

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037713.D
 Acq On : 14 Apr 2020 21:31
 Operator : JC/MD
 Sample : L2275-13
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 03:05:59 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	290366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	272484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133946	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105274	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	90430	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	141744	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.66	46	304750	50.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.00%
24) Chloroform-d	5.10	84	173417	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	99873	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	369004	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.72	67	123518	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.92	98	333851	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.20	79	52661	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.65	63	276406	50.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92473	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	117503	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

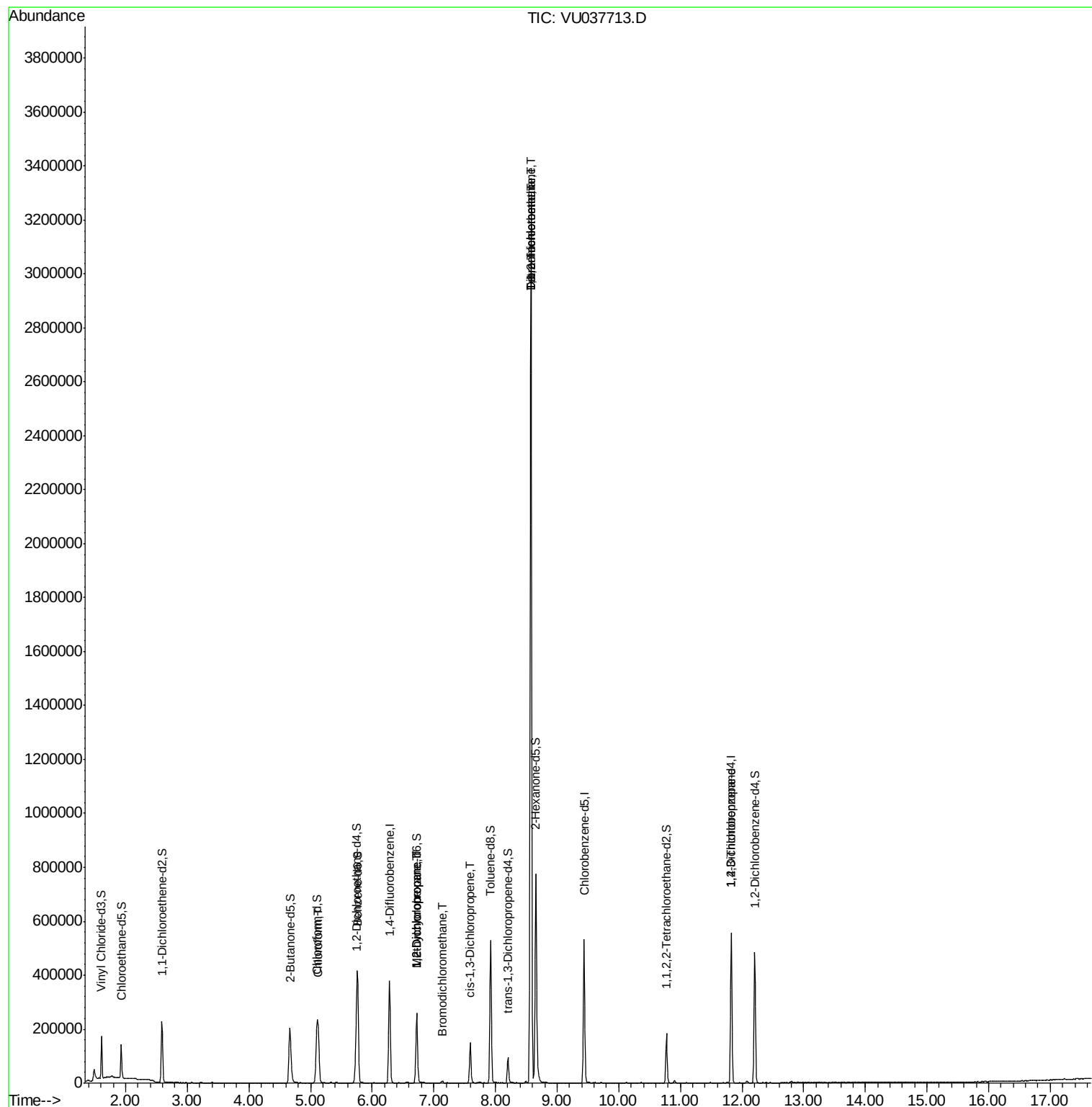
					Ovalue
25) Chloroform	5.13	83	136633	3.423 ug/L	98
35) Methylcyclohexane	6.72	83	26526	0.684 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12981	0.544 ug/L #	87
38) Bromodichloromethane	7.13	83	4823	0.170 ug/L	97
39) cis-1,3-Dichloropropene	7.59	75	3439	0.092 ug/L #	43
45) 1,1,2-Trichloroethane	8.57	97	6750	0.420 ug/L #	2
47) Tetrachloroethene	8.57	164	685367	43.108 ug/L	98
49) Dibromochloromethane	8.57	129	656308	35.692 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	18060	1.156 ug/L	91

