

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038516.D
 Acq On : 03 Jun 2020 16:17
 Operator : SY/MD
 Sample : L2856-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD4

Quant Time: Jun 04 01:49:55 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	289707	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135741	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	57312	3.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.20%
7) Chloroethane-d5	1.93	69	60122	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.59	63	101873	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.69	46	353376	62.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.08%
24) Chloroform-d	5.10	84	174257	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.74	65	106292	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.76	84	333641	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	108033	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	273954	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.20	79	43696	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.66	63	291957	62.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101063	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	120792	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

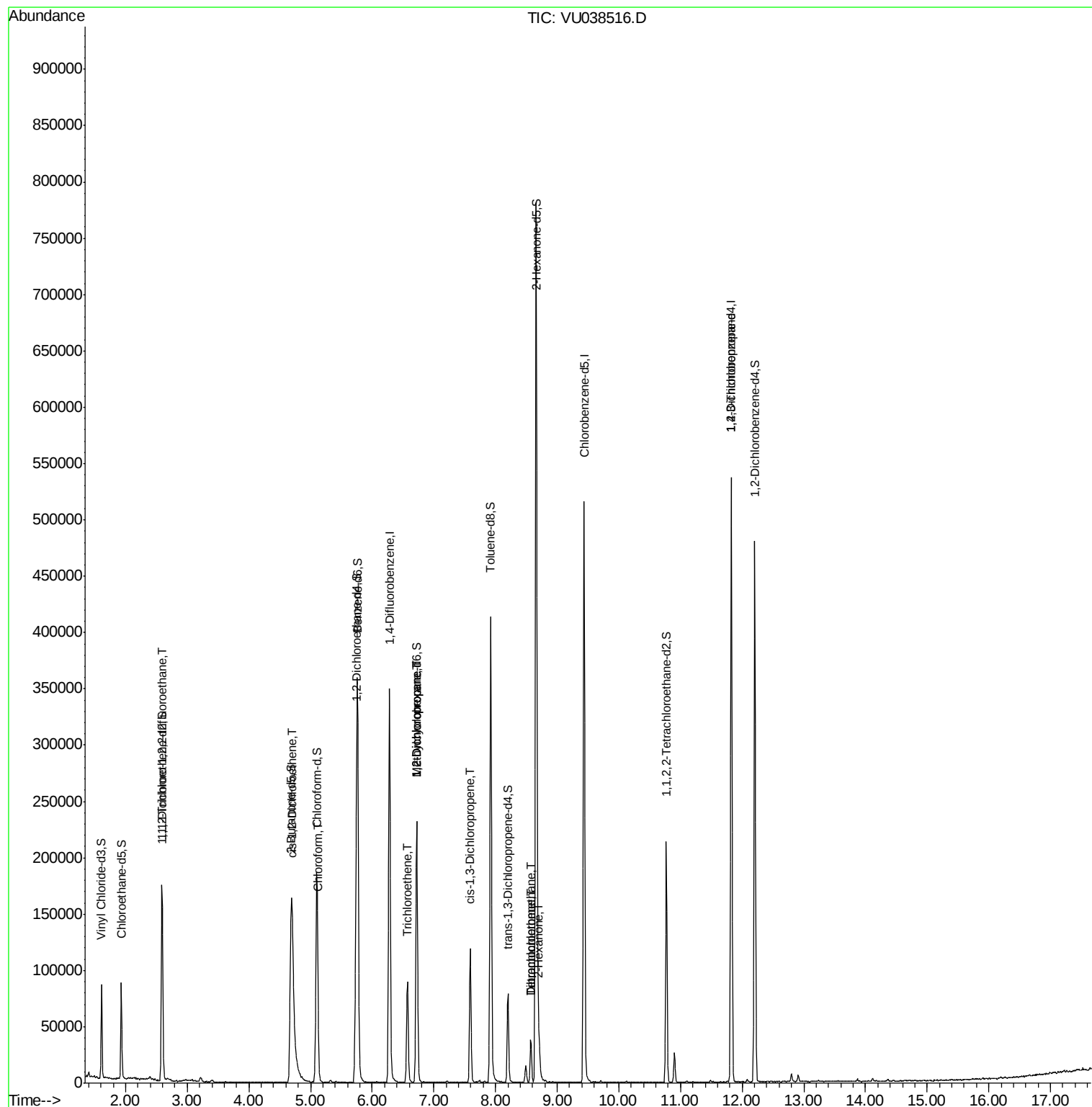
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5166	0.294	ug/L	88
22) cis-1,2-Dichloroethene	4.71	96	18022	0.870	ug/L	97
25) Chloroform	5.12	83	6703	0.192	ug/L	99
34) Trichloroethene	6.57	95	29837	1.429	ug/L	97
35) Methylcyclohexane	6.72	83	26572	0.822	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12209	0.603	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3055	0.102	ug/L #	65
47) Tetrachloroethene	8.57	164	8712	0.574	ug/L	95
48) 2-Hexanone	8.71	43	14097	1.286	ug/L #	92
49) Dibromochloromethane	8.57	129	8396	0.509	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	16648	1.102	ug/L #	84

