

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120720\
 Data File : VU041484.D
 Acq On : 07 Dec 2020 11:25
 Operator : SY/MD
 Sample : L4944-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP8DL

Quant Time: Dec 08 05:03:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 08 04:32:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50479	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	10691	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	10819	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	21438	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.65	46	51745	53.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.44%
24) Chloroform-d	5.08	84	36150	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	25399	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.74	84	54007	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	14744	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.90	98	46121	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.18	79	9123	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	37398	45.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	16583	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	22432	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

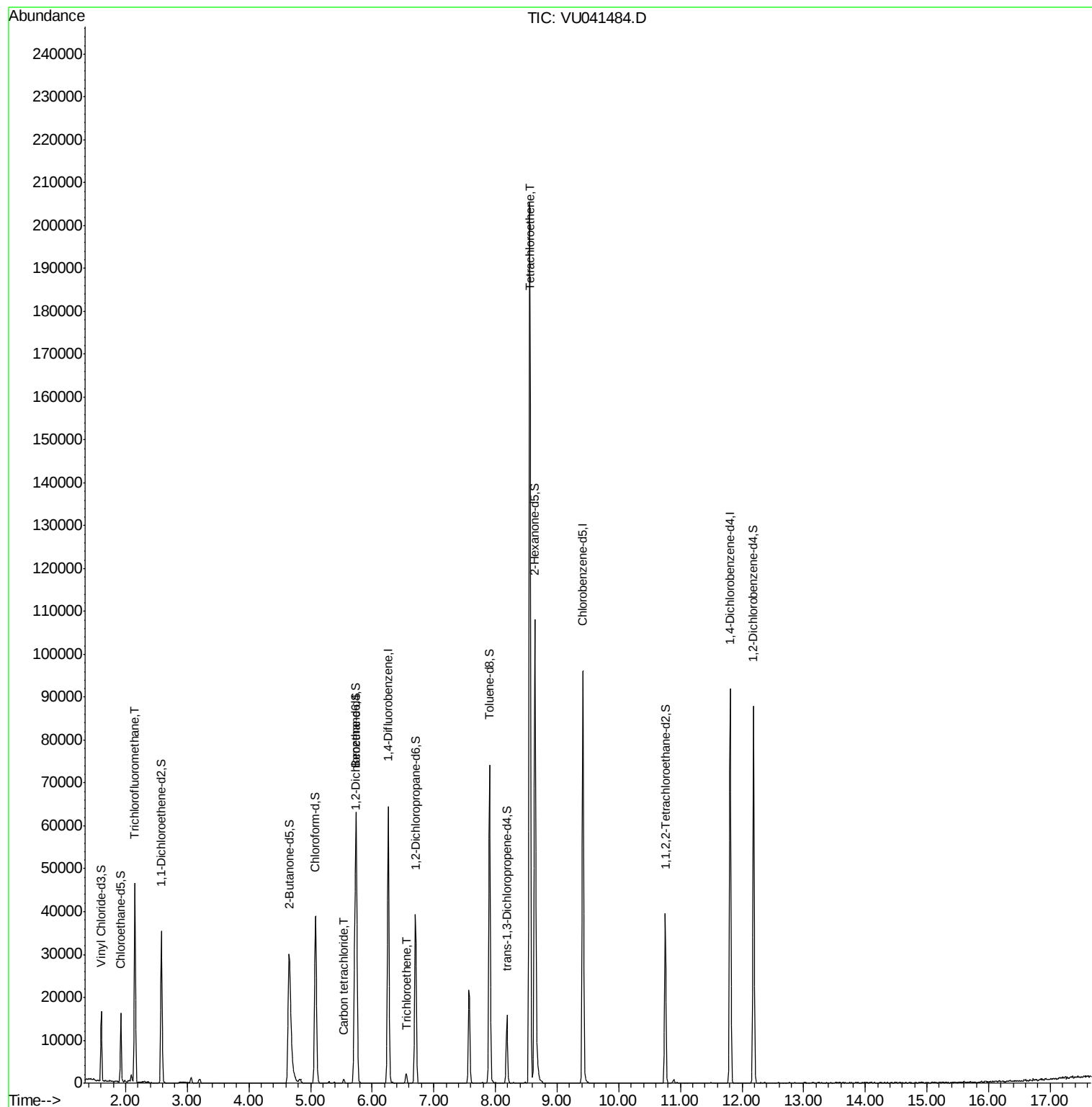
					Ovalue
9) Trichlorofluoromethane	2.15	101	29623	3.861 ug/L	99
31) Carbon tetrachloride	5.54	117	690	0.101 ug/L	99
34) Trichloroethene	6.56	95	890	0.231 ug/L	85
47) Tetrachloroethene	8.56	164	41628	13.681 ug/L	96

