

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037714.D
 Acq On : 14 Apr 2020 21:55
 Operator : JC/MD
 Sample : L2275-14
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 03:06:07 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	279503	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	265014	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	106867	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.93	69	91974	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	143594	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.66	46	313601	53.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	5.10	84	169923	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.74	65	102701	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.76	84	376395	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.72	67	122976	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.92	98	347439	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	8.20	79	52483	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.65	63	275795	51.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93962	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	120434	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

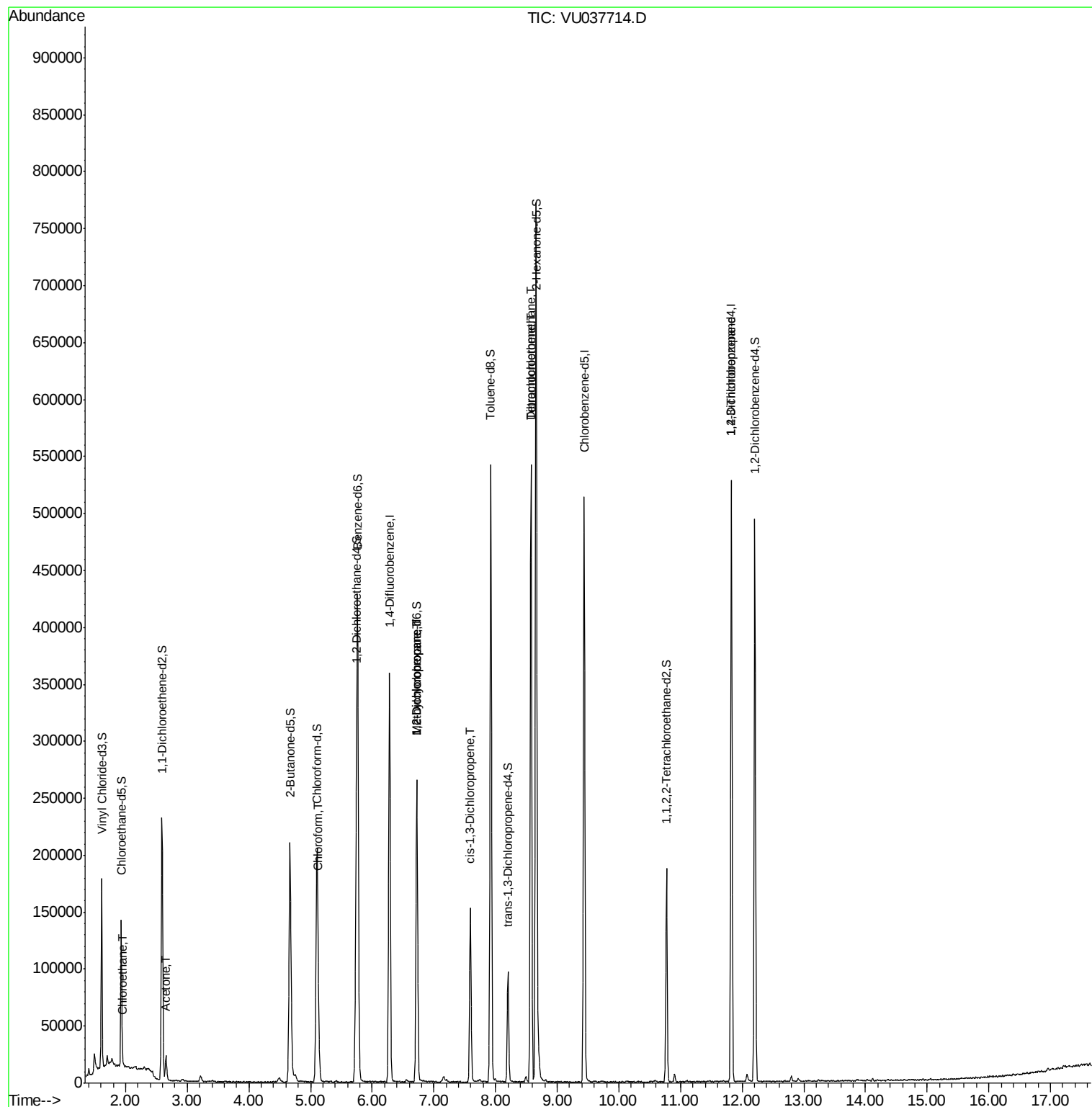
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.96	64	1405	0.081	ug/L #	49
13) Acetone	2.66	43	24437	6.381	ug/L	96
25) Chloroform	5.13	83	36431	0.948	ug/L	96
35) Methylcyclohexane	6.72	83	27555	0.731	ug/L #	17
37) 1,2-Dichloropropane	6.73	63	13412	0.578	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3684	0.101	ug/L #	59
47) Tetrachloroethene	8.57	164	115445	7.466	ug/L	99
49) Dibromochloromethane	8.57	129	112124	6.269	ug/L #	12
59) 1,2,3-Trichloropropane	11.83	75	17650	1.161	ug/L	92

