

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038049.D
 Acq On : 07 May 2020 19:18
 Operator : JC/MD
 Sample : L2527-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ9

Quant Time: May 08 03:52:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	364513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	167246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	150642	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	125837	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	181235	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	306984	37.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.64%
24) Chloroform-d	5.10	84	198379	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.74	65	126424	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.76	84	493891	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.72	67	156371	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.92	98	441103	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	56984	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.65	63	283580	42.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114541	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	149818	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

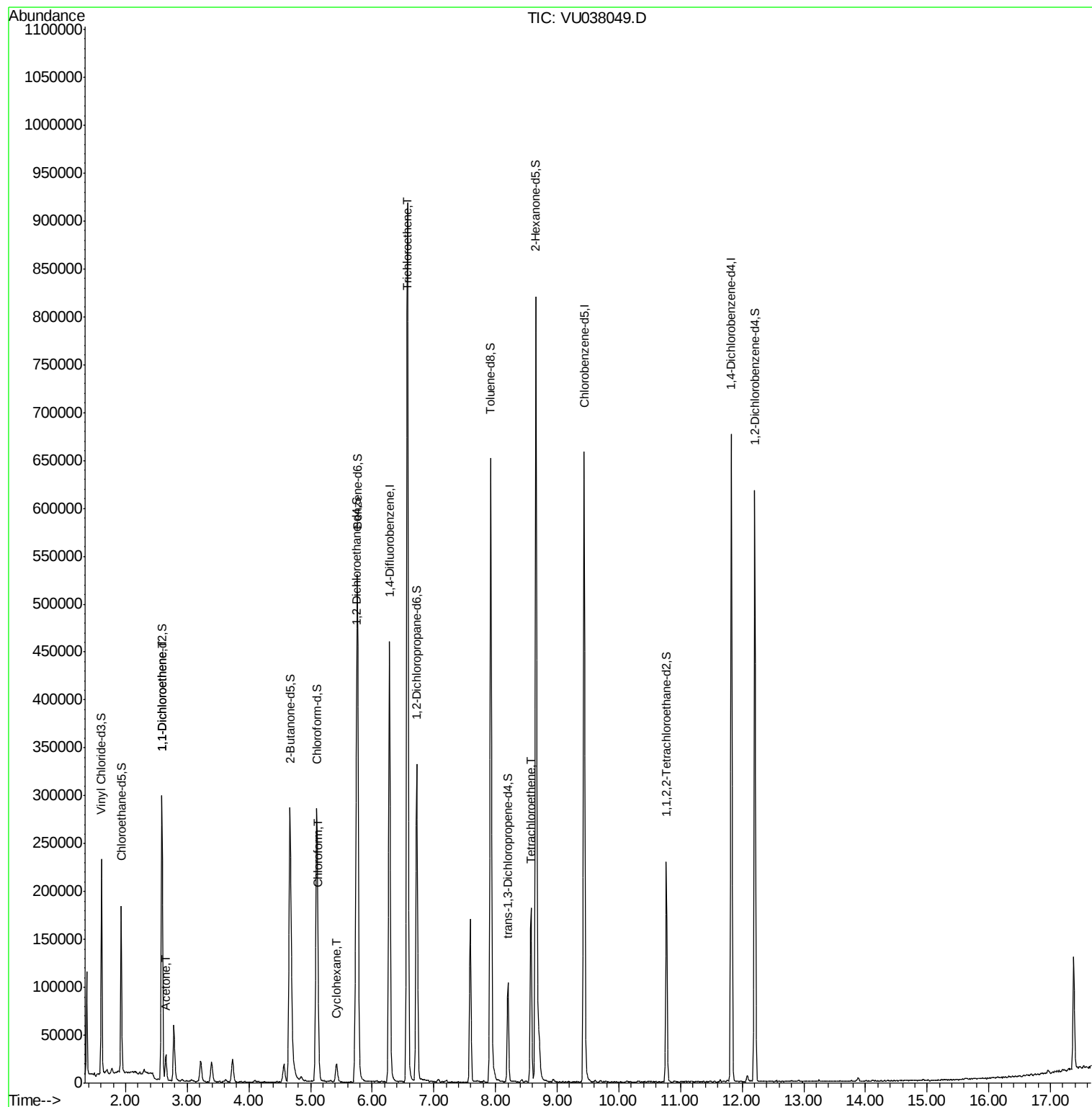
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1678	0.066 ug/L	# 1
13) Acetone	2.65	43	29492	5.714 ug/L	94
25) Chloroform	5.13	83	27586	0.548 ug/L	100
30) Cyclohexane	5.42	56	9675	0.198 ug/L	94
34) Trichloroethene	6.57	95	309575	10.717 ug/L	98
47) Tetrachloroethene	8.57	164	40240	1.992 ug/L	97

