

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041142.D
 Acq On : 09 Nov 2020 15:46
 Operator : SY/MD
 Sample : L4648-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2

Quant Time: Nov 10 01:51:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	55188	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15835	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.92	69	14872	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.58	63	25242	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.65	46	81220	53.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	5.08	84	42670	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.72	65	26901	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.75	84	71006	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.70	67	25891	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.91	98	58826	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.19	79	9735	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	60581	51.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23221	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	25055	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

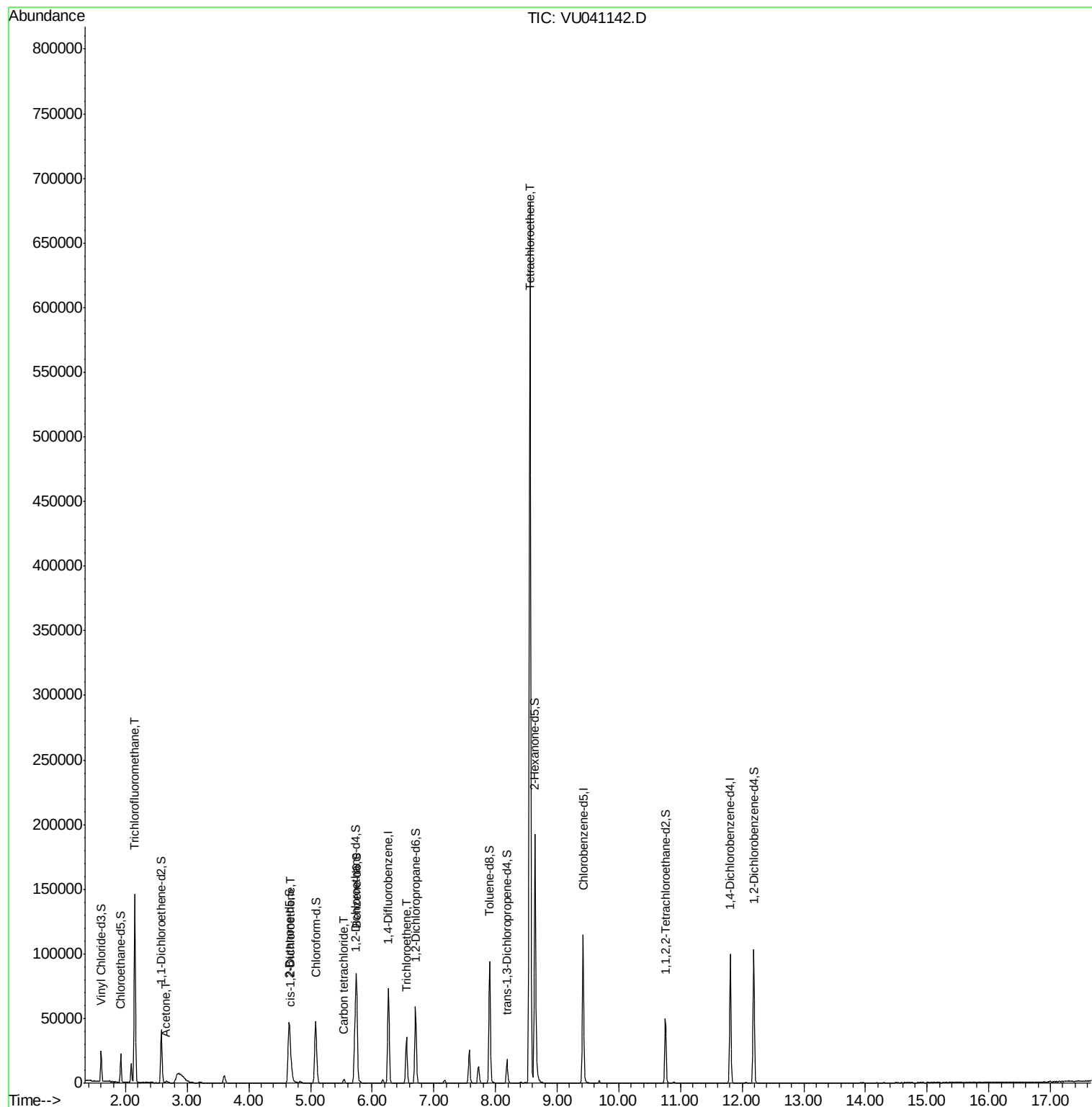
					Ovalue
9) Trichlorofluoromethane	2.15	101	91396	12.973	ug/L 98
13) Acetone	2.66	43	2414	2.313	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	1871	0.458	ug/L 99
31) Carbon tetrachloride	5.54	117	1748	0.279	ug/L 93
34) Trichloroethene	6.56	95	11679	2.650	ug/L 97
47) Tetrachloroethene	8.56	164	136316	42.071	ug/L 97

