

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042015.D
 Acq On : 14 Jan 2021 05:28
 Operator : SY/MD
 Sample : M1129-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT62

Manual Integrations
 APPROVED

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 1/19/2021 3:13:07 PM

Quant Time: Jan 16 02:42:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	108193	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	106711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	46466	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46051	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.919	69	44950	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.568	63	74560	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.694	46	128743m	46.99	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.98%
24) Chloroform-d	5.079	84	83236	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.719	65	46920	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.739	84	156978	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.703	67	51888	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.902	98	131089	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloroprop...	8.185	79	20466	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.648	63	119352	51.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.40%
57) 1,1,2,2-Tetrachloroeth...	10.758	84	46391	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	47419	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	8036	0.64	ug/L	99
13) Acetone	2.800	43	16551m	9.67	ug/L	
14) Carbon disulfide	2.793	76	5894	0.21	ug/L #	94
17) Methyl tert-butyl Ether	3.388	73	3447	0.16	ug/L #	82
19) 1,1-Dichloroethane	3.880	63	2008	0.12	ug/L #	82
25) Chloroform	5.105	83	30304	1.79	ug/L	98
34) Trichloroethene	6.549	95	372449	37.73	ug/L	99
38) Bromodichloromethane	7.115	83	22852	1.72	ug/L	96
42) Toluene	7.976	91	6163	0.15	ug/L	98
47) Tetrachloroethene	8.555	164	8134	1.27	ug/L	98
49) Dibromochloromethane	8.816	129	13646	1.73	ug/L	99
61) Bromoform	10.291	173	2720	0.69	ug/L #	89

