

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\
 Data File : VU040568.D
 Acq On : 08 Oct 2020 17:55
 Operator : SY/MD
 Sample : L4286-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT7

Quant Time: Oct 09 03:24:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:55:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	161129	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	160193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	72983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60216	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	46719	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	89415	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.66	46	208687	48.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.68%
24) Chloroform-d	5.08	84	104899	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	63445	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.75	84	201882	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	67954	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	169116	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	28100	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	149397	47.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	57461	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	68215	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

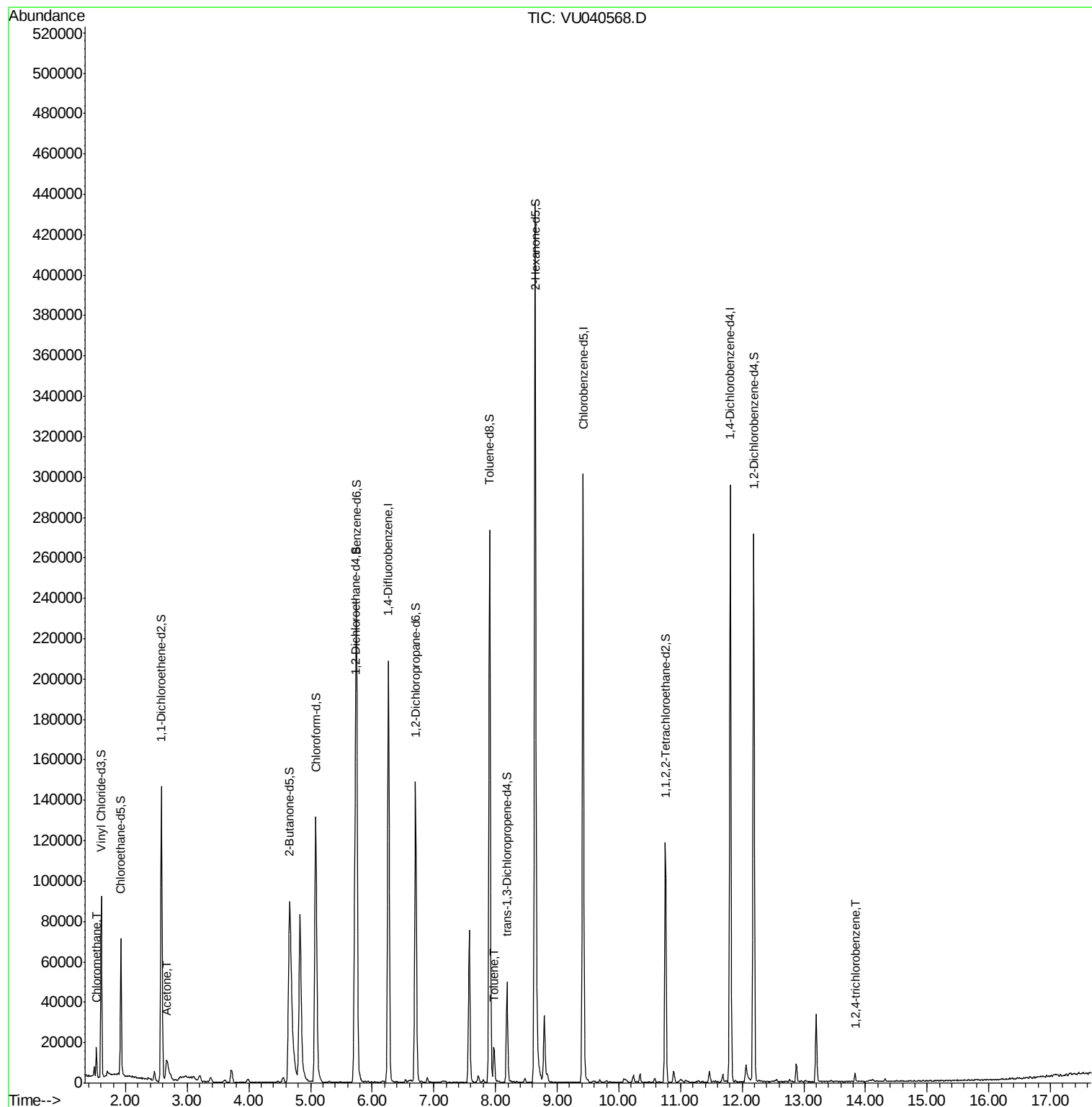
					Ovalue
3) Chloromethane	1.53	50	9701	0.711 ug/L	94
13) Acetone	2.67	43	28373	8.567 ug/L	61
42) Toluene	7.98	91	11179	0.213 ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	1476	0.113 ug/L #	90

