

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052820\
 Data File : VU038351.D
 Acq On : 28 May 2020 17:21
 Operator : JC/MD
 Sample : L2751-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 04:33:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	609976	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	592594	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	276593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	205174	53.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.16%
7) Chloroethane-d5	1.93	69	163480	55.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.52%
11) 1,1-Dichloroethene-d2	2.59	63	313243	40.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.04%
21) 2-Butanone-d5	4.66	46	393694	108.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.21%
24) Chloroform-d	5.10	84	391970	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
26) 1,2-Dichloroethane-d4	5.74	65	267341	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
32) Benzene-d6	5.76	84	822374	53.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.82%
36) 1,2-Dichloropropane-d6	6.72	67	253138	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.06%
41) Toluene-d8	7.92	98	719922	52.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.78%
43) trans-1,3-Dichloropropene-	8.20	79	122936	51.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.48%
47) 2-Hexanone-d5	8.65	63	289171	115.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.07%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	355352	50.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.62%
64) 1,2-Dichlorobenzene-d4	12.20	152	282449	55.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.18%

Target Compounds

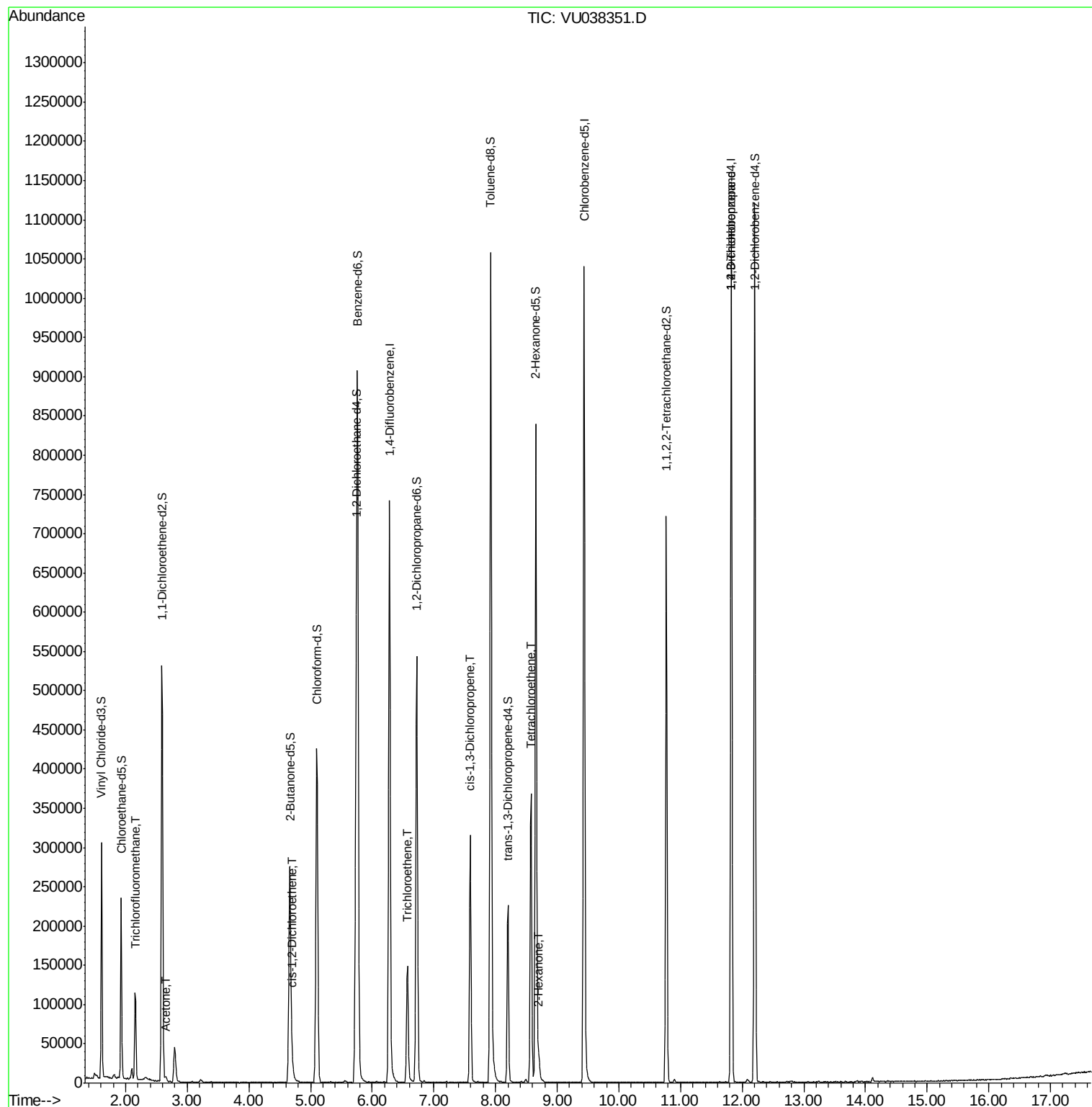
					Ovalue
9) Trichlorofluoromethane	2.16	101	70410	11.239	ug/L 100
13) Acetone	2.65	43	6420	2.124	ug/L 89
20) cis-1,2-Dichloroethene	4.70	96	6125	1.407	ug/L 97
34) Trichloroethene	6.57	95	46521	10.925	ug/L 98
39) cis-1,3-Dichloropropene	7.59	75	7539	1.098	ug/L # 60
46) Tetrachloroethene	8.57	164	82077	26.365	ug/L 99
48) 2-Hexanone	8.71	43	16560	2.857	ug/L # 87
59) 1,2,3-Trichloropropane	11.82	75	36376	6.026	ug/L 91

