

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037717.D
 Acq On : 14 Apr 2020 23:09
 Operator : JC/MD
 Sample : L2275-17
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 03:06:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 03:02:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	273501	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102520	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.93	69	87169	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.59	63	135292	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.66	46	289719	50.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.94%
24) Chloroform-d	5.10	84	155548	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.74	65	97213	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.76	84	356559	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	116188	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.92	98	322924	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	49922	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.65	63	259805	48.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89481	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	111992	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

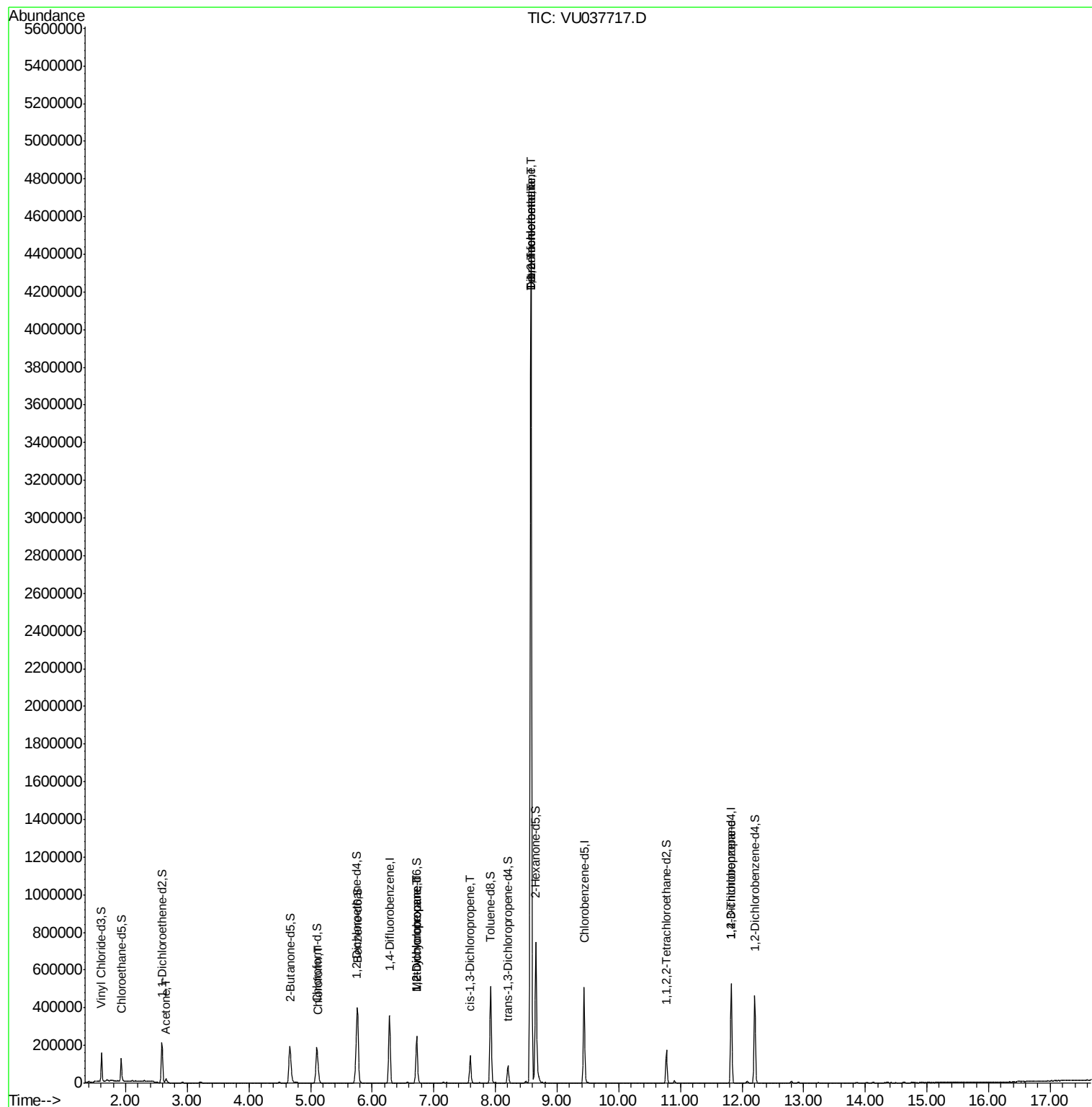
					Ovalue
13) Acetone	2.66	43	23131	6.172	ug/L 98
25) Chloroform	5.13	83	26581	0.707	ug/L 91
35) Methylcyclohexane	6.72	83	25851	0.693	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	12665	0.551	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	3449	0.096	ug/L # 56
45) 1,1,2-Trichloroethane	8.57	97	9276	0.599	ug/L # 1
47) Tetrachloroethane	8.57	164	984433	64.318	ug/L 99
49) Dibromochloromethane	8.57	129	946286	53.456	ug/L # 11
59) 1,2,3-Trichloropropane	11.83	75	18250	1.213	ug/L 95

