

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040595.D
 Acq On : 09 Oct 2020 19:34
 Operator : SY/MD
 Sample : L4349-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSD9

Quant Time: Oct 10 05:43:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	159297	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	160515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	51384	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.92	69	43459	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.58	63	76663	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.65	46	197339	46.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	5.08	84	99099	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.72	65	60008	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.74	84	183436	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	62463	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	151156	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.19	79	24822	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	141509	45.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55612	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	62239	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

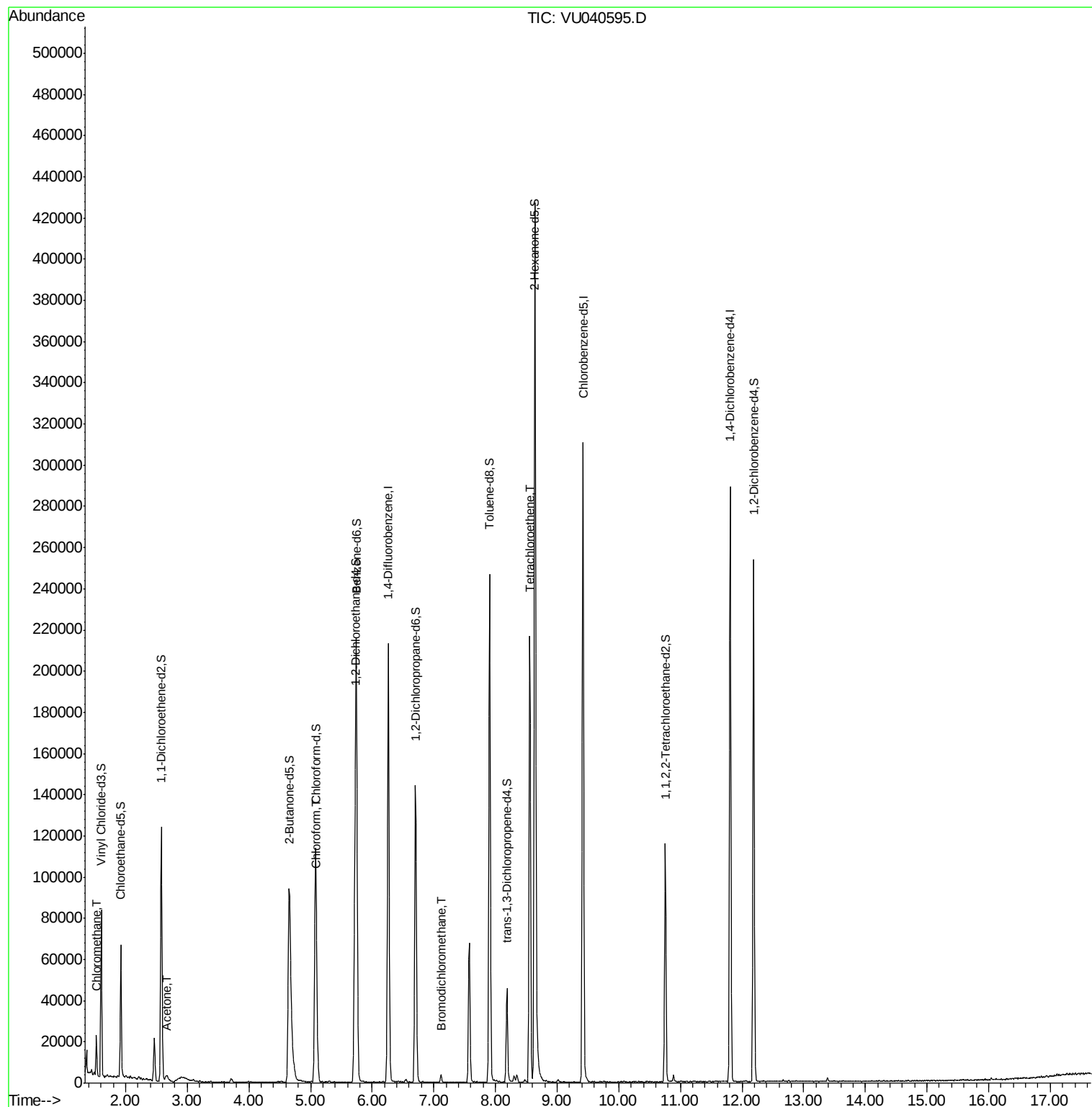
					Ovalue
3) Chloromethane	1.53	50	12948	0.959 ug/L	90
13) Acetone	2.66	43	6628	2.024 ug/L	67
25) Chloroform	5.11	83	12226	0.487 ug/L	95
38) Bromodichloromethane	7.12	83	2490	0.136 ug/L #	94
47) Tetrachloroethene	8.56	164	44861	4.704 ug/L	93

