

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038908.D
 Acq On : 15 Jun 2020 21:46
 Operator : SY/MD
 Sample : L2985-01DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT69DL

Quant Time: Jun 16 04:02:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	290807	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294506	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82582	5.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.00%
7) Chloroethane-d5	1.93	69	71077	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	130180	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.68	46	226822	43.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.50%
24) Chloroform-d	5.10	84	177131	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.74	65	104252	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.76	84	345299	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.72	67	105860	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.92	98	287771	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.20	79	42320	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.66	63	237803	53.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93006	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	116746	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

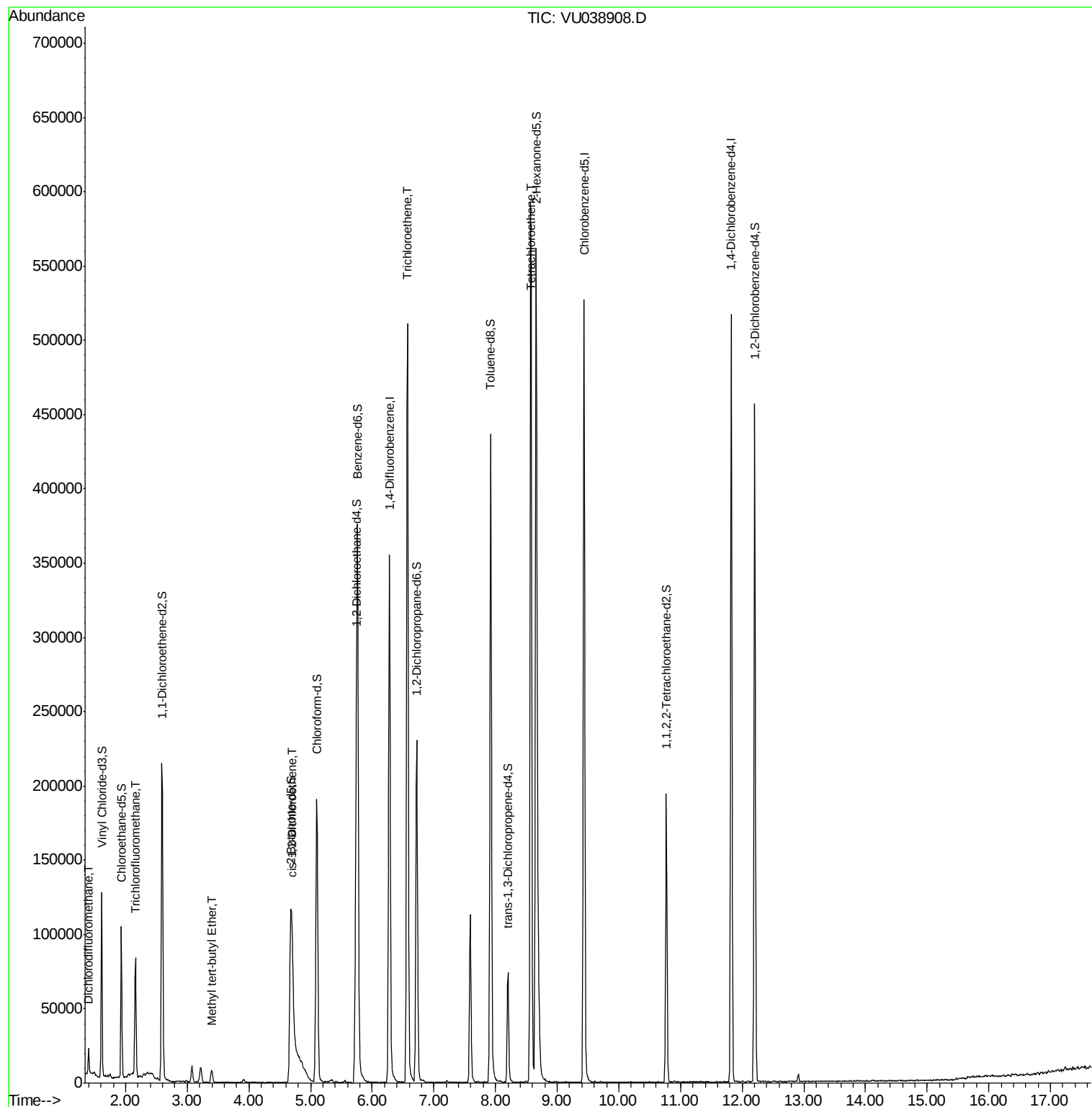
					Ovalue
2) Dichlorodifluoromethane	1.39	85	5264	0.186 ug/L	100
9) Trichlorofluoromethane	2.16	101	49266	1.139 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	5794	0.110 ug/L #	91
22) cis-1,2-Dichloroethene	4.71	96	16040	0.704 ug/L	97
34) Trichloroethene	6.57	95	172553	7.554 ug/L	98
47) Tetrachloroethene	8.57	164	136045	7.771 ug/L	99

