

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037707.D
 Acq On : 14 Apr 2020 19:02
 Operator : JC/MD
 Sample : L2275-07
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 03:05:09 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	298093	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115289	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.93	69	95640	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	149066	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.66	46	315903	50.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.98%
24) Chloroform-d	5.10	84	170539	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	102724	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.76	84	390414	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.72	67	127589	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.92	98	355029	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.20	79	56179	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.65	63	281350	48.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96054	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	125662	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

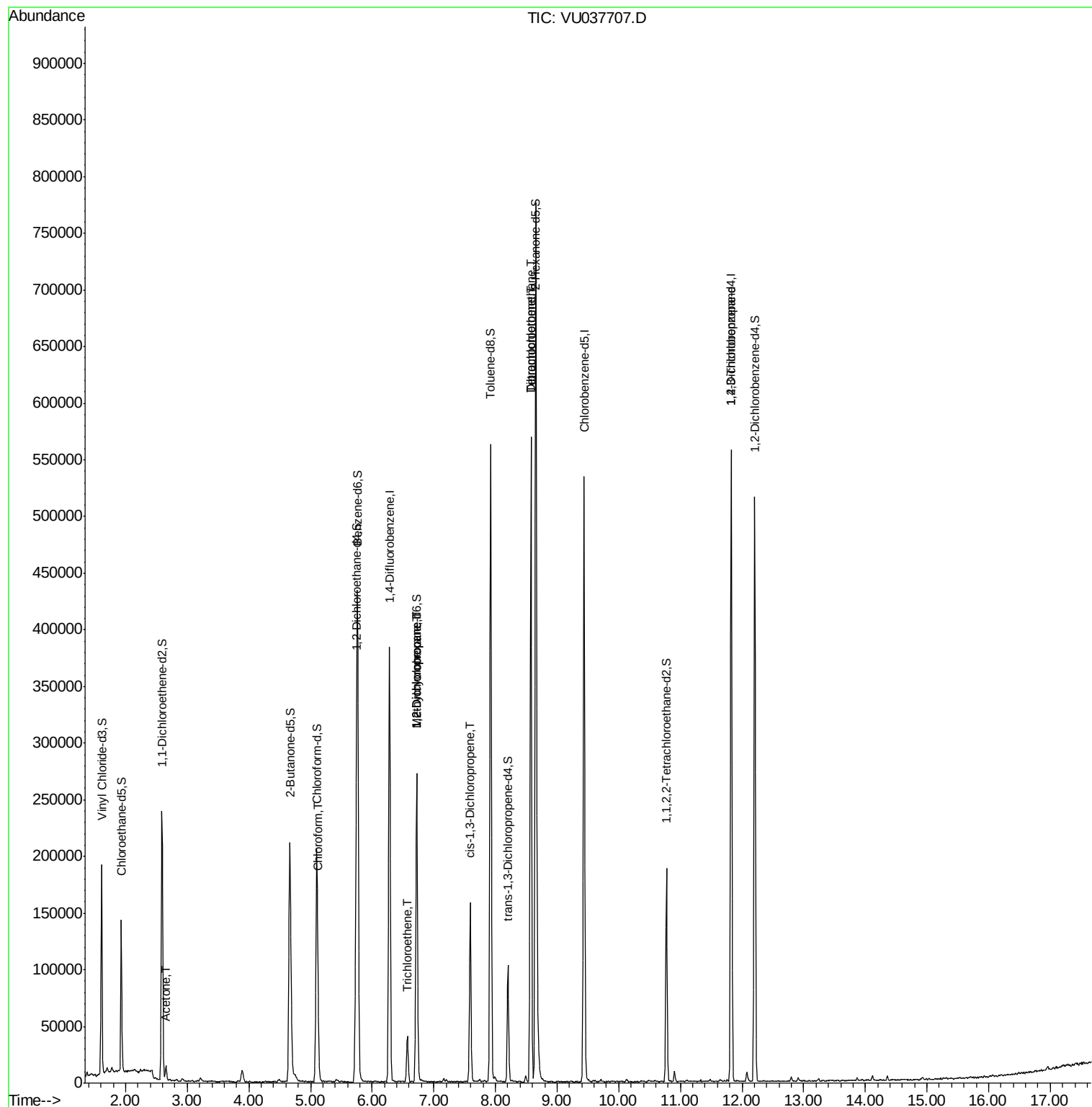
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	13996	3.427	ug/L	94
25) Chloroform	5.12	83	11419	0.279	ug/L	97
34) Trichloroethene	6.57	95	13954	0.603	ug/L	97
35) Methylcyclohexane	6.72	83	28305	0.698	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13638	0.546	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3617	0.093	ug/L #	71
47) Tetrachloroethene	8.57	164	121608	7.312	ug/L	99
49) Dibromochloromethane	8.57	129	114614	5.959	ug/L #	11
59) 1,2,3-Trichloropropane	11.82	75	18608	1.138	ug/L #	89

