

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038428.D
 Acq On : 30 May 2020 21:01
 Operator : JC/MD
 Sample : L2787-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX86

Quant Time: Jun 01 04:54:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317982	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99898	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.93	69	82717	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	145865	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.68	46	355152	56.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.62%
24) Chloroform-d	5.10	84	200080	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.74	65	117851	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.76	84	404041	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	124549	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.92	98	337725	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	50463	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.65	63	310044	61.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107353	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	140085	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

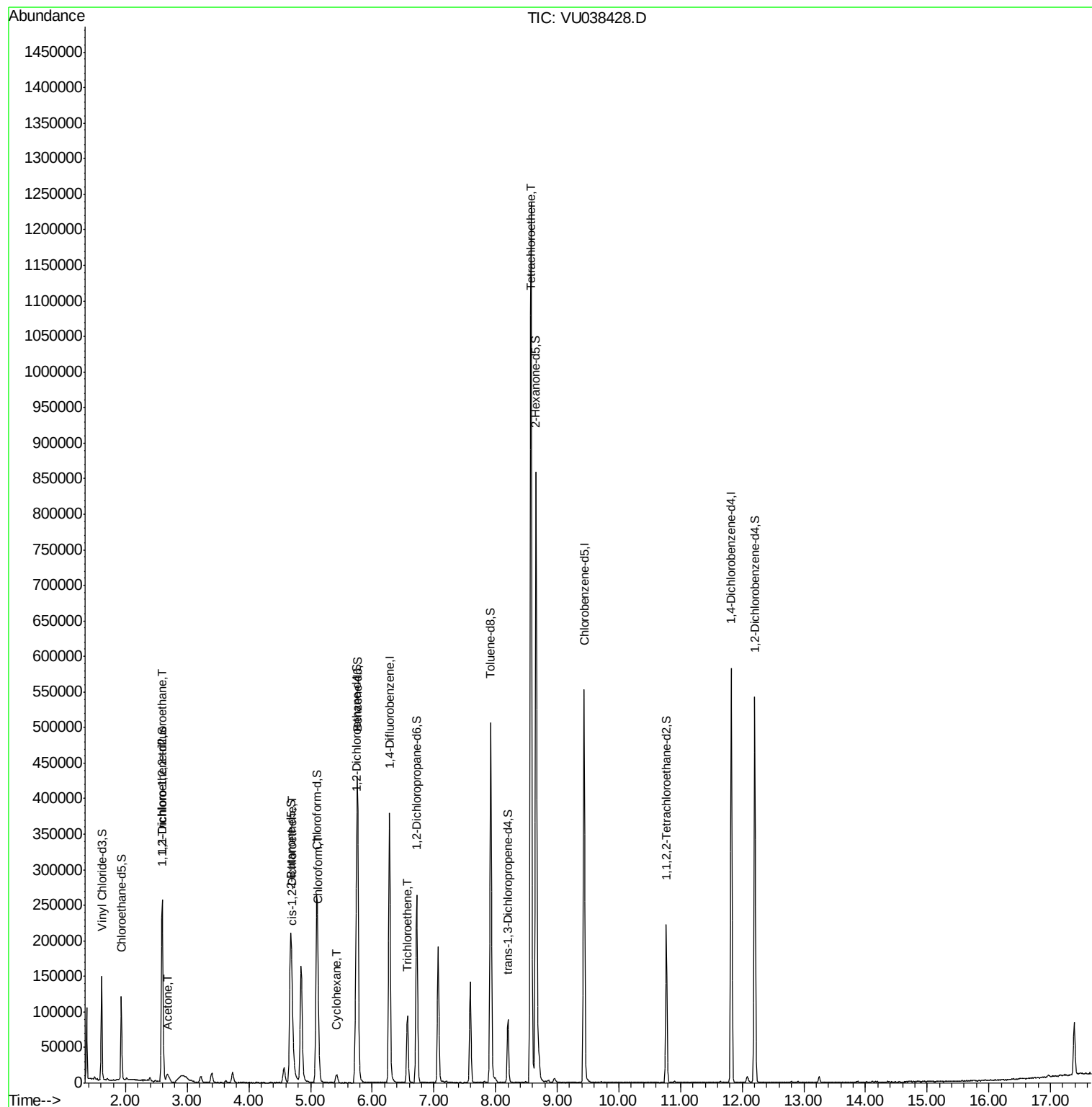
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	16019	0.831	ug/L	97
13) Acetone	2.68	43	22003	5.378	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	10910	0.480	ug/L	99
25) Chloroform	5.13	83	46554	1.213	ug/L	93
30) Cyclohexane	5.42	56	6025	0.174	ug/L	94
34) Trichloroethene	6.57	95	31377	1.393	ug/L	97
47) Tetrachloroethene	8.57	164	276344	16.882	ug/L	96

