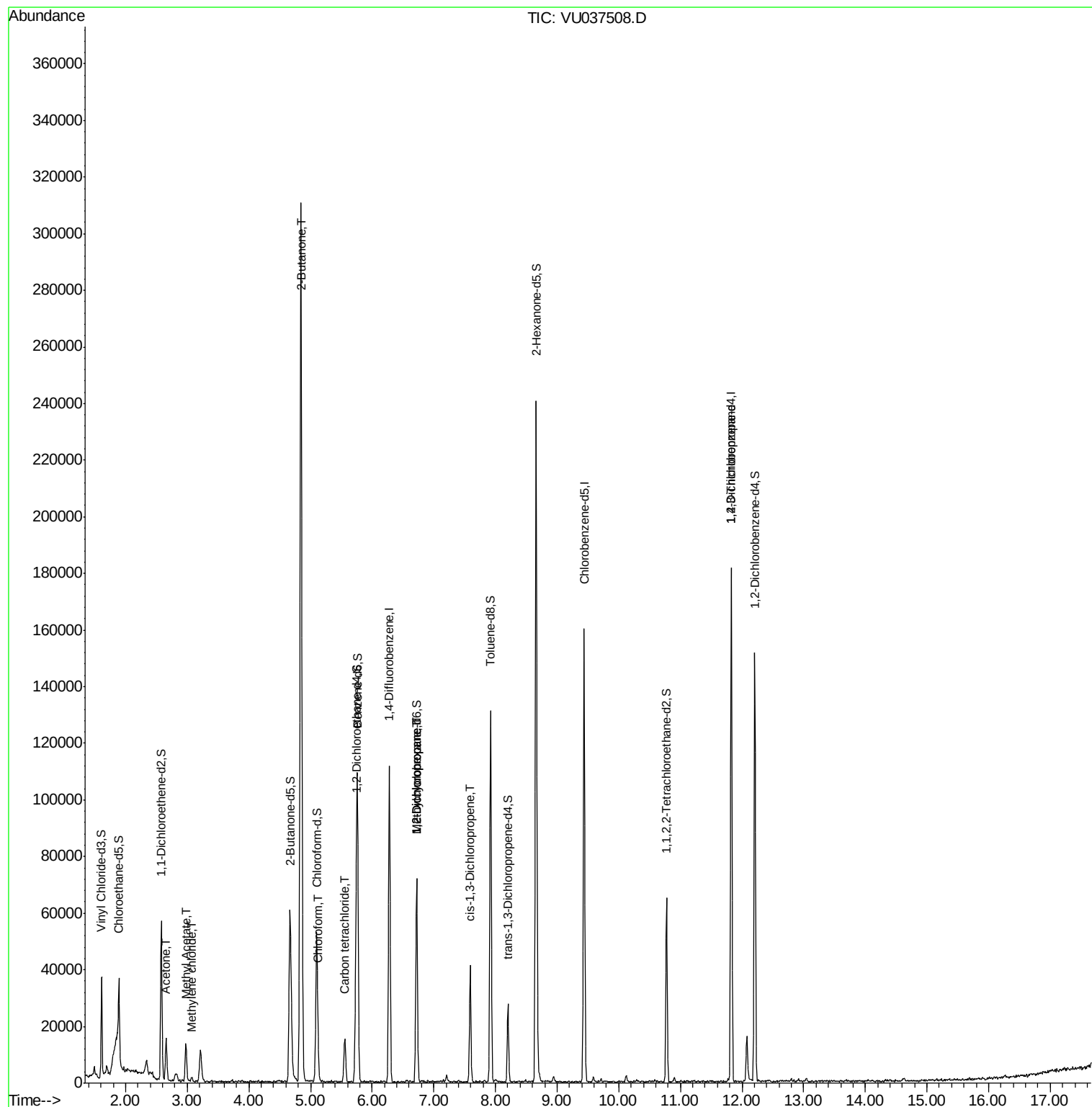
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	15869	14.689	ug/L	99
15) Methyl Acetate	2.98	43	15570	5.292	ug/L	97
16) Methylene chloride	3.08	84	749	0.118	ug/L #	79
21) 2-Butanone	4.84	43	406799	214.093	ug/L #	48
25) Chloroform	5.13	83	3369	0.297	ug/L	100
31) Carbon tetrachloride	5.56	117	10028	1.181	ug/L	99
35) Methylcyclohexane	6.72	83	7736	0.701	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	3553	0.530	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	970	0.093	ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	6552	1.421	ug/L	94