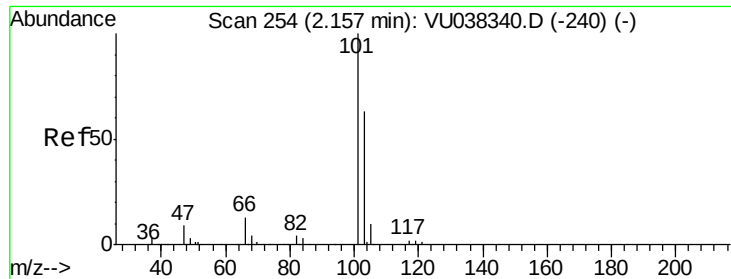
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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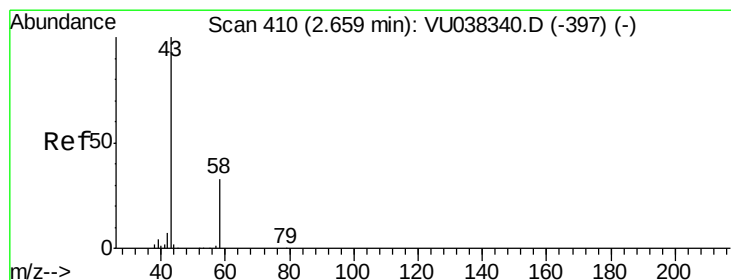
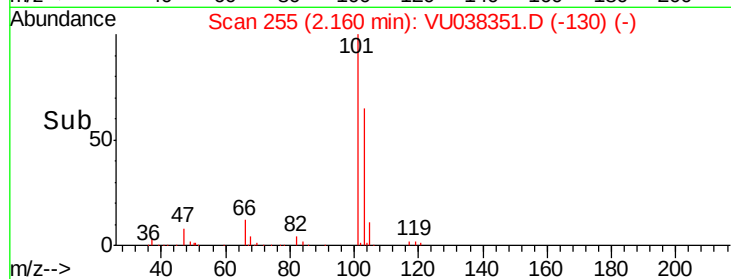
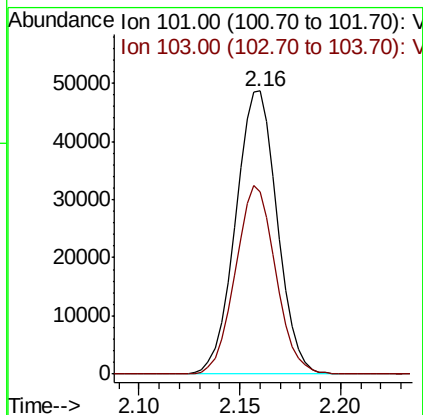
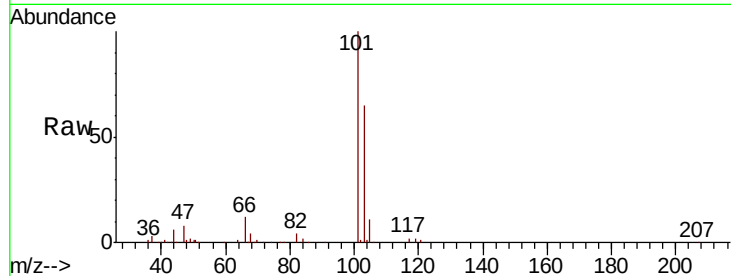