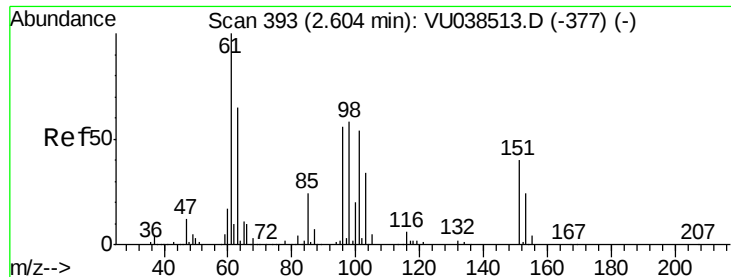
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.294 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038516.D

Acq: 03 Jun 2020 16:17

Instrument :

MSVOA_U

ClientSampleId :

BFXD4

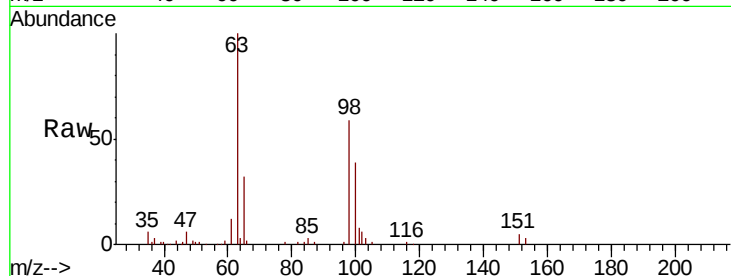
Tot Ion:101 Resp: 5166

Ion Ratio Lower Upper

101 100

85 34.4 34.0 51.0

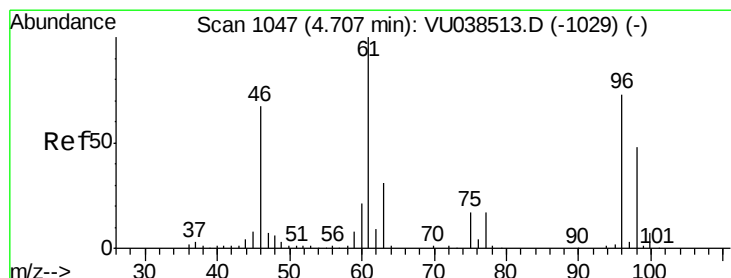
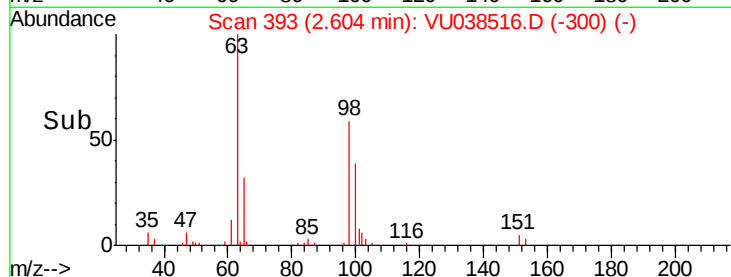
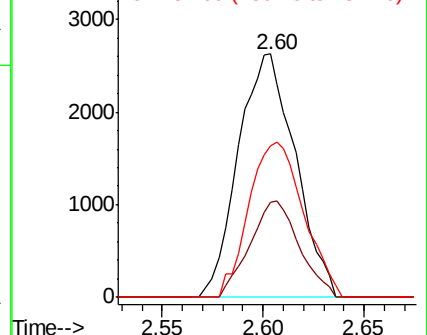
151 61.3 56.9 85.3