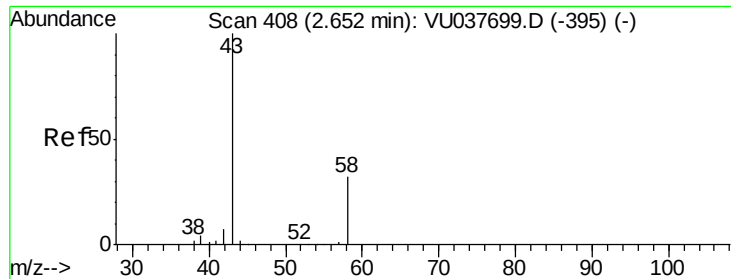
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.427 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037707.D

Acq: 14 Apr 2020 19:02

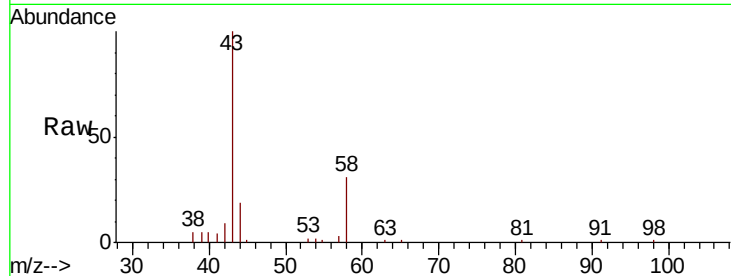
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 13996

Ion Ratio Lower Upper

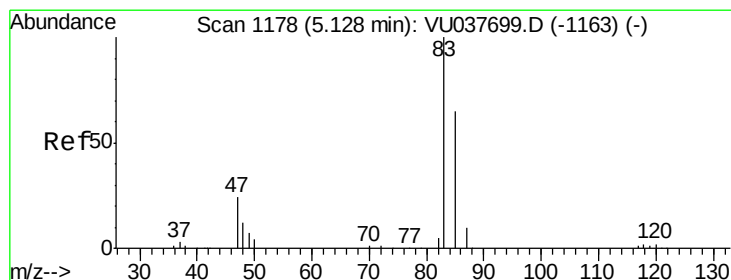
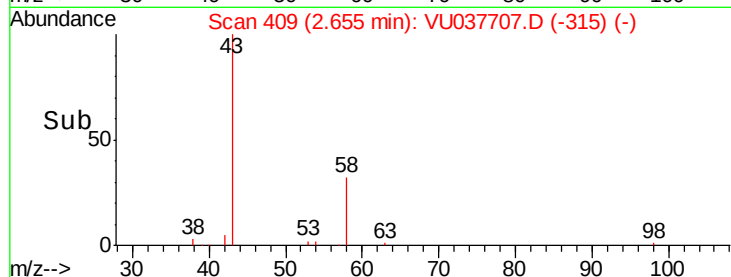
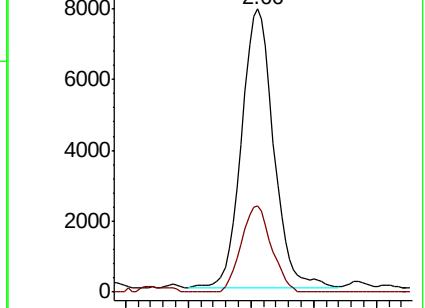
43 100

