

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040824.D
 Acq On : 19 Oct 2020 23:28
 Operator : SY/MD
 Sample : L4420-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ9

Quant Time: Oct 20 06:00:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111739	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47864	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26791	2.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.80%
7) Chloroethane-d5	1.92	69	29224	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.58	63	45801	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	4.66	46	168387	56.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.66%
24) Chloroform-d	5.08	84	79107	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	50208	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	130790	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.70	67	49622	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.91	98	97139	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	8.19	79	18227	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	110904	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47693	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45742	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

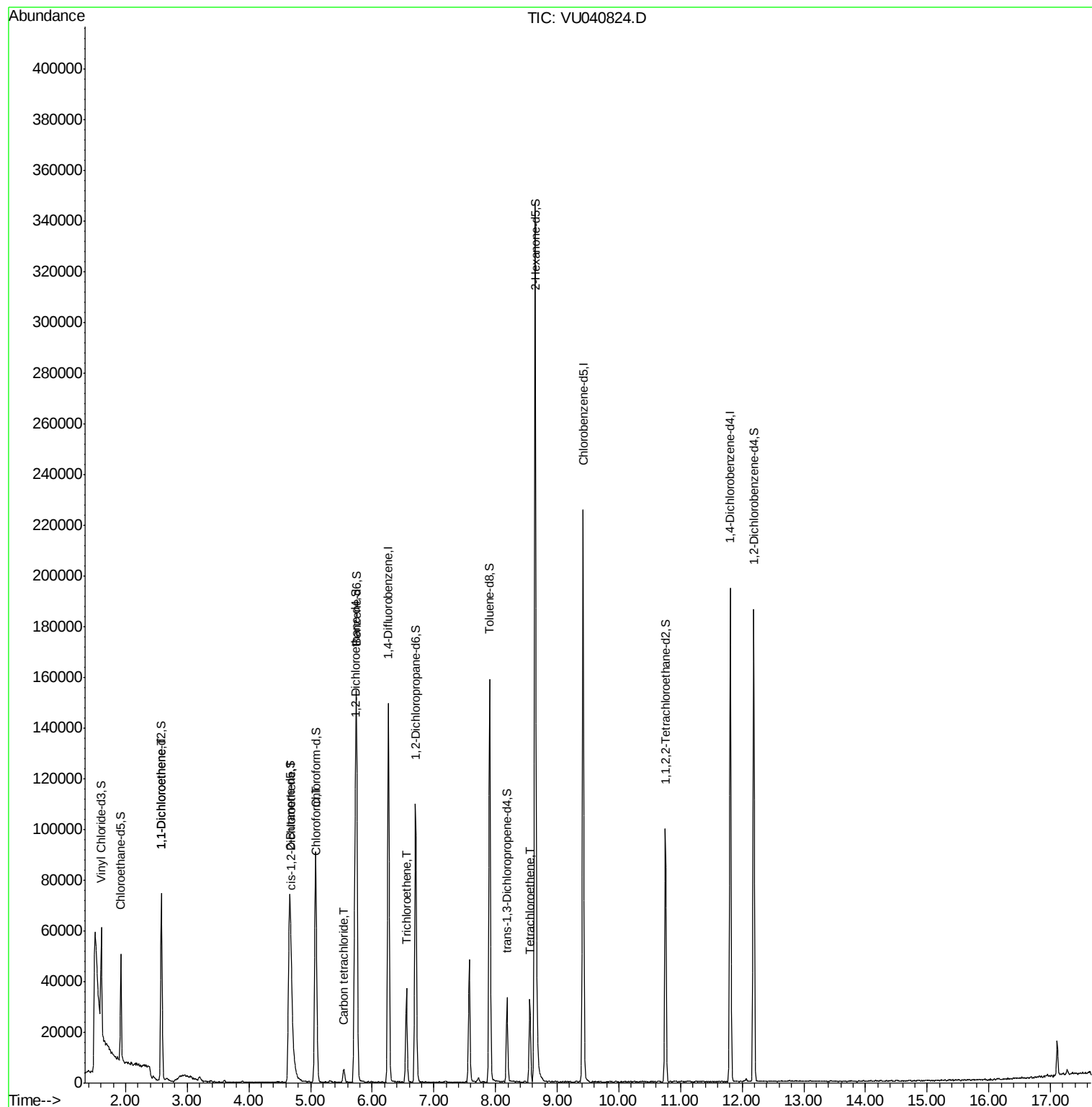
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1817	0.228 ug/L	# 1
22) cis-1,2-Dichloroethene	4.69	96	2927	0.325 ug/L	95
25) Chloroform	5.10	83	3644	0.207 ug/L	82
31) Carbon tetrachloride	5.54	117	3391	0.253 ug/L	98
34) Trichloroethene	6.55	95	11743	1.209 ug/L	94
47) Tetrachloroethene	8.56	164	6930	1.000 ug/L	97