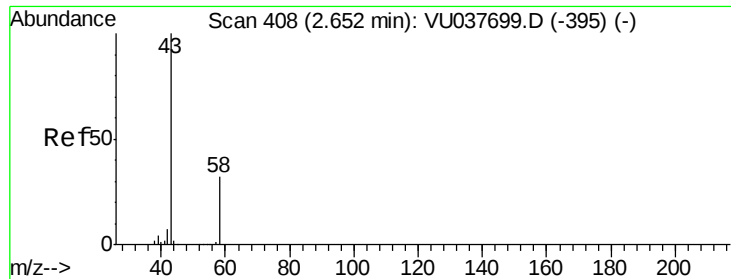
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.172 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037717.D

Acq: 14 Apr 2020 23:09

Instrument :

MSVOA_U

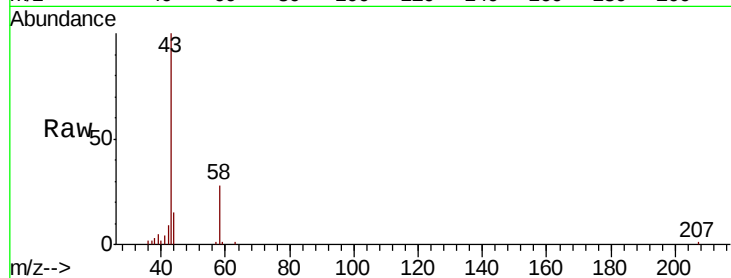
ClientSampled :

Tot Ion: 43 Resp: 23131

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037717.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU037717.D (-315) (-)

15000

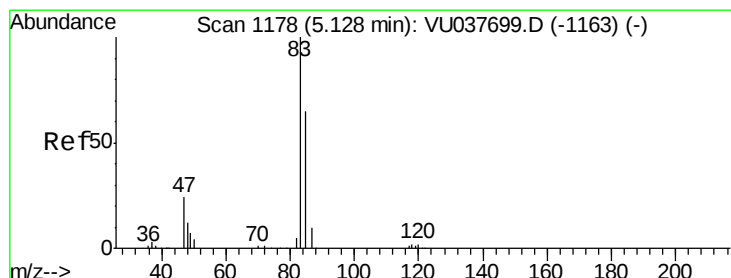
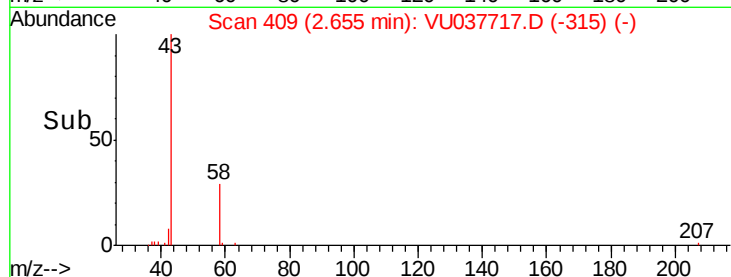
10000

