

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038481.D
 Acq On : 01 Jun 2020 19:09
 Operator : JC/MD
 Sample : L2789-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77200	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.93	69	75018	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	125795	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.68	46	367039	63.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.32%
24) Chloroform-d	5.10	84	191438	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.74	65	118455	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.76	84	384511	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.72	67	117927	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.92	98	314999	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.20	79	48469	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.65	63	310162	64.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109431	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	130669	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

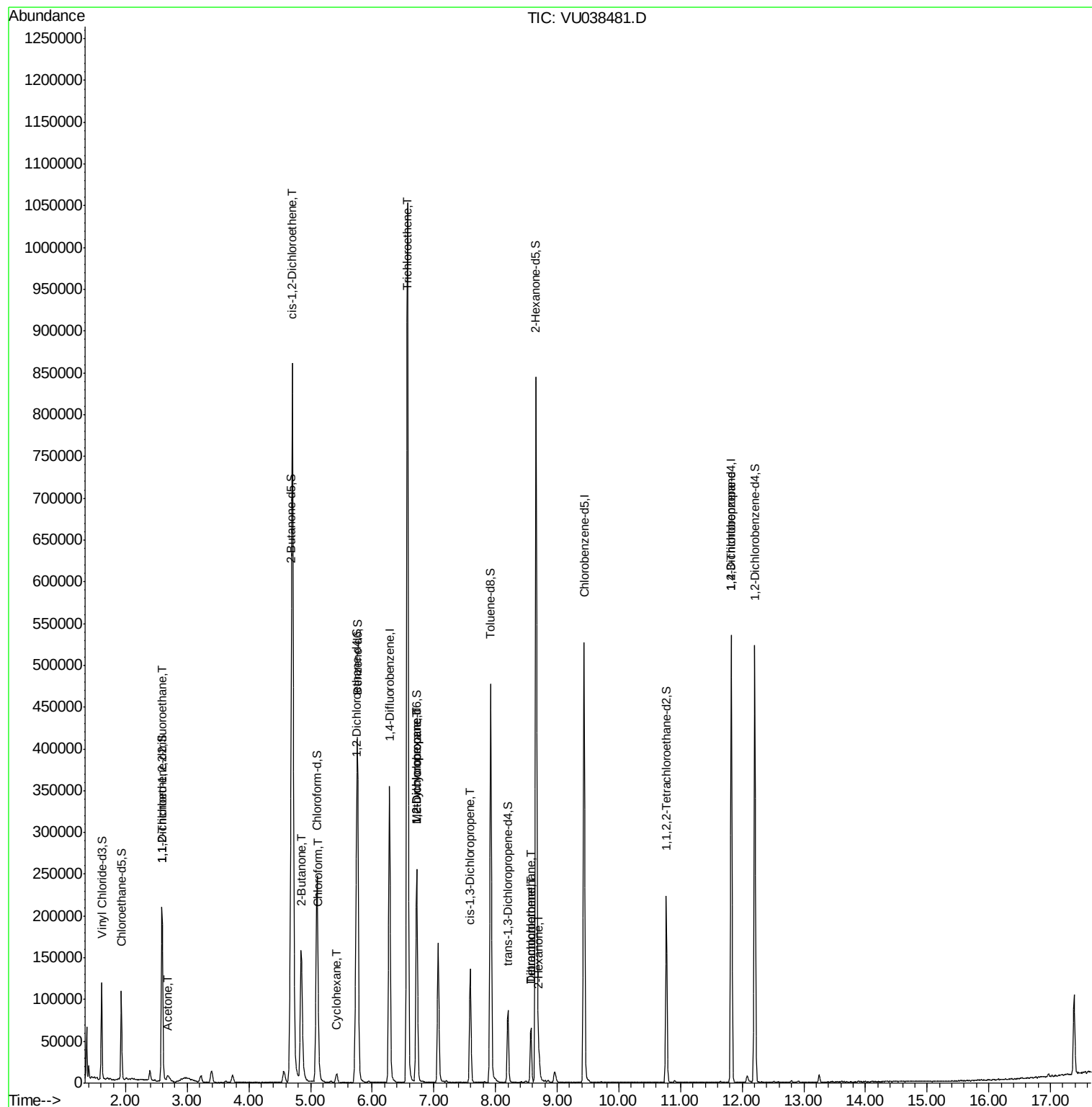
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2555	0.144	ug/L #	74
13) Acetone	2.68	43	17641	4.675	ug/L	65
21) 2-Butanone	4.85	43	232045	36.564	ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	382745	18.264	ug/L	96
25) Chloroform	5.13	83	17968	0.508	ug/L	100
30) Cyclohexane	5.43	56	5669	0.174	ug/L	93
34) Trichloroethene	6.57	95	361899	17.069	ug/L	97
35) Methylcyclohexane	6.72	83	28048	0.854	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12956	0.630	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3406	0.112	ug/L #	72
47) Tetrachloroethene	8.57	164	14197	0.922	ug/L	96
48) 2-Hexanone	8.70	43	13161	1.182	ug/L #	89
49) Dibromochloromethane	8.57	129	14177	0.847	ug/L #	11
59) 1,2,3-Trichloropropane	11.82	75	16720	1.090	ug/L #	87

