

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038150.D
 Acq On : 13 May 2020 17:49
 Operator : JC/MD
 Sample : L2631-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:15:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	345745	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	338711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	159434	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117133	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.93	69	111761	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.59	63	157052	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.66	46	434565	55.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.38%
24) Chloroform-d	5.10	84	216938	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.74	65	130960	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	464464	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.72	67	153509	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	403459	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	57526	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.65	63	360411	58.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	130544	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	155010	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

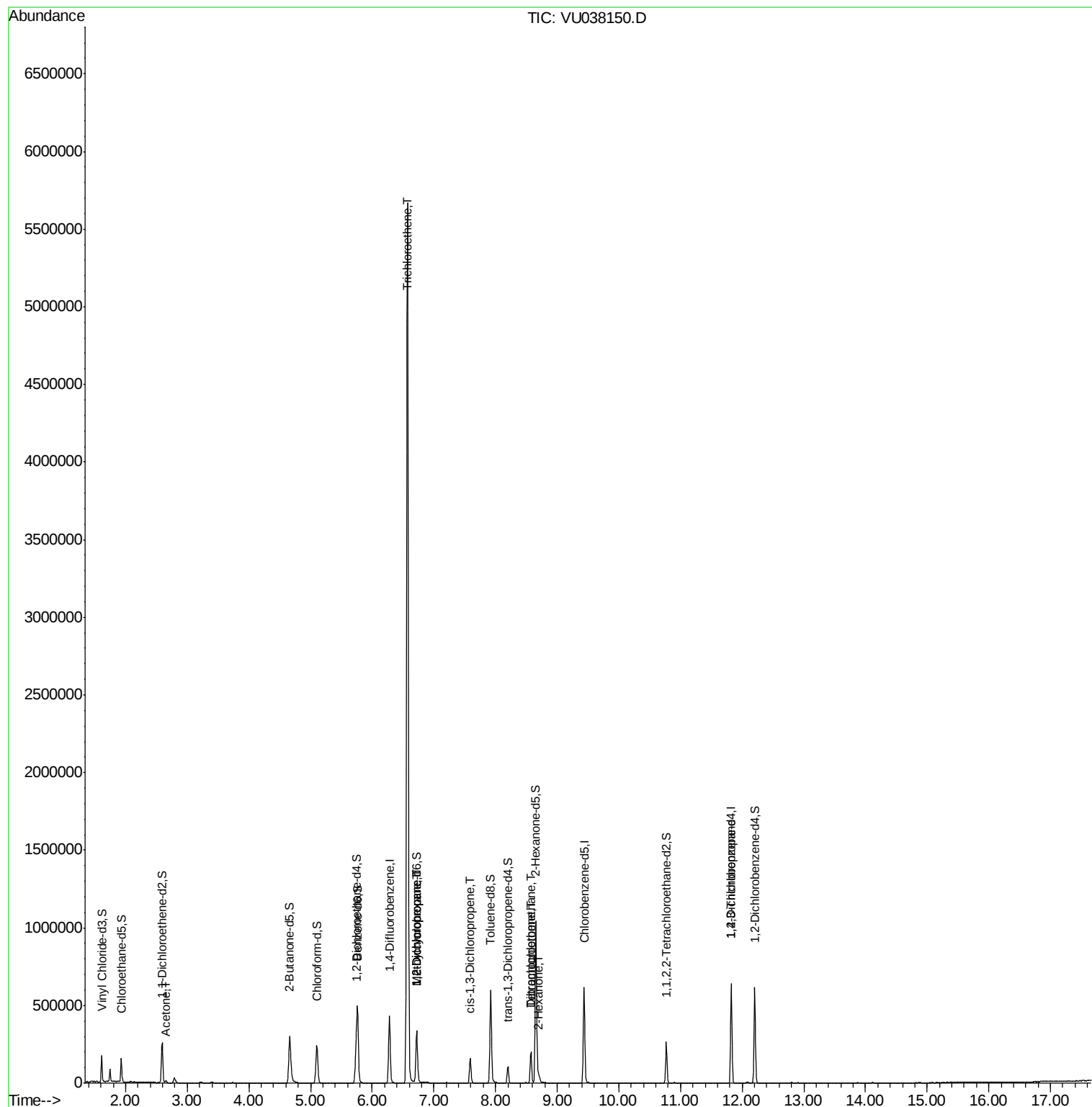
					Ovalue
13) Acetone	2.66	43	18104	3.698	ug/L 100
34) Trichloroethene	6.57	95	1918772	70.730	ug/L 98
35) Methylcyclohexane	6.72	83	34333	0.781	ug/L # 15
37) 1,2-Dichloropropane	6.72	63	15801	0.536	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3698	0.088	ug/L # 66
47) Tetrachloroethene	8.57	164	44362	2.338	ug/L 98
48) 2-Hexanone	8.71	43	24221	1.620	ug/L # 96
49) Dibromochloromethane	8.57	129	42264	1.991	ug/L # 10
59) 1,2,3-Trichloropropane	11.82	75	21269	1.076	ug/L 91

