

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040740.D
 Acq On : 16 Oct 2020 11:42
 Operator : SY/MD
 Sample : L4419-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG9

Manual Integrations
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 10/19/2020 4:53:58 PM

Quant Time: Oct 17 00:14:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38567	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.92	69	36160	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	249448	13.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	279.60%#
20) 2-Butanone-d5	4.66	46	145340	49.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.54%
24) Chloroform-d	5.08	84	84823	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.72	65	52300	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.74	84	153092	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.70	67	53716	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	120057	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.18	79	19000	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	99010	43.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45389	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	49192	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	2.15	101	667	0.047	ug/L	88
12) 1,1-Dichloroethene	2.59	96	325386	41.411	ug/L #	77
13) Acetone	2.69	43	9977m	4.408	ug/L	
18) trans-1,2-Dichloroethene	3.37	96	964	0.117	ug/L #	88
19) 1,1-Dichloroethane	3.89	63	13606	0.800	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	52714	5.943	ug/L	97
25) Chloroform	5.10	83	10834	0.624	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	31402	2.017	ug/L	98
34) Trichloroethene	6.55	95	49353	5.116	ug/L	98
38) Bromodichloromethane	7.11	83	2928	0.221	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	1093	0.141	ug/L #	76
47) Tetrachloroethene	8.56	164	48636	7.067	ug/L	97

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

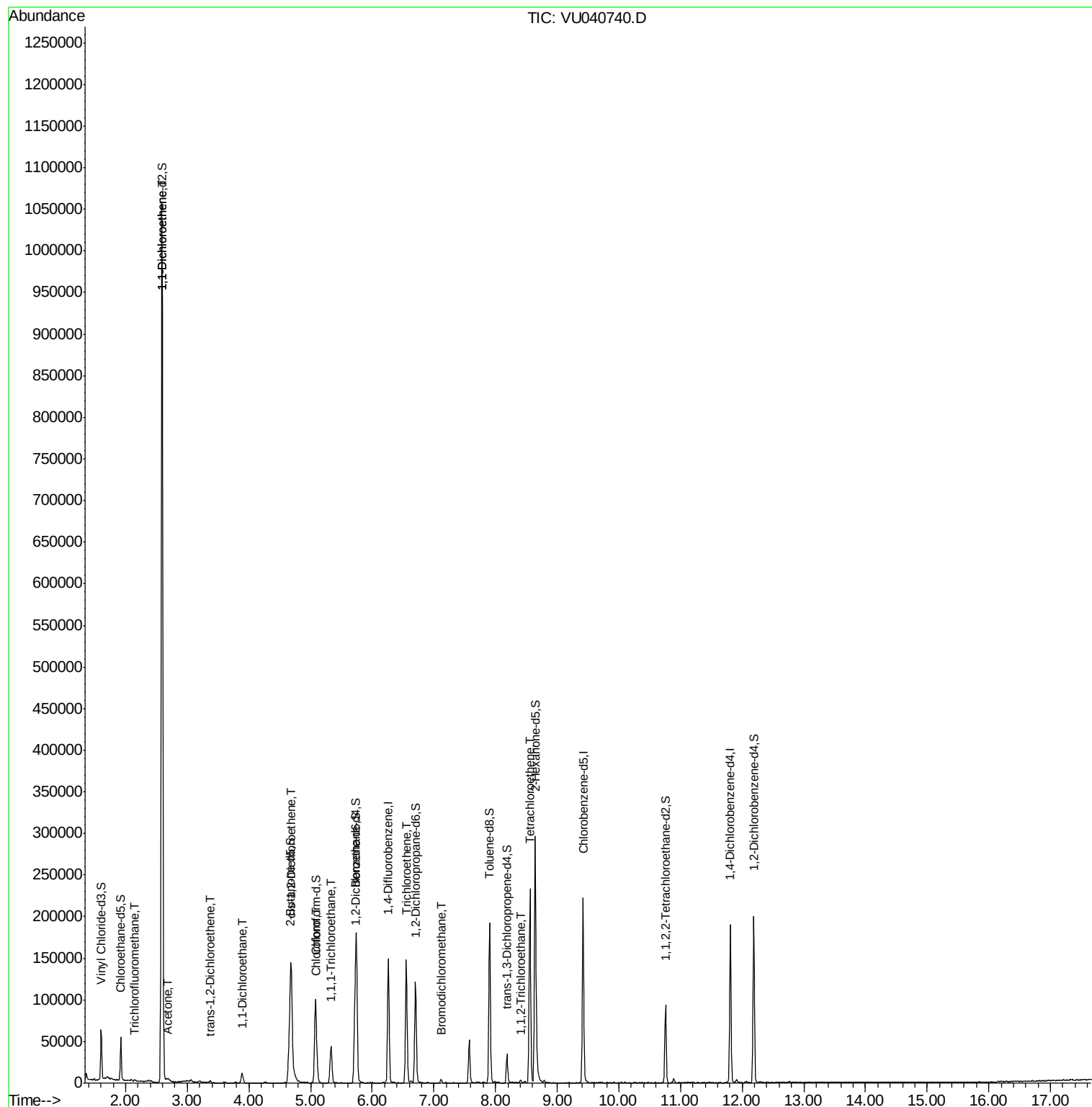
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101620\
Data File : VU040740.D
Acq On : 16 Oct 2020 11:42
Operator : SY/MD
Sample : L4419-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