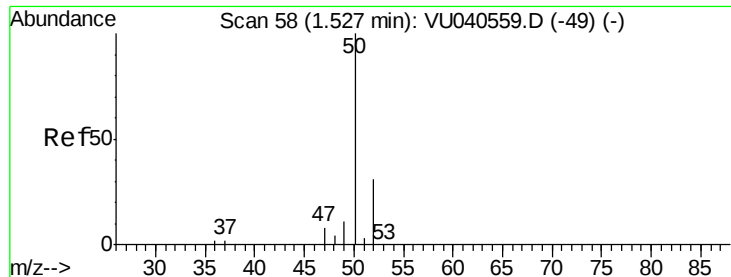
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.711 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040568.D

Acq: 08 Oct 2020 17:55

Instrument :

MSVOA_U

ClientSampleId :

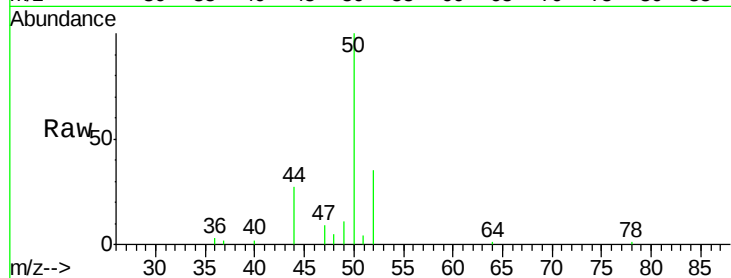
C0AT7

Tot Ion: 50 Resp: 9701

Ion Ratio Lower Upper

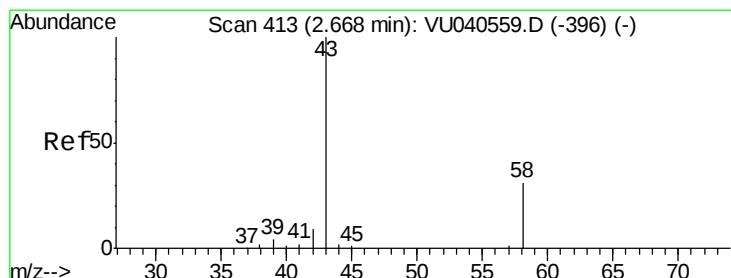
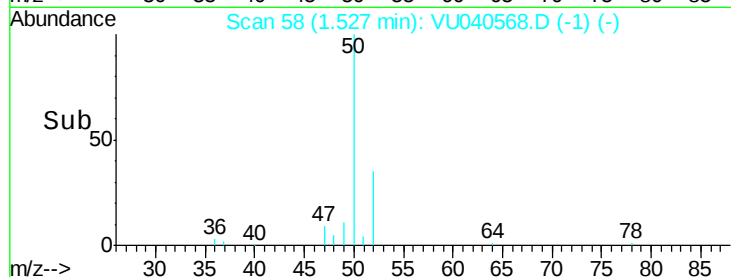
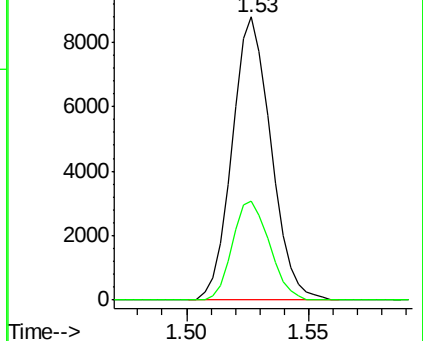
50 100

52 34.8 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 8.567 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU040568.D

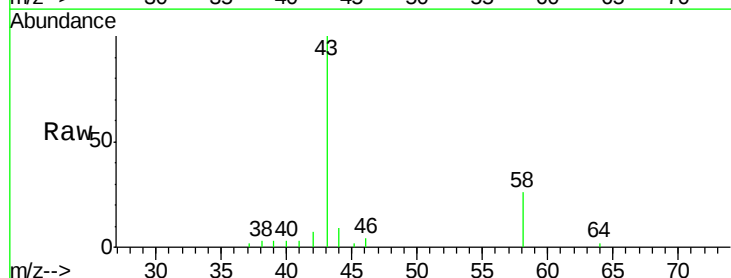
Acq: 08 Oct 2020 17:55

Tgt Ion: 43 Resp: 28373

Ion Ratio Lower Upper

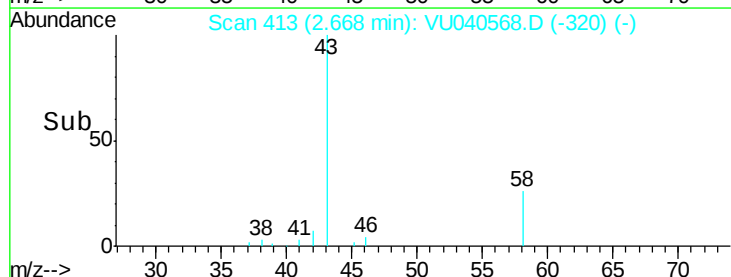
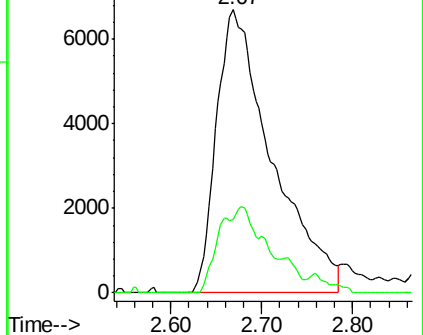
43 100

