

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037049.D
 Acq On : 04 Mar 2020 19:20
 Operator : JC/MD
 Sample : L1784-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ5

Quant Time: Mar 05 02:02:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251571	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	82660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88862	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.12%
7) Chloroethane-d5	1.91	69	82455	47.17	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.34%
11) 1,1-Dichloroethene-d2	2.59	63	117069	33.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.18%
21) 2-Butanone-d5	4.67	46	134592	94.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	5.10	84	158761	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
26) 1,2-Dichloroethane-d4	5.74	65	109158	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
32) Benzene-d6	5.76	84	341051	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
36) 1,2-Dichloropropane-d6	6.72	67	114572	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.64%
41) Toluene-d8	7.92	98	298193	46.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.30%
43) trans-1,3-Dichloropropene-	8.20	79	46184	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
47) 2-Hexanone-d5	8.66	63	92943	85.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.15%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157848	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	85793	53.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.18%

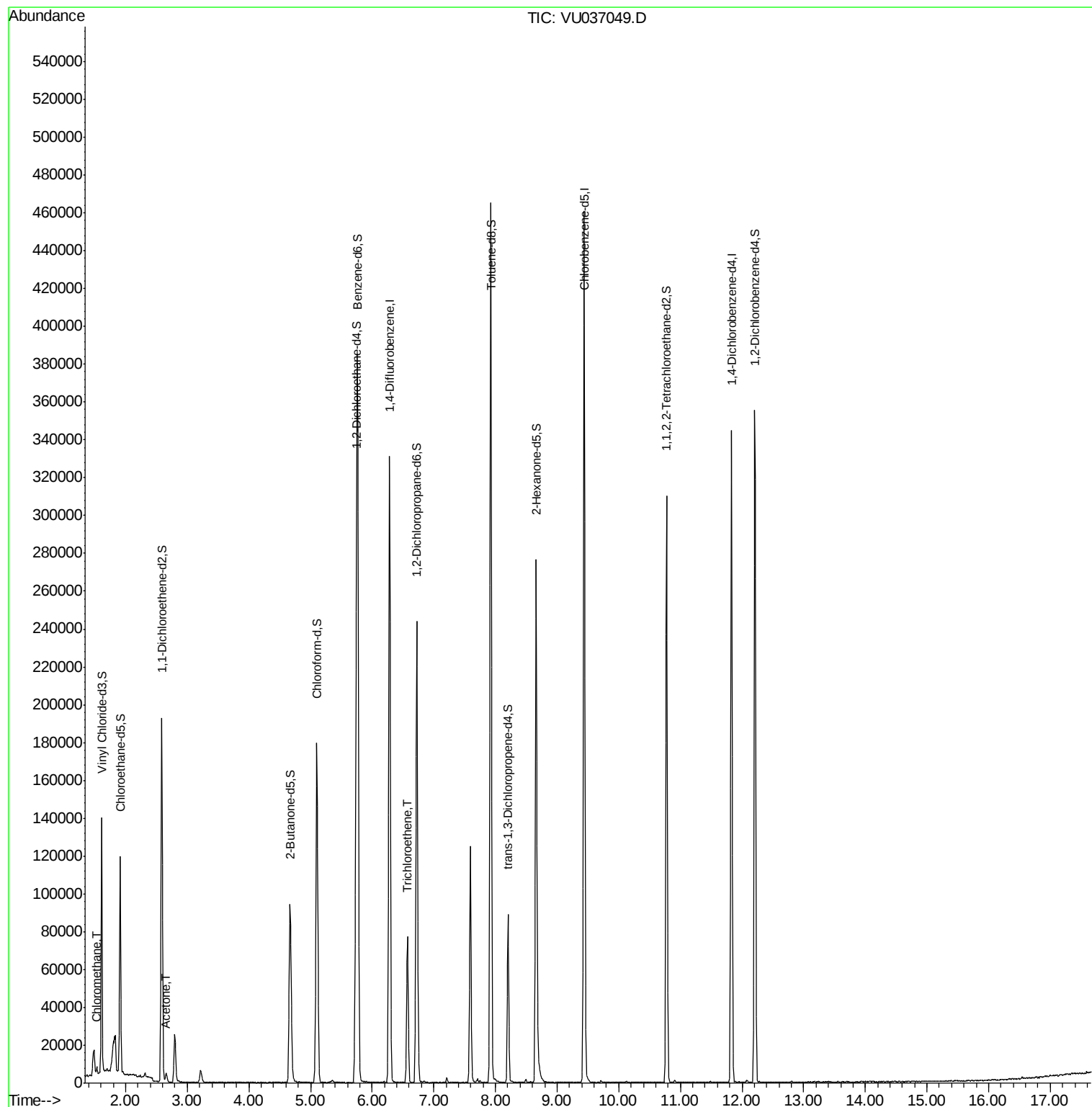
Target Compounds					Ovalue
3) Chloromethane	1.53	50	2660	1.084 ug/L	99
13) Acetone	2.66	43	4046	2.776 ug/L	98
34) Trichloroethene	6.57	95	25388	13.722 ug/L	98