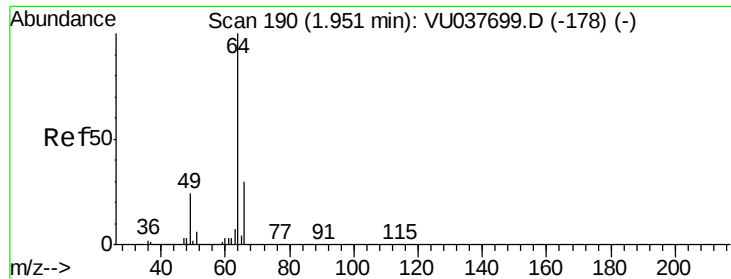
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 03:02:33 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.081 ug/L

RT: 1.96 min Scan# 194

Delta R.T. 0.01 min

Lab File: VU037714.D

Acq: 14 Apr 2020 21:55

Instrument :

MSVOA_U

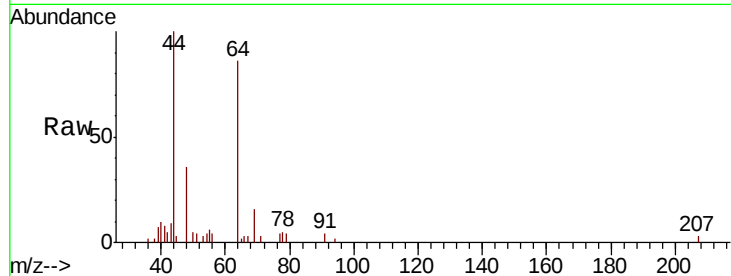
ClientSampleId :

Tot Ion: 64 Resp: 1405

Ion Ratio Lower Upper

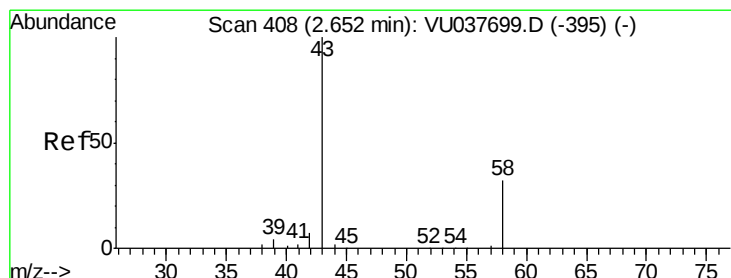
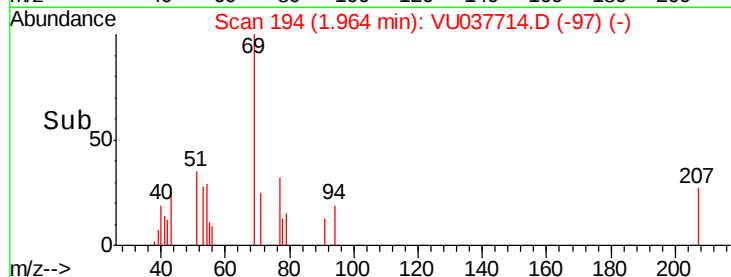
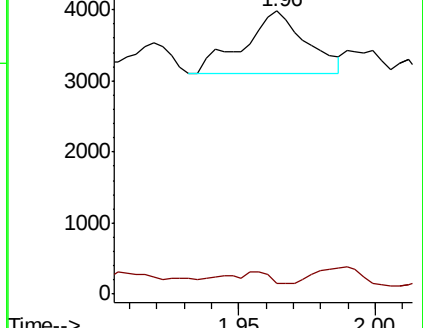
64 100

