

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039796.D
 Acq On : 07 Aug 2020 20:06
 Operator : SY/MD
 Sample : L3617-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:35:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66920	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.92	69	16330	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	4.65	46	84181	53.27	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.54%
24) Chloroform-d	5.08	84	41510	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	26118	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	67936	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.70	67	25716	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.90	98	223	0.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.40%#
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.64	63	55607	49.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25546	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	27679	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

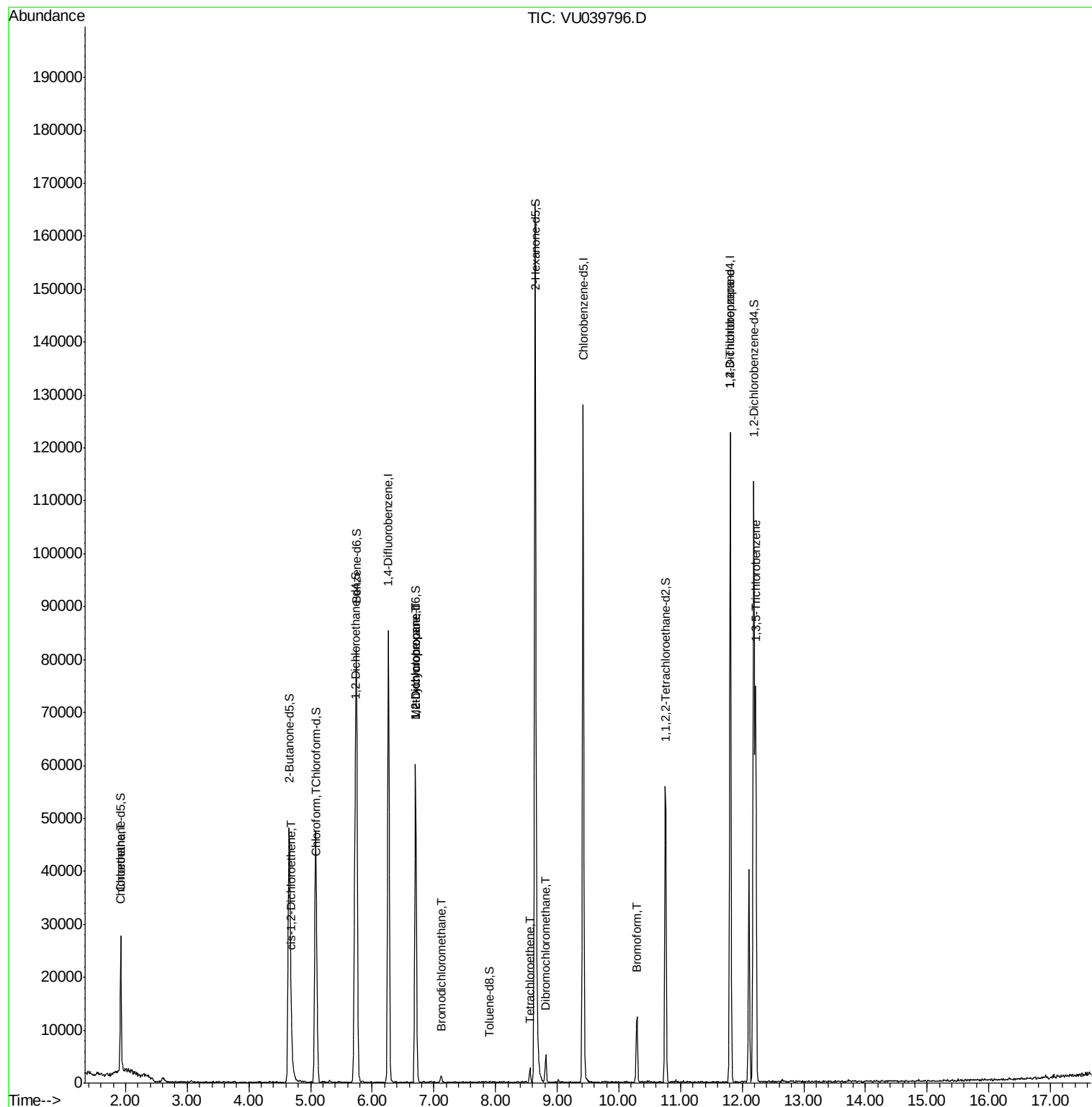
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	286	0.072	ug/L #	43
22) cis-1,2-Dichloroethene	4.69	96	433	0.090	ug/L	98
25) Chloroform	5.11	83	3459	0.394	ug/L	95
35) Methylcyclohexane	6.70	83	6130	0.811	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	2695	0.556	ug/L #	86
38) Bromodichloromethane	7.11	83	1003	0.158	ug/L #	87
47) Tetrachloroethene	8.56	164	583	0.149	ug/L	88
49) Dibromochloromethane	8.82	129	2570	0.575	ug/L	86
59) 1,2,3-Trichloropropane	11.81	75	4163	1.192	ug/L #	85
61) Bromoform	10.29	173	5321	2.545	ug/L #	93
67) 1,3,5-Trichlorobenzene	12.22	180	906	0.132	ug/L #	19

