

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041899.D
 Acq On : 08 Jan 2021 12:50
 Operator : SY/MD
 Sample : M1027-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM7

Manual Integrations
 APPROVED

MMDadoda
 1/11/2021 1:42:00 PM

Quant Time: Jan 09 02:20:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	137160	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36893	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.92	69	39510	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	59345	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	157320	51.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.14%
24) Chloroform-d	5.08	84	93768	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.71	65	52899	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.74	84	179889	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	58815	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.91	98	143386	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	20693	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.64	63	132537	45.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54835	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	56093	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds					Qvalue
3) Chloromethane	1.53	50	1852	0.164 ug/L	89
13) Acetone	2.66	43	1944m	0.992 ug/L	
29) 1,1,1-Trichloroethane	5.34	97	1492	0.097 ug/L #	92
34) Trichloroethene	6.55	95	19276	1.800 ug/L	95
47) Tetrachloroethene	8.56	164	3986	0.532 ug/L	92

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

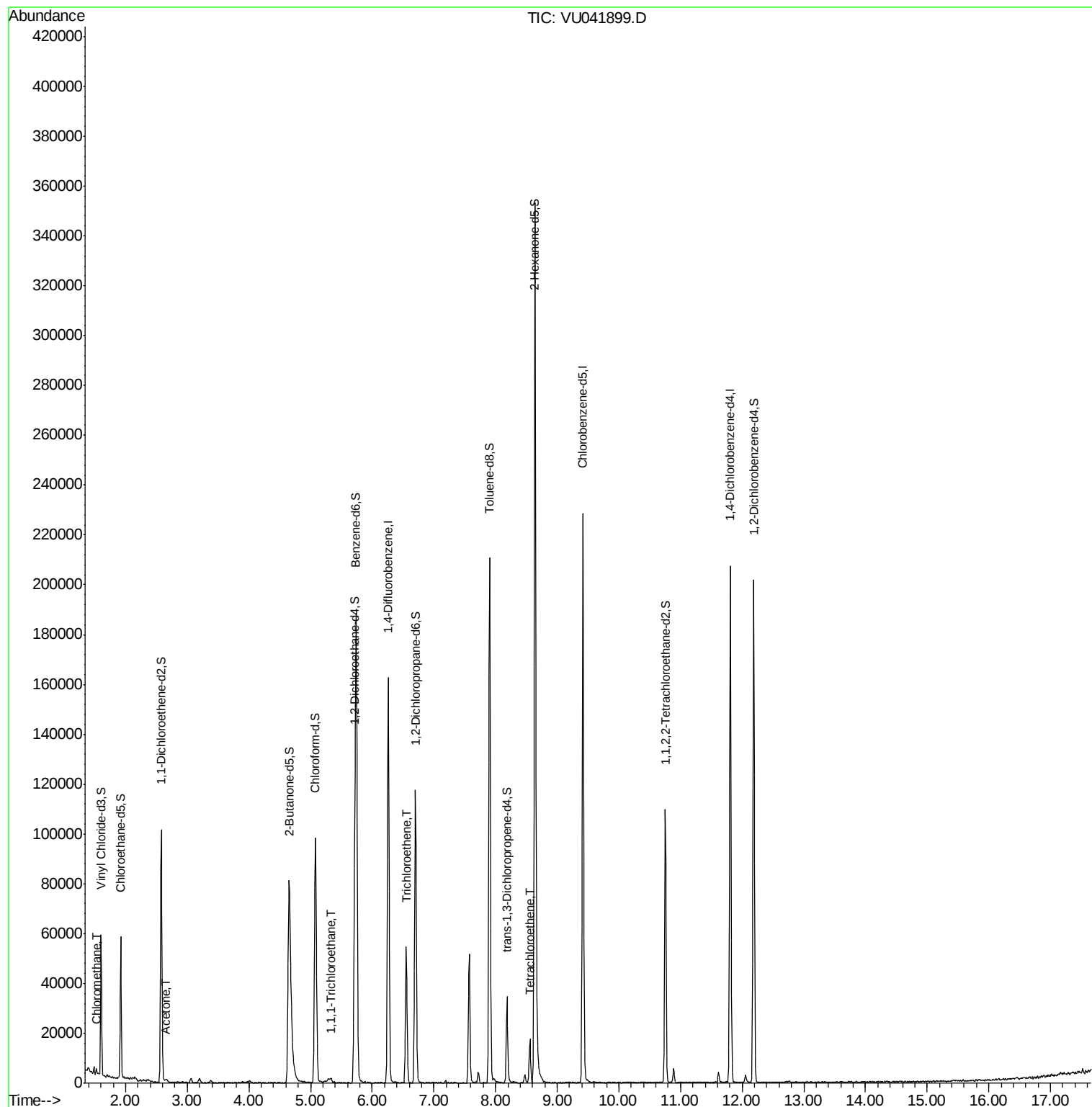
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041899.D
Acq On : 08 Jan 2021 12:50
Operator : SY/MD
Sample : M1027-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

