

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040505.D
 Acq On : 05 Oct 2020 13:25
 Operator : SY/MD
 Sample : L4266-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR6

Quant Time: Oct 06 08:22:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29289	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.92	69	25726	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	46910	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.66	46	130975	45.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.22%
24) Chloroform-d	5.08	84	65189	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.72	65	42238	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.75	84	122778	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.70	67	43384	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	101323	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.19	79	17060	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	89467	41.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39346	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	43283	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

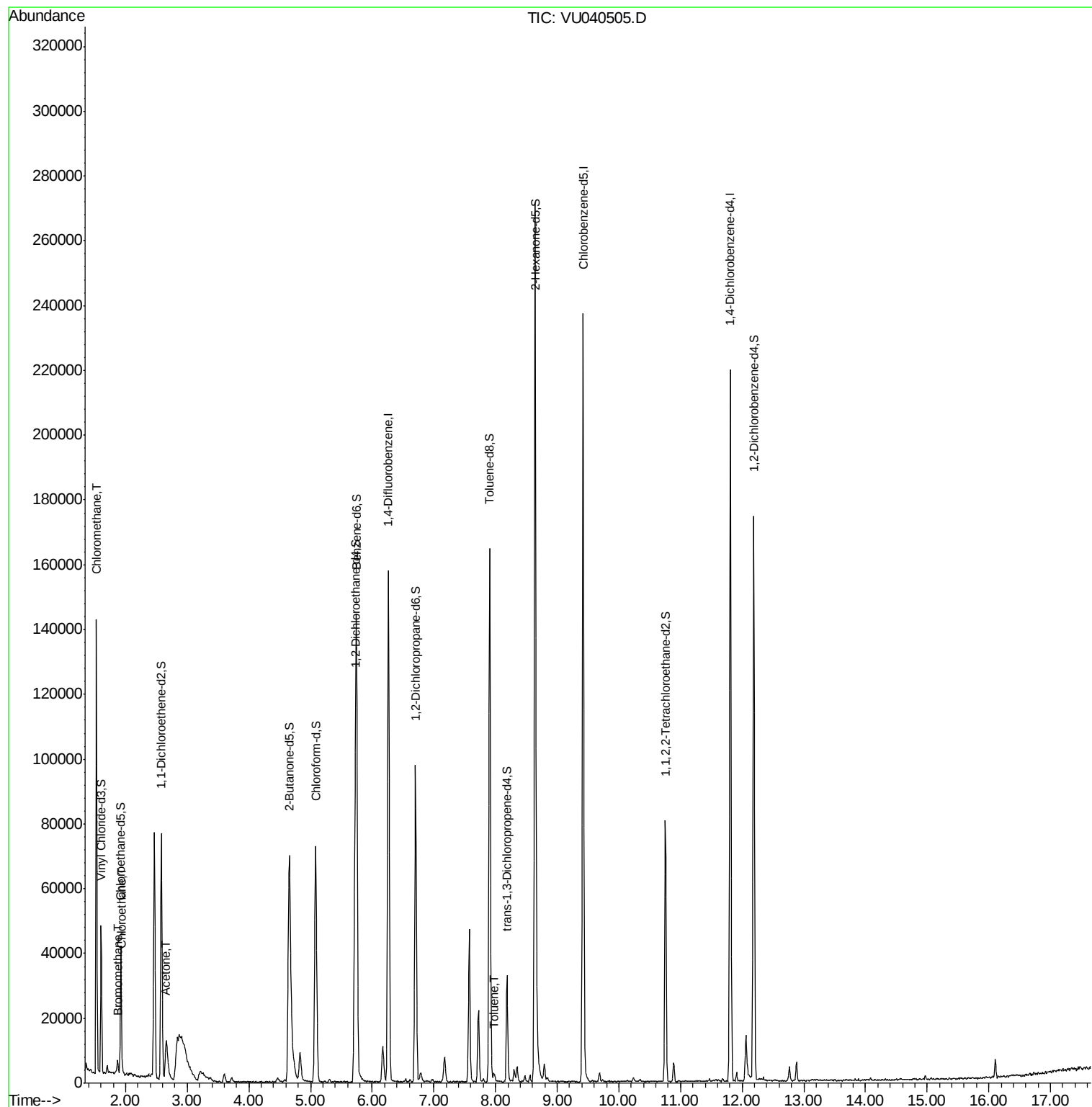
					Ovalue
3) Chloromethane	1.53	50	93345	8.127 ug/L	99
6) Bromomethane	1.87	94	1995	0.363 ug/L	75
8) Chloroethane	1.94	64	2698	0.403 ug/L	97
13) Acetone	2.66	43	25548	10.676 ug/L	93
42) Toluene	7.97	91	1656	0.039 ug/L	95