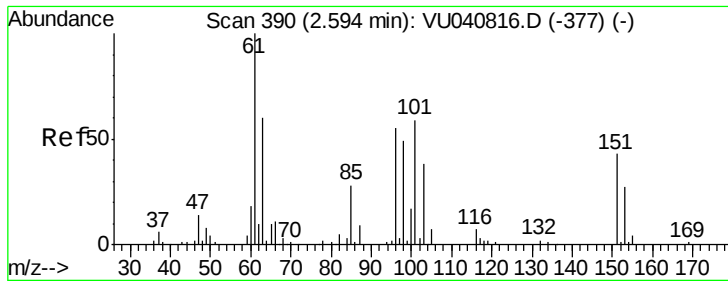
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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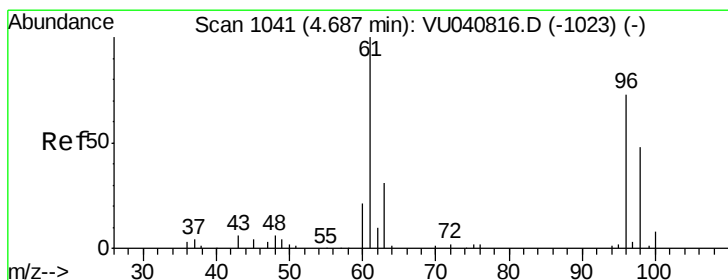
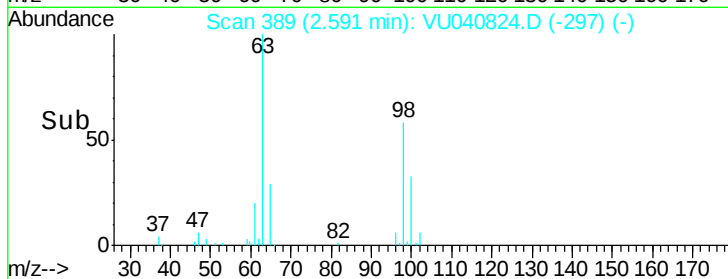
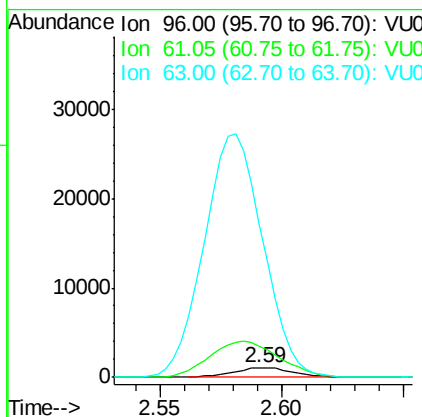
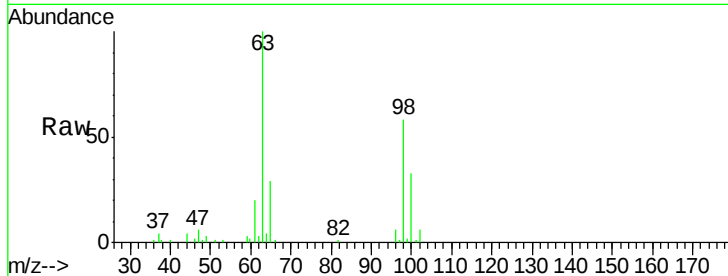




#12
 1,1-Dichloroethene
 Concen: 0.228 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU040824.D
 Acq: 19 Oct 2020 23:28