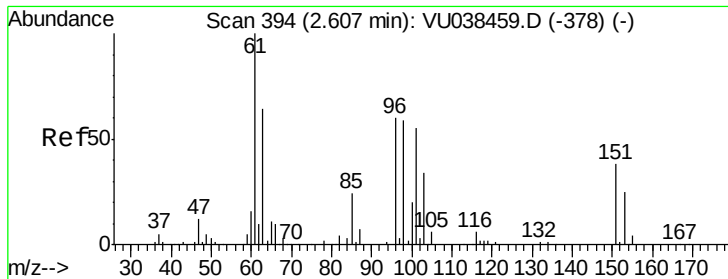
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.144 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU038481.D

Acq: 01 Jun 2020 19:09

Instrument :

MSVOA_U

ClientSampleId :

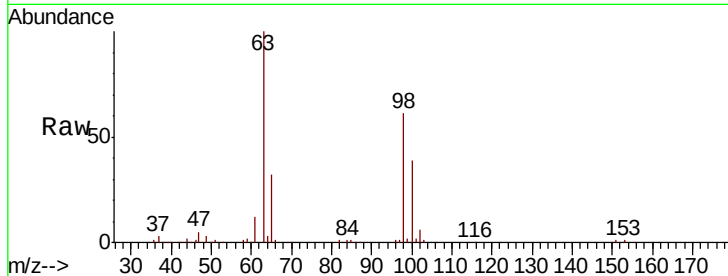
Tot Ion:101 Resp: 2555

Ion Ratio Lower Upper

101 100

85 33.9 34.0 51.0#

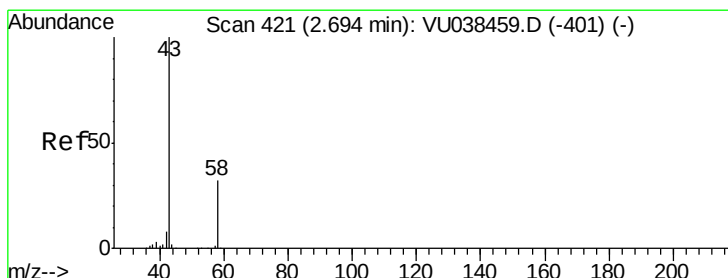
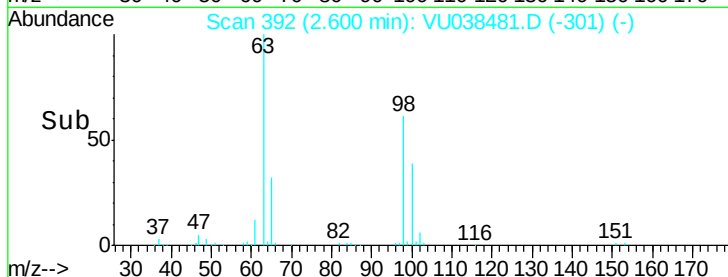
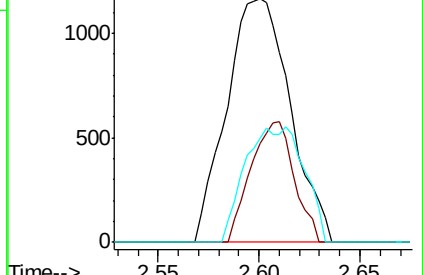
151 44.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.675 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU038481.D

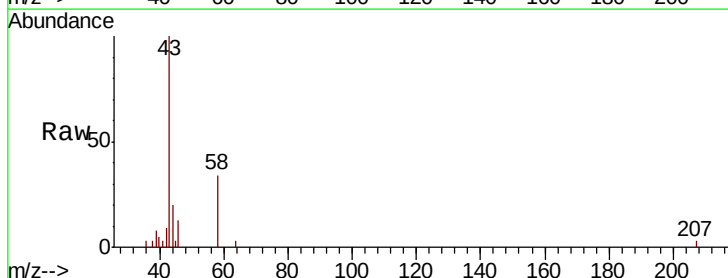
Acq: 01 Jun 2020 19:09

Tgt Ion: 43 Resp: 17641

Ion Ratio Lower Upper

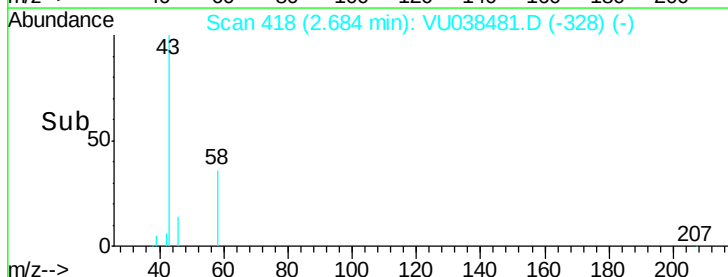
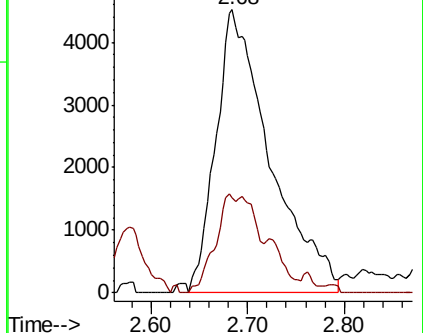
43 100

