

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041945.D
 Acq On : 12 Jan 2021 01:24
 Operator : SY/MD
 Sample : M1049-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ5DL

Quant Time: Jan 12 07:20:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 05:50:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45913	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45441	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	42804	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.58	63	68613	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.66	46	150319	57.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.62%
24) Chloroform-d	5.08	84	85275	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	48232	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.74	84	160012	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	52538	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.90	98	132462	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	19486	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	123601	57.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47754	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47890	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

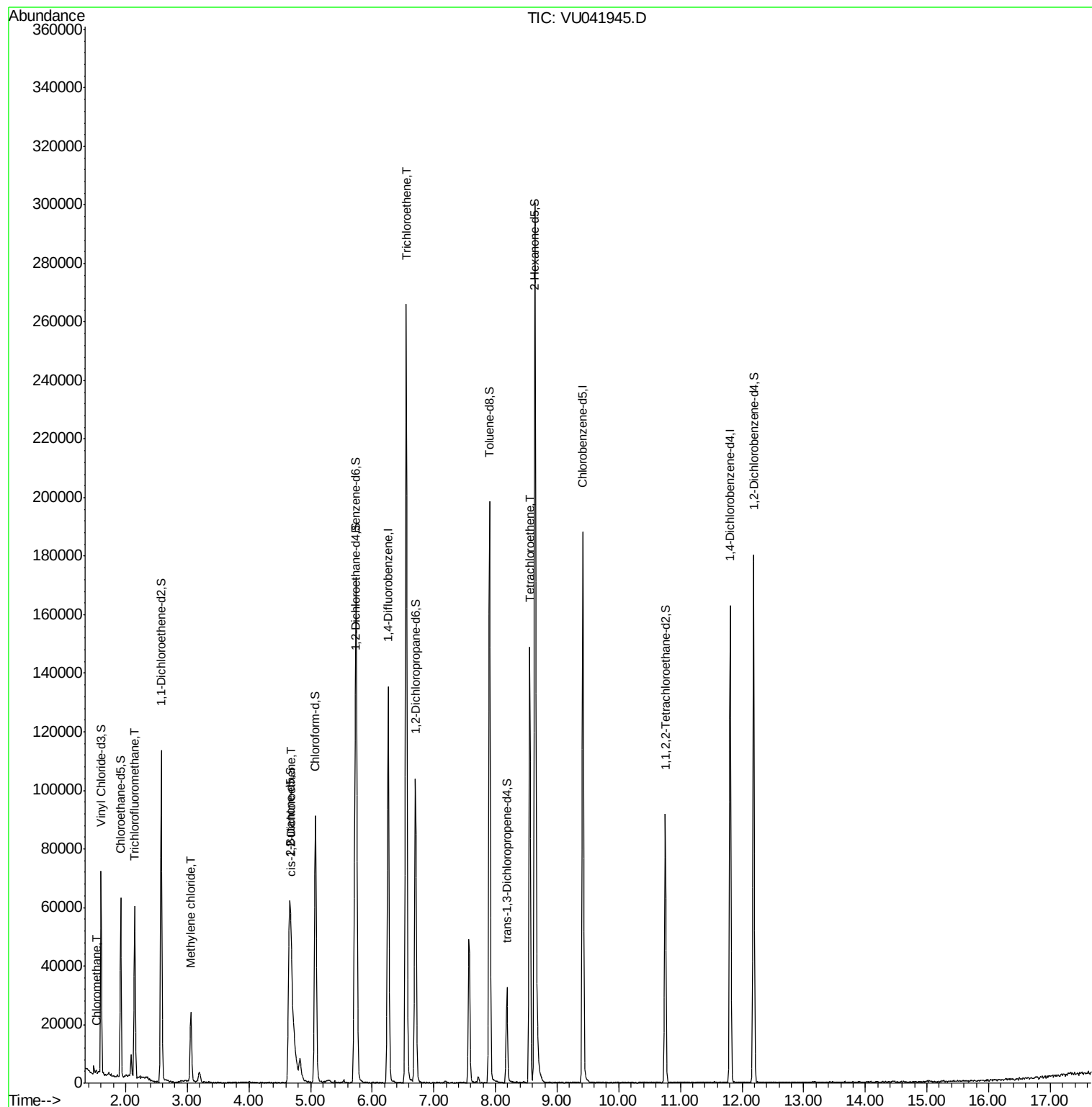
					Ovalue
3) Chloromethane	1.52	50	560	0.048 ug/L	90
9) Trichlorofluoromethane	2.15	101	37574	2.296 ug/L	98
16) Methylene chloride	3.06	84	10835	0.995 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	3626	0.404 ug/L	93
34) Trichloroethene	6.55	95	91479	9.907 ug/L	99
47) Tetrachloroethene	8.56	164	33358	5.192 ug/L	96