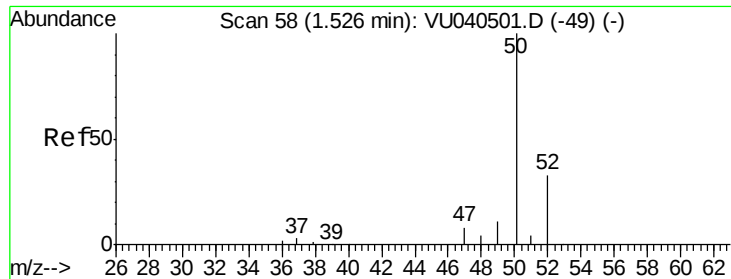
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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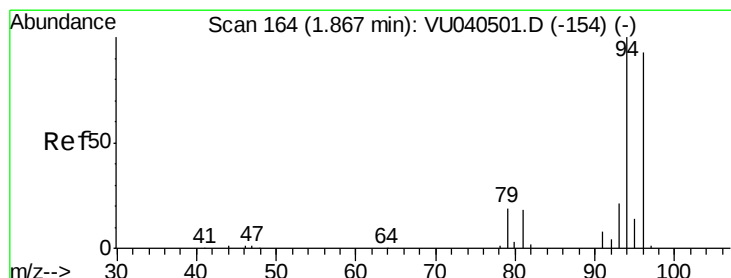
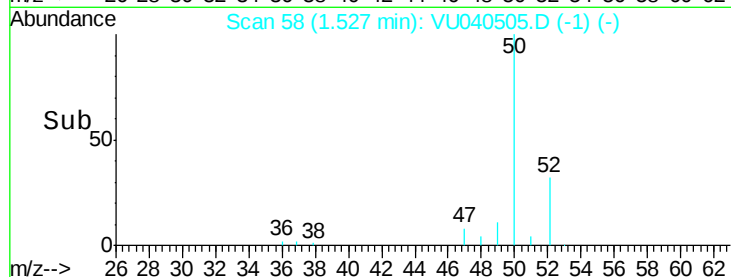
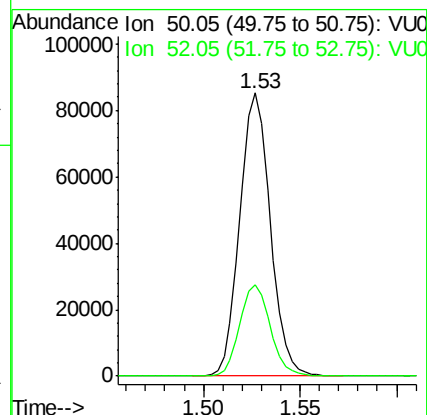
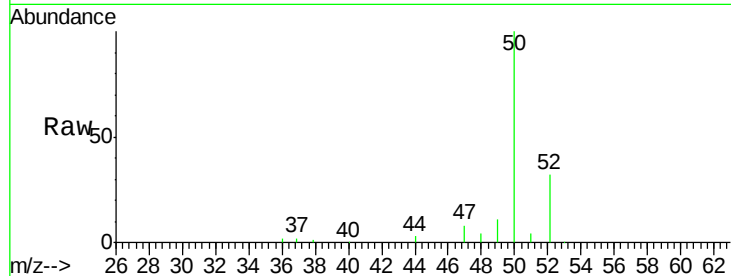




#3
Chloromethane
Concen: 8.127 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040505.D
Acq: 05 Oct 2020 13:25