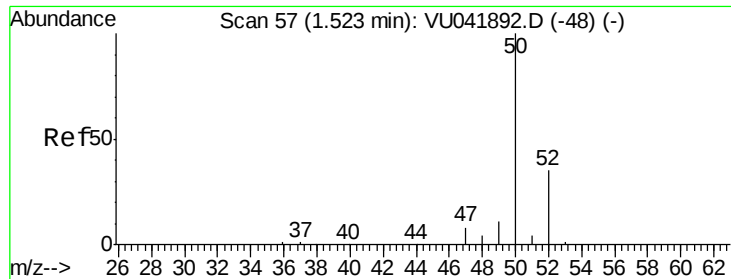
Instrument :
MSVOA_U
ClientSampleId :
BFXM7

Manual Integrations
APPROVED

MMDadoda
1/11/2021 1:42:00 PM

Quant Time: Jan 09 02:20:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 09 01:31:59 2021
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.164 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041899.D

Acq: 08 Jan 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

BFXM7

Tgt Ion: 50 Resp: 1852

Ion Ratio Lower Upper

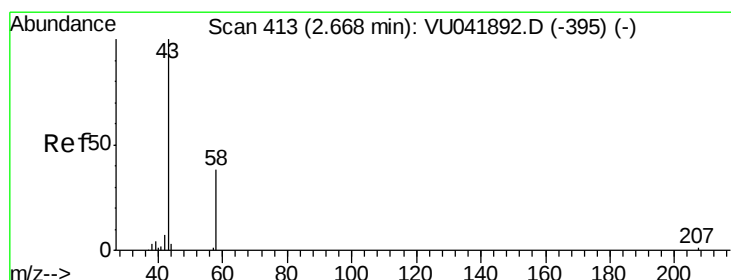
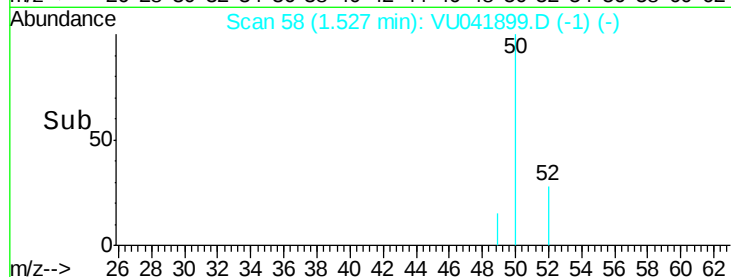
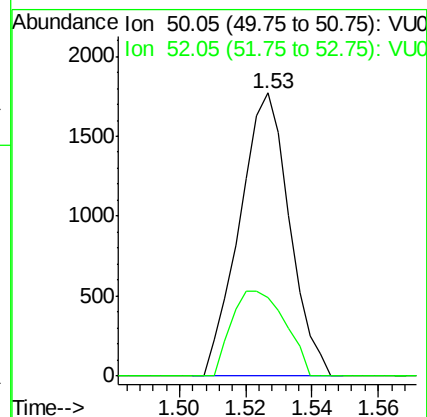
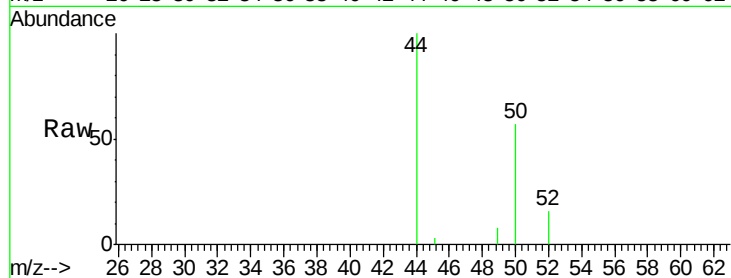
50 100