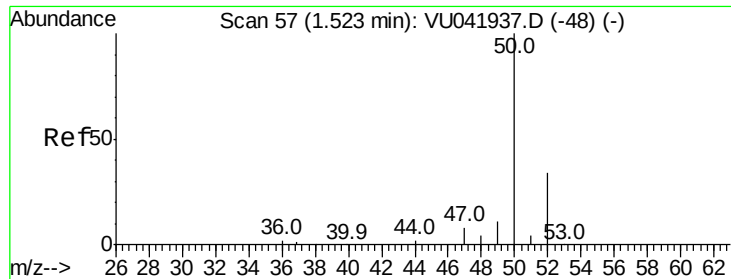
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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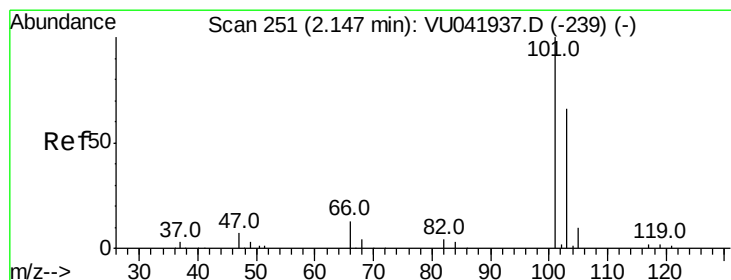
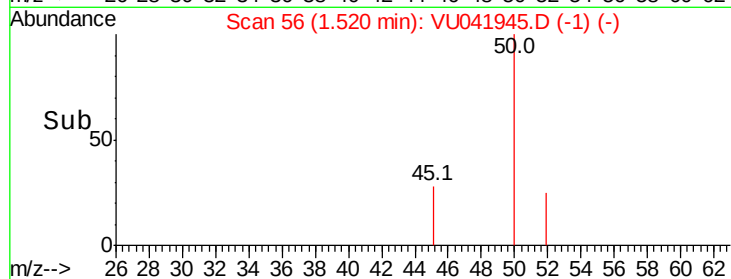
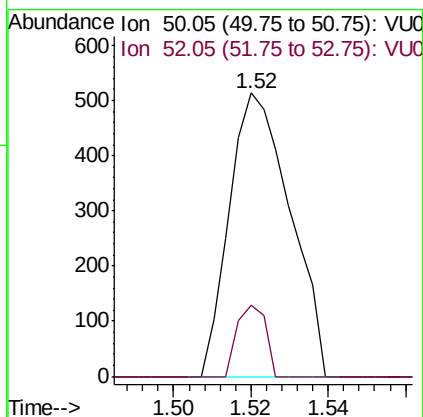
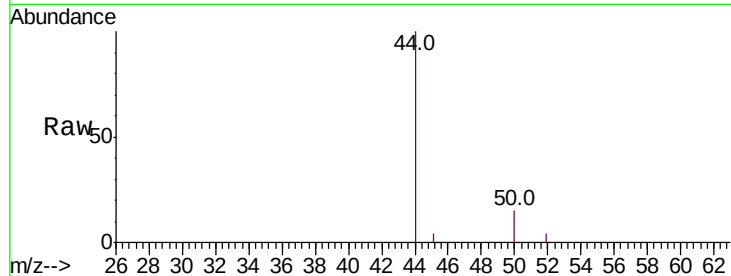




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.52 min Scan# 56
Delta R.T. -0.00 min
Lab File: VU041945.D
Acq: 12 Jan 2021 01:24