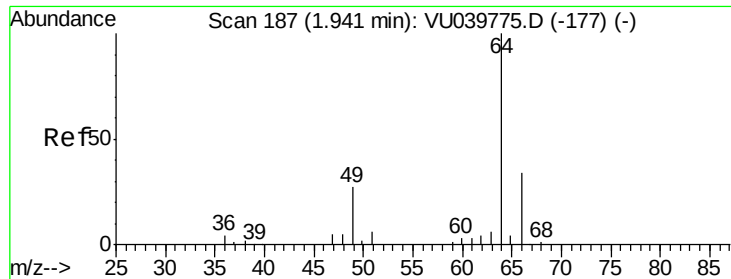
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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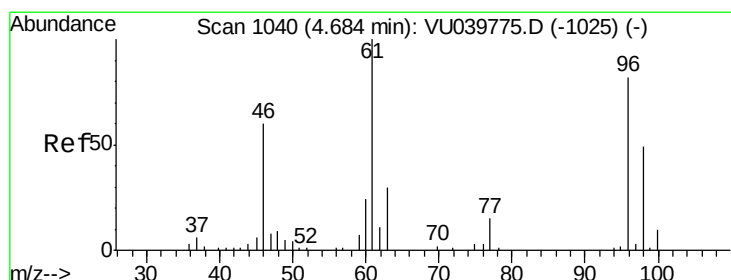
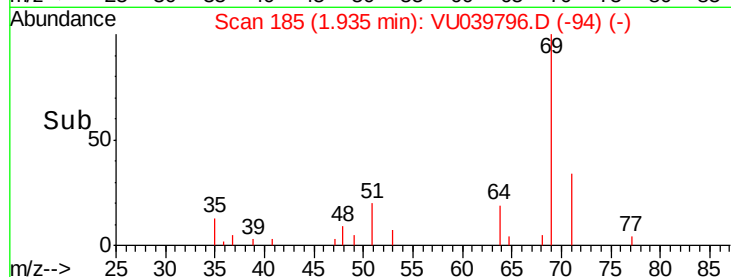
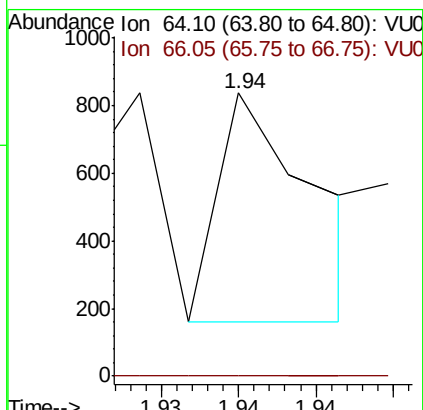
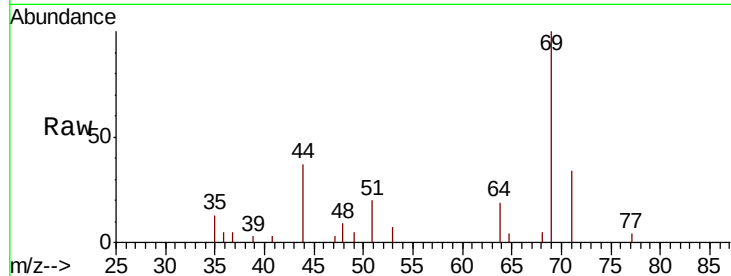




#8
Chloroethane
Concen: 0.072 ug/L
RT: 1.94 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU039796.D
Acq: 07 Aug 2020 20:06