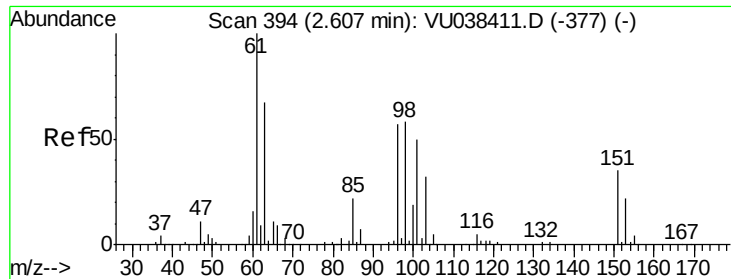
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.831 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038428.D

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MSVOA_U

ClientSampleId :

BFX86

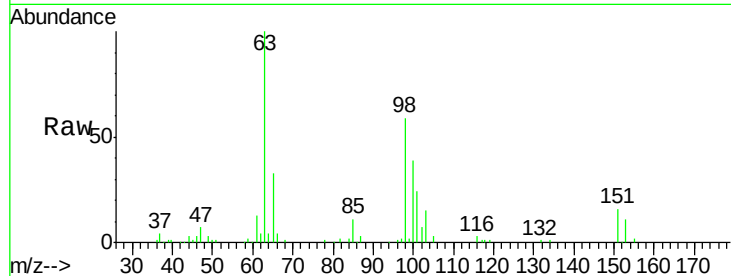
Tot Ion:101 Resp: 16019

Ion Ratio Lower Upper

101 100

85 39.6 34.0 51.0

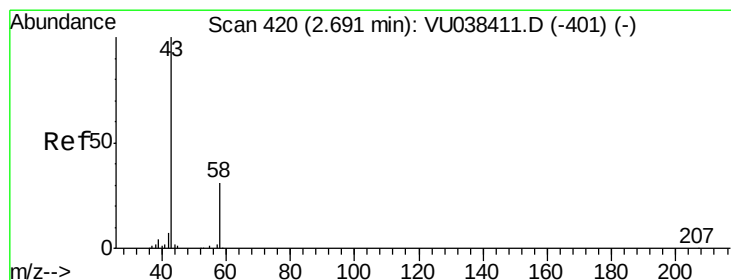
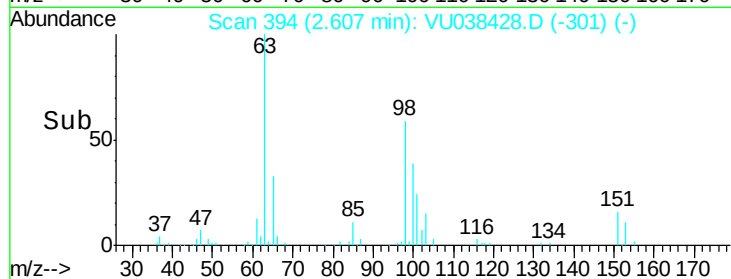
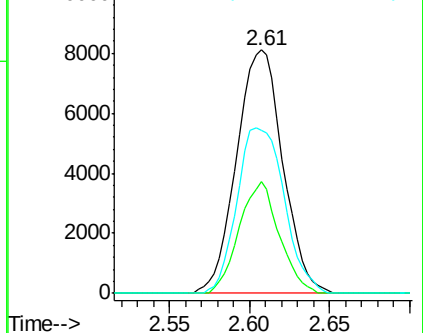
151 69.4 56.9 85.3



