

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041791.D
 Acq On : 23 Dec 2020 18:57
 Operator : SY/MD
 Sample : L5185-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S6

Manual Integrations
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 12/24/2020 12:51:24 PM

Quant Time: Dec 24 04:24:23 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	127423	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38796	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	39330	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	60954	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	139472	48.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	5.08	84	78977	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	45948	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	151578	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.70	67	50249	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.90	98	121677	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	8.19	79	18884	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.64	63	124366	44.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49082	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47776	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	2764m	1.519	ug/L	
17) Methyl tert-butyl Ether	3.39	73	2335	0.101	ug/L	# 78
19) 1,1-Dichloroethane	3.89	63	14272	0.854	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	2324	0.235	ug/L	99
25) Chloroform	5.11	83	7318	0.435	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	6607	0.457	ug/L	95
34) Trichloroethene	6.55	95	97520	9.636	ug/L	93
47) Tetrachloroethene	8.56	164	1229	0.173	ug/L	92

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

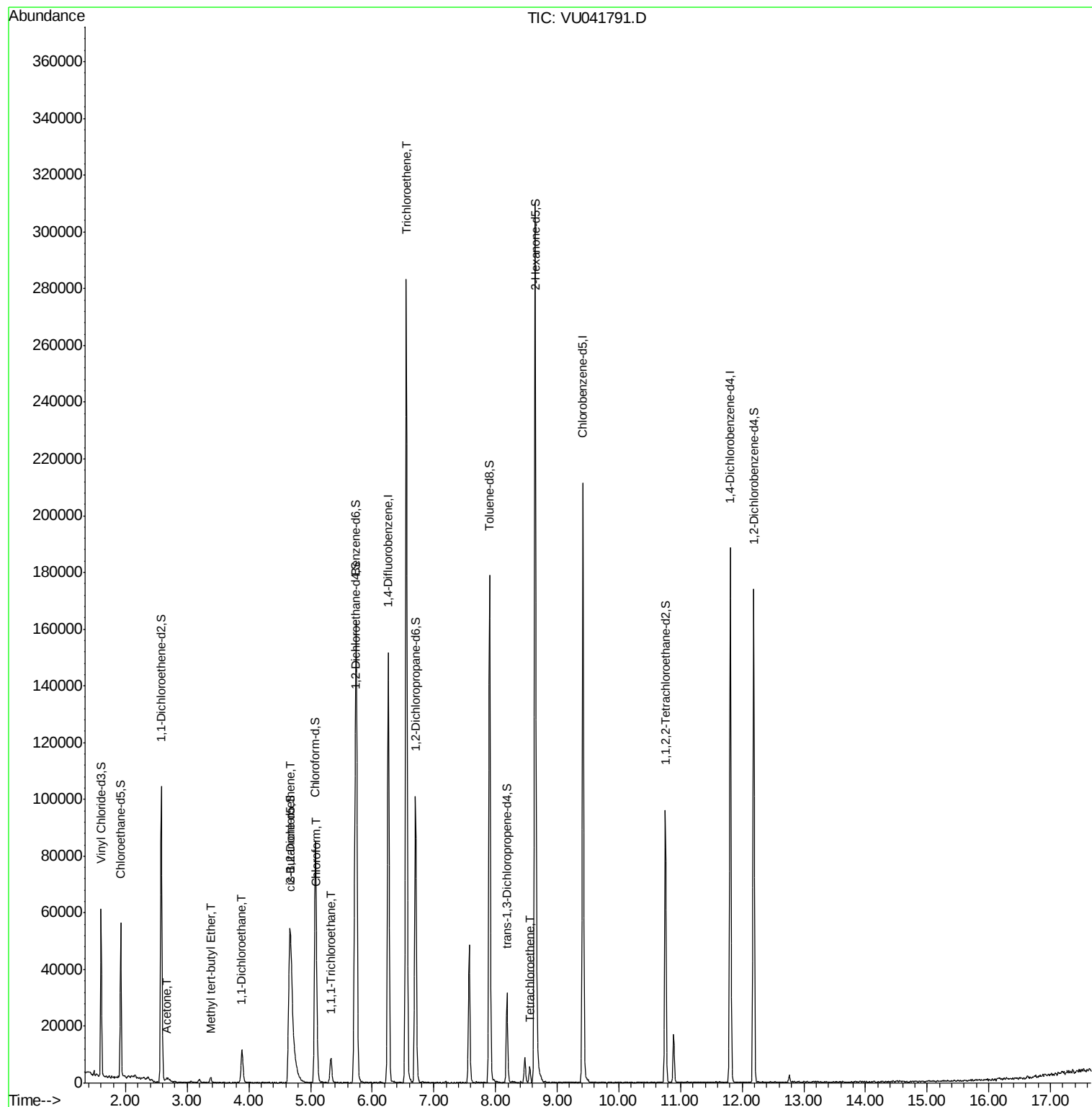
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122320\
Data File : VU041791.D
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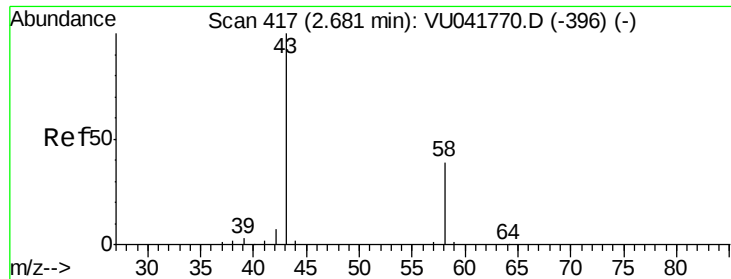
Instrument :
MSVOA_U
ClientSampleId :
BG4S6