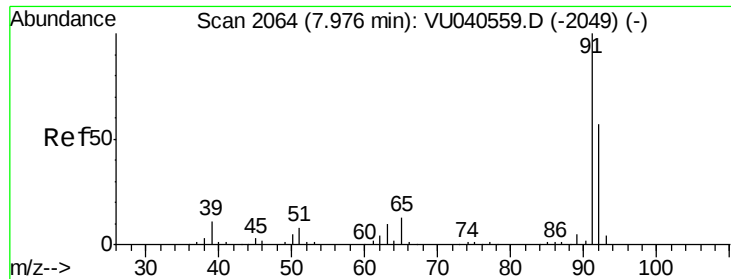
58 9.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#42

Toluene

Concen: 0.213 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

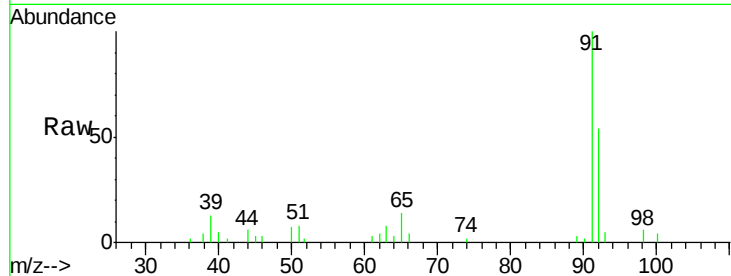
C0AT7

Tot Ion: 91 Resp: 11179

Ion Ratio Lower Upper

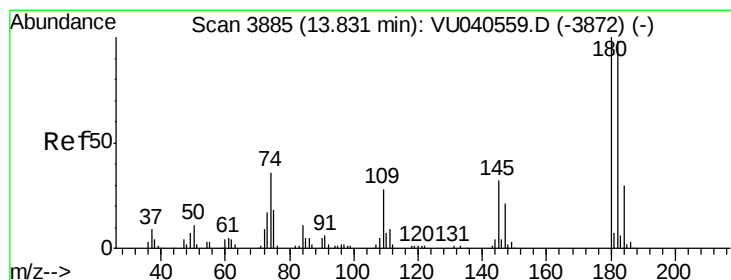
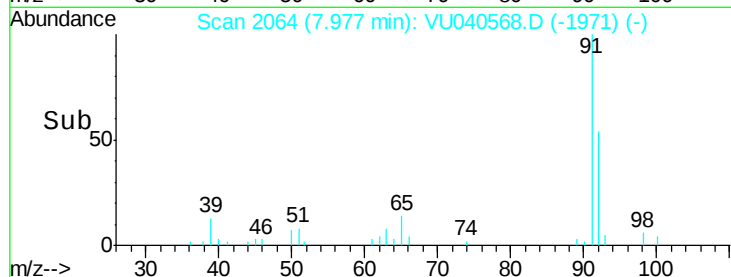
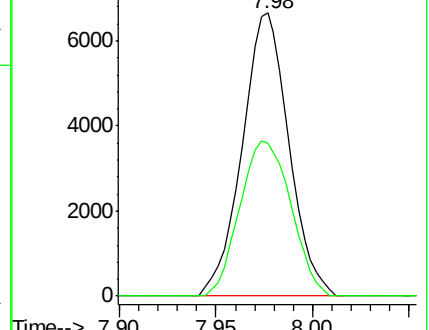
91 100

92 54.1 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU040559.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU040559.D (-2049) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.113 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VU040568.D

Acq: 08 Oct 2020 17:55

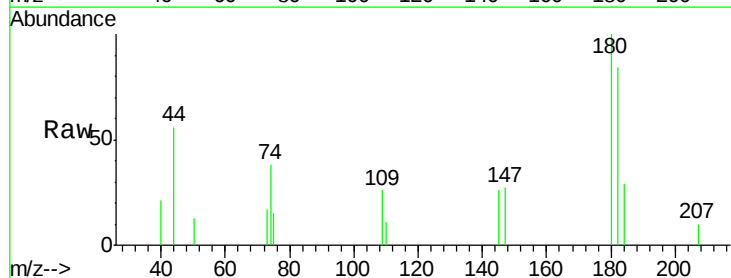
Tgt Ion: 180 Resp: 1476

Ion Ratio Lower Upper

180 100

182 92.1 78.8 118.2

145 20.3 26.1 39.1#



Abundance Ion 179.90 (179.60 to 180.60): VU040559.D (-3872) (-)

Ion 182.00 (181.70 to 182.70): VU040559.D (-3872) (-)

Ion 144.95 (144.65 to 145.65): VU040559.D (-3872) (-)