5000

0

2.60 2.65 2.70

Time-->



#25

Chloroform

Concen: 0.707 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037717.D

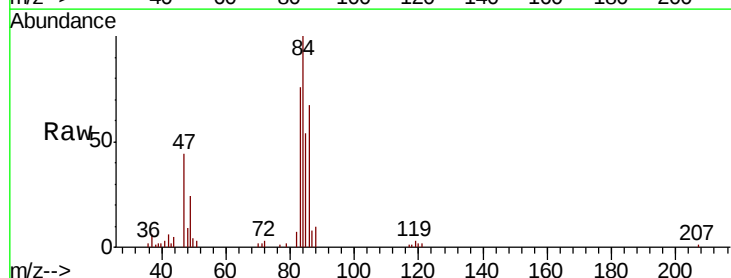
Acq: 14 Apr 2020 23:09

Tgt Ion: 83 Resp: 26581

Ion Ratio Lower Upper

83 100

85 71.5 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037717.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037717.D (-1085) (-)

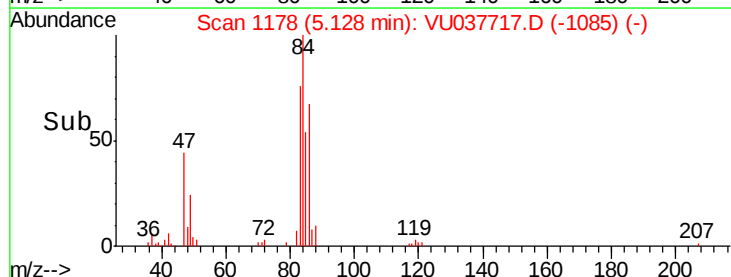
10000

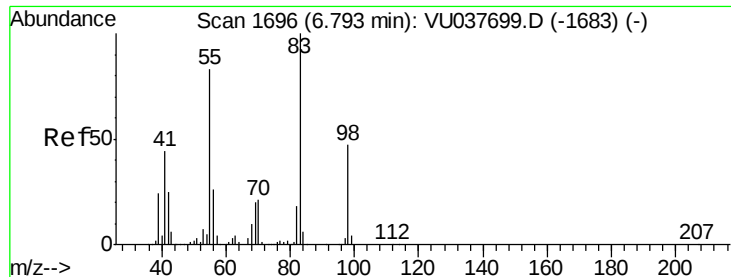
5000

0

5.05 5.10 5.15 5.20

Time-->





#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037717.D

Acq: 14 Apr 2020 23:09

Instrument :

MSVOA_U

ClientSampleId :