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Quant Time: Dec 24 04:24:23 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





#13

Acetone

Concen: 1.519 ug/L m

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU041791.D

Acq: 23 Dec 2020 18:57

Instrument :

MSVOA_U

ClientSampleId :

BG4S6

Tot Ion: 43 Resp: 2764

Ion Ratio Lower Upper

43 100

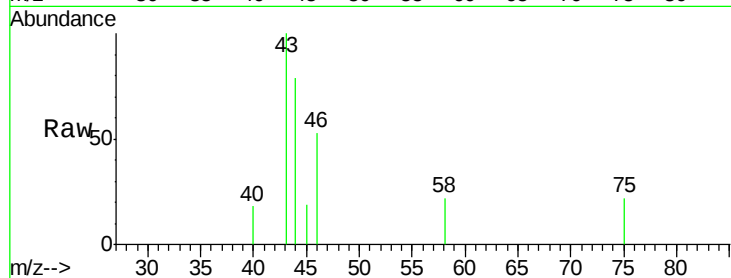
58 20.4 0.0 73.2

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) (-)

2.67

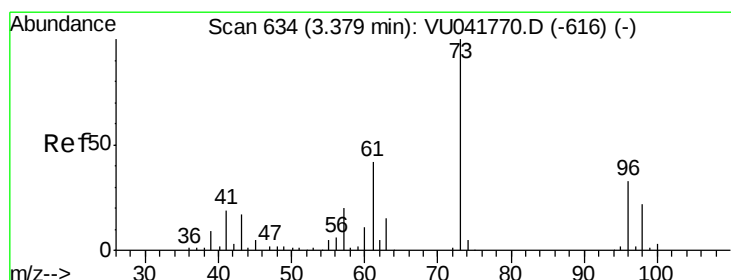
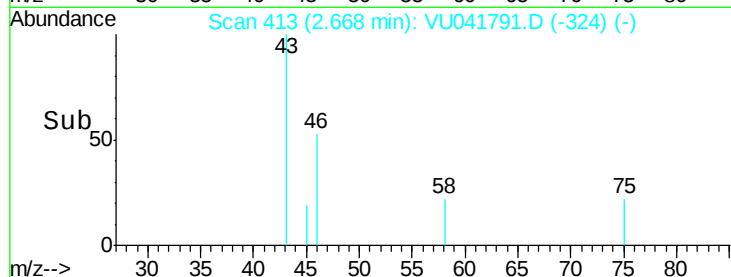
600

400

200

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.101 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.01 min

