

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041794.D
 Acq On : 23 Dec 2020 20:07
 Operator : SY/MD
 Sample : L5185-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4T2

Manual Integrations
 APPROVED

MMDadoda
 12/24/2020 12:51:30 PM

Quant Time: Dec 24 04:34:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122221	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37394	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.92	69	37289	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	57744	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	163074	59.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.82%
24) Chloroform-d	5.08	84	85904	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.72	65	50734	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.74	84	161894	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	54403	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.90	98	122974	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.18	79	19549	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	120496	45.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47566	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	46996	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	3458m	1.981	ug/L	
17) Methyl tert-butyl Ether	3.38	73	5056	0.229	ug/L	# 75
22) cis-1,2-Dichloroethene	4.68	96	1299	0.137	ug/L	78
25) Chloroform	5.11	83	3578	0.222	ug/L	97
34) Trichloroethene	6.55	95	800590	83.035	ug/L	98
47) Tetrachloroethene	8.56	164	16330	2.419	ug/L	94

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

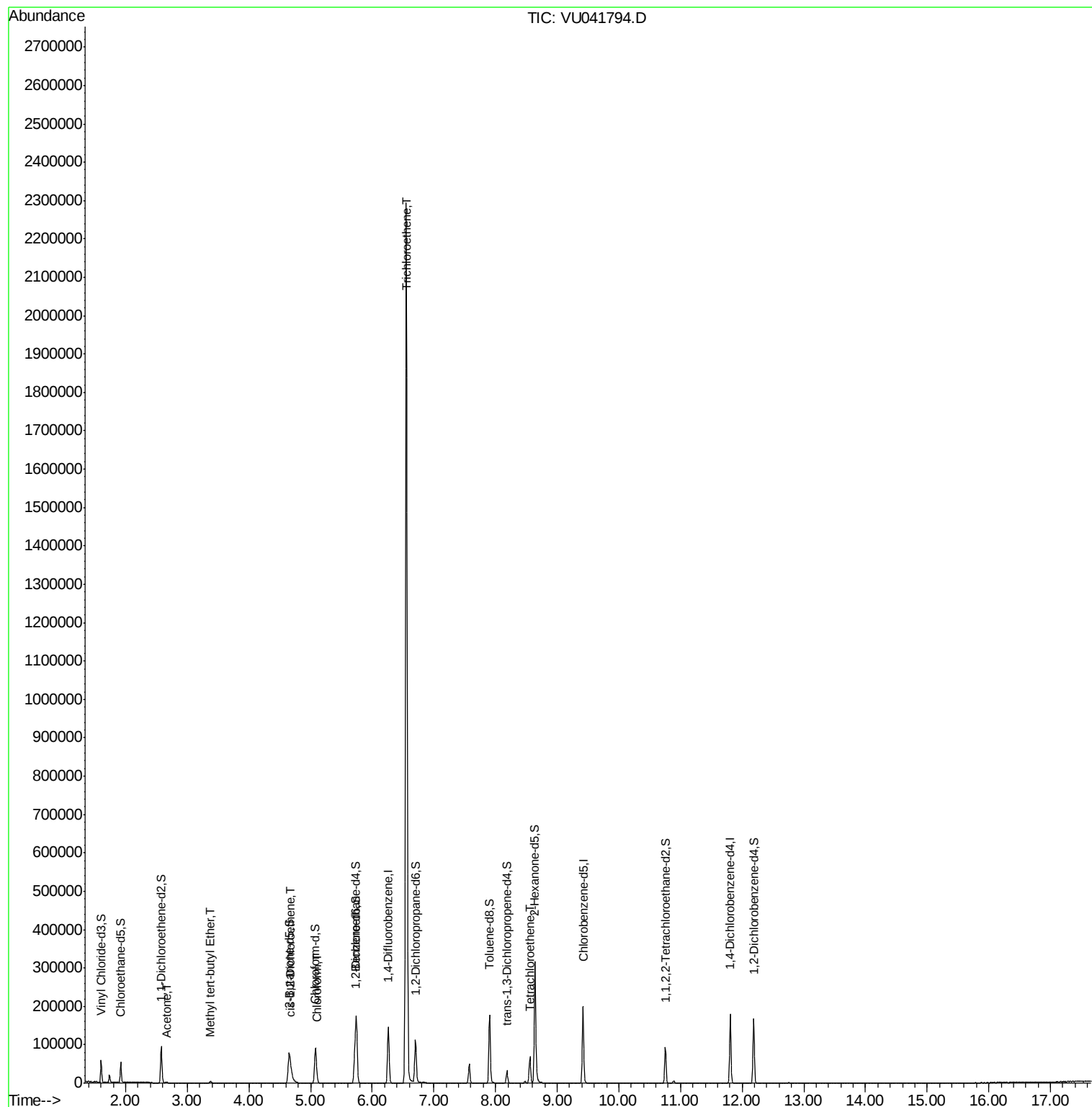
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122320\
Data File : VU041794.D
Acq On : 23 Dec 2020 20:07
Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

