

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040374.D
 Acq On : 29 Sep 2020 21:38
 Operator : SY/MD
 Sample : L4186-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E2

Quant Time: Sep 30 03:23:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57444	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27922	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.92	69	27225	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.58	63	46474	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.65	46	160107	49.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.70%
24) Chloroform-d	5.08	84	73229	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	44740	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.75	84	127885	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	46540	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	99125	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.18	79	17111	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	113208	48.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44167	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45626	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

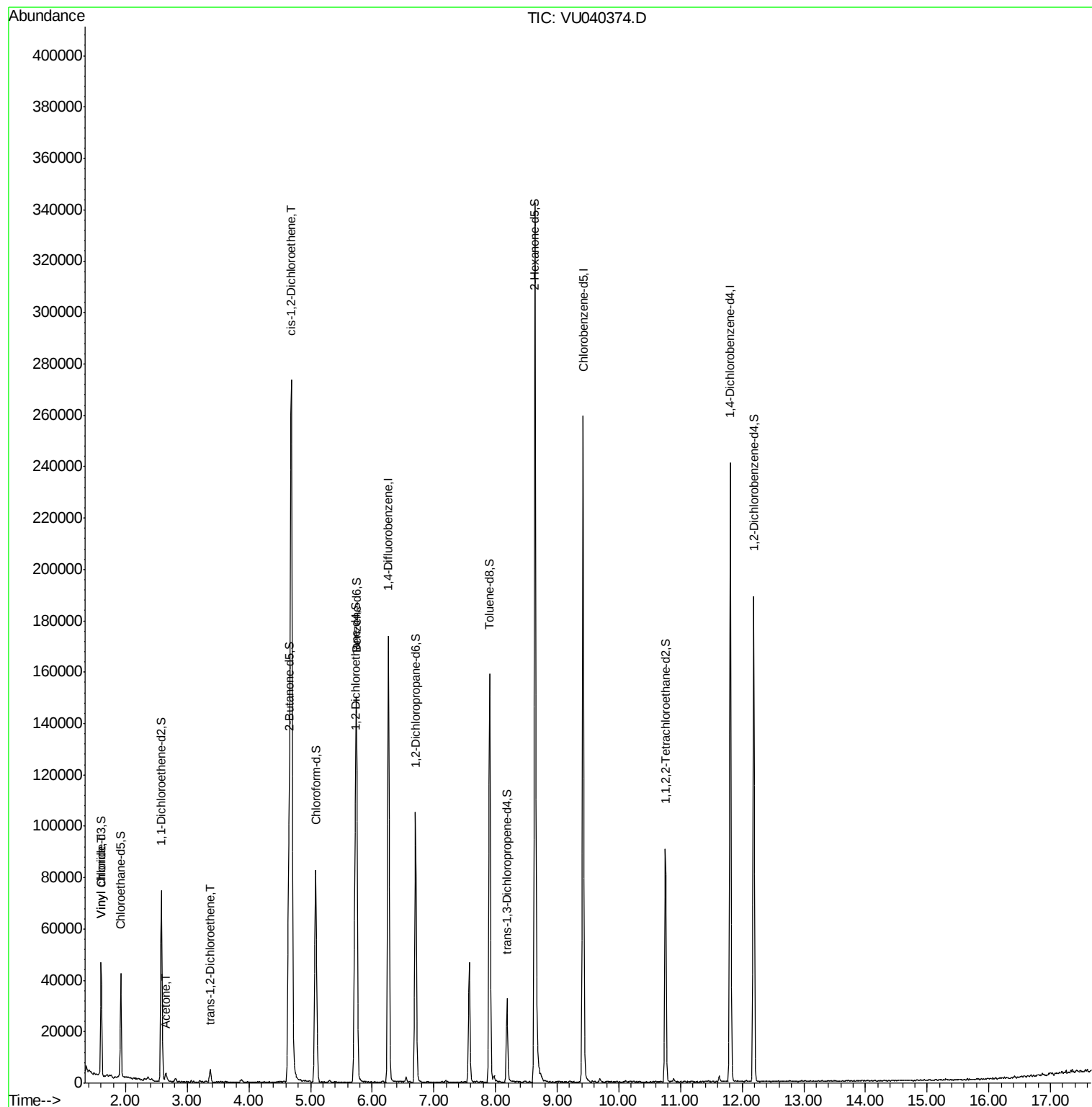
					Ovalue
5) Vinyl chloride	1.61	62	1622	0.128 ug/L #	71
13) Acetone	2.66	43	5744	2.146 ug/L	85
18) trans-1,2-Dichloroethene	3.38	96	1727	0.168 ug/L	80
22) cis-1,2-Dichloroethene	4.69	96	126386	11.108 ug/L	98