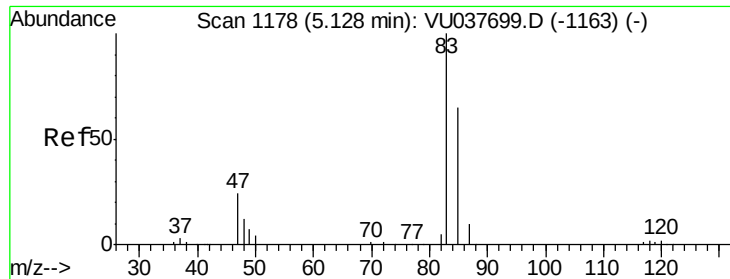
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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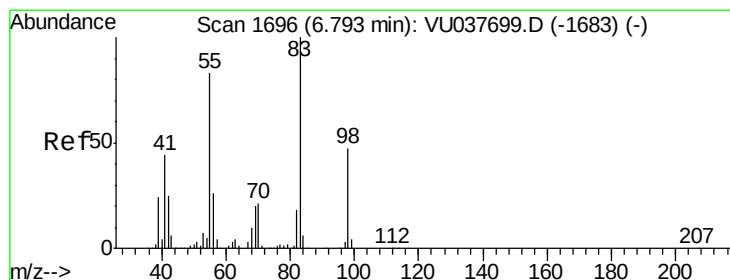
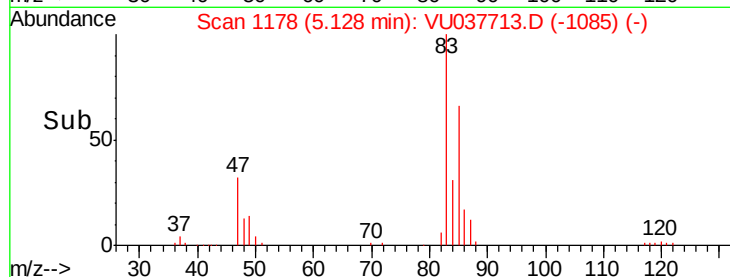
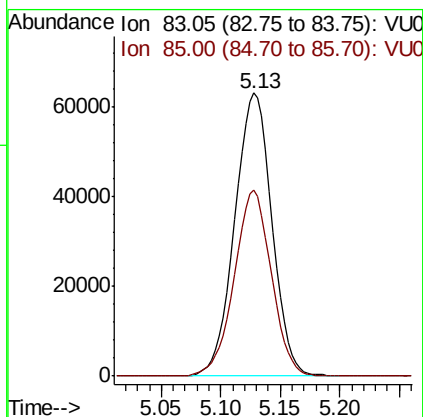
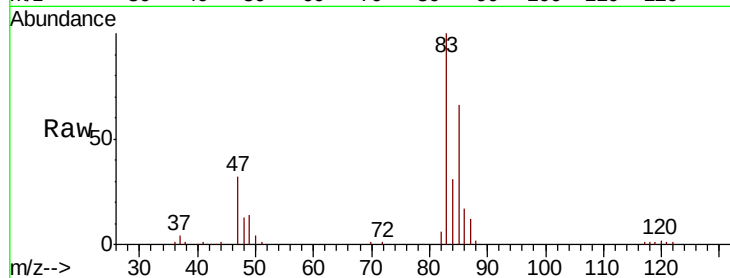




#25
Chloroform
Concen: 3.423 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037713.D
Acq: 14 Apr 2020 21:31

