

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052820\
 Data File : VU038350.D
 Acq On : 28 May 2020 16:59
 Operator : JC/MD
 Sample : L2751-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0Y30

Quant Time: May 29 04:33:51 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	585574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	576520	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	269428	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	206909	56.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.58%
7) Chloroethane-d5	1.93	69	162467	57.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.42%
11) 1,1-Dichloroethene-d2	2.59	63	308904	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.22%
21) 2-Butanone-d5	4.66	46	396804	113.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.61%
24) Chloroform-d	5.10	84	385360	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.76%
26) 1,2-Dichloroethane-d4	5.74	65	262647	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.18%
32) Benzene-d6	5.76	84	820300	54.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.52%
36) 1,2-Dichloropropane-d6	6.72	67	248447	53.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.00%
41) Toluene-d8	7.92	98	711041	53.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	8.20	79	120933	52.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.62%
47) 2-Hexanone-d5	8.66	63	292054	119.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	352448	51.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.58%
64) 1,2-Dichlorobenzene-d4	12.20	152	276206	55.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.62%

Target Compounds

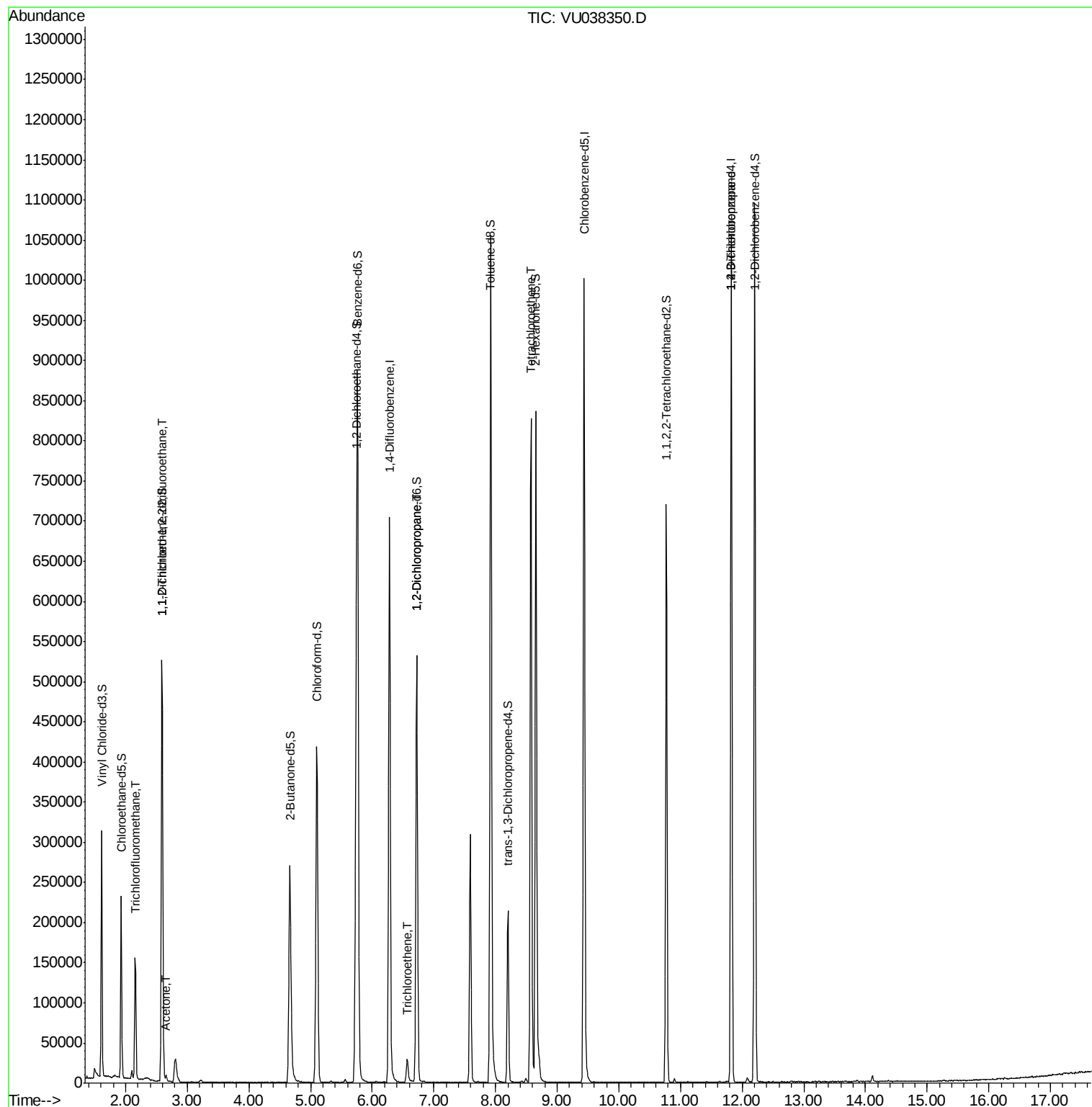
					Ovalue
9) Trichlorofluoromethane	2.16	101	96206	15.996 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2683	0.746 ug/L #	20
13) Acetone	2.66	43	8465	2.917 ug/L	97
34) Trichloroethene	6.57	95	6647	1.604 ug/L	94
37) 1,2-Dichloropropane	6.72	63	27625	6.578 ug/L #	86
46) Tetrachloroethene	8.57	164	186965	61.731 ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	35457	6.038 ug/L	93