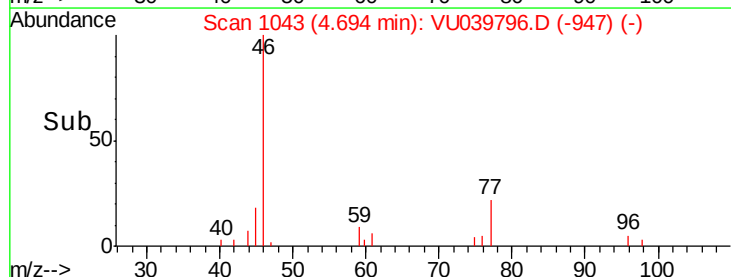
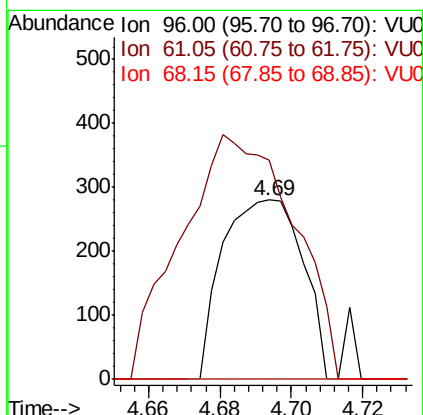
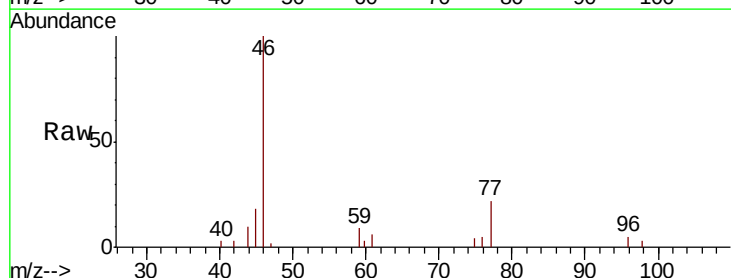
Instrument :
MSVOA_U
ClientSampleId :

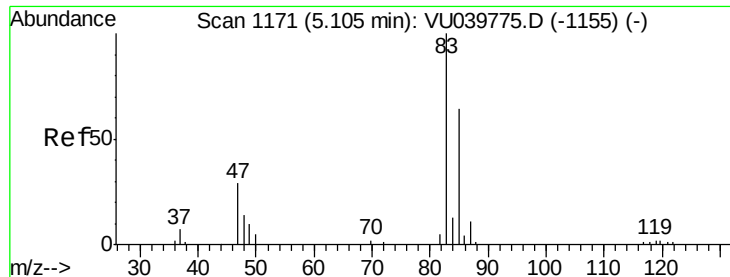
Tot Ion: 64 Resp: 286
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.3#



#22
cis-1,2-Dichloroethene
Concen: 0.090 ug/L
RT: 4.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VU039796.D
Acq: 07 Aug 2020 20:06

Tgt Ion: 96 Resp: 433
Ion Ratio Lower Upper
96 100
61 122.1 87.4 162.2
68 0.0 0.0 0.0

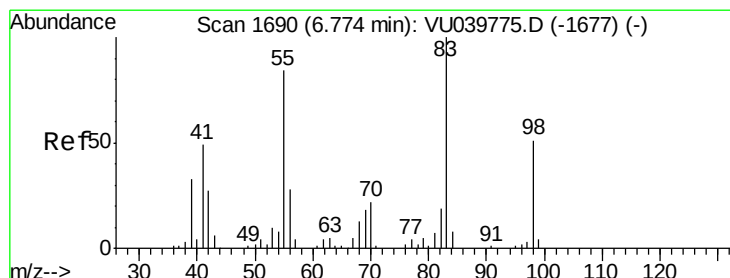
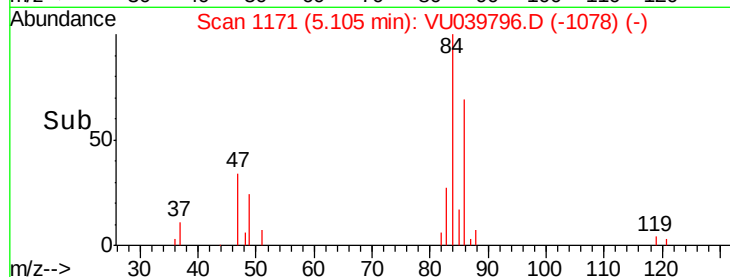
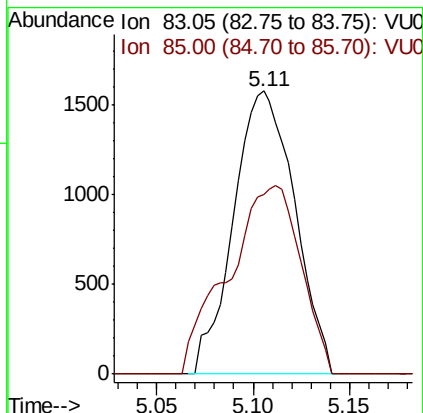
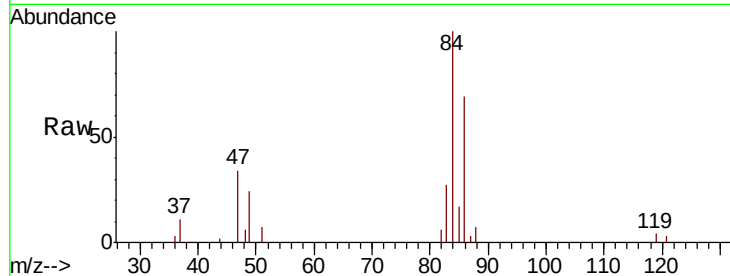