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

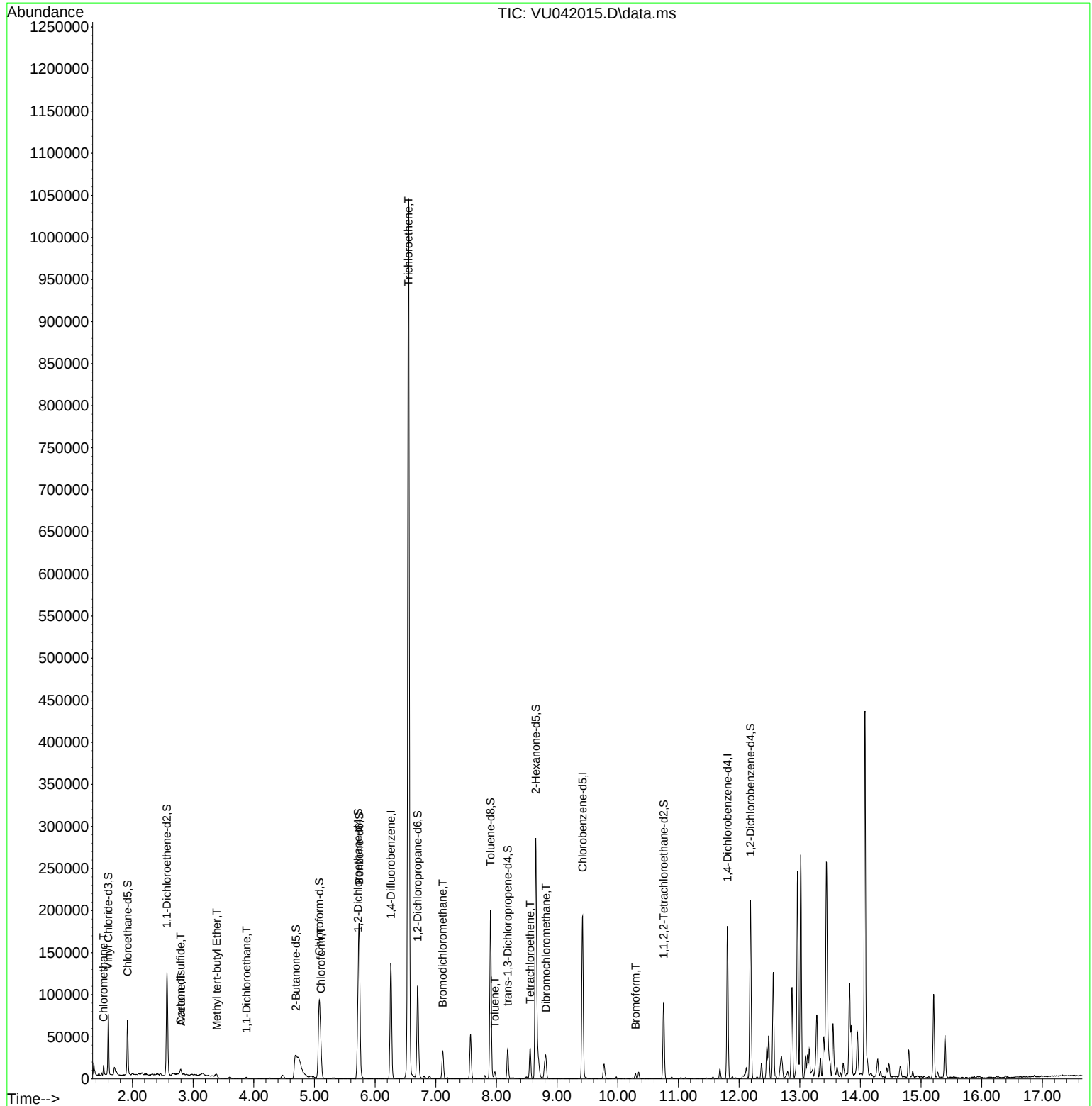
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Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
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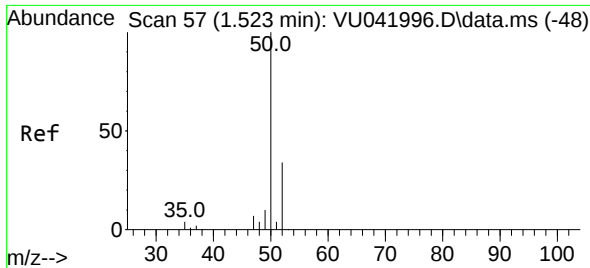
Instrument :
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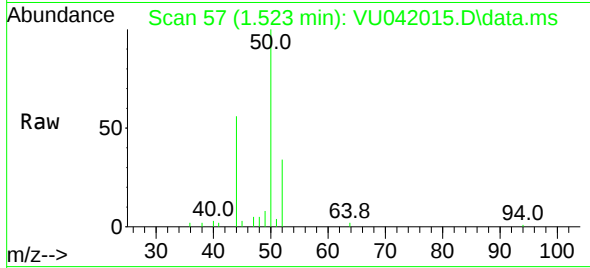
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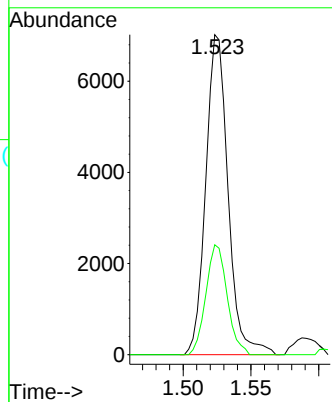




#3
Chloromethane
Concen: 0.64 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042015.D
Acq: 14 Jan 2021 05:28



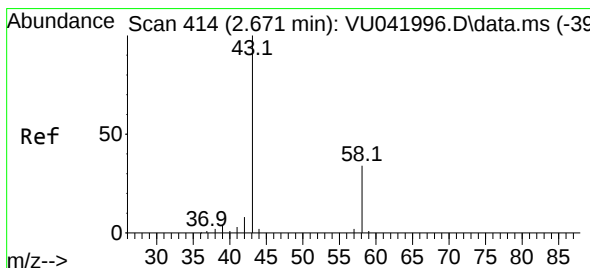
Tgt Ion: 50 Resp: 8036
Ion Ratio Lower Upper
50 100
52 34.3 23.5 43.7