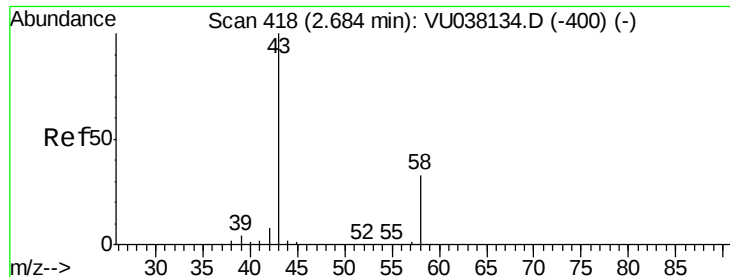
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 01:11:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.698 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU038150.D

Acq: 13 May 2020 17:49

Instrument :

MSVOA_U

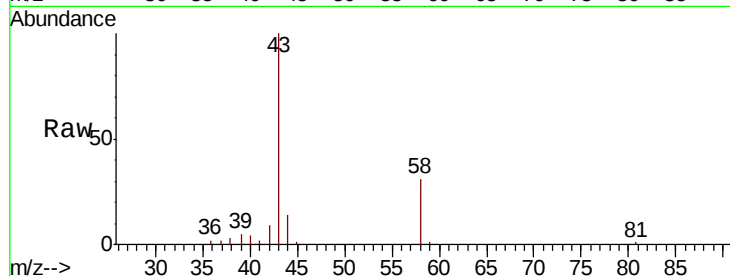
ClientSampleId :

Tot Ion: 43 Resp: 18104

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038134.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038134.D (-400) (-)

2.66

12000

10000

8000

6000

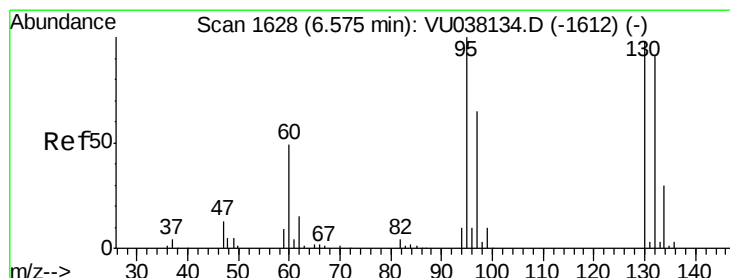
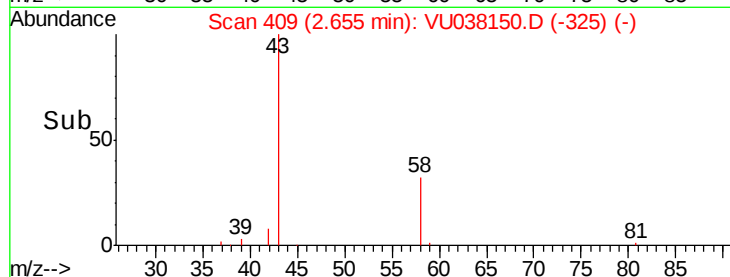
4000

