

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038517.D
 Acq On : 03 Jun 2020 16:40
 Operator : SY/MD
 Sample : L2856-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD5

Quant Time: Jun 04 01:50:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	300844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	300000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	58271	2.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.80%
7) Chloroethane-d5	1.93	69	60027	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.59	63	99866	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.68	46	356348	60.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.50%
24) Chloroform-d	5.10	84	171722	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	107786	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.76	84	328574	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	108234	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	268112	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.20	79	42794	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.65	63	298714	61.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102788	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	120456	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

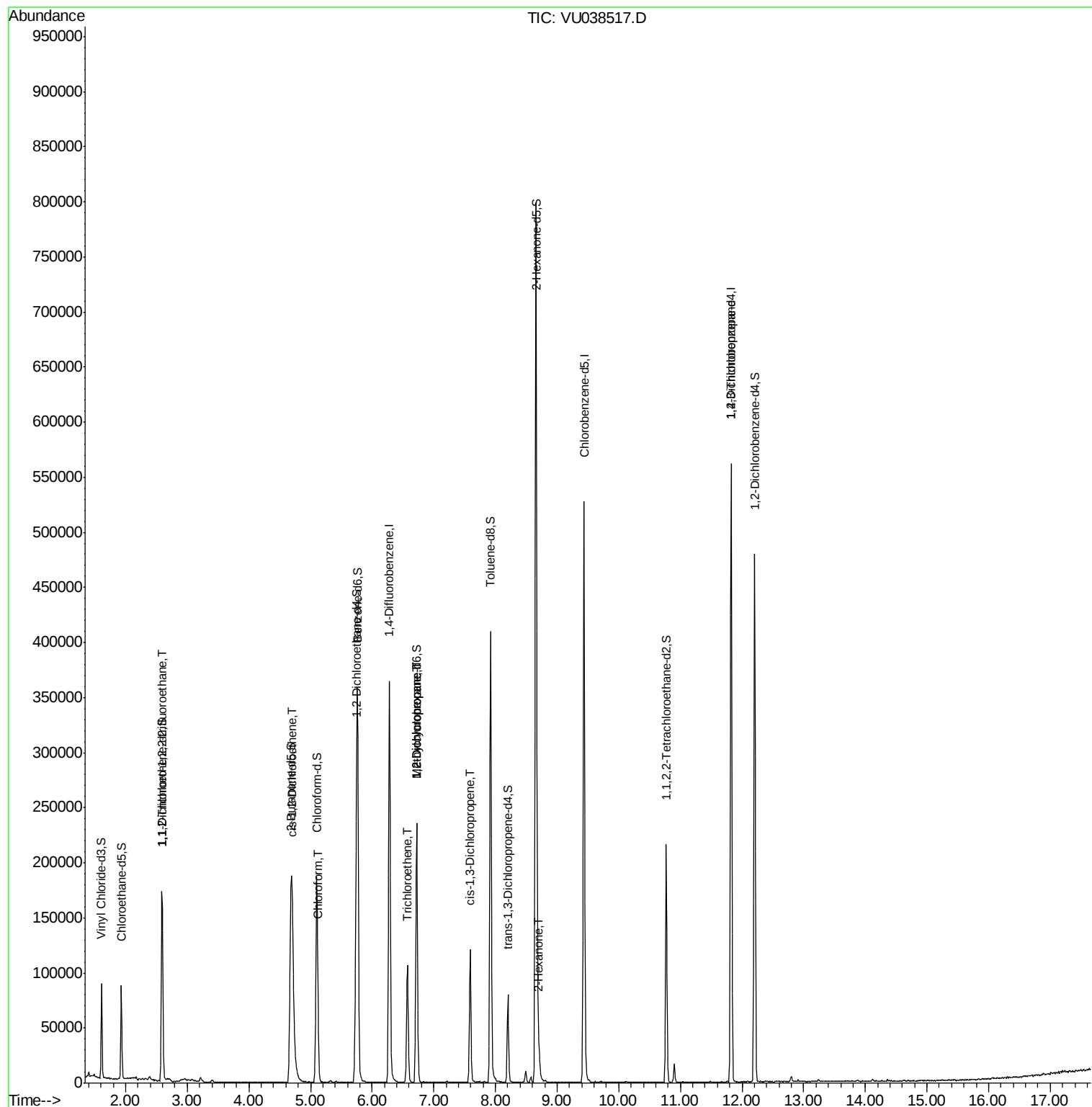
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5789	0.318 ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	26352	1.226 ug/L	94
25) Chloroform	5.13	83	7070	0.195 ug/L	97
34) Trichloroethene	6.57	95	35789	1.648 ug/L	96
35) Methylcyclohexane	6.72	83	25807	0.768 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11917	0.566 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2312	0.074 ug/L #	26
48) 2-Hexanone	8.71	43	12644	1.109 ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	17870	1.137 ug/L #	84

