

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038947.D
 Acq On : 17 Jun 2020 16:30
 Operator : SY/MD
 Sample : L3040-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:10:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.31	114	251358	5.00	ug/L	0.03
28) Chlorobenzene-d5	9.44	117	256924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.64	65	81290	4.66	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.95	69	72471	4.94	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.61	63	172260	4.87	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.80	46	264523	47.37	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	5.14	84	180853	5.21	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.78	65	106726	5.34	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.80	84	346064	5.15	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.75	67	109350	5.27	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.93	98	287668	4.78	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.21	79	47005	4.94	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.67	63	261354	52.15	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103779	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	129395	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

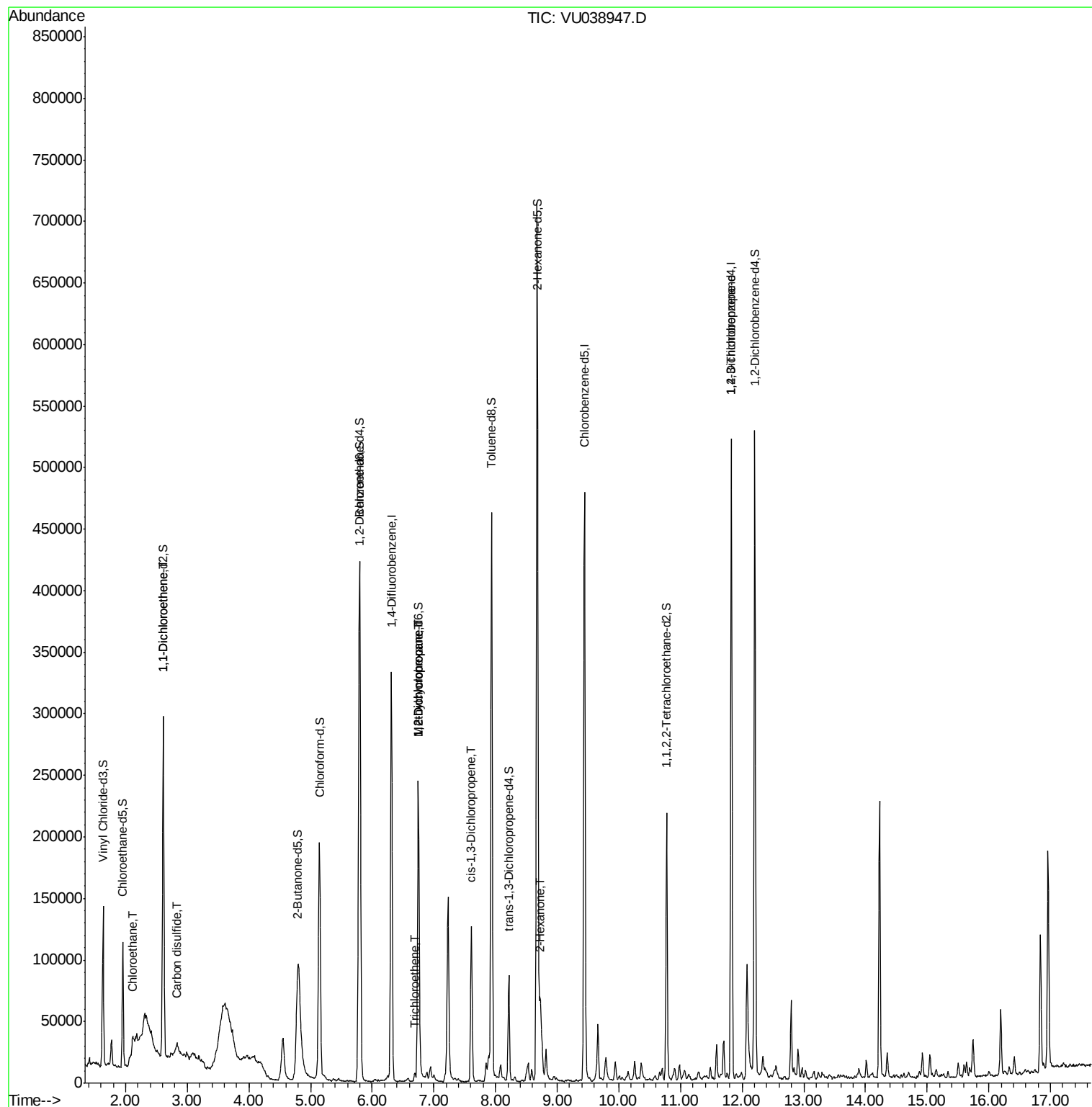
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.12	64	36015	2.403	ug/L #	53
12) 1,1-Dichloroethene	2.61	96	1567	0.089	ug/L #	1
14) Carbon disulfide	2.84	76	8261	0.138	ug/L #	71
34) Trichloroethene	6.69	95	2223	0.114	ug/L #	9
35) Methylcyclohexane	6.75	83	27061	0.877	ug/L #	21
37) 1,2-Dichloropropane	6.75	63	12460	0.622	ug/L #	91
39) cis-1,3-Dichloropropene	7.61	75	3447	0.117	ug/L #	34
48) 2-Hexanone	8.73	43	27005	2.581	ug/L #	84
59) 1,2,3-Trichloropropane	11.82	75	17546	1.135	ug/L	89

