

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041954.D
 Acq On : 12 Jan 2021 04:59
 Operator : SY/MD
 Sample : M1027-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXL1

Quant Time: Jan 12 06:48:56 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	104922	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49113	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.92	69	47269	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.58	63	71193	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.65	46	178071	72.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.92%#
24) Chloroform-d	5.08	84	98310	6.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.00%
26) 1,2-Dichloroethane-d4	5.72	65	53953	6.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.00%
32) Benzene-d6	5.74	84	179597	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	6.70	67	58240	6.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.80%
41) Toluene-d8	7.91	98	138012	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.18	79	22603	5.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.40%
46) 2-Hexanone-d5	8.64	63	145296	71.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.80%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51213	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47782	6.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.20%#

Target Compounds

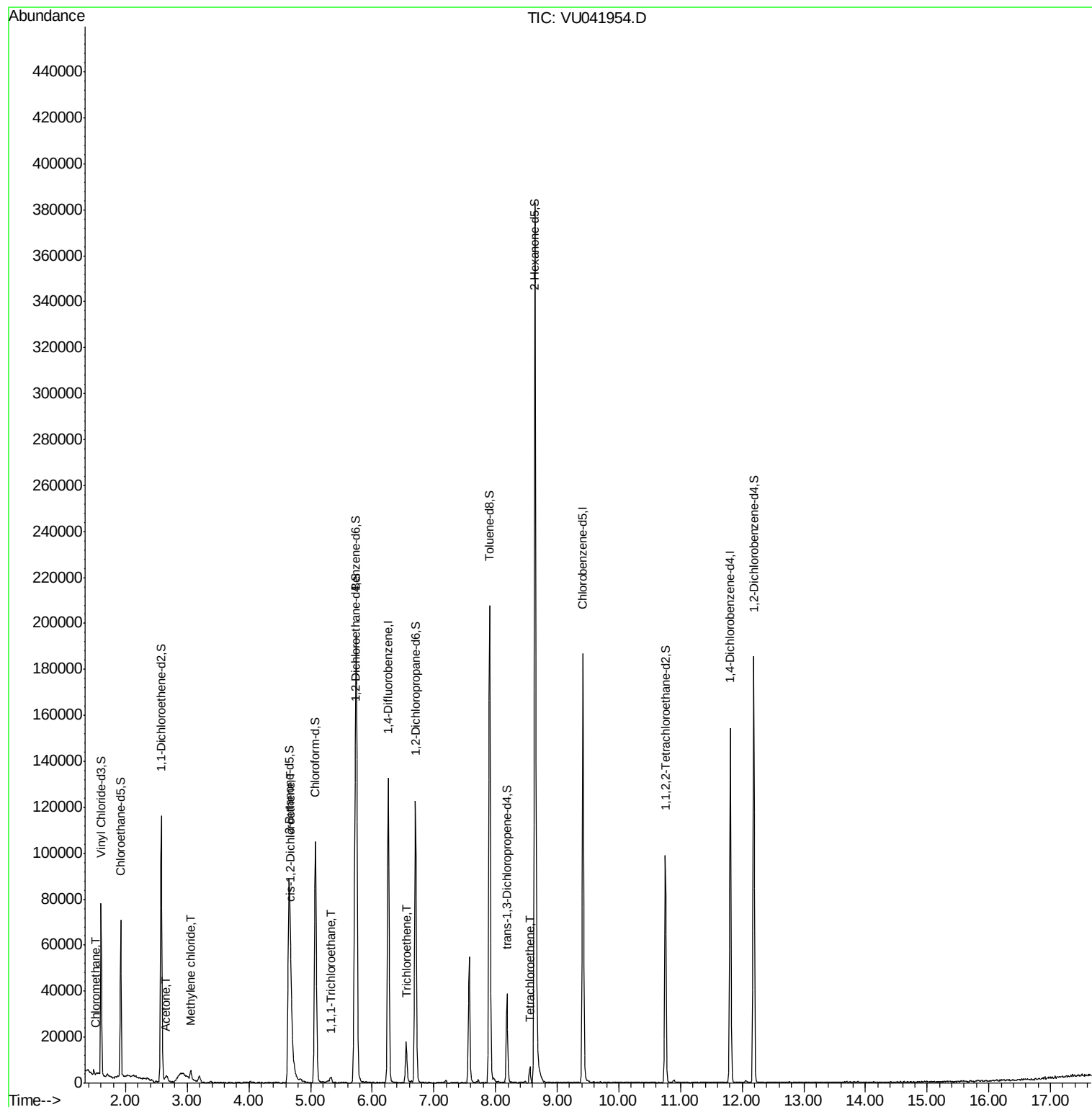
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	645	0.058	ug/L	97
13) Acetone	2.66	43	4321	2.707	ug/L #	39
16) Methylene chloride	3.06	84	1620	0.157	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	1173	0.138	ug/L	84
29) 1,1,1-Trichloroethane	5.33	97	2141	0.158	ug/L #	38
34) Trichloroethene	6.55	95	6278	0.715	ug/L	91
47) Tetrachloroethene	8.56	164	1581	0.259	ug/L	93