#9

Trichlorofluoromethane
 Concen: 11.239 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU038351.D
 Acq: 28 May 2020 17:21

Instrument :
 MSVOA_U
 ClientSampleId :

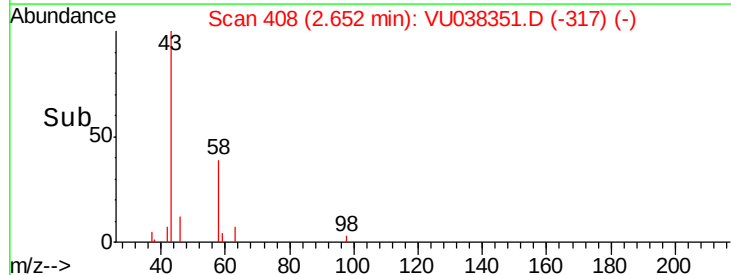
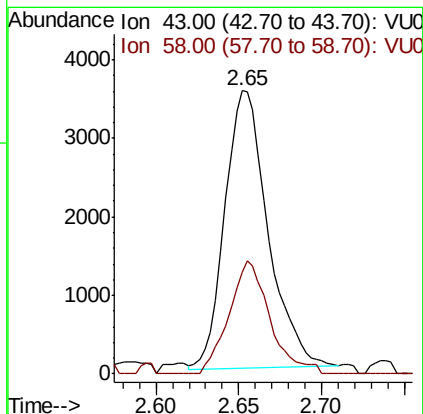
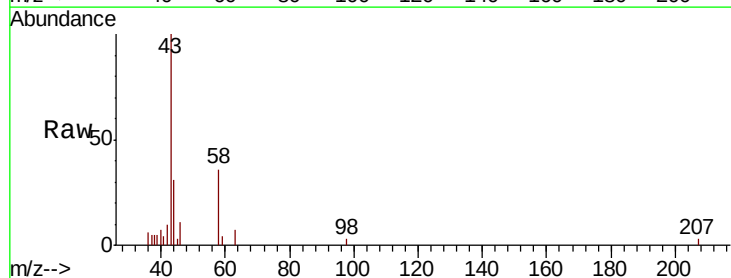
Tot Ion:101 Resp: 70410
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0

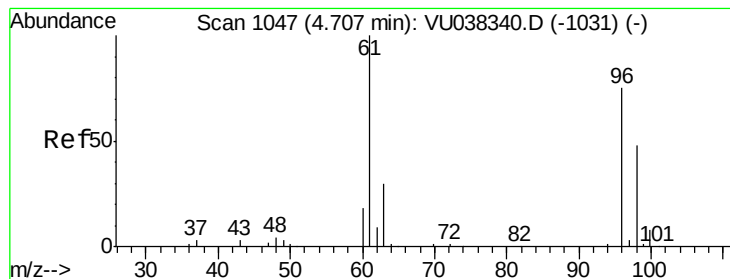


#13

Acetone
 Concen: 2.124 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VU038351.D
 Acq: 28 May 2020 17:21