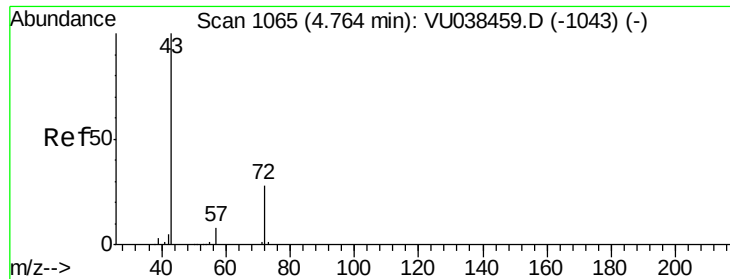
58 13.2 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

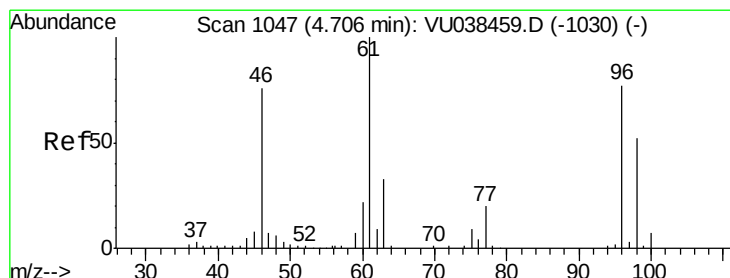
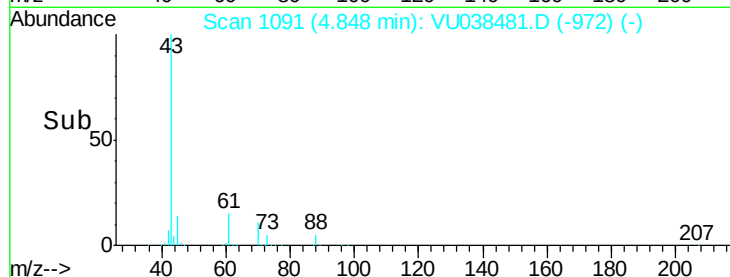
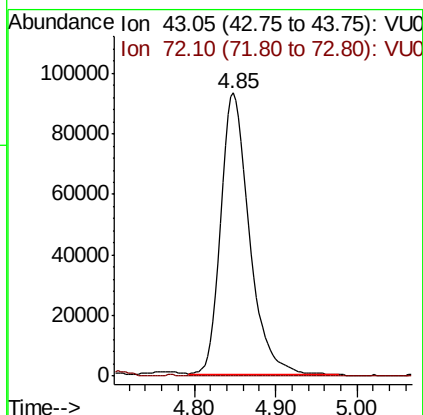
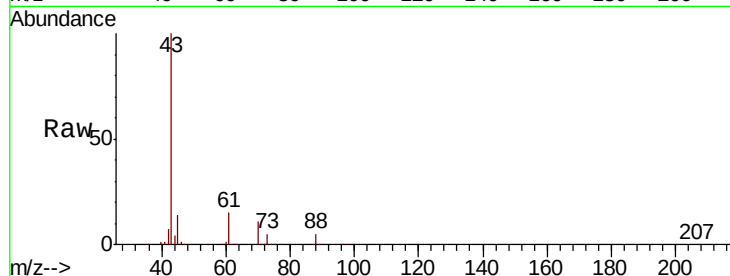




#21
2-Butanone
Concen: 36.564 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.08 min
Lab File: VU038481.D
Acq: 01 Jun 2020 19:09

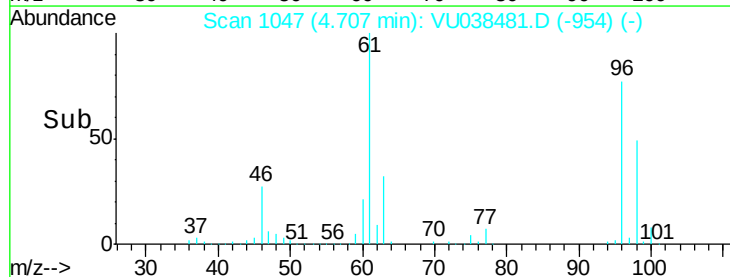
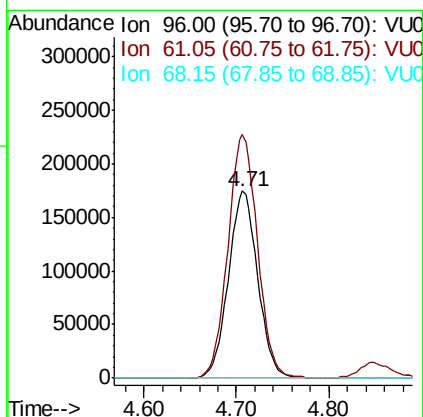
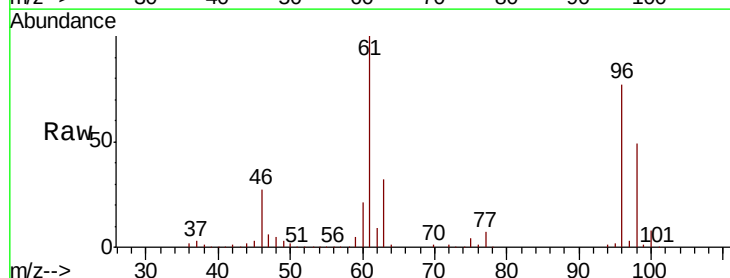
Instrument :
MSVOA_U
ClientSampled :