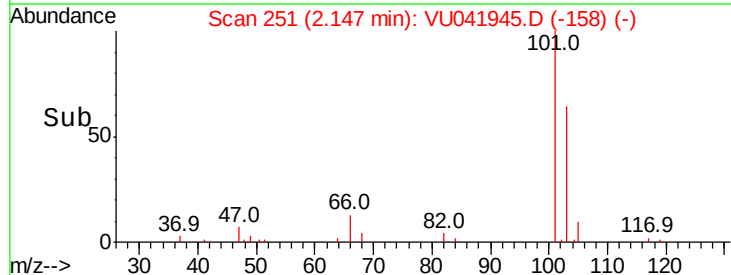
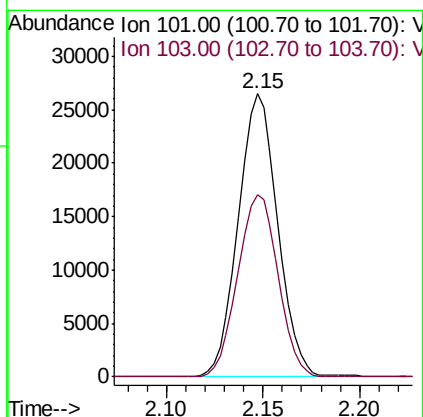
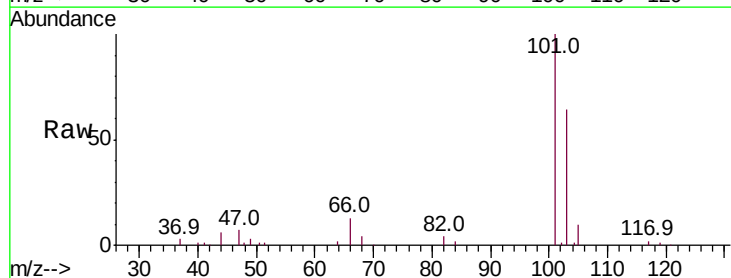
Instrument :
MSVOA_U
ClientSampleId :
C0AQ5DL

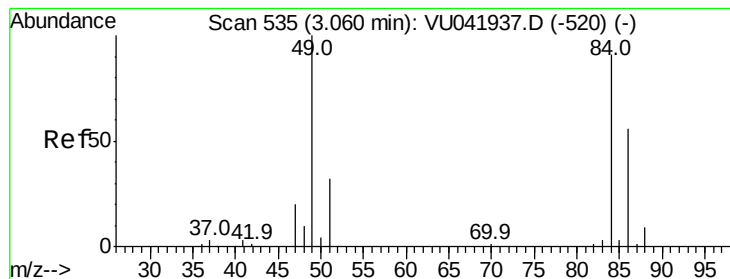
Tot Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 25.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 2.296 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU041945.D
Acq: 12 Jan 2021 01:24

Tgt Ion:101 Resp: 37574
Ion Ratio Lower Upper
101 100
103 65.8 51.3 76.9





#16

Methylene chloride

Concen: 0.995 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041945.D

Acq: 12 Jan 2021 01:24

Instrument :

MSVOA_U

ClientSampleId :

