

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039252.D
 Acq On : 01 Jul 2020 02:21
 Operator : SY/MD
 Sample : L3121-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F38

Quant Time: Jul 01 06:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:27:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	196418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	215788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	88419	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	59382	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	49507	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.59	63	96528	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.67	46	173974	31.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.36%
24) Chloroform-d	5.10	84	121178	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.74	65	74455	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.76	84	228444	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.72	67	70969	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.92	98	190673	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.20	79	29857	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.65	63	157649	36.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	56217	3.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	70668	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

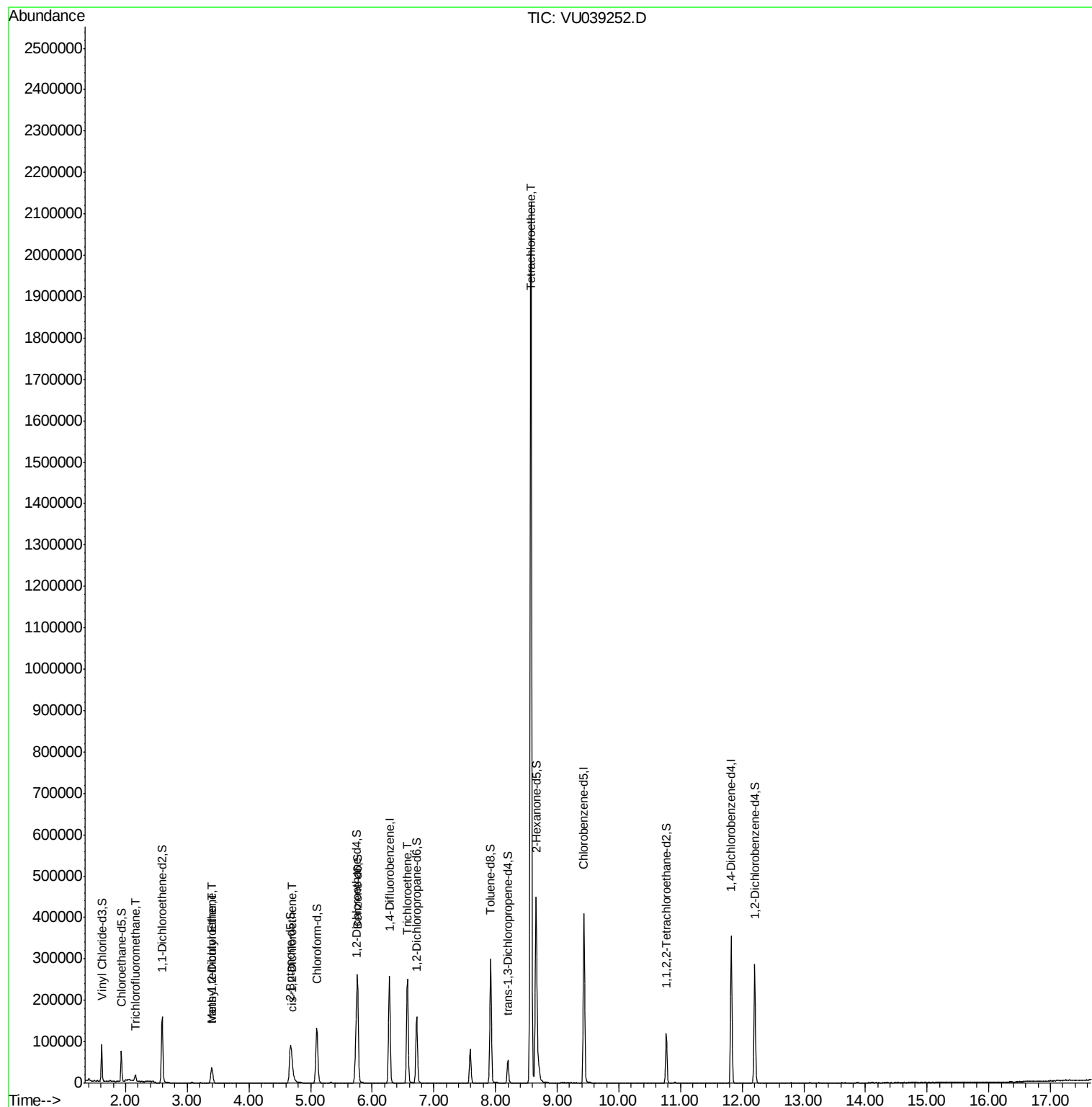
					Ovalue
9) Trichlorofluoromethane	2.16	101	8000	0.274 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	35569	0.945 ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	1546	0.108 ug/L	75
22) cis-1,2-Dichloroethene	4.71	96	2644	0.175 ug/L	84
34) Trichloroethene	6.57	95	81065	4.872 ug/L	98
47) Tetrachloroethene	8.57	164	449597	38.510 ug/L	98

