

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092520\
 Data File : VU040277.D
 Acq On : 24 Sep 2020 17:47
 Operator : SY/MD
 Sample : VIBLK01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK01

Quant Time: Sep 25 03:03:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 25 02:46:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	208019	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	207367	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	97392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	67539	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	56791	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	65	35073	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.65	46	264332	52.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	5.08	84	135373	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.71	65	80397	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	258957	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	85470	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.90	98	224044	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.18	79	34351	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	186765	51.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.02%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	72018	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
66) 1,2-Dichlorobenzene-d4	12.19	152	86058	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

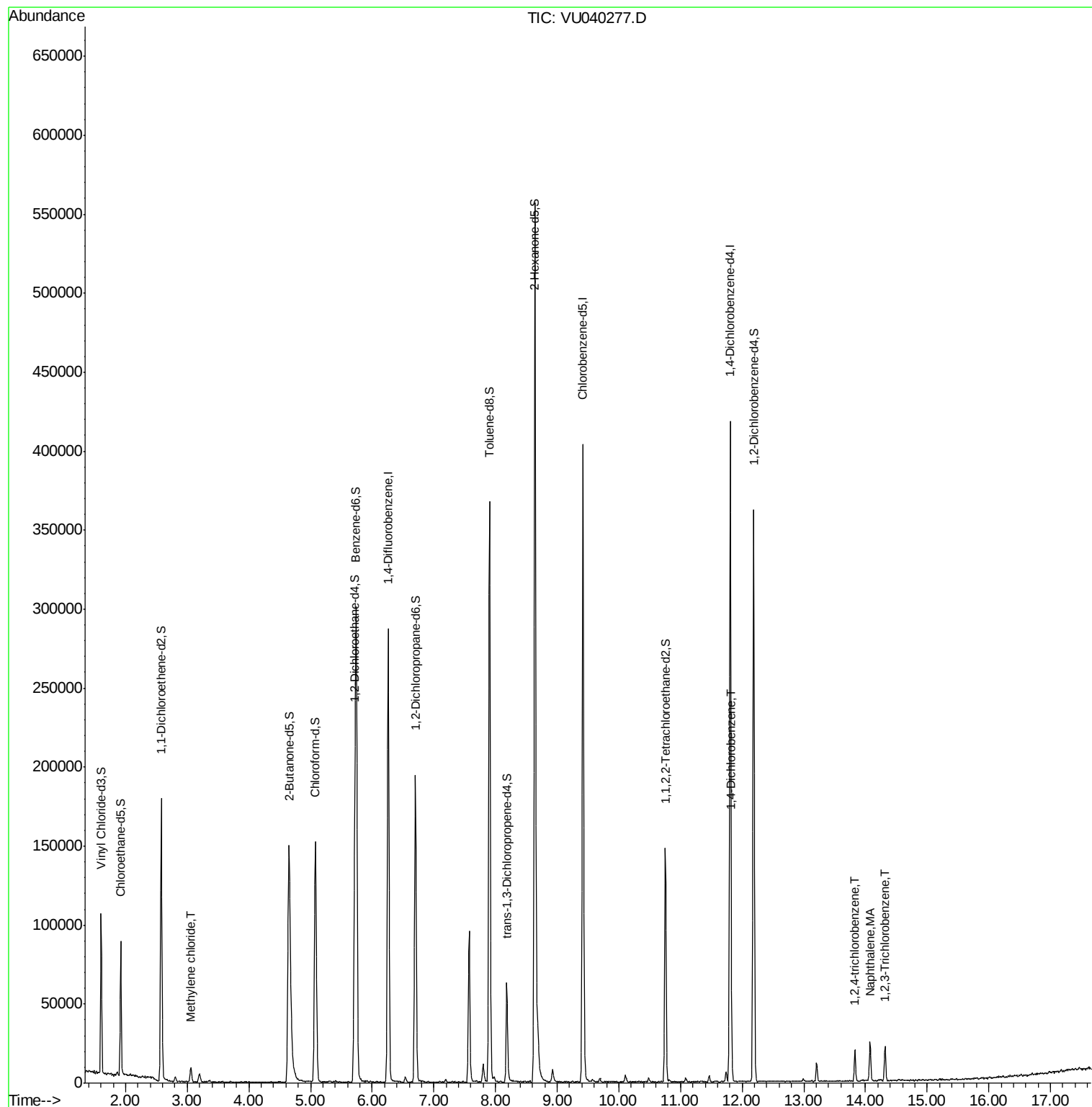
					Ovalue
16) Methylene chloride	3.06	84	3775	0.185 ug/L	92
65) 1,4-Dichlorobenzene	11.83	146	3768	0.108 ug/L	86
70) 1,2,4-trichlorobenzene	13.83	180	5881	0.306 ug/L	97
71) Naphthalene	14.08	128	20326	0.609 ug/L	98
72) 1,2,3-Trichlorobenzene	14.32	180	6312	0.368 ug/L	90