58 29.1 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037707.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU037707.D (-315) (-)



#25

Chloroform

Concen: 0.279 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037707.D

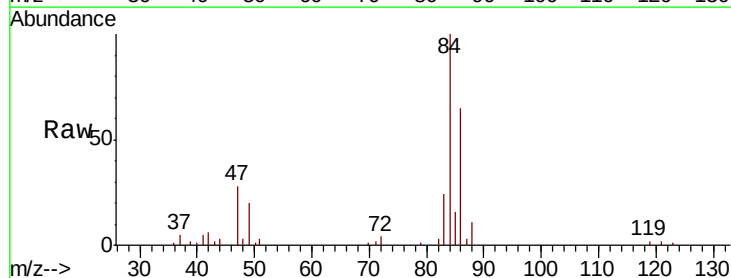
Acq: 14 Apr 2020 19:02

Tgt Ion: 83 Resp: 11419

Ion Ratio Lower Upper

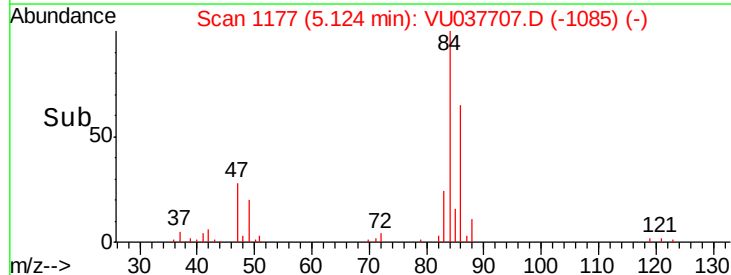
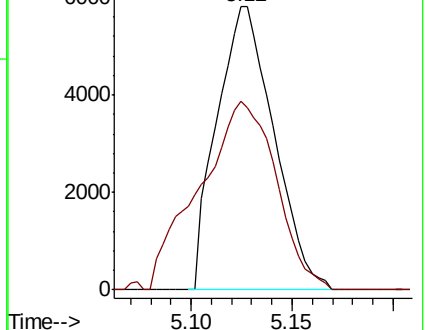
83 100

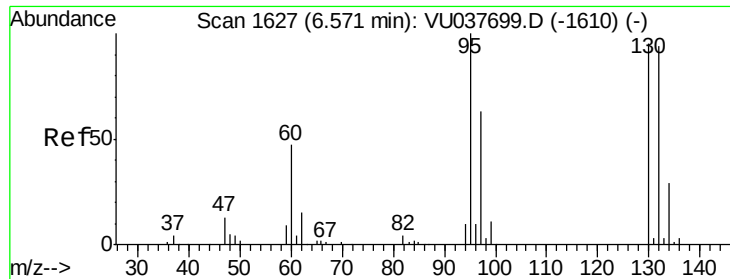
85 66.4 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037707.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037707.D (-1085) (-)





#34

Trichloroethene

Concen: 0.603 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037707.D

Acq: 14 Apr 2020 19:02

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 95 Resp: 13954

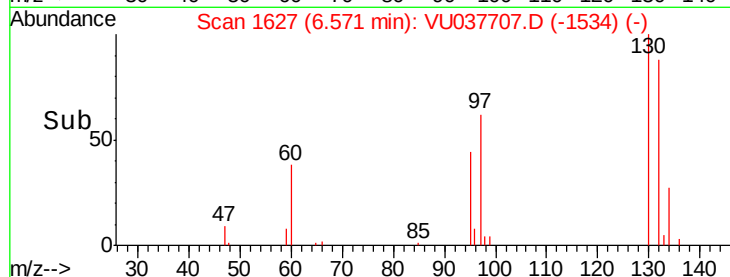
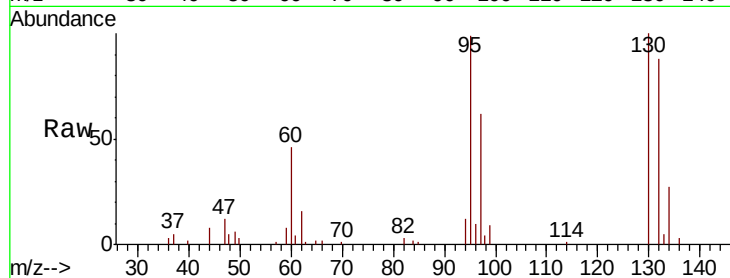
Ion Ratio Lower Upper