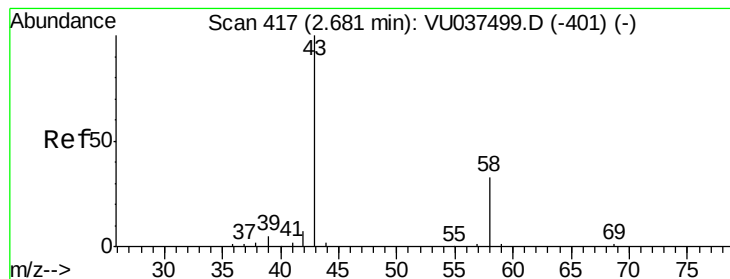
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.689 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU037508.D

Acq: 31 Mar 2020 20:22

Instrument :

MSVOA_U

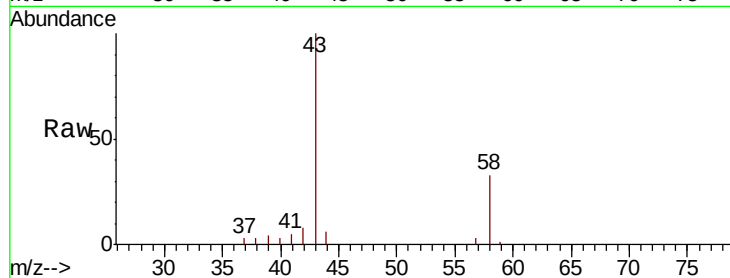
ClientSampleId :

Tot Ion: 43 Resp: 15869

Ion Ratio Lower Upper

43 100

58 34.5 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037508.D (-409) (-)

Ion 58.05 (57.75 to 58.75): VU037508.D (-409) (-)

2.66

10000

8000

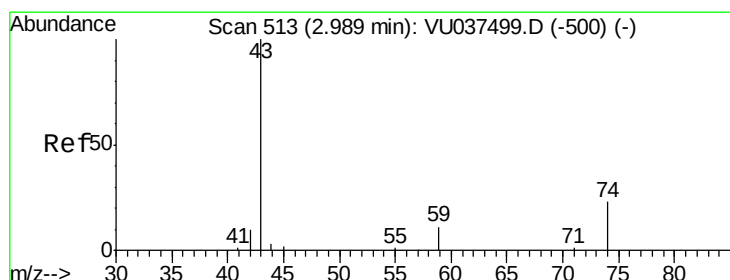
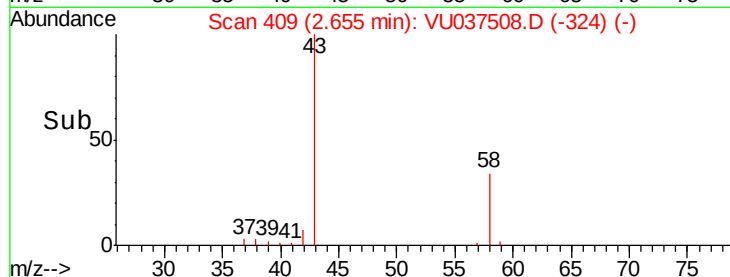
6000

4000

2000

0

Time-->



#15

Methyl Acetate

Concen: 5.292 ug/L

RT: 2.98 min Scan# 509

Delta R.T. -0.01 min

Lab File: VU037508.D

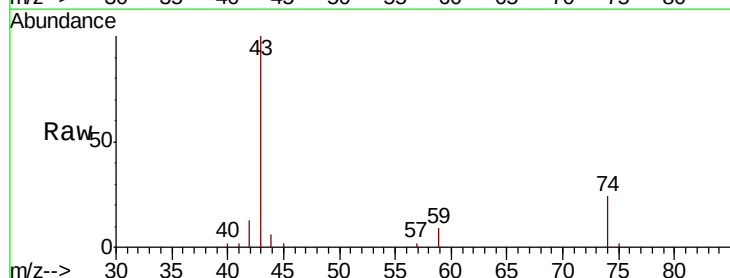
Acq: 31 Mar 2020 20:22

Tgt Ion: 43 Resp: 15570

Ion Ratio Lower Upper

43 100

74 23.8 17.9 26.9



Abundance Ion 43.05 (42.75 to 43.75): VU037508.D (-509) (-)