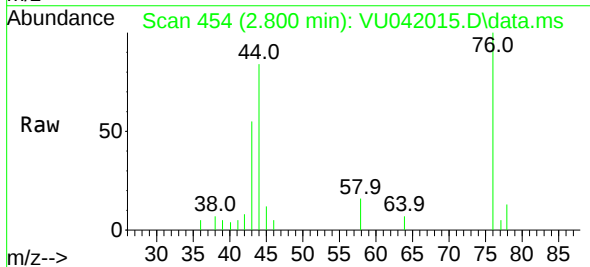
Instrument :
MSVOA_U
ClientSampleId :
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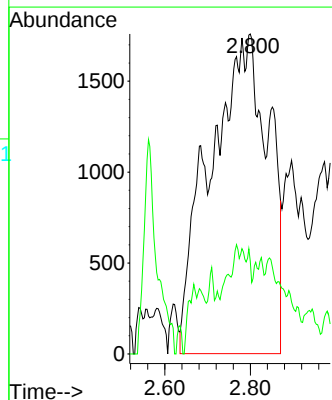
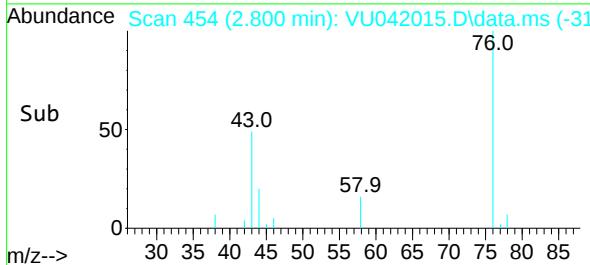
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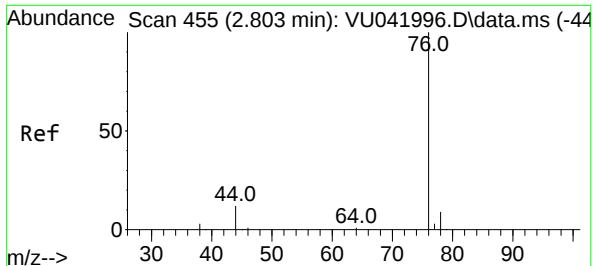


#13
Acetone
Concen: 9.67 ug/L m
RT: 2.800 min Scan# 454
Delta R.T. 0.135 min
Lab File: VU042015.D
Acq: 14 Jan 2021 05:28



Tgt Ion: 43 Resp: 16551
Ion Ratio Lower Upper
43 100
58 3.0 0.0 57.4





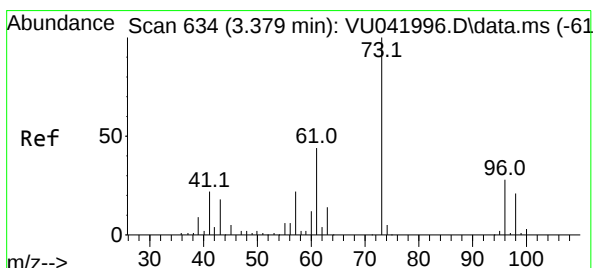
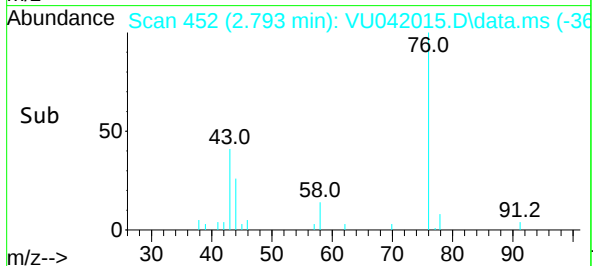
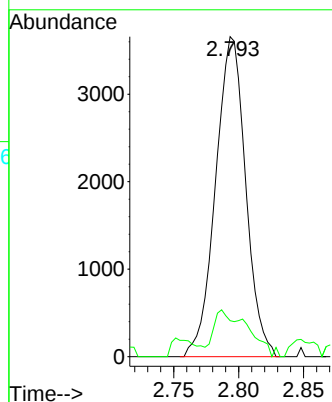
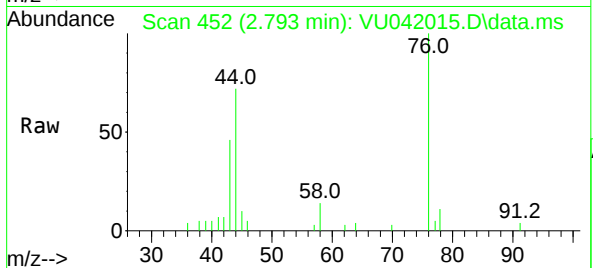
#14
Carbon disulfide
Concen: 0.21 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.007 min
Lab File: VU042015.D
Acq: 14 Jan 2021 05:28