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: 5.378 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

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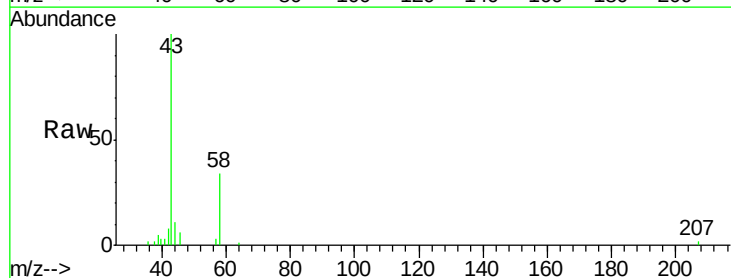
Acq: 30 May 2020 21:01

Tgt Ion: 43 Resp: 22003

Ion Ratio Lower Upper

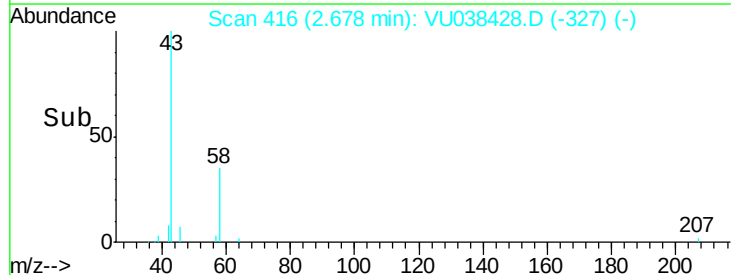
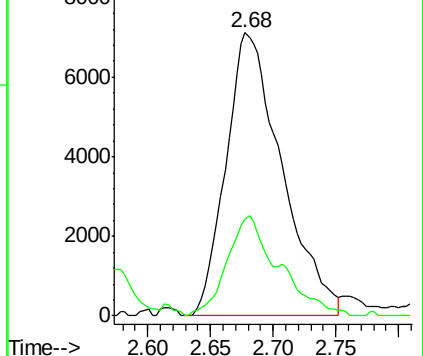
43 100

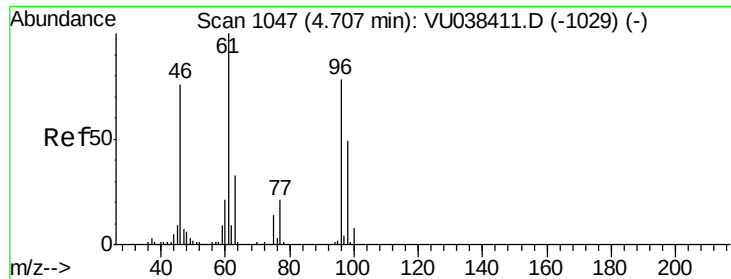
58 32.8 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