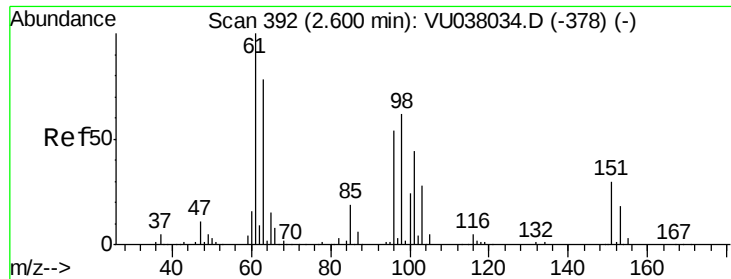
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038049.D

Acq: 07 May 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

BFSJ9

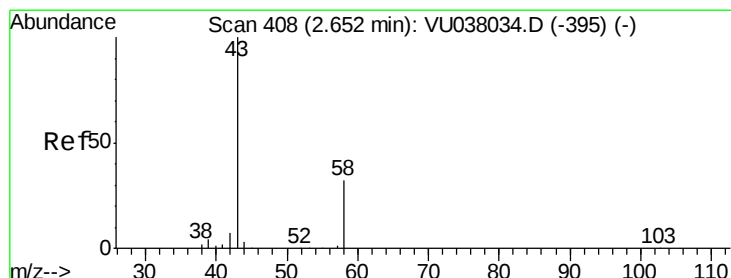
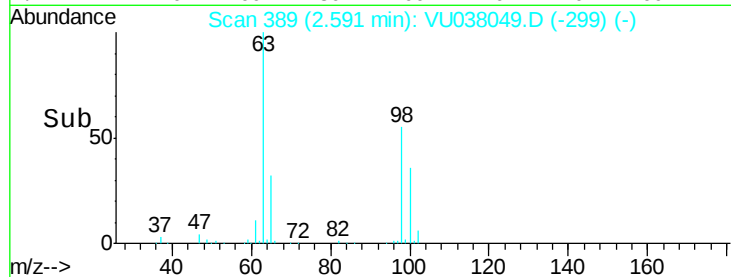
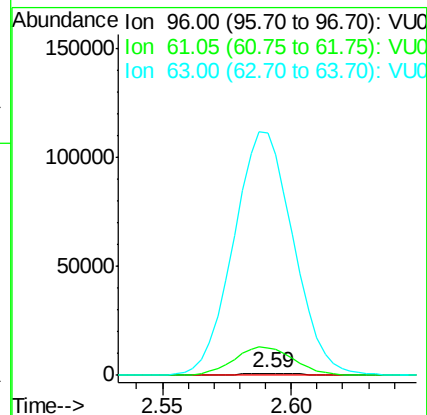
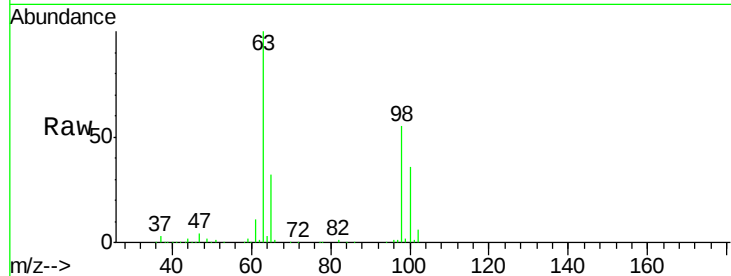
Tot Ion: 96 Resp: 1678