Tgt Ion: 76 Resp: 5894
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.0#

Instrument :
MSVOA_U
ClientSampleId :
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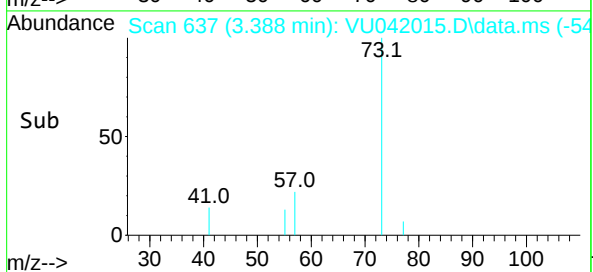
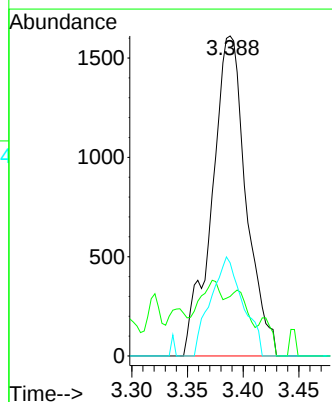
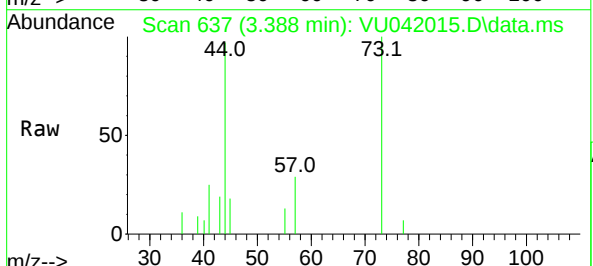
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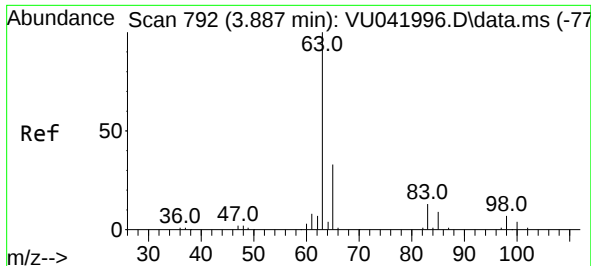
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#17
Methyl tert-butyl Ether
Concen: 0.16 ug/L
RT: 3.388 min Scan# 637
Delta R.T. 0.013 min
Lab File: VU042015.D
Acq: 14 Jan 2021 05:28

Tgt Ion: 73 Resp: 3447
Ion Ratio Lower Upper
73 100
43 8.9 15.1 22.7#
57 29.1 18.0 27.0#