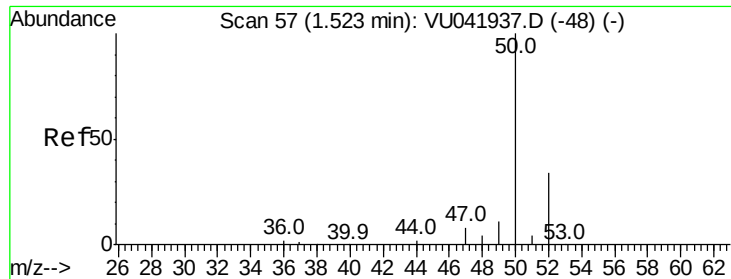
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.058 ug/L

RT: 1.52 min Scan# 56

Delta R.T. -0.00 min

Lab File: VU041954.D

Acq: 12 Jan 2021 04:59

Instrument :

MSVOA_U

ClientSampleId :

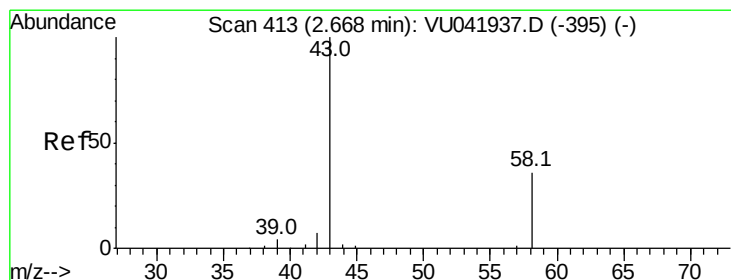
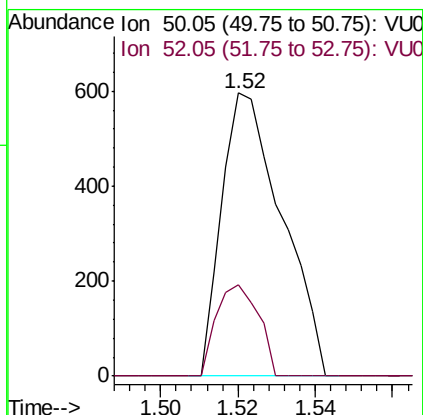
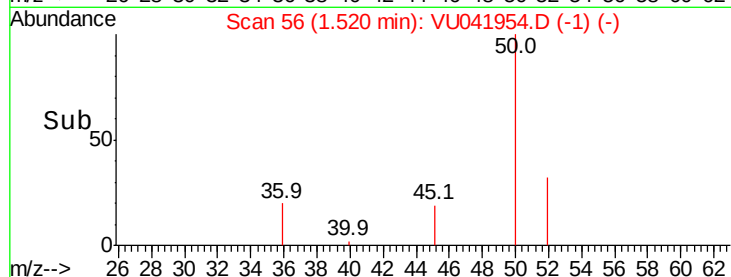
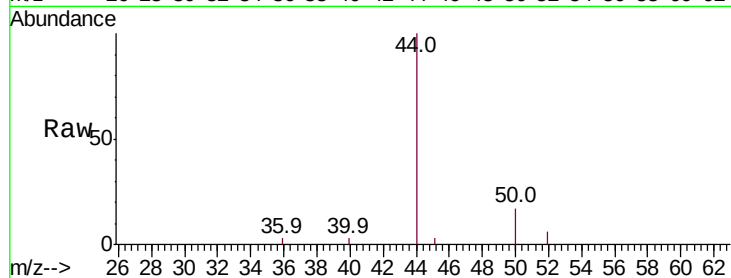
BFXL1

