

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041884.D
 Acq On : 07 Jan 2021 19:52
 Operator : SY/MD
 Sample : M1026-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ9

Quant Time: Jan 08 06:40:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 08 04:58:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	138799	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41578	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.92	69	43935	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	63923	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.65	46	172409	55.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.62%
24) Chloroform-d	5.08	84	99853	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.72	65	56251	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.74	84	188030	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	60685	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.90	98	149308	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.19	79	24402	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	146687	49.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54164	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	59626	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

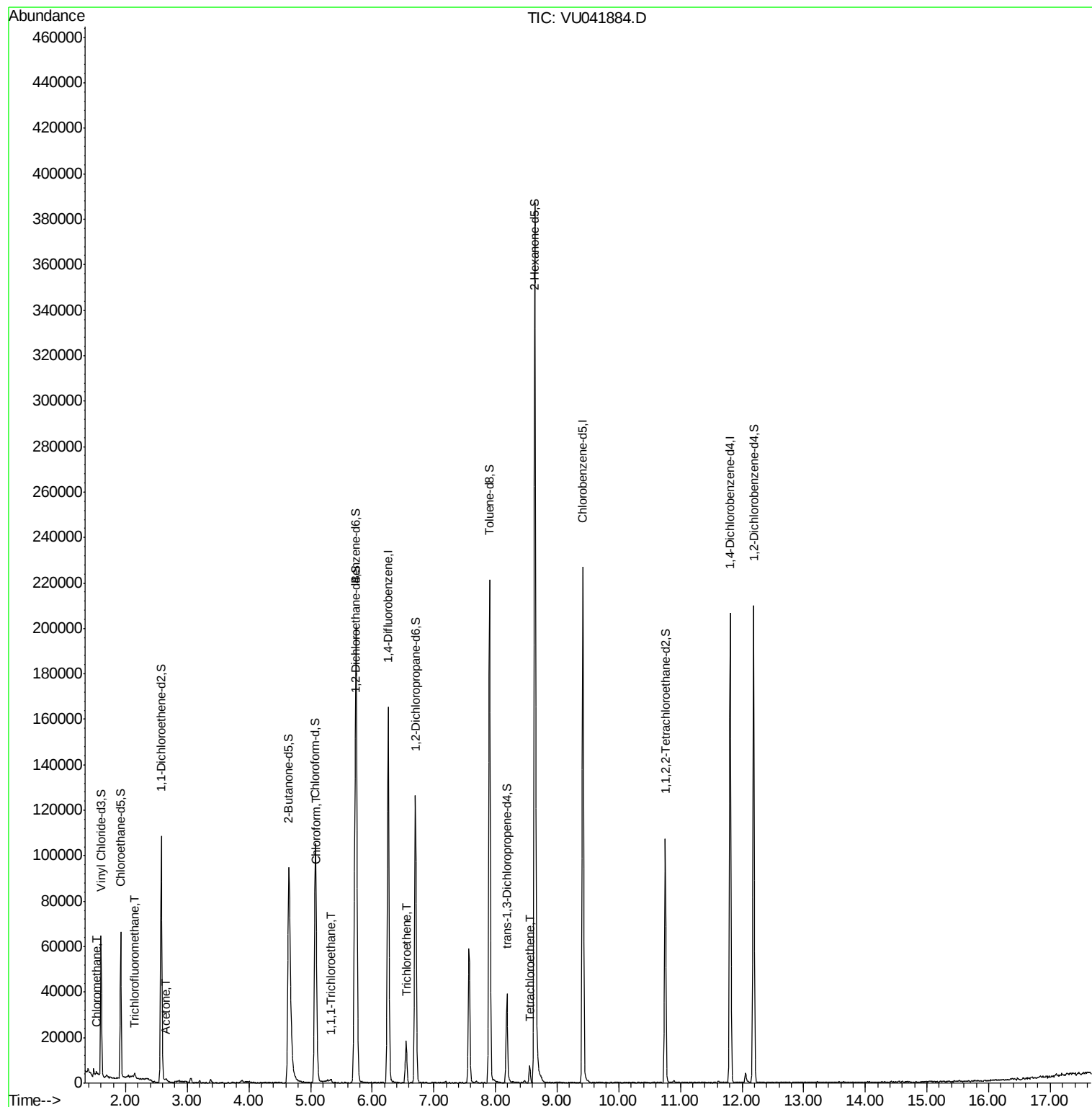
					Qvalue
3) Chloromethane	1.52	50	1039	0.091 ug/L	96
9) Trichlorofluoromethane	2.14	101	1414	0.089 ug/L	97
13) Acetone	2.65	43	2624	1.323 ug/L	76
25) Chloroform	5.10	83	9702	0.529 ug/L	95
29) 1,1,1-Trichloroethane	5.33	97	1295	0.084 ug/L #	60
34) Trichloroethene	6.56	95	6540	0.608 ug/L	95
47) Tetrachloroethene	8.55	164	1562	0.208 ug/L	94