Tgt Ion: 43 Resp: 6420
 Ion Ratio Lower Upper
 43 100
 58 37.7 0.0 63.4





#20

cis-1,2-Dichloroethene

Concen: 1.407 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038351.D

Acq: 28 May 2020 17:21

Instrument :

MSVOA_U

ClientSampled :

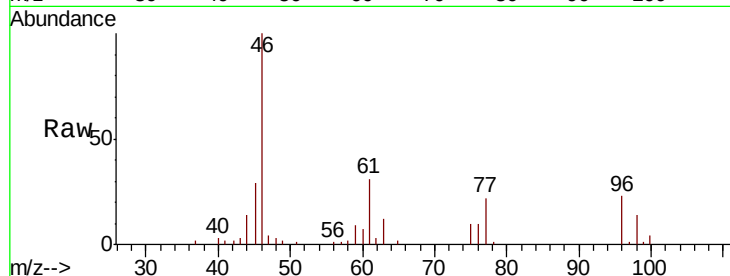
Tot Ion: 96 Resp: 6125

Ion Ratio Lower Upper

96 100

61 137.3 93.4 173.4

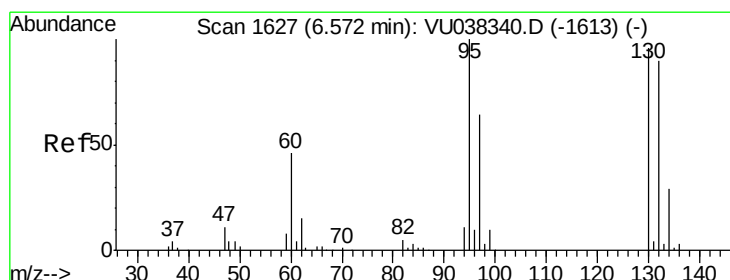
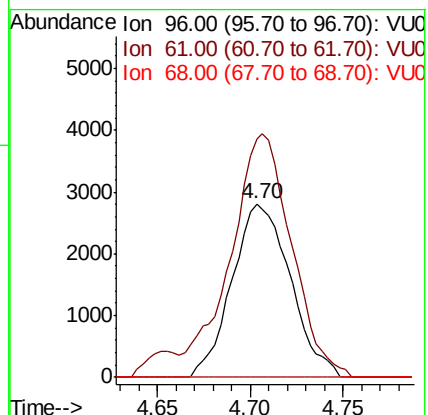
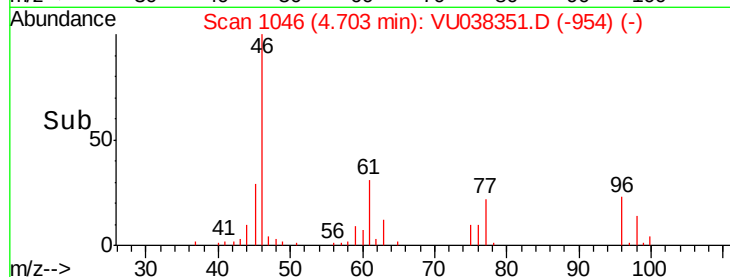
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 10.925 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038351.D