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: 0.870 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038516.D

Acq: 03 Jun 2020 16:17

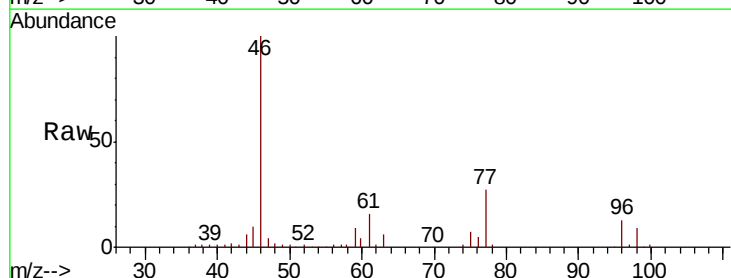
Tgt Ion: 96 Resp: 18022

Ion Ratio Lower Upper

96 100

61 130.3 94.0 174.6

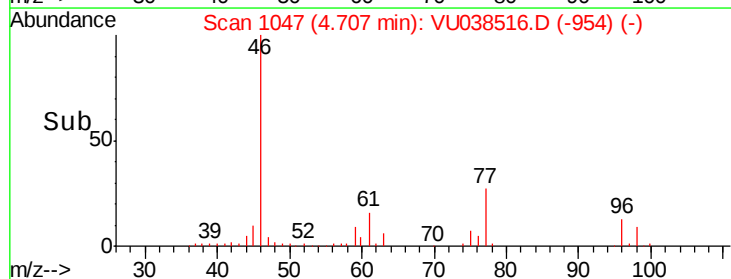
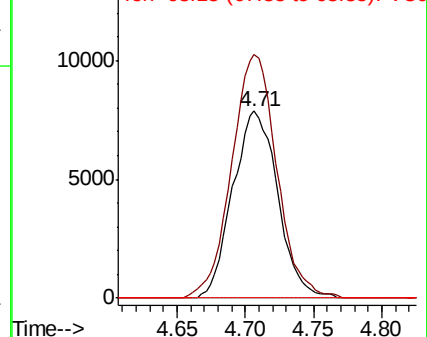
68 0.0 0.0 0.0