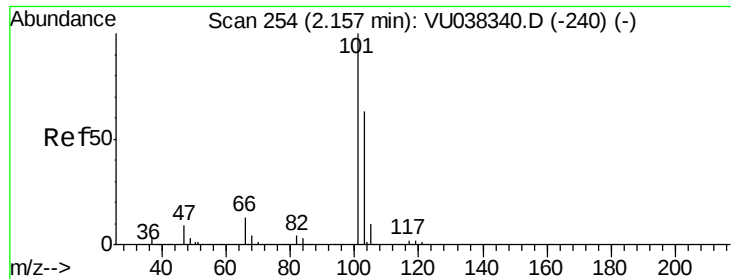
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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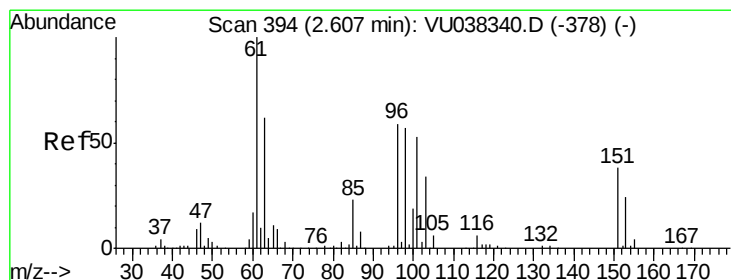
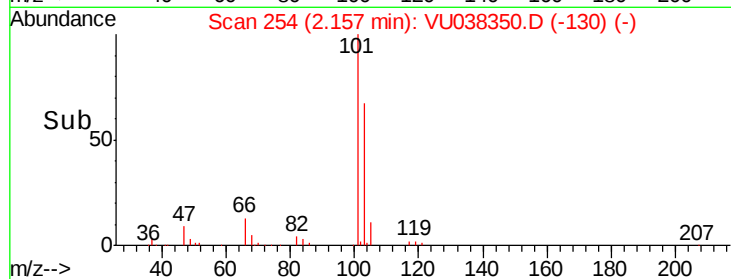
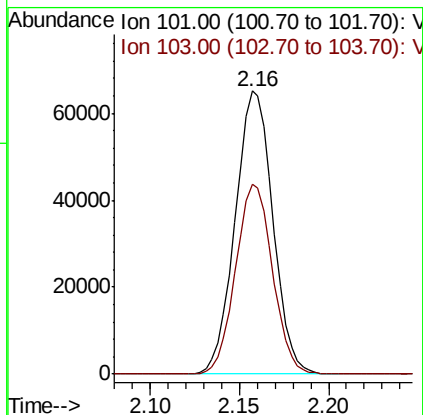
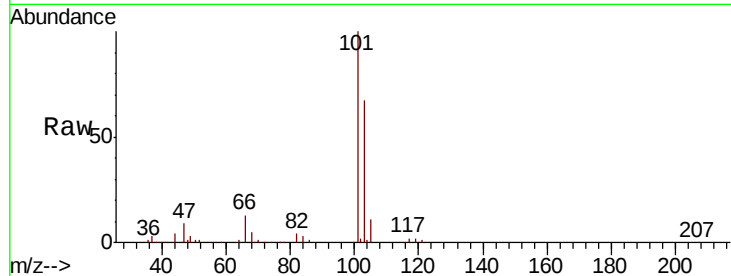