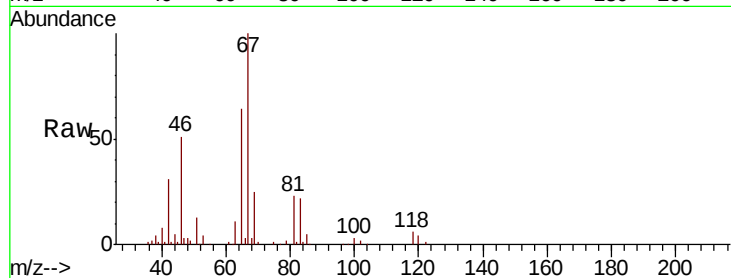
Tot Ion: 83 Resp: 25851

Ion Ratio Lower Upper

83 100

55 1.0 65.5 98.3#

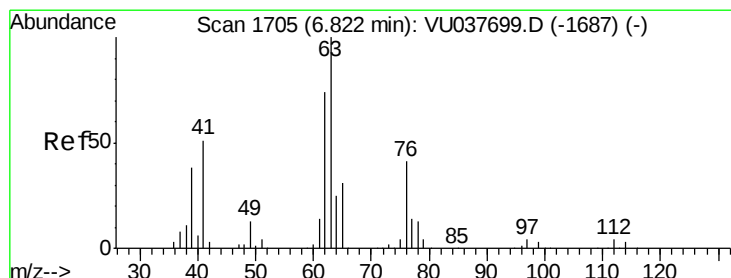
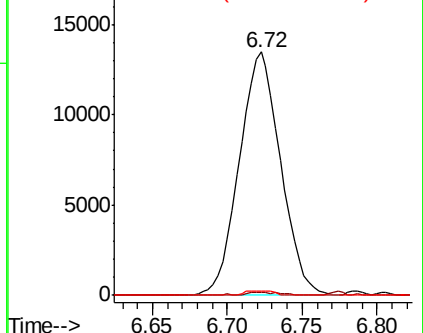
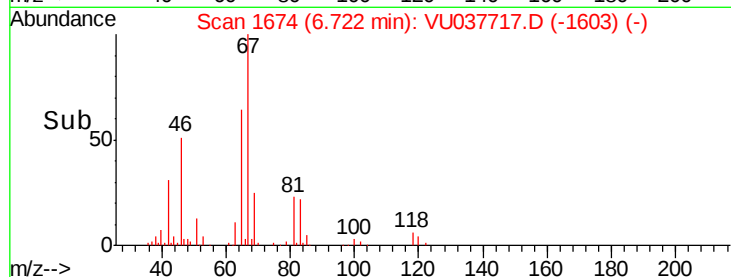
98 1.2 38.2 57.4#



Abundance Ion 83.15 (82.85 to 83.85): VU037717.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU037717.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU037717.D (-1603) (-)



#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037717.D

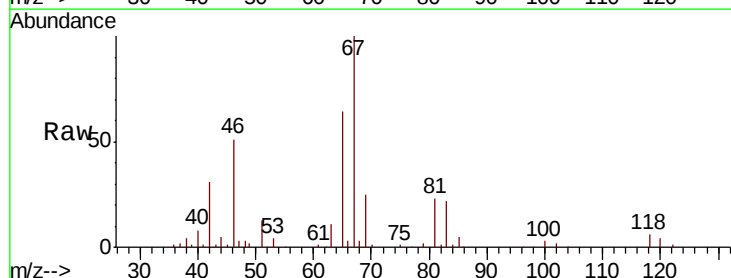
Acq: 14 Apr 2020 23:09

Tgt Ion: 63 Resp: 12665

Ion Ratio Lower Upper

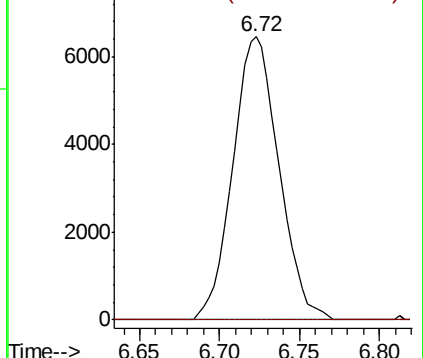
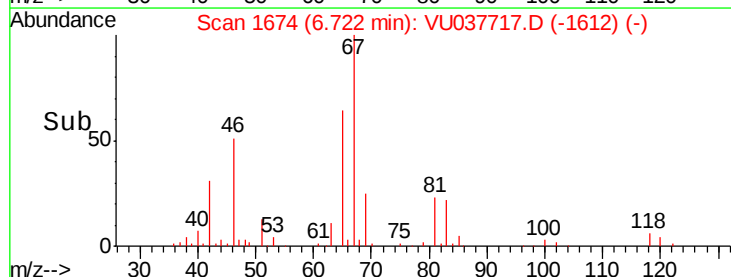
63 100

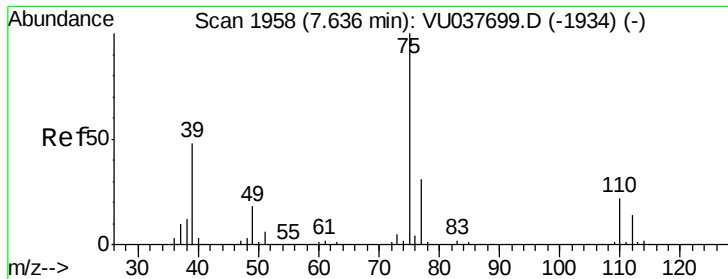
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU037717.D (-1612) (-)