Ion 74.05 (73.75 to 74.75): VU037508.D (-509) (-)

2.98

10000

8000

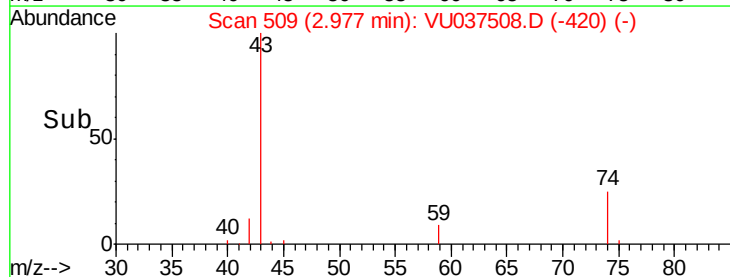
6000

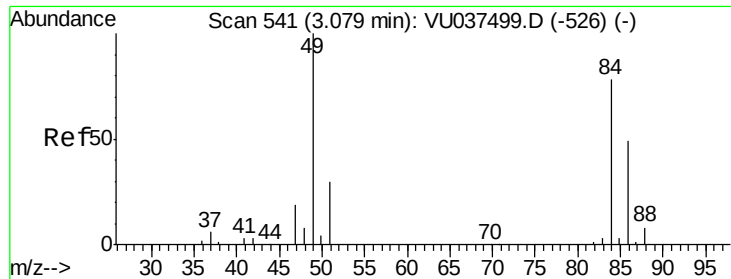
4000

2000

0

Time-->

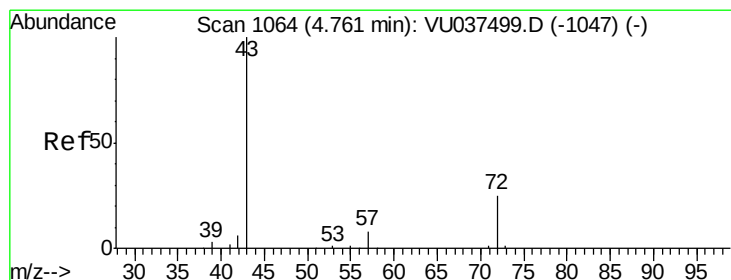
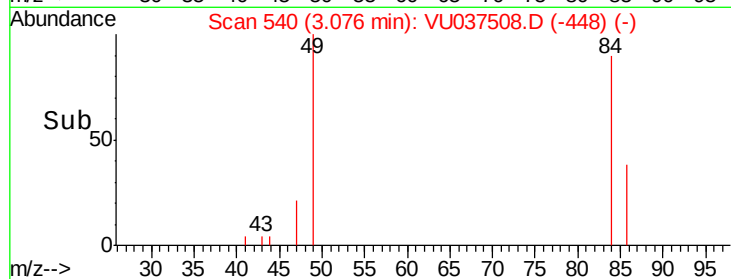
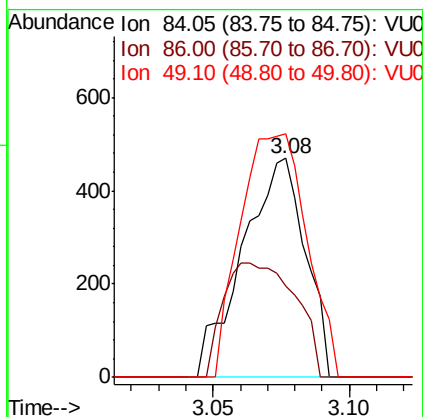
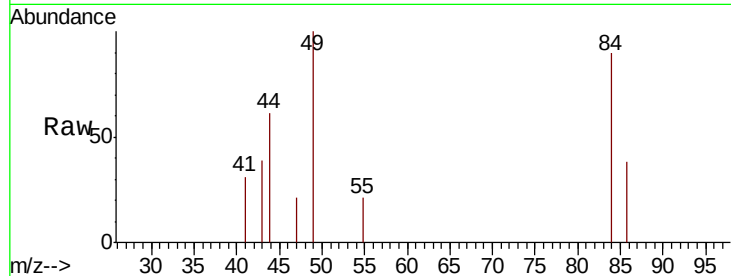




#16
Methvlene chloride
Concen: 0.118 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037508.D
Acq: 31 Mar 2020 20:22