#25
Chloroform
Concen: 0.394 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039796.D
Acq: 07 Aug 2020 20:06

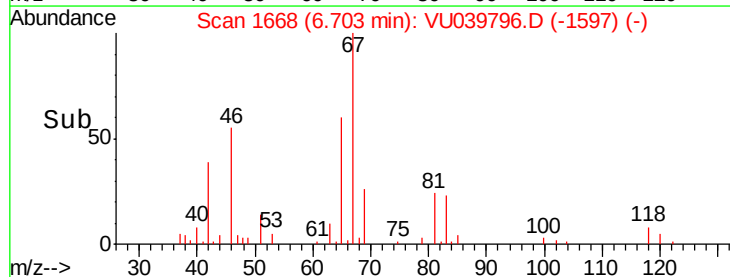
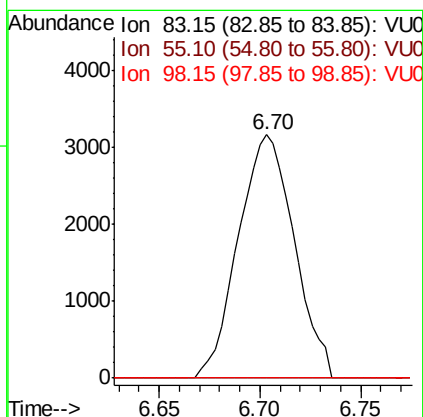
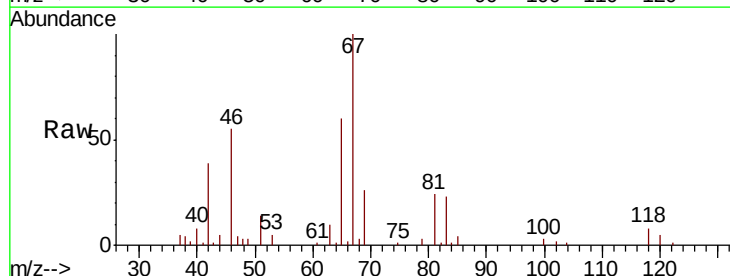
Instrument :
MSVOA_U
ClientSampleId :

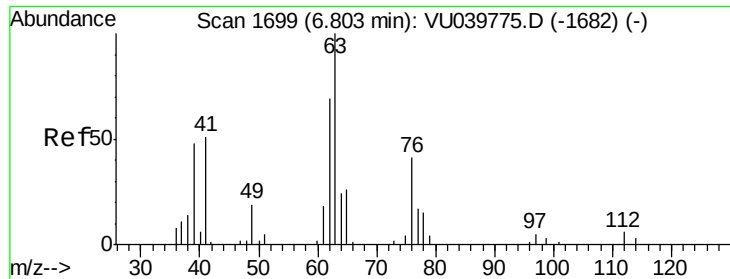
Tot Ion: 83 Resp: 3459
Ion Ratio Lower Upper
83 100
85 63.6 42.1 78.3



#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039796.D
Acq: 07 Aug 2020 20:06

Tgt Ion: 83 Resp: 6130
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.3 39.0 58.4#