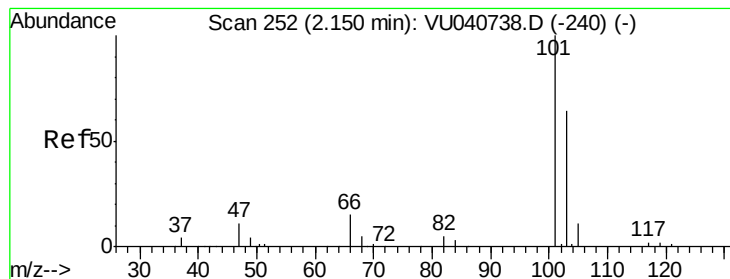
Instrument :
MSVOA_U
ClientSampleId :
C0AG9

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Quant Time: Oct 17 00:14:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration





#9

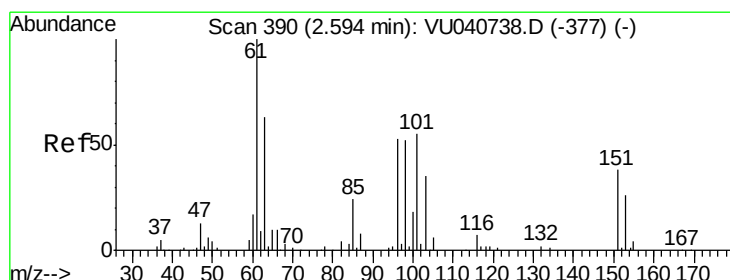
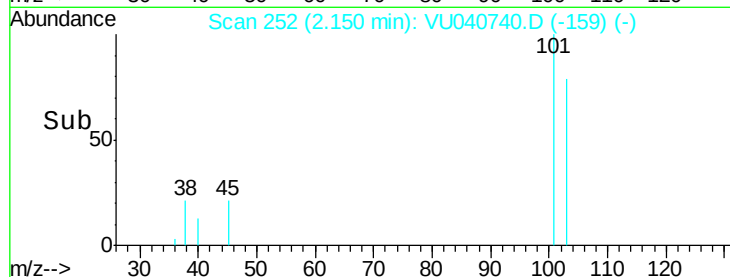
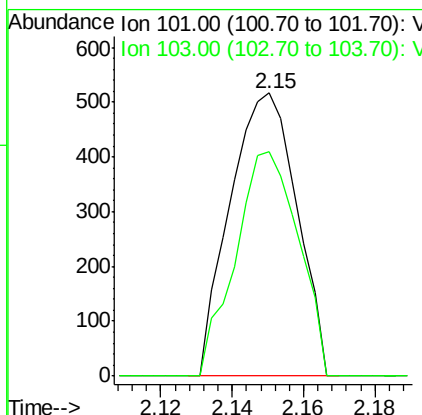
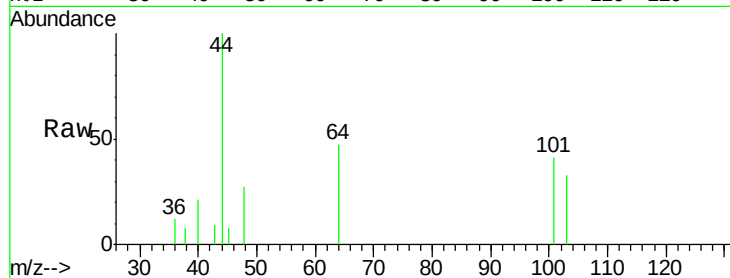
Trichlorofluoromethane
 Concen: 0.047 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU040740.D
 Acq: 16 Oct 2020 11:42