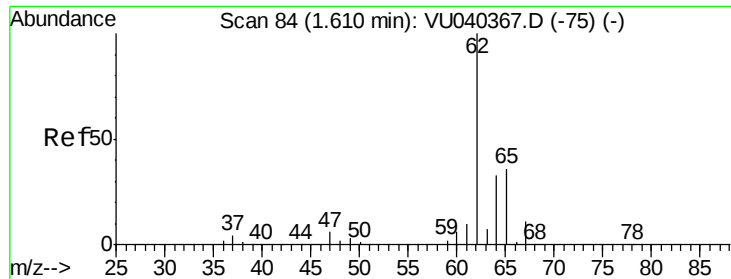
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.128 ug/L

RT: 1.61 min Scan# 85

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

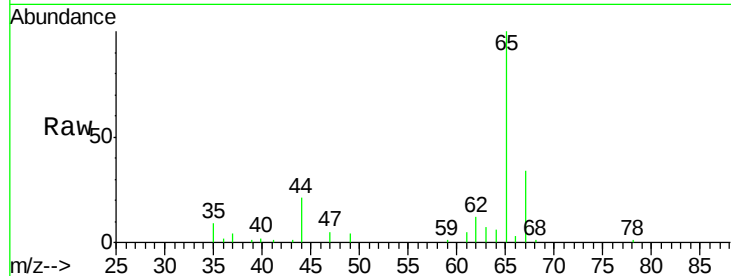
BG0E2

Tot Ion: 62 Resp: 1622

Ion Ratio Lower Upper

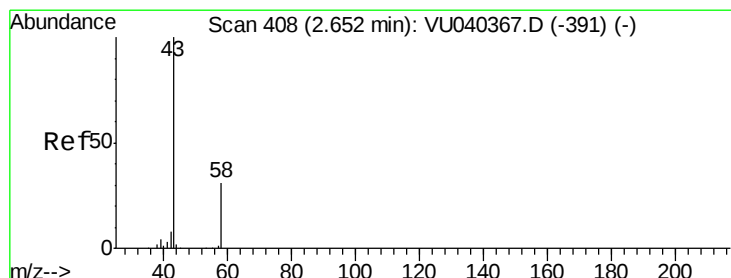
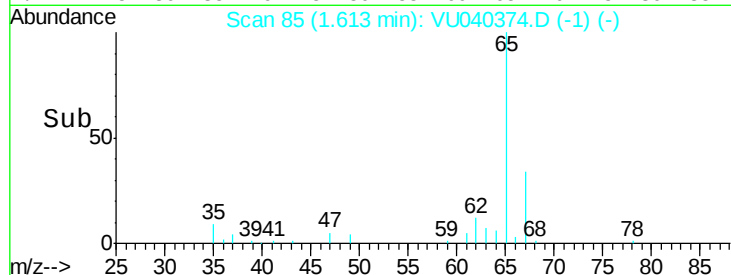
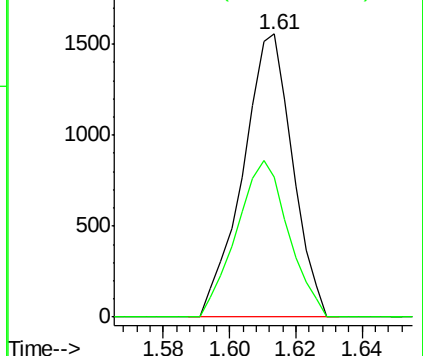
62 100

64 49.3 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 2.146 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU040374.D

