

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040776.D
 Acq On : 17 Oct 2020 21:14
 Operator : SY/MD
 Sample : L4423-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFG0

Quant Time: Oct 19 04:26:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33592	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	33442	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	55653	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.66	46	176906	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	5.08	84	83634	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	54005	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.75	84	145528	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	53766	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.91	98	109386	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.19	79	19970	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	115950	48.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49259	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48128	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

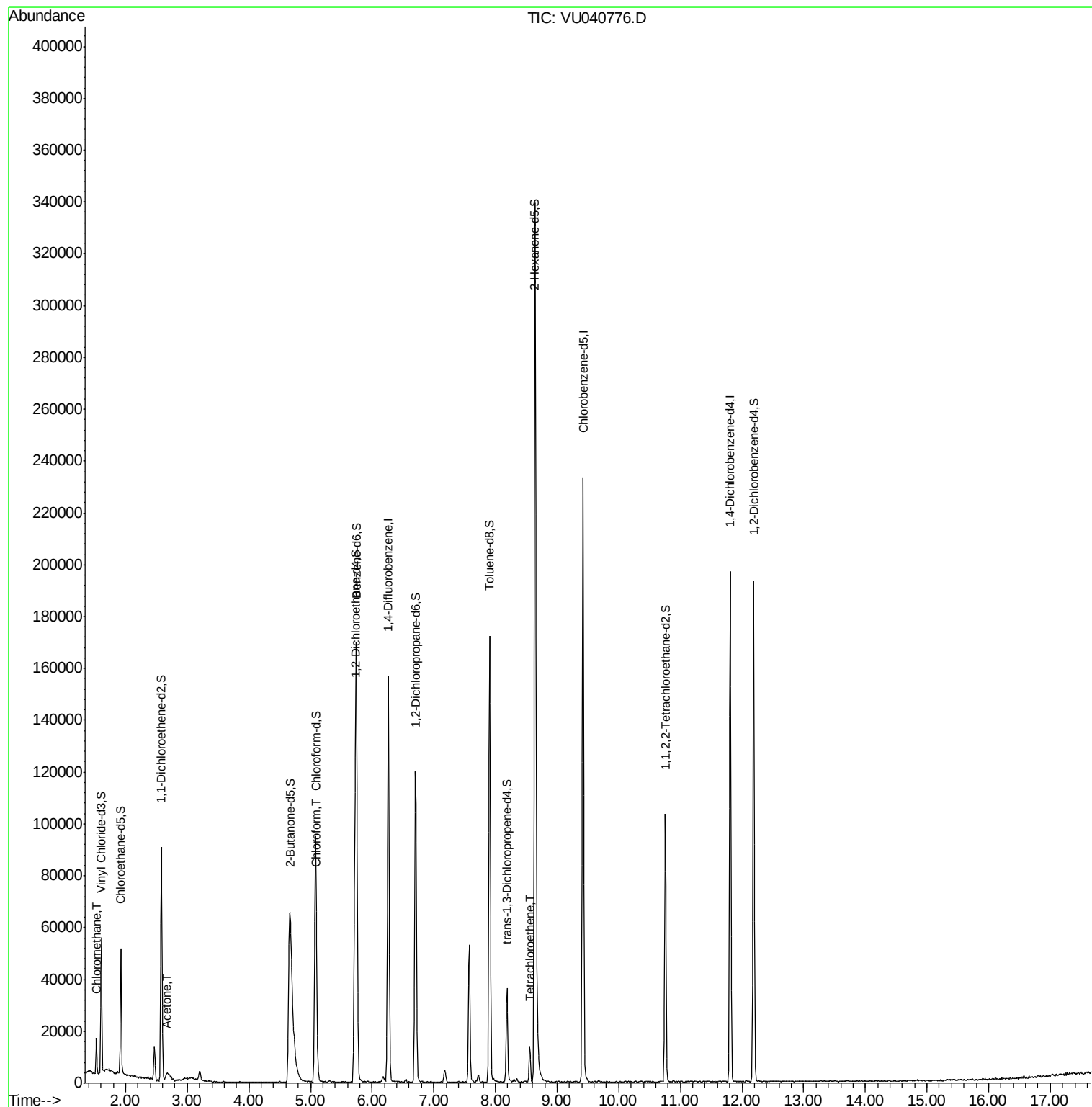
Target Compounds					Ovalue
3) Chloromethane	1.53	50	9368	0.936 ug/L	95
13) Acetone	2.68	43	9269	3.819 ug/L	67
25) Chloroform	5.11	83	5318	0.286 ug/L	94
47) Tetrachloroethene	8.56	164	3010	0.415 ug/L	93