Instrument :
 MSVOA_U
 ClientSampled :
 C0AG9

Tot Ion:101 Resp: 667
 Ion Ratio Lower Upper
 101 100
 103 74.8 52.2 78.4

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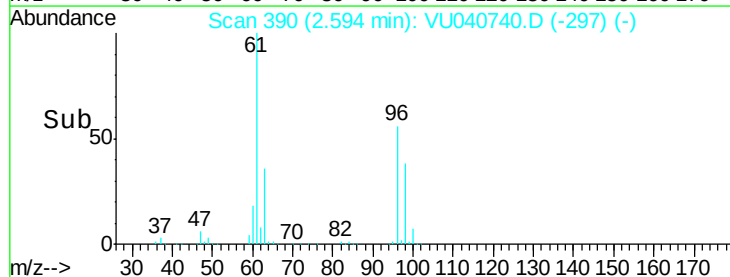
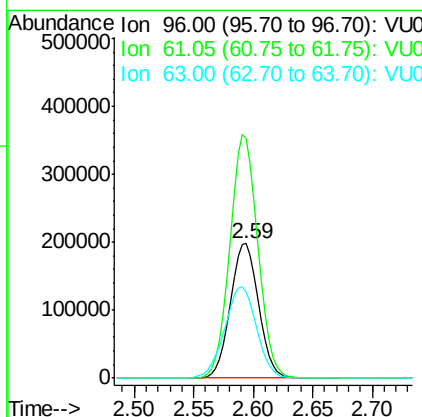
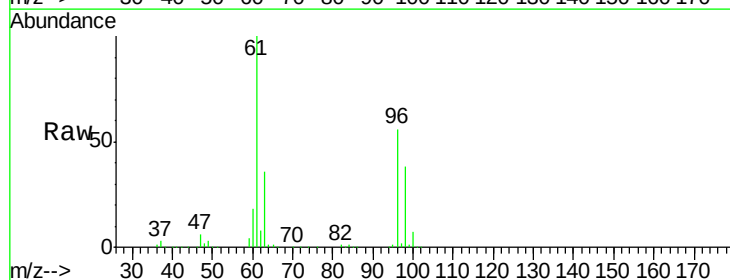
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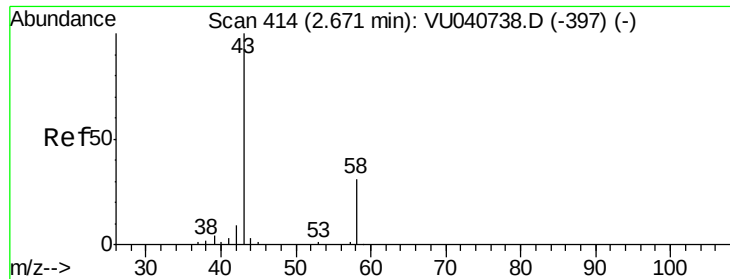


#12

1,1-Dichloroethene
 Concen: 41.411 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040740.D
 Acq: 16 Oct 2020 11:42

Tgt Ion: 96 Resp: 325386
 Ion Ratio Lower Upper
 96 100
 61 178.0 128.8 239.2
 63 64.3 84.6 157.2#





#13

Acetone

Concen: 4.408 ug/L m

RT: 2.69 min Scan# 419

Delta R.T. 0.02 min

Lab File: VU040740.D

Acq: 16 Oct 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

C0AG9

Tot Ion: 43 Resp: 9977

Ion Ratio Lower Upper

43 100

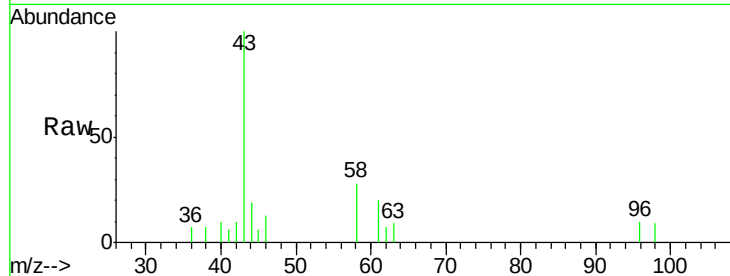
58 7.0 0.0 60.6

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Abundance Ion 43.05 (42.75 to 43.75): VU040738.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU040738.D (-397) (-)

2.69

2000

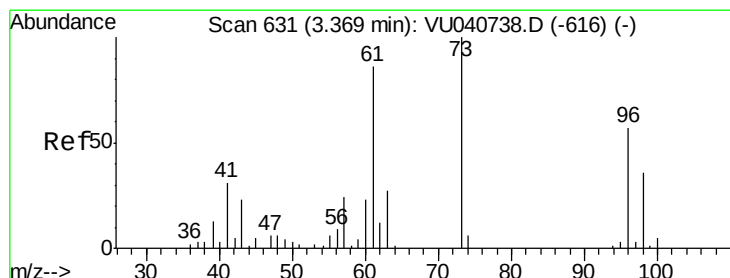
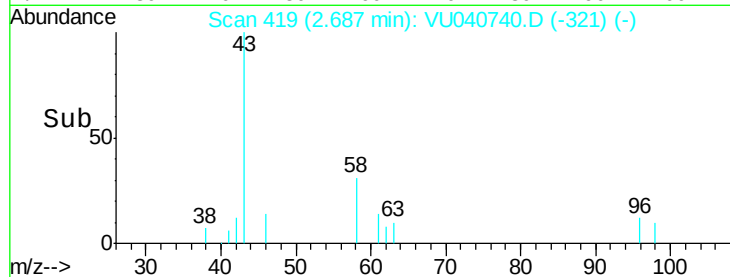
1500