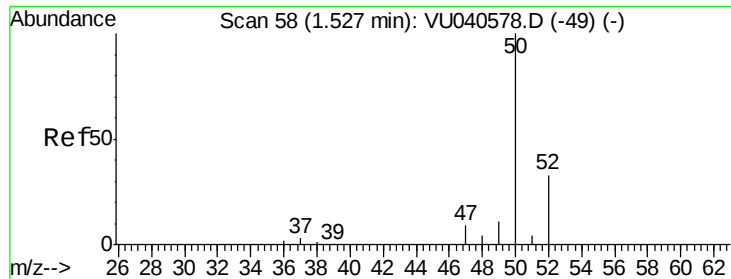
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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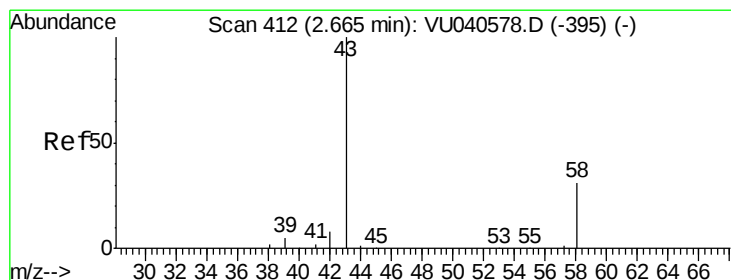
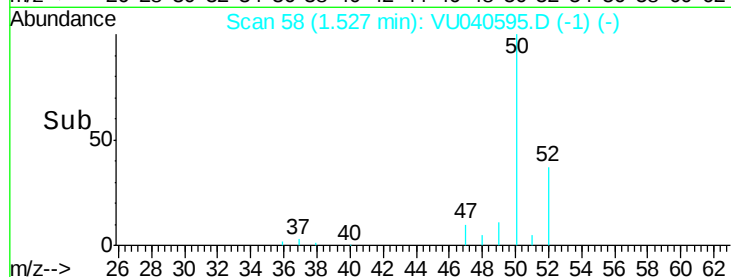
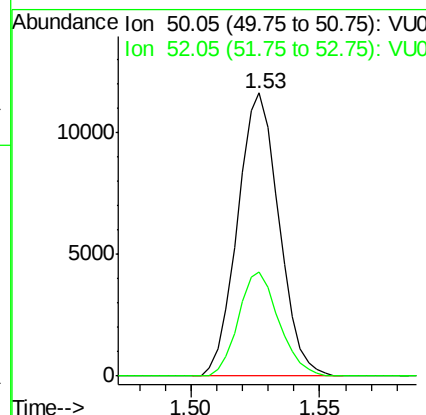
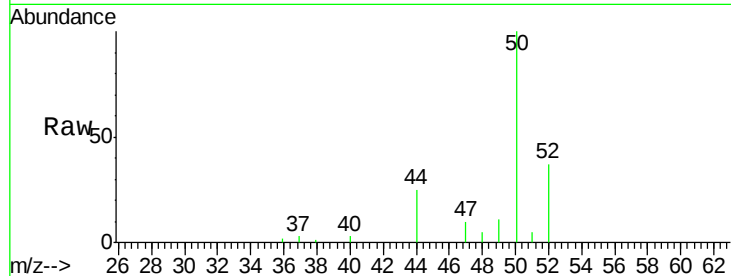




#3
 Chloromethane
 Concen: 0.959 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU040595.D
 Acq: 09 Oct 2020 19:34