Acq: 28 May 2020 17:21

Tgt Ion: 95 Resp: 46521

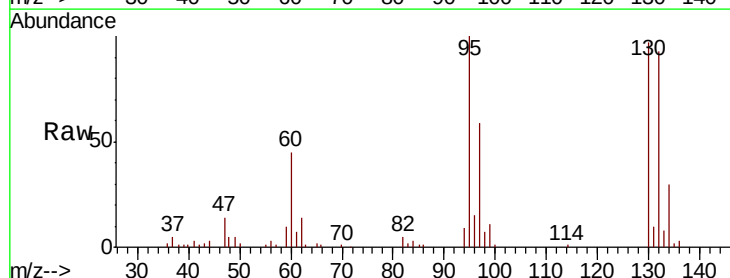
Ion Ratio Lower Upper

95 100

97 58.6 44.3 82.3

132 93.5 64.7 120.1

130 96.6 68.5 127.1

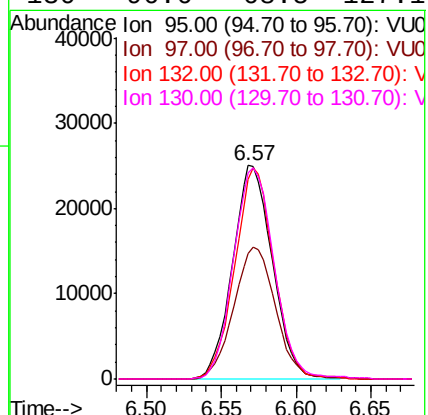
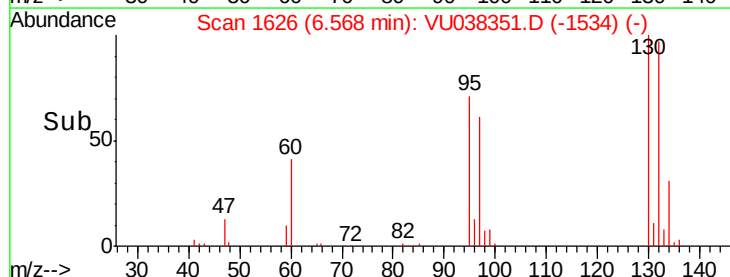


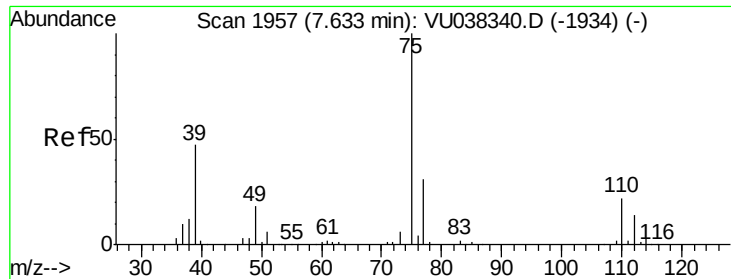
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

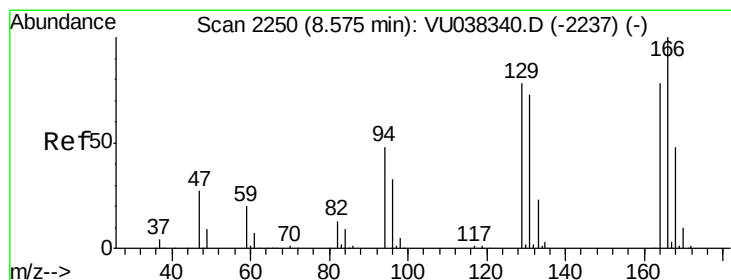
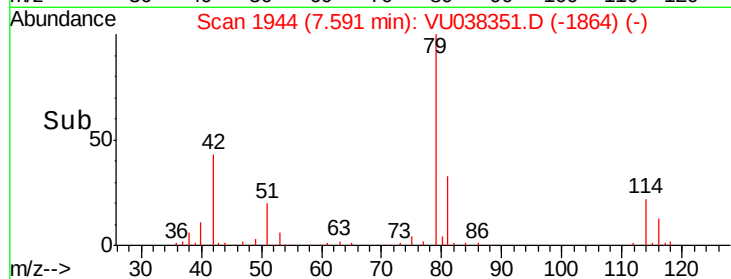
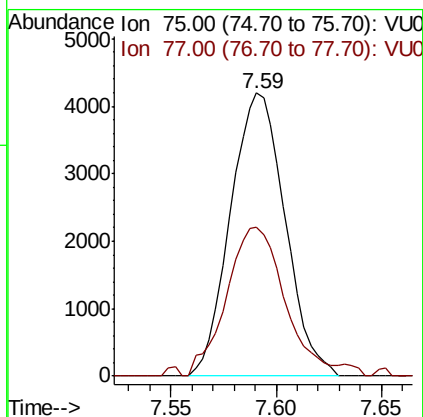
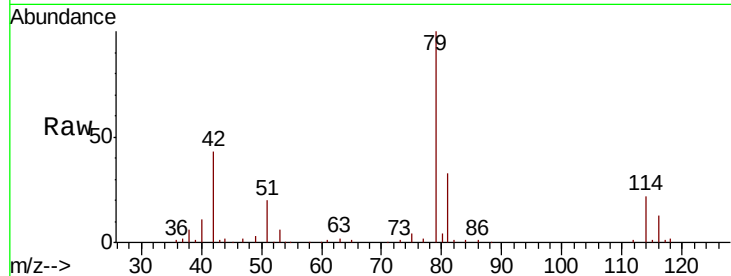