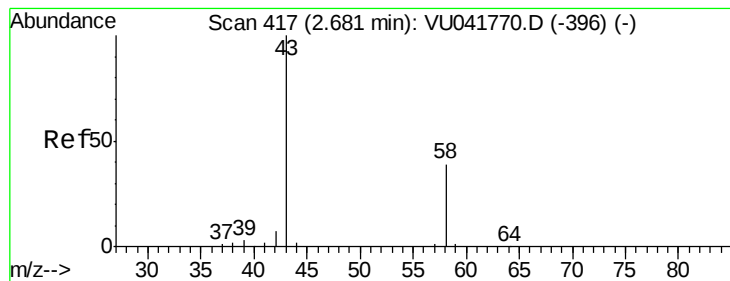
Instrument :
MSVOA_U
ClientSampleId :
BG4T2

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12/24/2020 12:51:30 PM

Quant Time: Dec 24 04:34:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.981 ug/L m

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU041794.D

Acq: 23 Dec 2020 20:07

Instrument :

MSVOA_U

ClientSampled :

BG4T2

Tot Ion: 43 Resp: 3458

Ion Ratio Lower Upper

43 100

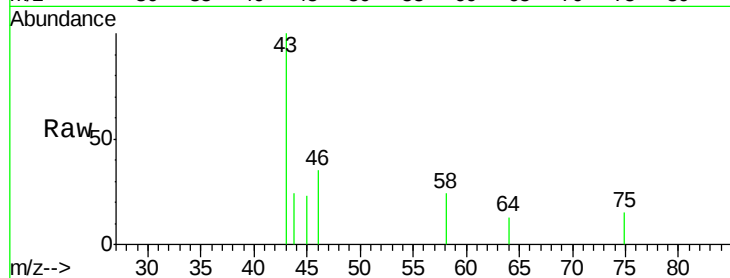
58 1.4 0.0 73.2

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VU041770.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041770.D (-396) (-)

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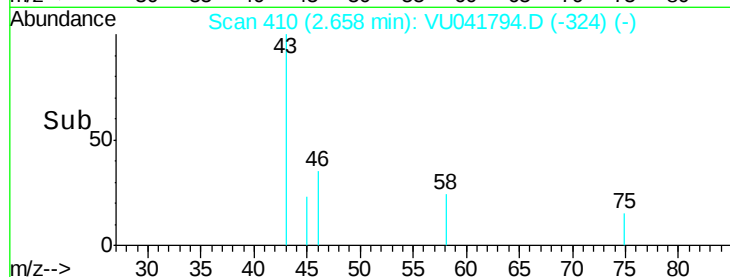
2.66