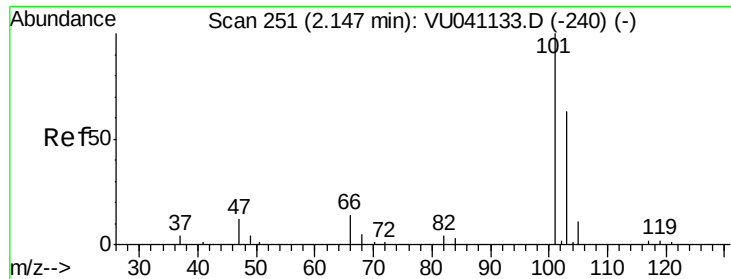
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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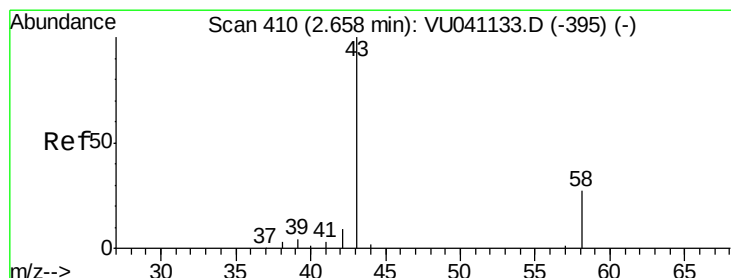
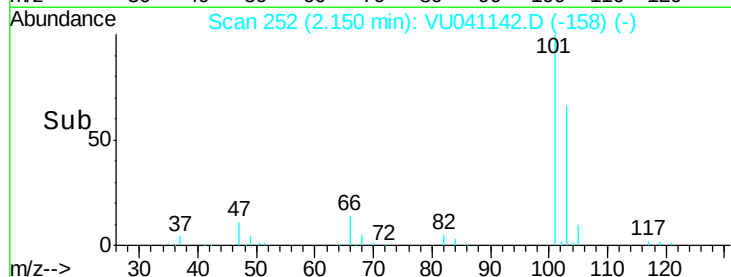
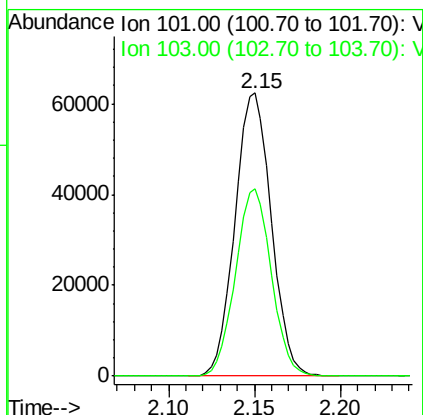
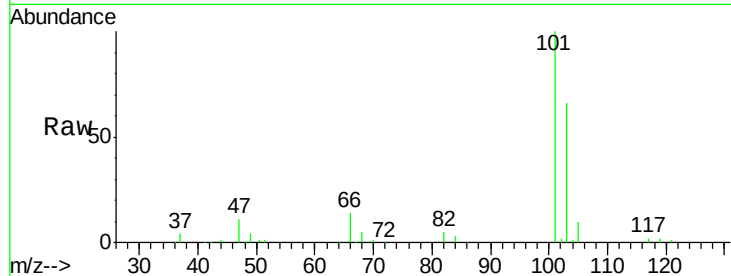