1000

500

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.117 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU040740.D

Acq: 16 Oct 2020 11:42

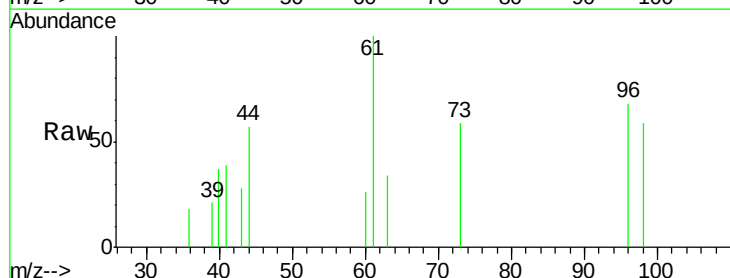
Tgt Ion: 96 Resp: 964

Ion Ratio Lower Upper

96 100

61 147.5 105.9 196.7

98 87.4 43.8 81.3#



Abundance Ion 96.00 (95.70 to 96.70): VU040738.D (-616) (-)

Ion 61.05 (60.75 to 61.75): VU040738.D (-616) (-)

Ion 97.95 (97.65 to 98.65): VU040738.D (-616) (-)

3.37

1000

800

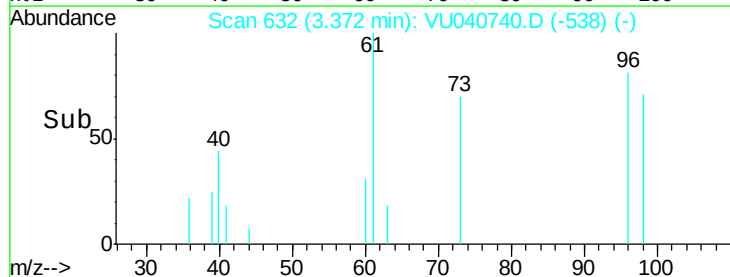
600

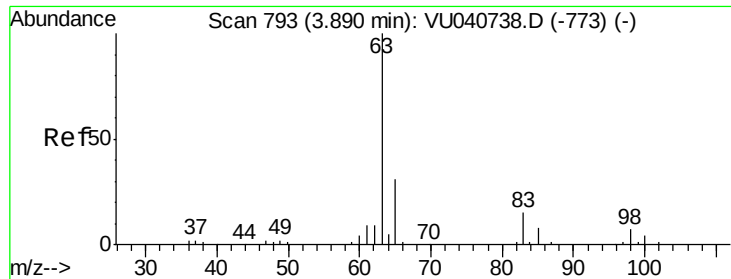
400

200

0

Time-->





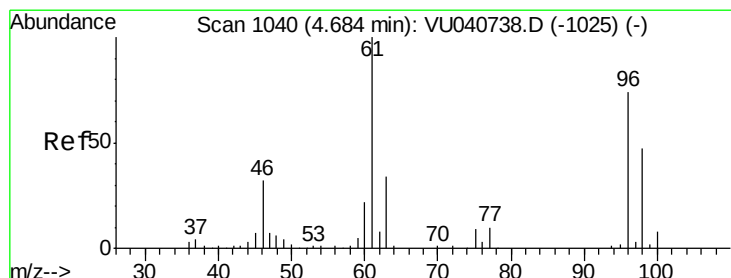
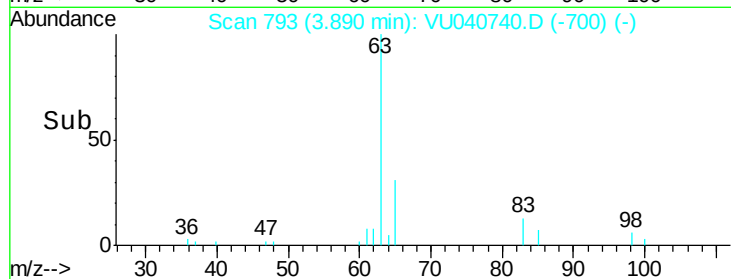
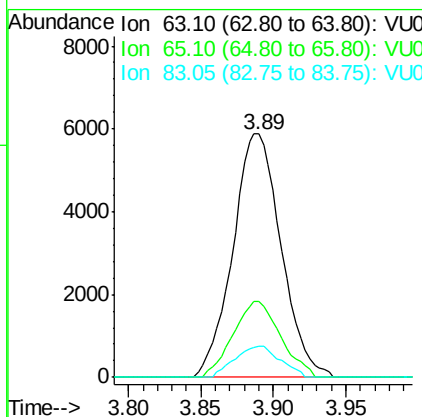
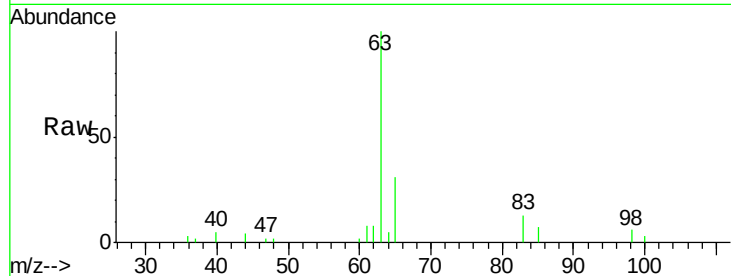
#19
 1,1-Dichloroethane
 Concen: 0.800 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040740.D
 Acq: 16 Oct 2020 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG9