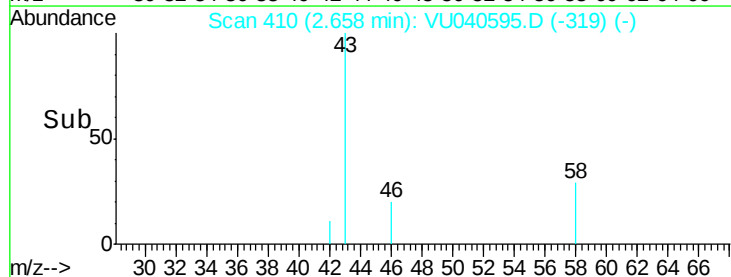
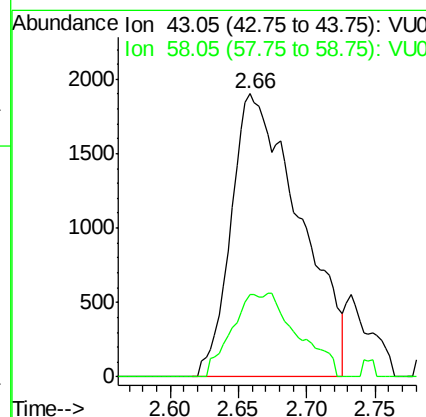
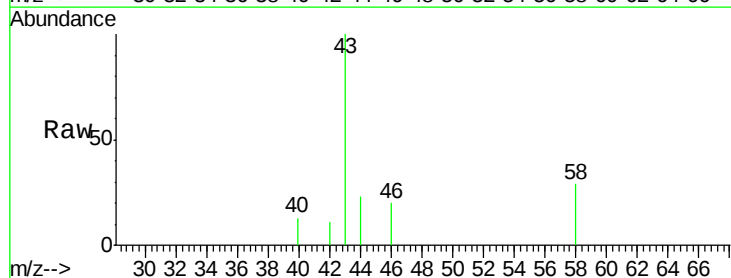
Instrument :
 MSVOA_U
 ClientSampleId :
 BFS9

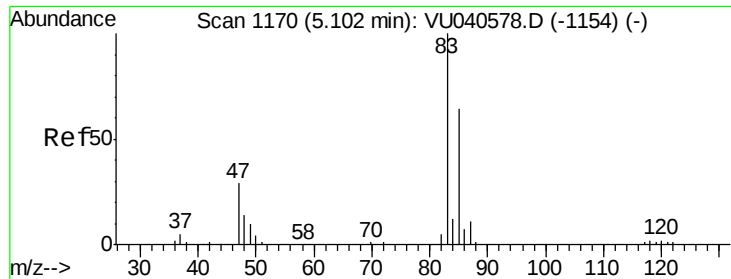
Tot Ion: 50 Resp: 12948
 Ion Ratio Lower Upper
 50 100
 52 36.6 21.9 40.7



#13
 Acetone
 Concen: 2.024 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU040595.D
 Acq: 09 Oct 2020 19:34

Tgt Ion: 43 Resp: 6628
 Ion Ratio Lower Upper
 43 100
 58 12.2 0.0 60.6





#25

Chloroform

Concen: 0.487 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040595.D

Acq: 09 Oct 2020 19:34

Instrument :

MSVOA_U

ClientSampled :