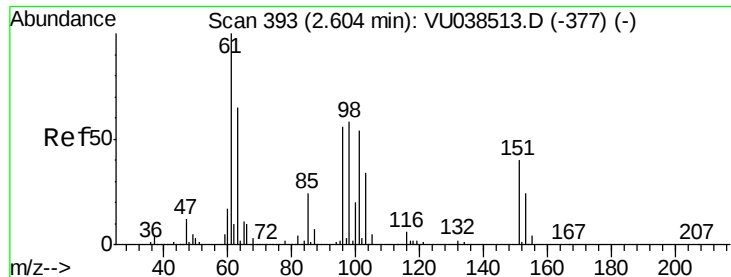
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 01:48:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.318 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038517.D

Acq: 03 Jun 2020 16:40

Instrument :

MSVOA_U

ClientSampled :

BFXD5

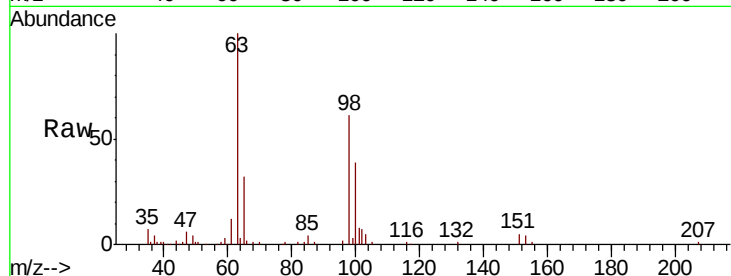
Tot Ion:101 Resp: 5789

Ion Ratio Lower Upper

101 100

85 44.6 34.0 51.0

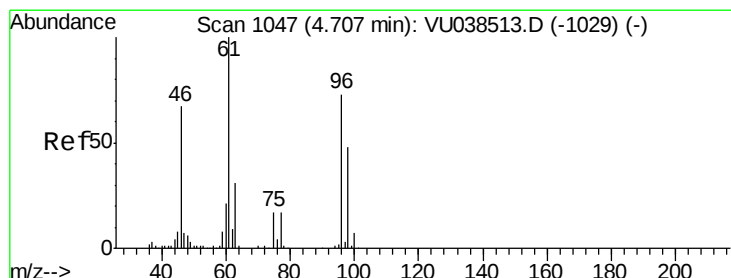
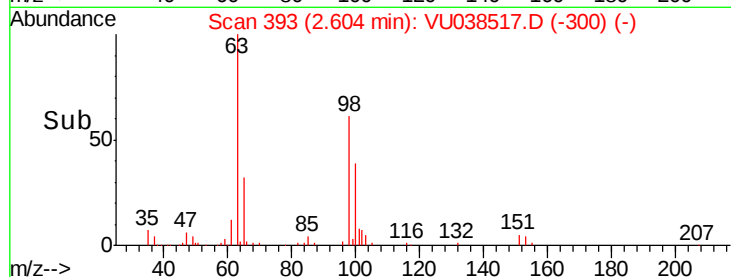
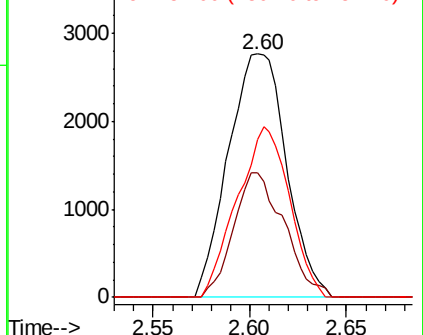
151 62.9 56.9 85.3