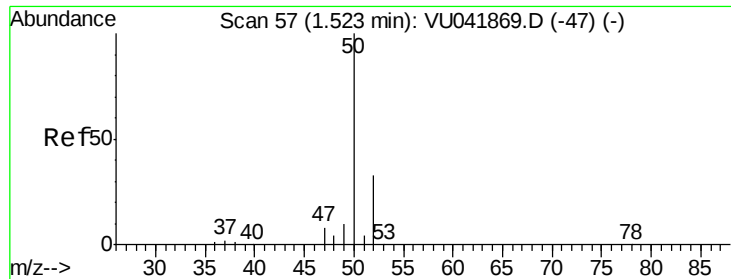
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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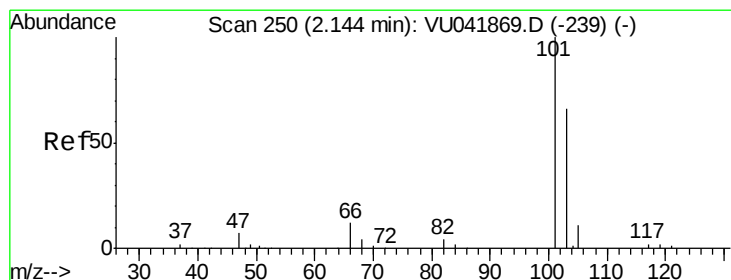
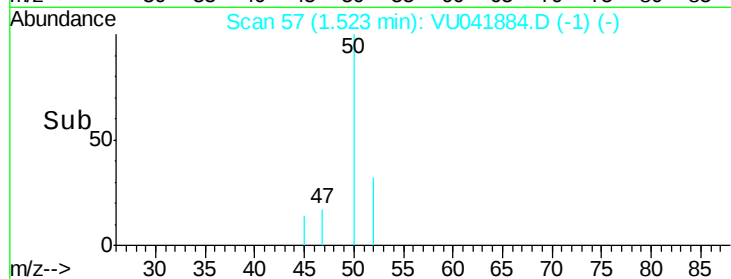
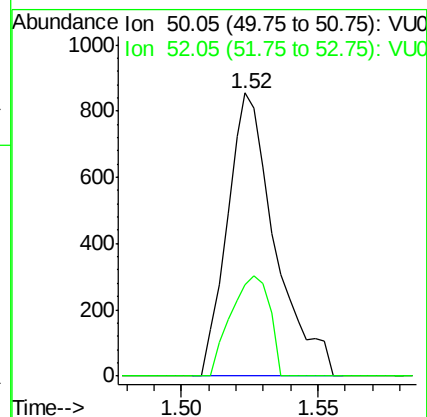
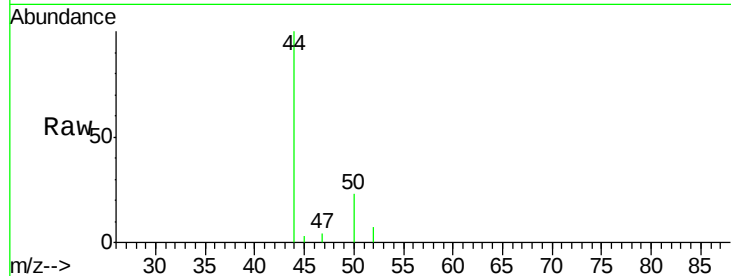