95 100

97 62.5 45.4 84.2

132 88.5 63.7 118.3

130 101.0 68.7 127.5

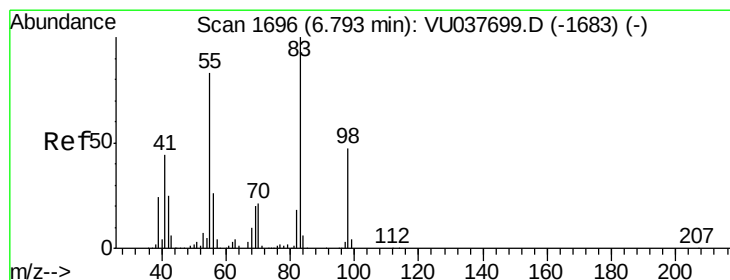
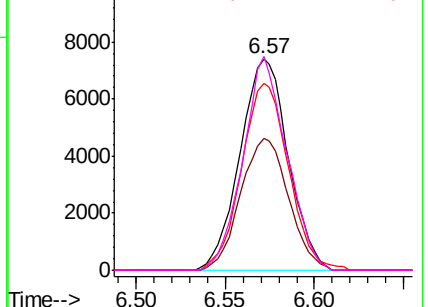


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037707.D

Acq: 14 Apr 2020 19:02

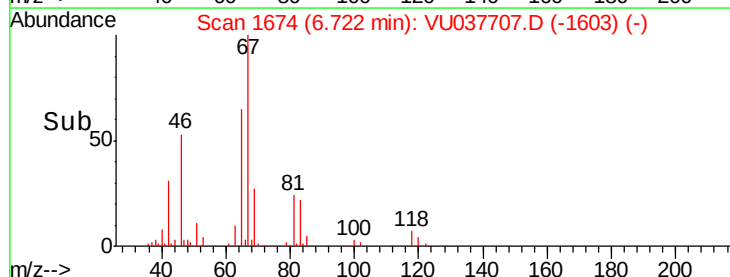
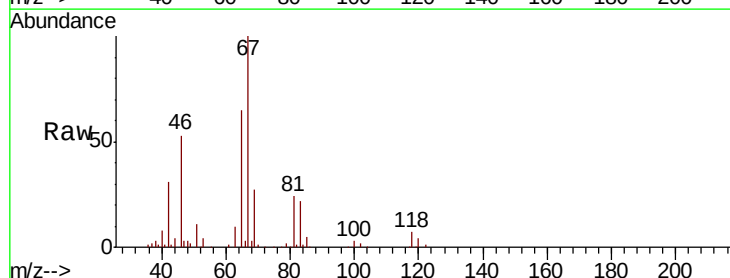
Tgt Ion: 83 Resp: 28305