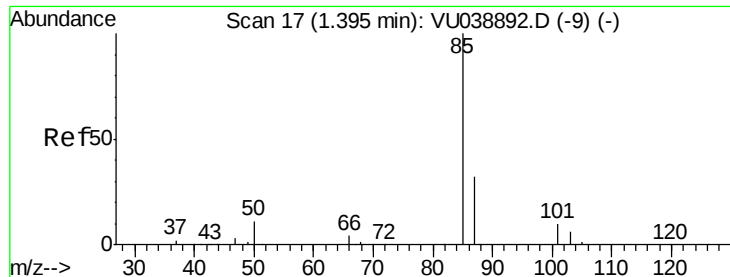
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.186 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038908.D

Acq: 15 Jun 2020 21:46

Instrument :

MSVOA_U

ClientSampleId :

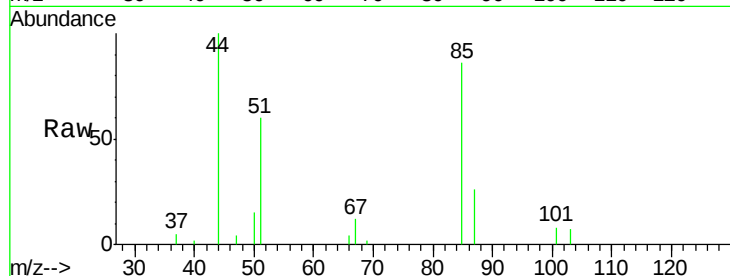
BFT69DL

Tot Ion: 85 Resp: 5264

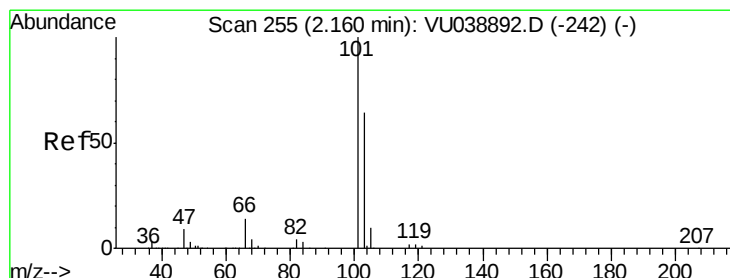
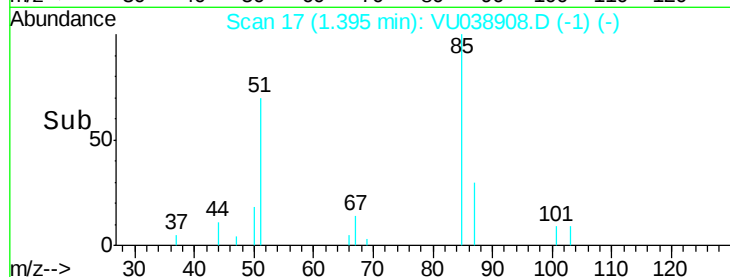
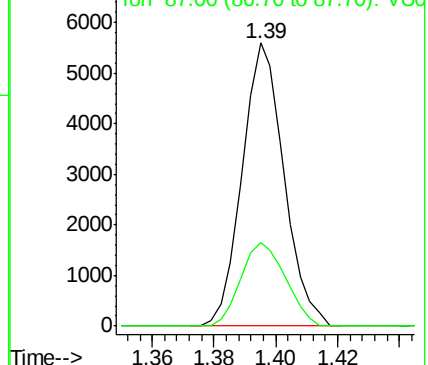
Ion Ratio Lower Upper