#19

1,1-Dichloroethane

Concen: 0.12 ug/L

RT: 3.880 min Scan# 790

Delta R.T. -0.003 min

Lab File: VU042015.D

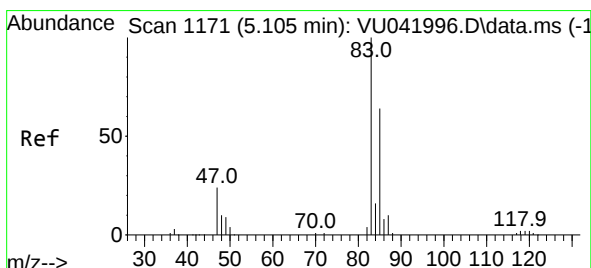
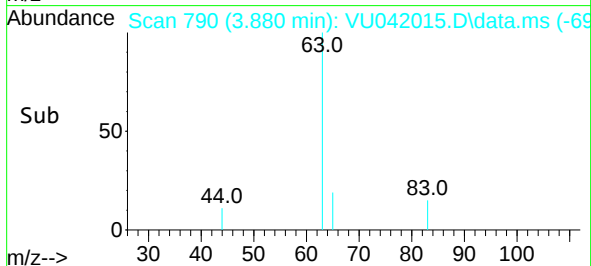
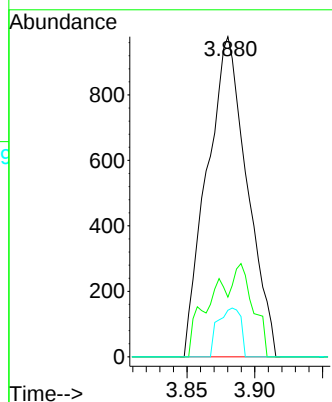
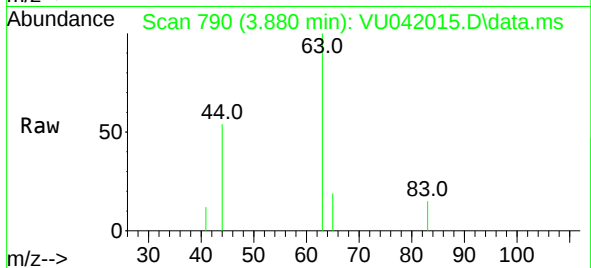
Acq: 14 Jan 2021 05:28

Tgt Ion: 63	Resp: 2008
Ion Ratio	Lower Upper
63 100	
65 18.6	22.7 42.1#
83 14.5	9.4 17.6

Instrument :
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ClientSampled :
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#25

Chloroform

Concen: 1.79 ug/L

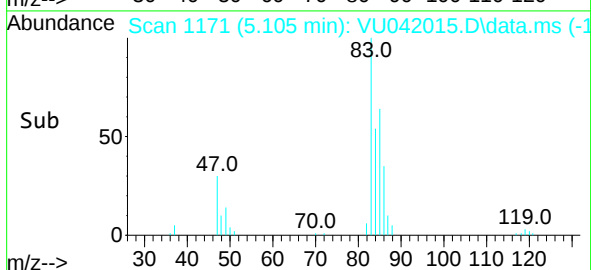
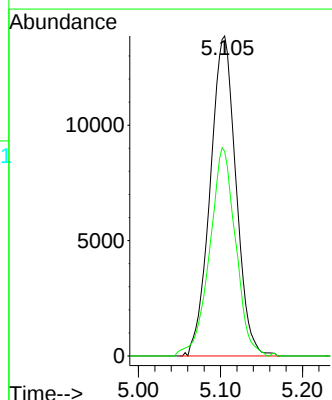
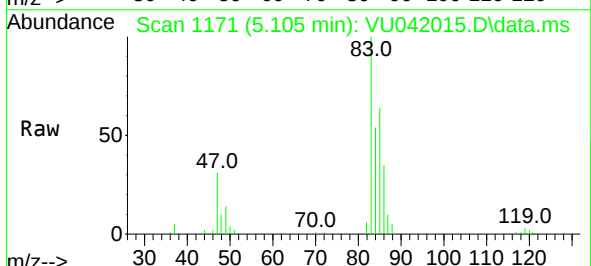
RT: 5.105 min Scan# 1171