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.52 min Scan# 57
Delta R.T. 0.00 min
Lab File: VU041884.D
Acq: 07 Jan 2021 19:52

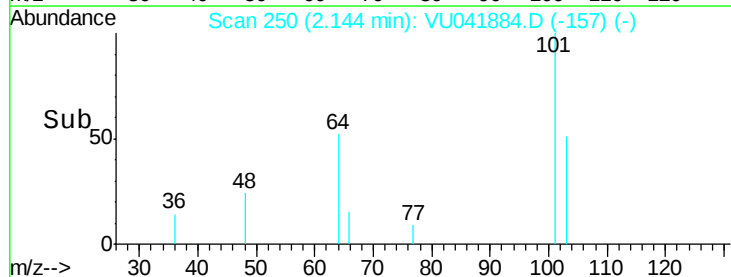
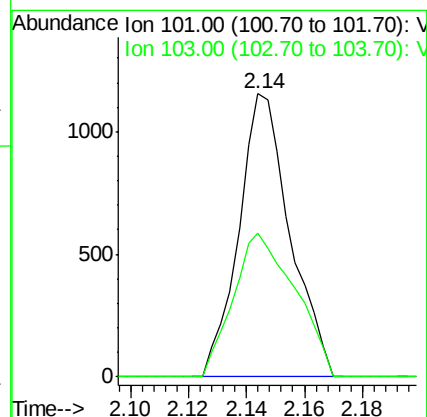
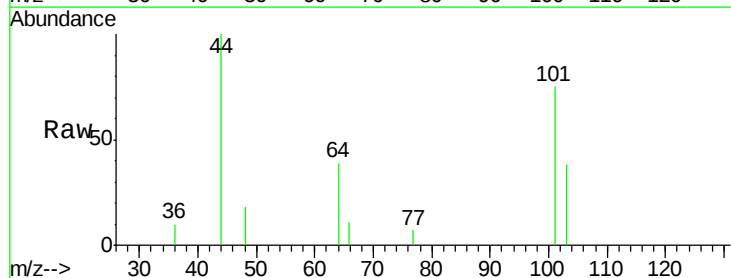
Instrument :
MSVOA_U
ClientSampleId :
BFXQ9

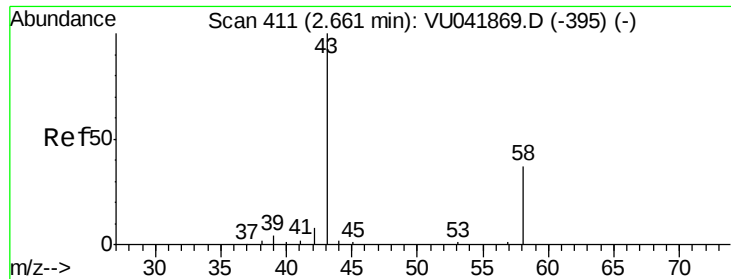
Tgt Ion: 50 Resp: 1039
Ion Ratio Lower Upper
50 100
52 32.1 24.1 44.8



#9
Trichlorofluoromethane
Concen: 0.089 ug/L
RT: 2.14 min Scan# 250
Delta R.T. 0.00 min
Lab File: VU041884.D
Acq: 07 Jan 2021 19:52

Tgt Ion: 101 Resp: 1414
Ion Ratio Lower Upper
101 100
103 61.2 51.1 76.7





#13

Acetone

Concen: 1.323 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU041884.D

Acq: 07 Jan 2021 19:52

Instrument :

MSVOA_U

ClientSampleId :