#9

Trichlorofluoromethane
 Concen: 15.996 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VU038350.D
 Acq: 28 May 2020 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0Y30

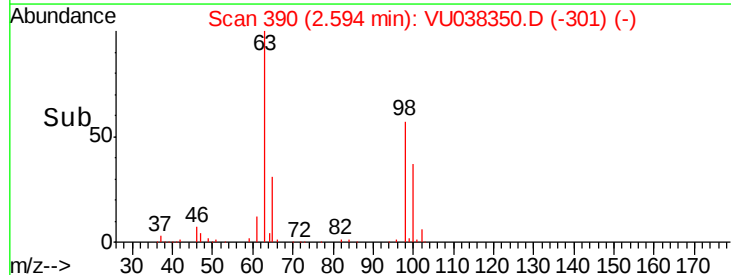
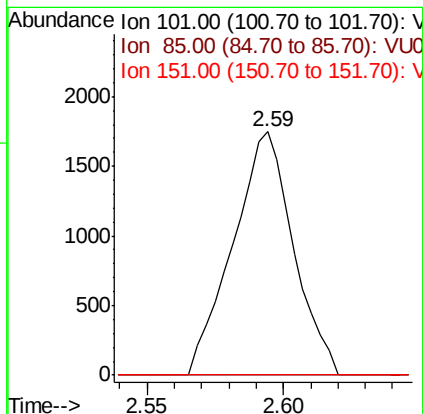
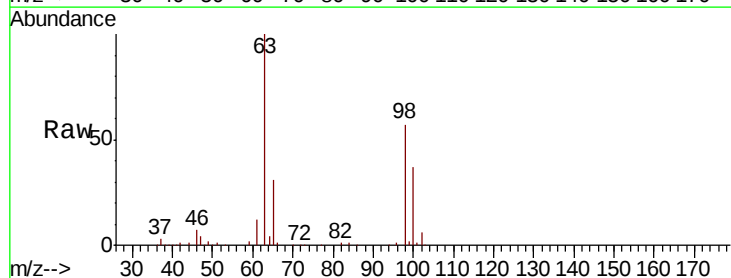
Tot Ion:101 Resp: 96206
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0

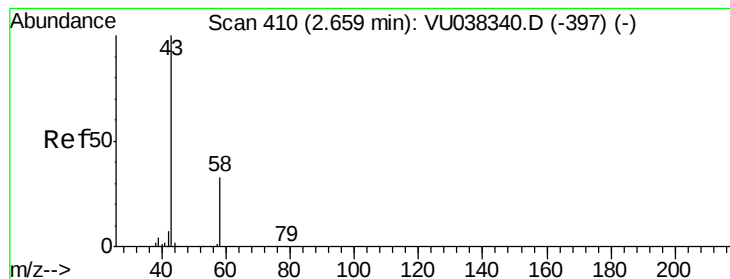


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.746 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU038350.D
 Acq: 28 May 2020 16:59

Tgt Ion:101 Resp: 2683
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.5 53.3#
 151 0.0 58.4 87.6#





#13

Acetone

Concen: 2.917 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU038350.D

Acq: 28 May 2020 16:59

Instrument :