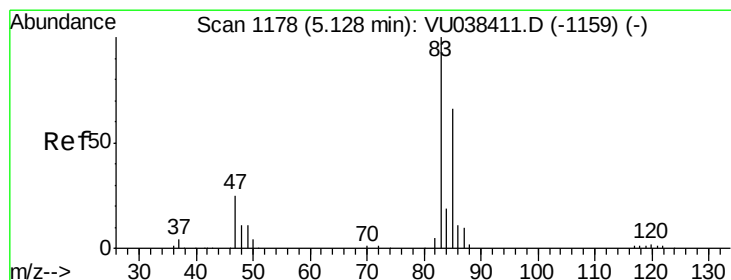
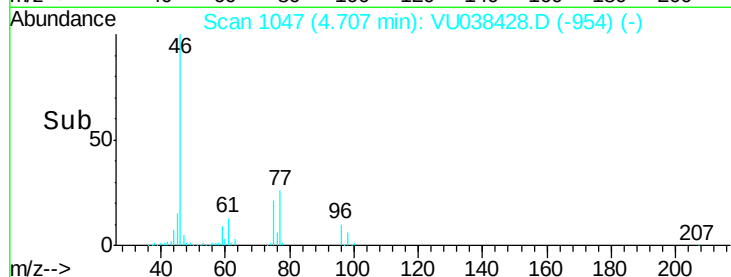
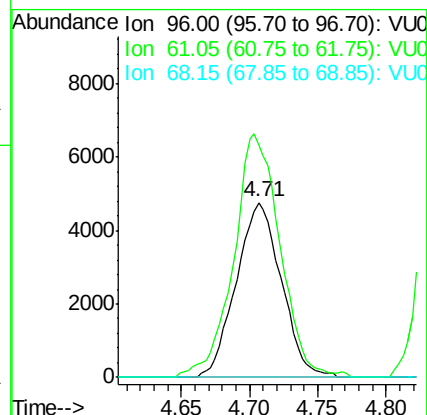
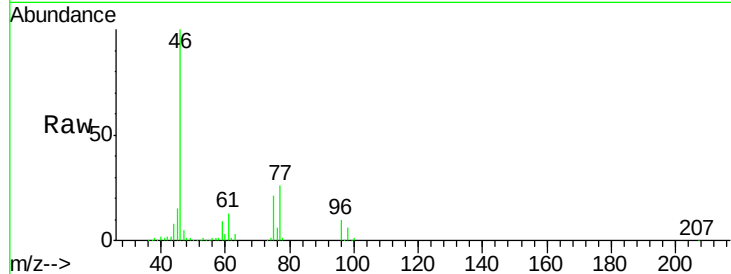




#22
 cis-1,2-Dichloroethene
 Concen: 0.480 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038428.D
 Acq: 30 May 2020 21:01

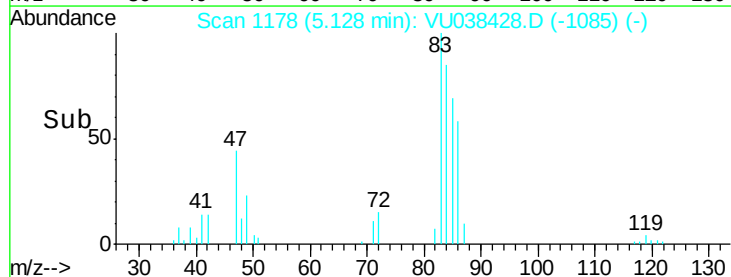
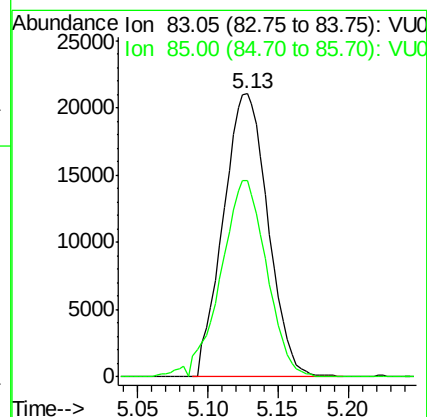
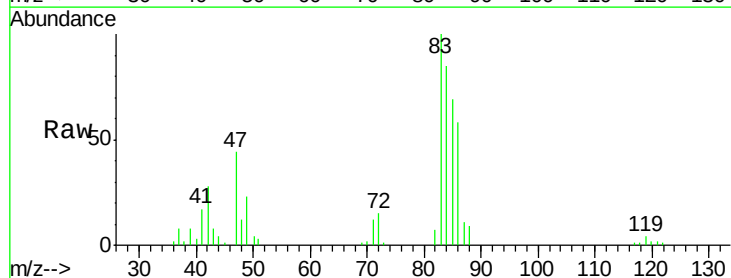
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 ClientSampled :
 BFX86