Ion Ratio Lower Upper

96 100

61 1222.8 126.2 234.4#

63 10682.5 96.9 179.9#



#13

Acetone

Concen: 5.714 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038049.D

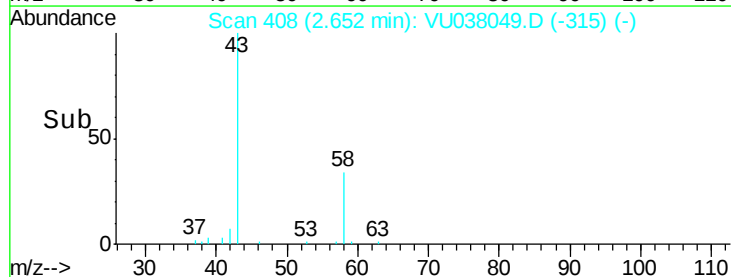
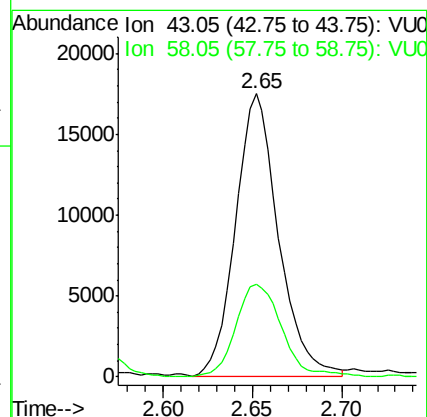
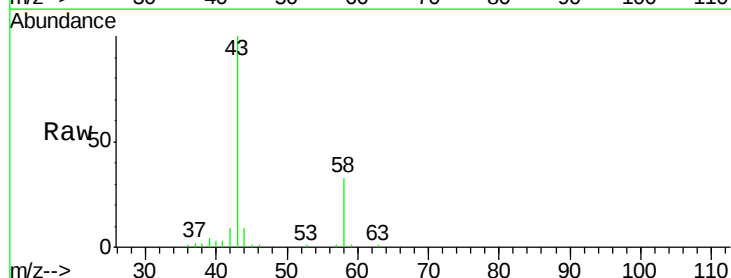
Acq: 07 May 2020 19:18

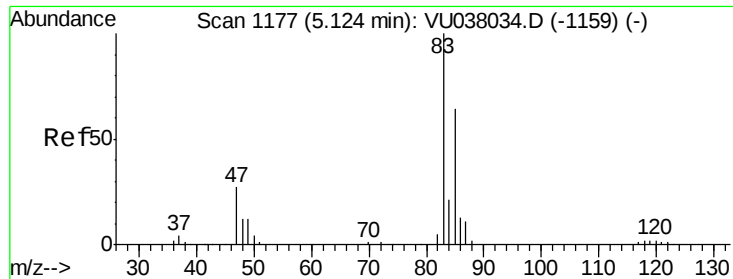
Tgt Ion: 43 Resp: 29492

Ion Ratio Lower Upper

43 100

58 35.0 0.0 63.6

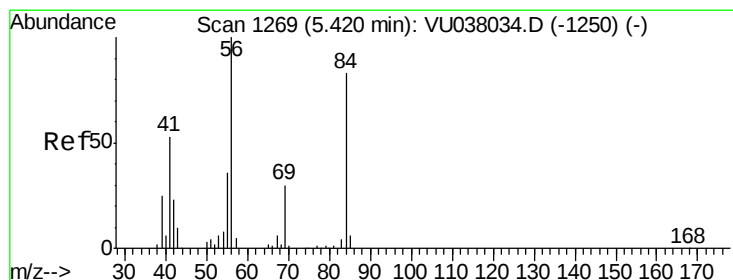
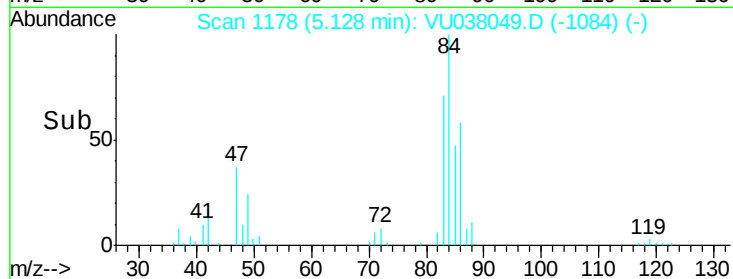
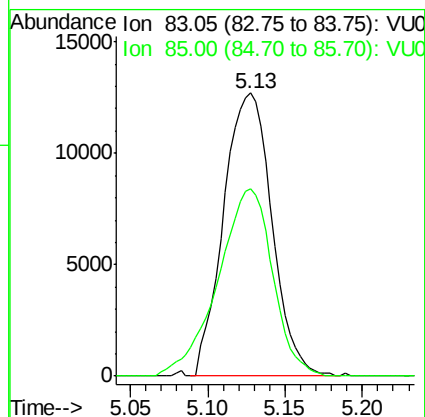
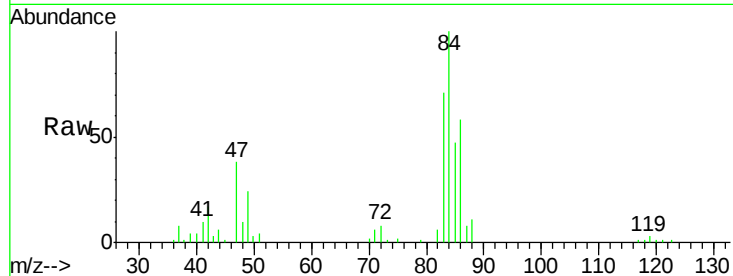