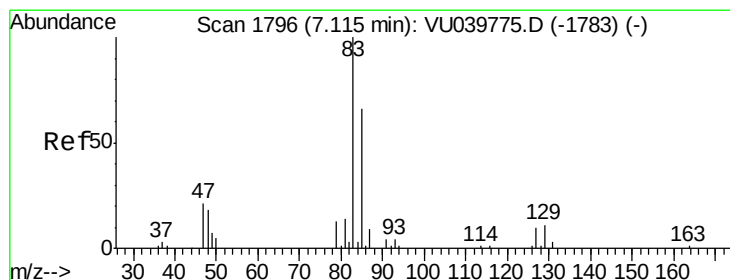
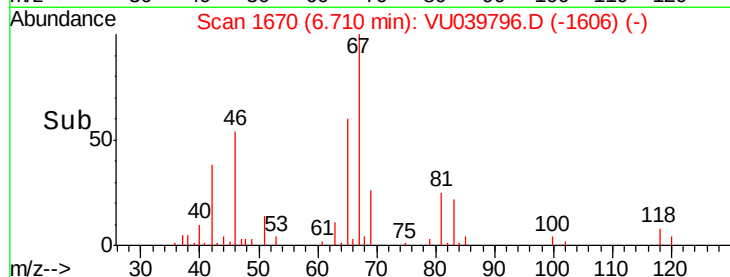
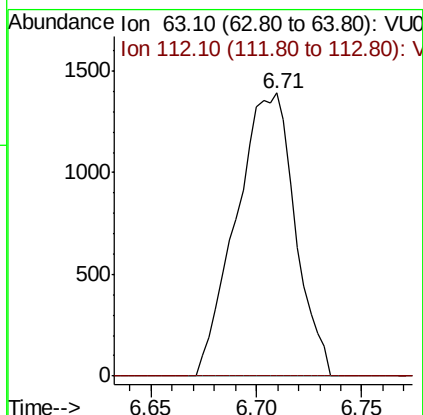
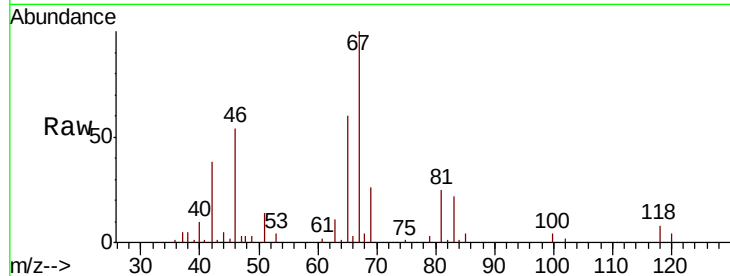




#37
 1,2-Dichloropropane
 Concen: 0.556 ug/L
 RT: 6.71 min Scan# 1670
 Delta R.T. -0.09 min
 Lab File: VU039796.D
 Acq: 07 Aug 2020 20:06

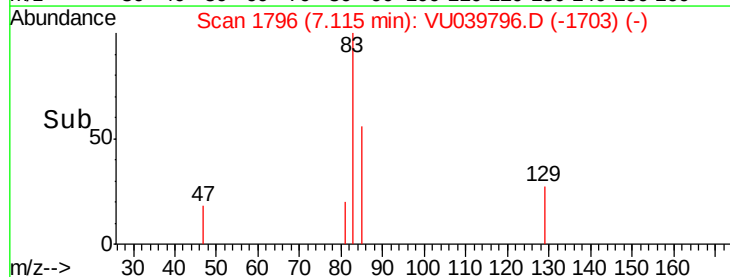
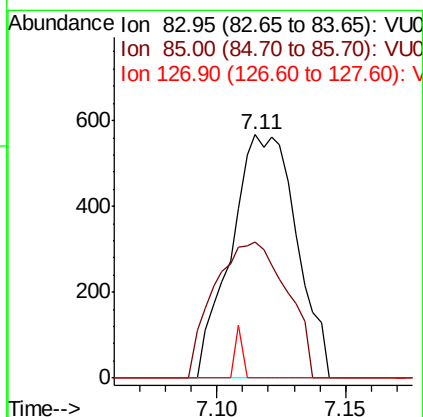
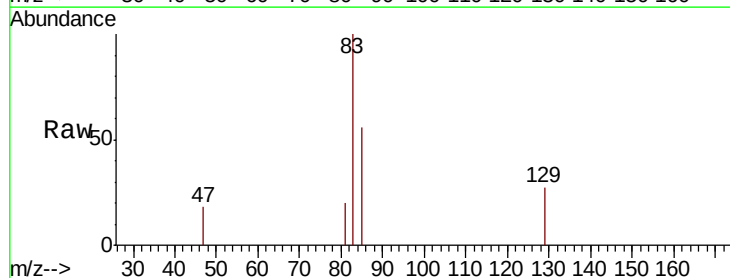
Instrument :
 MSVOA_U
 ClientSampleId :

