

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037787.D
 Acq On : 17 Apr 2020 21:47
 Operator : JC/MD
 Sample : L2296-08
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 05:21:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269949	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95948	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.93	69	81226	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	124478	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	288502	51.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.86%
24) Chloroform-d	5.10	84	161190	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	97268	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.76	84	345151	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	114819	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.92	98	313314	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.20	79	47509	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.65	63	265629	50.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88026	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	114804	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

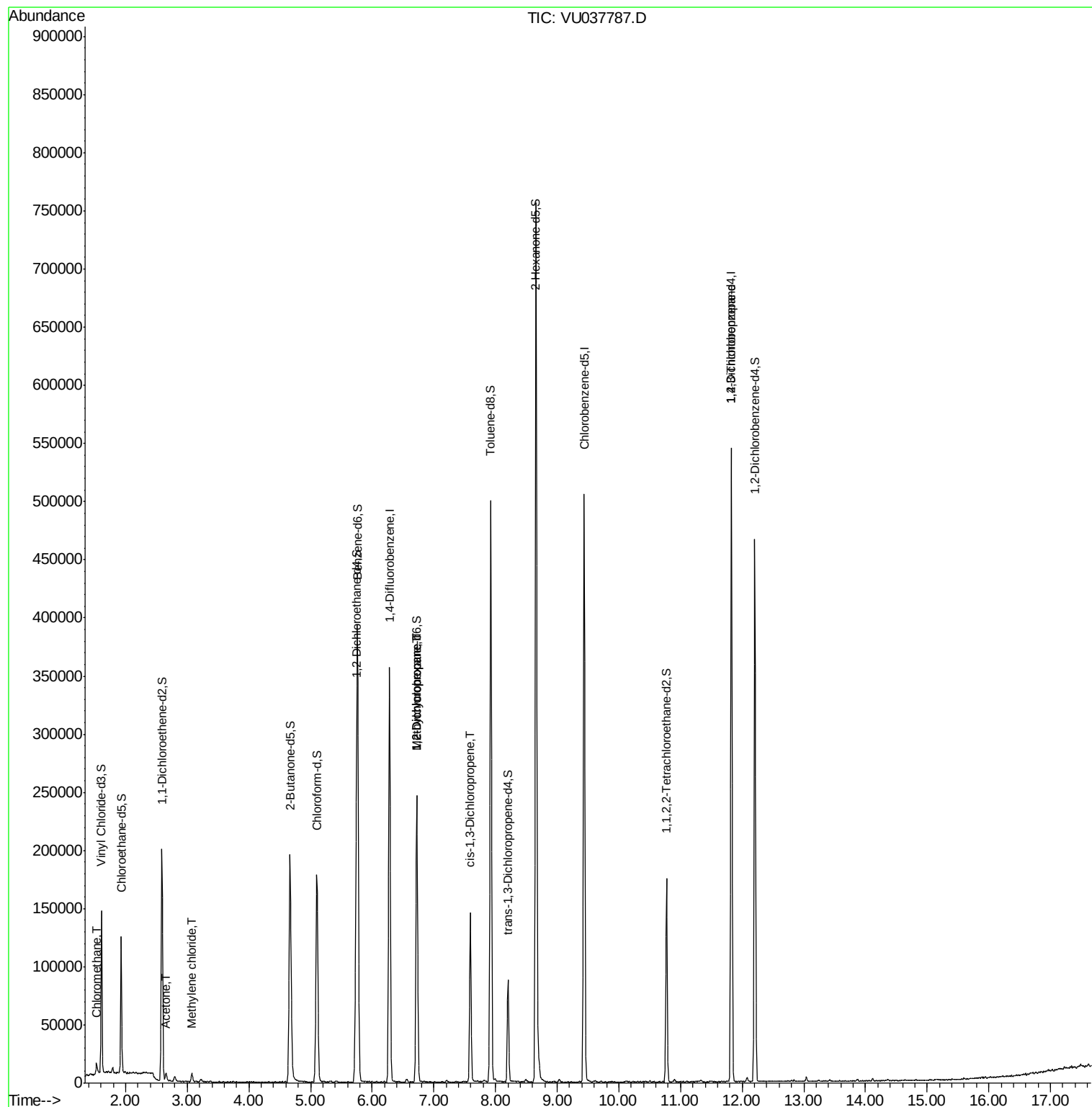
					Ovalue
3) Chloromethane	1.53	50	5271	0.182 ug/L	98
13) Acetone	2.66	43	7865	2.126 ug/L	96
16) Methylene chloride	3.08	84	3022	0.144 ug/L	95
35) Methylcyclohexane	6.72	83	25493	0.683 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12345	0.537 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3288	0.091 ug/L #	61
59) 1,2,3-Trichloropropane	11.82	75	19108	1.270 ug/L	94