2000

0

Time-->

2.60 2.65 2.70



#34

Trichloroethene

Concen: 70.730 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038150.D

Acq: 13 May 2020 17:49

Tgt Ion: 95 Resp: 1918772

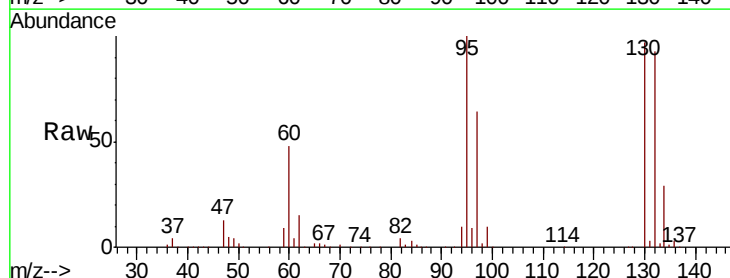
Ion Ratio Lower Upper

95 100

97 64.1 44.9 83.3

132 92.8 63.3 117.5

130 96.7 65.7 122.1



Abundance Ion 95.00 (94.70 to 95.70): VU038134.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038134.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038134.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038134.D (-1612) (-)

1500000

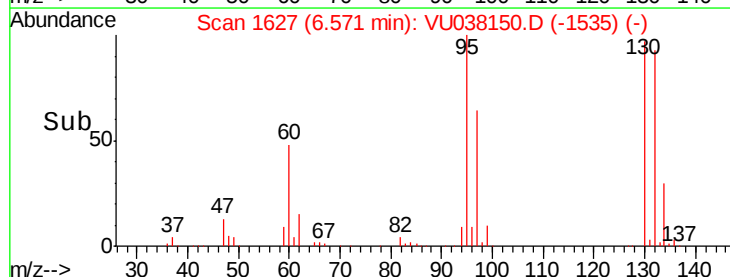
1000000

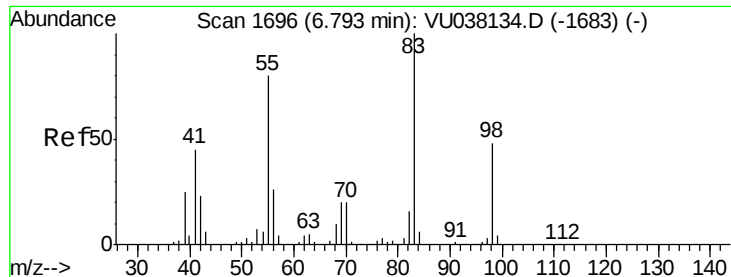
500000

0

Time-->

6.50 6.60 6.70