Tot Ion: 50 Resp: 645

Ion Ratio Lower Upper

50 100

52 32.4 21.4 39.8



#13

Acetone

Concen: 2.707 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU041954.D

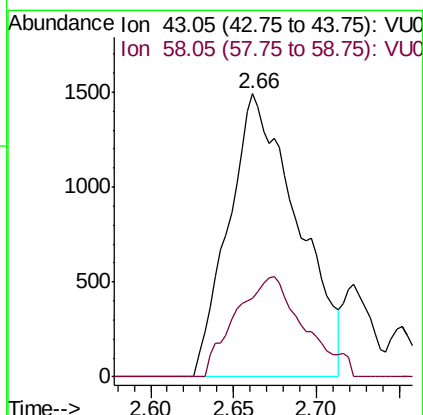
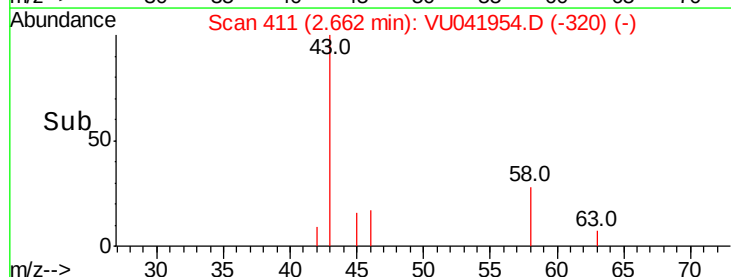
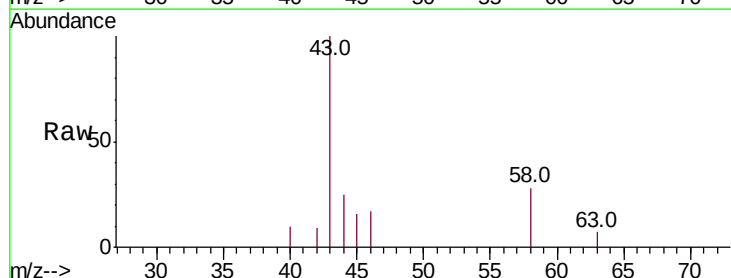
Acq: 12 Jan 2021 04:59