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



#22

cis-1,2-Dichloroethene

Concen: 1.226 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038517.D

Acq: 03 Jun 2020 16:40

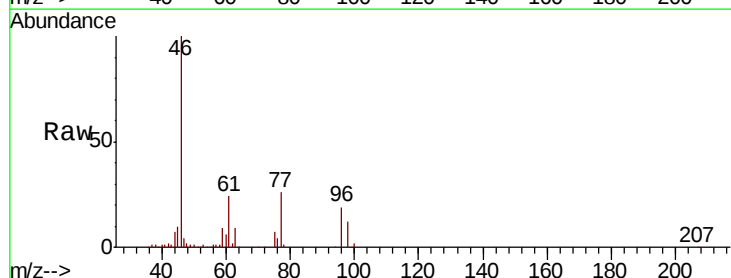
Tgt Ion: 96 Resp: 26352

Ion Ratio Lower Upper

96 100

61 126.7 94.0 174.6

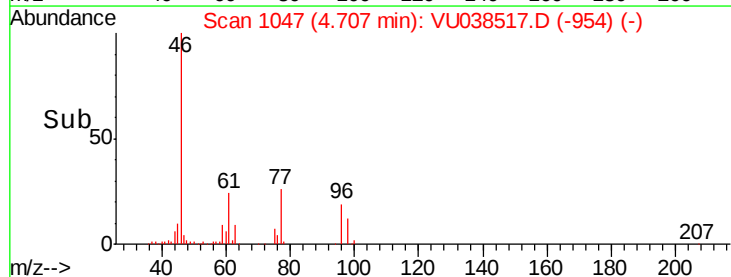
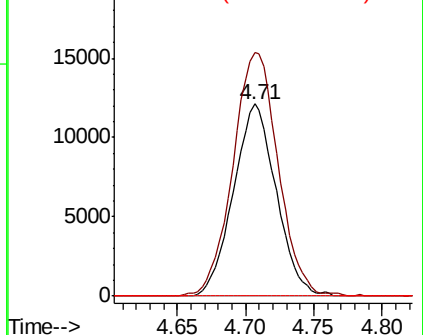
68 0.0 0.0 0.0