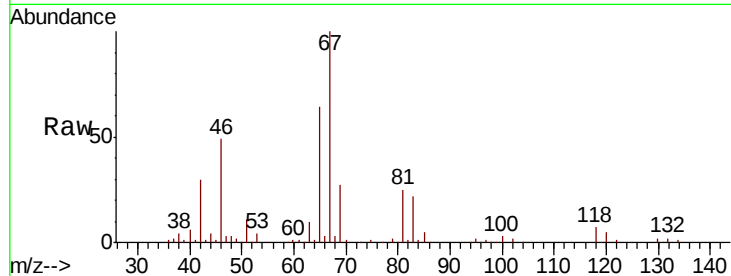




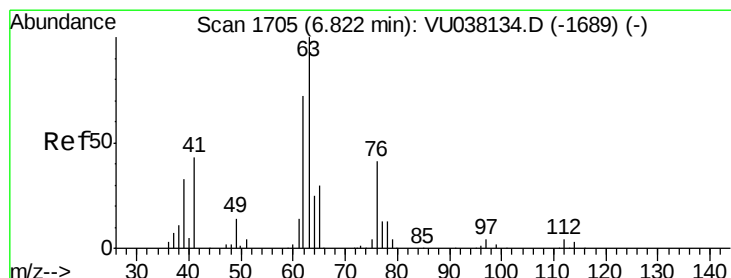
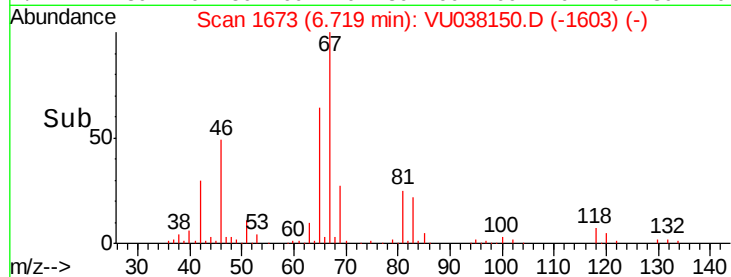
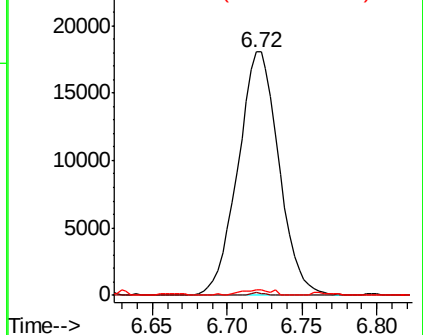
#35
Methvlcvclohexane
Concen: 0.781 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038150.D
Acq: 13 May 2020 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 34333
Ion Ratio Lower Upper
83 100
55 0.3 66.7 100.1#
98 0.0 39.4 59.2#

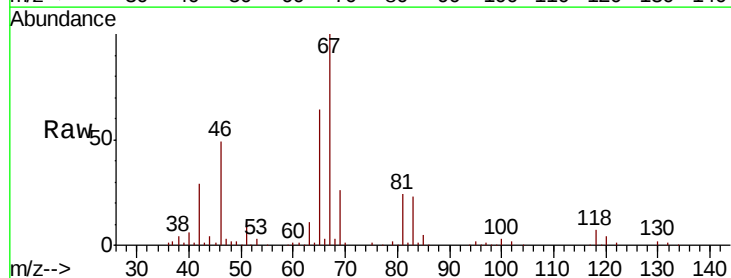


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

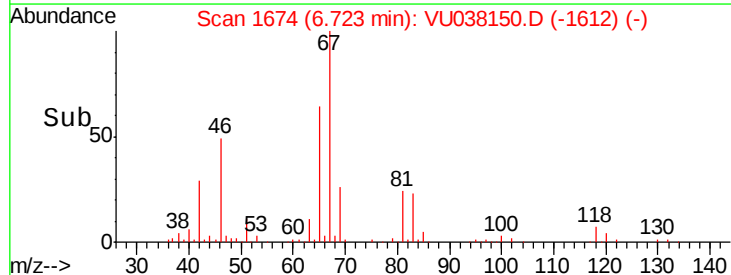
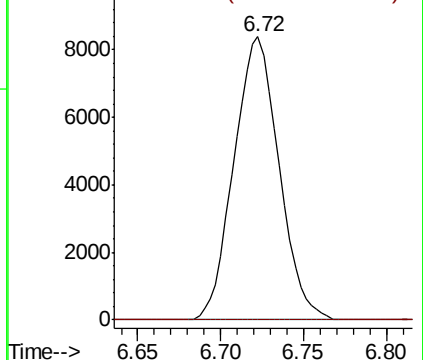


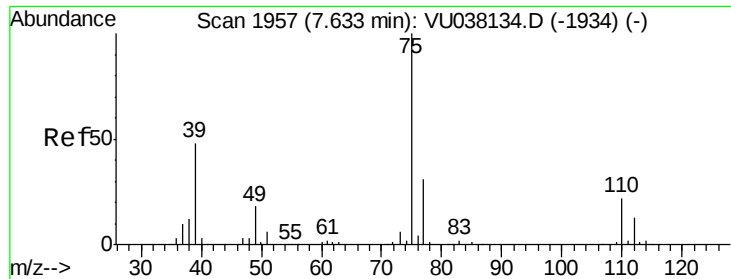
#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038150.D
Acq: 13 May 2020 17:49