Ion 112.10 (111.80 to 112.80): VU037717.D (-1612) (-)



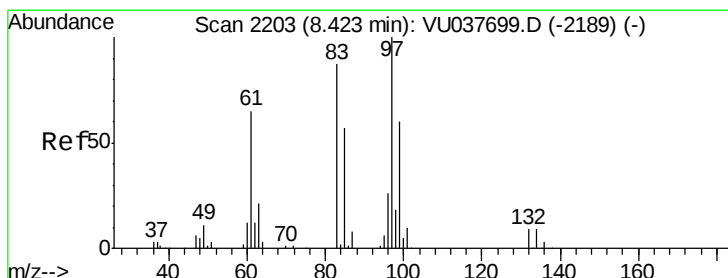
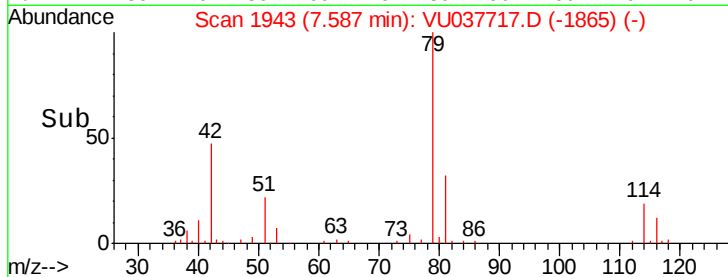
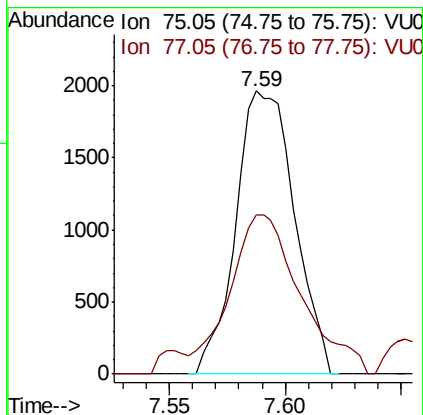
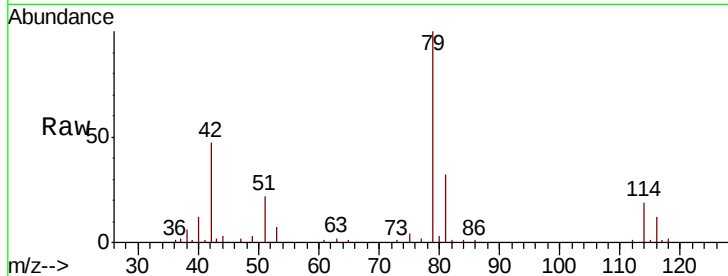


#39

cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037717.D
 Acq: 14 Apr 2020 23:09

Instrument :
 MSVOA_U
 ClientSampleId :