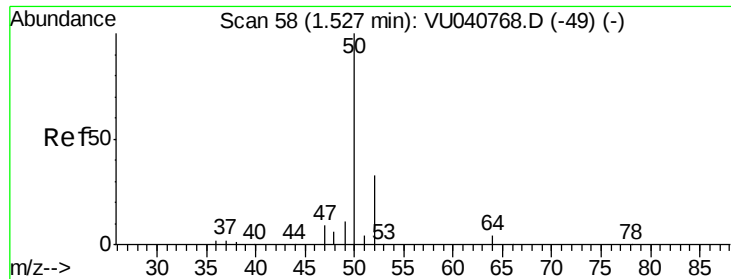
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.936 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040776.D

Acq: 17 Oct 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

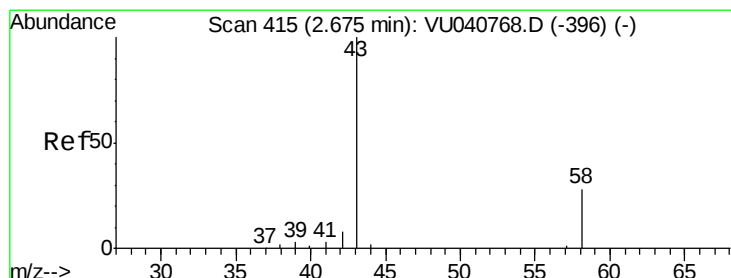
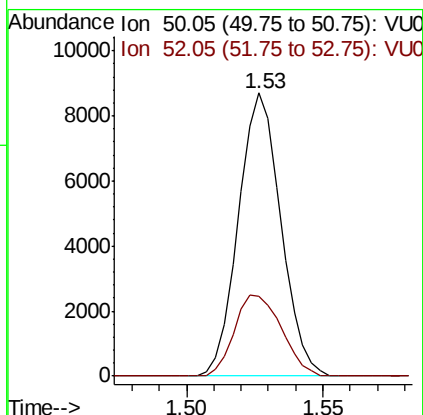
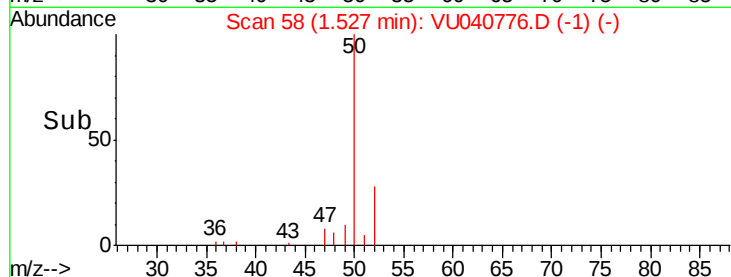
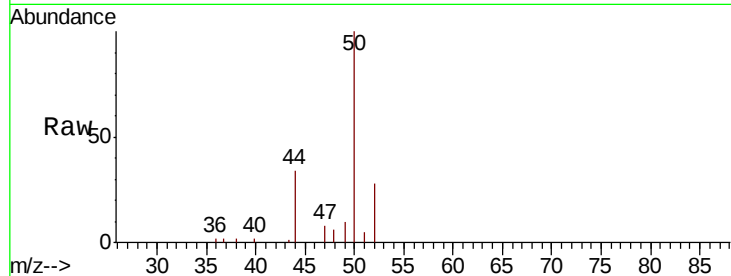
BFSG0

Tot Ion: 50 Resp: 9368

Ion Ratio Lower Upper

50 100

52 28.3 21.9 40.7



#13

Acetone

Concen: 3.819 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

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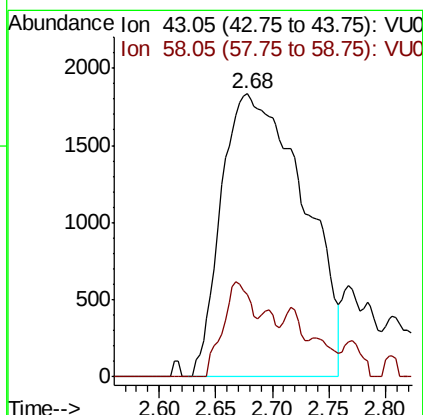
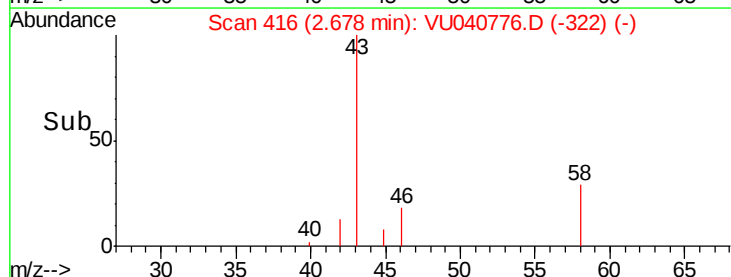
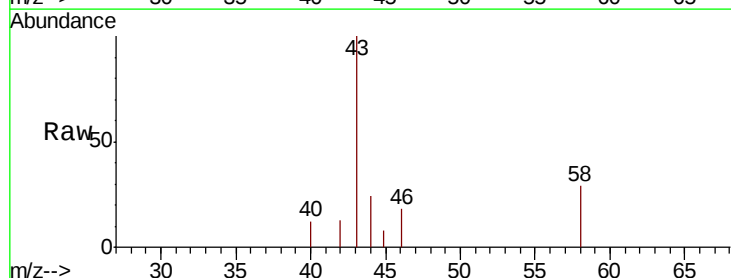
Acq: 17 Oct 2020 21:14