C0AQ5DL

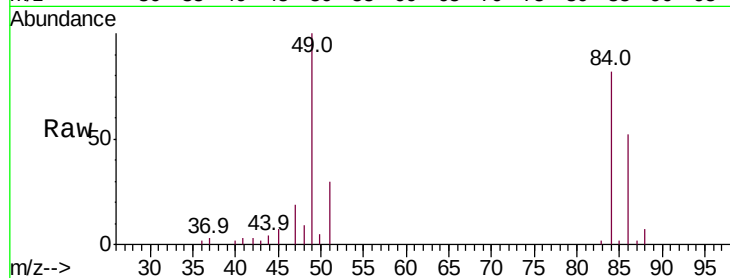
Tot Ion: 84 Resp: 10835

Ion Ratio Lower Upper

84 100

86 64.1 43.5 80.7

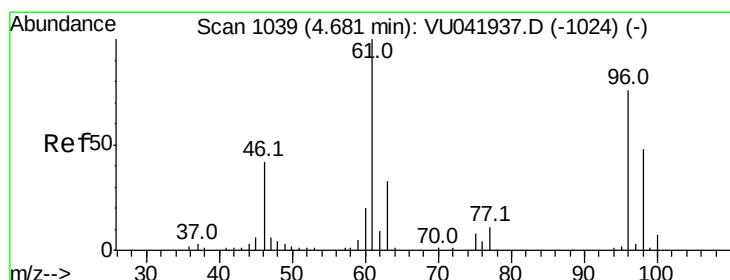
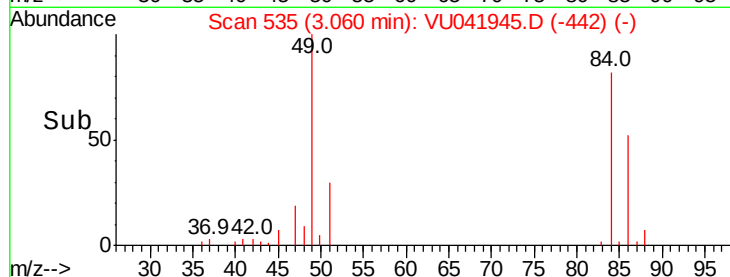
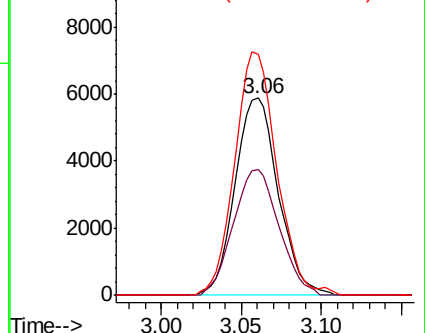
49 122.1 81.8 151.8



Abundance Ion 84.05 (83.75 to 84.75): VU041937.D (-520) (-)

Ion 86.00 (85.70 to 86.70): VU041937.D (-520) (-)

Ion 49.10 (48.80 to 49.80): VU041937.D (-520) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.404 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU041945.D

Acq: 12 Jan 2021 01:24

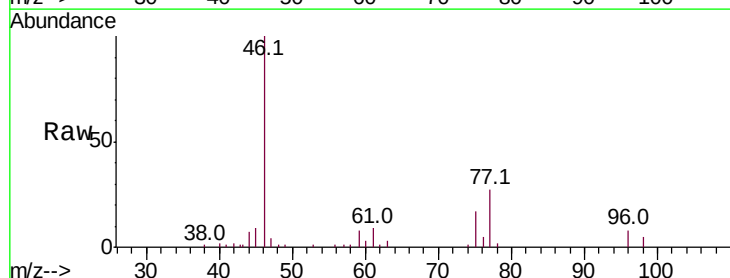
Tgt Ion: 96 Resp: 3626

Ion Ratio Lower Upper

96 100

61 121.2 90.3 167.7

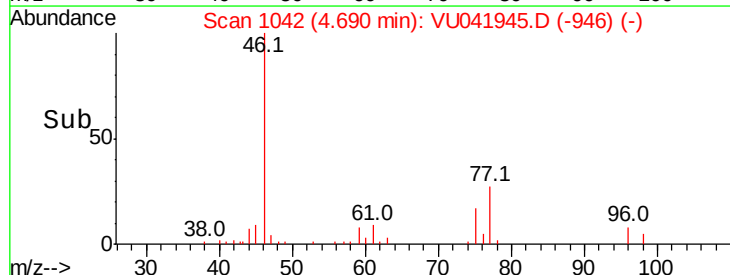
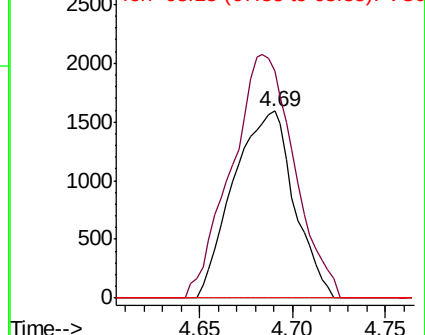
68 0.0 0.0 0.0

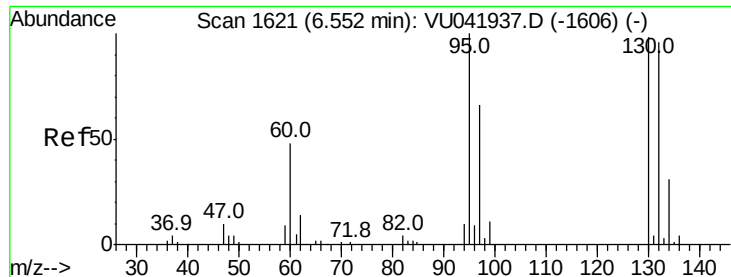


Abundance Ion 96.00 (95.70 to 96.70): VU041937.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU041937.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU041937.D (-1024) (-)