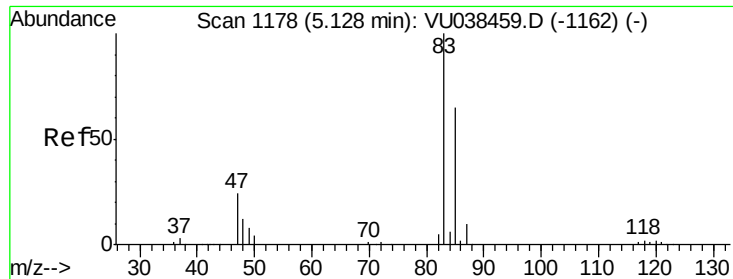
Tot Ion: 43 Resp: 232045
Ion Ratio Lower Upper
43 100
72 0.1 12.6 37.8#



#22
cis-1,2-Dichloroethene
Concen: 18.264 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU038481.D
Acq: 01 Jun 2020 19:09

Tgt Ion: 96 Resp: 382745
Ion Ratio Lower Upper
96 100
61 130.1 94.0 174.6
68 0.0 0.0 0.0

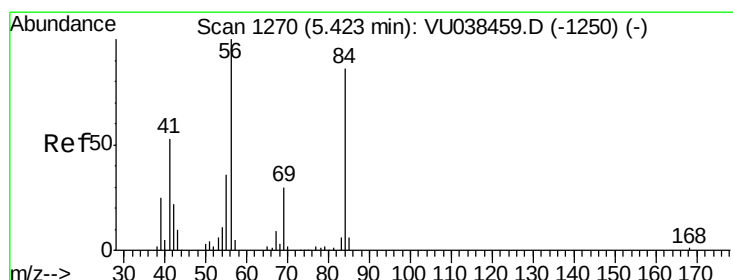
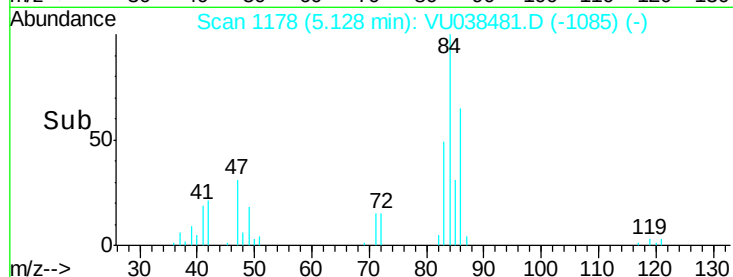
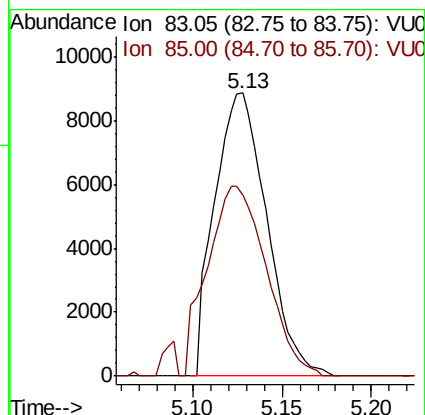
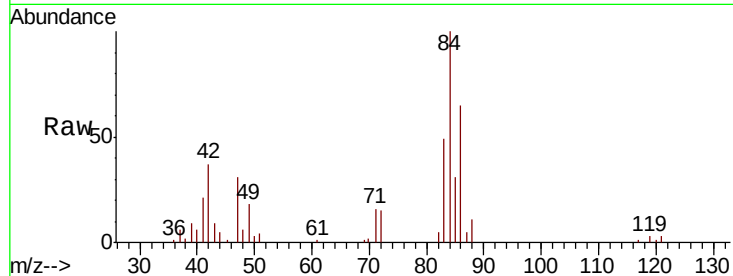




#25
Chloroform
Concen: 0.508 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038481.D
Acq: 01 Jun 2020 19:09

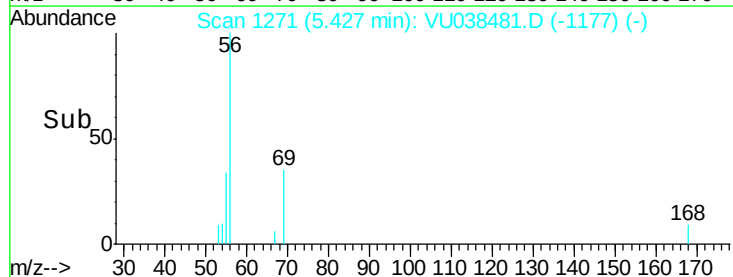
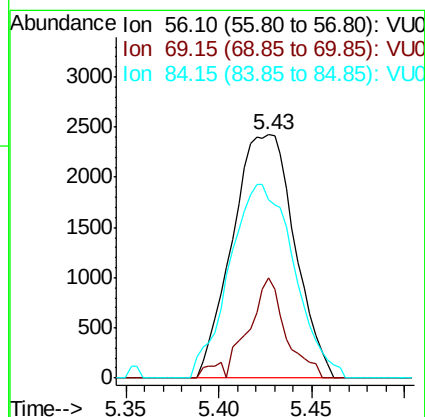
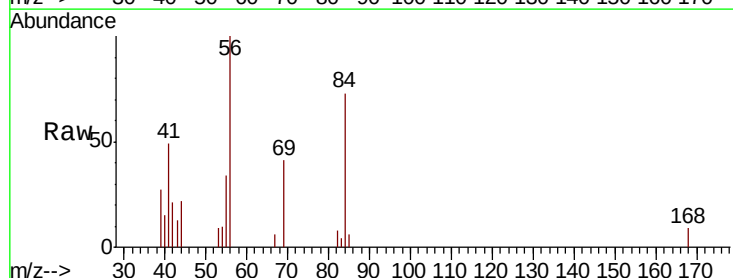
Instrument :
MSVOA_U
ClientSampleId :