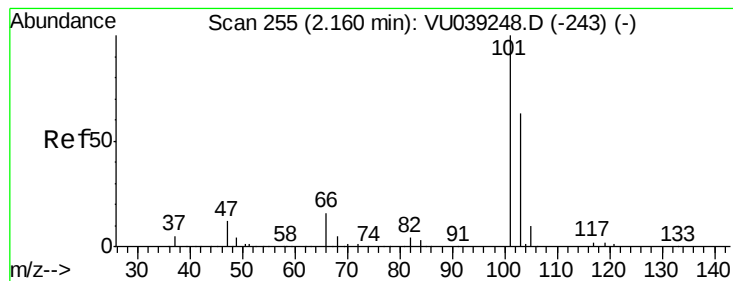
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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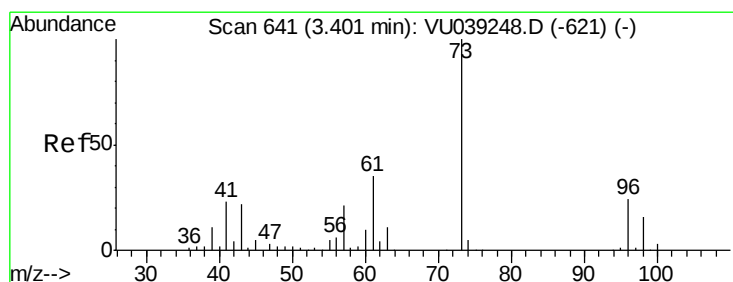
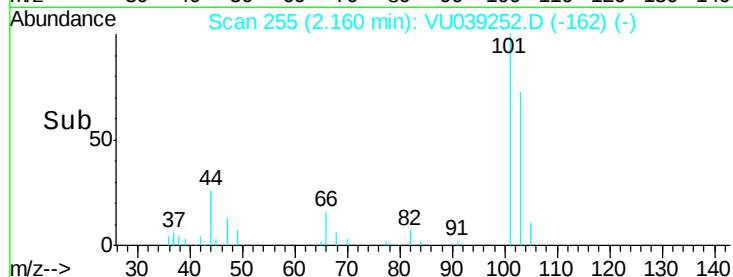
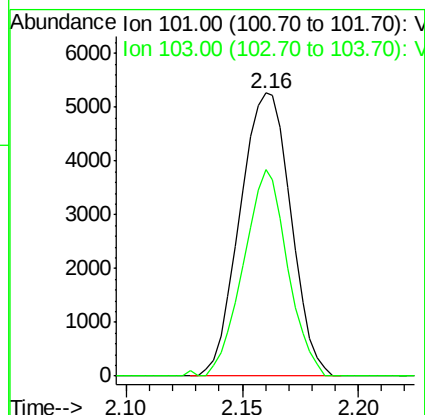
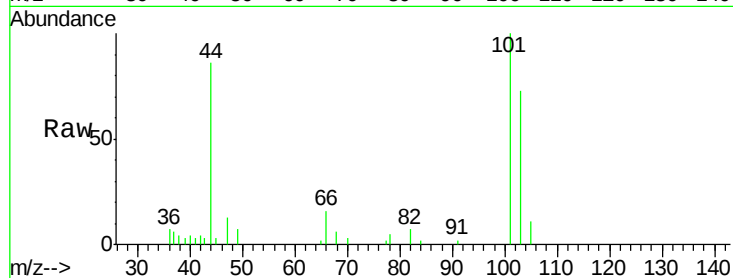


#9

Trichlorofluoromethane
 Concen: 0.274 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: VU039252.D
 Acq: 01 Jul 2020 02:21