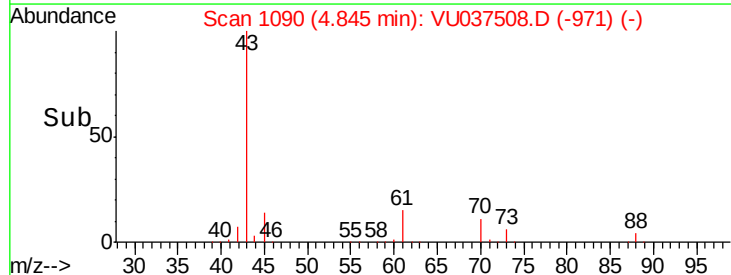
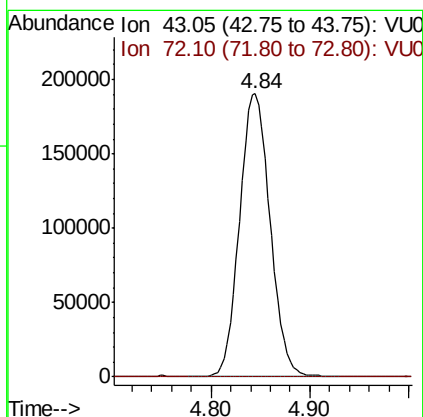
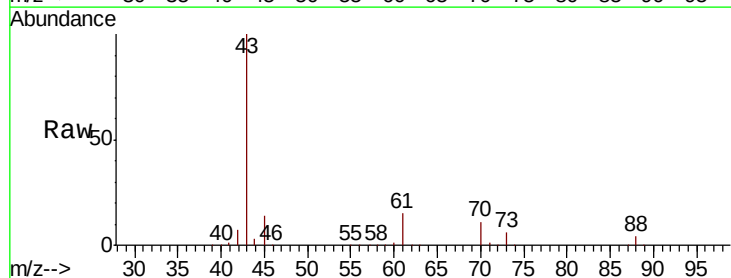
Instrument :
MSVOA_U
ClientSampleId :

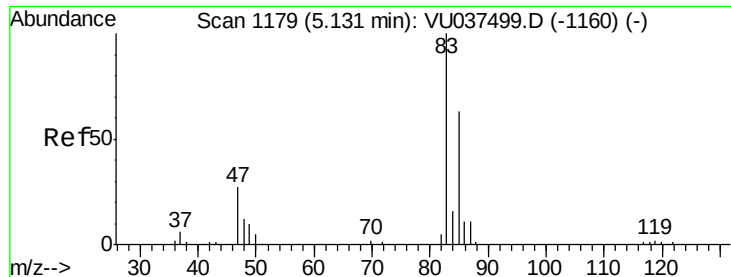
Tot Ion: 84 Resp: 749
Ion Ratio Lower Upper
84 100
86 41.7 44.7 82.9#
49 111.1 92.7 172.3



#21
2-Butanone
Concen: 214.093 ug/L
RT: 4.84 min Scan# 1090
Delta R.T. 0.08 min
Lab File: VU037508.D
Acq: 31 Mar 2020 20:22