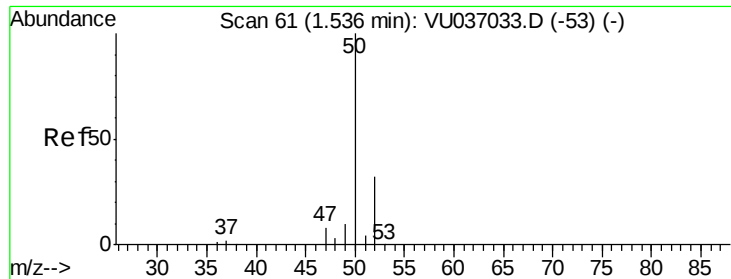
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.084 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU037049.D

Acq: 04 Mar 2020 19:20

Instrument :

MSVOA_U

ClientSampleId :

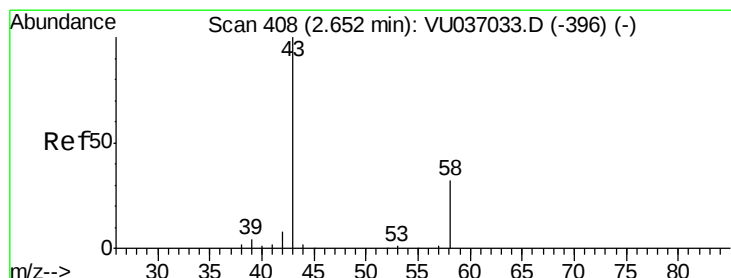
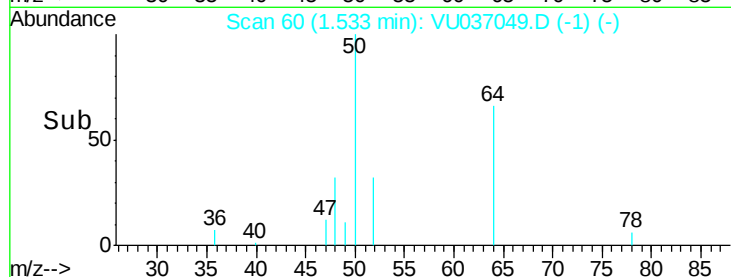
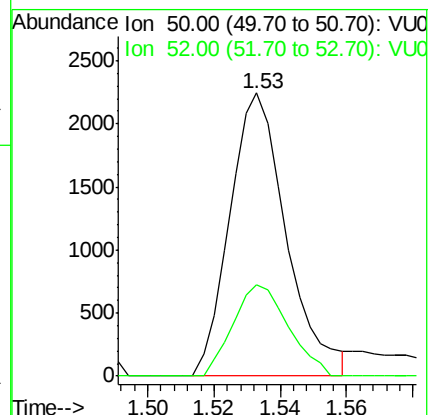
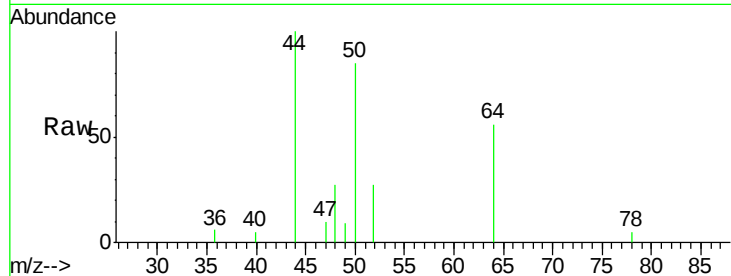
C0AZ5