85 100

87 31.5 25.0 37.6



Abundance Ion 85.00 (84.70 to 85.70): VU038908.D (-1) (-)



#9

Trichlorofluoromethane

Concen: 1.139 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU038908.D

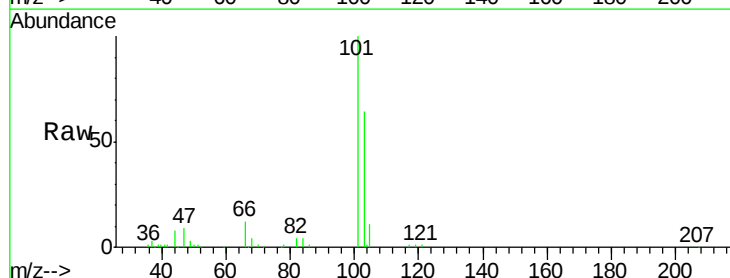
Acq: 15 Jun 2020 21:46

Tgt Ion:101 Resp: 49266

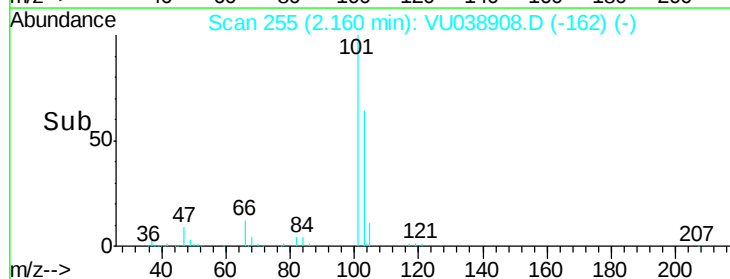
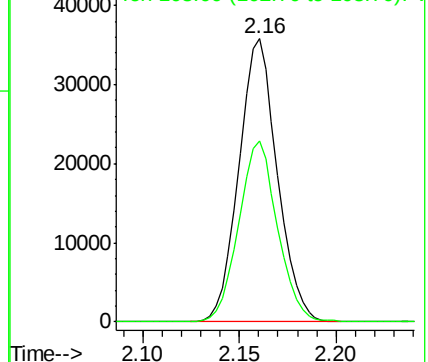
Ion Ratio Lower Upper

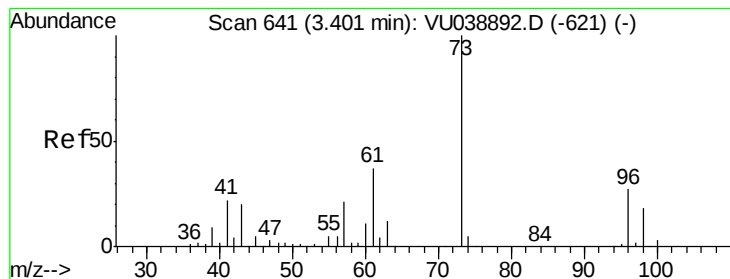
101 100

103 64.5 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): VU038908.D (-162) (-)