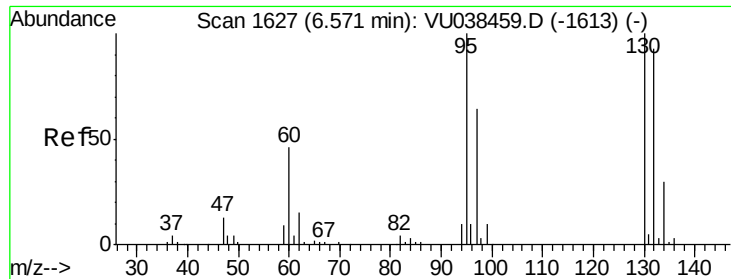
Tot Ion: 83 Resp: 17968
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.5



#30
Cyclohexane
Concen: 0.174 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038481.D
Acq: 01 Jun 2020 19:09

Tgt Ion: 56 Resp: 5669
Ion Ratio Lower Upper
56 100
69 24.5 24.2 36.4
84 82.8 70.8 106.2

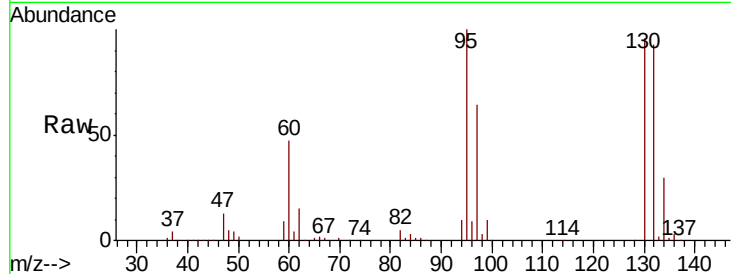




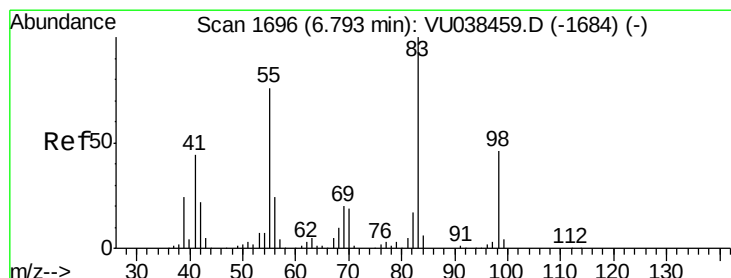
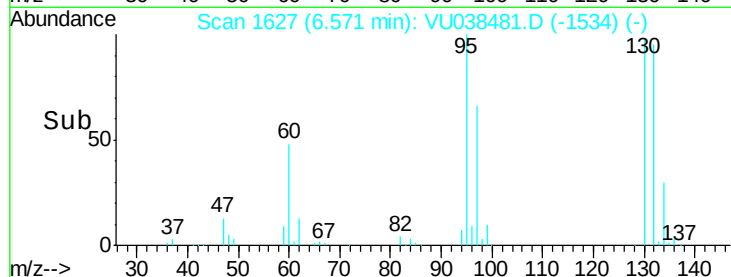
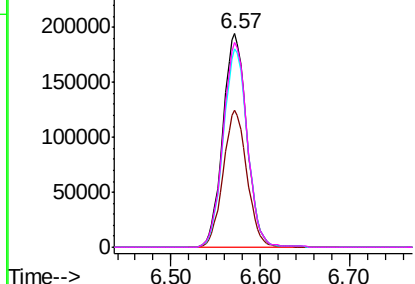
#34
 Trichloroethene
 Concen: 17.069 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038481.D
 Acq: 01 Jun 2020 19:09

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	95	Resp:	361899
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.8	87.0
132	92.8	66.1	122.7
130	95.7	70.0	130.0

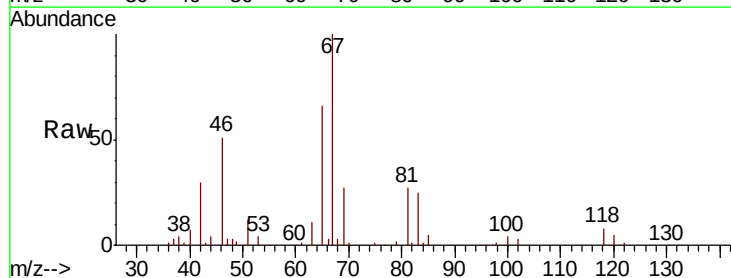


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

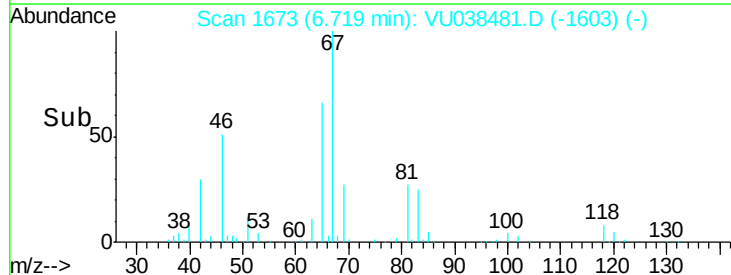
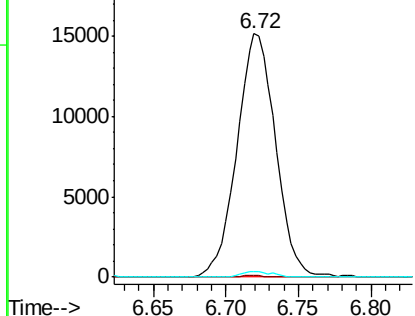