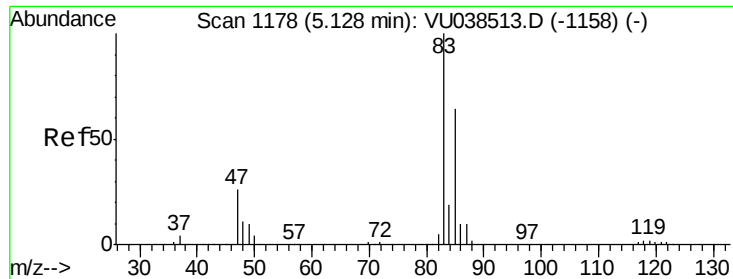


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

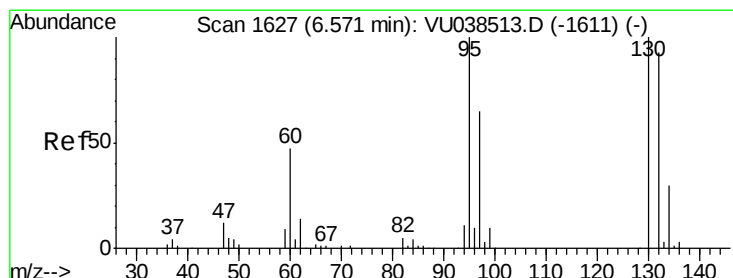
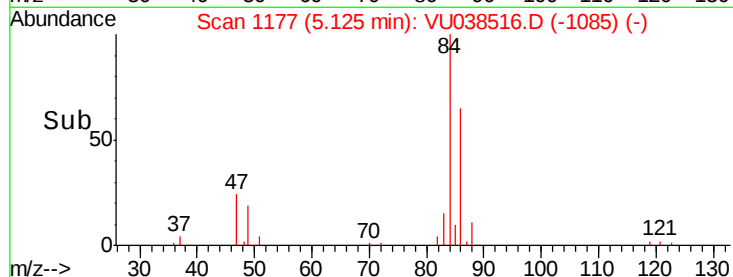
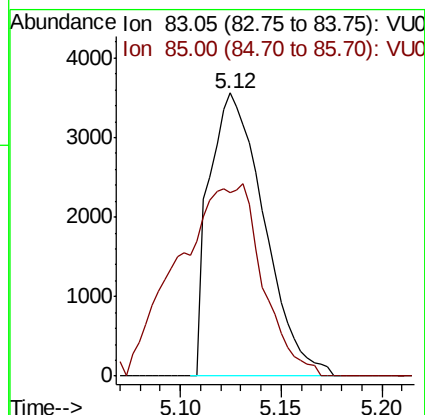
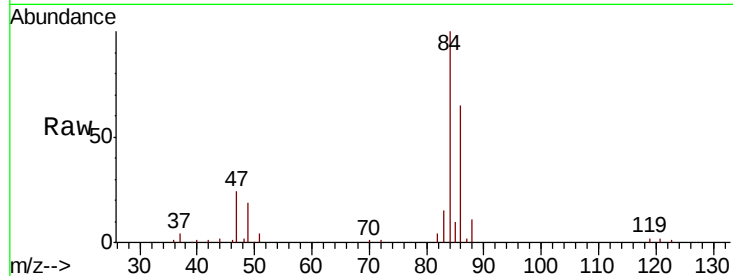




#25
Chloroform
Concen: 0.192 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038516.D
Acq: 03 Jun 2020 16:17

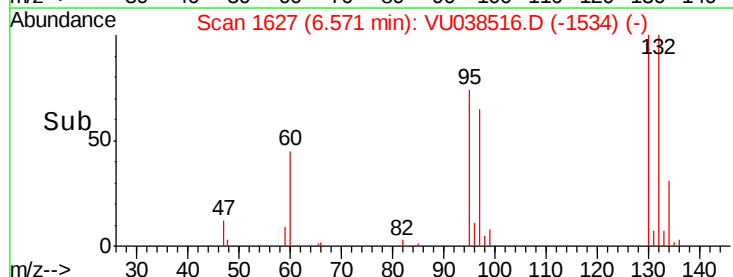
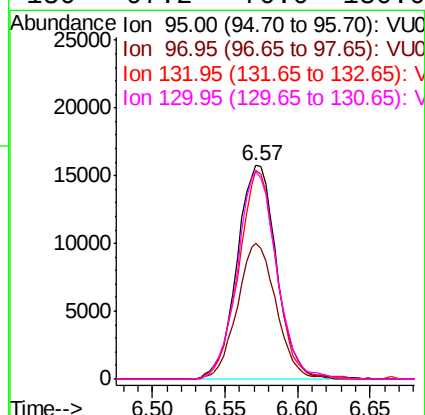
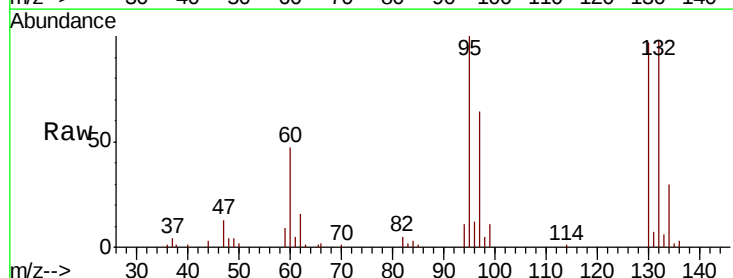
Instrument :
MSVOA_U
ClientSampleId :
BFXD4

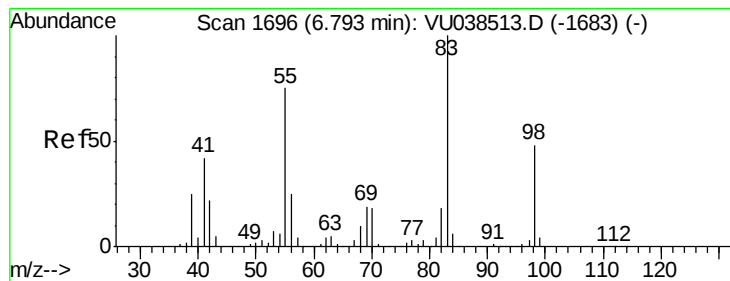
Tot Ion: 83 Resp: 6703
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.5