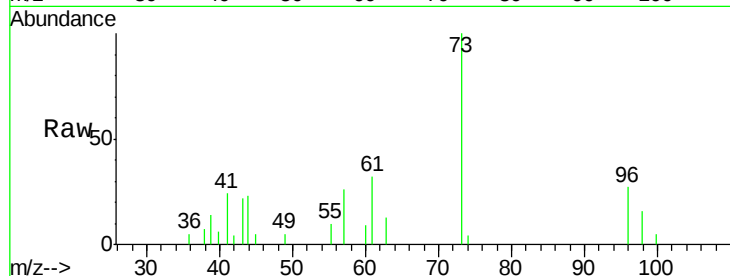


#17

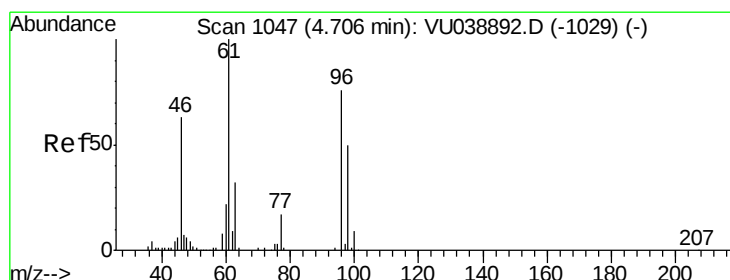
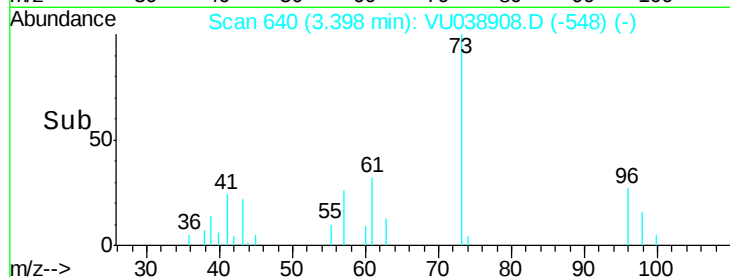
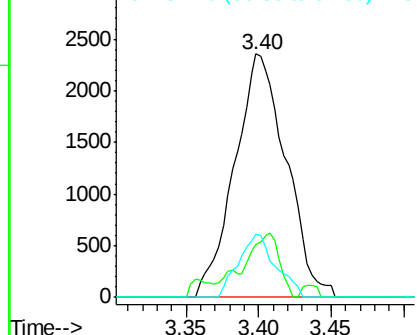
Methvl tert-butvl Ether
 Concen: 0.110 ug/L
 RT: 3.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: VU038908.D
 Acq: 15 Jun 2020 21:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT69DL

Tot Ion: 73 Resp: 5794
 Ion Ratio Lower Upper
 73 100
 43 15.1 16.6 24.8#
 57 18.6 17.5 26.3



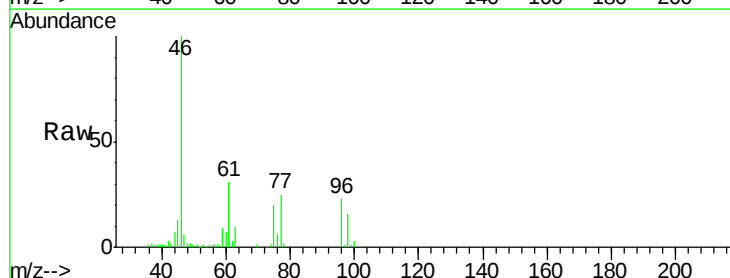
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



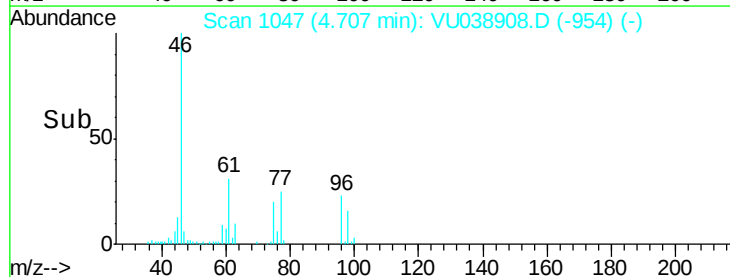
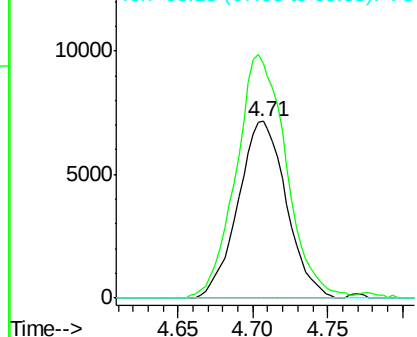
#22

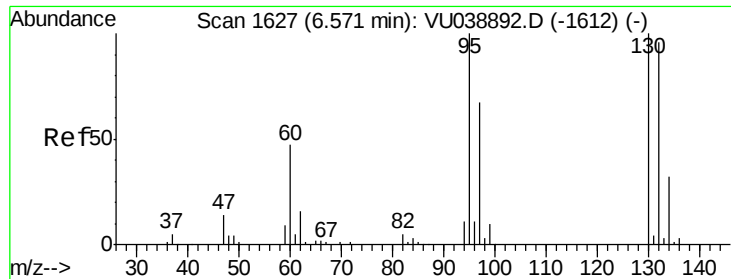
cis-1,2-Dichloroethene
 Concen: 0.704 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038908.D
 Acq: 15 Jun 2020 21:46