Tgt Ion: 63 Resp: 15801
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

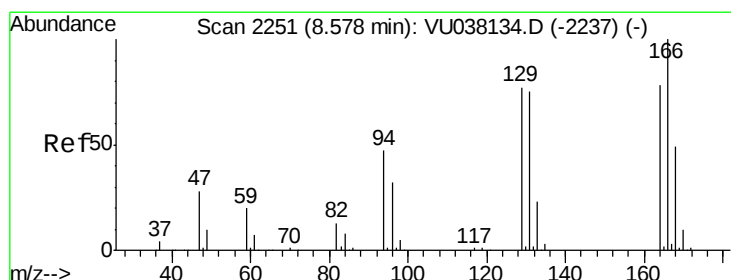
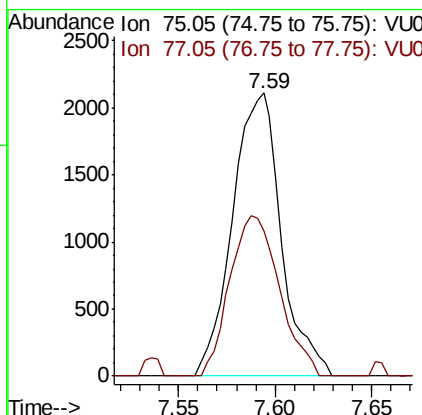
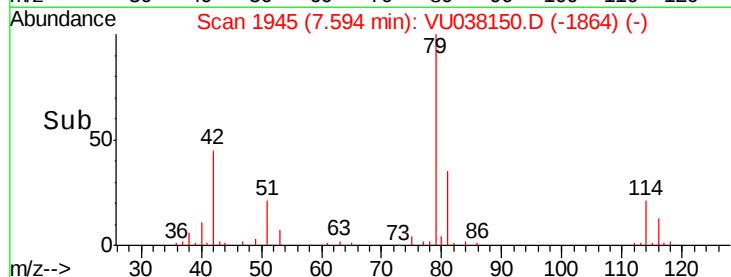
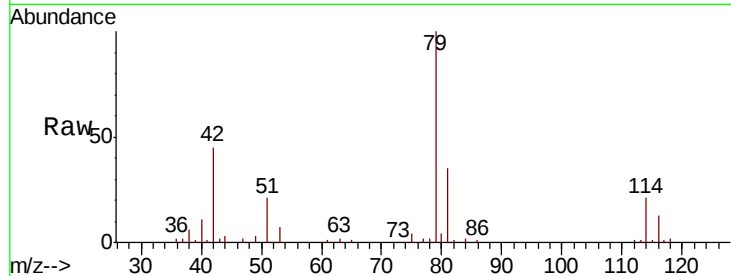




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038150.D
 Acq: 13 May 2020 17:49

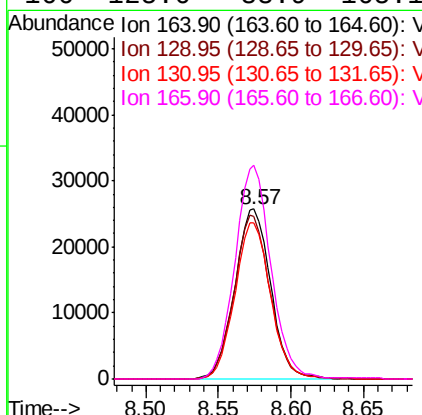
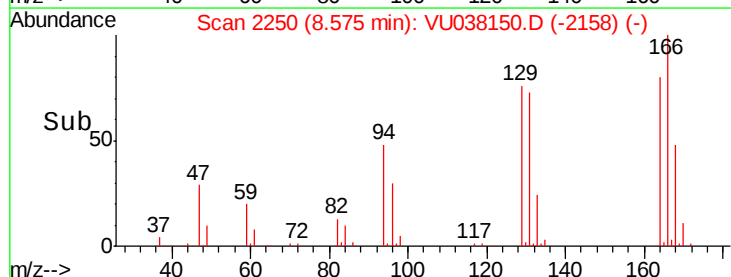
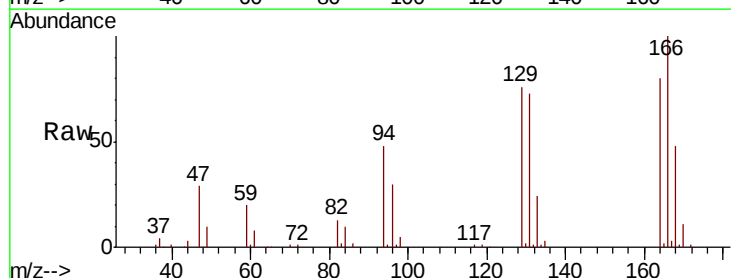
Instrument :
 MSVOA_U
 ClientSampleId :