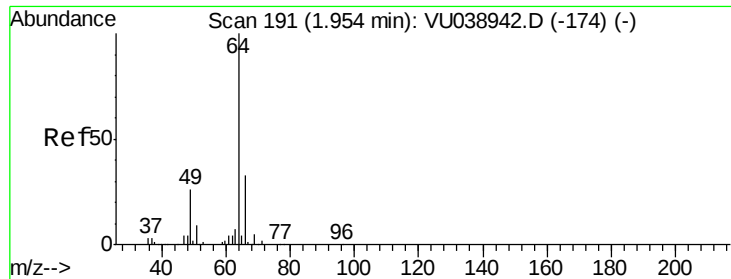
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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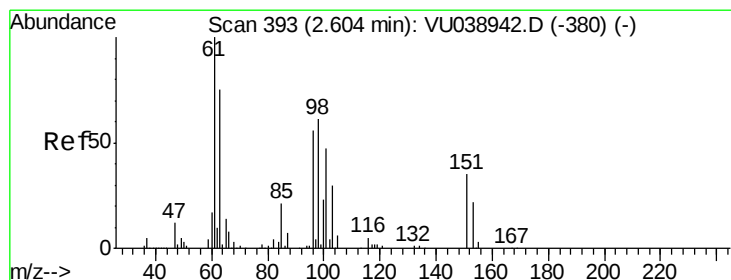
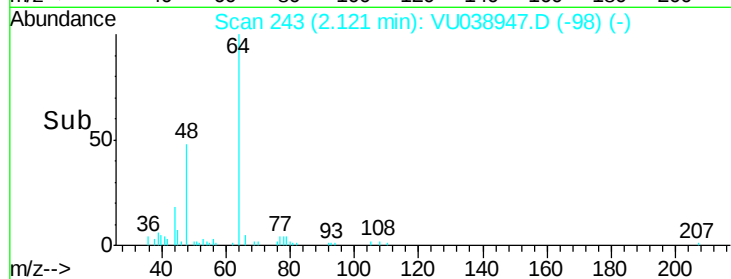
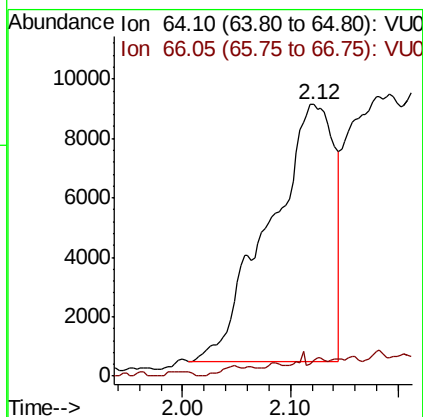
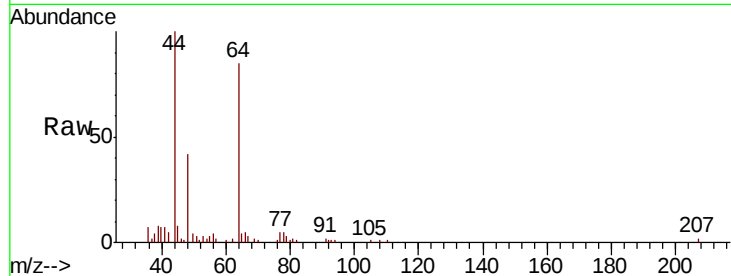