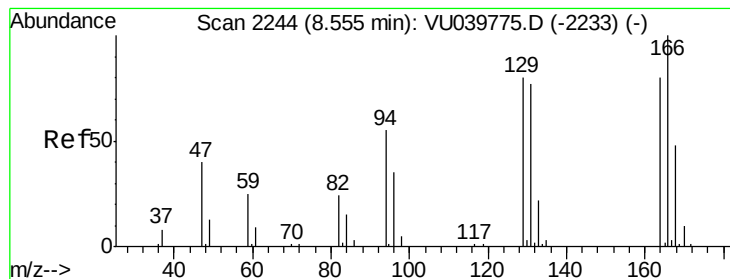
Tot Ion: 63 Resp: 2695
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#38
 Bromodichloromethane
 Concen: 0.158 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU039796.D
 Acq: 07 Aug 2020 20:06

Tgt Ion: 83 Resp: 1003
 Ion Ratio Lower Upper
 83 100
 85 56.1 45.3 84.1
 127 0.0 7.5 11.3#





#47

Tetrachloroethene

Concen: 0.149 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039796.D

Acq: 07 Aug 2020 20:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 583

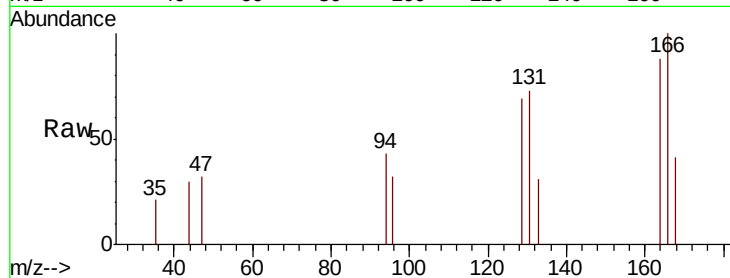
Ion Ratio Lower Upper

164 100

129 78.8 65.9 122.5

131 83.0 68.1 126.5

166 113.9 84.5 156.9

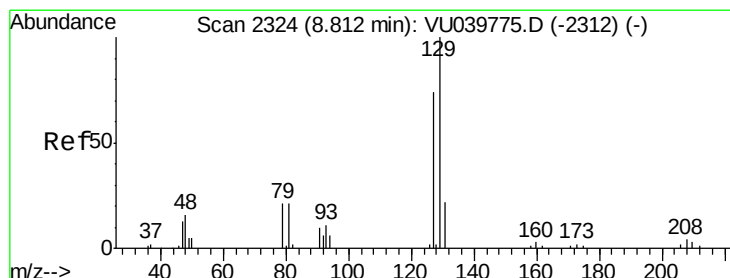
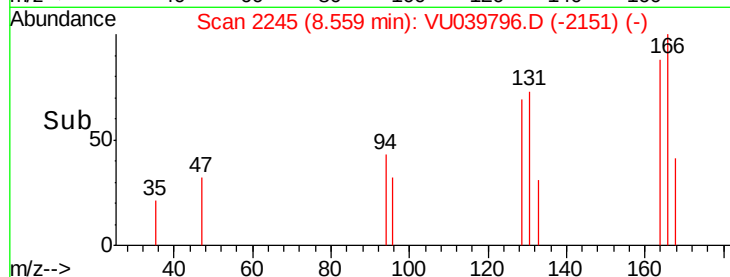
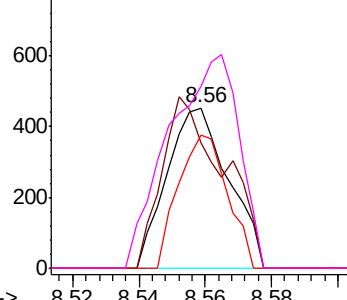


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.575 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU039796.D