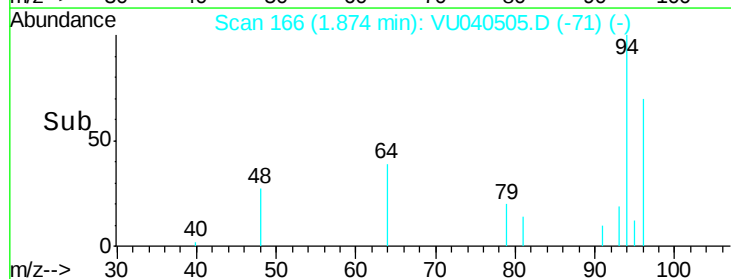
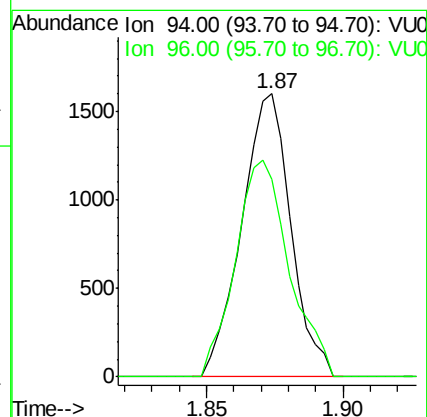
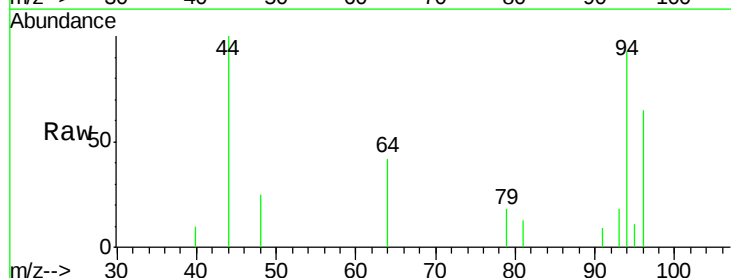
Instrument :
MSVOA_U
ClientSampleId :
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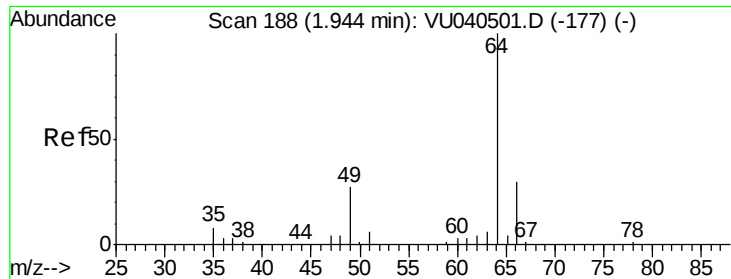
Tot Ion: 50 Resp: 93345
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.6



#6
Bromomethane
Concen: 0.363 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.01 min
Lab File: VU040505.D
Acq: 05 Oct 2020 13:25

Tgt Ion: 94 Resp: 1995
Ion Ratio Lower Upper
94 100
96 70.0 66.3 123.1

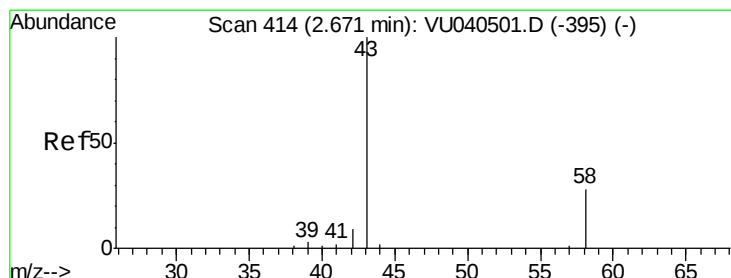
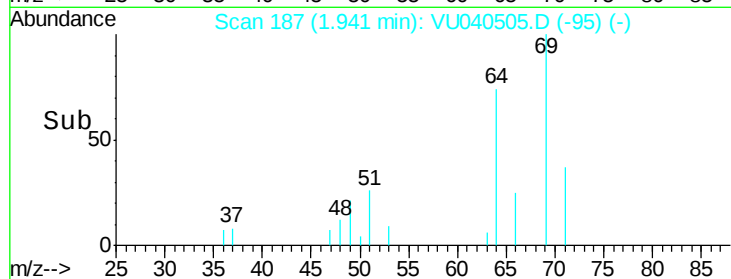
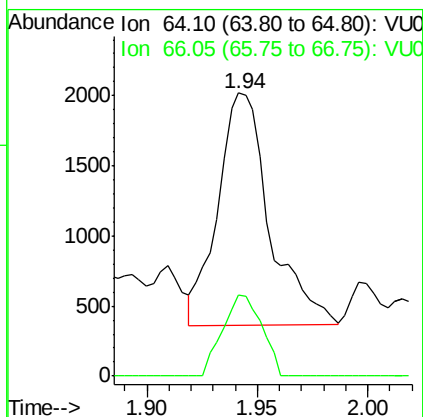
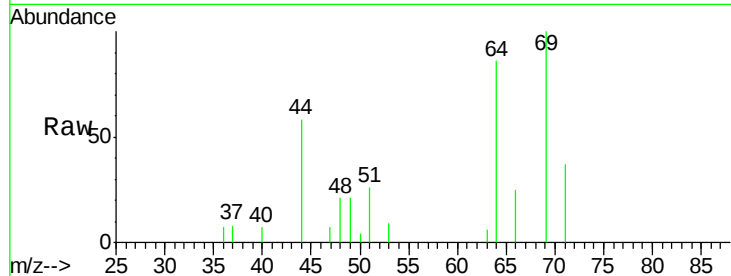