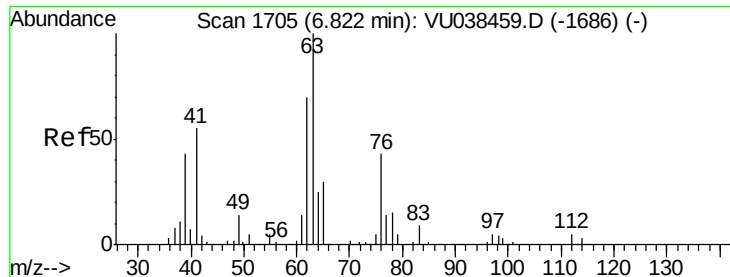
#35
 Methylcyclohexane
 Concen: 0.854 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038481.D
 Acq: 01 Jun 2020 19:09

Tgt Ion:	83	Resp:	28048
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	1.9	39.0	58.4#



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: 0.630 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038481.D

Acq: 01 Jun 2020 19:09

Instrument :

MSVOA_U

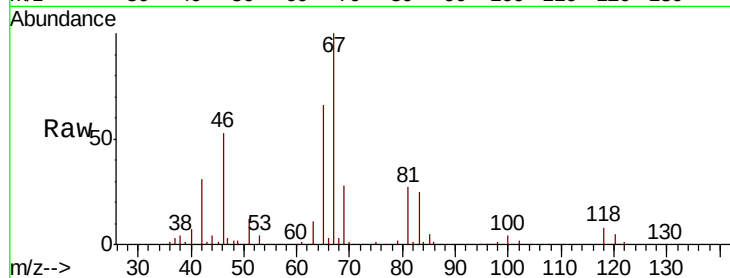
ClientSampleId :

Tot Ion: 63 Resp: 12956

Ion Ratio Lower Upper

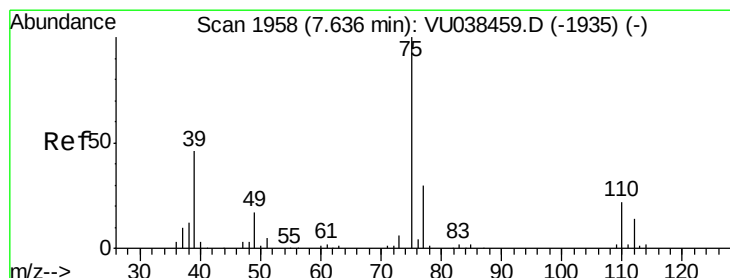
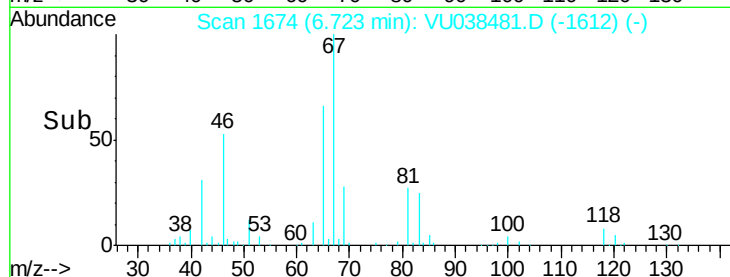
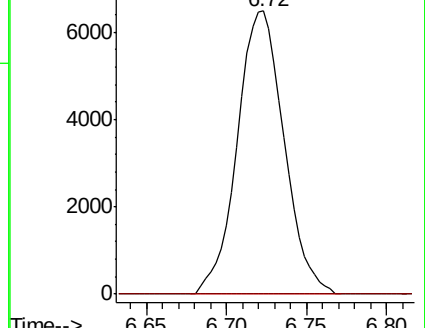
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038481.D (-1674) (-)

Ion 112.10 (111.80 to 112.80): VU038481.D (-1674) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038481.D

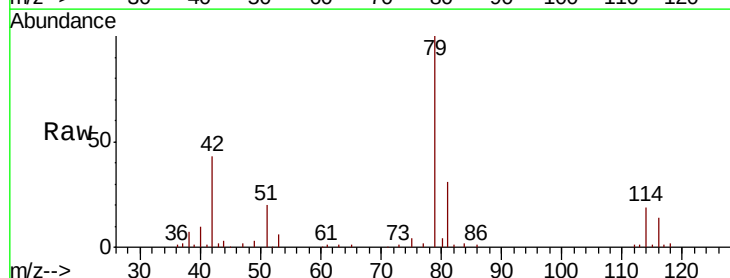
Acq: 01 Jun 2020 19:09

Tgt Ion: 75 Resp: 3406

Ion Ratio Lower Upper

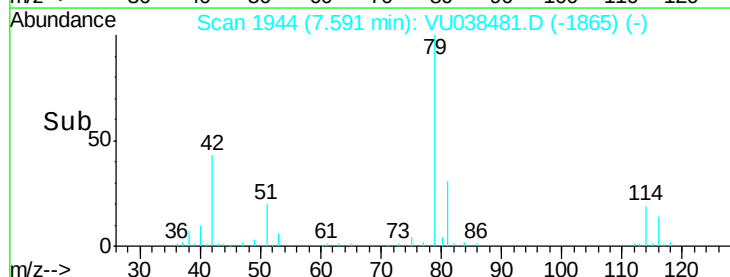
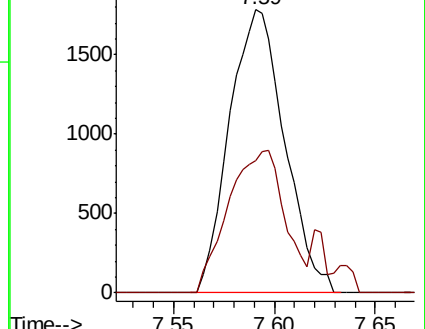
75 100