Tgt Ion: 96 Resp: 16040
 Ion Ratio Lower Upper
 96 100
 61 133.0 90.5 168.1
 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

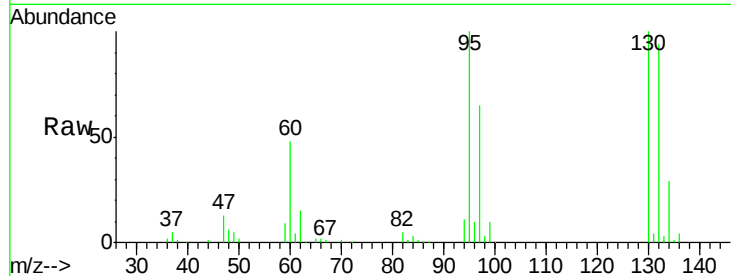




#34
 Trichloroethene
 Concen: 7.554 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038908.D
 Acq: 15 Jun 2020 21:46

Instrument :
 MSVOA_U
 ClientSampled :
 BFT69DL

Tot Ion:	95	Resp:	172553
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.1	85.5
132	94.1	68.2	126.6
130	99.6	71.0	131.9

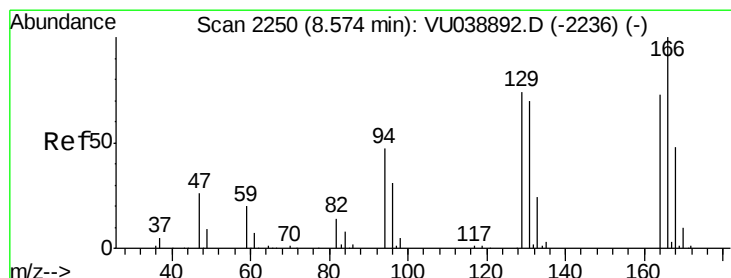
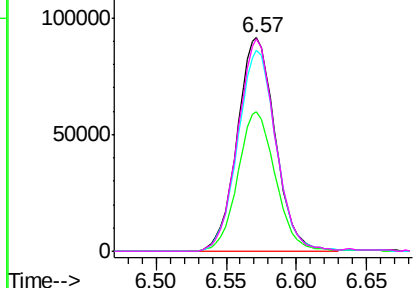
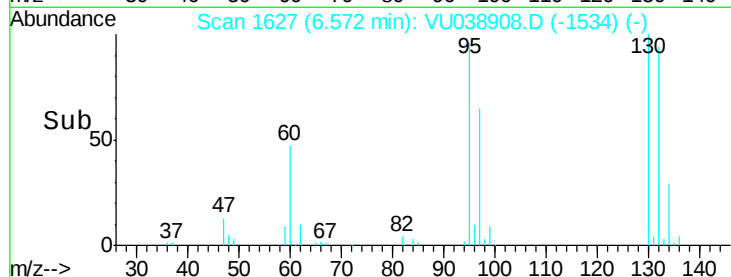


Abundance Ion 95.00 (94.70 to 95.70): VU038908.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038908.D (-1534) (-)

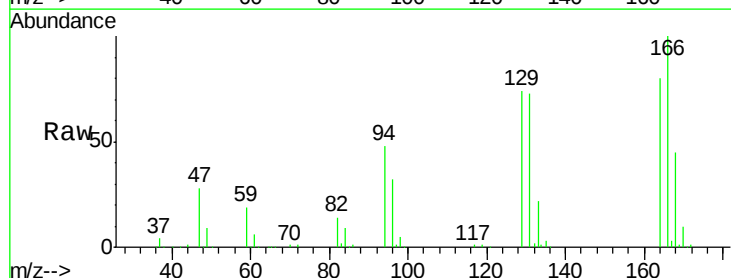
Ion 131.95 (131.65 to 132.65): VU038908.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038908.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 7.771 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU038908.D
 Acq: 15 Jun 2020 21:46

Tgt Ion:	164	Resp:	136045
Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.5	121.7
131	90.7	63.9	118.7
166	125.1	87.9	163.3



Abundance Ion 163.90 (163.60 to 164.60): VU038908.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038908.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038908.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038908.D (-2157) (-)