66 3.6 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU037699.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU037699.D (-178) (-)



#13

Acetone

Concen: 6.381 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037714.D

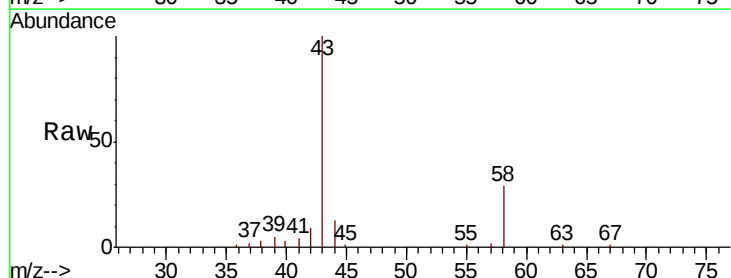
Acq: 14 Apr 2020 21:55

Tgt Ion: 43 Resp: 24437

Ion Ratio Lower Upper

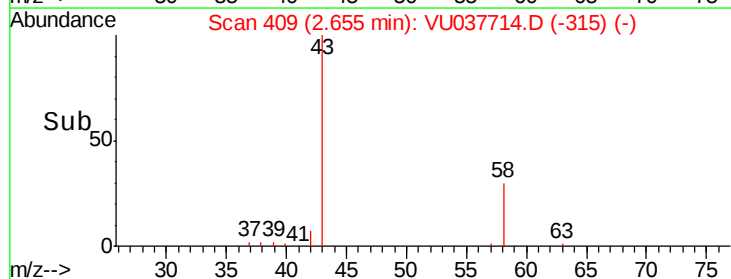
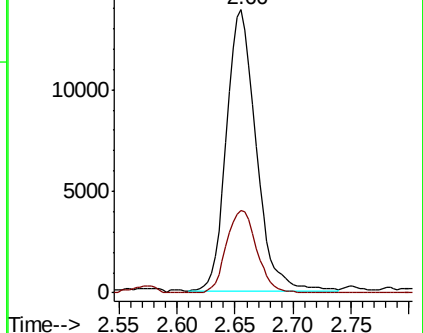
43 100

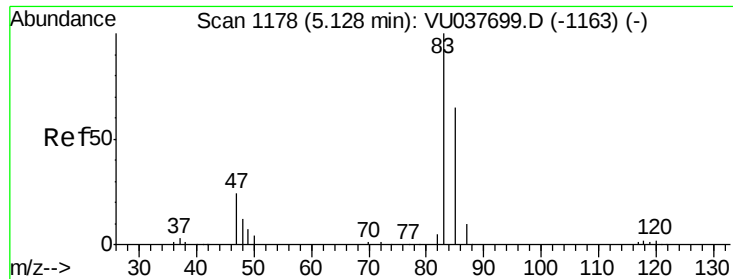
58 30.0 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037699.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU037699.D (-395) (-)