Instrument :
 MSVOA_U
 ClientSampled :
 F9F38

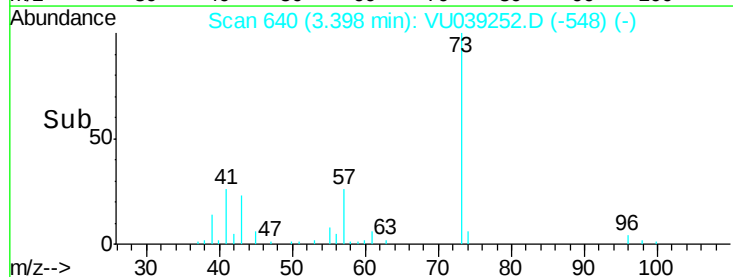
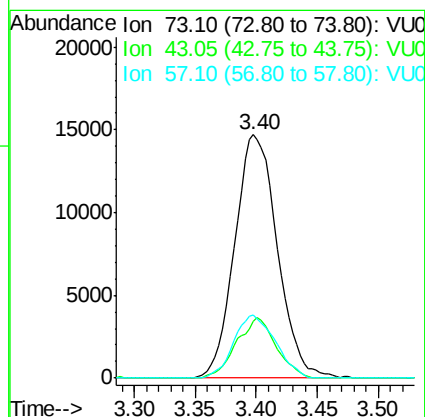
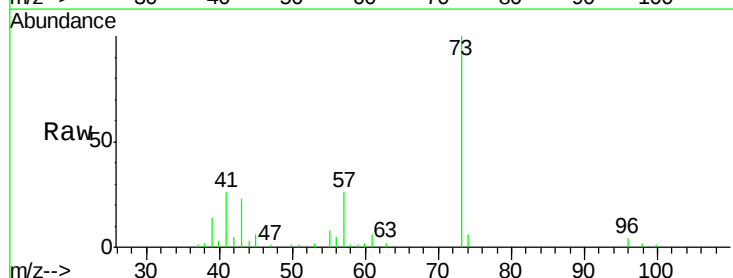
Tot Ion:101 Resp: 8000
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0

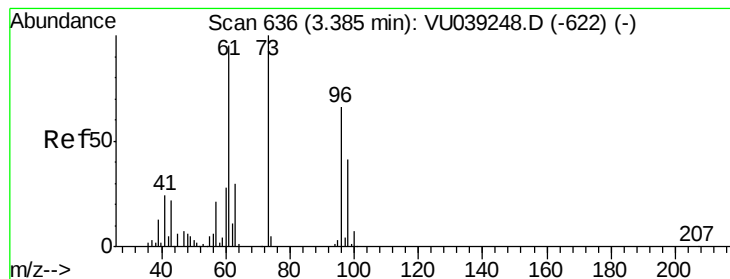


#17

Methyl tert-butyl Ether
 Concen: 0.945 ug/L
 RT: 3.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: VU039252.D
 Acq: 01 Jul 2020 02:21

Tgt Ion: 73 Resp: 35569
 Ion Ratio Lower Upper
 73 100
 43 23.1 17.4 26.0
 57 25.3 17.6 26.4





#18

trans-1,2-Dichloroethene

Concen: 0.108 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU039252.D

Acq: 01 Jul 2020 02:21

Instrument :

MSVOA_U

ClientSampleId :