#9

Trichlorofluoromethane
 Concen: 12.973 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU041142.D
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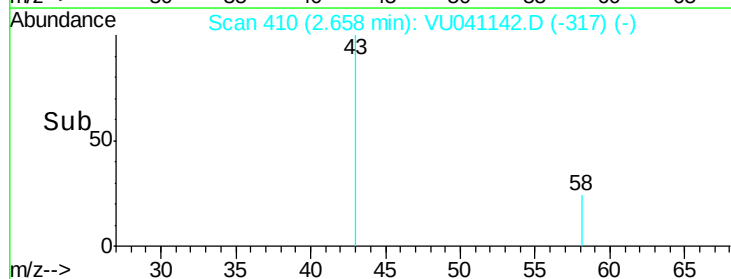
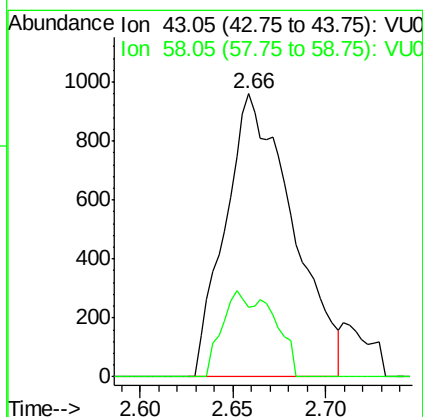
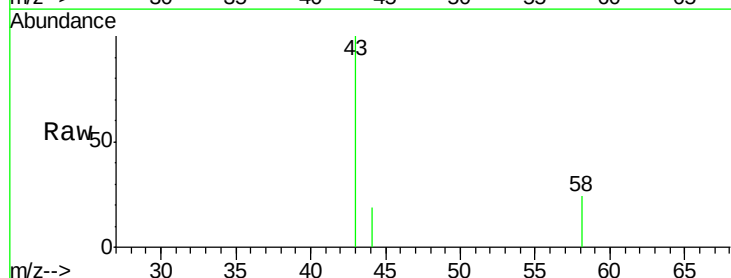
Tot Ion:101 Resp: 91396
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.4

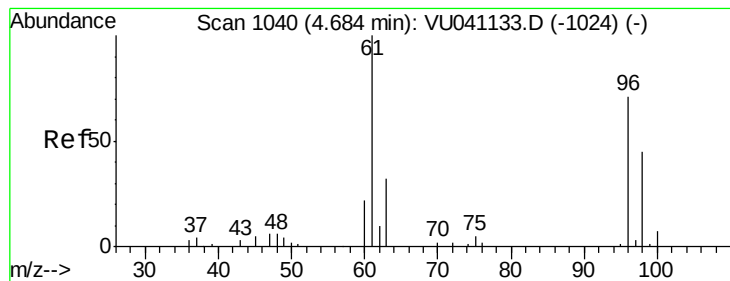


#13

Acetone
 Concen: 2.313 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU041142.D
 Acq: 09 Nov 2020 15:46

Tgt Ion: 43 Resp: 2414
 Ion Ratio Lower Upper
 43 100
 58 11.9 0.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 0.458 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041142.D