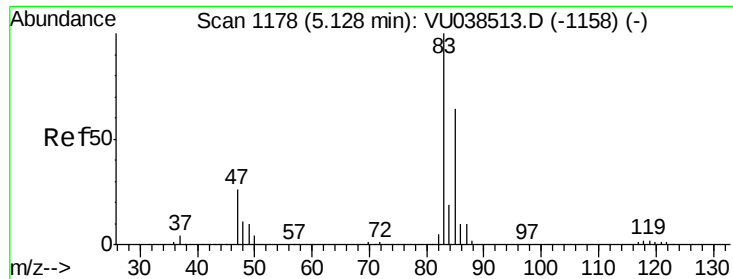


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

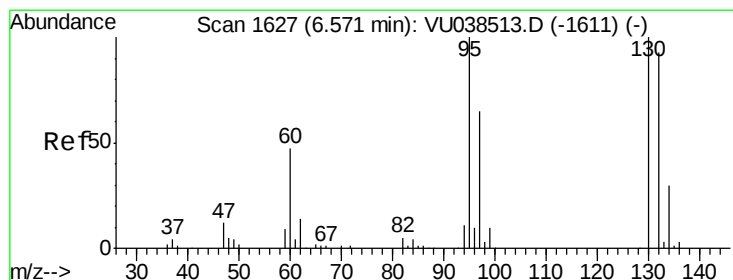
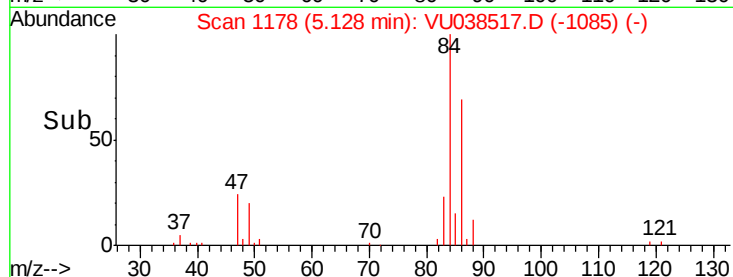
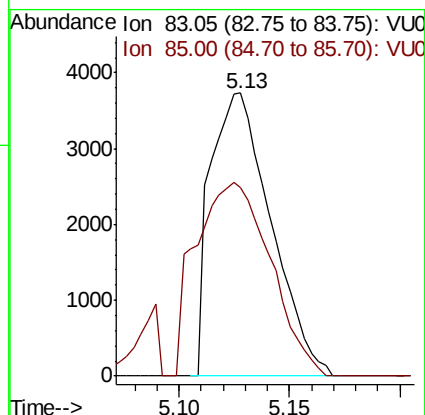
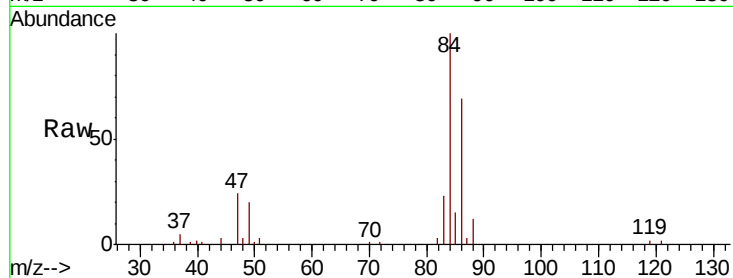




#25
Chloroform
Concen: 0.195 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038517.D
Acq: 03 Jun 2020 16:40

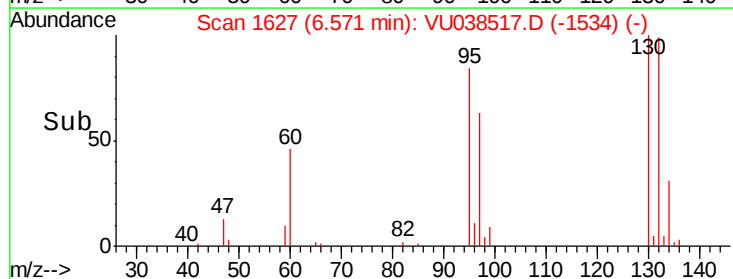
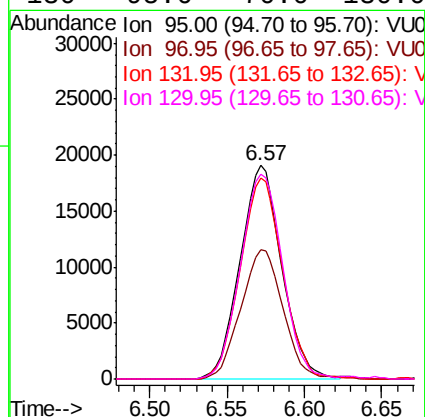
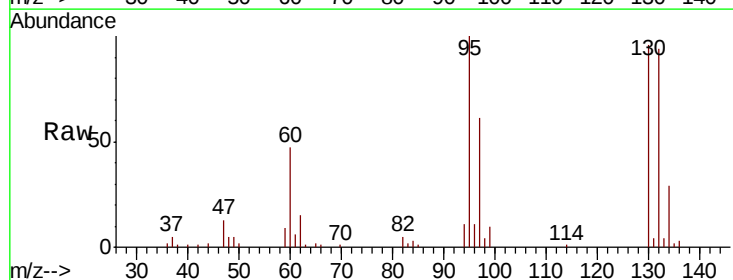
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MSVOA_U
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BFXD5

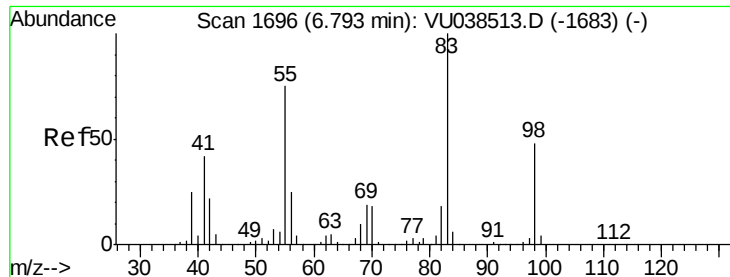
Tot Ion: 83 Resp: 7070
Ion Ratio Lower Upper
83 100
85 66.5 44.9 83.5