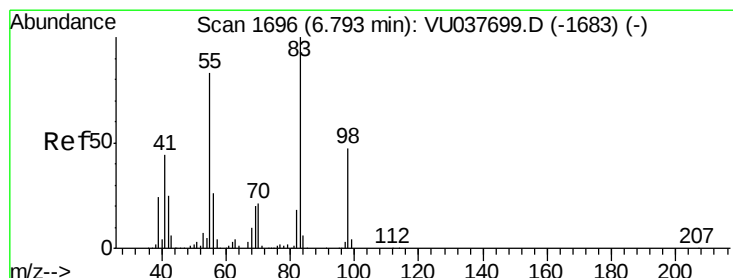
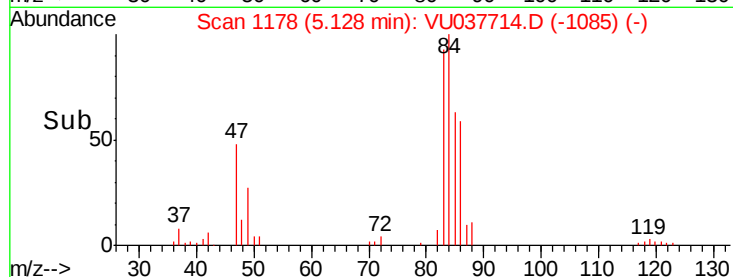
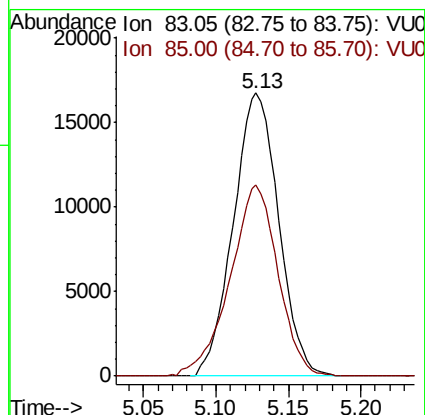
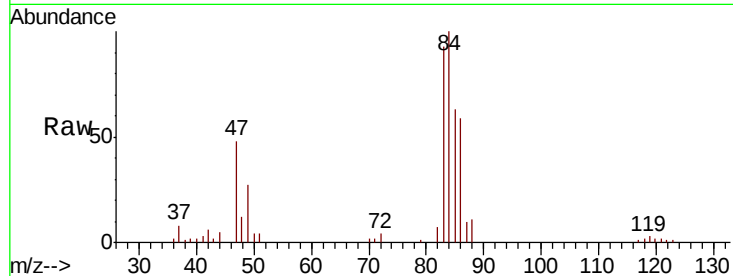




#25
Chloroform
Concen: 0.948 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037714.D
Acq: 14 Apr 2020 21:55

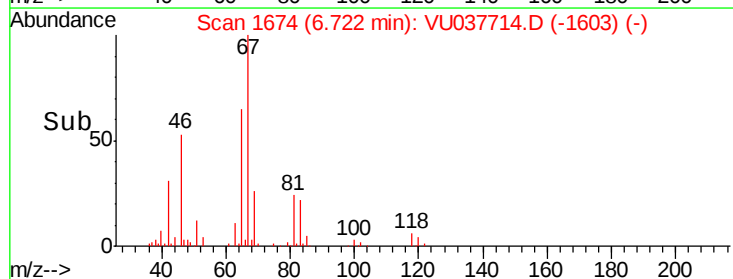
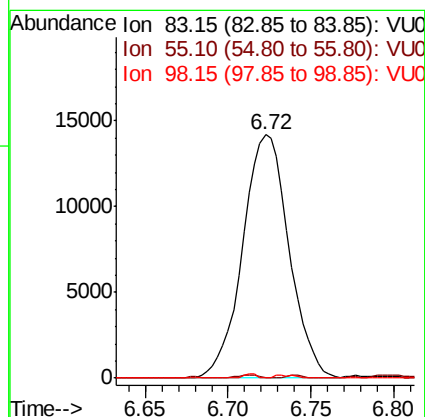
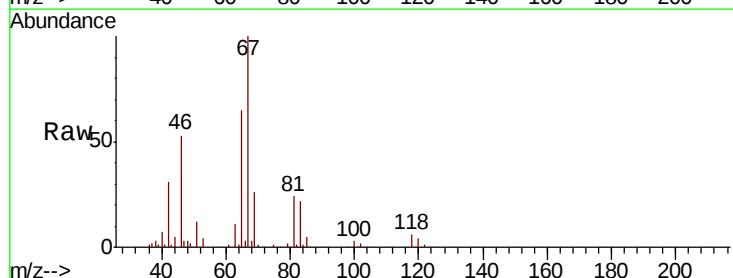
Instrument :
MSVOA_U
ClientSampleId :

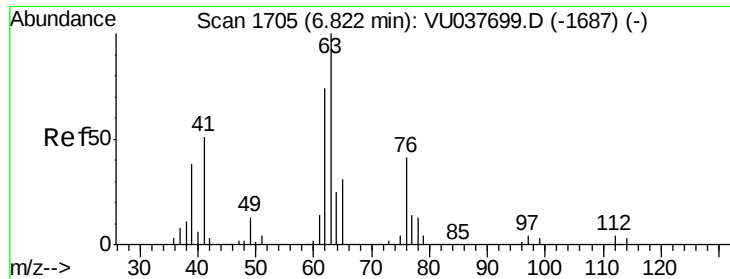
Tot Ion: 83 Resp: 36431
Ion Ratio Lower Upper
83 100
85 67.5 44.9 83.3