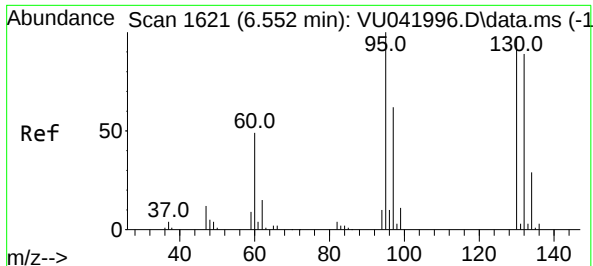
Delta R.T. 0.003 min

Lab File: VU042015.D

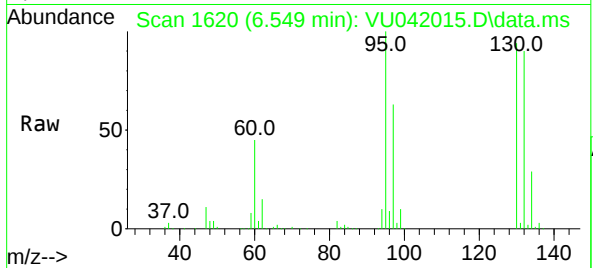
Acq: 14 Jan 2021 05:28

Tgt Ion: 83	Resp: 30304
Ion Ratio	Lower Upper
83 100	
85 63.9	46.1 85.7



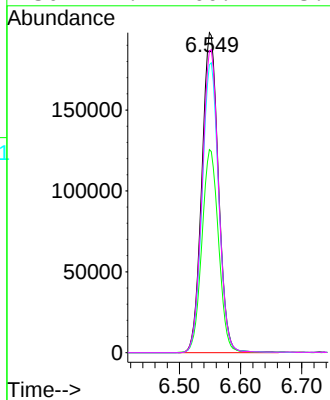


#34
Trichloroethene
Concen: 37.73 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042015.D
Acq: 14 Jan 2021 05:28



Tgt Ion: 95 Resp: 372449

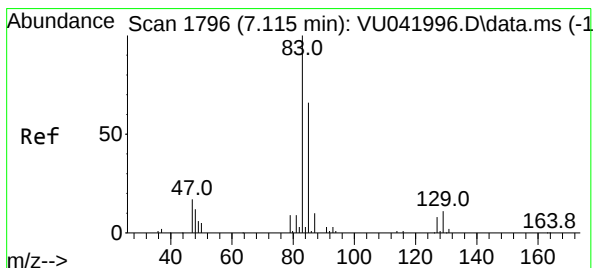
Ion	Ratio	Lower	Upper
95	100		
97	63.5	43.6	81.0
132	90.0	64.3	119.3
130	94.4	66.7	123.9



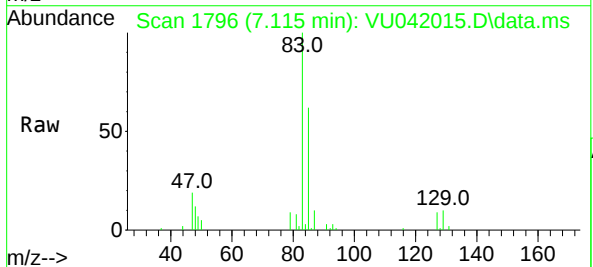
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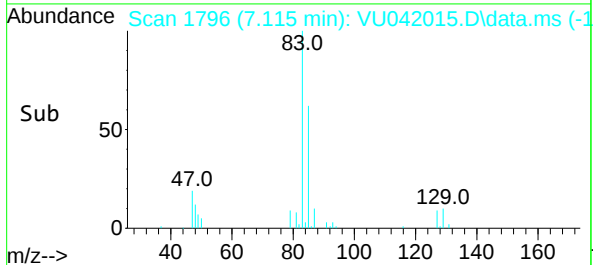
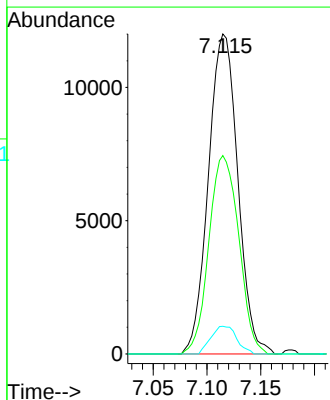


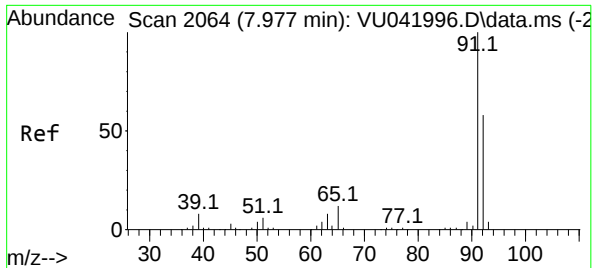
#38
Bromodichloromethane
Concen: 1.72 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU042015.D
Acq: 14 Jan 2021 05:28