#34
Trichloroethene
Concen: 1.648 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038517.D
Acq: 03 Jun 2020 16:40

Tgt Ion: 95 Resp: 35789
Ion Ratio Lower Upper
95 100
97 60.5 46.8 87.0
132 94.3 66.1 122.7
130 95.6 70.0 130.0

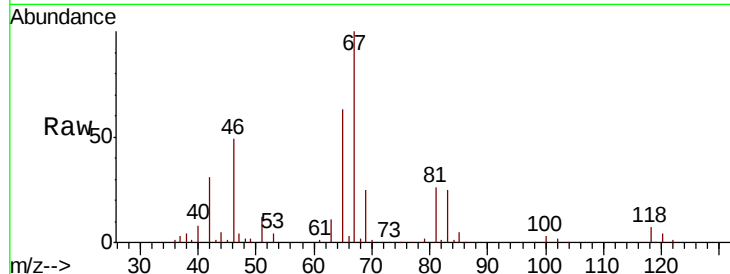




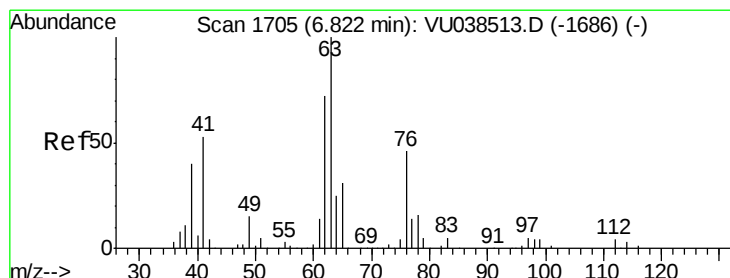
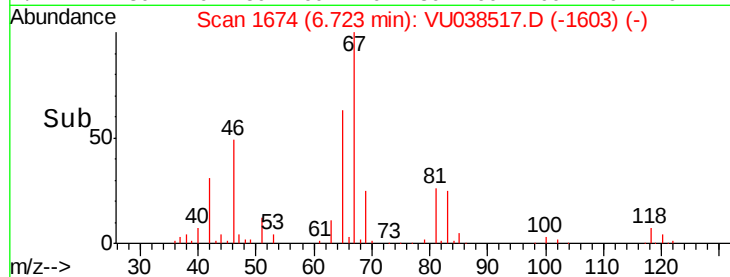
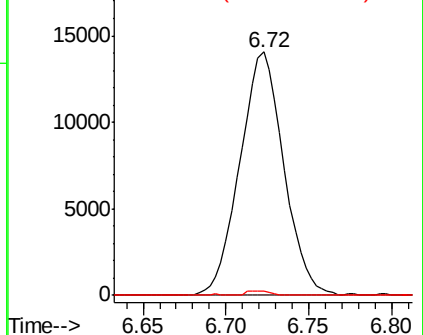
#35
Methvlcvclohexane
Concen: 0.768 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038517.D
Acq: 03 Jun 2020 16:40

Instrument :
MSVOA_U
ClientSampleId :
BFXD5

Tot Ion: 83 Resp: 25807
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.9 39.0 58.4#