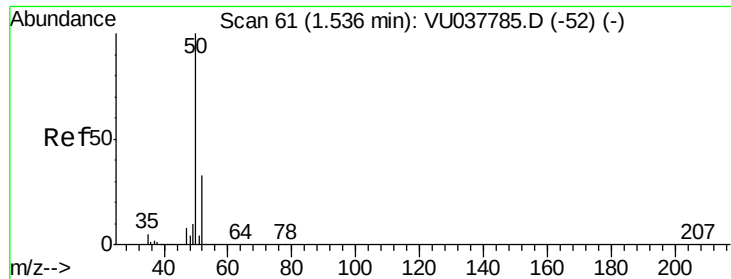
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.182 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.01 min

Lab File: VU037787.D

Acq: 17 Apr 2020 21:47

Instrument :

MSVOA_U

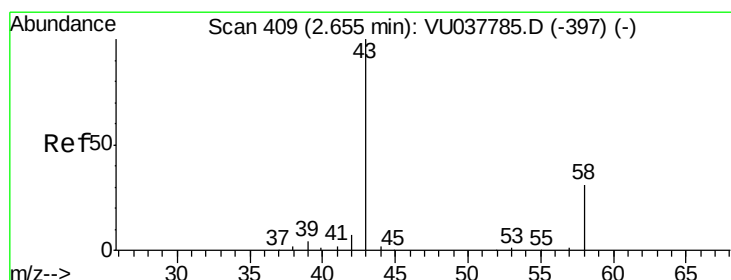
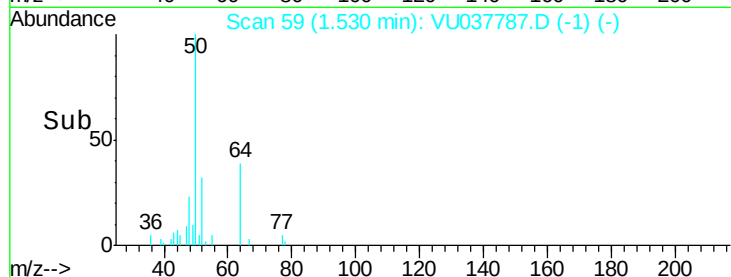
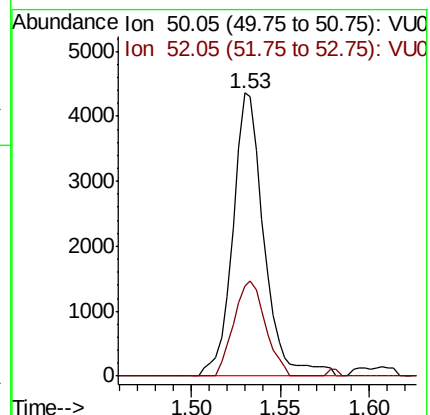
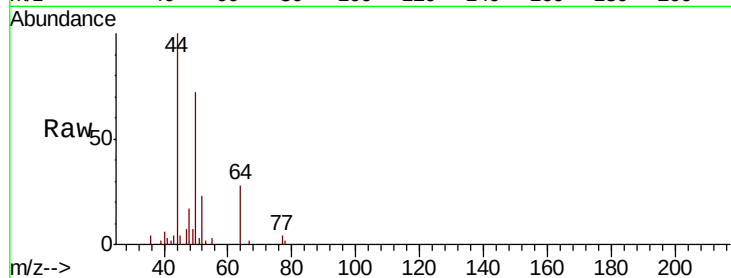
ClientSampleId :