#25
Chloroform
Concen: 0.548 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038049.D
Acq: 07 May 2020 19:18

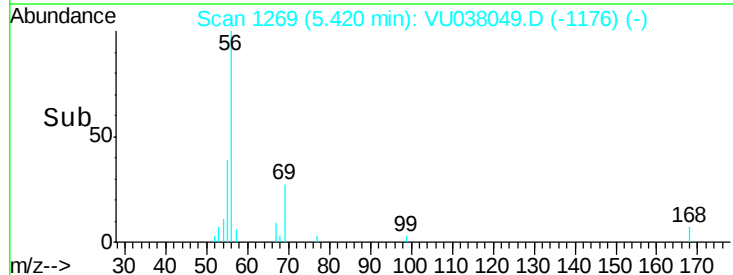
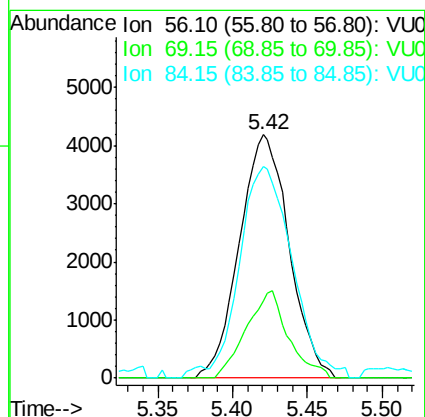
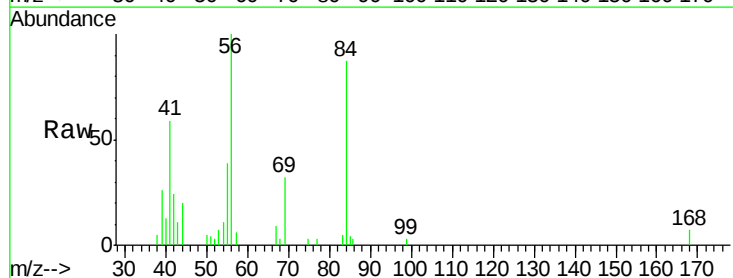
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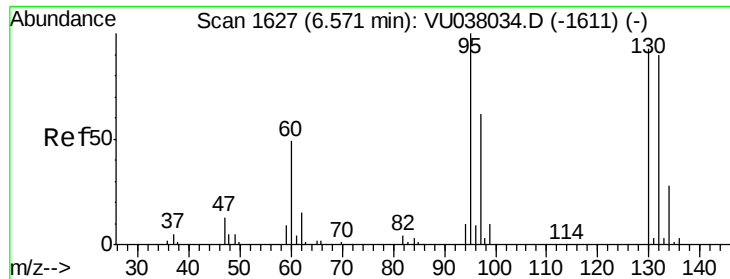
Tot Ion: 83 Resp: 27586
Ion Ratio Lower Upper
83 100
85 66.3 46.2 85.8



#30
Cyclohexane
Concen: 0.198 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038049.D
Acq: 07 May 2020 19:18

Tgt Ion: 56 Resp: 9675
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.4
84 92.8 68.5 102.7