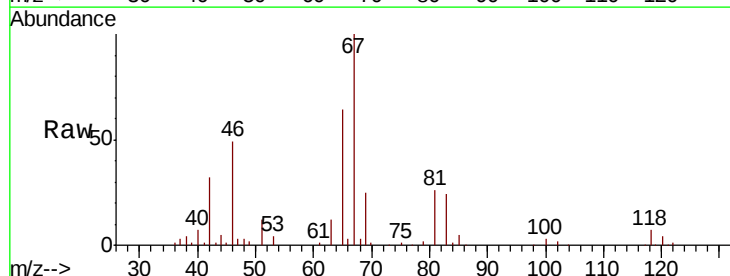


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

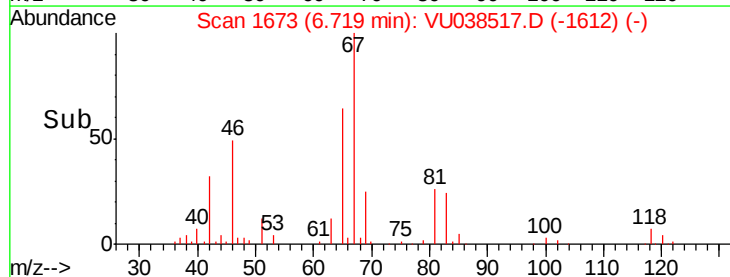
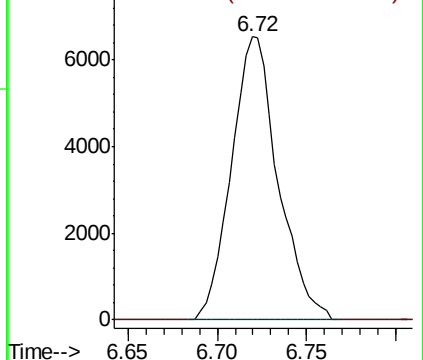


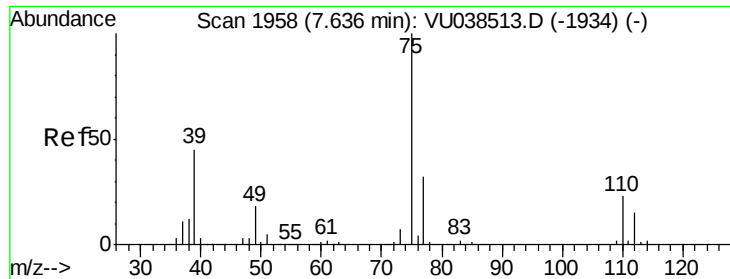
#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038517.D
Acq: 03 Jun 2020 16:40

Tgt Ion: 63 Resp: 11917
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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

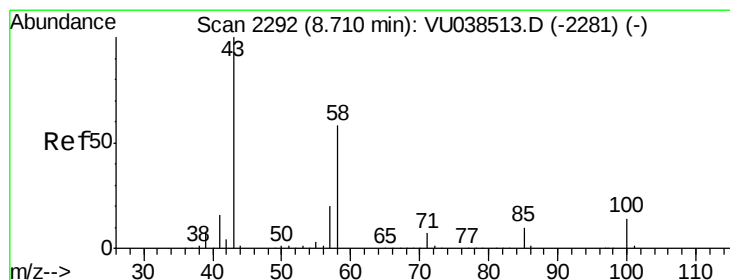
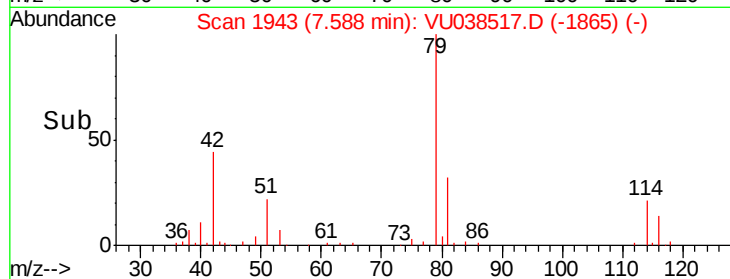
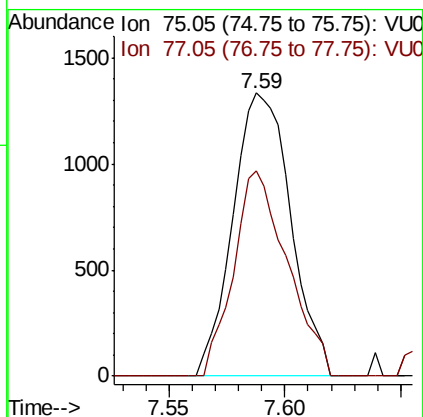
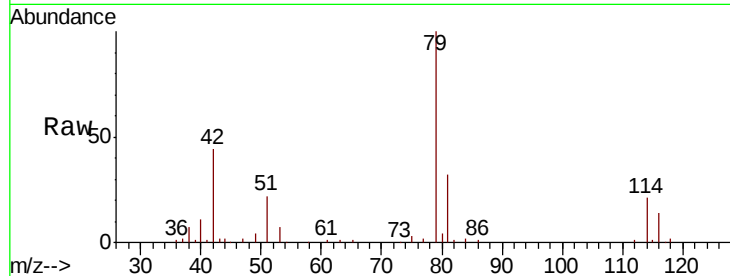