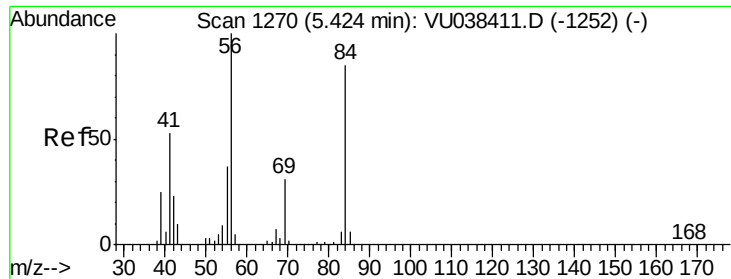
Tot Ion: 96 Resp: 10910
 Ion Ratio Lower Upper
 96 100
 61 133.3 94.0 174.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.213 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VU038428.D
 Acq: 30 May 2020 21:01

Tgt Ion: 83 Resp: 46554
 Ion Ratio Lower Upper
 83 100
 85 69.3 44.9 83.5

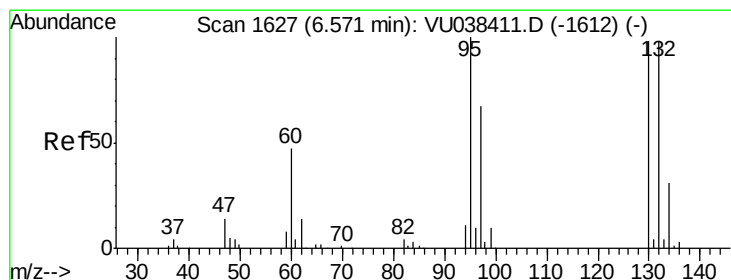
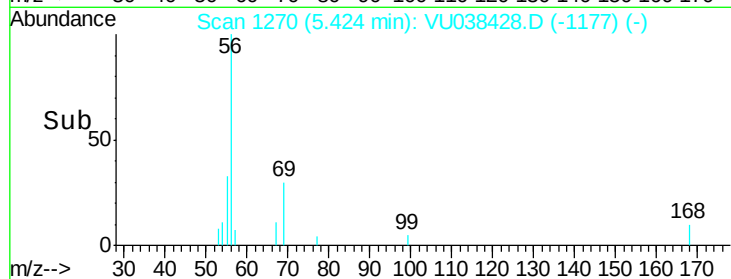
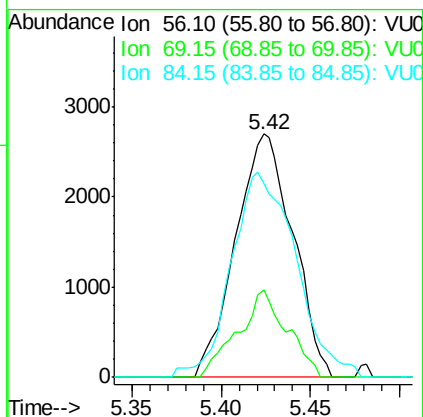
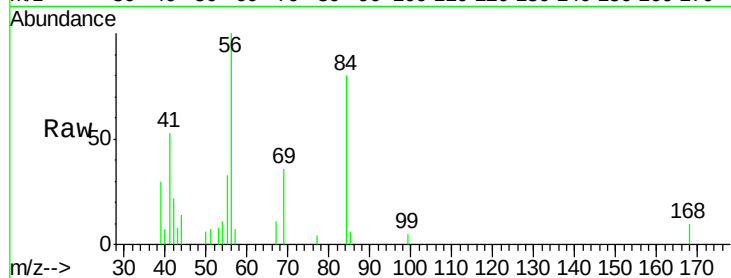




#30
Cyclohexane
Concen: 0.174 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038428.D
Acq: 30 May 2020 21:01