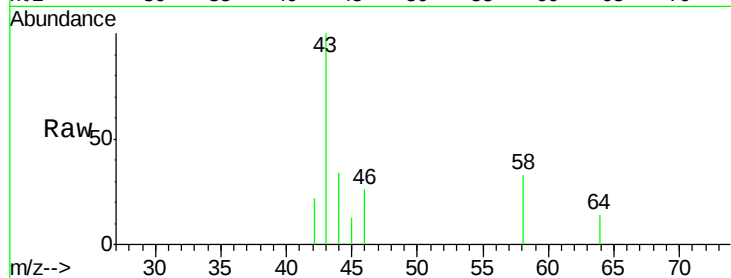
BFXQ9

Tgt Ion: 43 Resp: 2624

Ion Ratio Lower Upper

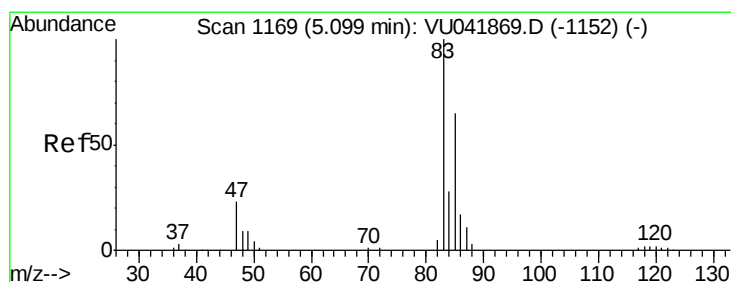
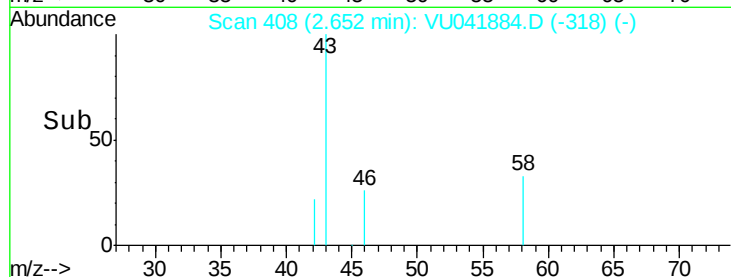
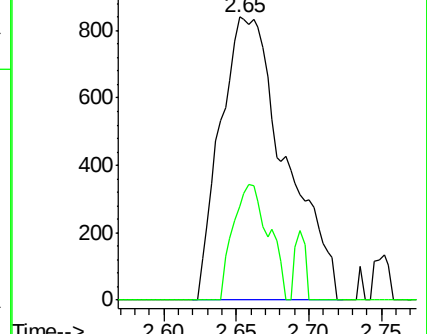
43 100

58 22.3 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.529 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU041884.D

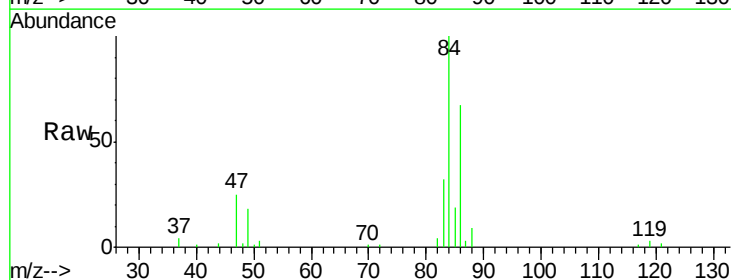
Acq: 07 Jan 2021 19:52

Tgt Ion: 83 Resp: 9702

Ion Ratio Lower Upper

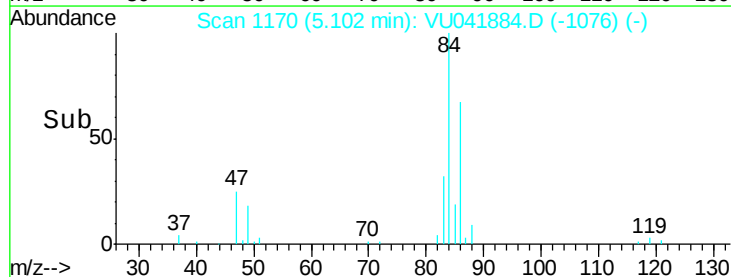
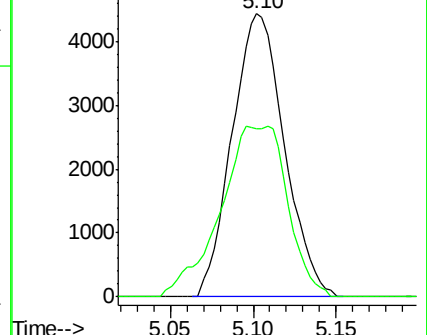
83 100