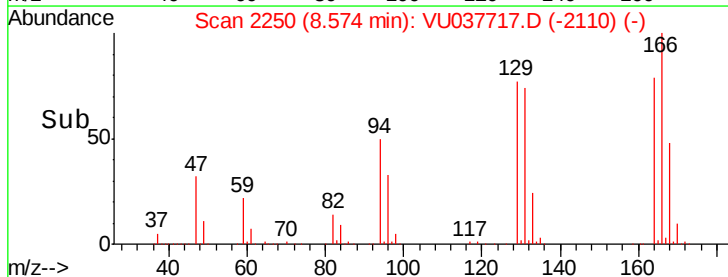
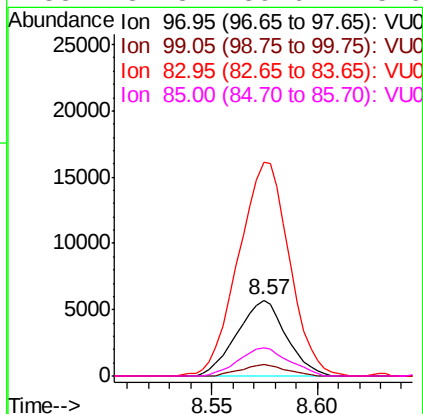
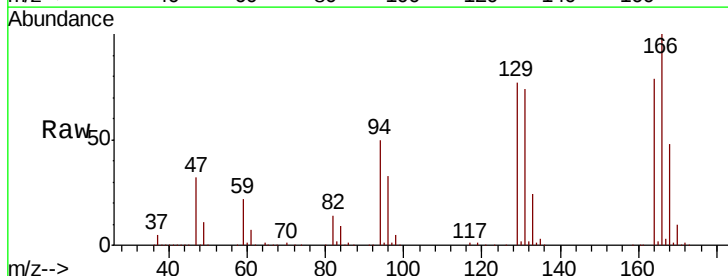
Tot Ion: 75 Resp: 3449
 Ion Ratio Lower Upper
 75 100
 77 56.3 22.2 41.2#

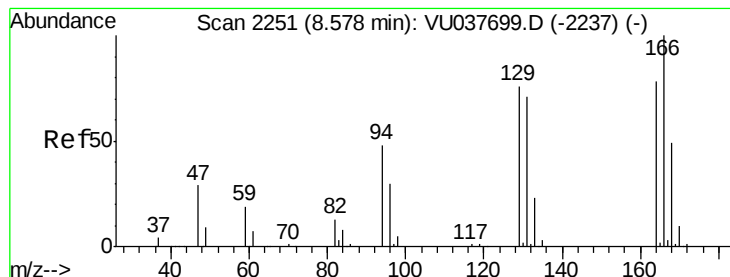


#45

1,1,2-Trichloroethane
 Concen: 0.599 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.15 min
 Lab File: VU037717.D
 Acq: 14 Apr 2020 23:09

Tgt Ion: 97 Resp: 9276
 Ion Ratio Lower Upper
 97 100
 99 15.2 43.1 80.1#
 83 281.2 62.4 116.0#
 85 37.3 39.6 73.6#