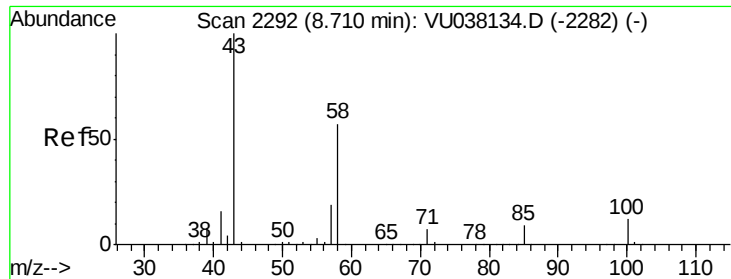
Tot Ion: 75 Resp: 3698
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.4 41.6#



#47
 Tetrachloroethene
 Concen: 2.338 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038150.D
 Acq: 13 May 2020 17:49

Tgt Ion: 164 Resp: 44362
 Ion Ratio Lower Upper
 164 100
 129 96.0 68.8 127.8
 131 92.1 66.8 124.2
 166 125.6 88.9 165.1

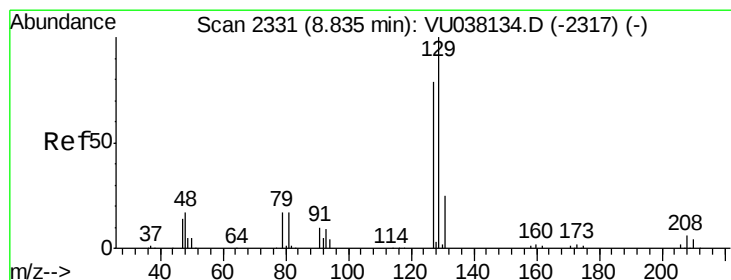
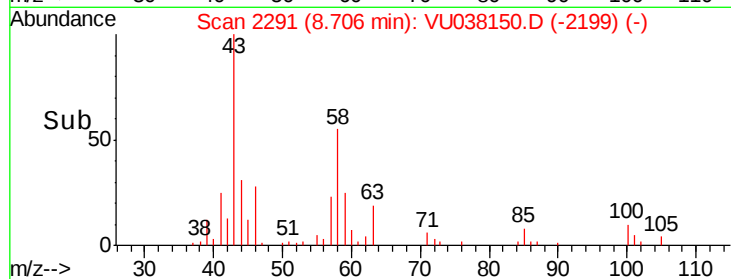
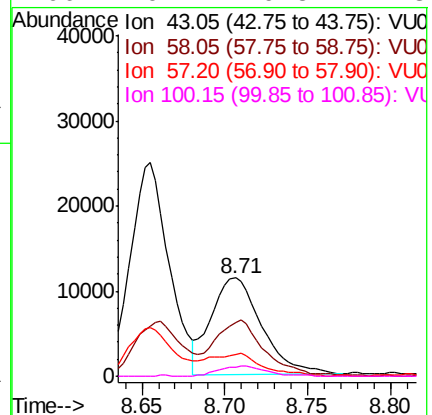
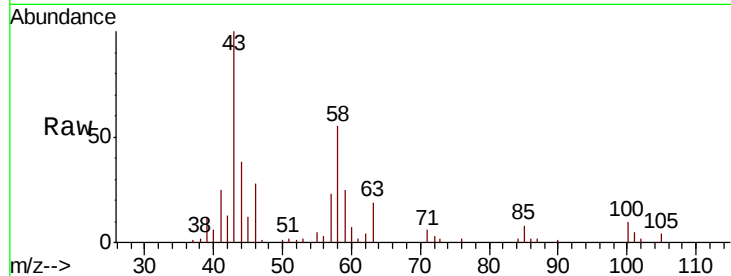