Tot Ion:	63	Resp:	13606
Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.9	40.7
83	13.0	9.6	17.8

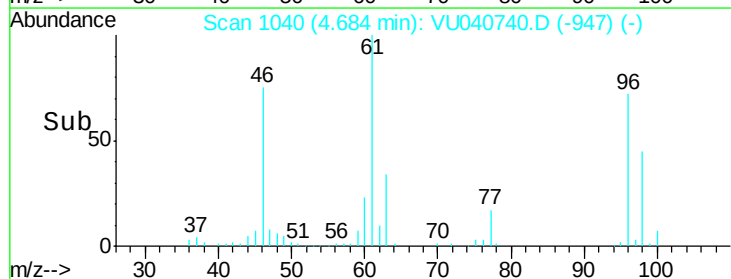
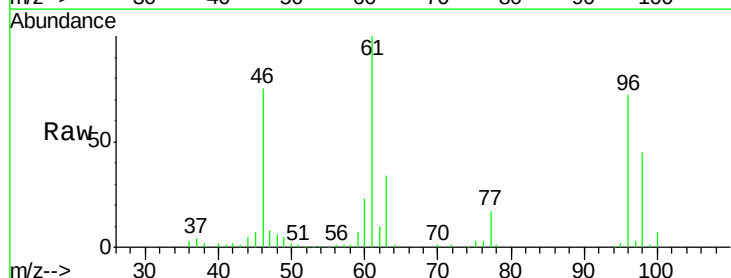
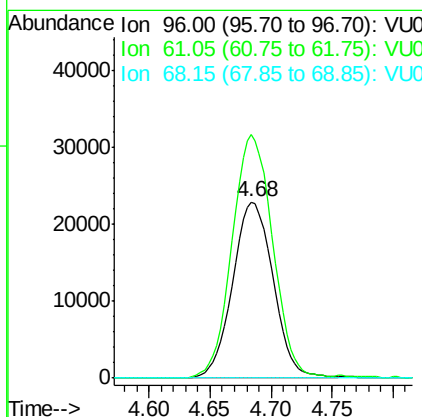
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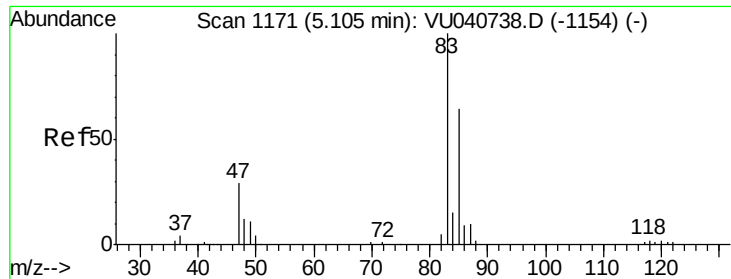
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#22
 cis-1,2-Dichloroethene
 Concen: 5.943 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040740.D
 Acq: 16 Oct 2020 11:42

Tgt Ion:	96	Resp:	52714
Ion	Ratio	Lower	Upper
96	100		
61	138.5	99.8	185.4
68	0.0	0.0	0.0