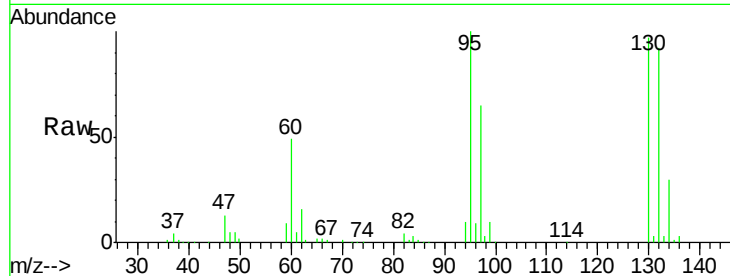




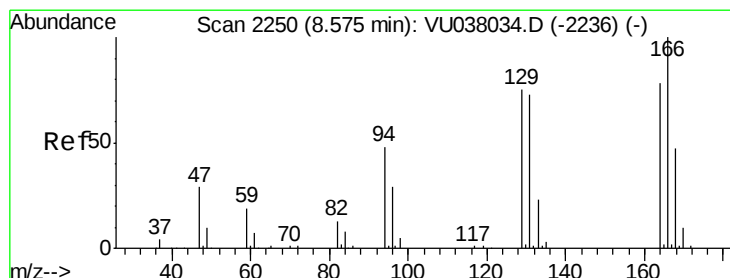
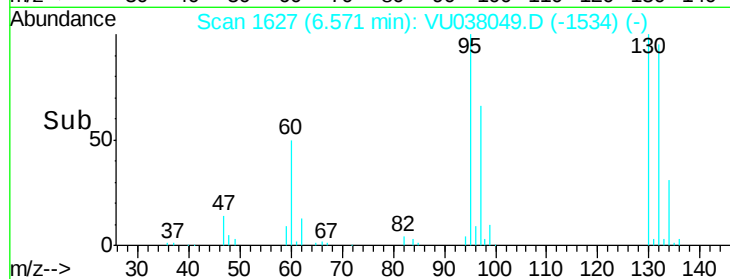
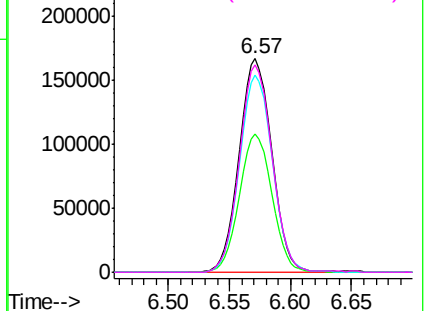
#34
 Trichloroethene
 Concen: 10.717 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038049.D
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Instrument :
 MSVOA_U
 ClientSampled :
 BFSJ9

Tot Ion:	95	Resp:	309575
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.9	83.3
132	92.5	63.3	117.5
130	97.2	65.7	122.1

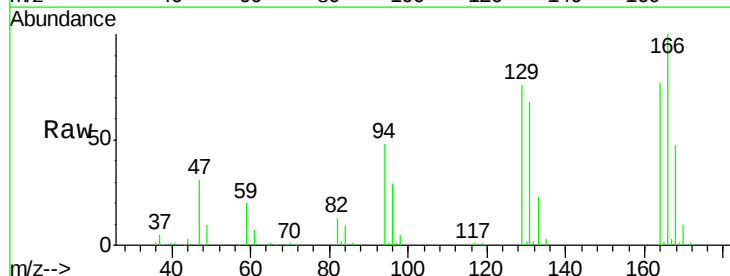


Abundance Ion 95.00 (94.70 to 95.70): VU038049.D (-1611) (-)
 Ion 96.95 (96.65 to 97.65): VU038049.D (-1611) (-)
 Ion 131.95 (131.65 to 132.65): VU038049.D (-1611) (-)
 Ion 129.95 (129.65 to 130.65): VU038049.D (-1611) (-)



#47
 Tetrachloroethene
 Concen: 1.992 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038049.D
 Acq: 07 May 2020 19:18

Tgt Ion:	164	Resp:	40240
Ion	Ratio	Lower	Upper
164	100		
129	98.8	68.8	127.8
131	89.5	66.8	124.2
166	130.6	88.9	165.1



Abundance Ion 163.90 (163.60 to 164.60): VU038049.D (-2236) (-)
 Ion 128.95 (128.65 to 129.65): VU038049.D (-2236) (-)
 Ion 130.95 (130.65 to 131.65): VU038049.D (-2236) (-)
 Ion 165.90 (165.60 to 166.60): VU038049.D (-2236) (-)