#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037714.D
Acq: 14 Apr 2020 21:55

Tgt Ion: 83 Resp: 27555
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 0.5 38.2 57.4#

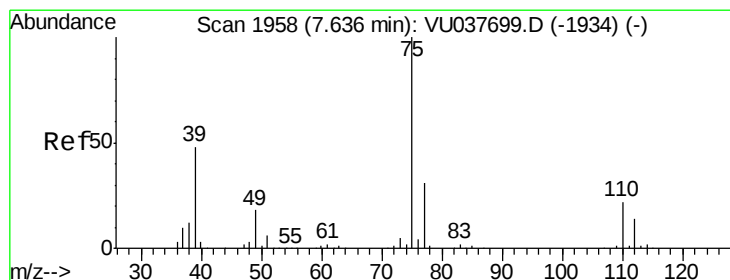
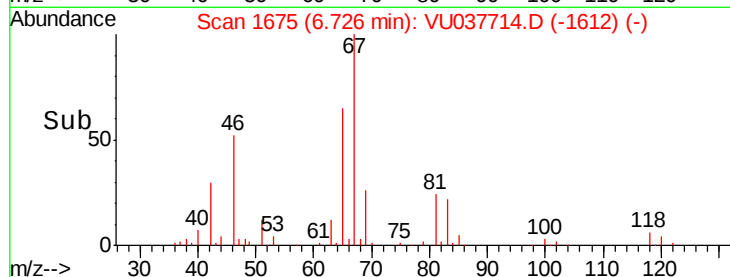
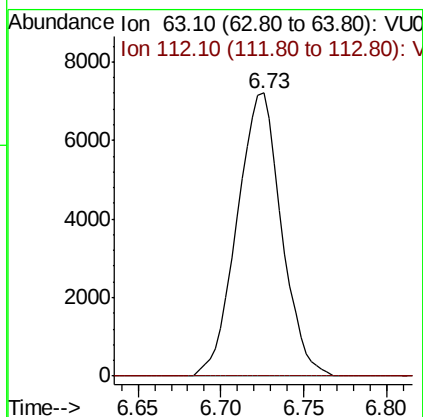
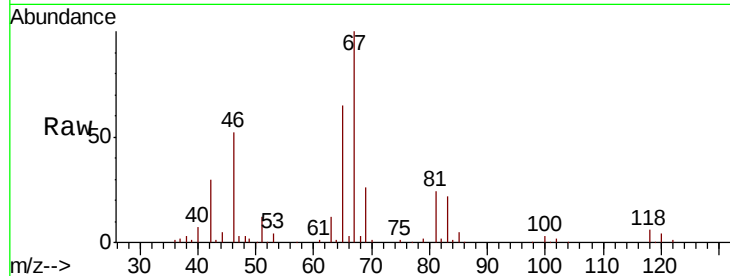




#37
 1,2-Dichloropropane
 Concen: 0.578 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037714.D
 Acq: 14 Apr 2020 21:55