Lab File: VU041791.D

Acq: 23 Dec 2020 18:57

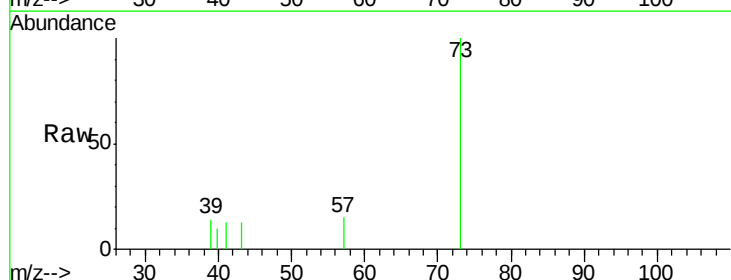
Tgt Ion: 73 Resp: 2335

Ion Ratio Lower Upper

73 100

43 5.6 14.7 22.1#

57 14.4 18.2 27.4#



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

Ion 43.05 (42.75 to 43.75): VU041770.D (-616) (-)

Ion 57.10 (56.80 to 57.80): VU041770.D (-616) (-)

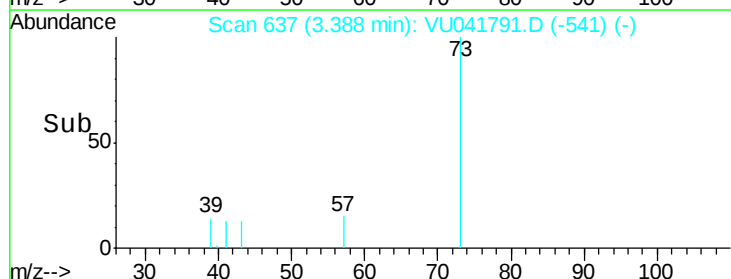
1500

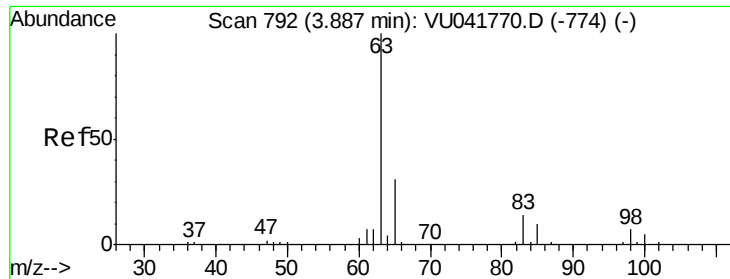
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500

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Time-->





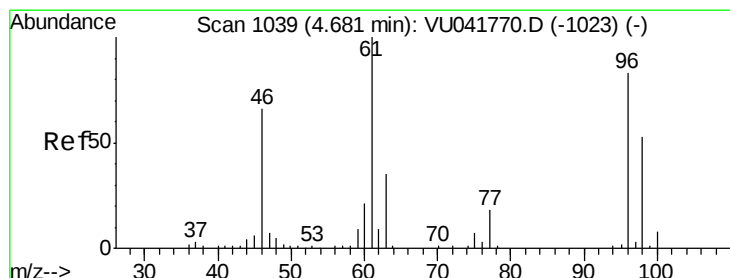
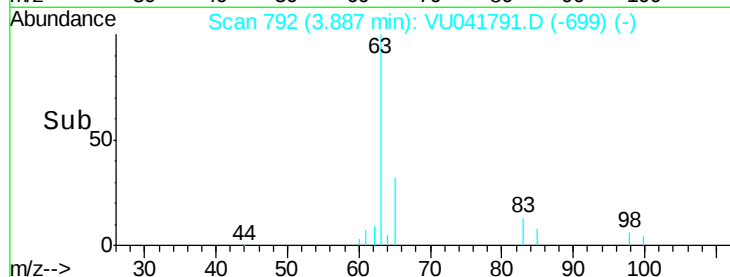
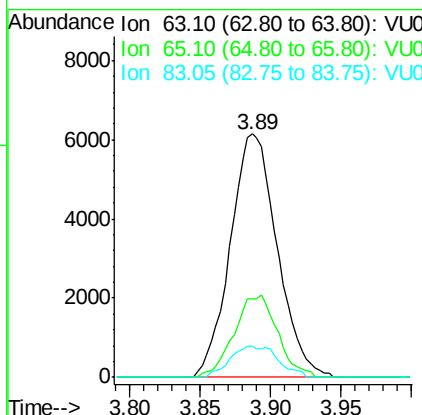
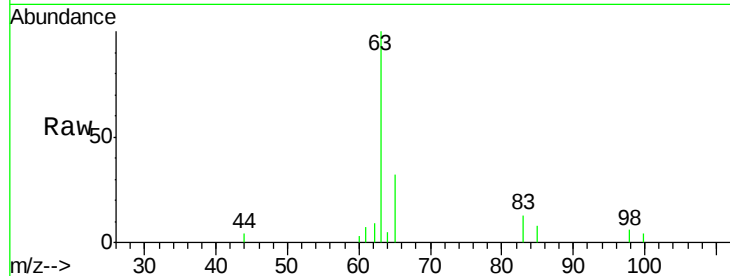
#19
 1,1-Dichloroethane
 Concen: 0.854 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VU041791.D
 Acq: 23 Dec 2020 18:57