Tot Ion: 50 Resp: 5271

Ion Ratio Lower Upper

50 100

52 31.8 23.0 42.6



#13

Acetone

Concen: 2.126 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037787.D

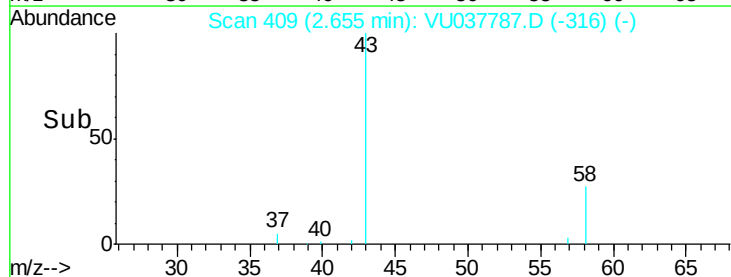
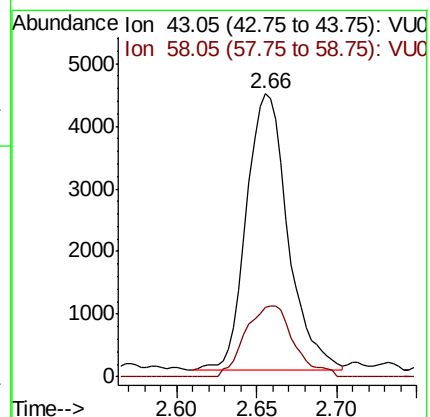
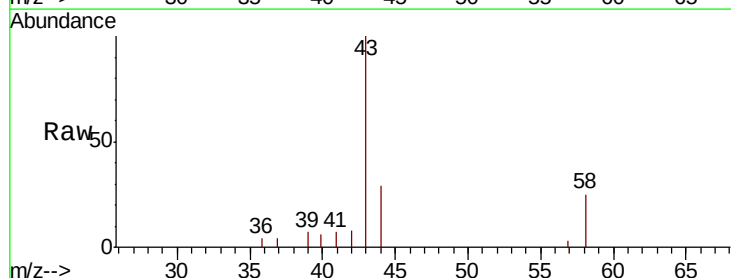
Acq: 17 Apr 2020 21:47

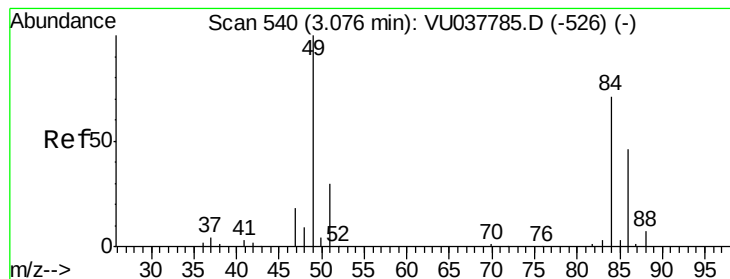
Tgt Ion: 43 Resp: 7865

Ion Ratio Lower Upper

43 100

58 29.9 0.0 64.8





#16

Methylene chloride

Concen: 0.144 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037787.D

Acq: 17 Apr 2020 21:47

Instrument :

MSVOA_U

ClientSampleId :