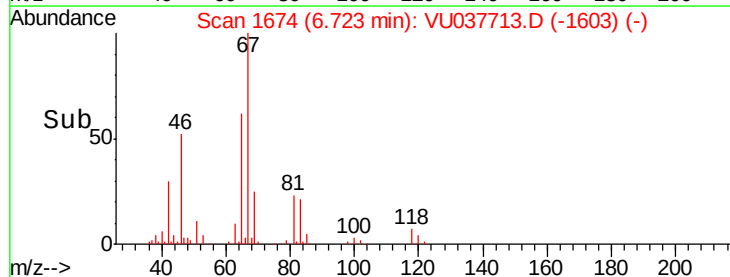
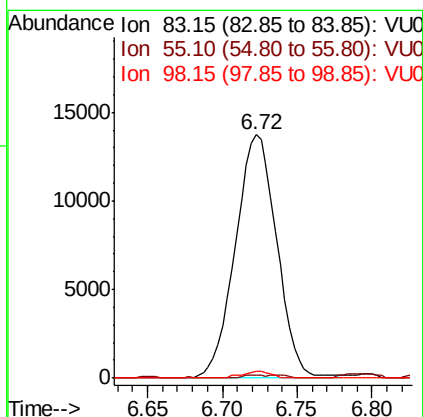
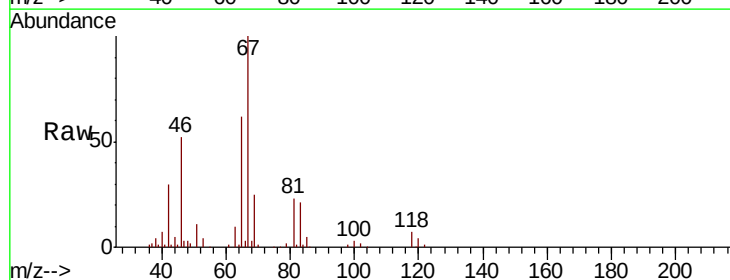
Instrument :
MSVOA_U
ClientSampleId :

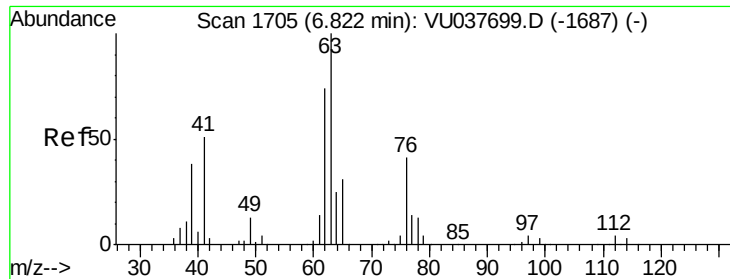
Tot Ion: 83 Resp: 136633
Ion Ratio Lower Upper
83 100
85 65.9 44.9 83.3



#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037713.D
Acq: 14 Apr 2020 21:31

Tgt Ion: 83 Resp: 26526
Ion Ratio Lower Upper
83 100
55 0.7 65.5 98.3#
98 1.8 38.2 57.4#