#39
 cis-1,3-Dichloropropene
 Concen: 1.098 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038351.D
 Acq: 28 May 2020 17:21

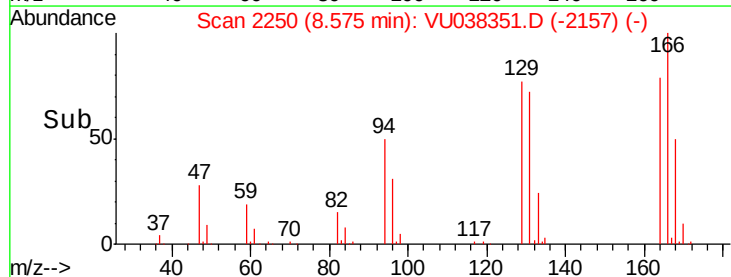
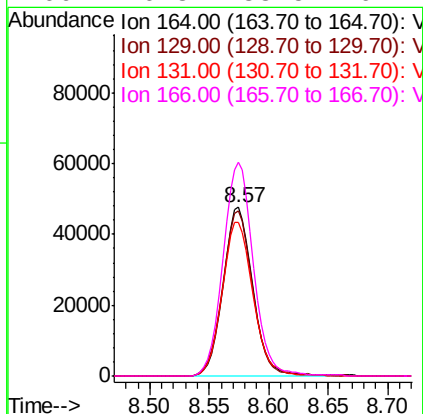
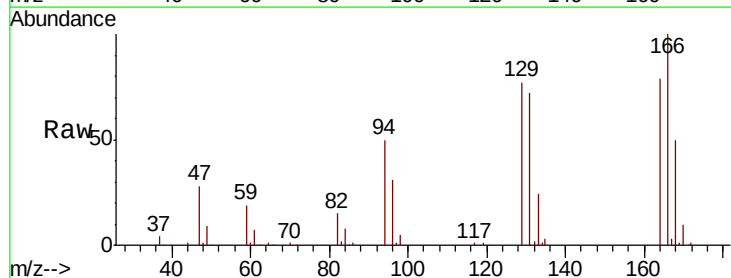
Instrument :
 MSVOA_U
 ClientSampled :