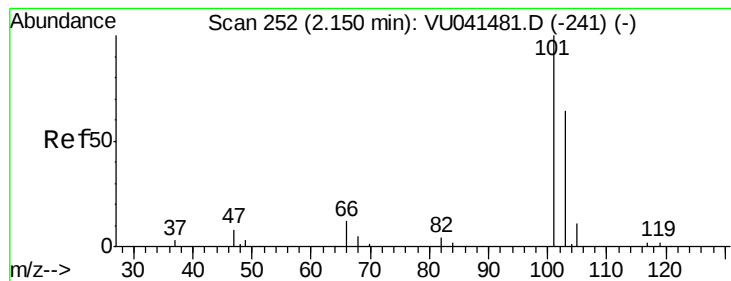
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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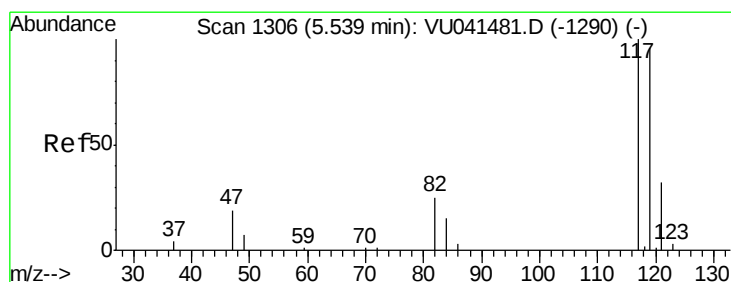
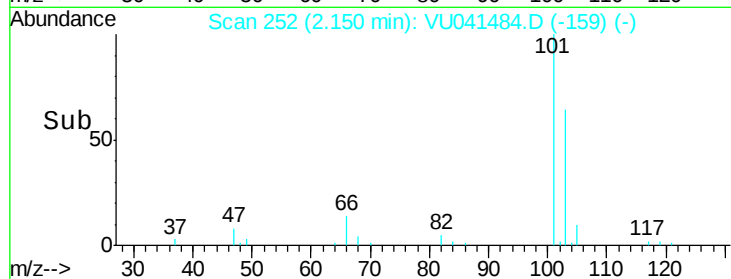
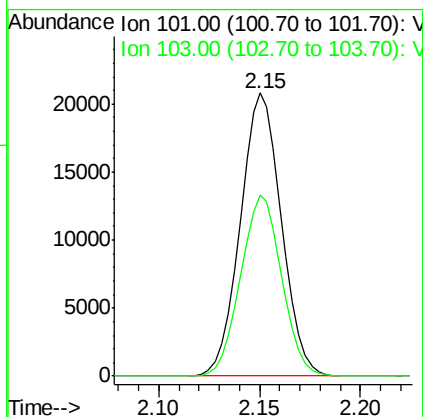
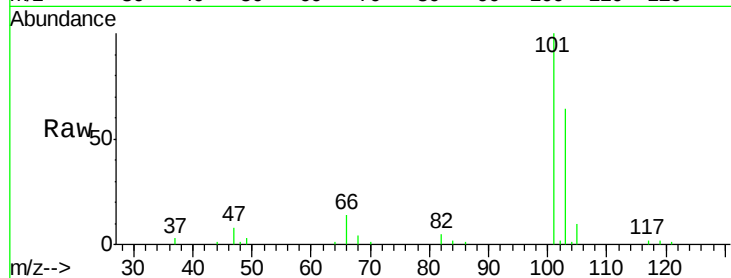