#34
Trichloroethene
Concen: 1.429 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038516.D
Acq: 03 Jun 2020 16:17

Tgt Ion: 95 Resp: 29837
Ion Ratio Lower Upper
95 100
97 63.6 46.8 87.0
132 97.5 66.1 122.7
130 97.2 70.0 130.0





#35

Methvlcvclohexane

Concen: 0.822 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038516.D

Acq: 03 Jun 2020 16:17

Instrument :

MSVOA_U

ClientSampleId :

BFXD4

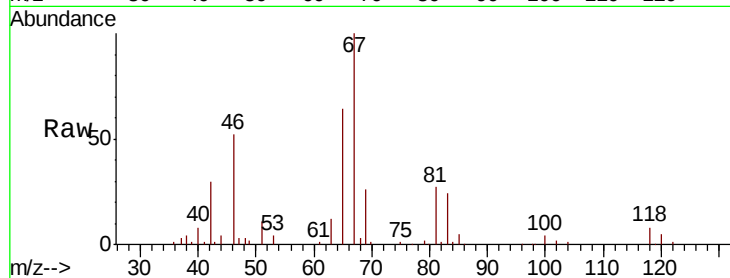
Tot Ion: 83 Resp: 26572

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

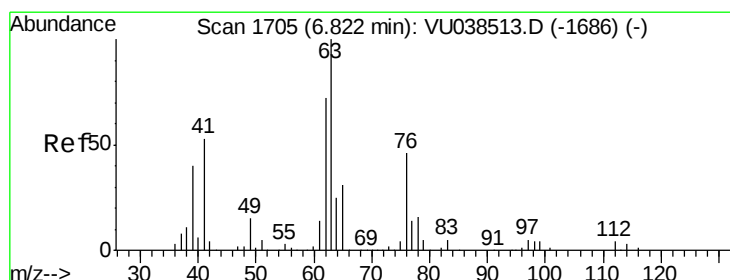
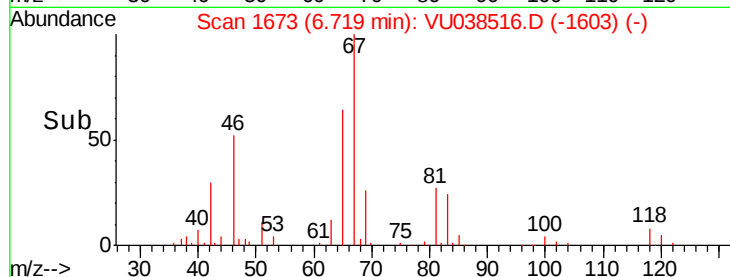
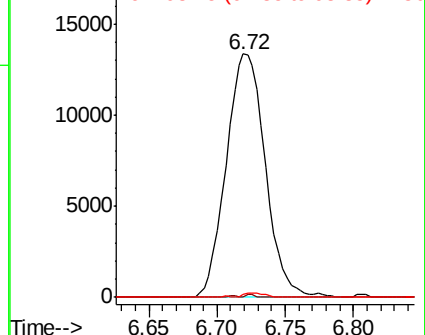
98 0.9 39.0 58.4#



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: 0.603 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038516.D