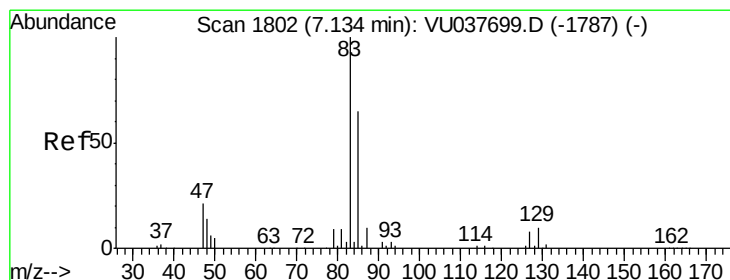
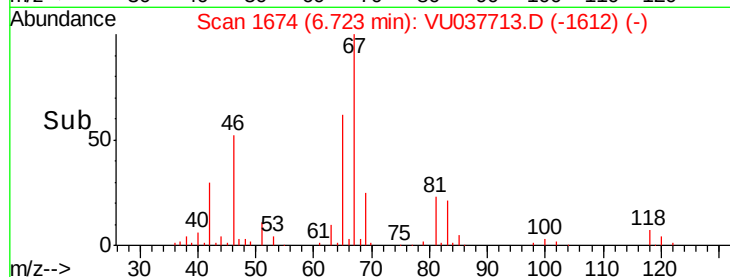
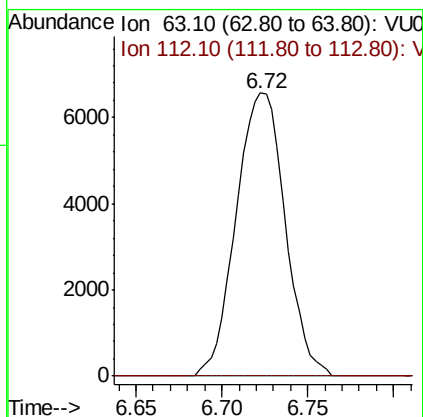
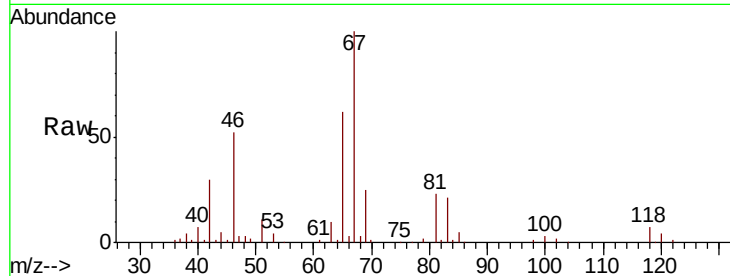




#37
 1,2-Dichloropropane
 Concen: 0.544 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037713.D
 Acq: 14 Apr 2020 21:31

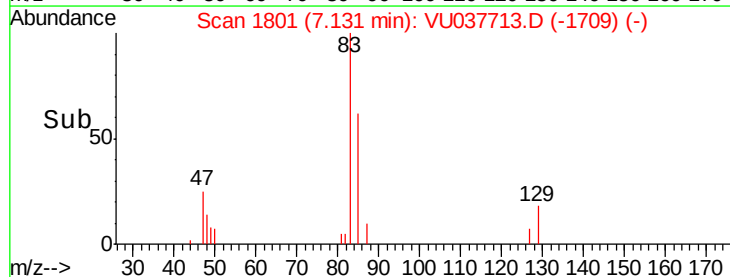
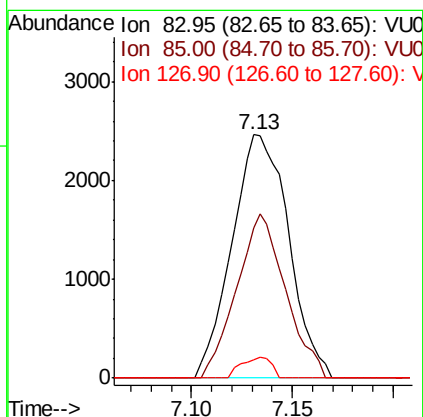
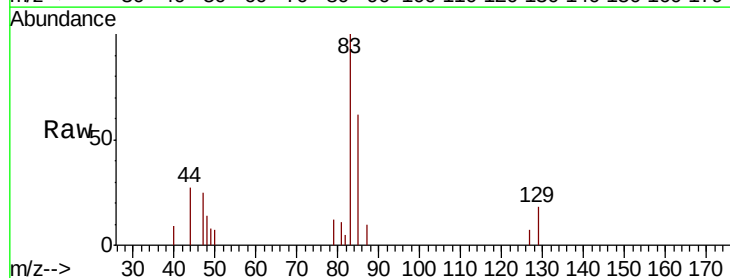
Instrument :
 MSVOA_U
 ClientSampled :

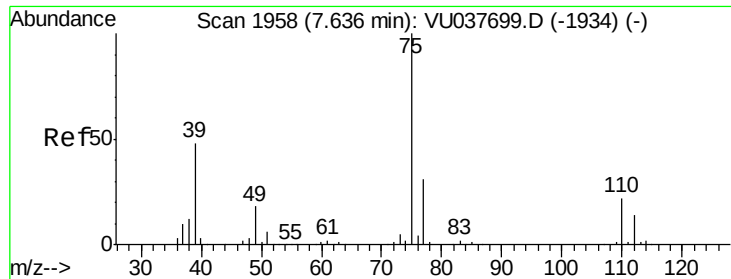
Tot Ion: 63 Resp: 12981
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#38
 Bromodichloromethane
 Concen: 0.170 ug/L
 RT: 7.13 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VU037713.D
 Acq: 14 Apr 2020 21:31