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S6

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.3	39.6
83	12.9	9.3	17.3

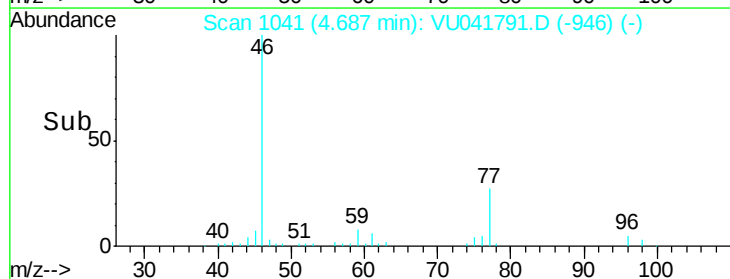
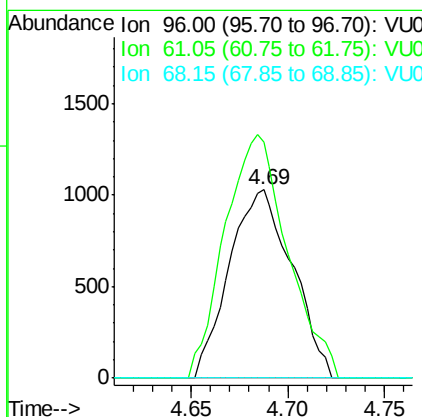
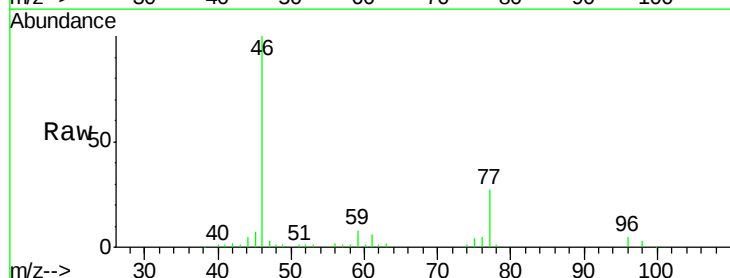
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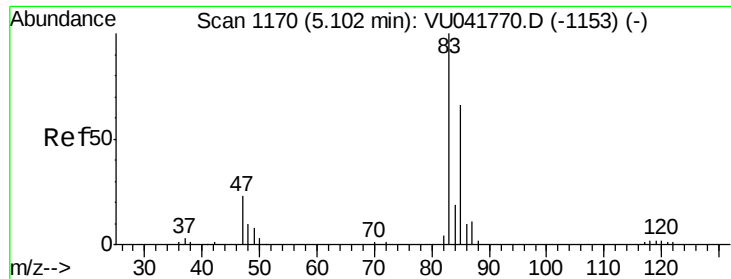
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#22
 cis-1,2-Dichloroethene
 Concen: 0.235 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: VU041791.D
 Acq: 23 Dec 2020 18:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.4	88.8	165.0
68	0.0	0.0	0.0