MSVOA_U

ClientSampleId :

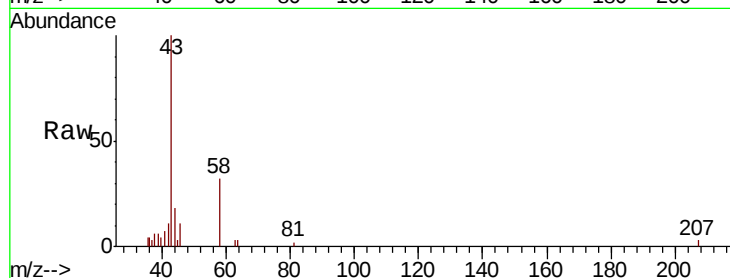
C0Y30

Tot Ion: 43 Resp: 8465

Ion Ratio Lower Upper

43 100

58 30.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VU038340.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU038340.D (-397) (-)

2.66

5000

4000

3000

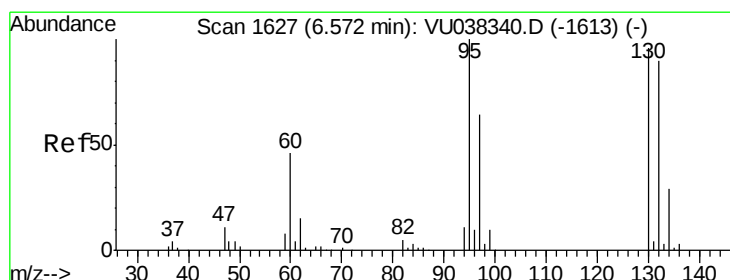
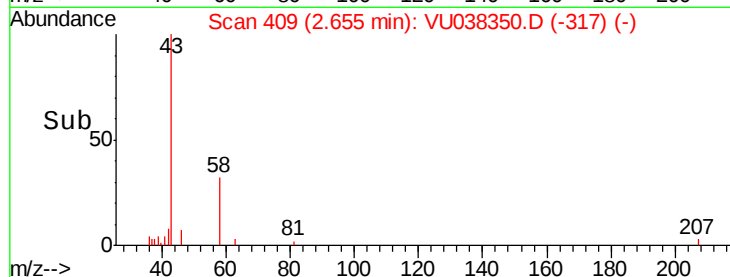
2000

1000

0

Time-->

2.60 2.65 2.70



#34

Trichloroethene

Concen: 1.604 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038350.D

Acq: 28 May 2020 16:59

Tgt Ion: 95 Resp: 6647

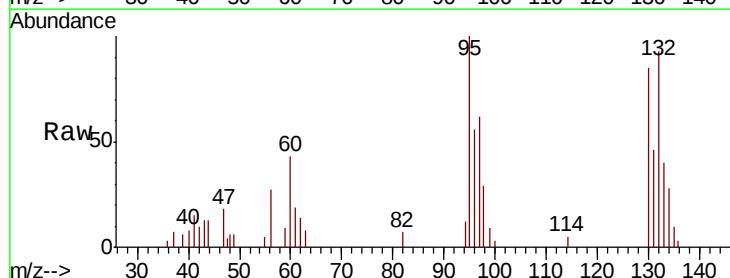
Ion Ratio Lower Upper

95 100

97 61.5 44.3 82.3

132 92.8 64.7 120.1

130 85.1 68.5 127.1



Abundance Ion 95.00 (94.70 to 95.70): VU038340.D (-1613) (-)

Ion 97.00 (96.70 to 97.70): VU038340.D (-1613) (-)

Ion 132.00 (131.70 to 132.70): VU038340.D (-1613) (-)

Ion 130.00 (129.70 to 130.70): VU038340.D (-1613) (-)