52 28.0 24.1 44.8

Manual Integrations
APPROVED

MMDadoda

1/11/2021 1:42:00 PM



#13

Acetone

Concen: 0.992 ug/L m

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU041899.D

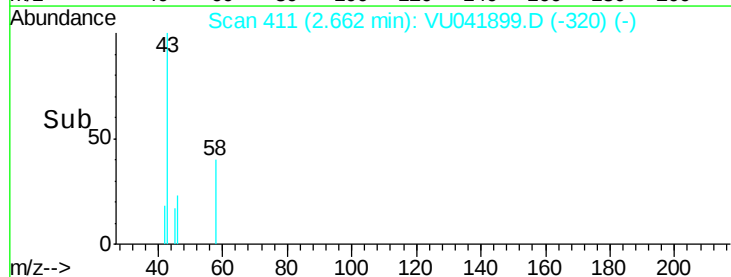
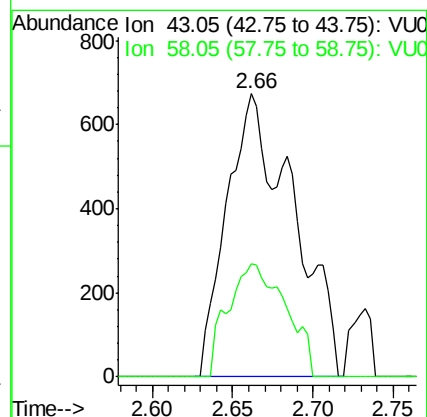
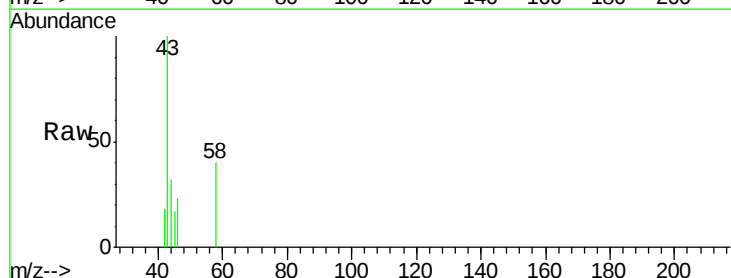
Acq: 08 Jan 2021 12:50