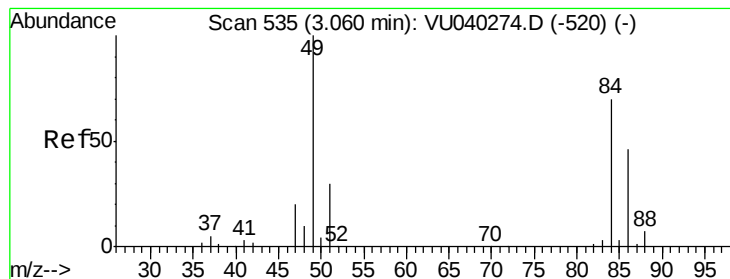
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.185 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

VIBLK01

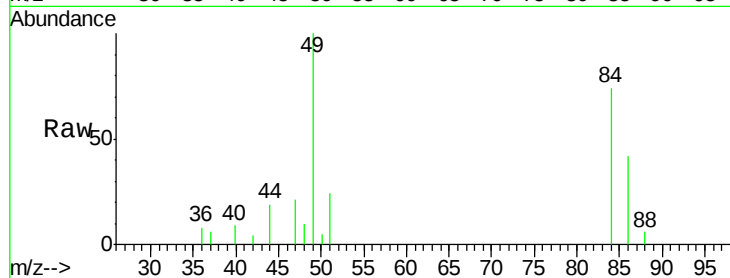
Tot Ion: 84 Resp: 3775

Ion Ratio Lower Upper

84 100

86 56.6 45.8 85.0

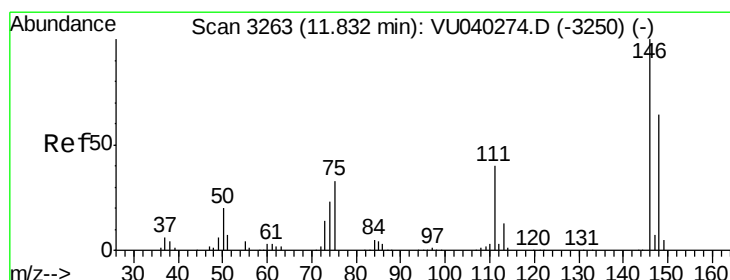
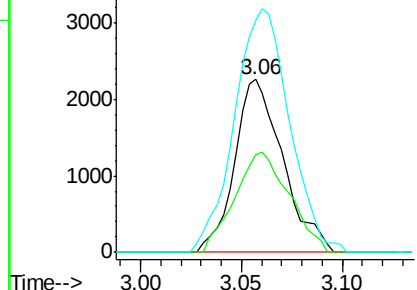
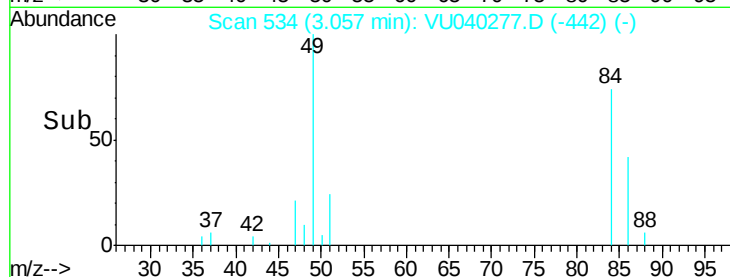
49 134.4 100.4 186.4