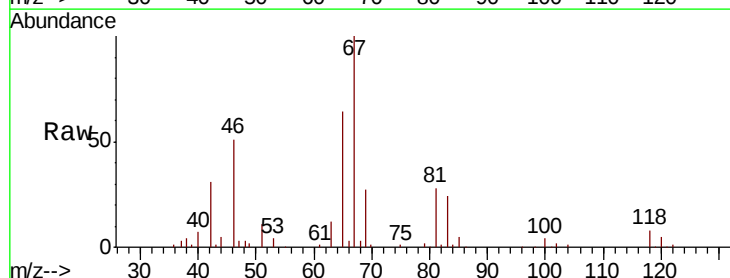
Acq: 03 Jun 2020 16:17

Tgt Ion: 63 Resp: 12209

Ion Ratio Lower Upper

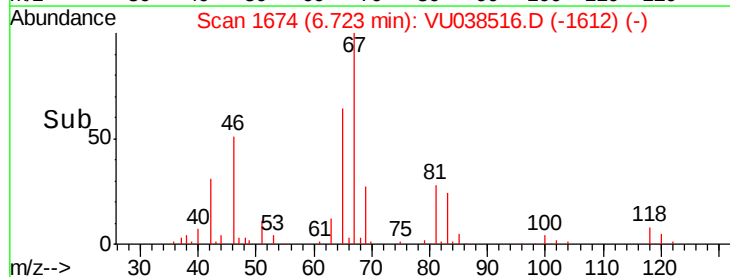
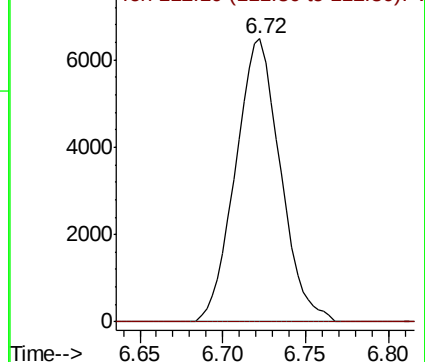
63 100

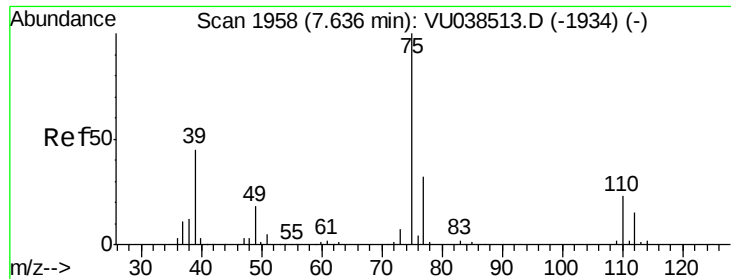
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

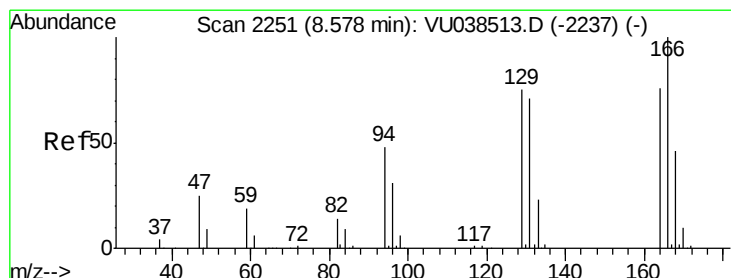
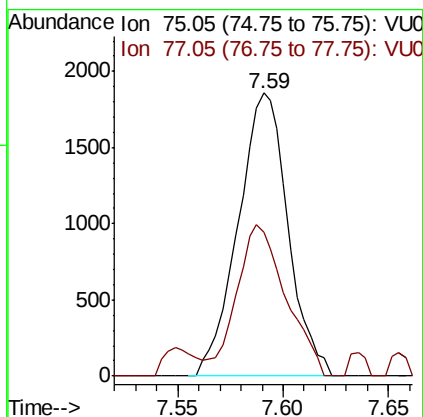
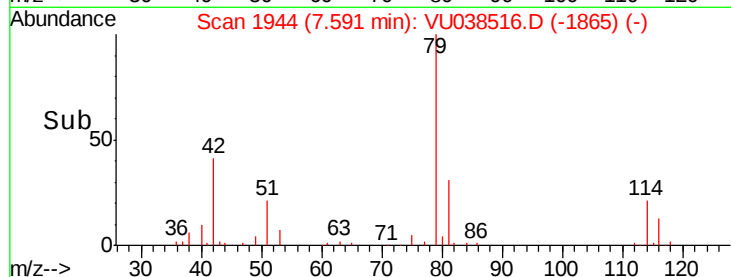
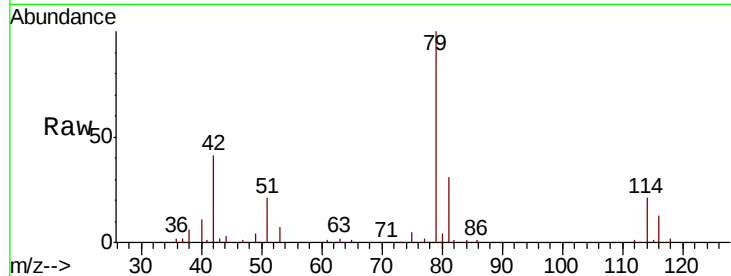