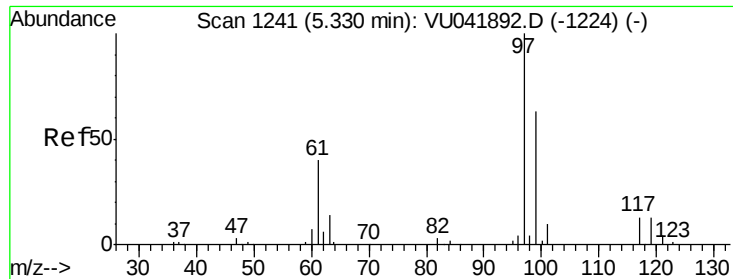
Tgt Ion: 43 Resp: 1944

Ion Ratio Lower Upper

43 100

58 34.8 0.0 73.2





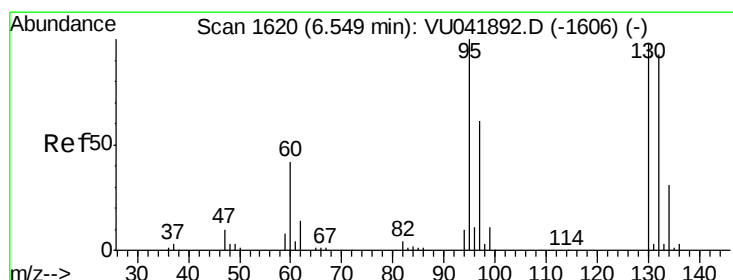
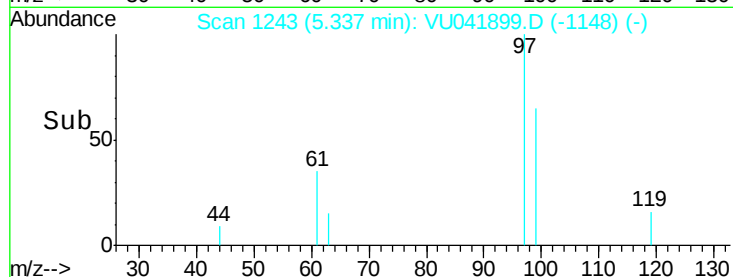
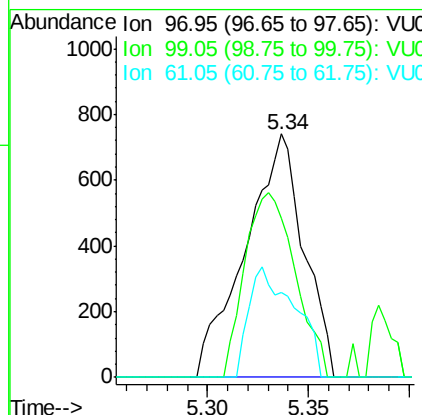
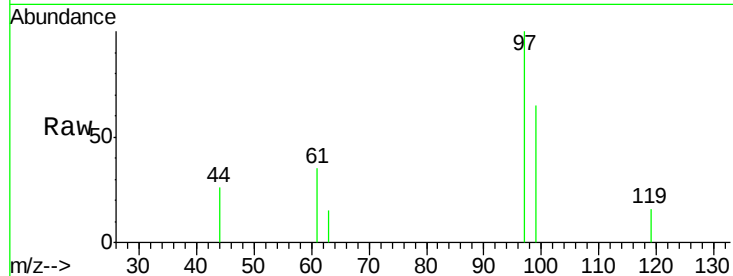
#29
 1,1,1-Trichloroethane
 Concen: 0.097 ug/L
 RT: 5.34 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VU041899.D
 Acq: 08 Jan 2021 12:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM7

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.3	76.9
61	35.5	36.5	54.7#

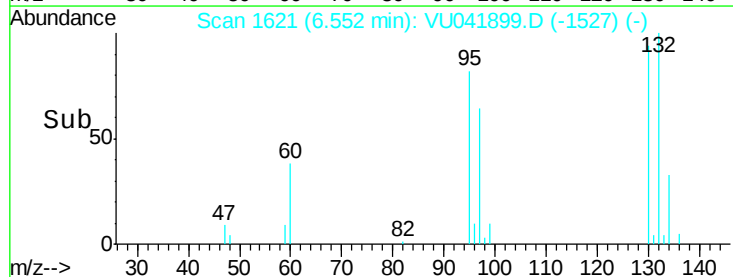
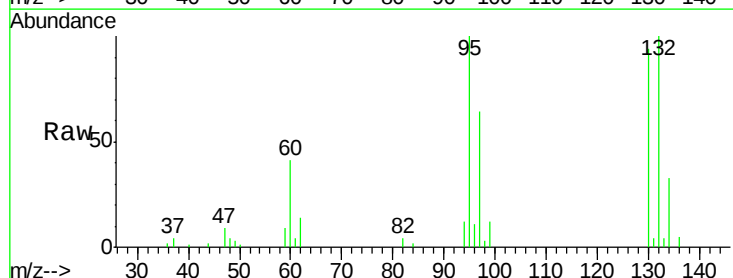
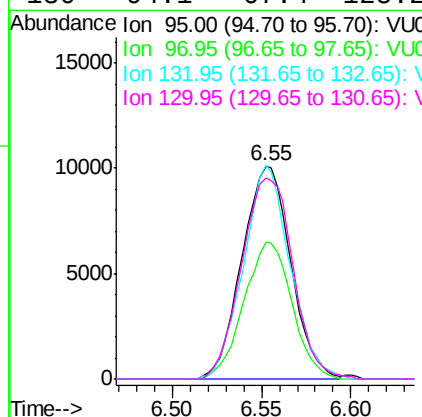
Manual Integrations
 APPROVED