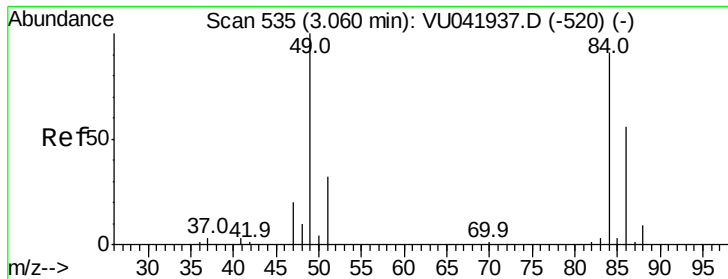
Tgt Ion: 43 Resp: 4321

Ion Ratio Lower Upper

43 100

58 35.2 0.0 23.6#

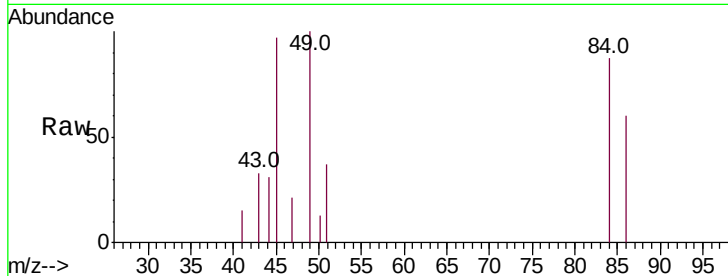




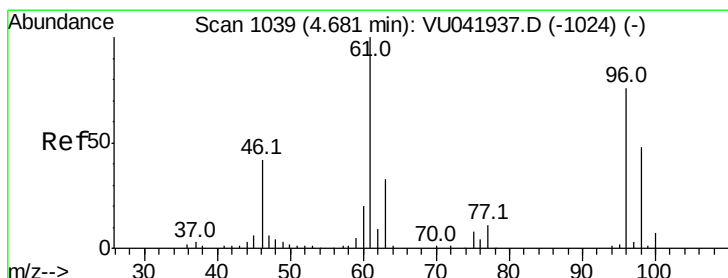
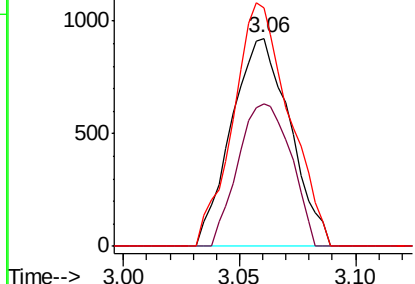
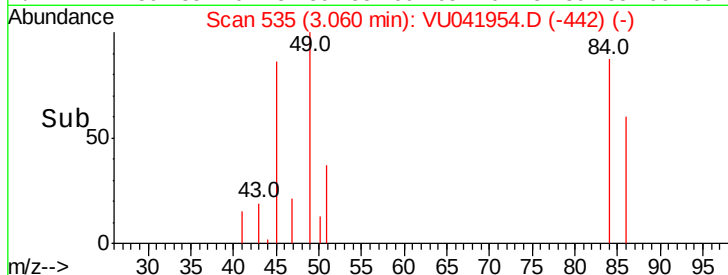
#16
Methylene chloride
Concen: 0.157 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041954.D
Acq: 12 Jan 2021 04:59

Instrument :
MSVOA_U
ClientSampleId :
BFXL1

Tot Ion: 84 Resp: 1620
Ion Ratio Lower Upper
84 100
86 68.5 43.5 80.7
49 114.4 81.8 151.8

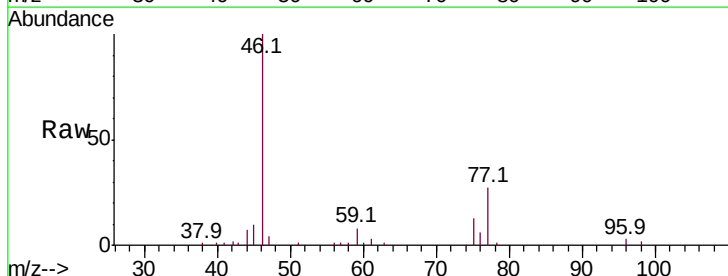


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

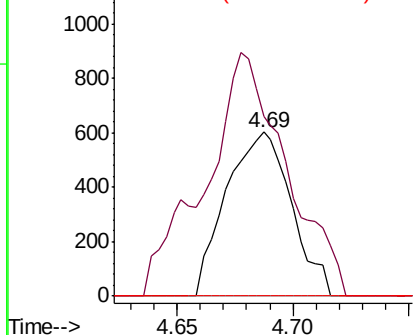
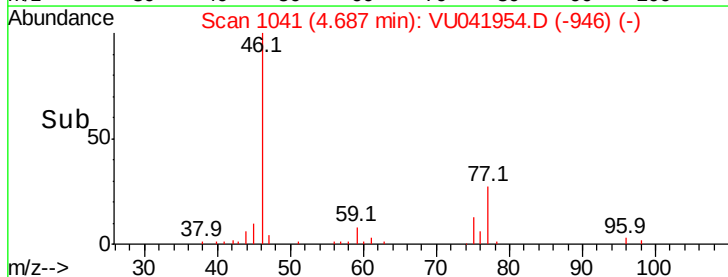