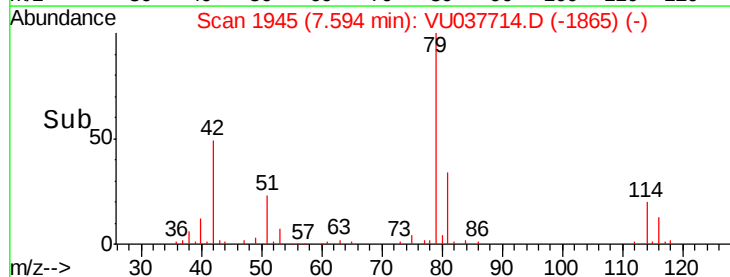
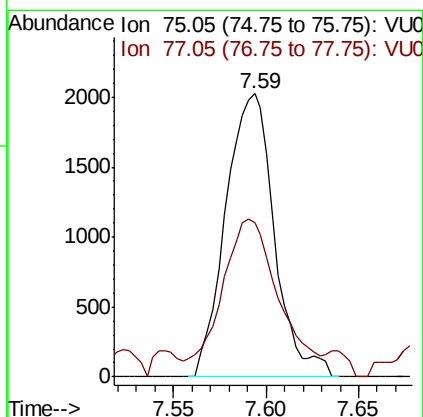
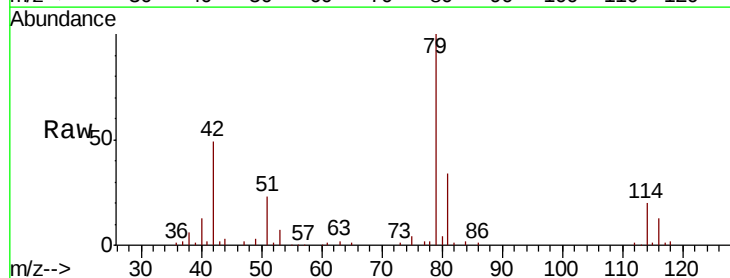
Instrument :
 MSVOA_U
 ClientSampleId :

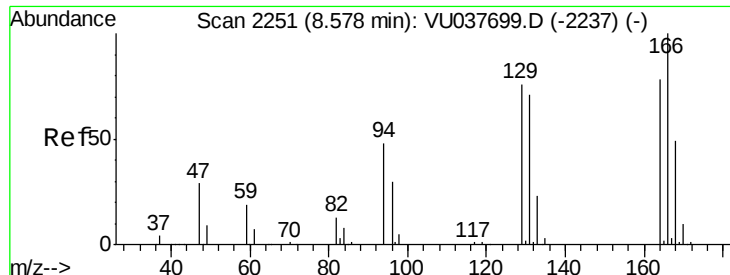
Tot Ion: 63 Resp: 13412
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037714.D
 Acq: 14 Apr 2020 21:55

Tgt Ion: 75 Resp: 3684
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.2 41.2#

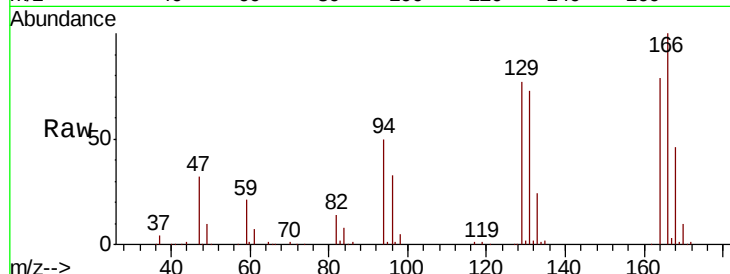




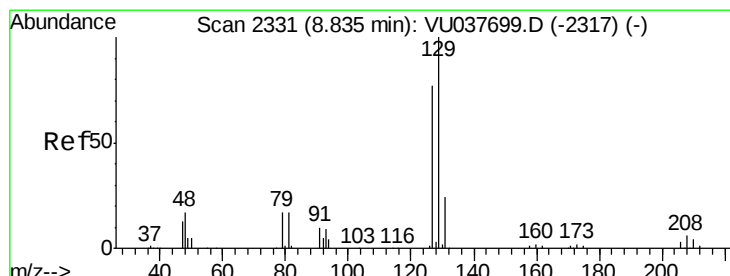
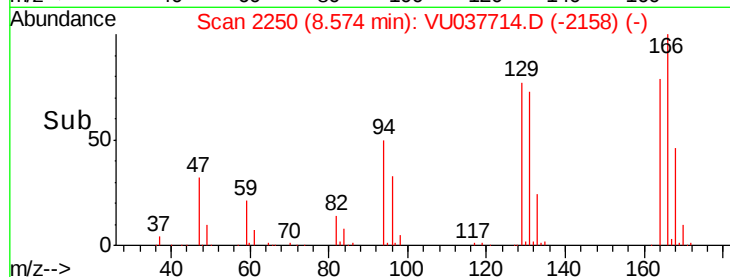
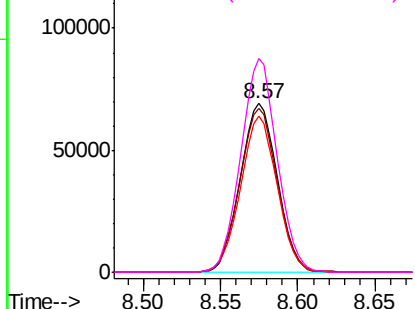
#47
Tetrachloroethene
Concen: 7.466 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037714.D
Acq: 14 Apr 2020 21:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 115445
Ion Ratio Lower Upper
164 100
129 97.4 68.1 126.5
131 92.5 65.9 122.5
166 126.8 89.7 166.7