Tgt Ion: 83 Resp: 4823
 Ion Ratio Lower Upper
 83 100
 85 61.6 45.1 83.7
 127 7.4 6.6 9.8

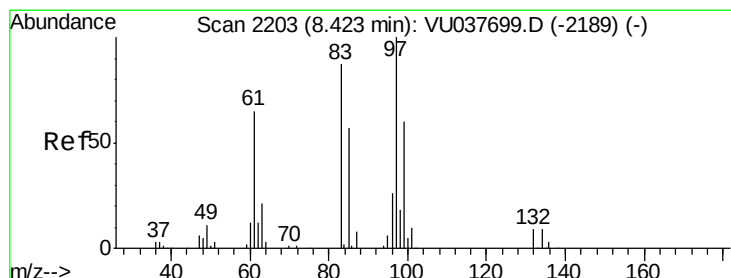
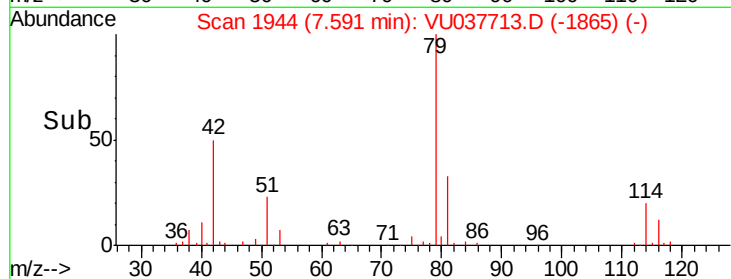
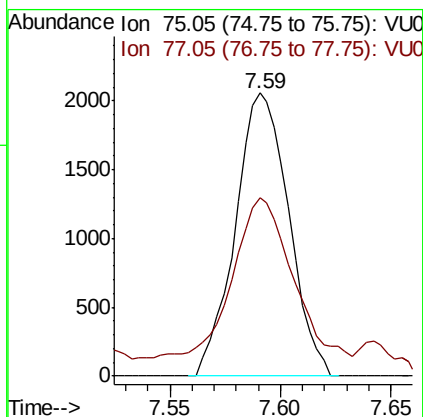
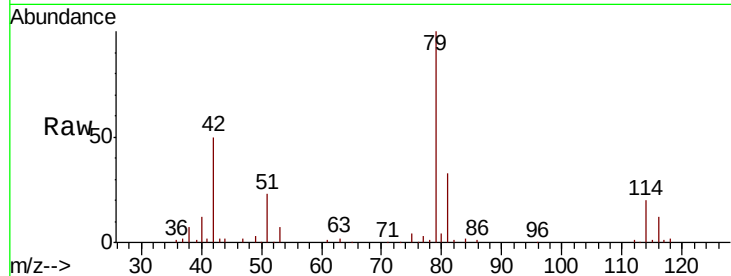




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037713.D
 Acq: 14 Apr 2020 21:31

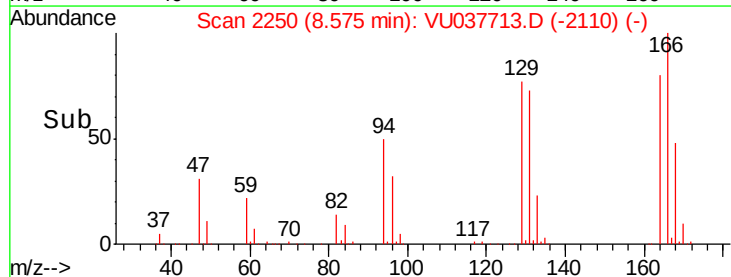
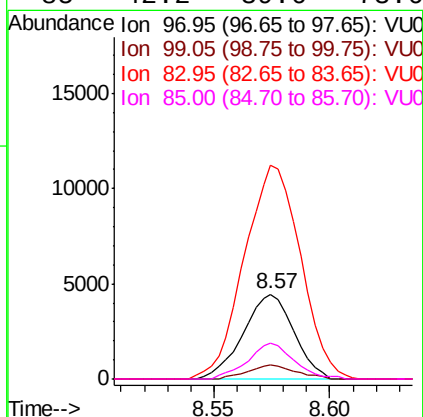
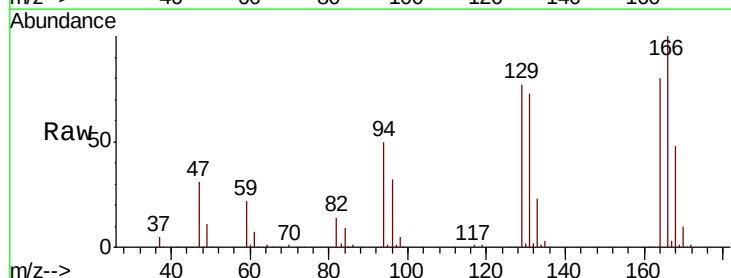
Instrument :
 MSVOA_U
 ClientSampleId :