#9

Trichlorofluoromethane
Concen: 3.861 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU041484.D
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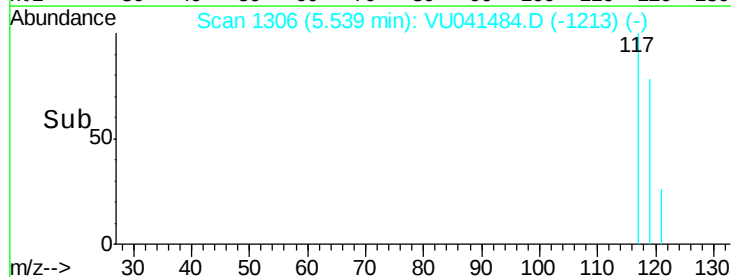
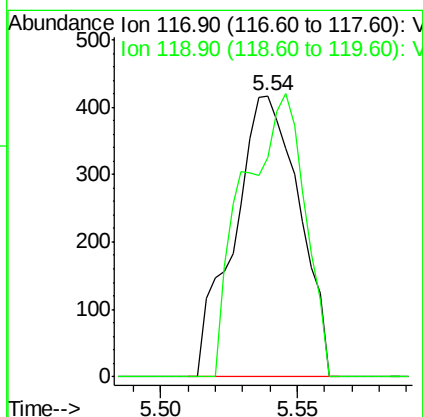
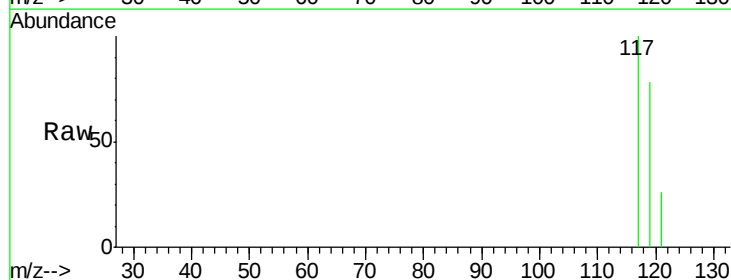
Tot Ion:101 Resp: 29623
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0

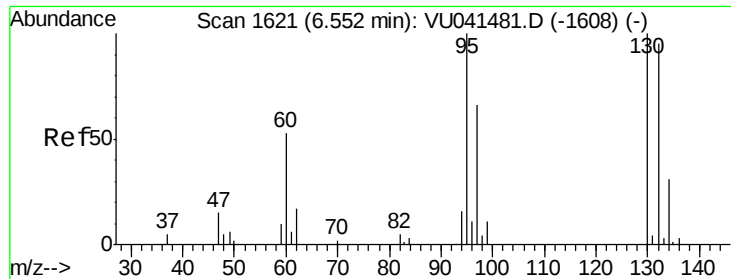


#31

Carbon tetrachloride
Concen: 0.101 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041484.D
Acq: 07 Dec 2020 11:25