F9F38

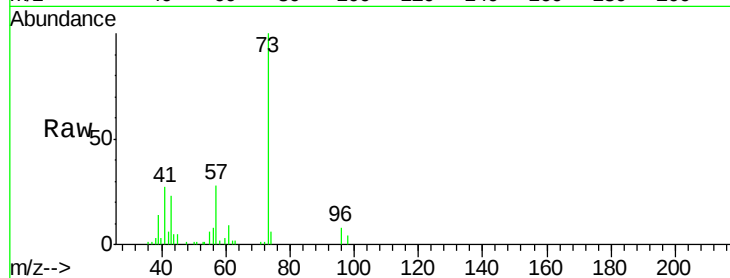
Tot Ion: 96 Resp: 1546

Ion Ratio Lower Upper

96 100

61 116.4 103.3 191.8

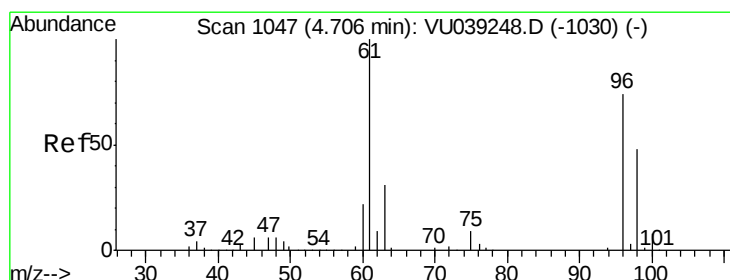
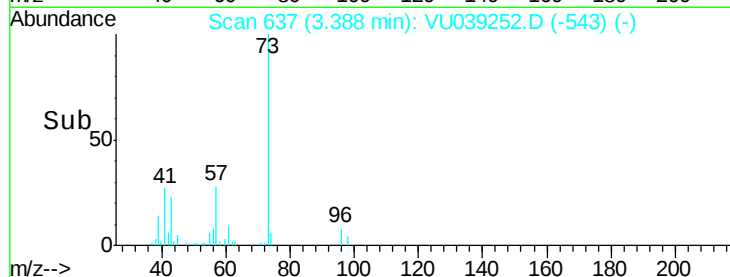
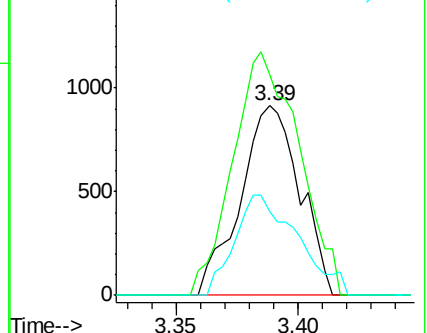
98 44.0 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU039252.D (-543) (-)

Ion 61.05 (60.75 to 61.75): VU039252.D (-543) (-)

Ion 97.95 (97.65 to 98.65): VU039252.D (-543) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.175 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU039252.D

Acq: 01 Jul 2020 02:21

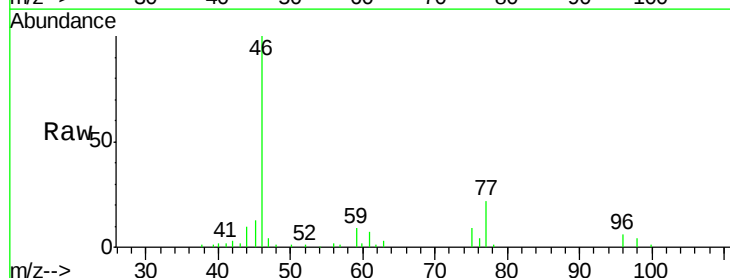
Tgt Ion: 96 Resp: 2644

Ion Ratio Lower Upper

96 100

61 115.3 94.2 175.0

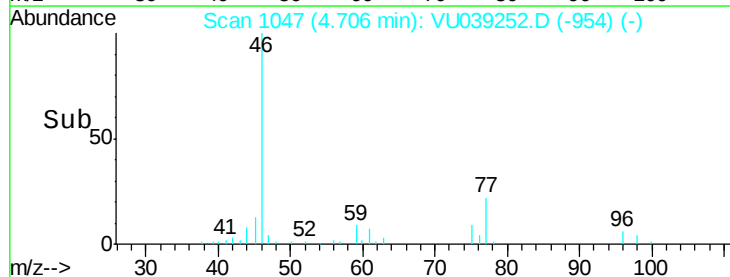
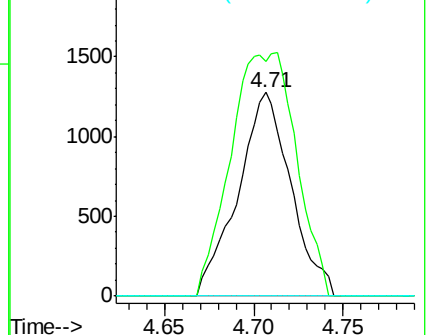
68 0.0 0.0 0.0

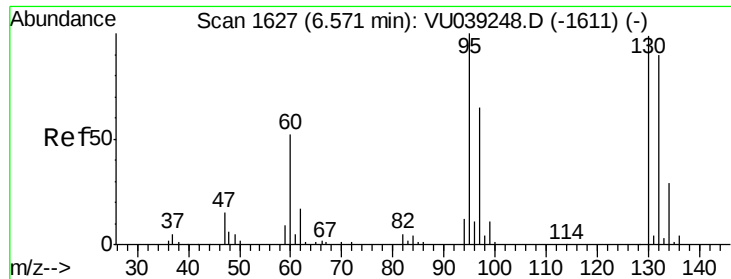


Abundance Ion 96.00 (95.70 to 96.70): VU039252.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU039252.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039252.D (-954) (-)