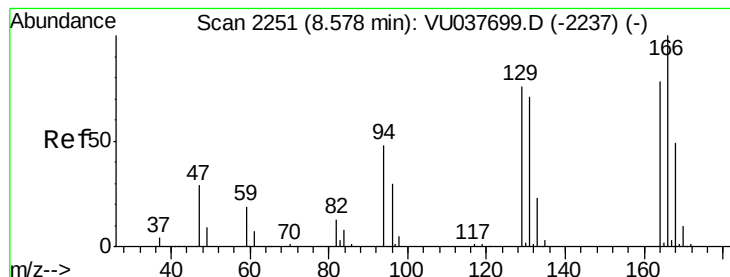
Tot Ion: 75 Resp: 3439
 Ion Ratio Lower Upper
 75 100
 77 63.2 22.2 41.2#



#45
 1,1,2-Trichloroethane
 Concen: 0.420 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.15 min
 Lab File: VU037713.D
 Acq: 14 Apr 2020 21:31

Tgt Ion: 97 Resp: 6750
 Ion Ratio Lower Upper
 97 100
 99 16.1 43.1 80.1#
 83 252.5 62.4 116.0#
 85 42.2 39.6 73.6





#47

Tetrachloroethene

Concen: 43.108 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037713.D

Acq: 14 Apr 2020 21:31

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 685367

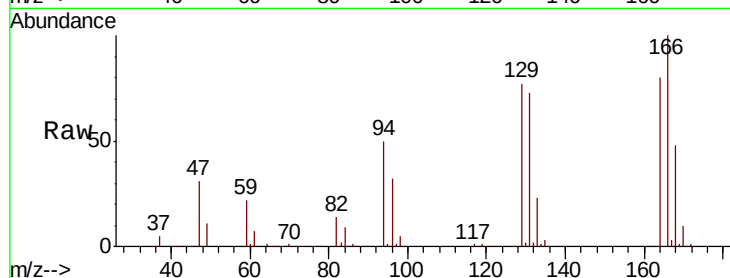
Ion Ratio Lower Upper

164 100

129 96.1 68.1 126.5

131 91.5 65.9 122.5

166 125.5 89.7 166.7

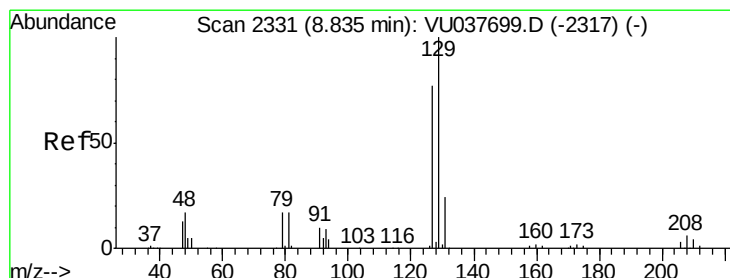
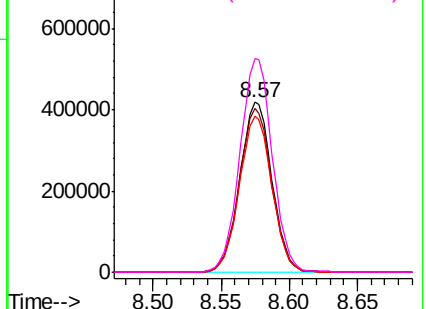
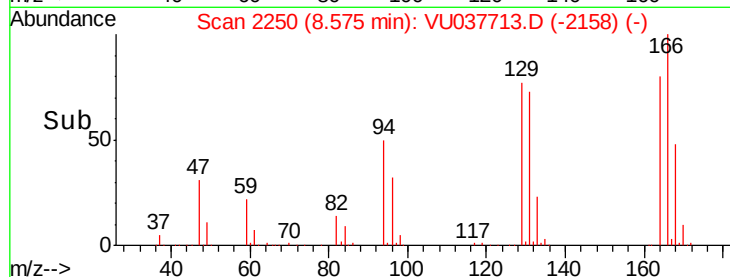