Tgt Ion: 43 Resp: 406799
Ion Ratio Lower Upper
43 100
72 0.0 13.7 41.0#

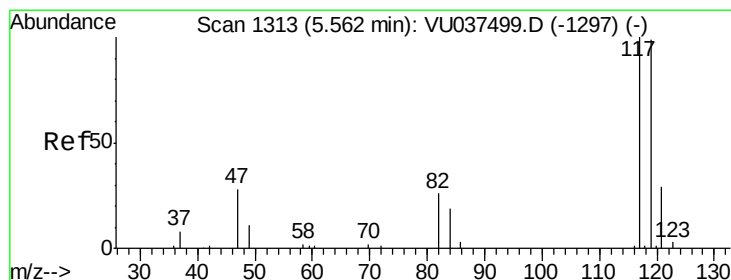
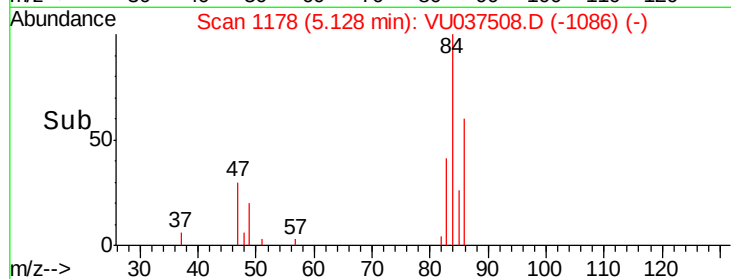
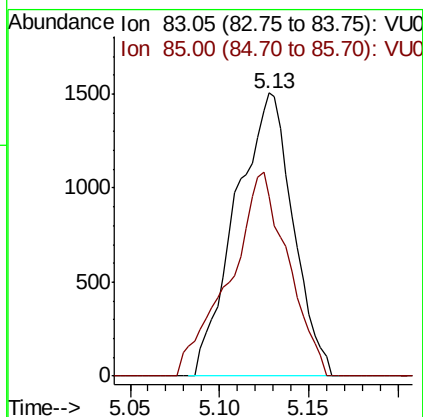
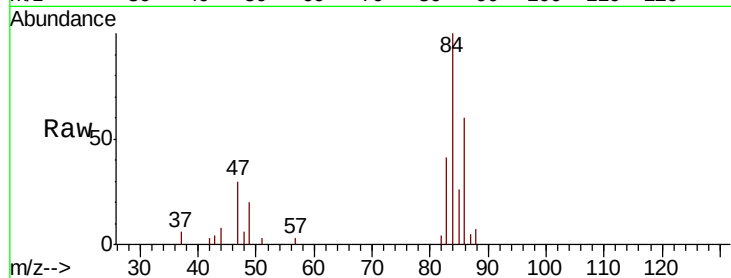




#25
Chloroform
Concen: 0.297 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037508.D
Acq: 31 Mar 2020 20:22

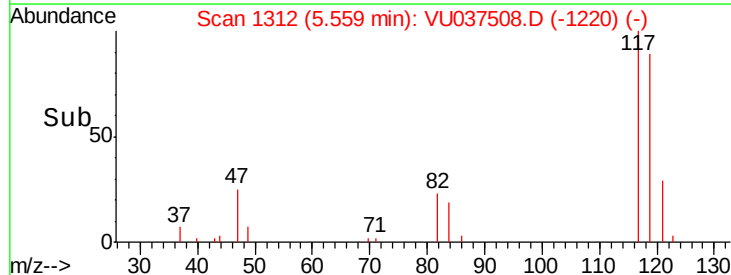
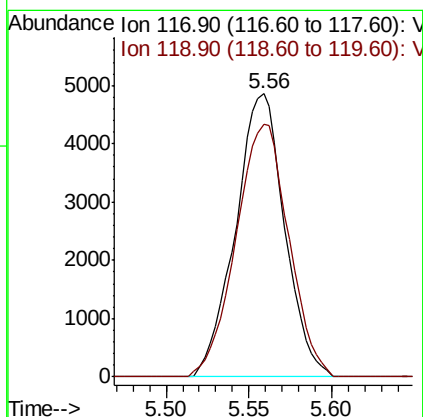
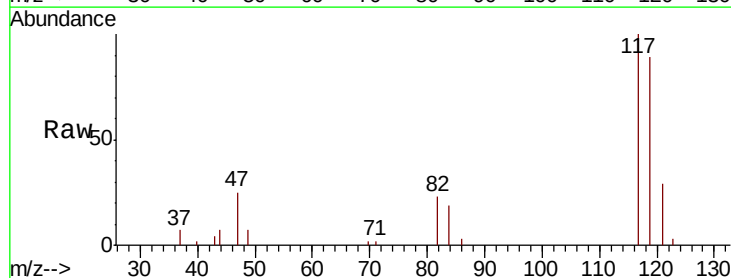
Instrument :
MSVOA_U
ClientSampled :

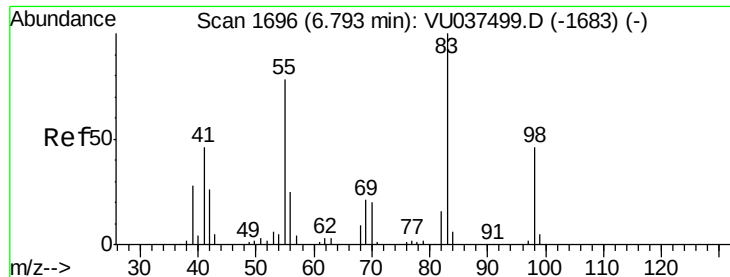
Tot Ion: 83 Resp: 3369
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9