#8
Chloroethane
Concen: 2.403 ug/L
RT: 2.12 min Scan# 243
Delta R.T. 0.17 min
Lab File: VU038947.D
Acq: 17 Jun 2020 16:30

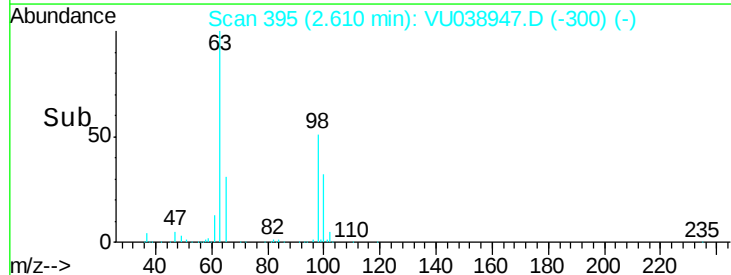
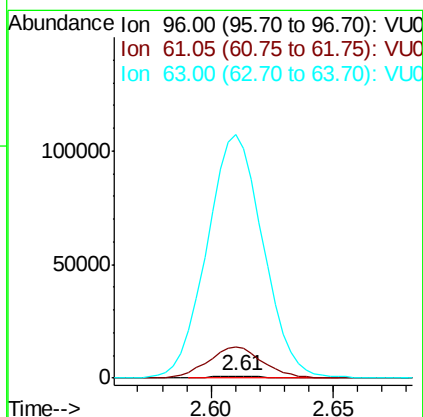
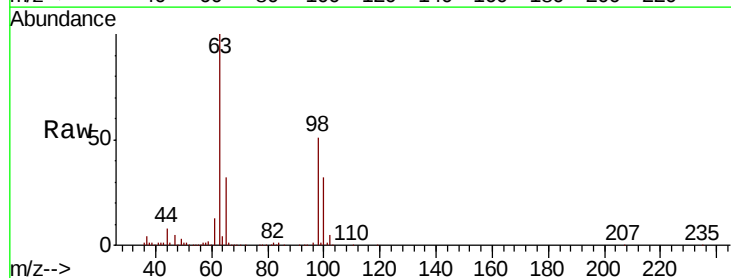
Instrument :
MSVOA_U
ClientSampled :

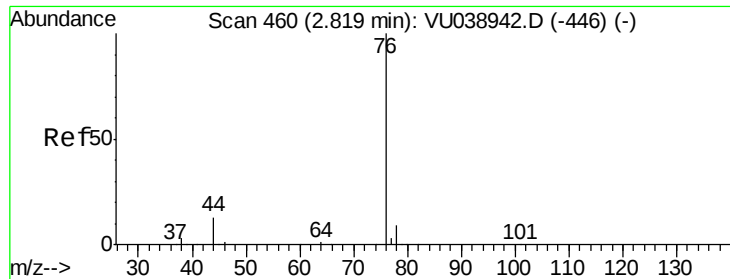
Tot Ion: 64 Resp: 36015
Ion Ratio Lower Upper
64 100
66 5.7 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.089 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: VU038947.D
Acq: 17 Jun 2020 16:30

Tgt Ion: 96 Resp: 1567
Ion Ratio Lower Upper
96 100
61 1753.9 120.3 223.5#
63 13578.7 78.7 146.1#





#14

Carbon disulfide

Concen: 0.138 ug/L

RT: 2.84 min Scan# 465

Delta R.T. 0.02 min

Lab File: VU038947.D

Acq: 17 Jun 2020 16:30

Instrument :

MSVOA_U

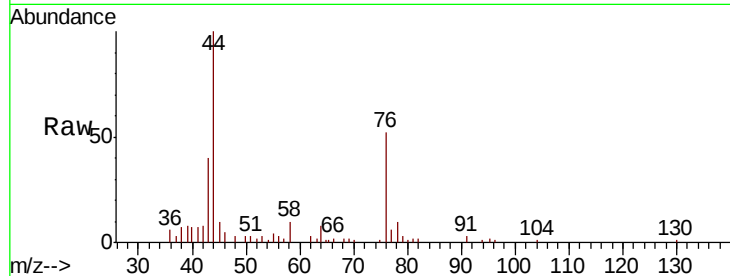
ClientSampled :