#48
2-Hexanone
Concen: 1.620 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038150.D
Acq: 13 May 2020 17:49

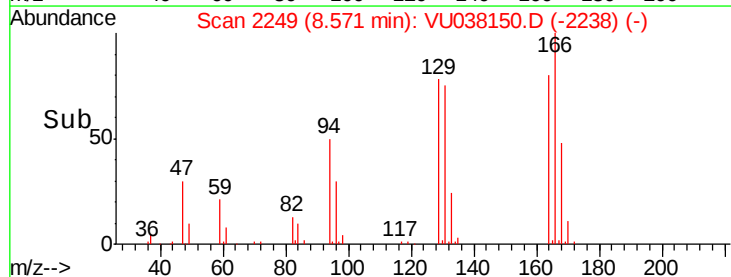
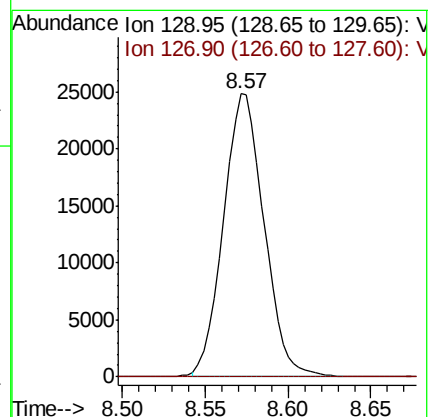
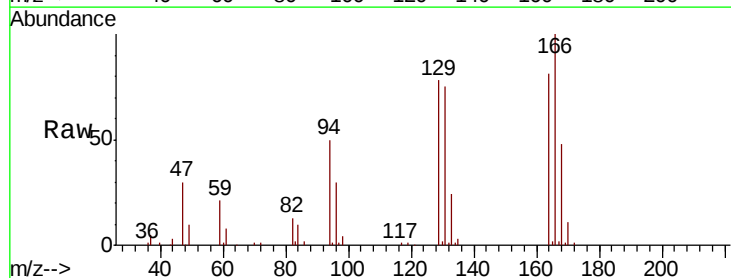
Instrument :
MSVOA_U
ClientSampled :

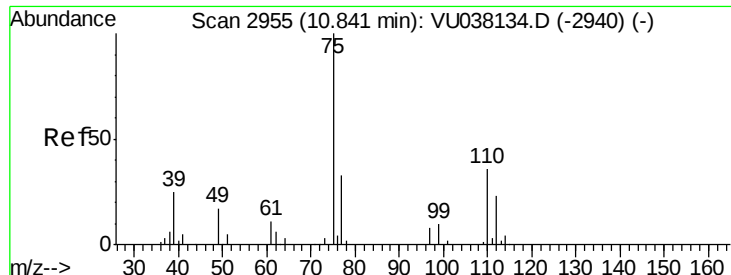
Tot Ion: 43 Resp: 24221
Ion Ratio Lower Upper
43 100
58 57.2 45.2 67.8
57 24.6 15.5 23.3#
100 9.7 9.5 14.3



#49
Dibromochloromethane
Concen: 1.991 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU038150.D
Acq: 13 May 2020 17:49

Tgt Ion: 129 Resp: 42264
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.076 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038150.D

Acq: 13 May 2020 17:49

Instrument :

MSVOA_U

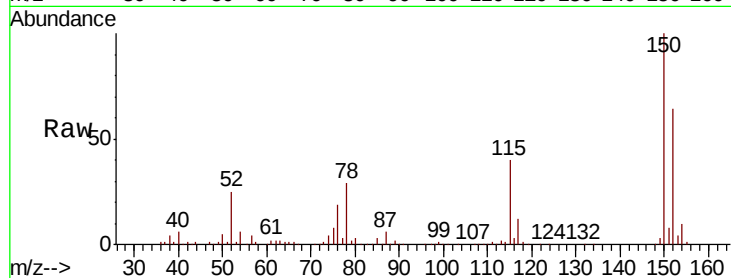
ClientSampleId :

Tot Ion: 75 Resp: 21269

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