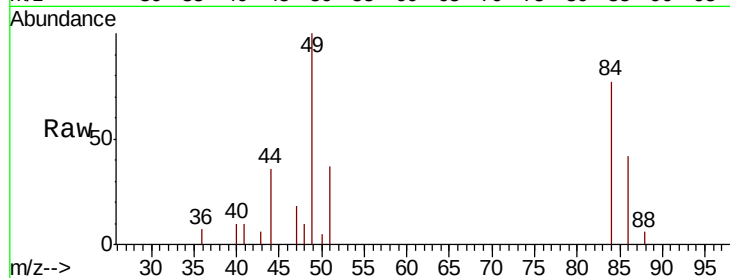
Tot Ion: 84 Resp: 3022

Ion Ratio Lower Upper

84 100

86 54.3 44.2 82.0

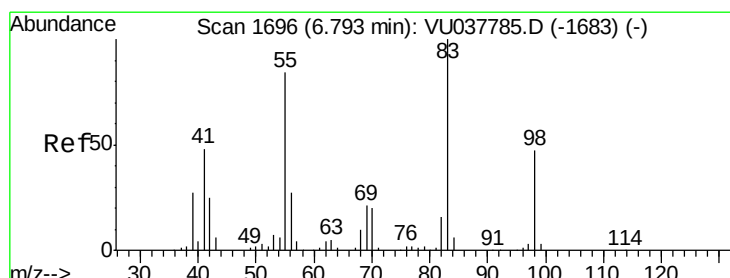
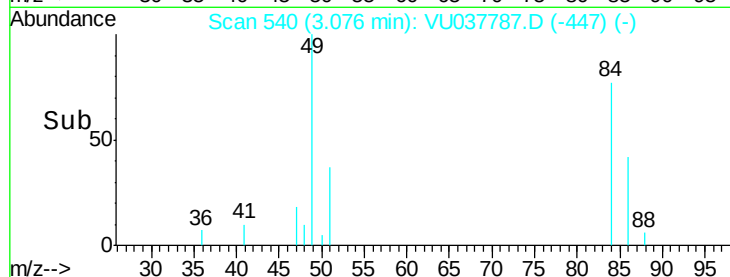
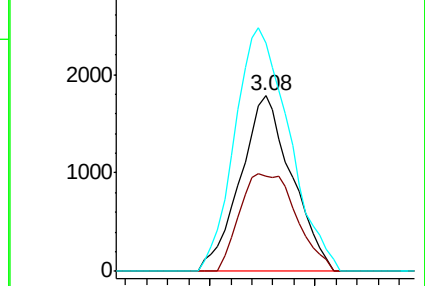
49 130.5 92.4 171.6



Abundance Ion 84.05 (83.75 to 84.75): VU037787.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU037787.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU037787.D (-447) (-)



#35

Methylcyclohexane

Concen: 0.683 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037787.D

Acq: 17 Apr 2020 21:47

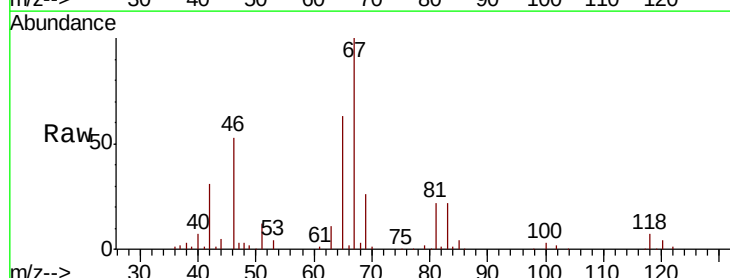
Tgt Ion: 83 Resp: 25493

Ion Ratio Lower Upper

83 100

55 0.3 65.5 98.3#

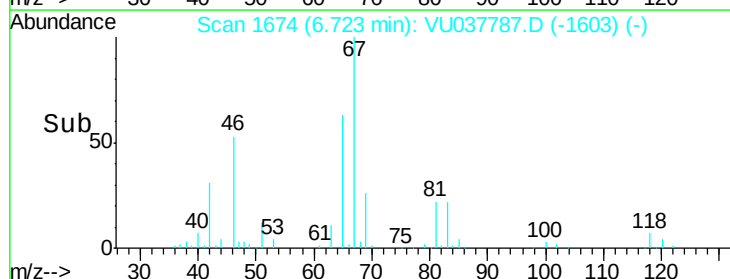
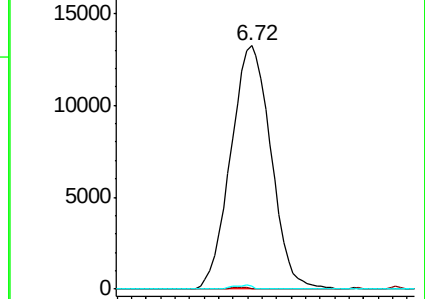
98 0.8 38.2 57.4#