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#65

1,4-Dichlorobenzene

Concen: 0.108 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040277.D

Acq: 24 Sep 2020 17:47

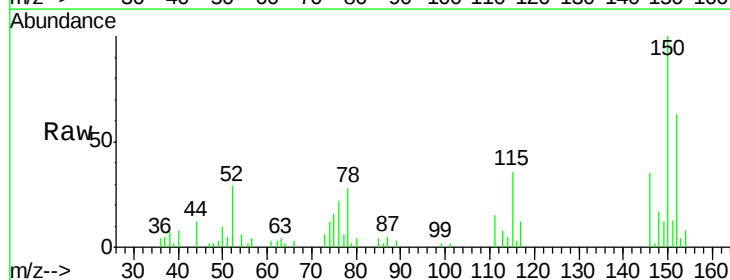
Tgt Ion: 146 Resp: 3768

Ion Ratio Lower Upper

146 100

111 41.8 28.2 52.4

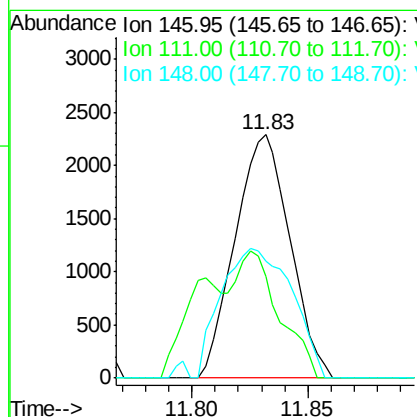
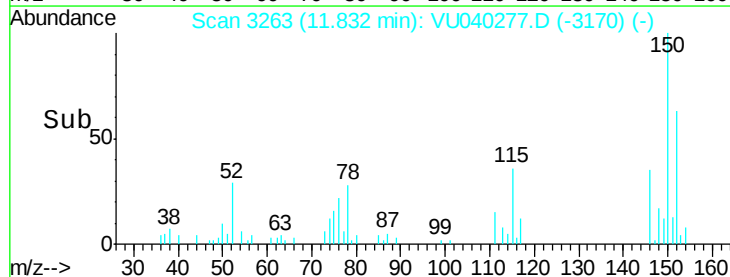
148 47.8 45.2 84.0

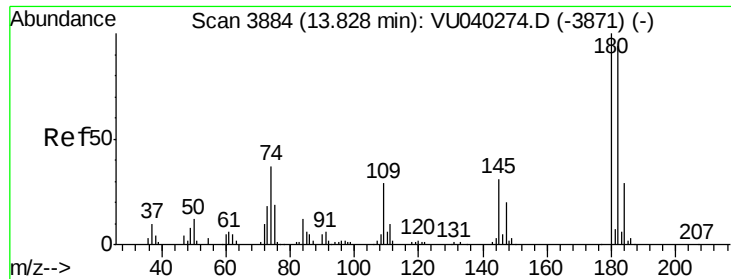


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#70

1,2,4-trichlorobenzene

Concen: 0.306 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

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Acq: 24 Sep 2020 17:47

Instrument :

MSVOA_U

ClientSampleId :