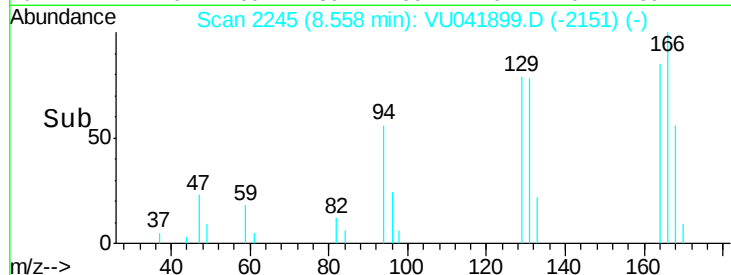
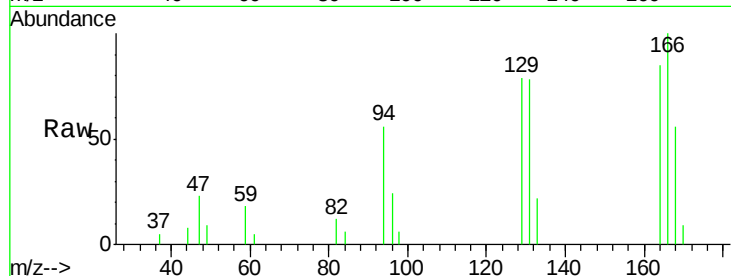
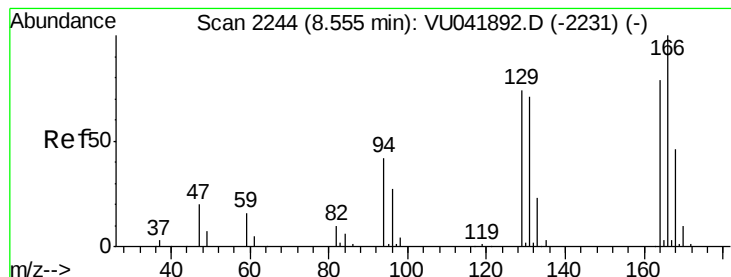
MMDadoda
 1/11/2021 1:42:00 PM



#34
 Trichloroethene
 Concen: 1.800 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041899.D
 Acq: 08 Jan 2021 12:50

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.9	81.5
132	100.2	63.1	117.3
130	94.1	67.4	125.2





#47

Tetrachloroethene

Concen: 0.532 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041899.D

Acq: 08 Jan 2021 12:50

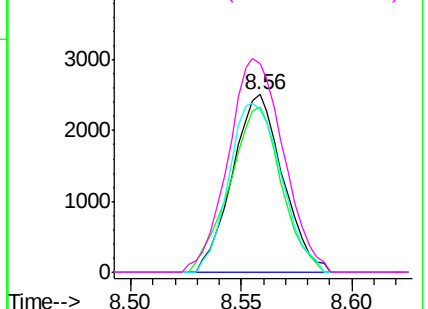
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	3986		
129	92.8		72.2	134.0
131	91.3		66.9	124.3
166	117.0		89.6	166.4

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



Instrument :
MSVOA_U
ClientSampleId :
BFXM7

Manual Integrations
APPROVED

MMDadoda
1/11/2021 1:42:00 PM