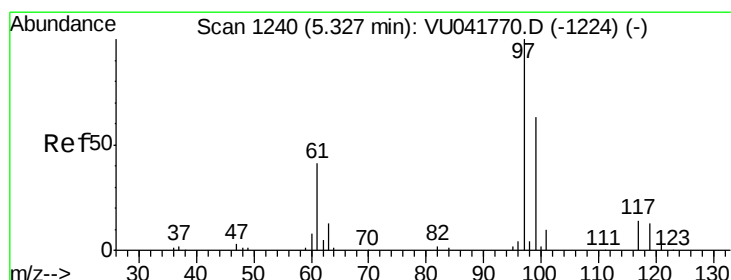
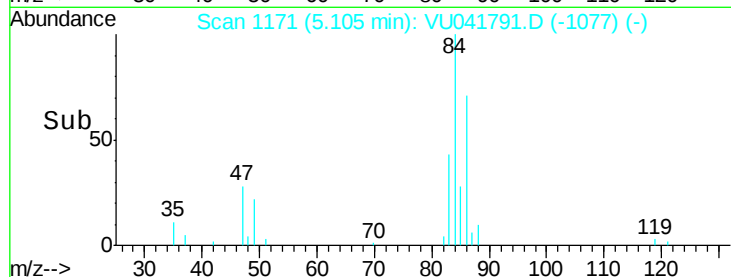
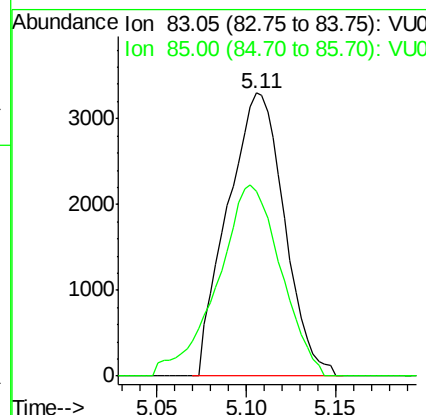
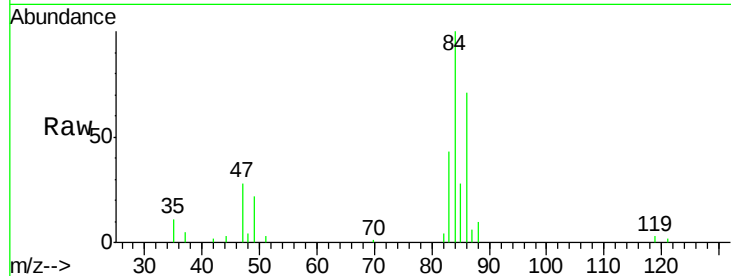
#25
Chloroform
Concen: 0.435 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041791.D
Acq: 23 Dec 2020 18:57

Instrument :
MSVOA_U
ClientSampled :
BG4S6

Tot Ion	83	Resp	7318
Ion Ratio	100	Lower	Upper
85	65.3	44.2	82.0

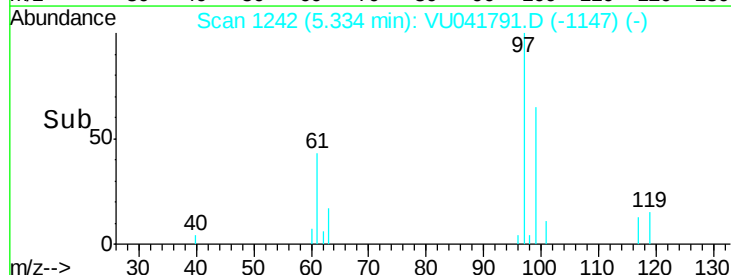
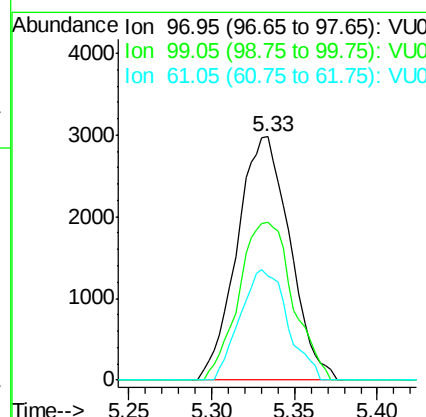
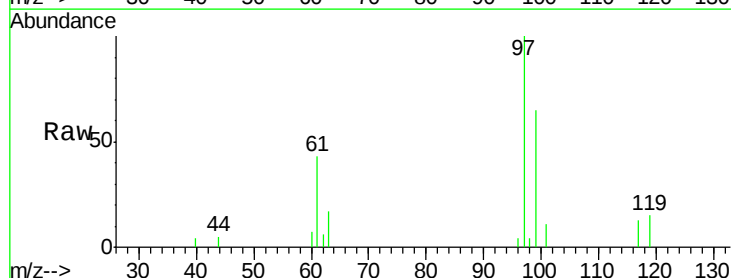
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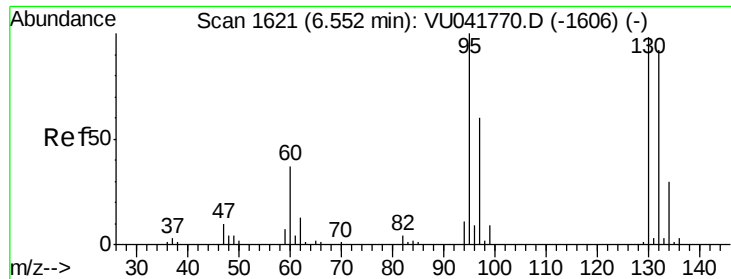
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#29
1,1,1-Trichloroethane
Concen: 0.457 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VU041791.D
Acq: 23 Dec 2020 18:57