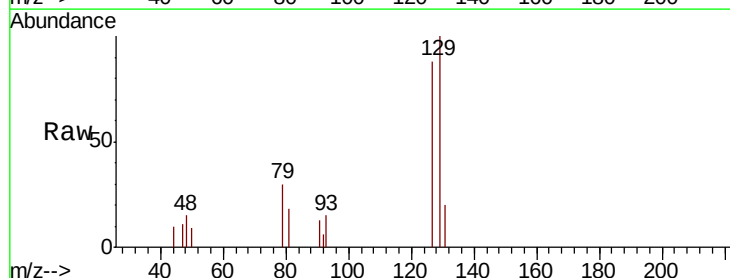
Acq: 07 Aug 2020 20:06

Tgt Ion:129 Resp: 2570

Ion Ratio Lower Upper

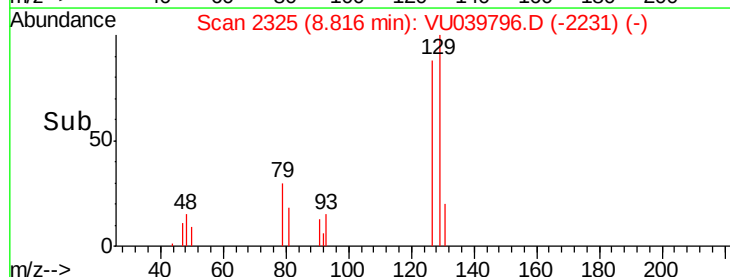
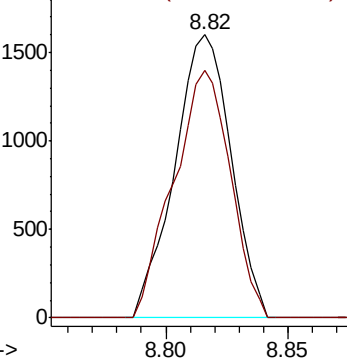
129 100

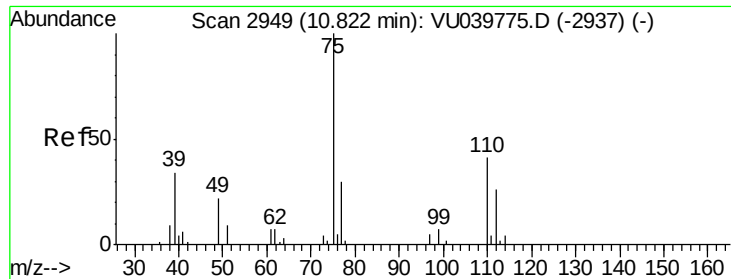
127 87.6 53.0 98.4



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.192 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039796.D

Acq: 07 Aug 2020 20:06

Instrument :

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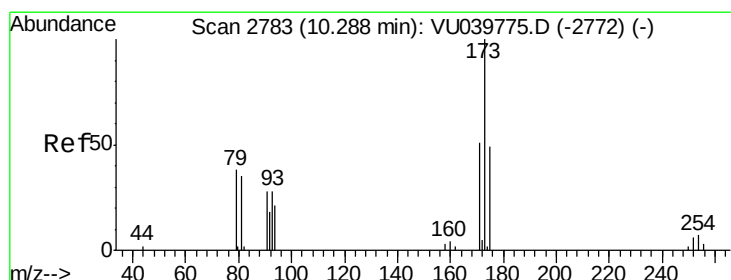
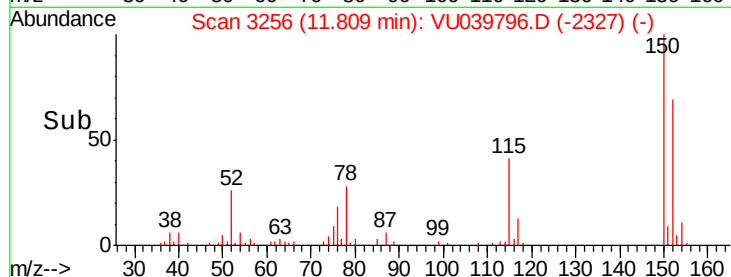
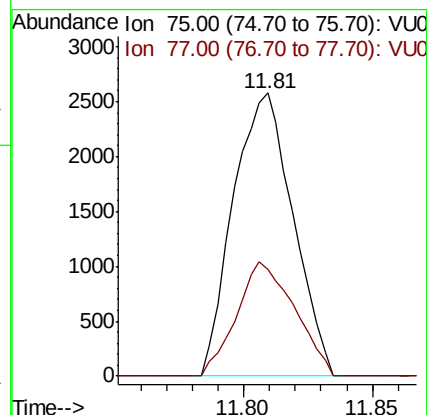
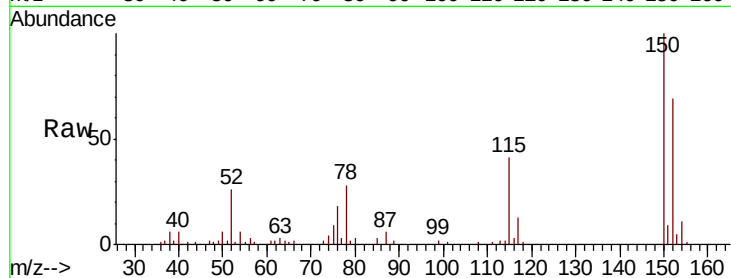
ClientSampleId :