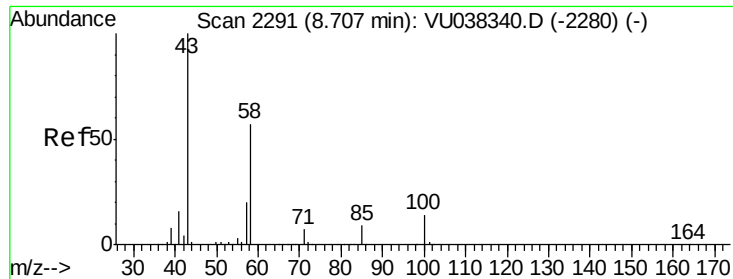
Tot Ion: 75 Resp: 7539
 Ion Ratio Lower Upper
 75 100
 77 52.6 21.6 40.0#



#46
 Tetrachloroethene
 Concen: 26.365 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038351.D
 Acq: 28 May 2020 17:21

Tgt Ion:164 Resp: 82077
 Ion Ratio Lower Upper
 164 100
 129 98.3 67.2 124.8
 131 91.5 63.4 117.8
 166 126.8 88.5 164.4

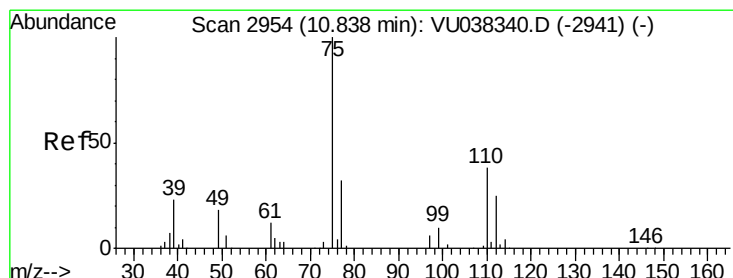
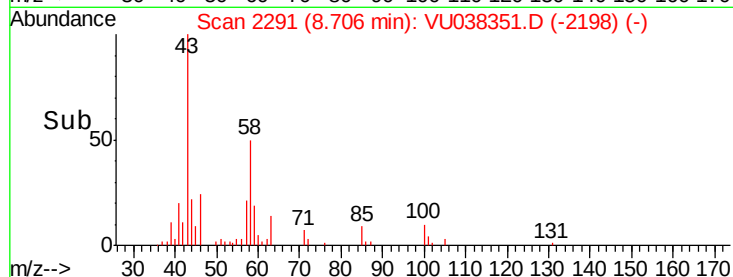
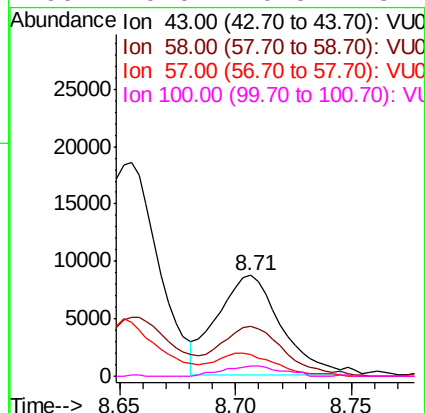
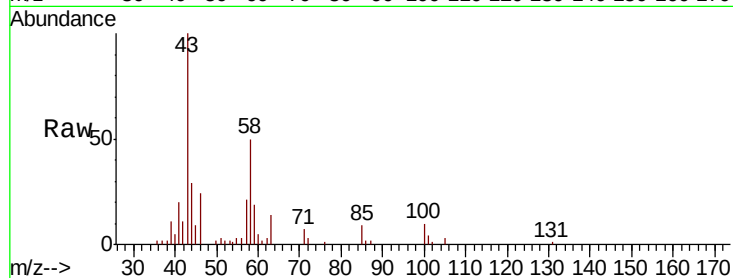




#48
 2-Hexanone
 Concen: 2.857 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038351.D
 Acq: 28 May 2020 17:21

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 16560
 Ion Ratio Lower Upper
 43 100
 58 44.8 45.5 68.3#
 57 22.5 16.3 24.5
 100 9.0 10.5 15.7#



#59
 1,2,3-Trichloropropane
 Concen: 6.026 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038351.D
 Acq: 28 May 2020 17:21

Tgt Ion: 75 Resp: 36376
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.8