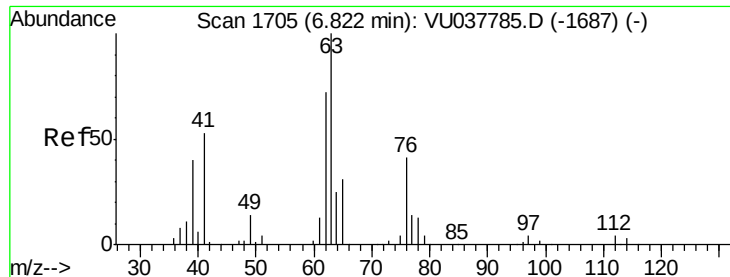


Abundance Ion 83.15 (82.85 to 83.85): VU037787.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU037787.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU037787.D (-1603) (-)

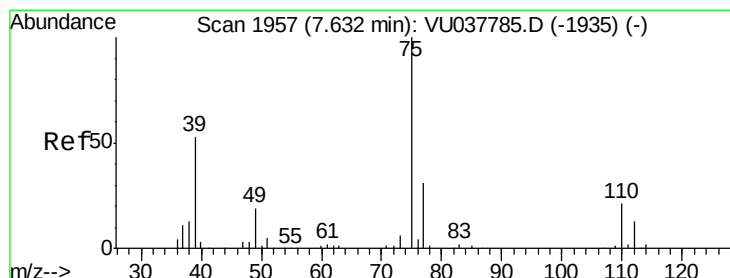
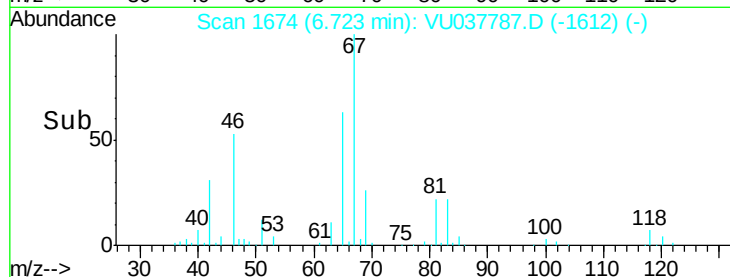
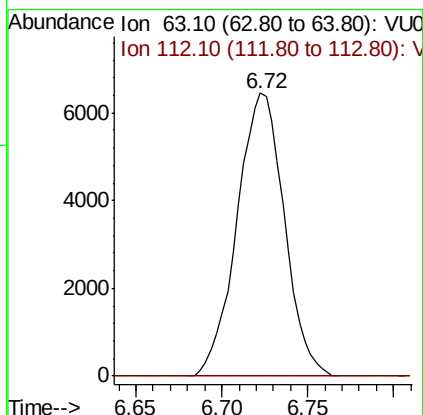
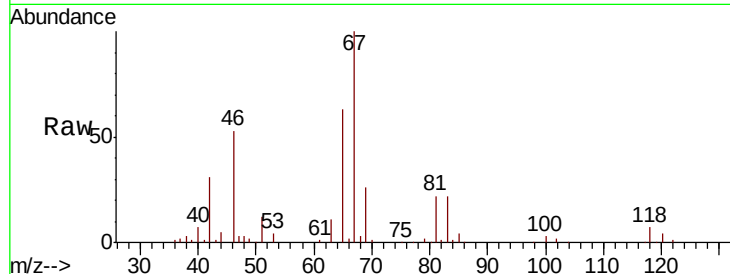