Tot Ion: 76 Resp: 8261

Ion Ratio Lower Upper

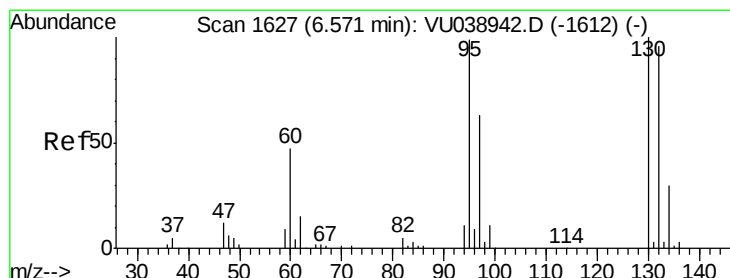
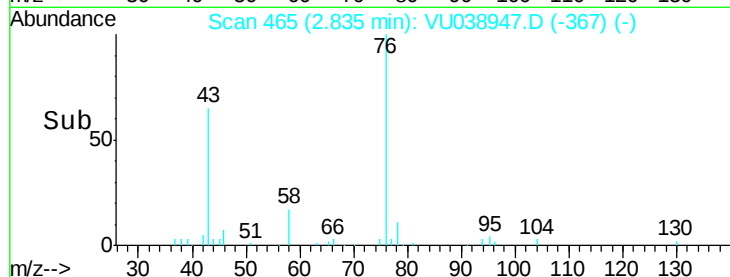
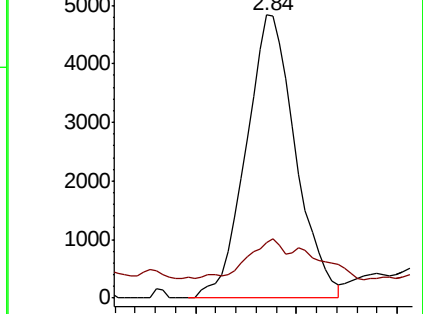
76 100

78 19.8 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038942.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038942.D (-446) (-)



#34

Trichloroethene

Concen: 0.114 ug/L

RT: 6.69 min Scan# 1665

Delta R.T. 0.12 min

Lab File: VU038947.D

Acq: 17 Jun 2020 16:30

Tgt Ion: 95 Resp: 2223

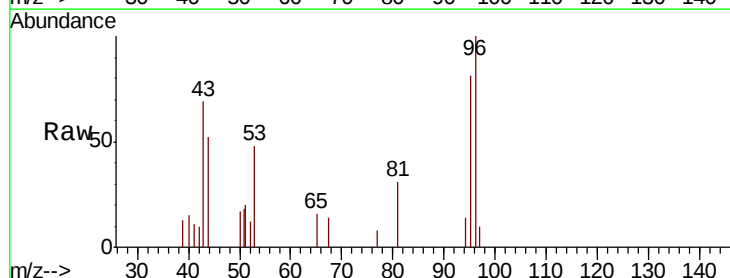
Ion Ratio Lower Upper

95 100

97 12.6 45.4 84.4#

132 0.0 68.4 127.0#

130 0.0 69.6 129.2#

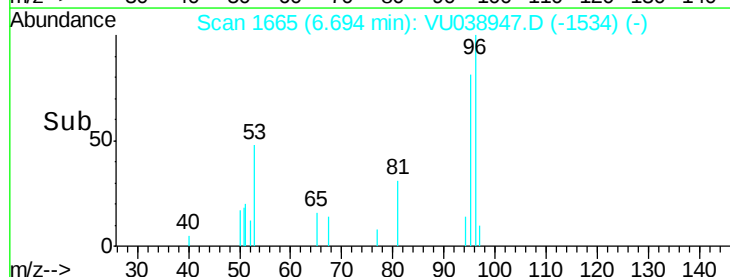
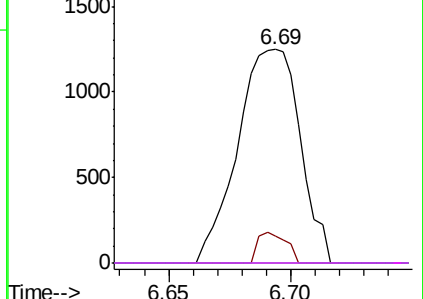