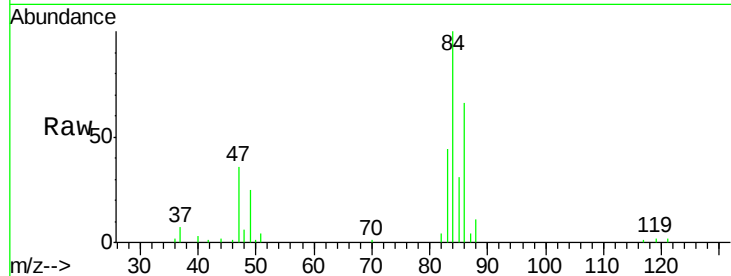
BFS09

Tot Ion: 83 Resp: 12226

Ion Ratio Lower Upper

83 100

85 70.3 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

5.11

6000

5000

4000

3000

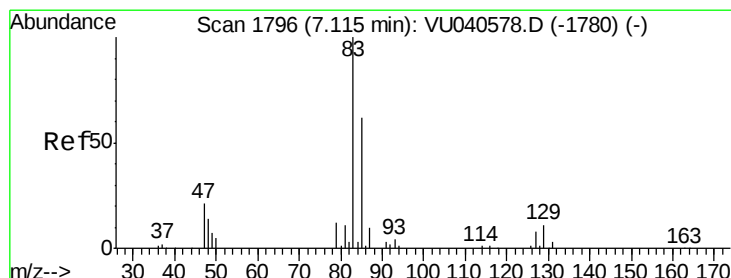
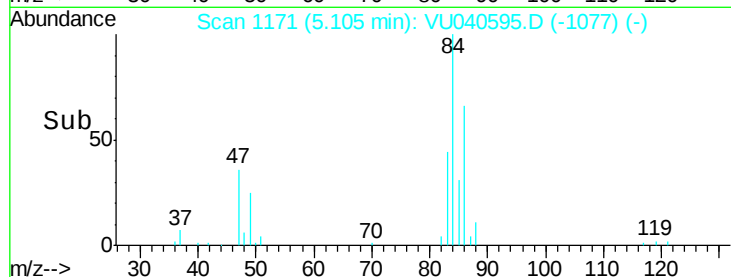
2000

1000

0

5.05 5.10 5.15

Time-->



#38

Bromodichloromethane

Concen: 0.136 ug/L

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU040595.D

Acq: 09 Oct 2020 19:34

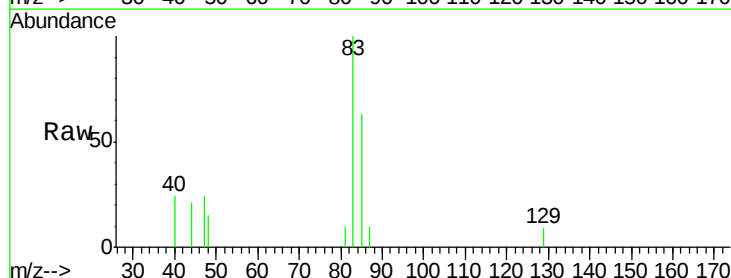
Tgt Ion: 83 Resp: 2490

Ion Ratio Lower Upper

83 100

85 63.0 46.0 85.4

127 0.0 6.7 10.1#



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): V

2000

1500

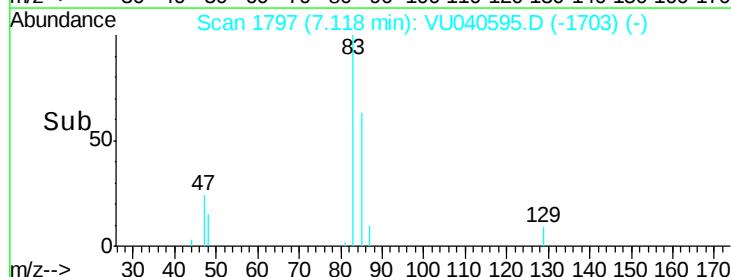
1000

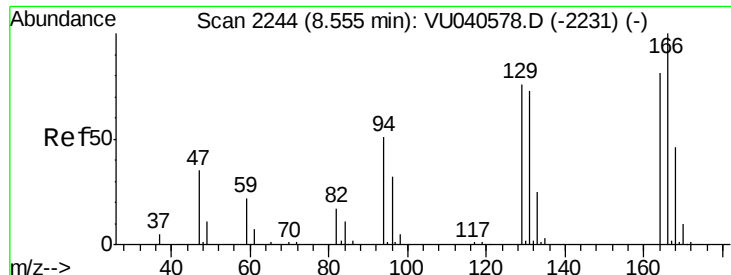
500

0

7.10 7.12 7.15

Time-->





#47

Tetrachloroethene

Concen: 4.704 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040595.D

Acq: 09 Oct 2020 19:34

Instrument :

MSVOA_U

ClientSampleId :

BFSD9

Tot Ion:164 Resp: 44861

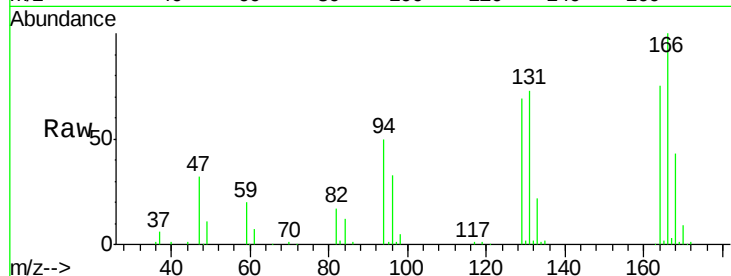
Ion Ratio Lower Upper

164 100

129 91.1 68.8 127.8

131 96.4 66.7 123.9

166 132.6 83.9 155.7



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