Ion Ratio Lower Upper

83 100

55 0.5 65.5 98.3#

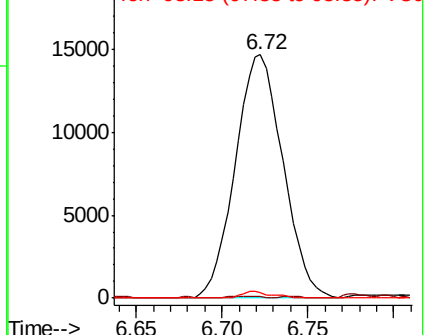
98 1.6 38.2 57.4#

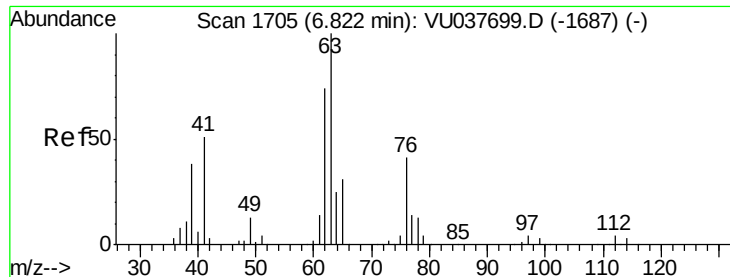


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

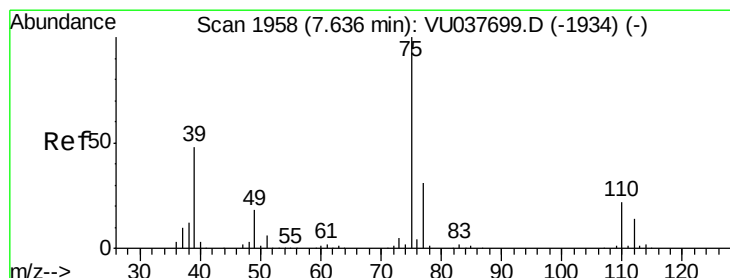
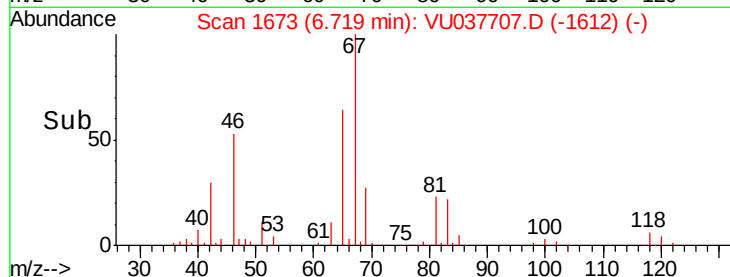
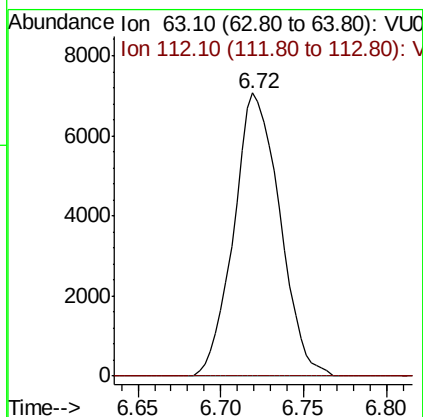
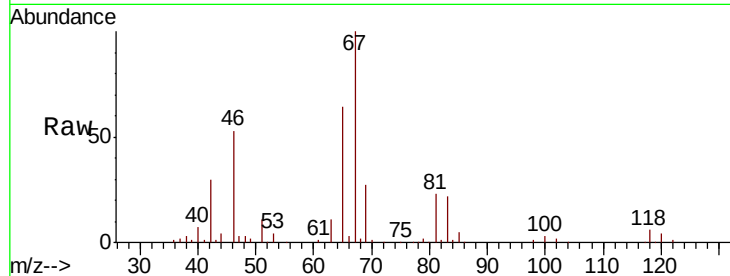




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU037707.D
 Acq: 14 Apr 2020 19:02

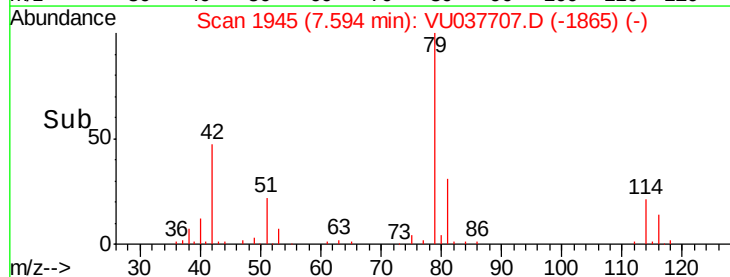
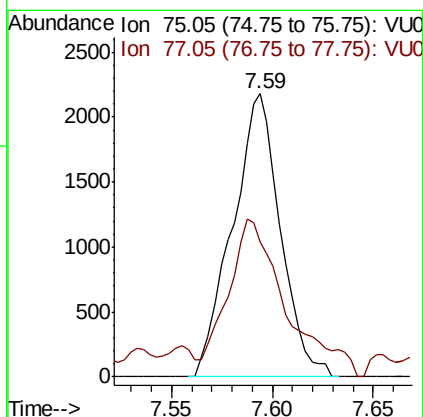
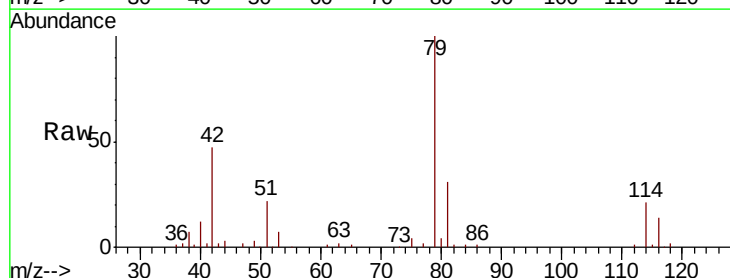
Instrument :
 MSVOA_U
 ClientSampleId :