2.66

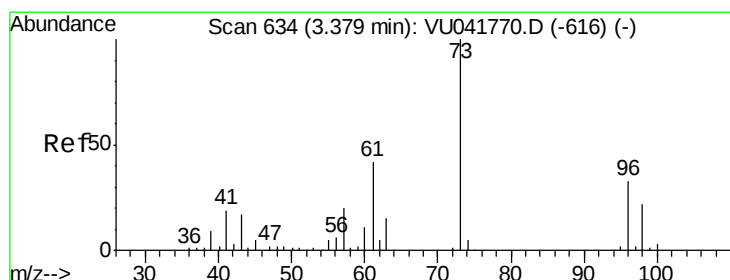
2.66

2.66

2.66



Time-->



#17

Methyl tert-butyl Ether

Concen: 0.229 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU041794.D

Acq: 23 Dec 2020 20:07

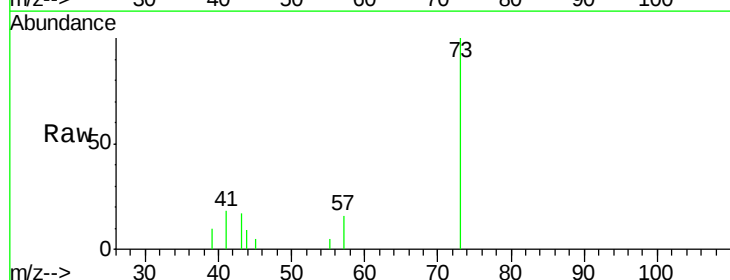
Tgt Ion: 73 Resp: 5056

Ion Ratio Lower Upper

73 100

43 8.3 14.7 22.1#

57 9.9 18.2 27.4#



Abundance Ion 73.10 (72.80 to 73.80): VU041770.D (-616) (-)

Ion 43.05 (42.75 to 43.75): VU041794.D (-541) (-)

Ion 57.10 (56.80 to 57.80): VU041794.D (-541) (-)

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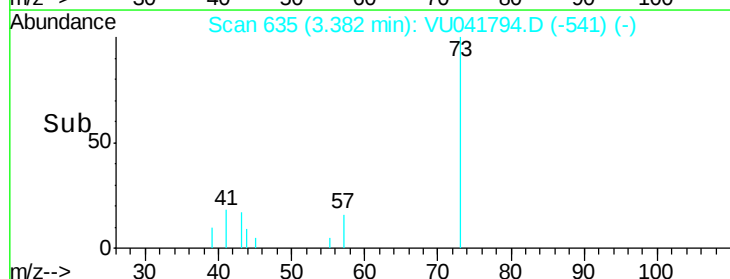
3.38

3.38

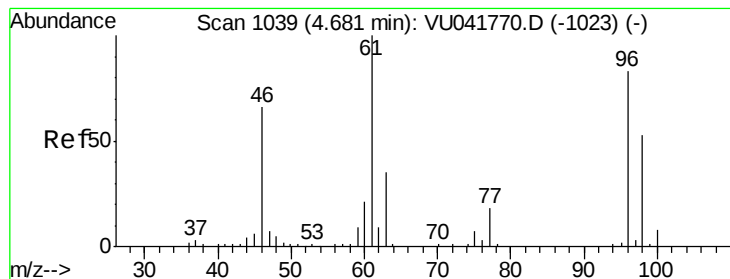
3.38

3.38

3.38



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.137 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041794.D

Acq: 23 Dec 2020 20:07

Instrument :

MSVOA_U

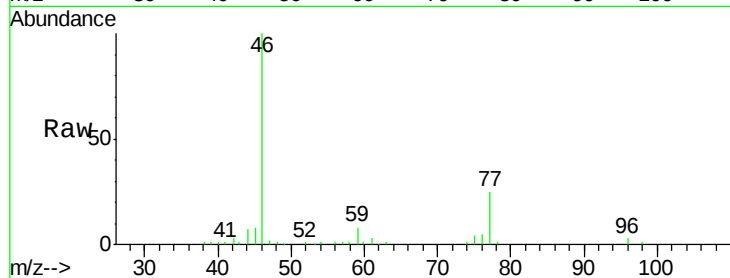
ClientSampleId :

BG4T2

Tot Ion:	96	Resp:	1299
Ion	Ratio	Lower	Upper
96	100		
61	101.4	88.8	165.0
68	0.0	0.0	0.0