#39
 cis-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038517.D
 Acq: 03 Jun 2020 16:40

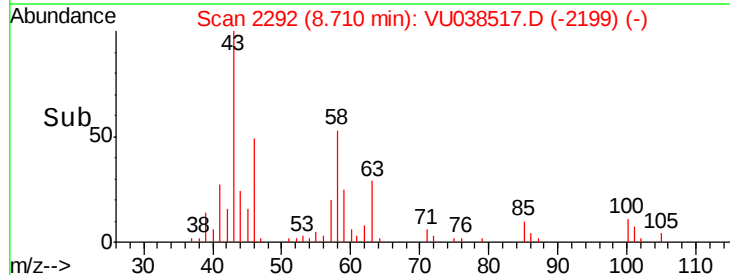
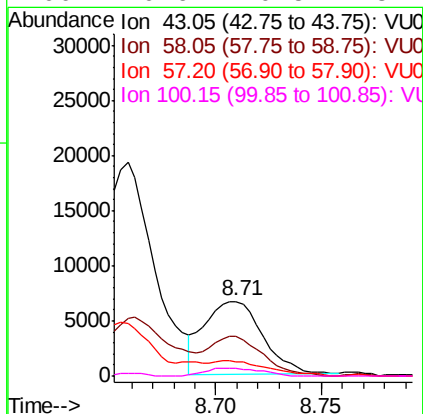
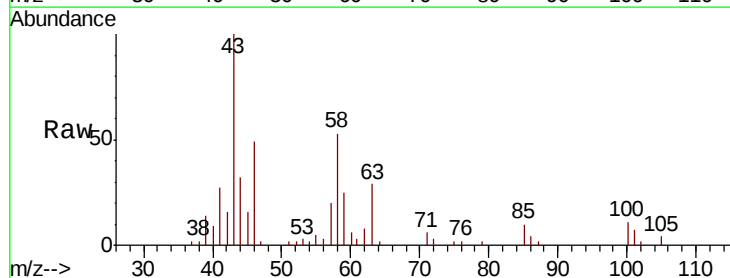
Instrument :
 MSVOA_U
 ClientSampled :
 BFXD5

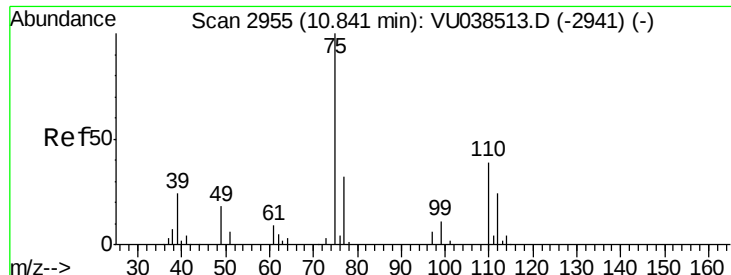
Tot Ion: 75 Resp: 2312
 Ion Ratio Lower Upper
 75 100
 77 72.4 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.109 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038517.D
 Acq: 03 Jun 2020 16:40

Tgt Ion: 43 Resp: 12644
 Ion Ratio Lower Upper
 43 100
 58 50.4 45.4 68.0
 57 19.2 15.9 23.9
 100 10.6 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.137 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038517.D

Acq: 03 Jun 2020 16:40

Instrument :

MSVOA_U

ClientSampleId :

BFXD5

Tot Ion: 75 Resp: 17870

Ion Ratio Lower Upper

75 100

77 40.8 25.4 38.2#