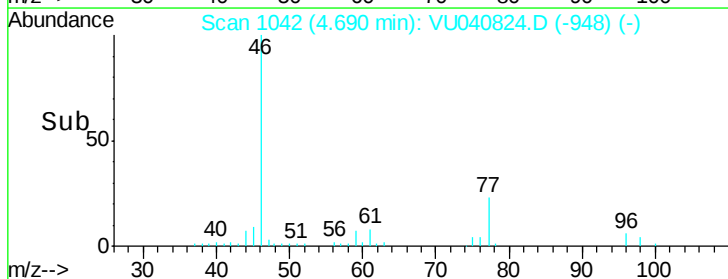
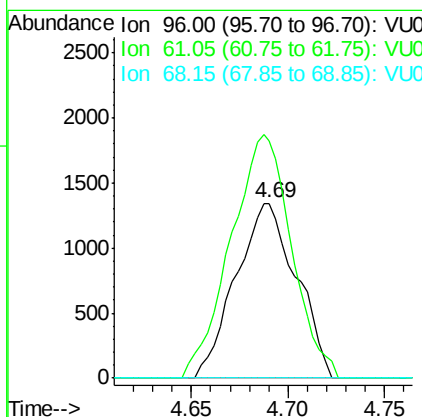
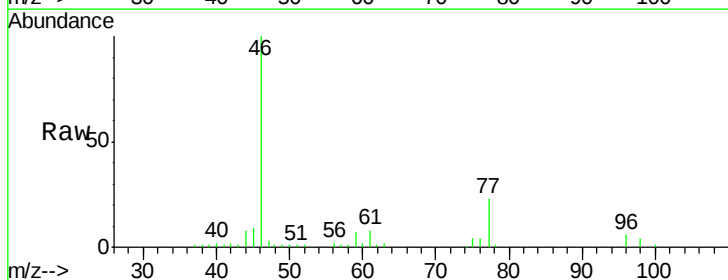
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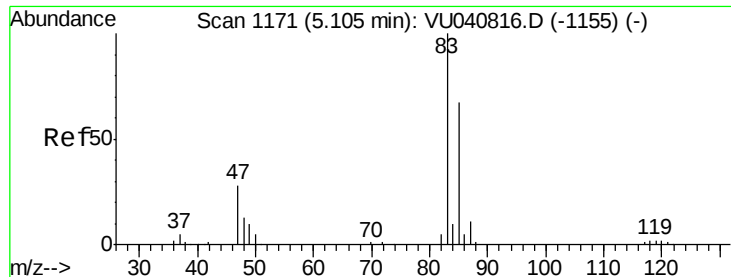
Tot Ion: 96 Resp: 1817
 Ion Ratio Lower Upper
 96 100
 61 321.6 128.8 239.2#
 63 1570.1 84.6 157.2#



#22
 cis-1,2-Dichloroethene
 Concen: 0.325 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VU040824.D
 Acq: 19 Oct 2020 23:28

Tgt Ion: 96 Resp: 2927
 Ion Ratio Lower Upper
 96 100
 61 135.8 99.8 185.4
 68 0.0 0.0 0.0

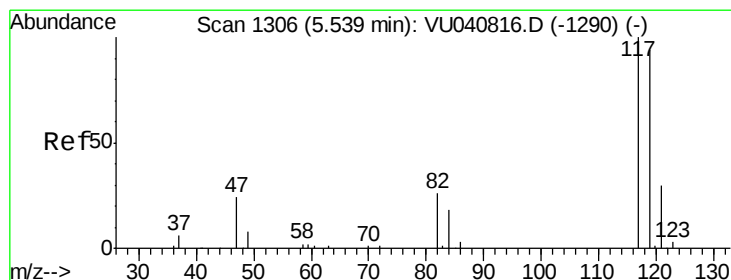
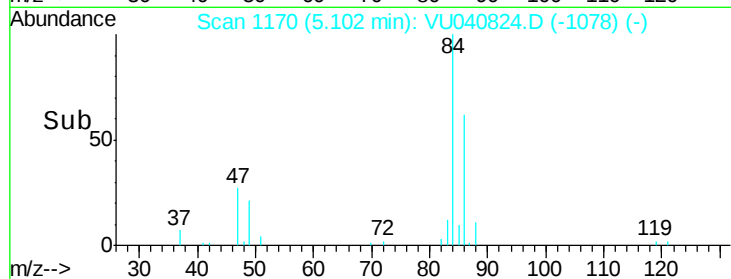
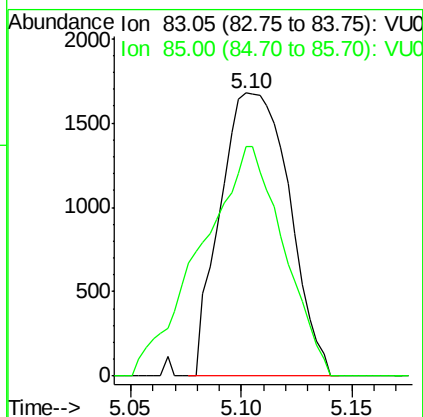
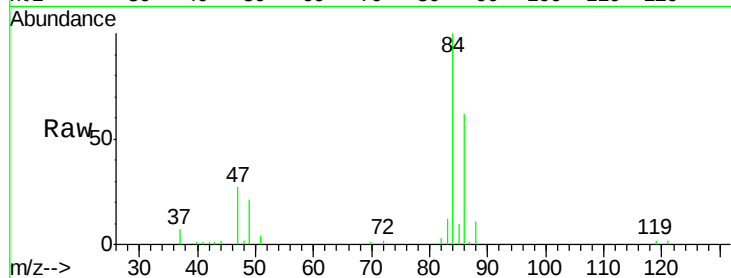