Tgt Ion: 83 Resp: 22852

Ion	Ratio	Lower	Upper
83	100		
85	62.0	45.8	85.0
127	8.7	6.1	9.1





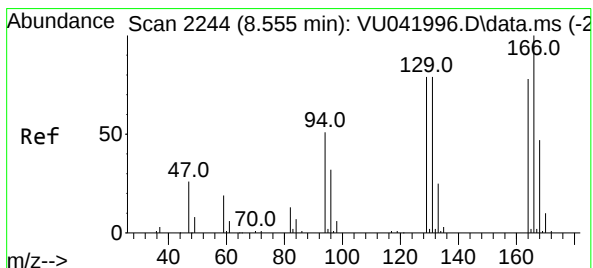
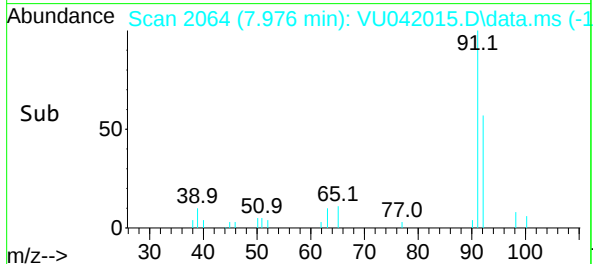
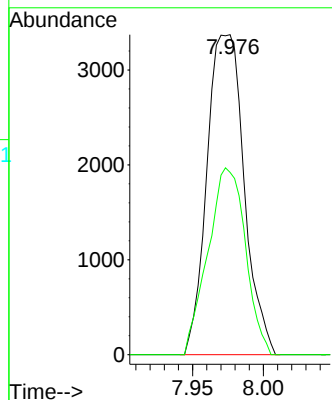
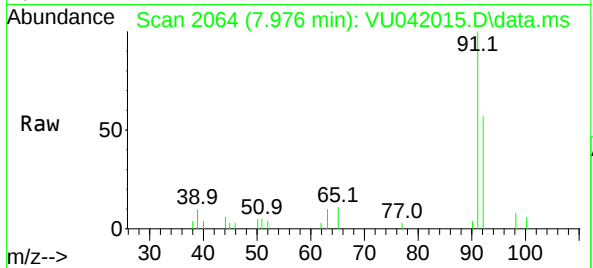
#42
Toluene
Concen: 0.15 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU042015.D
Acq: 14 Jan 2021 05:28

Tgt Ion: 91 Resp: 6163
Ion Ratio Lower Upper
91 100
92 57.0 40.7 75.7

Instrument :
MSVOA_U
ClientSampleId :
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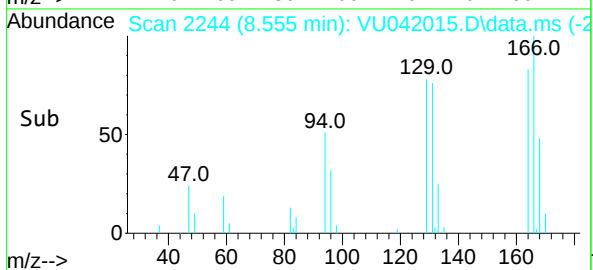
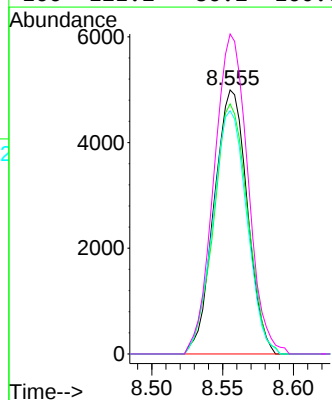
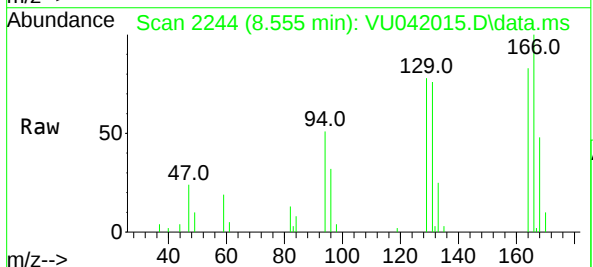
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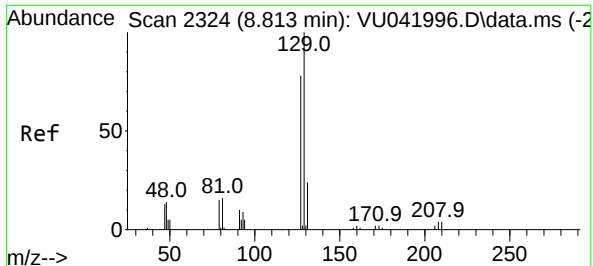
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#47
Tetrachloroethene
Concen: 1.27 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042015.D
Acq: 14 Jan 2021 05:28