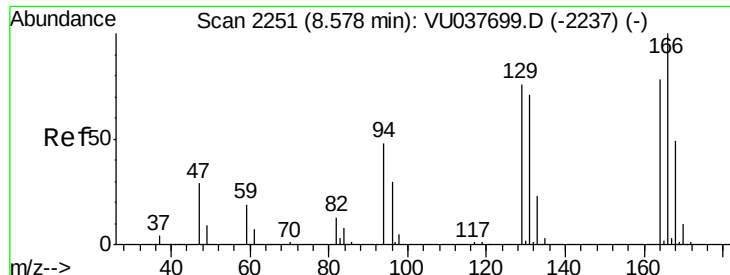
Tot Ion: 63 Resp: 13638
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037707.D
 Acq: 14 Apr 2020 19:02

Tgt Ion: 75 Resp: 3617
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.2 41.2#





#47

Tetrachloroethene

Concen: 7.312 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037707.D

Acq: 14 Apr 2020 19:02

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 121608

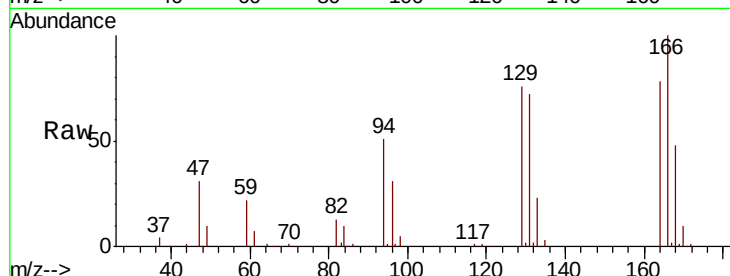
Ion Ratio Lower Upper

164 100

129 97.2 68.1 126.5

131 92.7 65.9 122.5

166 128.0 89.7 166.7

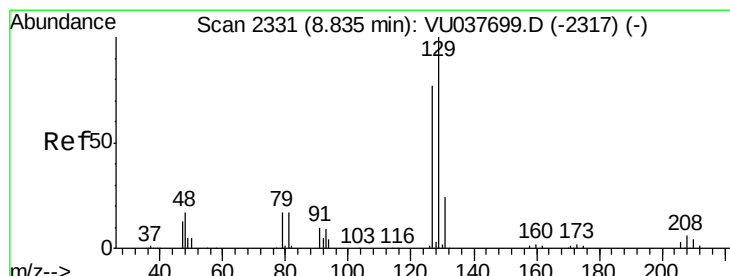
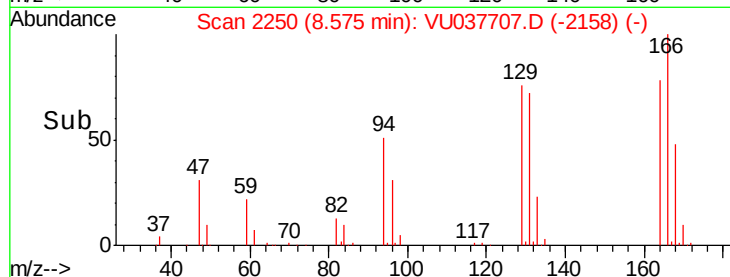
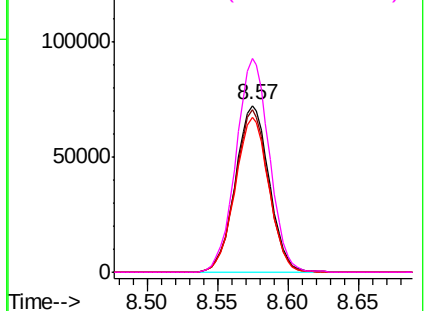