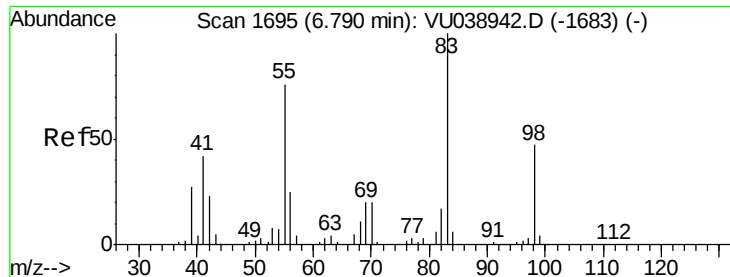
Abundance Ion 95.00 (94.70 to 95.70): VU038942.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038942.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038942.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038942.D (-1612) (-)

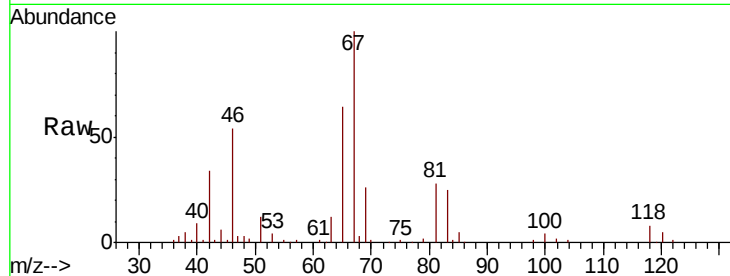




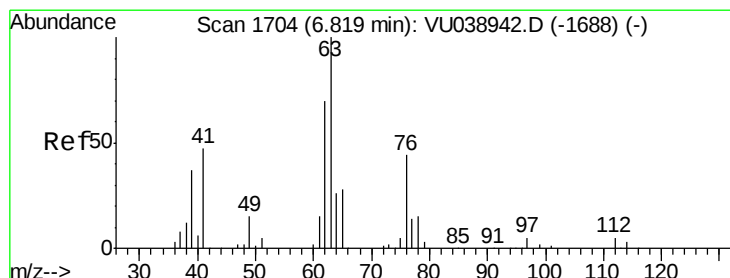
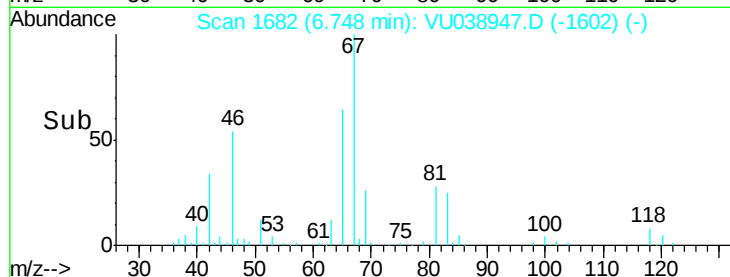
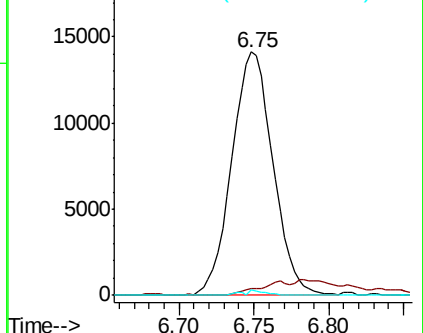
#35
Methvlcvclohexane
Concen: 0.877 ug/L
RT: 6.75 min Scan# 1682
Delta R.T. -0.04 min
Lab File: VU038947.D
Acq: 17 Jun 2020 16:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27061
Ion Ratio Lower Upper
83 100
55 4.3 61.8 92.8#
98 0.8 39.3 58.9#