Abundance Ion 163.90 (163.60 to 164.60): V

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: 35.692 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037713.D

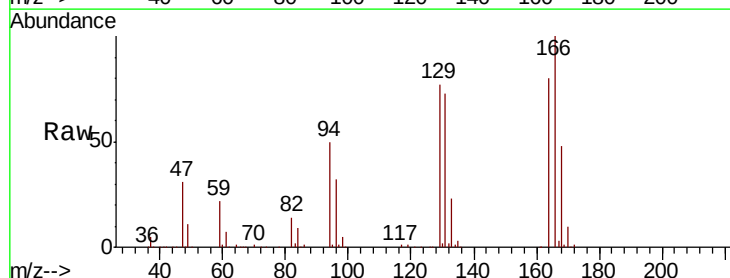
Acq: 14 Apr 2020 21:31

Tgt Ion:129 Resp: 656308

Ion Ratio Lower Upper

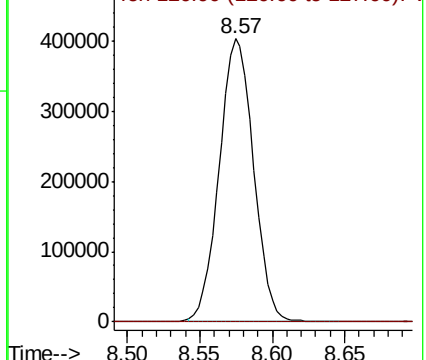
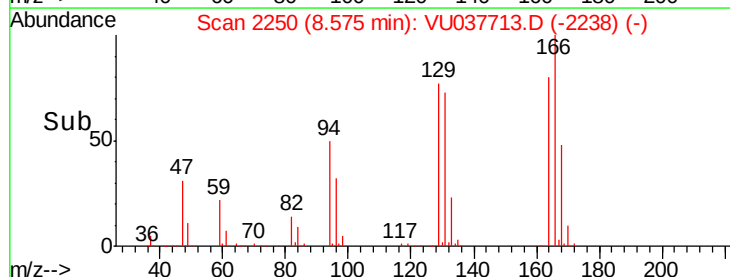
129 100

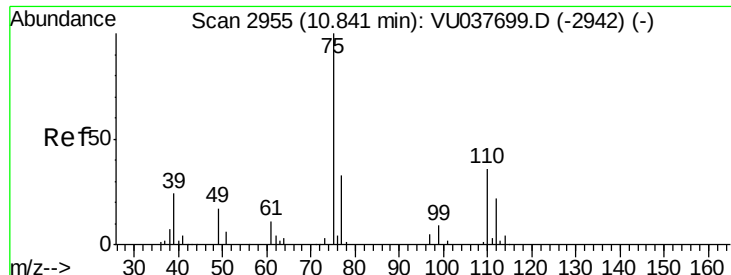
127 0.1 53.3 98.9#



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: 1.156 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037713.D

Acq: 14 Apr 2020 21:31

Instrument :

MSVOA_U

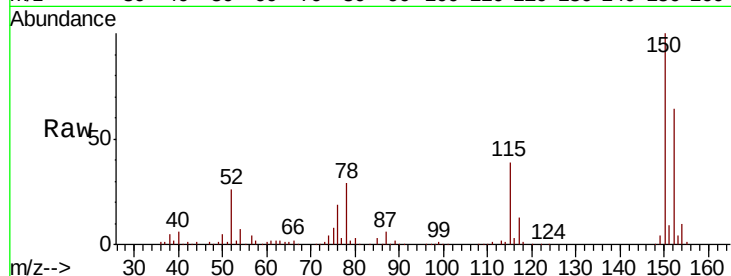
ClientSampleId :

Tot Ion: 75 Resp: 18060

Ion Ratio Lower Upper

75 100

77 37.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