VIBLK01

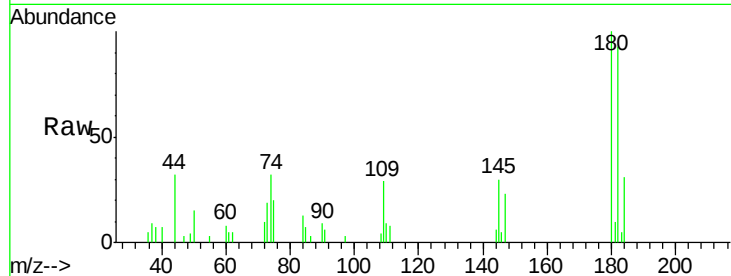
Tot Ion:180 Resp: 5881

Ion Ratio Lower Upper

180 100

182 93.2 76.3 114.5

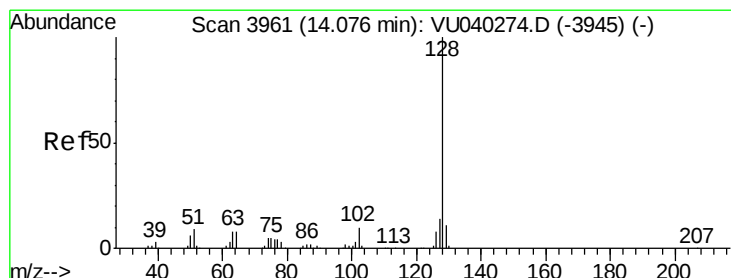
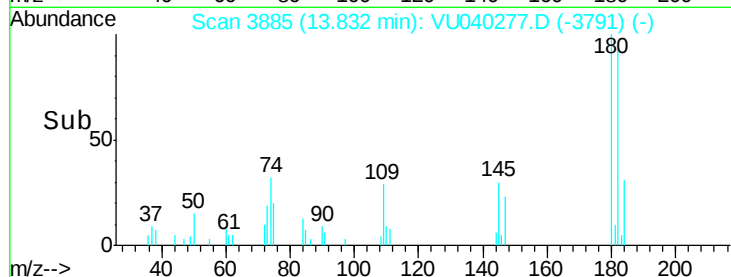
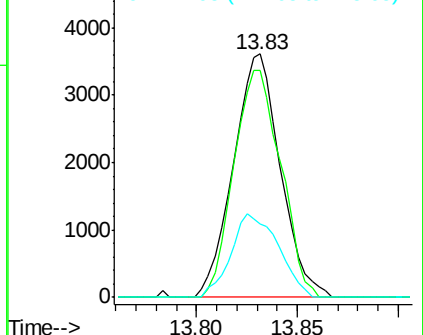
145 34.6 25.9 38.9



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#71

Naphthalene

Concen: 0.609 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040277.D

Acq: 24 Sep 2020 17:47

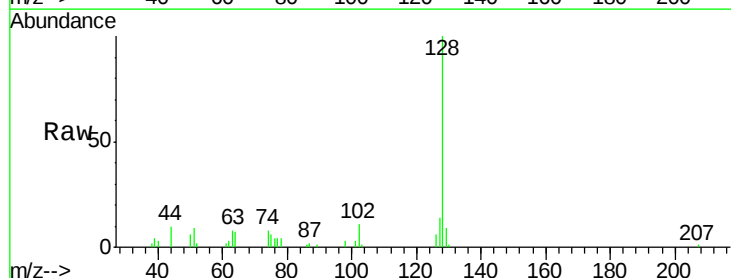
Tgt Ion:128 Resp: 20326

Ion Ratio Lower Upper

128 100

129 8.7 8.4 12.6

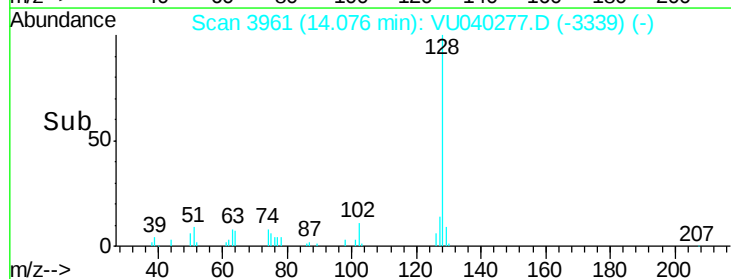
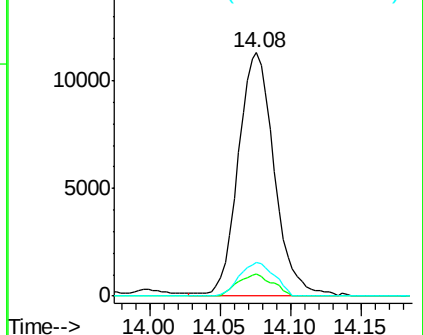
127 13.4 10.6 15.8

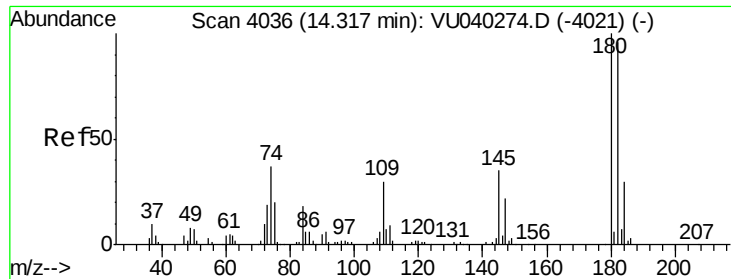


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#72
 1,2,3-Trichlorobenzene
 Concen: 0.368 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU040277.D
 Acq: 24 Sep 2020 17:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK01

Tot Ion:180 Resp: 6312
 Ion Ratio Lower Upper
 180 100
 182 109.8 78.0 117.0
 145 37.6 28.6 42.8