6.57

5000

4000

3000

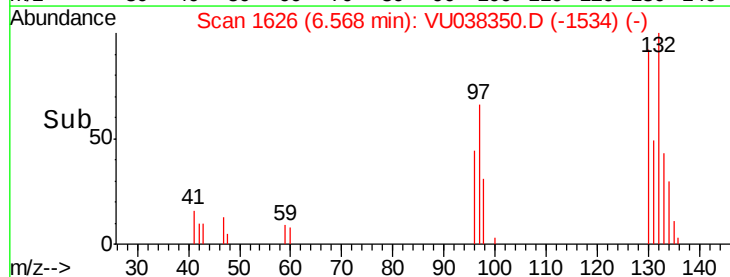
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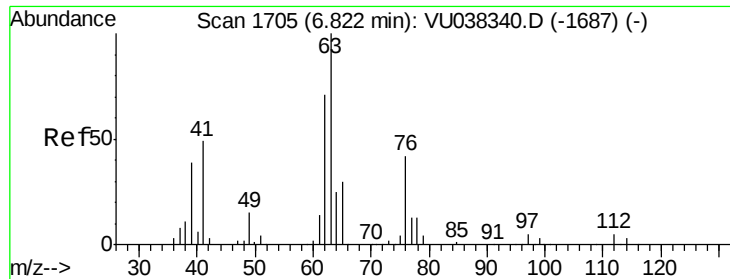
1000

0

Time-->

6.50 6.55 6.60

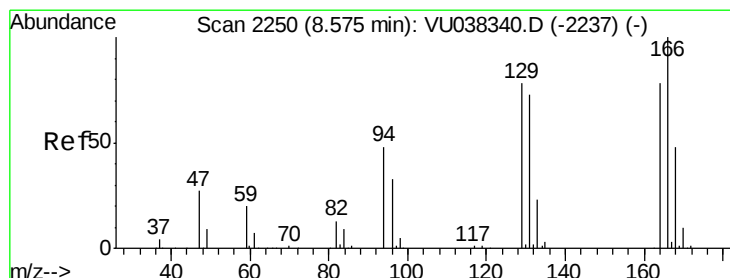
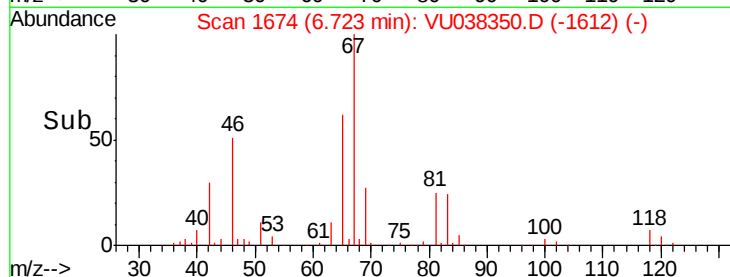
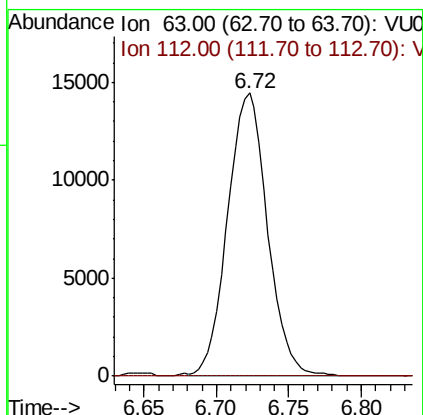
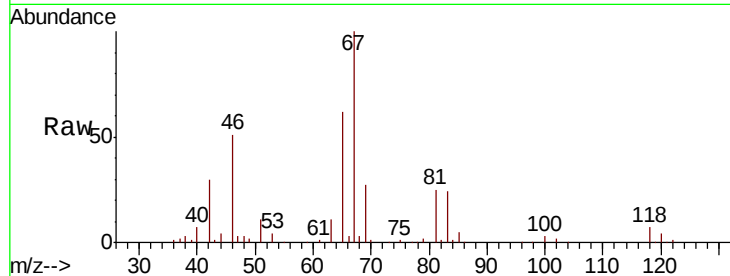




#37
 1,2-Dichloropropane
 Concen: 6.578 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038350.D
 Acq: 28 May 2020 16:59