#31
Carbon tetrachloride
Concen: 1.181 ug/L
RT: 5.56 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU037508.D
Acq: 31 Mar 2020 20:22

Tgt Ion: 117 Resp: 10028
Ion Ratio Lower Upper
117 100
119 95.8 77.6 116.4

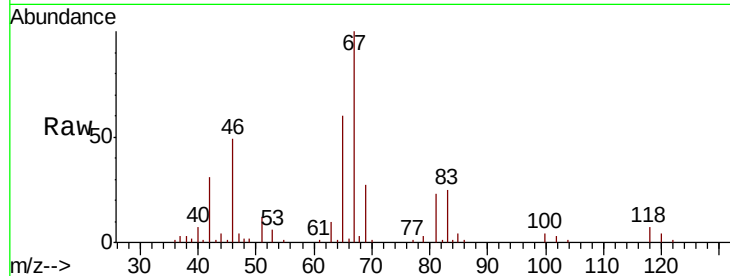




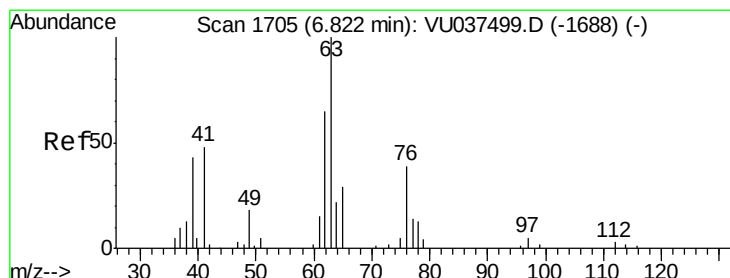
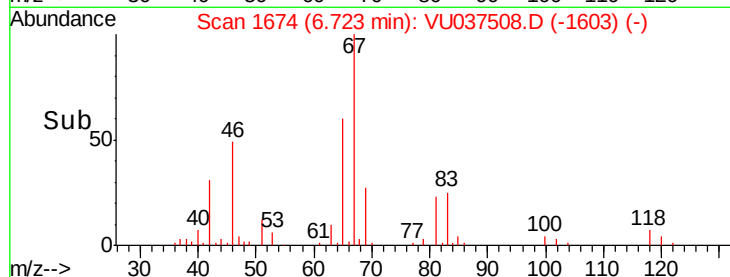
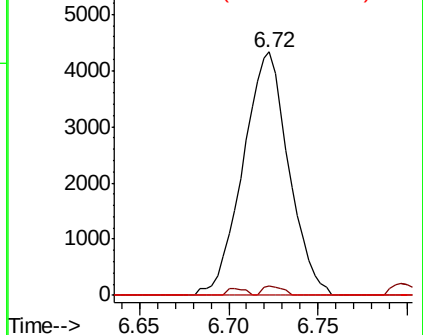
#35
Methylvlcyclohexane
Concen: 0.701 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037508.D
Acq: 31 Mar 2020 20:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7736
Ion Ratio Lower Upper
83 100
55 1.6 64.4 96.6#
98 0.0 38.2 57.2#