Abundance Ion 163.90 (163.60 to 164.60): V

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: 5.959 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037707.D

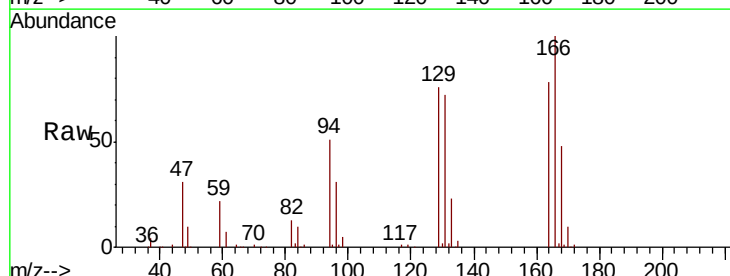
Acq: 14 Apr 2020 19:02

Tgt Ion:129 Resp: 114614

Ion Ratio Lower Upper

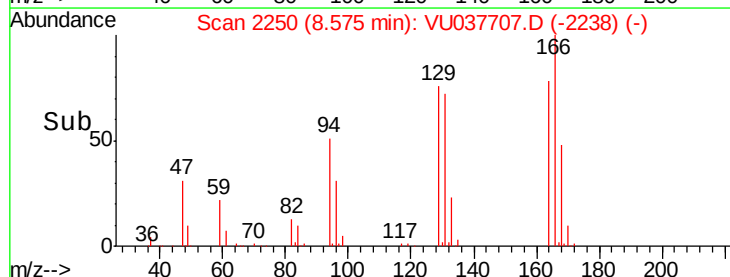
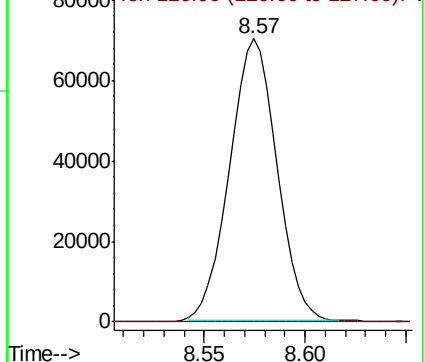
129 100

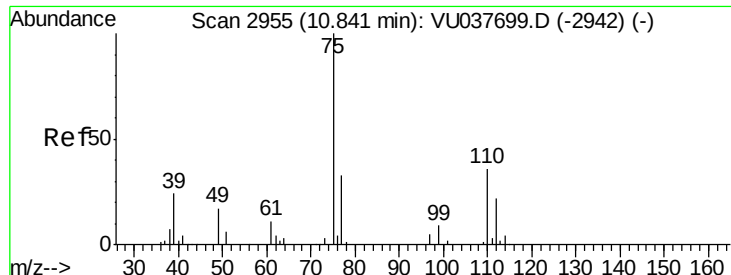
127 0.0 53.3 98.9#



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: 1.138 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037707.D

Acq: 14 Apr 2020 19:02

Instrument :

MSVOA_U

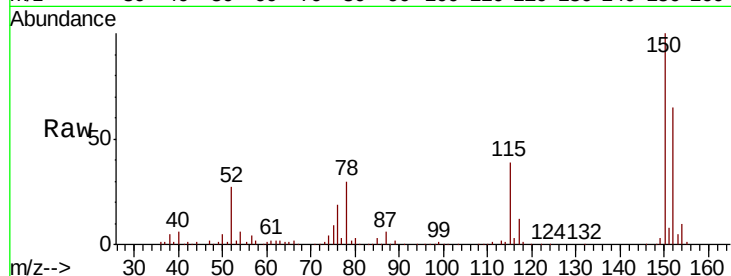
ClientSampleId :

Tot Ion: 75 Resp: 18608

Ion Ratio Lower Upper

75 100

77 38.2 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