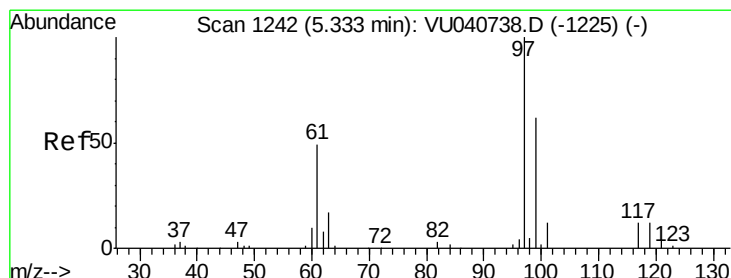
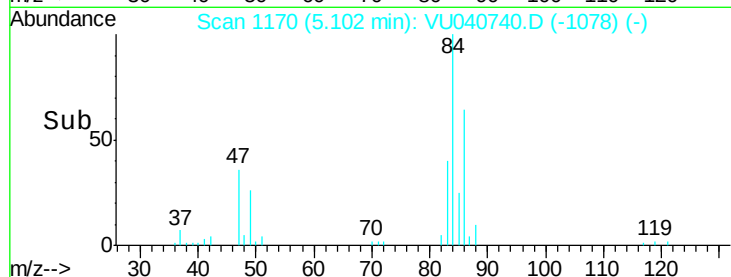
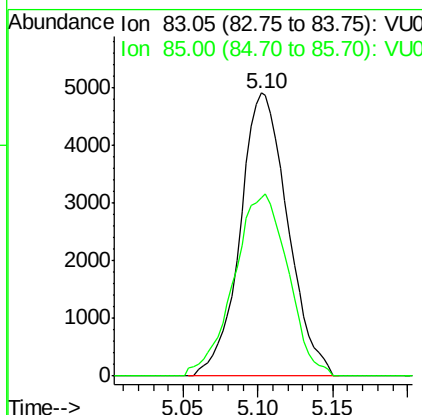
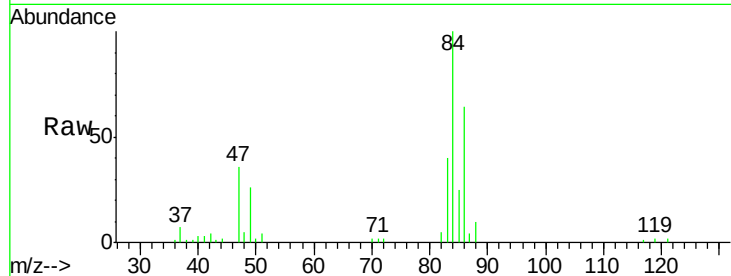
#25
Chloroform
Concen: 0.624 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040740.D
Acq: 16 Oct 2020 11:42

Instrument :
MSVOA_U
ClientSampled :
C0AG9

Tot Ion	83	Resp	10834
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	46.5	86.5

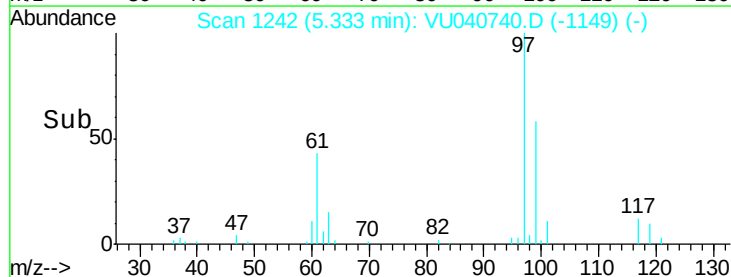
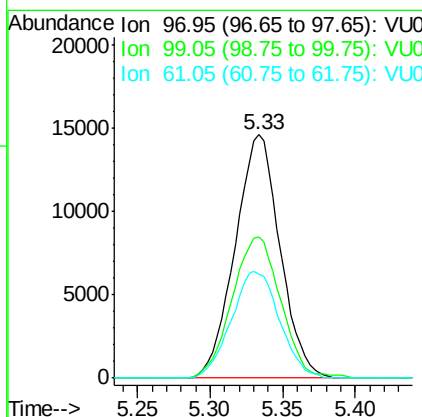
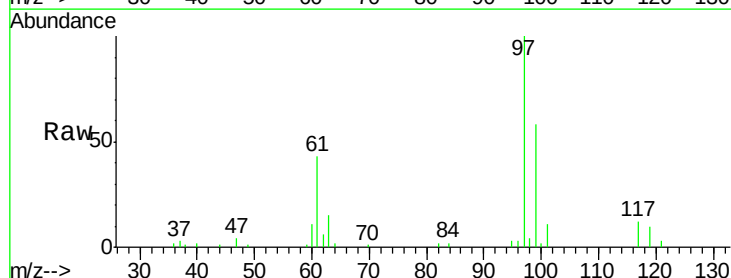
Manual Integrations
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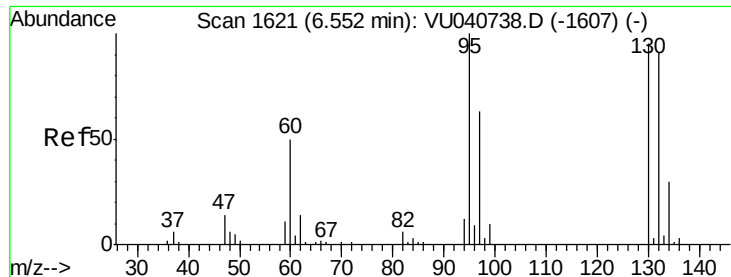
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#29
1,1,1-Trichloroethane
Concen: 2.017 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU040740.D
Acq: 16 Oct 2020 11:42