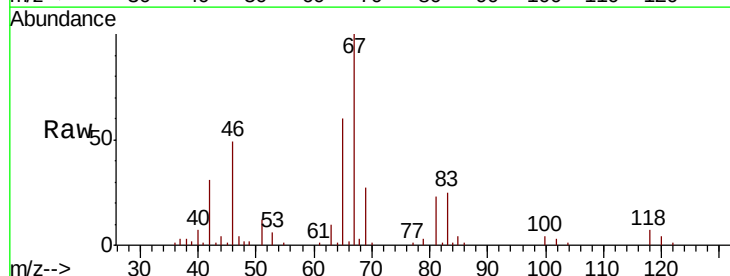


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

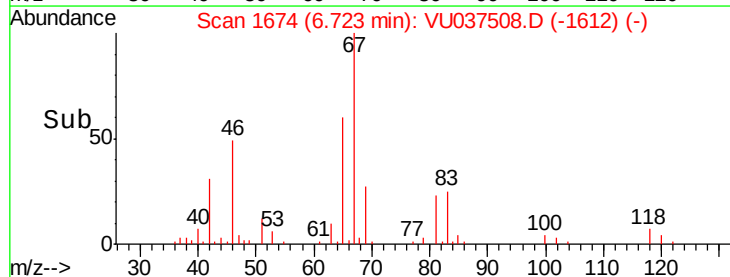
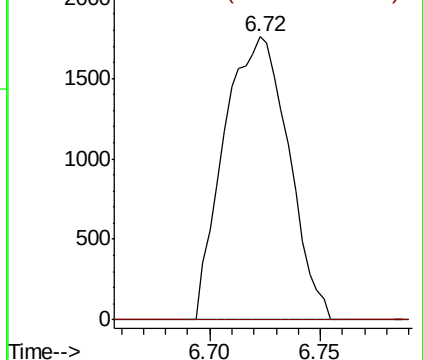


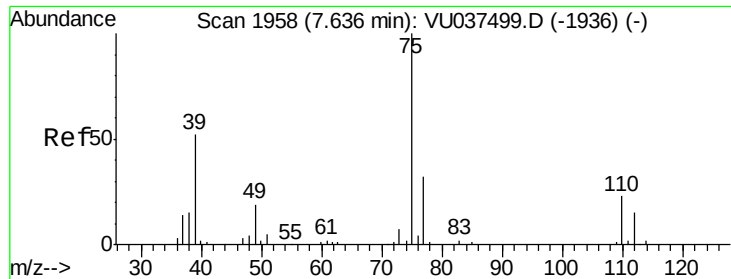
#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037508.D
Acq: 31 Mar 2020 20:22

Tgt Ion: 63 Resp: 3553
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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

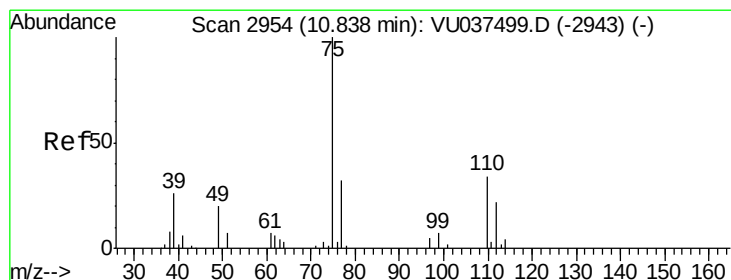
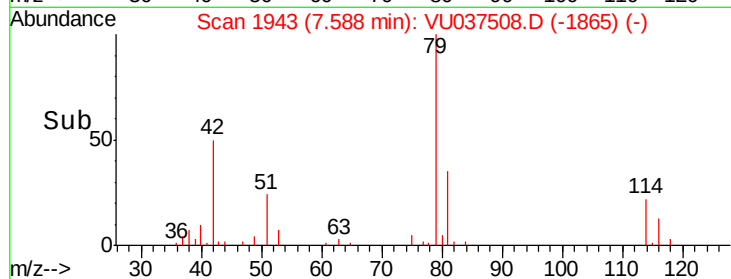
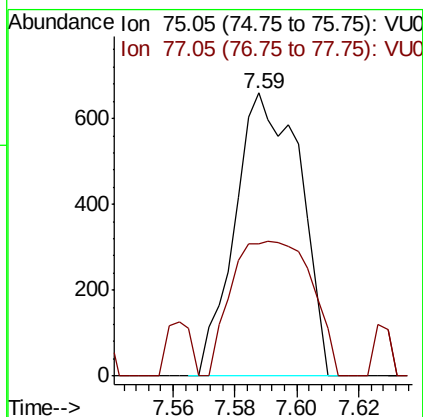
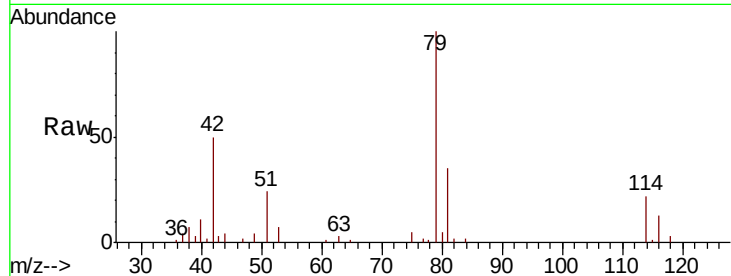




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037508.D
 Acq: 31 Mar 2020 20:22

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 970
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.421 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037508.D
 Acq: 31 Mar 2020 20:22

Tgt Ion: 75 Resp: 6552
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.2 39.2