#8
Chloroethane
Concen: 0.403 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040505.D
Acq: 05 Oct 2020 13:25

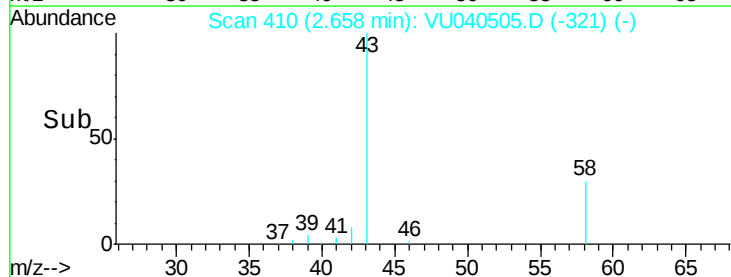
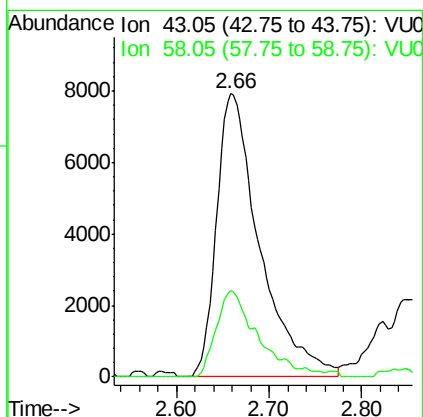
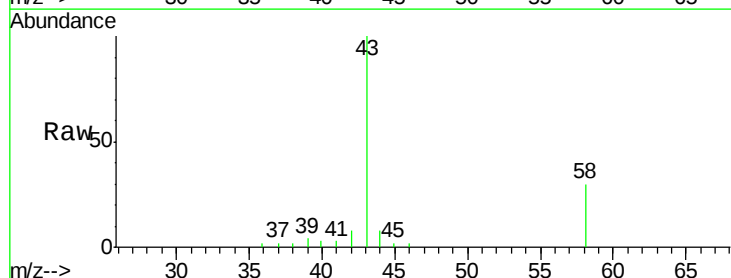
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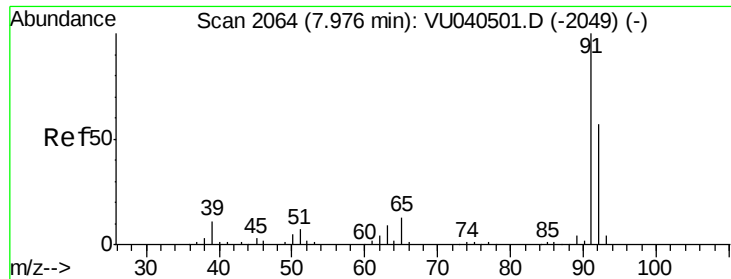
Tot Ion: 64 Resp: 2698
Ion Ratio Lower Upper
64 100
66 28.8 21.3 39.6



#13
Acetone
Concen: 10.676 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU040505.D
Acq: 05 Oct 2020 13:25

Tgt Ion: 43 Resp: 25548
Ion Ratio Lower Upper
43 100
58 26.9 0.0 61.8





#42

Toluene

Concen: 0.039 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040505.D

Acq: 05 Oct 2020 13:25

Instrument :

MSVOA_U

ClientSampleId :

BFZR6

Tot Ion: 91 Resp: 1656

Ion Ratio Lower Upper

91 100

92 53.4 40.0 74.4