Tgt Ion	97	Resp	6607
Ion Ratio	100	Lower	Upper
99	66.1	51.3	76.9
61	40.7	36.5	54.7





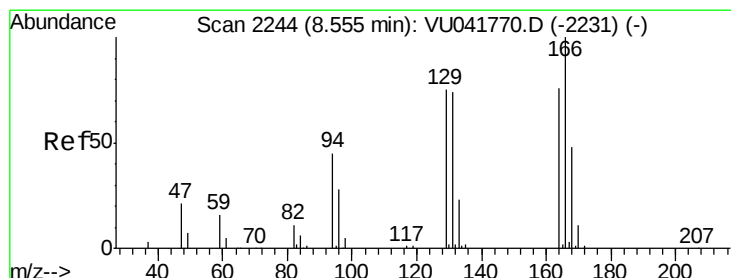
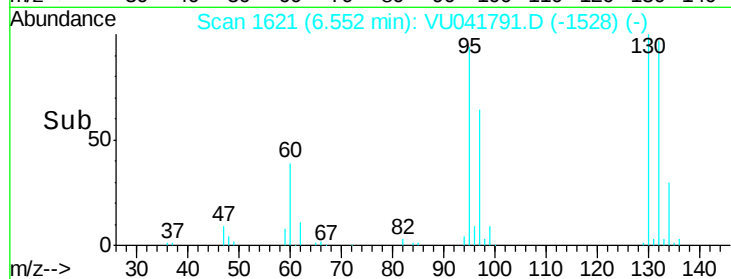
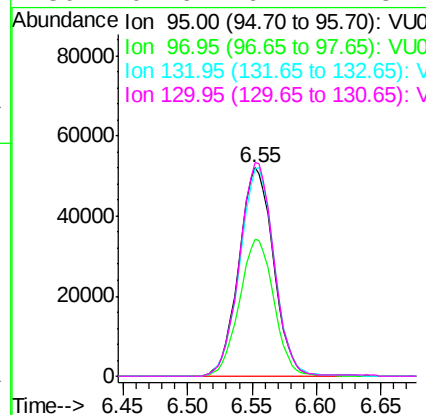
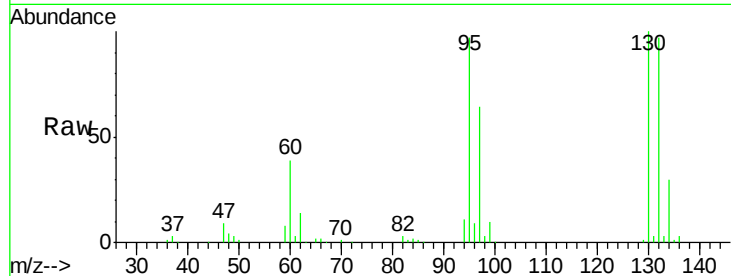
#34
 Trichloroethene
 Concen: 9.636 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041791.D
 Acq: 23 Dec 2020 18:57

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		97520		
97	65.8	43.9	81.5		
132	99.5	63.1	117.3		
130	102.6	67.4	125.2		

Manual Integrations
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#47
 Tetrachloroethene
 Concen: 0.173 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041791.D
 Acq: 23 Dec 2020 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		1229		
129	91.9	72.2	134.0		
131	101.3	66.9	124.3		
166	118.4	89.6	166.4		