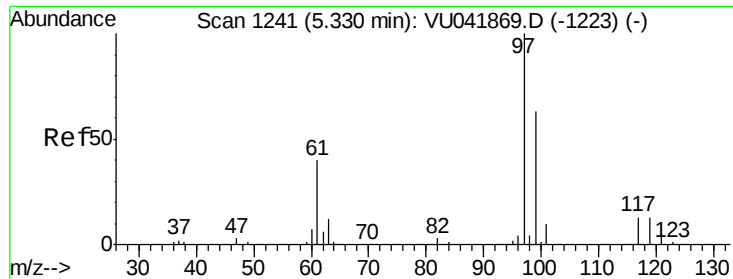
85 59.4 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

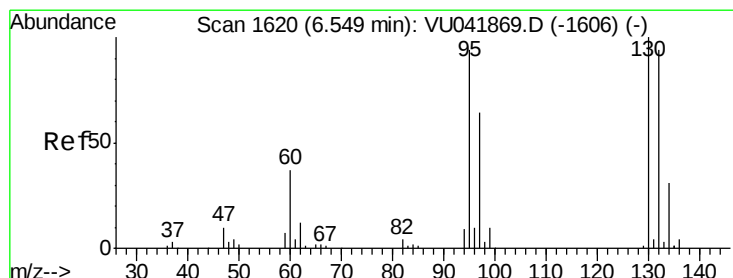
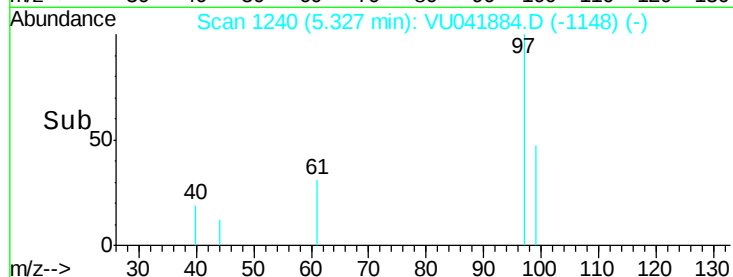
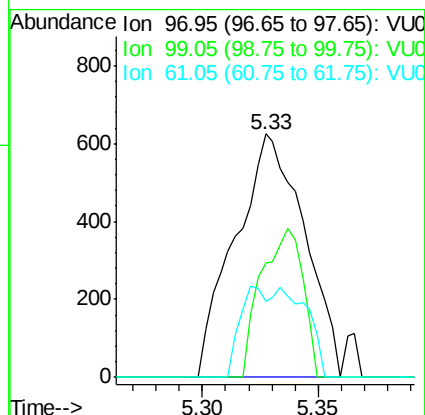
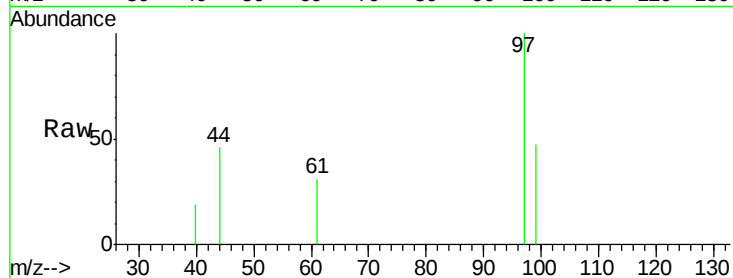




#29
 1,1,1-Trichloroethane
 Concen: 0.084 ug/L
 RT: 5.33 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VU041884.D
 Acq: 07 Jan 2021 19:52