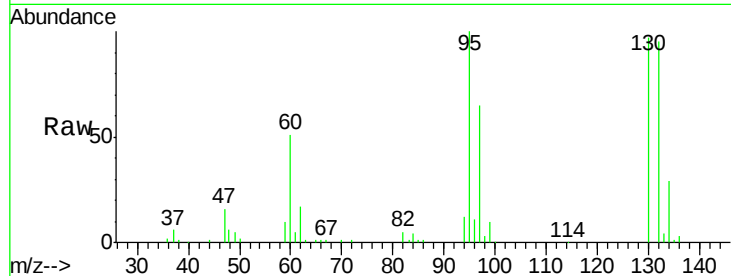




#34
 Trichloroethene
 Concen: 4.872 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU039252.D
 Acq: 01 Jul 2020 02:21

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F38

Tot Ion:	95	Resp:	81065
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.0	81.8
132	94.5	64.9	120.5
130	96.7	68.7	127.5

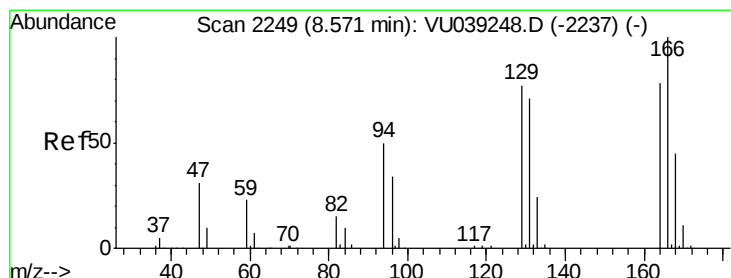
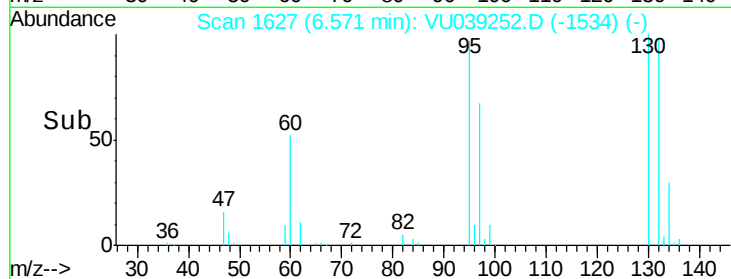
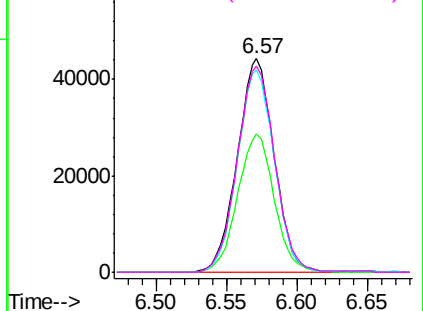


Abundance Ion 95.00 (94.70 to 95.70): VU039252.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU039252.D (-1534) (-)

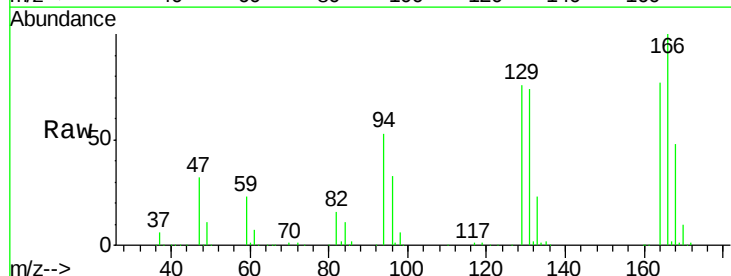
Ion 131.95 (131.65 to 132.65): VU039252.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU039252.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 38.510 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU039252.D
 Acq: 01 Jul 2020 02:21

Tgt Ion:	164	Resp:	449597
Ion	Ratio	Lower	Upper
164	100		
129	98.1	66.4	123.4
131	95.5	66.7	123.9
166	129.8	92.3	171.5



Abundance Ion 163.90 (163.60 to 164.60): VU039252.D (-2156) (-)

Ion 128.95 (128.65 to 129.65): VU039252.D (-2156) (-)

Ion 130.95 (130.65 to 131.65): VU039252.D (-2156) (-)

Ion 165.90 (165.60 to 166.60): VU039252.D (-2156) (-)