Tot Ion: 75 Resp: 4163

Ion Ratio Lower Upper

75 100

77 39.2 24.6 37.0#



#61

Bromoform

Concen: 2.545 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU039796.D

Acq: 07 Aug 2020 20:06

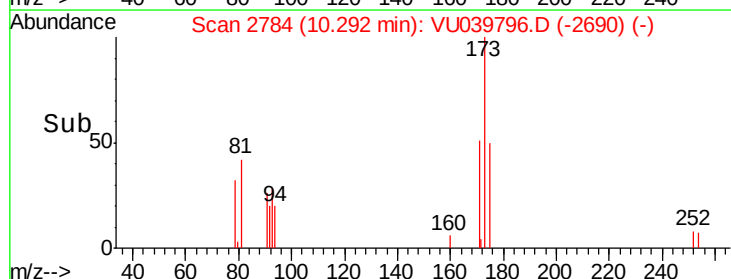
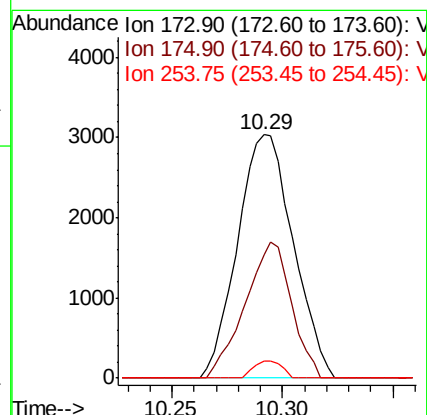
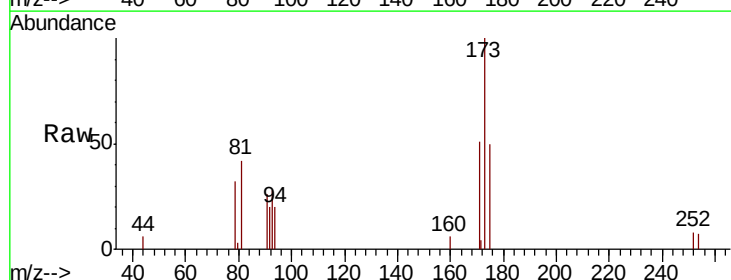
Tgt Ion: 173 Resp: 5321

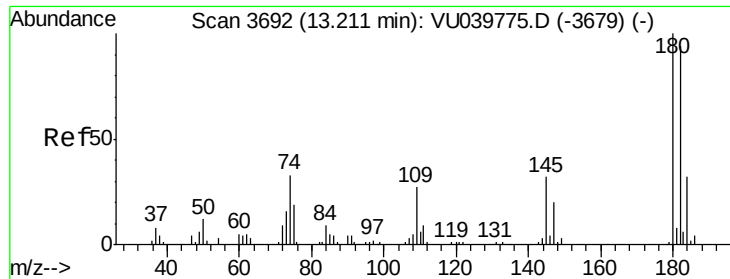
Ion Ratio Lower Upper

173 100

175 46.7 33.8 50.8

254 3.6 5.5 8.3#





#67

1,3,5-Trichlorobenzene

Concen: 0.132 ug/L

RT: 12.22 min Scan# 3384

Delta R.T. -0.99 min

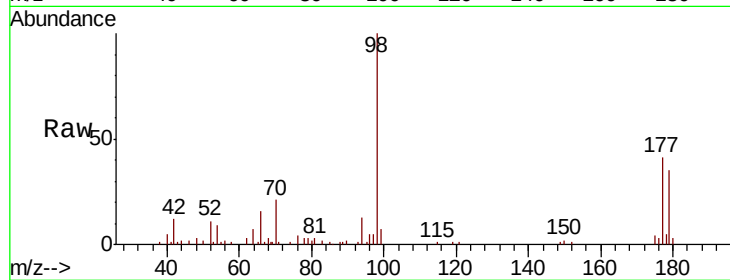
Lab File: VU039796.D

Acq: 07 Aug 2020 20:06

Instrument :

MSVOA_U

ClientSampleId :



Tot Ion:180 Resp: 906

Ion Ratio Lower Upper

180 100

182 0.0 74.9 112.3#

184 0.0 25.3 37.9#

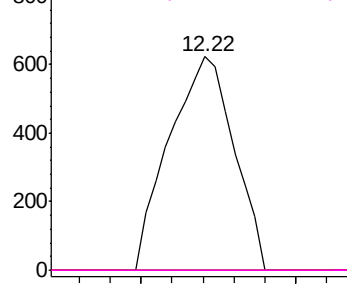
145 0.0 25.0 37.6#

Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



Time-->