Tgt Ion:117 Resp: 690
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8

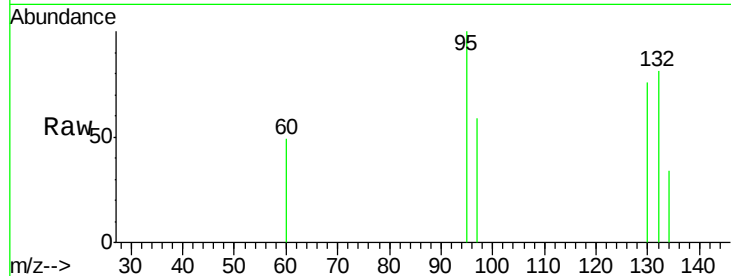




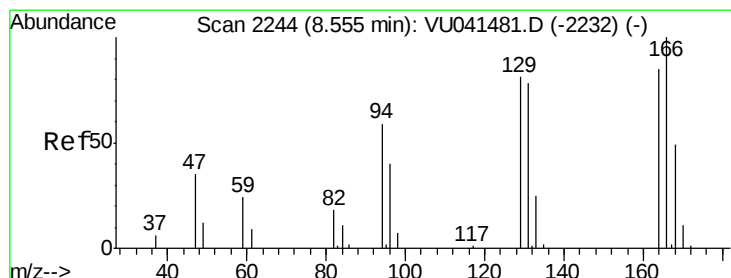
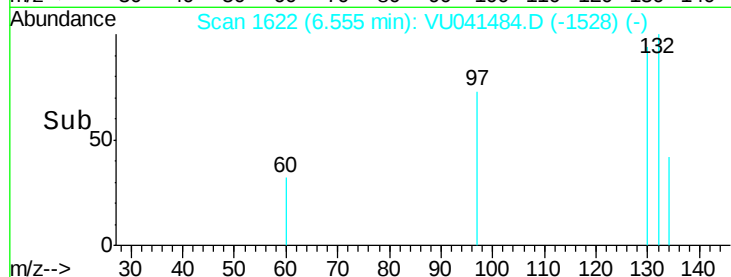
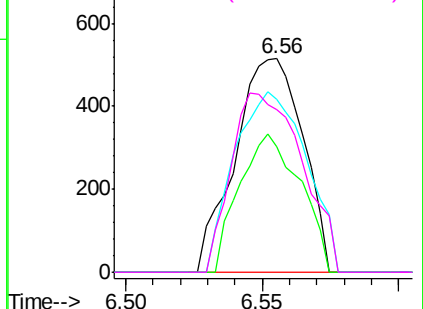
#34
 Trichloroethene
 Concen: 0.231 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041484.D
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Tot Ion: 95 Resp: 890
 Ion Ratio Lower Upper
 95 100
 97 58.6 44.7 83.1
 132 80.8 65.7 121.9
 130 76.3 68.8 127.8

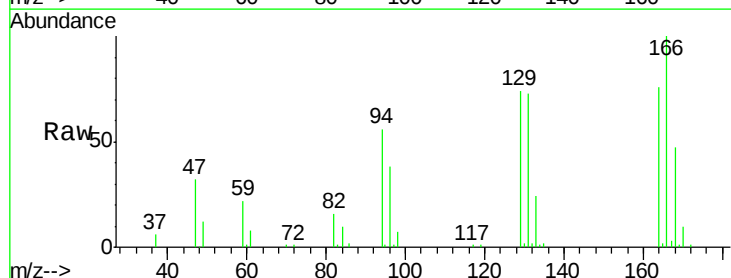


Abundance Ion 95.00 (94.70 to 95.70): VU041484.D (-1608) (-)
 Ion 96.95 (96.65 to 97.65): VU041484.D (-1608) (-)
 Ion 131.95 (131.65 to 132.65): VU041484.D (-1608) (-)
 Ion 129.95 (129.65 to 130.65): VU041484.D (-1608) (-)



#47
 Tetrachloroethene
 Concen: 13.681 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041484.D
 Acq: 07 Dec 2020 11:25

Tgt Ion: 164 Resp: 41628
 Ion Ratio Lower Upper
 164 100
 129 97.7 67.1 124.7
 131 96.5 63.3 117.7
 166 132.1 88.8 164.8



Abundance Ion 163.90 (163.60 to 164.60): VU041484.D (-2232) (-)
 Ion 128.95 (128.65 to 129.65): VU041484.D (-2232) (-)
 Ion 130.95 (130.65 to 131.65): VU041484.D (-2232) (-)
 Ion 165.90 (165.60 to 166.60): VU041484.D (-2232) (-)