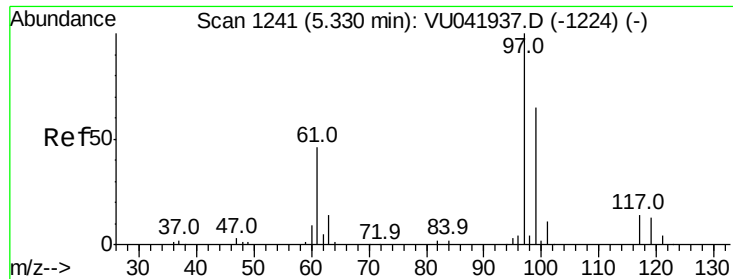
#22
cis-1,2-Dichloroethene
Concen: 0.138 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041954.D
Acq: 12 Jan 2021 04:59

Tgt Ion: 96 Resp: 1173
Ion Ratio Lower Upper
96 100
61 110.0 90.3 167.7
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

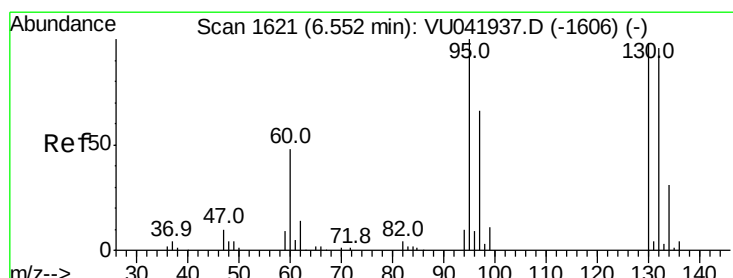
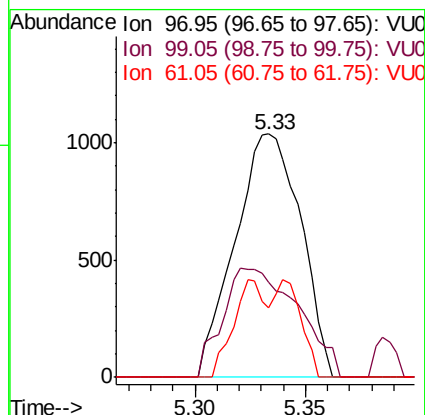
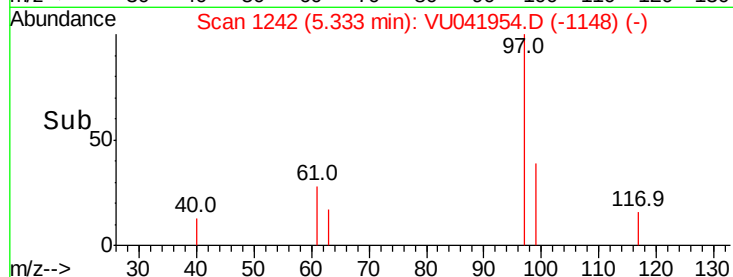
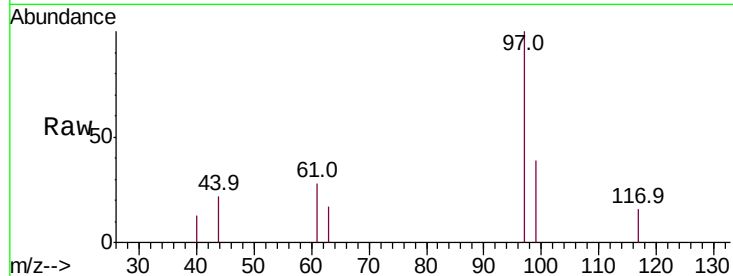




#29
1,1,1-Trichloroethane
Concen: 0.158 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU041954.D
Acq: 12 Jan 2021 04:59