Acq: 09 Nov 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

C0AB2

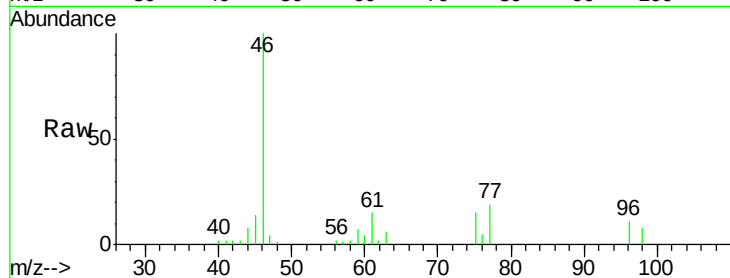
Tot Ion: 96 Resp: 1871

Ion Ratio Lower Upper

96 100

61 137.2 97.2 180.4

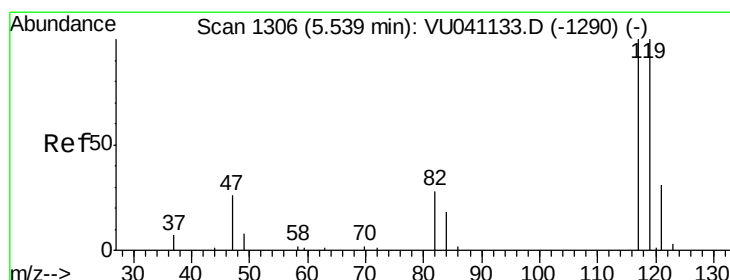
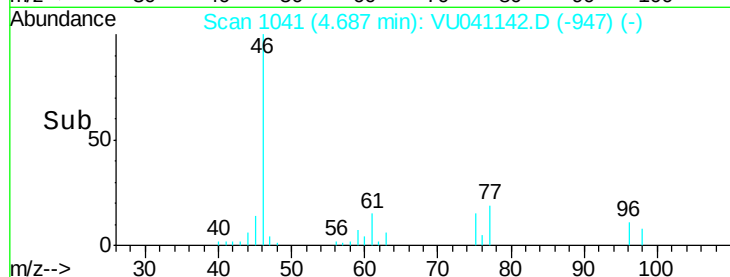
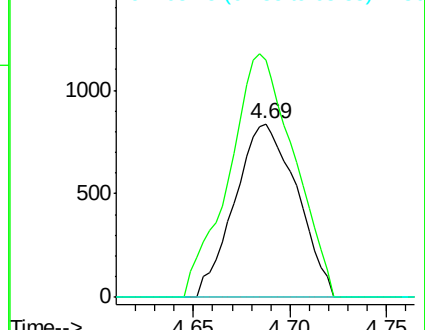
68 0.0 0.0 0.0



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



#31

Carbon tetrachloride

Concen: 0.279 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VU041142.D

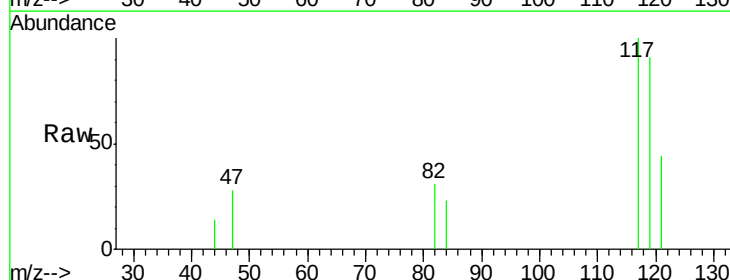
Acq: 09 Nov 2020 15:46

Tgt Ion: 117 Resp: 1748

Ion Ratio Lower Upper

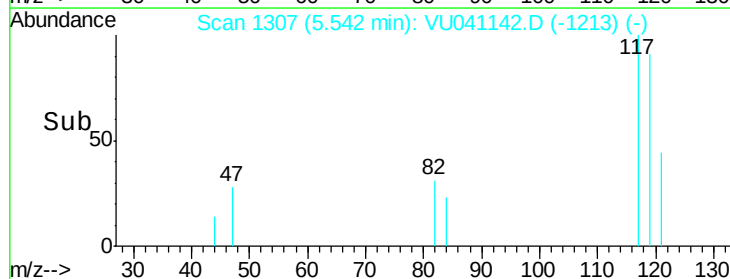
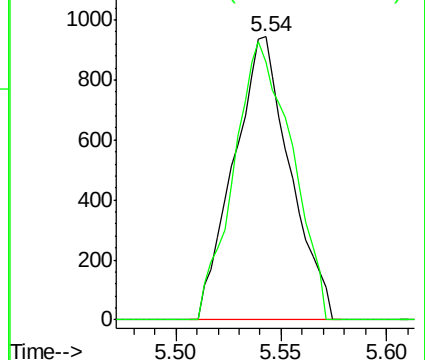
117 100

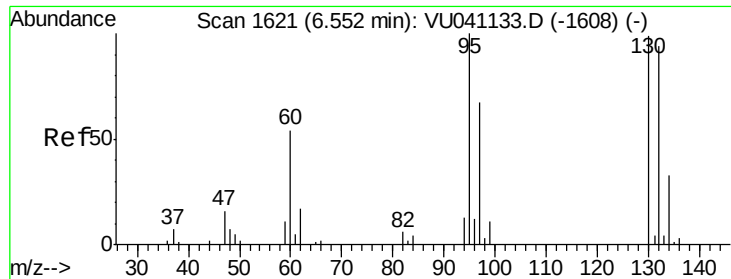
119 101.7 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