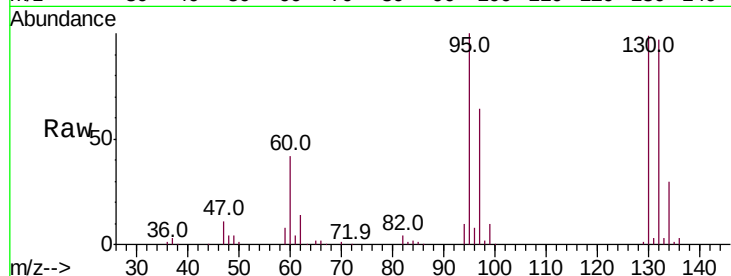




#34
 Trichloroethene
 Concen: 9.907 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041945.D
 Acq: 12 Jan 2021 01:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ5DL

Tot Ion:	95	Resp:	91479
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.2	84.0
132	96.9	68.7	127.5
130	98.6	68.0	126.4



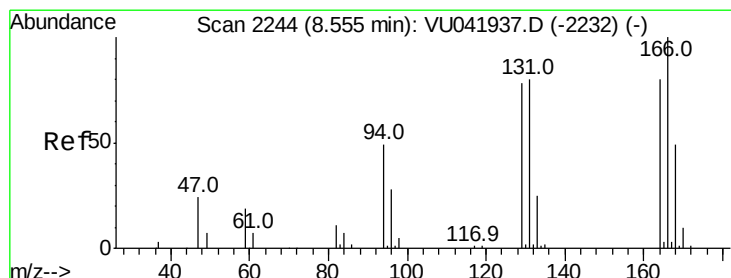
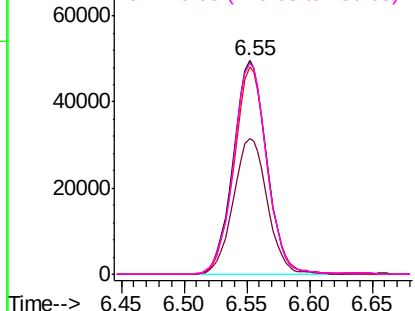
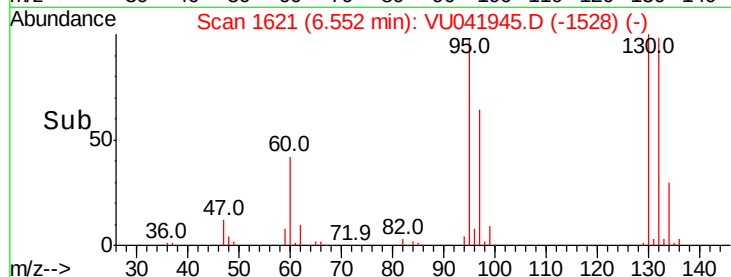
Abundance

Ion 95.00 (94.70 to 95.70): VU041945.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU041945.D (-1528) (-)

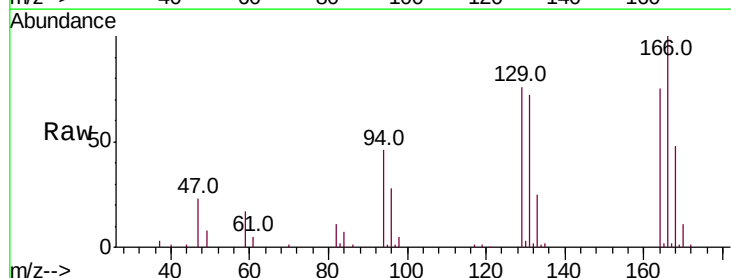
Ion 131.95 (131.65 to 132.65): VU041945.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU041945.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 5.192 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU041945.D
 Acq: 12 Jan 2021 01:24

Tgt Ion:	164	Resp:	33358
Ion	Ratio	Lower	Upper
164	100		
129	101.3	69.2	128.6
131	95.3	69.7	129.5
166	133.0	89.2	165.8



Abundance

Ion 163.90 (163.60 to 164.60): VU041945.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU041945.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU041945.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU041945.D (-2151) (-)