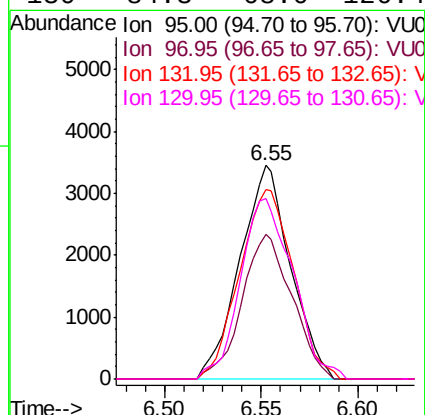
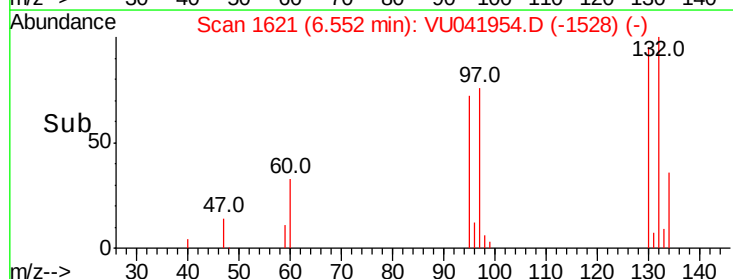
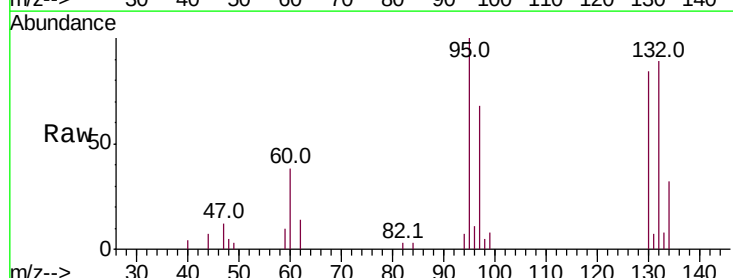
Instrument :
MSVOA_U
ClientSampled :
BFXL1

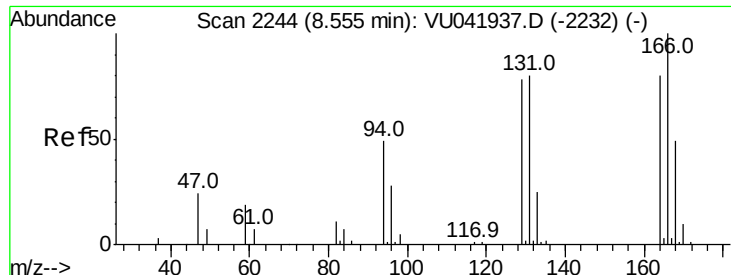
Tot Ion: 97 Resp: 2141
Ion Ratio Lower Upper
97 100
99 5.0 51.4 77.2#
61 16.1 35.3 52.9#



#34
Trichloroethene
Concen: 0.715 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041954.D
Acq: 12 Jan 2021 04:59

Tgt Ion: 95 Resp: 6278
Ion Ratio Lower Upper
95 100
97 67.6 45.2 84.0
132 88.7 68.7 127.5
130 84.3 68.0 126.4





#47

Tetrachloroethene

Concen: 0.259 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041954.D

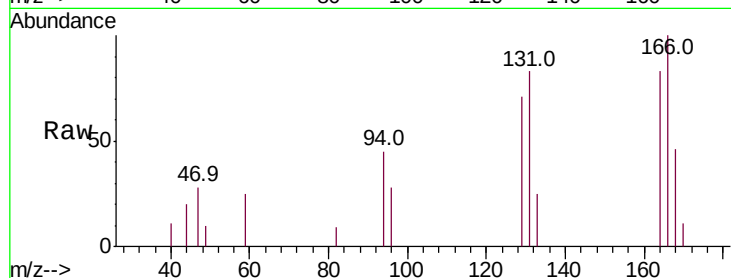
Acq: 12 Jan 2021 04:59

Instrument :

MSVOA_U

ClientSampleId :

BFXL1



Tot Ion:164 Resp: 1581

Ion Ratio Lower Upper

164 100

129 85.3 69.2 128.6

131 100.2 69.7 129.5

166 120.2 89.2 165.8

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