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038516.D
 Acq: 03 Jun 2020 16:17

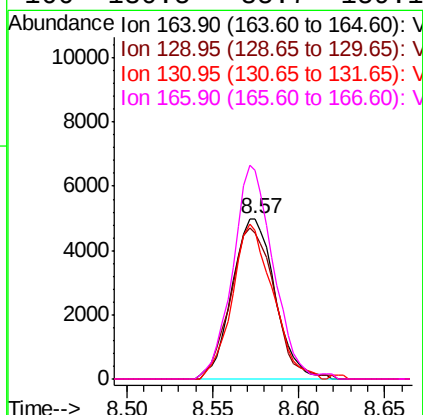
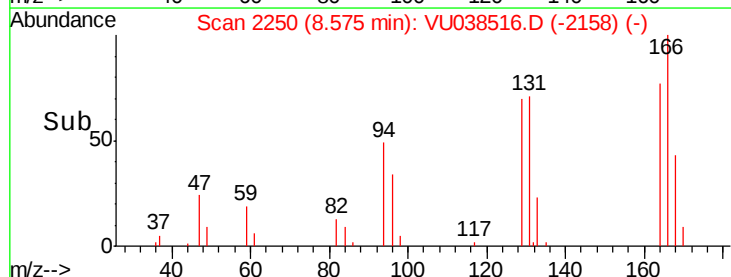
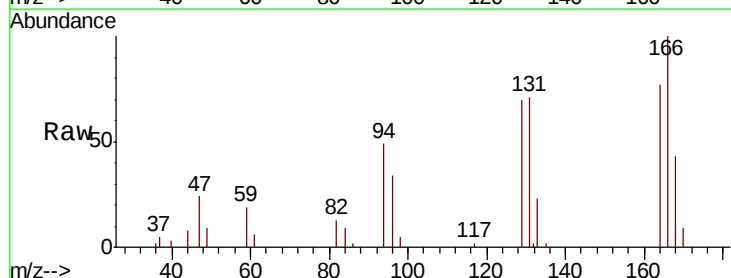
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 BFXD4

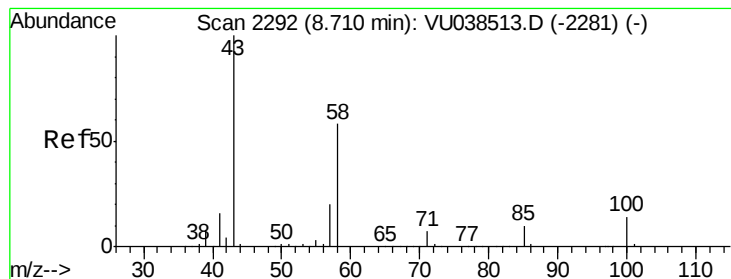
Tot Ion: 75 Resp: 3055
 Ion Ratio Lower Upper
 75 100
 77 50.6 21.9 40.7#



#47
 Tetrachloroethene
 Concen: 0.574 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038516.D
 Acq: 03 Jun 2020 16:17

Tgt Ion:164 Resp: 8712
 Ion Ratio Lower Upper
 164 100
 129 90.8 67.4 125.2
 131 92.4 64.1 119.1
 166 130.5 85.7 159.1





#48

2-Hexanone

Concen: 1.286 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU038516.D

Acq: 03 Jun 2020 16:17

Instrument :

MSVOA_U

ClientSampleId :