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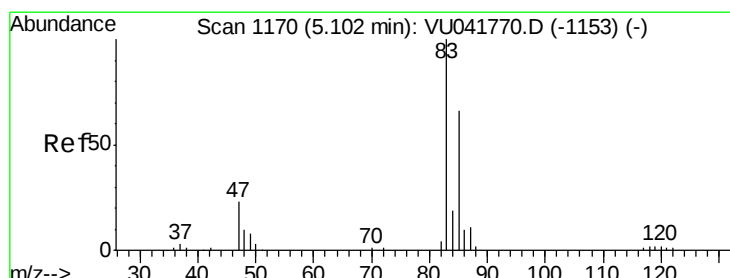
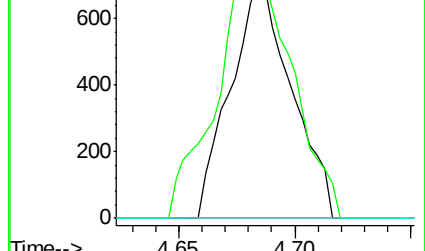
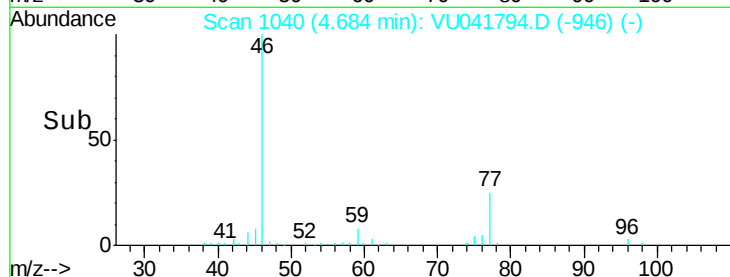


Abundance Ion 96.00 (95.70 to 96.70): VU041770.D (-1023) (-)

Ion 61.05 (60.75 to 61.75): VU041770.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU041770.D (-1023) (-)

Time-->



#25

Chloroform

Concen: 0.222 ug/L

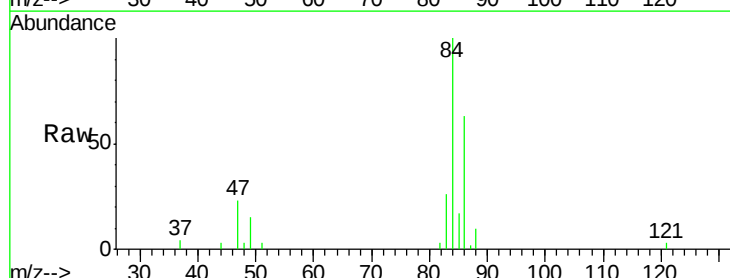
RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU041794.D

Acq: 23 Dec 2020 20:07

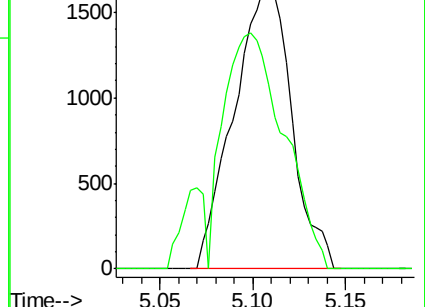
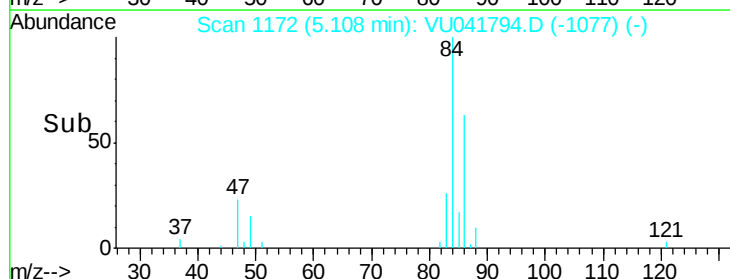
Tgt Ion:	83	Resp:	3578
Ion	Ratio	Lower	Upper
83	100		
85	65.4	44.2	82.0