#47

Tetrachloroethene

Concen: 64.318 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037717.D

Acq: 14 Apr 2020 23:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 984433

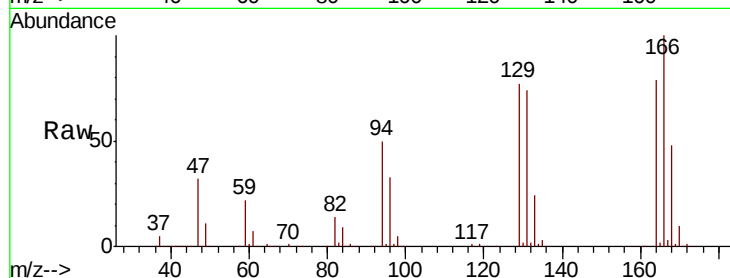
Ion Ratio Lower Upper

164 100

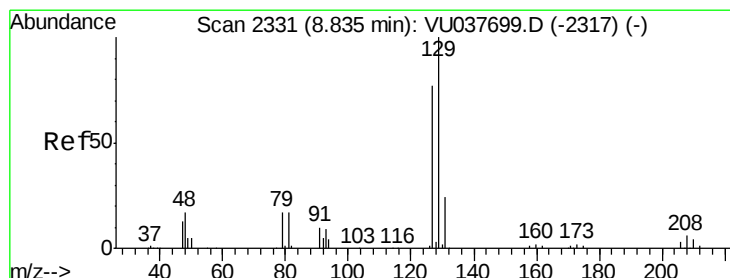
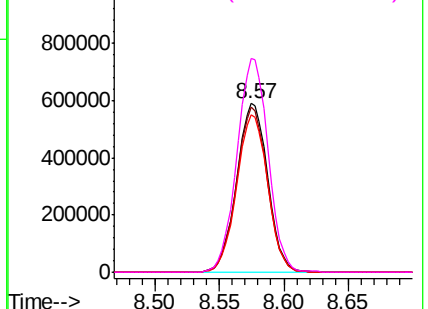
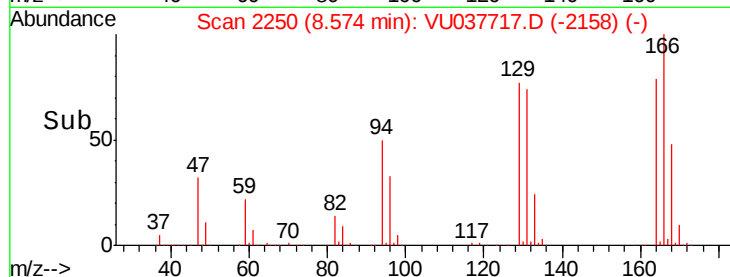
129 97.5 68.1 126.5

131 93.5 65.9 122.5

166 126.6 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 53.456 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037717.D

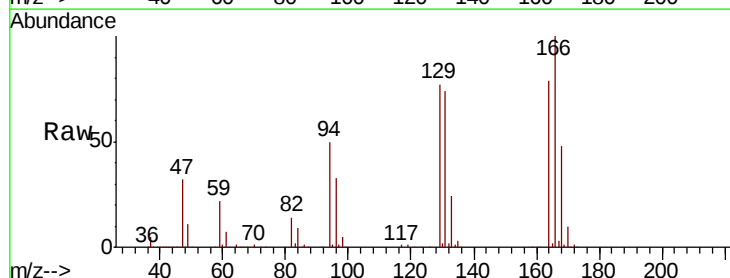
Acq: 14 Apr 2020 23:09

Tgt Ion:129 Resp: 946286

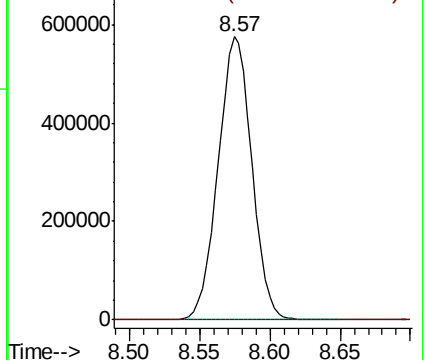
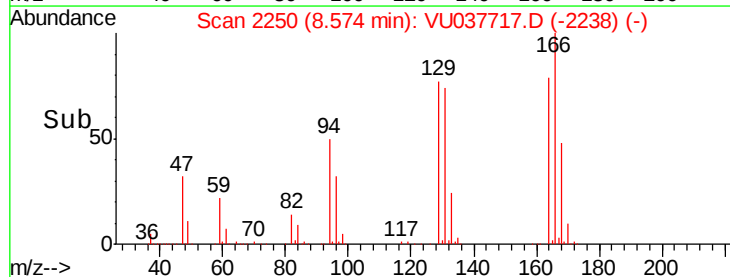
Ion Ratio Lower Upper

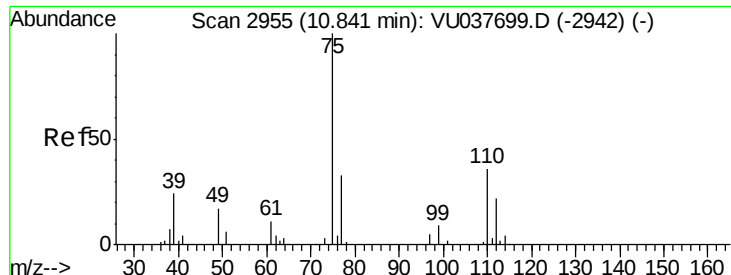
129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59
 1,2,3-Trichloropropane
 Concen: 1.213 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037717.D
 Acq: 14 Apr 2020 23:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 18250
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.4 38.2