#25
Chloroform
Concen: 0.207 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

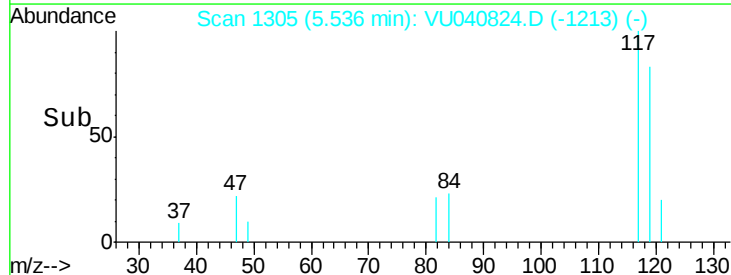
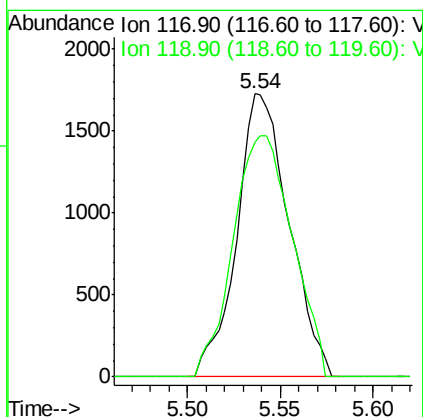
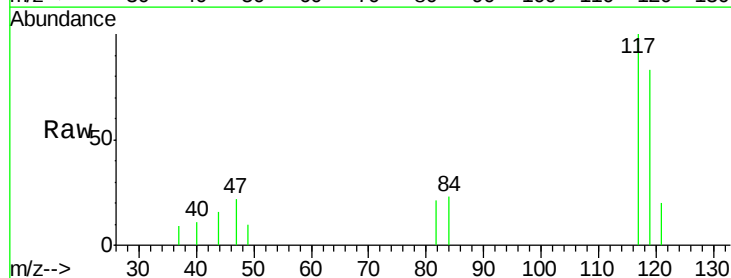
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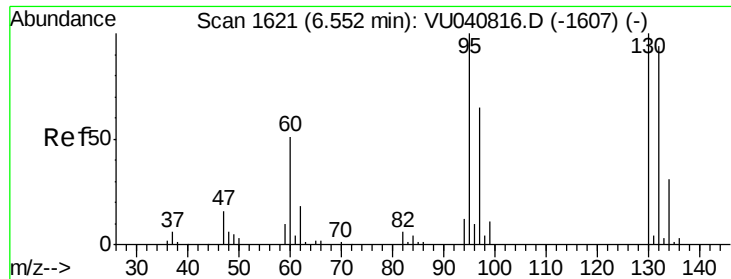
Tot Ion: 83 Resp: 3644
Ion Ratio Lower Upper
83 100
85 81.0 46.5 86.5



#31
Carbon tetrachloride
Concen: 0.253 ug/L
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion: 117 Resp: 3391
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.2