BFXD4

Tot Ion: 43 Resp: 14097

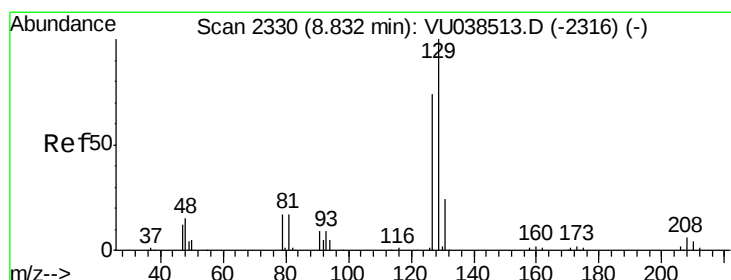
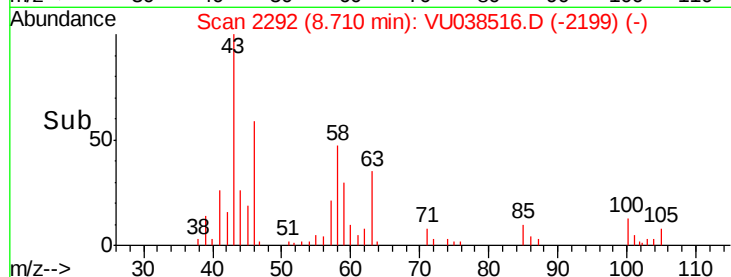
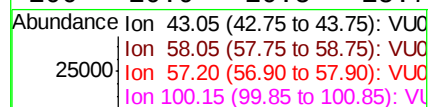
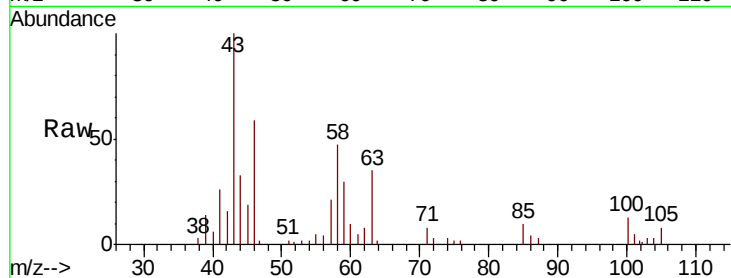
Ion Ratio Lower Upper

43 100

58 51.2 45.4 68.0

57 15.1 15.9 23.9#

100 10.9 10.5 15.7



#49

Dibromochloromethane

Concen: 0.509 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038516.D

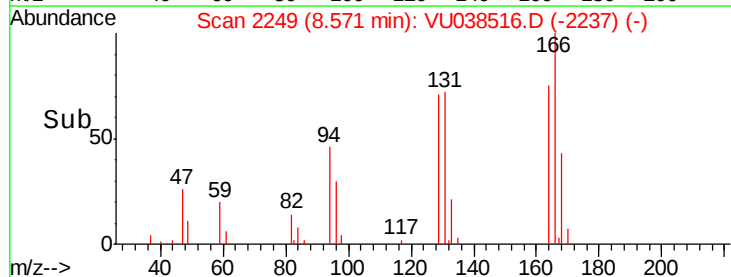
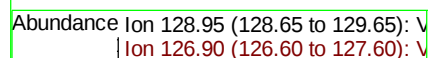
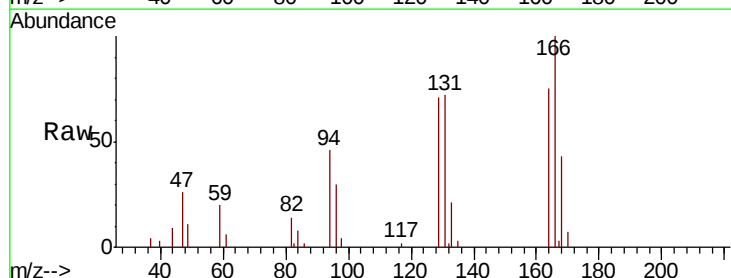
Acq: 03 Jun 2020 16:17

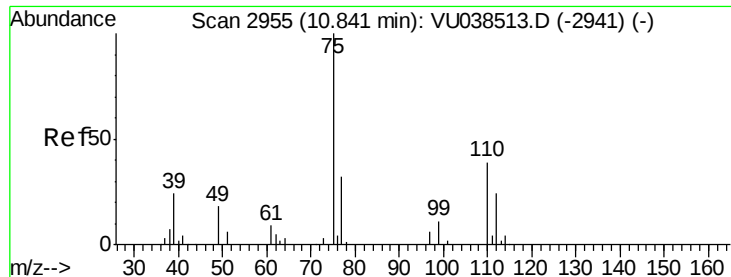
Tgt Ion: 129 Resp: 8396

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#





#59

1,2,3-Trichloropropane

Concen: 1.102 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038516.D

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Tot Ion: 75 Resp: 16648

Ion Ratio Lower Upper

75 100

77 40.9 25.4 38.2#