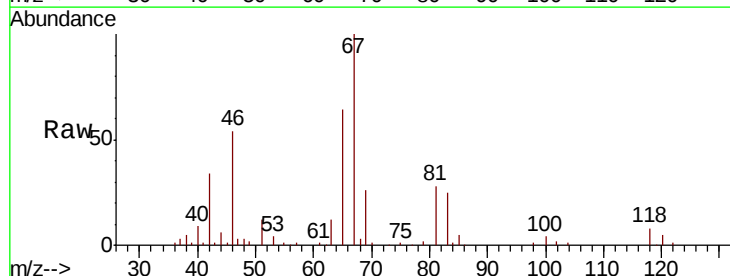


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

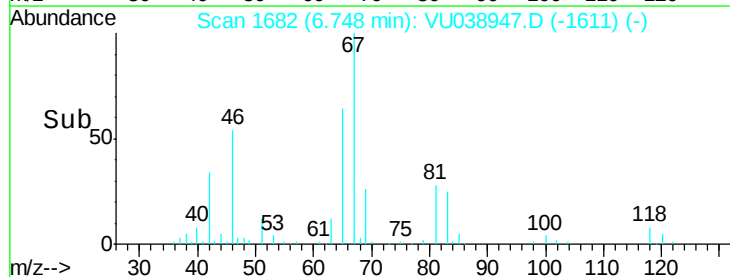
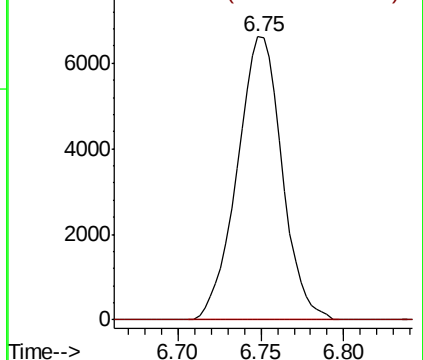


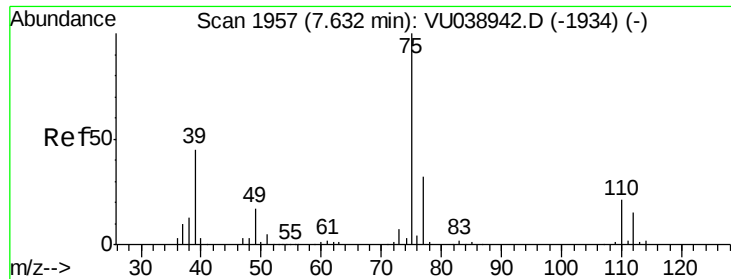
#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.75 min Scan# 1682
Delta R.T. -0.07 min
Lab File: VU038947.D
Acq: 17 Jun 2020 16:30

Tgt Ion: 63 Resp: 12460
Ion Ratio Lower Upper
63 100
112 2.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

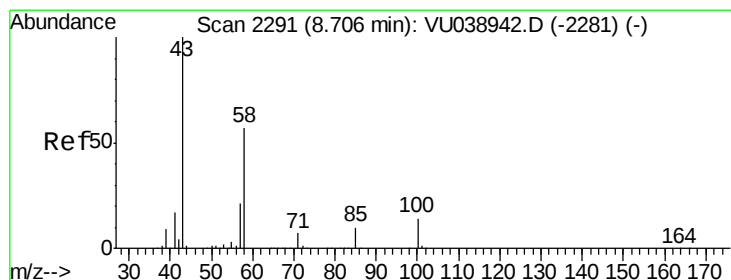
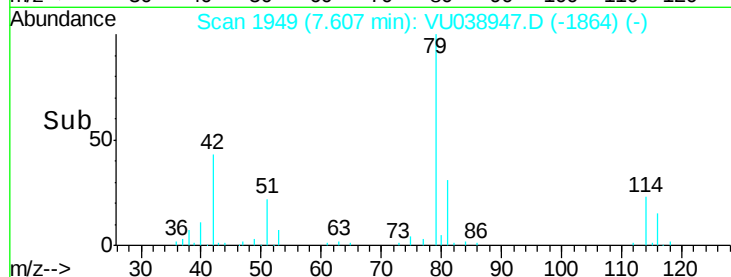
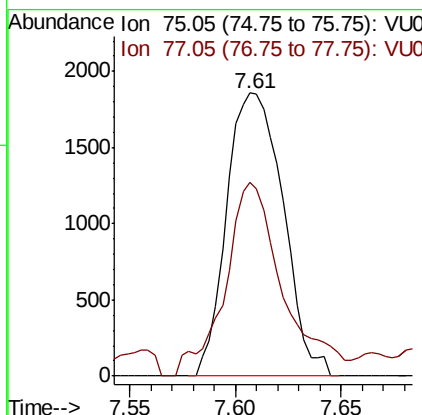
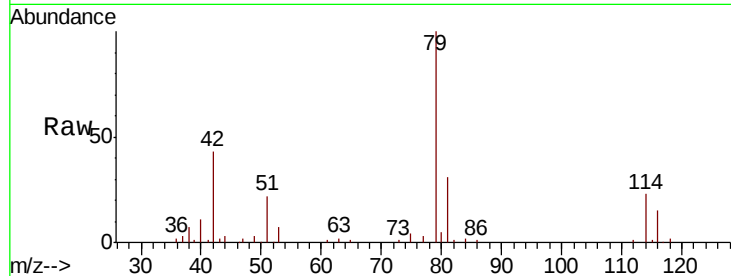