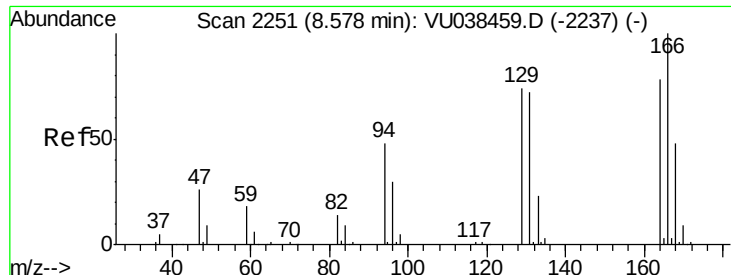
77 46.7 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038481.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU038481.D (-1865) (-)

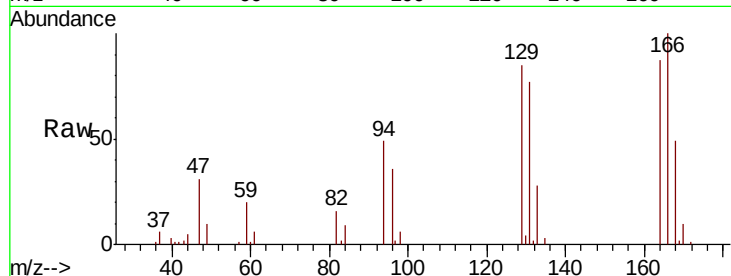




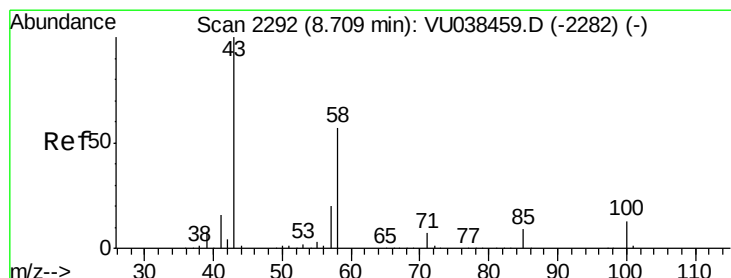
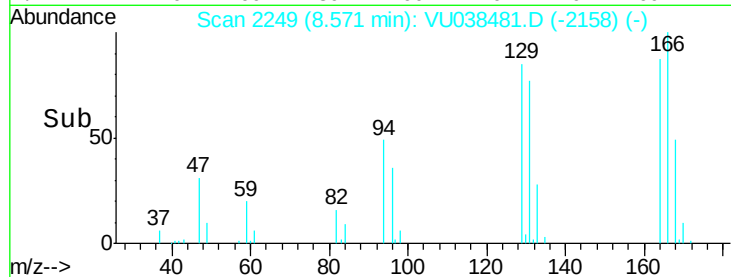
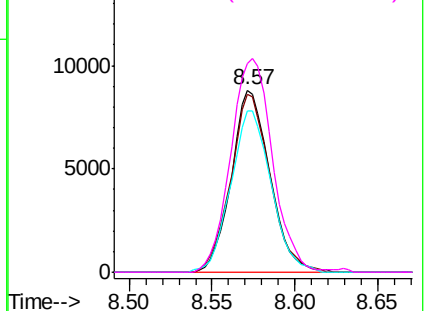
#47
Tetrachloroethene
Concen: 0.922 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.01 min
Lab File: VU038481.D
Acq: 01 Jun 2020 19:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 14197
Ion Ratio Lower Upper
164 100
129 97.9 67.4 125.2
131 88.8 64.1 119.1
166 114.8 85.7 159.1

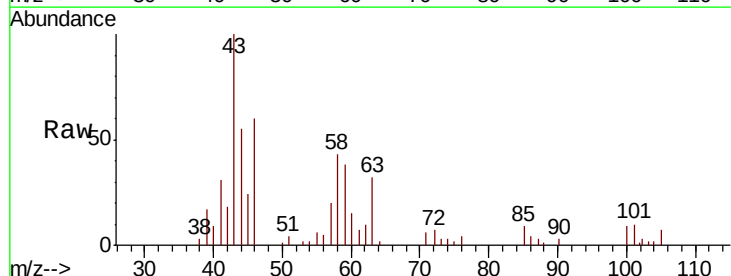


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

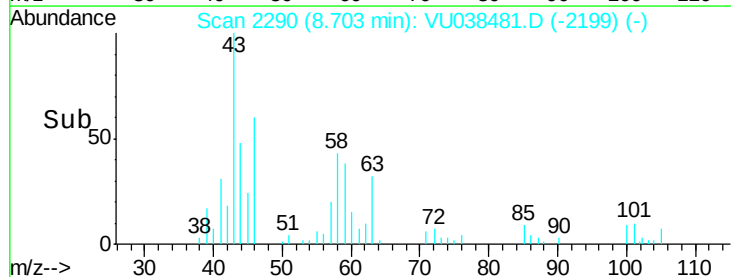
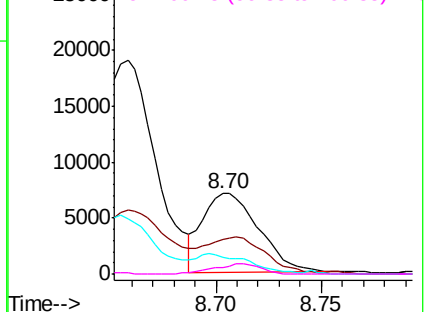