#37
 1,2-Dichloropropane
 Concen: 0.537 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037787.D
 Acq: 17 Apr 2020 21:47

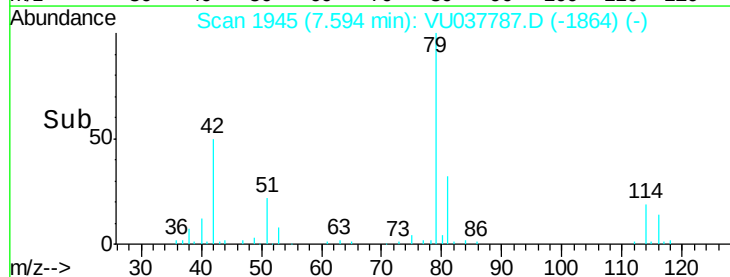
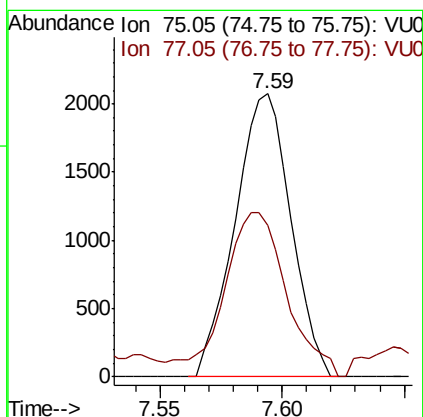
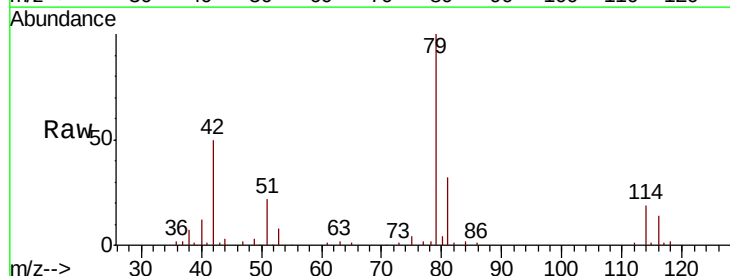
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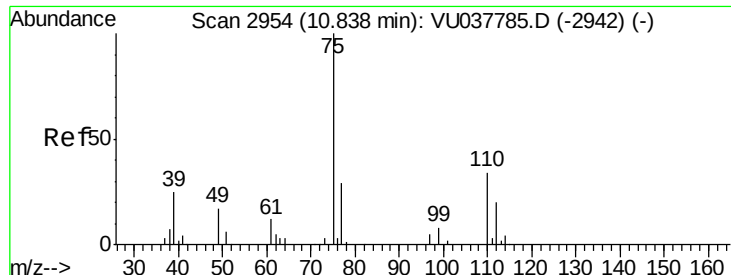
Tot Ion: 63 Resp: 12345
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037787.D
 Acq: 17 Apr 2020 21:47

Tgt Ion: 75 Resp: 3288
 Ion Ratio Lower Upper
 75 100
 77 53.3 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 1.270 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037787.D

Acq: 17 Apr 2020 21:47

Instrument :

MSVOA_U

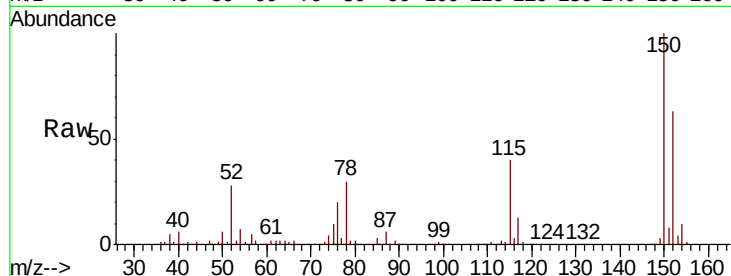
ClientSampleId :

Tot Ion: 75 Resp: 19108

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