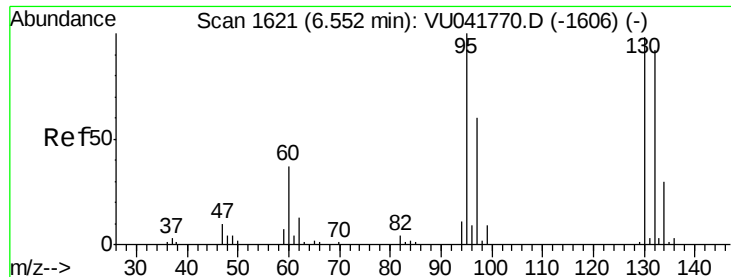


Abundance Ion 83.05 (82.75 to 83.75): VU041770.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU041770.D (-1153) (-)

Time-->





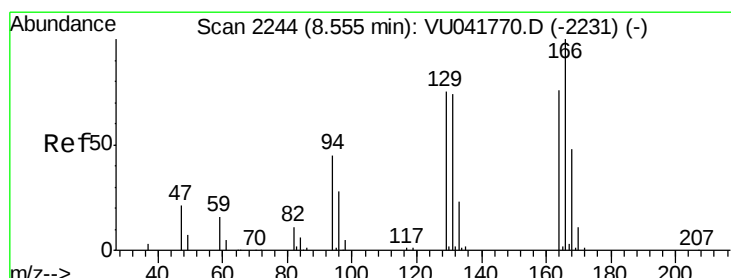
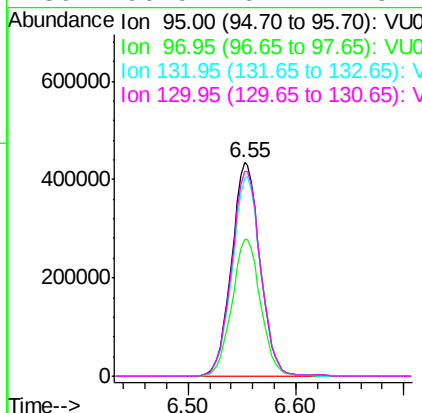
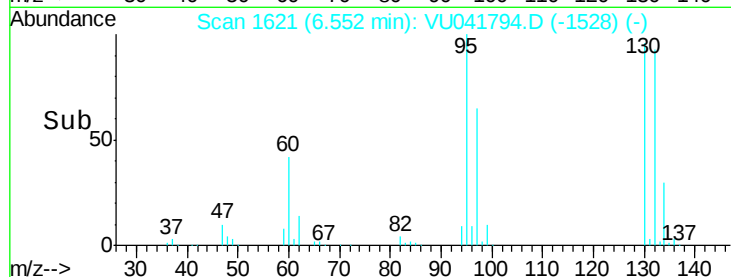
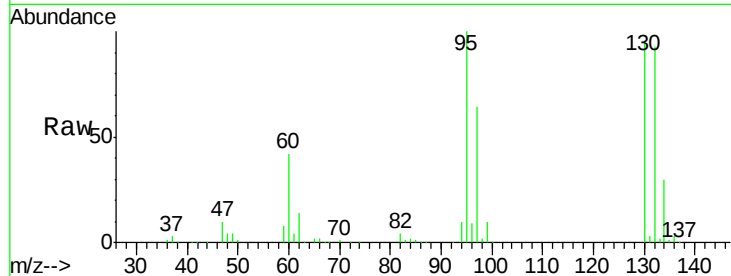
#34
 Trichloroethene
 Concen: 83.035 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041794.D
 Acq: 23 Dec 2020 20:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4T2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		800590		
97	64.4	43.9	81.5		
132	92.6	63.1	117.3		
130	96.0	67.4	125.2		

Manual Integrations
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#47
 Tetrachloroethene
 Concen: 2.419 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VU041794.D
 Acq: 23 Dec 2020 20:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		16330		
129	91.9	72.2	134.0		
131	90.0	66.9	124.3		
166	125.5	89.6	166.4		