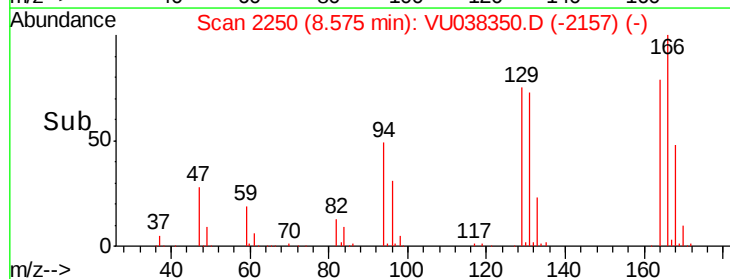
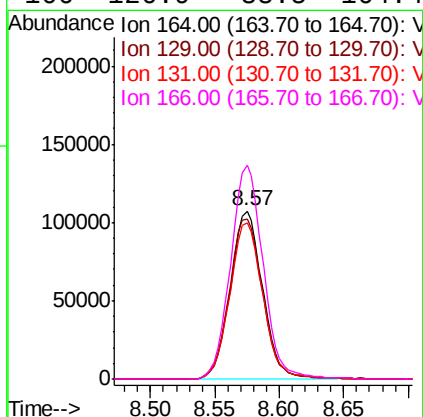
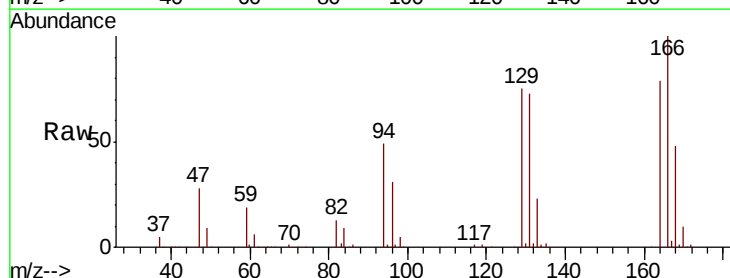
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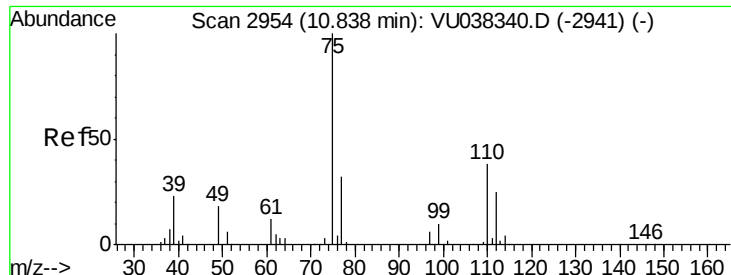
Tot Ion: 63 Resp: 27625
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#46
 Tetrachloroethene
 Concen: 61.731 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038350.D
 Acq: 28 May 2020 16:59

Tgt Ion:164 Resp: 186965
 Ion Ratio Lower Upper
 164 100
 129 95.0 67.2 124.8
 131 93.1 63.4 117.8
 166 126.9 88.5 164.4





#59

1,2,3-Trichloropropane

Concen: 6.038 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038350.D

Acq: 28 May 2020 16:59

Instrument :

MSVOA_U

ClientSampleId :

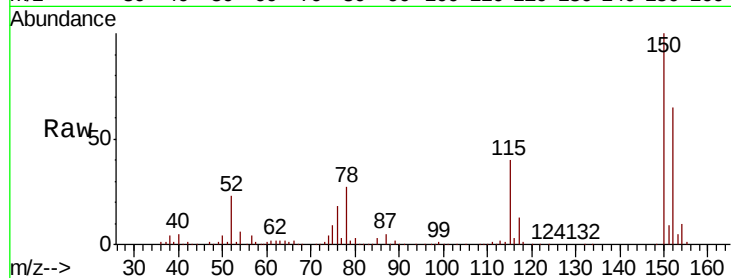
C0Y30

Tot Ion: 75 Resp: 35457

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