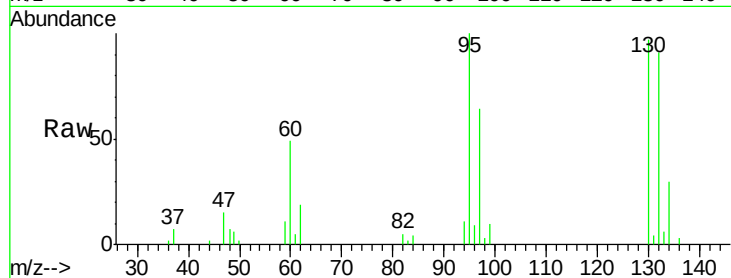




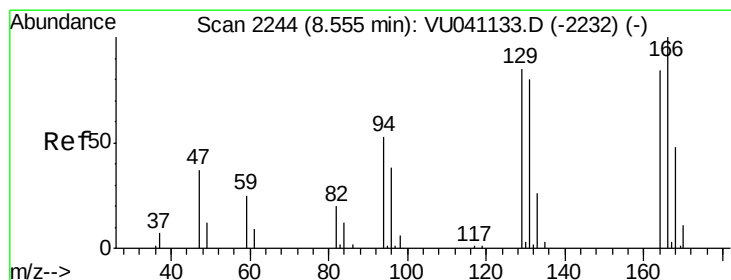
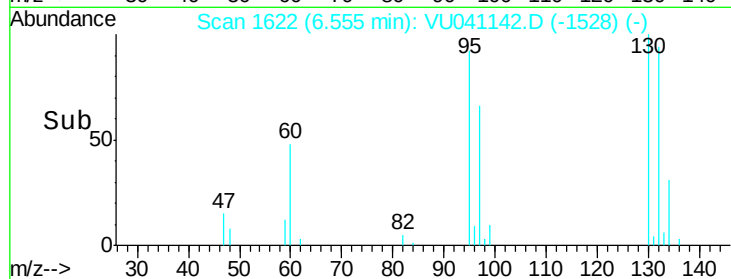
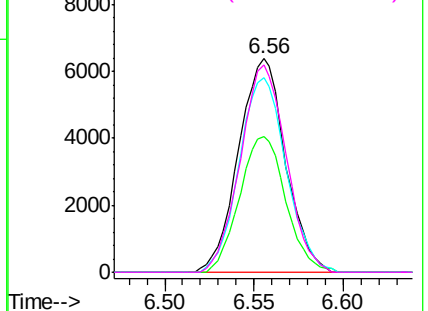
#34
 Trichloroethene
 Concen: 2.650 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041142.D
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Tot Ion: 95 Resp: 11679
 Ion Ratio Lower Upper
 95 100
 97 63.7 45.6 84.6
 132 91.3 64.8 120.4
 130 96.8 64.8 120.4

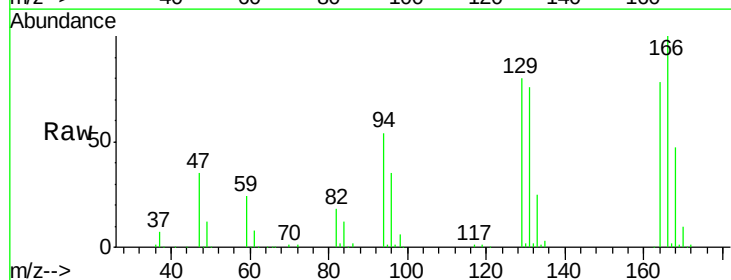


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 42.071 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041142.D
 Acq: 09 Nov 2020 15:46

Tgt Ion: 164 Resp: 136316
 Ion Ratio Lower Upper
 164 100
 129 103.2 70.3 130.7
 131 97.7 70.8 131.4
 166 129.0 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