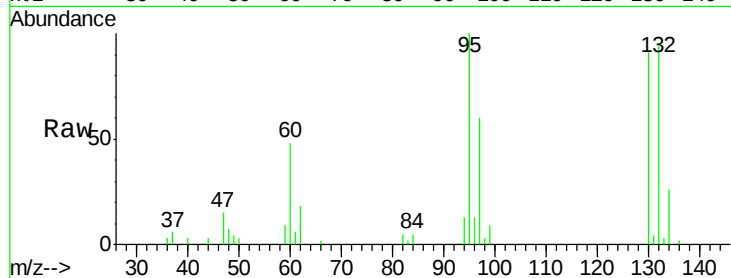




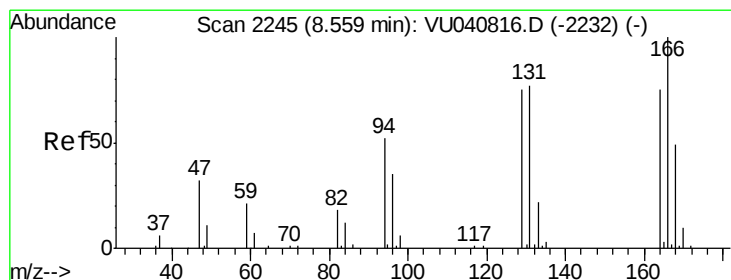
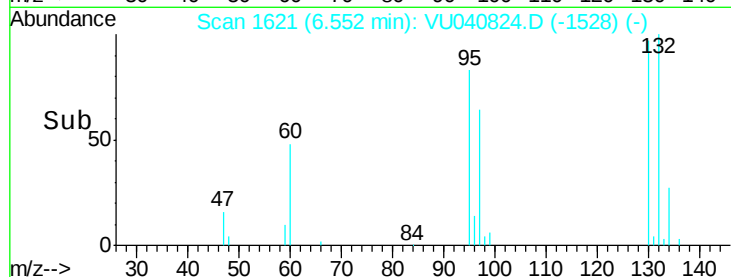
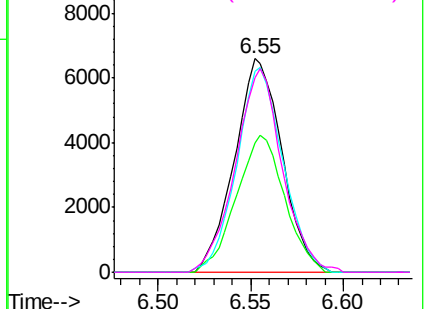
#34
 Trichloroethene
 Concen: 1.209 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040824.D
 Acq: 19 Oct 2020 23:28

Instrument :
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Tot Ion: 95 Resp: 11743
 Ion Ratio Lower Upper
 95 100
 97 60.4 45.5 84.5
 132 93.8 67.5 125.4
 130 91.4 69.9 129.9

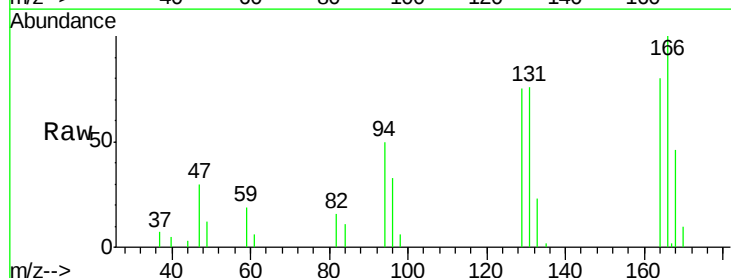


Abundance Ion 95.00 (94.70 to 95.70): VU040824.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU040824.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU040824.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU040824.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 1.000 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU040824.D
 Acq: 19 Oct 2020 23:28

Tgt Ion: 164 Resp: 6930
 Ion Ratio Lower Upper
 164 100
 129 94.0 68.8 127.8
 131 95.5 66.7 123.9
 166 125.5 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): VU040824.D (-2152) (-)
 Ion 128.95 (128.65 to 129.65): VU040824.D (-2152) (-)
 Ion 130.95 (130.65 to 131.65): VU040824.D (-2152) (-)
 Ion 165.90 (165.60 to 166.60): VU040824.D (-2152) (-)