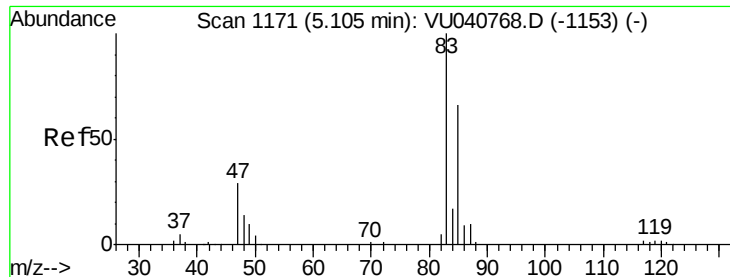
Tgt Ion: 43 Resp: 9269

Ion Ratio Lower Upper

43 100

58 12.2 0.0 60.6

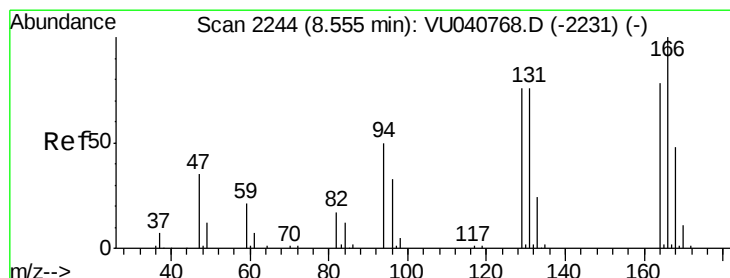
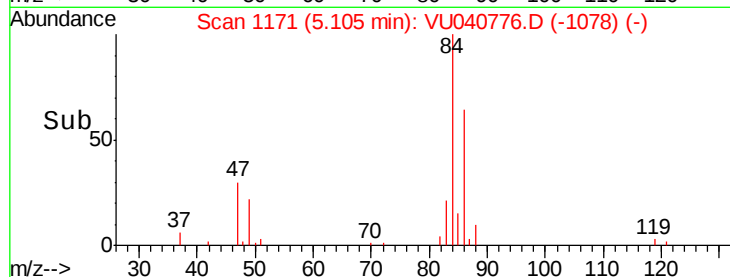
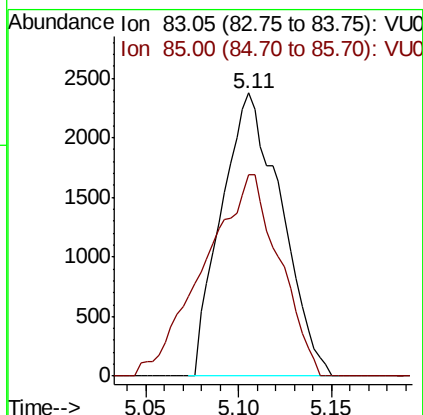
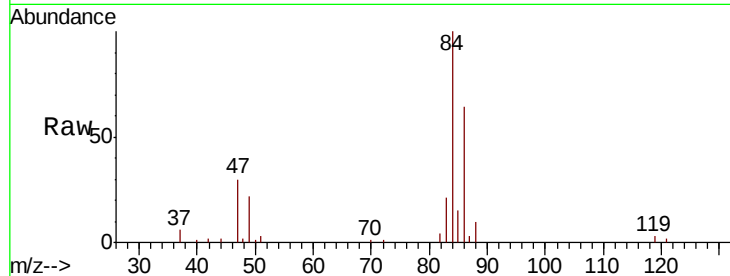




#25
Chloroform
Concen: 0.286 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
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Instrument :
MSVOA_U
ClientSampled :
BFSG0

Tot Ion: 83 Resp: 5318
Ion Ratio Lower Upper
83 100
85 71.2 46.5 86.5



#47
Tetrachloroethene
Concen: 0.415 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040776.D
Acq: 17 Oct 2020 21:14

Tgt Ion:164 Resp: 3010
Ion Ratio Lower Upper
164 100
129 89.0 68.8 127.8
131 99.2 66.7 123.9
166 128.9 83.9 155.7