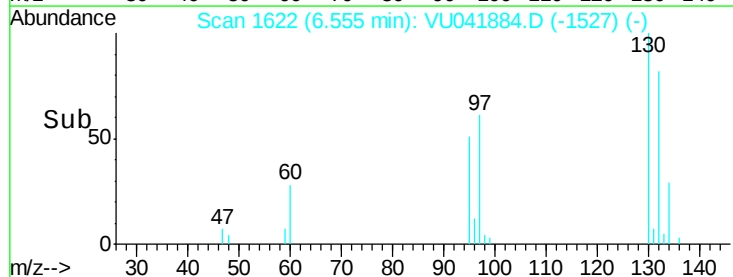
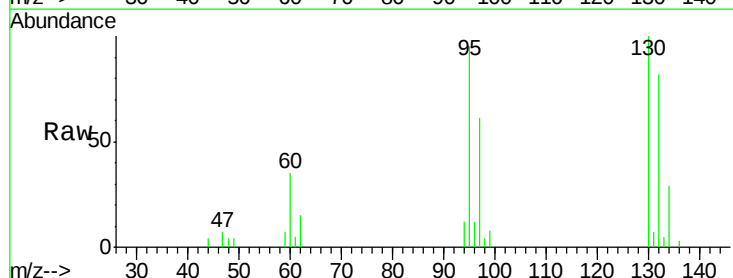
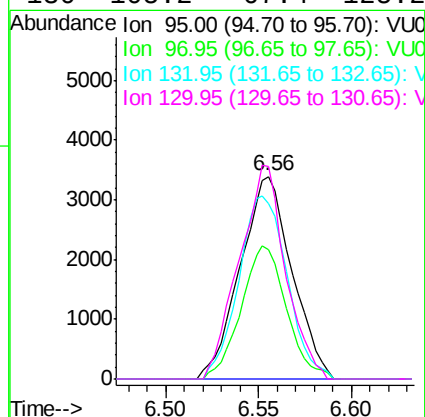
Instrument :
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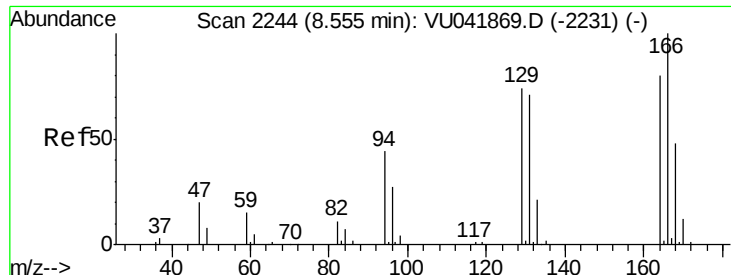
Tgt Ion: 97 Resp: 1295
 Ion Ratio Lower Upper
 97 100
 99 37.1 51.3 76.9#
 61 14.1 36.5 54.7#



#34
 Trichloroethene
 Concen: 0.608 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: VU041884.D
 Acq: 07 Jan 2021 19:52

Tgt Ion: 95 Resp: 6540
 Ion Ratio Lower Upper
 95 100
 97 63.9 43.9 81.5
 132 86.8 63.1 117.3
 130 105.2 67.4 125.2





#47

Tetrachloroethene

Concen: 0.208 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.00 min

Lab File: VU041884.D

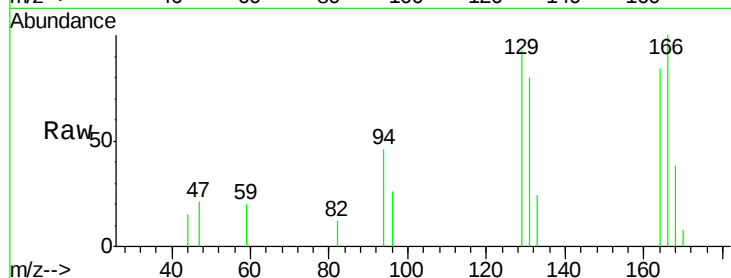
Acq: 07 Jan 2021 19:52

Instrument :

MSVOA_U

ClientSampleId :

BFXQ9



Tgt Ion:164 Resp: 1562

Ion Ratio Lower Upper

164 100

129 111.2 72.2 134.0

131 95.2 66.9 124.3

166 119.2 89.6 166.4

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