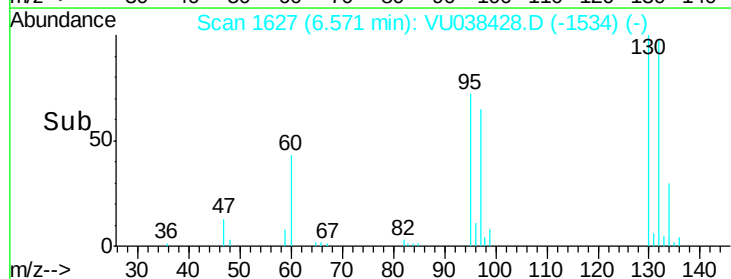
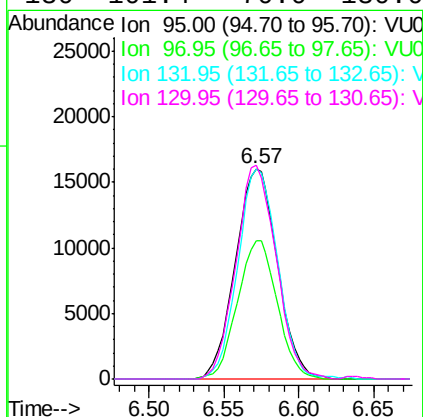
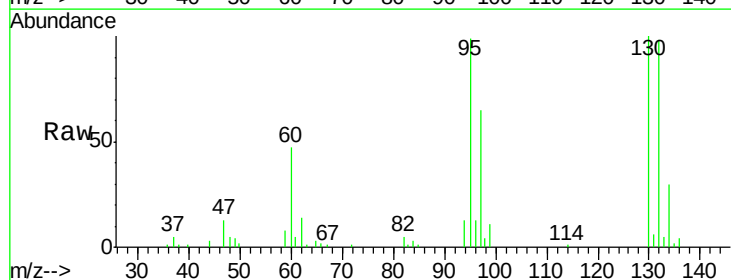
Instrument :
MSVOA_U
ClientSampleId :
BFX86

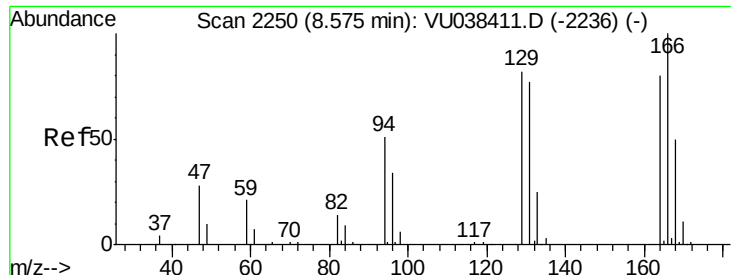
Tot Ion: 56 Resp: 6025
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.4
84 95.1 70.8 106.2



#34
Trichloroethene
Concen: 1.393 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038428.D
Acq: 30 May 2020 21:01

Tgt Ion: 95 Resp: 31377
Ion Ratio Lower Upper
95 100
97 65.9 46.8 87.0
132 99.9 66.1 122.7
130 101.4 70.0 130.0





#47

Tetrachloroethene

Concen: 16.882 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038428.D

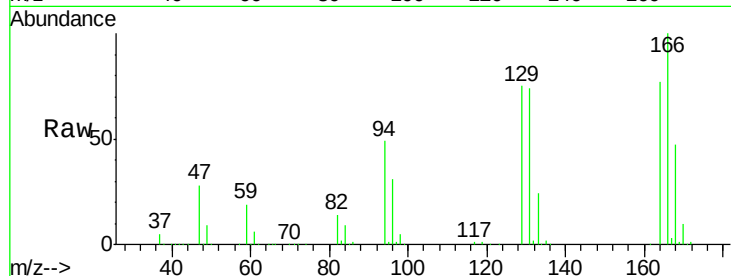
Acq: 30 May 2020 21:01

Instrument :

MSVOA_U

ClientSampleId :

BFX86



Tot Ion:164 Resp: 276344

Ion Ratio Lower Upper

164 100

129 97.4 67.4 125.2

131 96.1 64.1 119.1

166 129.4 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