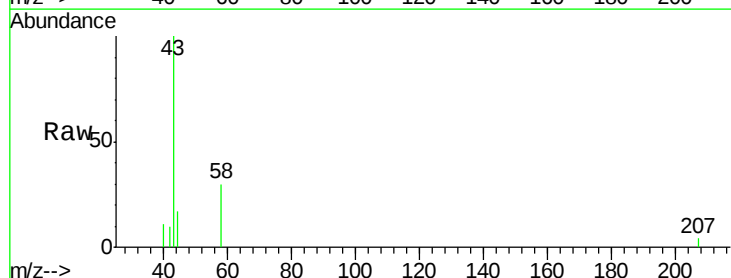
Acq: 29 Sep 2020 21:38

Tgt Ion: 43 Resp: 5744

Ion Ratio Lower Upper

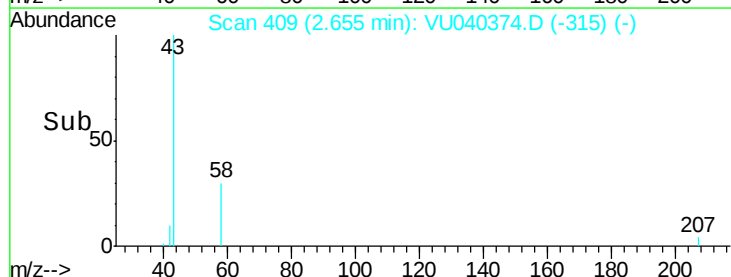
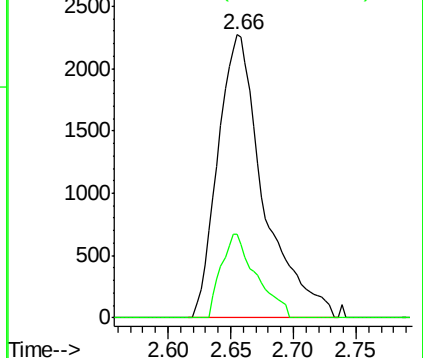
43 100

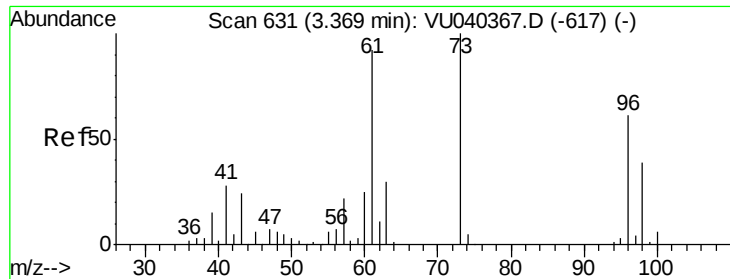
58 22.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

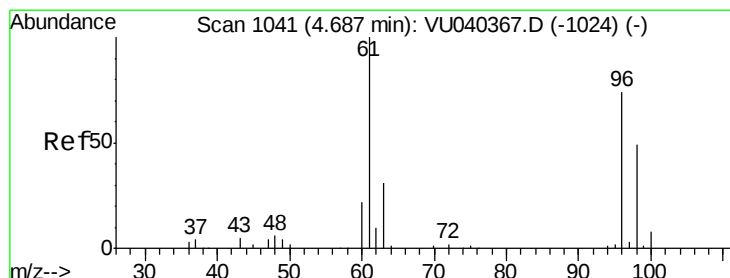
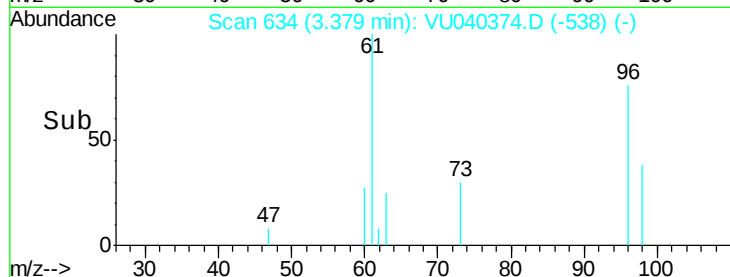
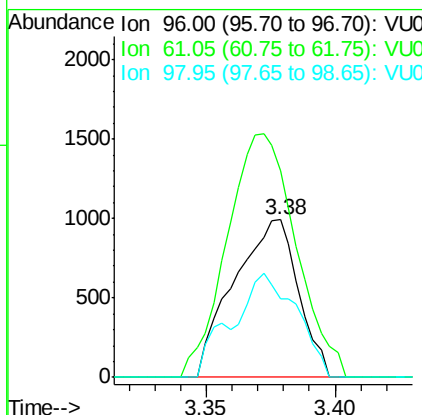
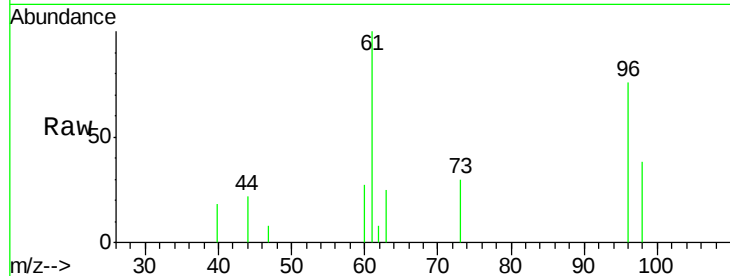




#18
trans-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.01 min
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Tot Ion: 96 Resp: 1727
Ion Ratio Lower Upper
96 100
61 131.0 109.3 203.1
98 49.5 45.8 85.0



#22
cis-1,2-Dichloroethene
Concen: 11.108 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Tgt Ion: 96 Resp: 126386
Ion Ratio Lower Upper
96 100
61 139.1 99.3 184.5
68 0.0 0.0 0.0