Tgt Ion	97	Resp	31402
Ion Ratio	100	Lower	Upper
97	100		
99	62.9	51.3	76.9
61	46.9	39.4	59.2





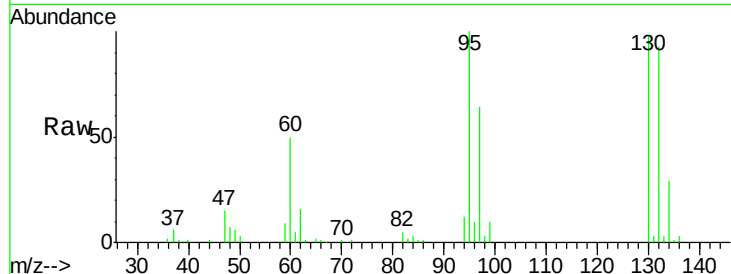
#34
 Trichloroethene
 Concen: 5.116 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040740.D
 Acq: 16 Oct 2020 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		49353		
97	64.0		45.5	84.5	
132	93.3		67.5	125.4	
130	98.3		69.9	129.9	

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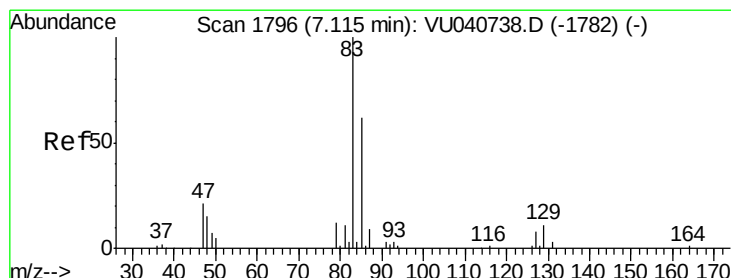
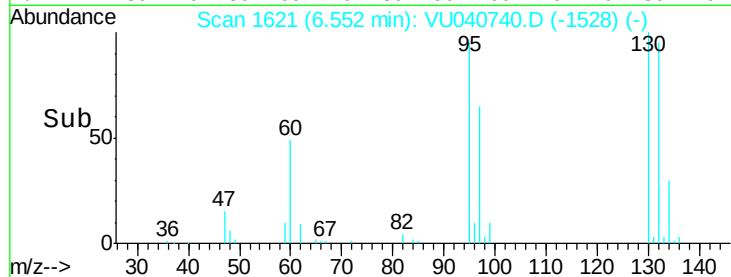
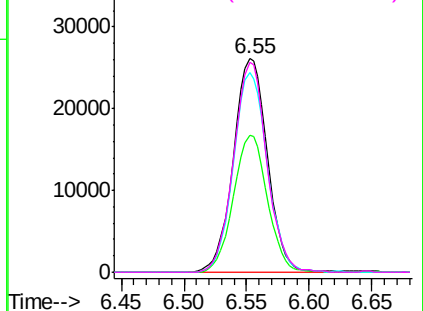


Abundance Ion 95.00 (94.70 to 95.70): VU040740.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040740.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040740.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040740.D (-1528) (-)



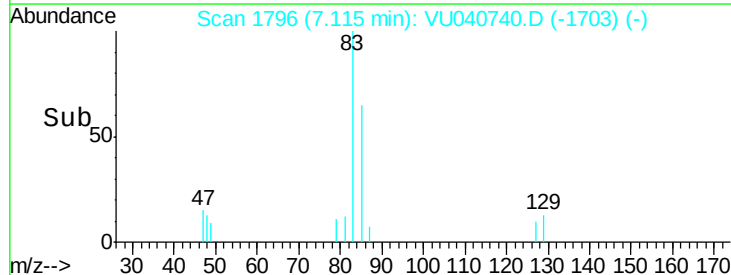
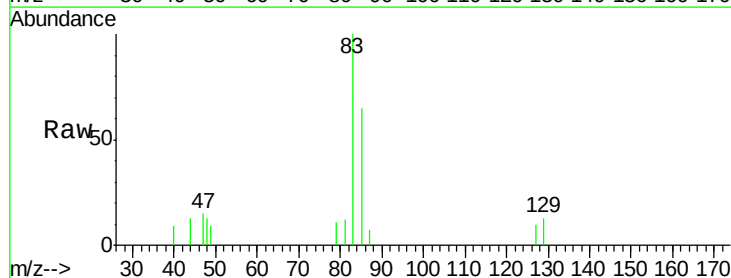
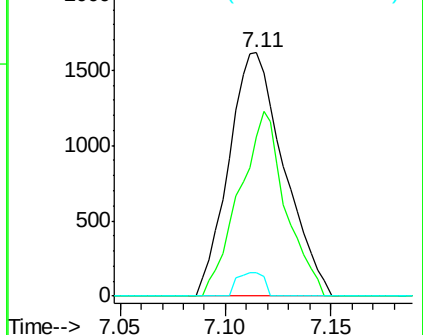
#38
 Bromodichloromethane
 Concen: 0.221 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU040740.D
 Acq: 16 Oct 2020 11:42