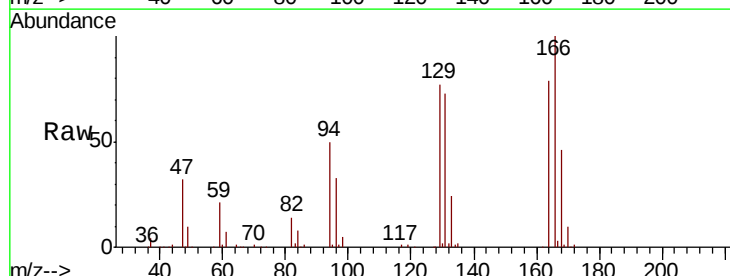


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

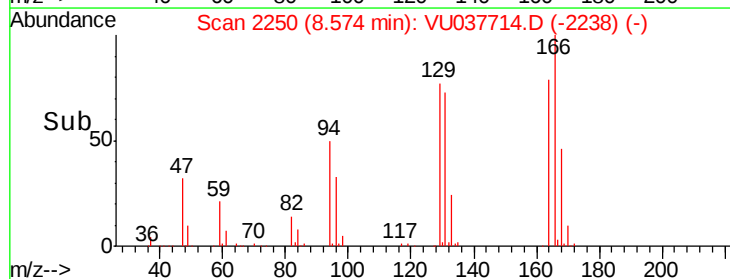
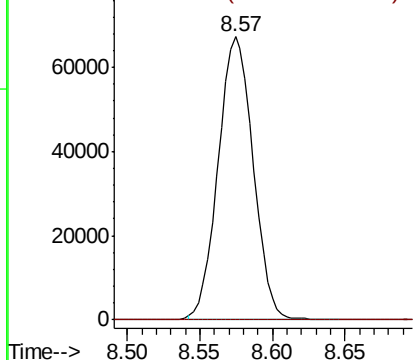


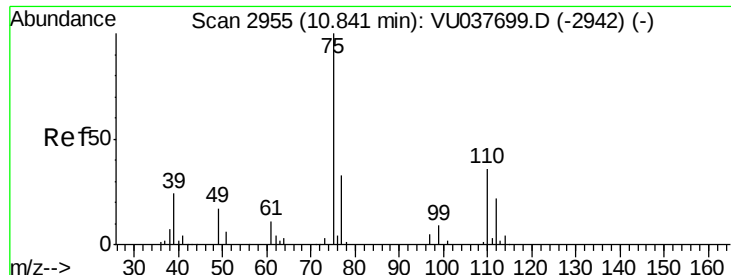
#49
Dibromochloromethane
Concen: 6.269 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU037714.D
Acq: 14 Apr 2020 21:55

Tgt Ion:129 Resp: 112124
Ion Ratio Lower Upper
129 100
127 0.2 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: 1.161 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037714.D

Acq: 14 Apr 2020 21:55

Instrument :

MSVOA_U

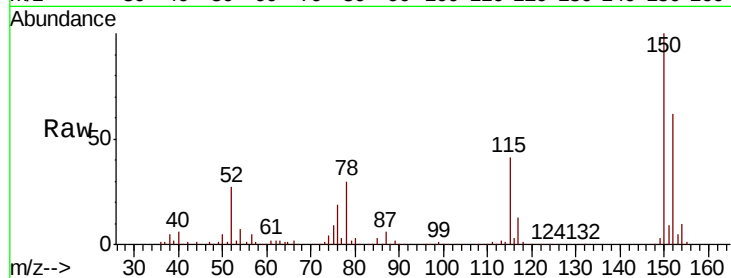
ClientSampleId :

Tot Ion: 75 Resp: 17650

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