Tgt Ion: 164 Resp: 8134
Ion Ratio Lower Upper
164 100
129 94.7 68.7 127.5
131 92.1 65.2 121.0
166 121.2 86.2 160.0





#49

Dibromochloromethane

Concen: 1.73 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.003 min

Lab File: VU042015.D

Acq: 14 Jan 2021 05:28

Tgt Ion:129 Resp: 13646

Ion Ratio Lower Upper

129 100

127 77.5 53.7 99.7

Instrument :

MSVOA_U

ClientSampleId :

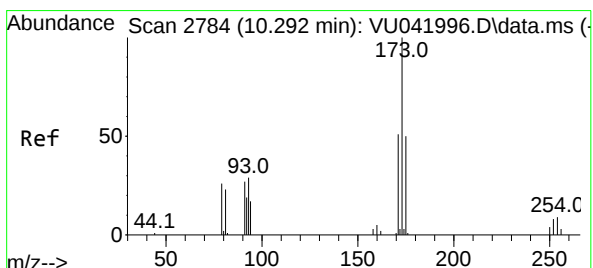
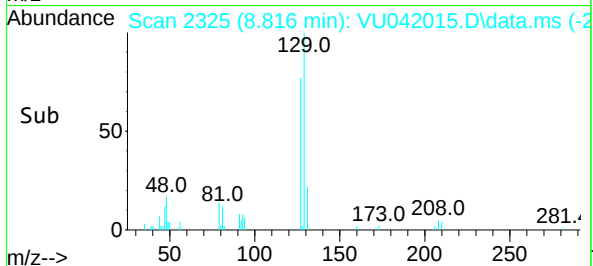
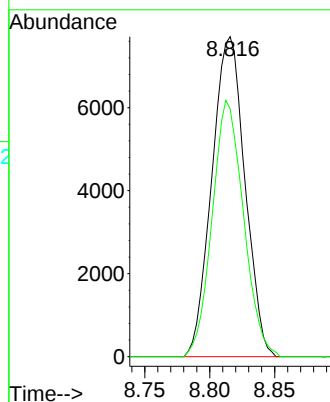
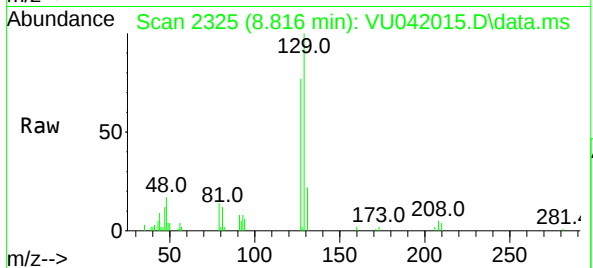
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#61

Bromoform

Concen: 0.69 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU042015.D

Acq: 14 Jan 2021 05:28

Tgt Ion:173 Resp: 2720

Ion Ratio Lower Upper

173 100

175 41.8 39.1 58.7

254 5.0 7.2 10.8#