Tot Ion: 50 Resp: 2660

Ion Ratio Lower Upper

50 100

52 32.2 23.0 42.6



#13

Acetone

Concen: 2.776 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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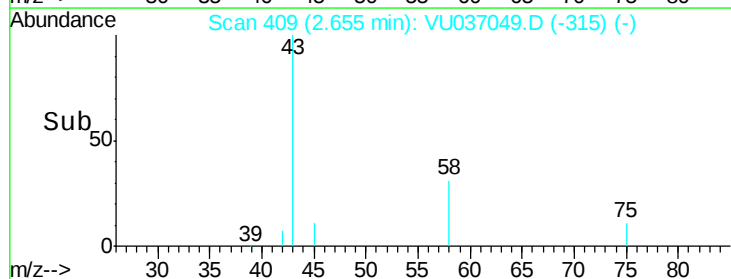
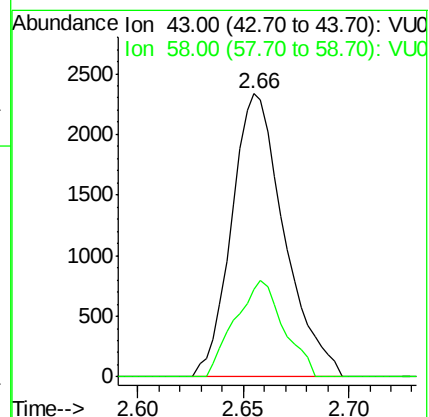
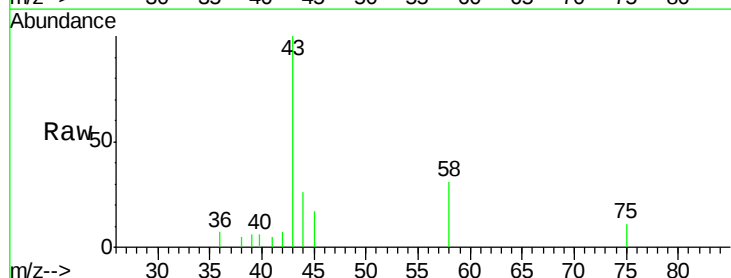
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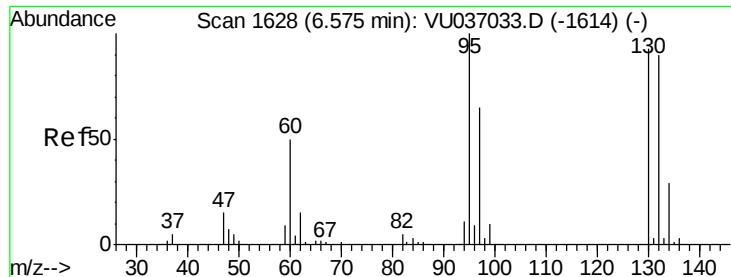
Tgt Ion: 43 Resp: 4046

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.6





#34

Trichloroethene

Concen: 13.722 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

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Acq: 04 Mar 2020 19:20

Instrument :

MSVOA_U

ClientSampleId :

C0AZ5

Tot Ion: 95 Resp: 25388

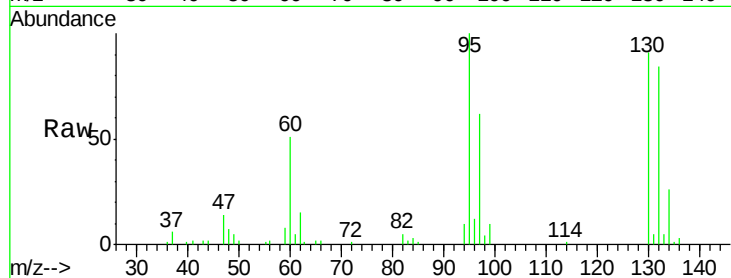
Ion Ratio Lower Upper

95 100

97 61.8 44.1 81.9

132 84.4 60.6 112.6

130 90.9 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