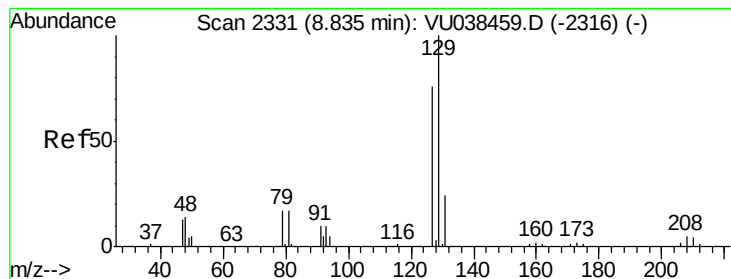
#48
2-Hexanone
Concen: 1.182 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038481.D
Acq: 01 Jun 2020 19:09

Tgt Ion: 43 Resp: 13161
Ion Ratio Lower Upper
43 100
58 45.3 45.4 68.0#
57 21.5 15.9 23.9
100 11.0 10.5 15.7



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.847 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038481.D

Acq: 01 Jun 2020 19:09

Instrument :

MSVOA_U

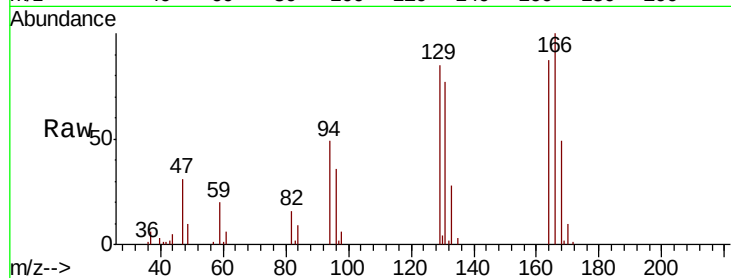
ClientSampled :

Tot Ion:129 Resp: 14177

Ion Ratio Lower Upper

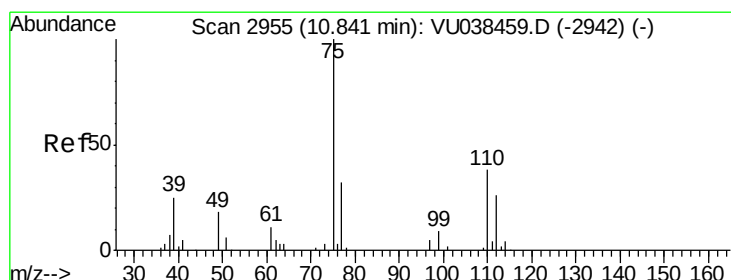
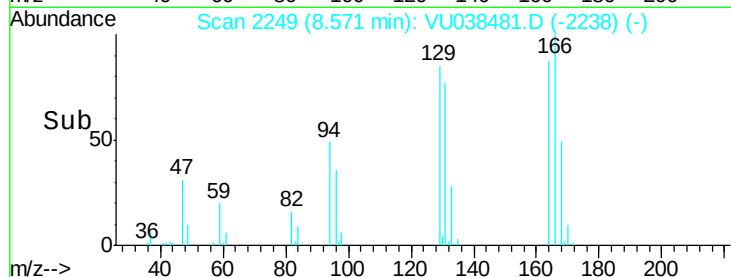
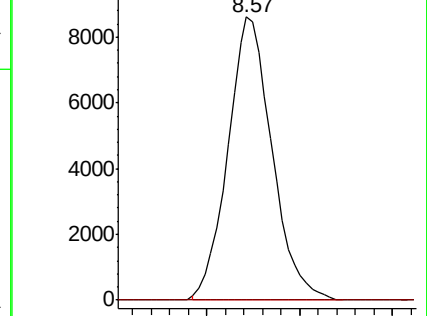
129 100

127 0.0 53.3 99.1#



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: 1.090 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038481.D

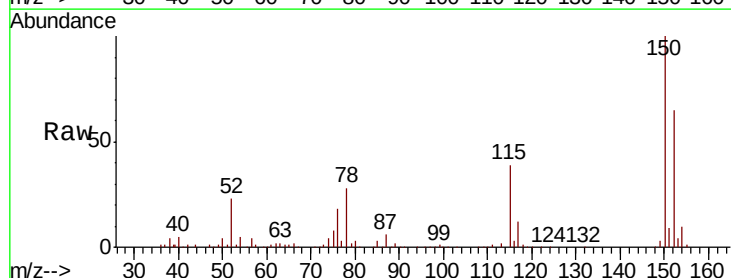
Acq: 01 Jun 2020 19:09

Tgt Ion: 75 Resp: 16720

Ion Ratio Lower Upper

75 100

77 38.9 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