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.03 min
 Lab File: VU038947.D
 Acq: 17 Jun 2020 16:30

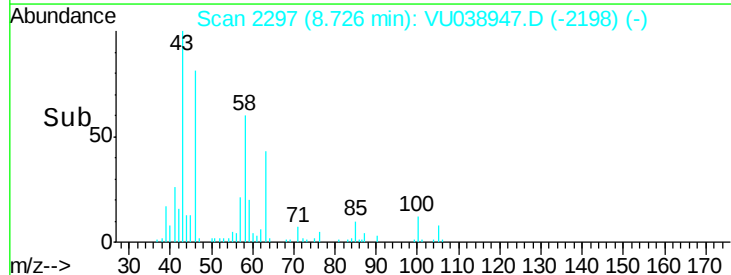
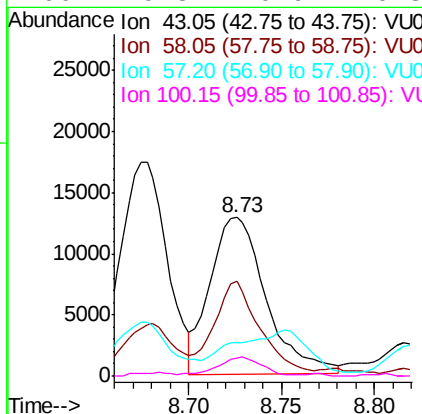
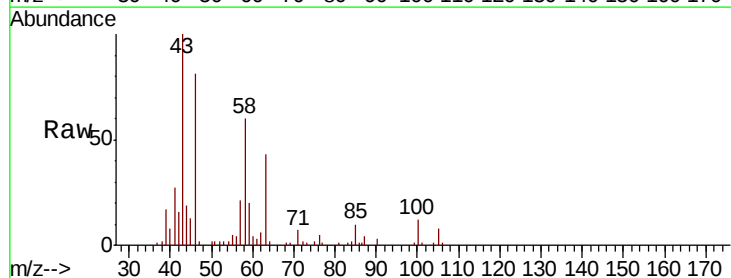
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 MSVOA_U
 ClientSampleId :

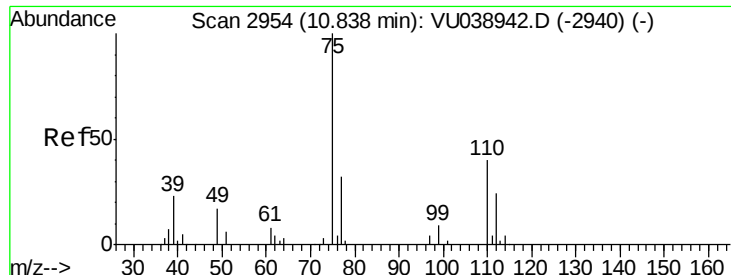
Tot Ion: 75 Resp: 3447
 Ion Ratio Lower Upper
 75 100
 77 68.6 22.4 41.6#



#48
 2-Hexanone
 Concen: 2.581 ug/L
 RT: 8.73 min Scan# 2297
 Delta R.T. 0.02 min
 Lab File: VU038947.D
 Acq: 17 Jun 2020 16:30

Tgt Ion: 43 Resp: 27005
 Ion Ratio Lower Upper
 43 100
 58 50.5 45.2 67.8
 57 0.0 16.1 24.1#
 100 9.8 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 1.135 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038947.D

Acq: 17 Jun 2020 16:30

Instrument :

MSVOA_U

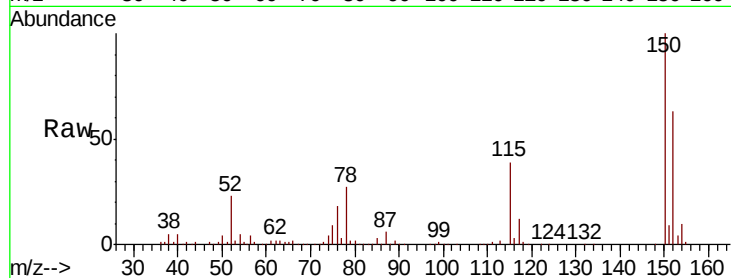
ClientSampleId :

Tot Ion: 75 Resp: 17546

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