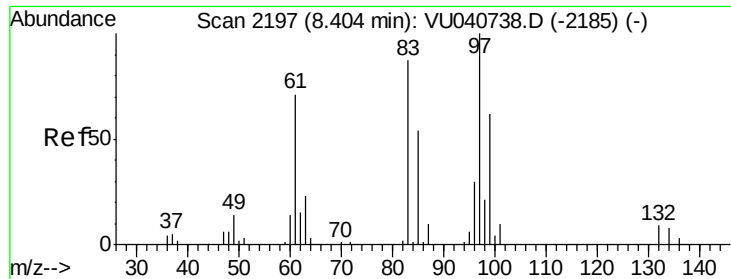
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		2928		
85	65.2		46.0	85.4	
127	9.6		6.7	10.1	

Abundance Ion 82.95 (82.65 to 83.65): VU040740.D (-1703) (-)

Ion 85.00 (84.70 to 85.70): VU040740.D (-1703) (-)

Ion 126.90 (126.60 to 127.60): VU040740.D (-1703) (-)





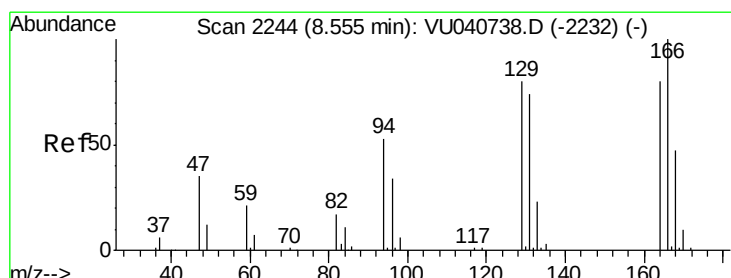
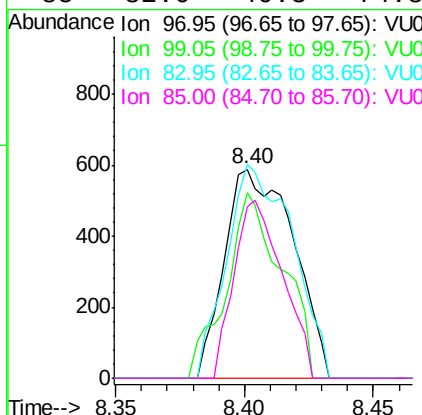
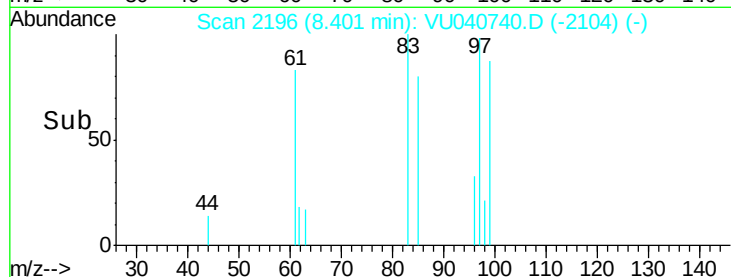
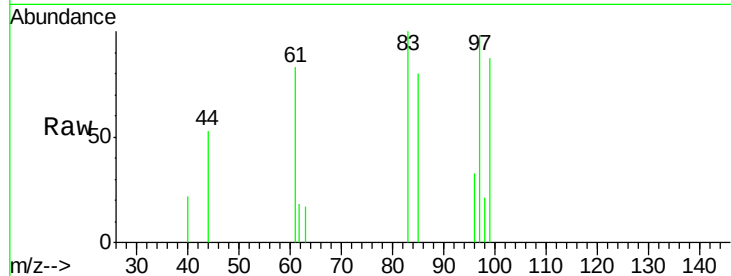
#45
1,1,2-Trichloroethane
Concen: 0.141 ug/L
RT: 8.40 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VU040740.D
Acq: 16 Oct 2020 11:42

Instrument :
MSVOA_U
ClientSampleId :
C0AG9

Tot Ion:	97	Resp:	1093
Ion	Ratio	Lower	Upper
97	100		
99	88.5	44.0	81.6#
83	102.0	62.9	116.9
85	82.0	40.3	74.8#

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#47
Tetrachloroethene
Concen: 7.067 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040740.D
Acq: 16 Oct 2020 11:42

Tgt Ion:	164	Resp:	48636
Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.8	127.8
131	94.1	66.7	123.9
166	127.5	83.9	155.7

