

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037931.D
 Acq On : 29 Apr 2020 23:25
 Operator : JC/MD
 Sample : L2410-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF4

Quant Time: Apr 30 06:03:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	611793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	580557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	240800	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.10%
7) Chloroethane-d5	1.93	69	210681	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.70%
11) 1,1-Dichloroethene-d2	2.59	63	295253	34.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.24%
21) 2-Butanone-d5	4.66	46	407065	96.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.11%
24) Chloroform-d	5.10	84	400659	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
26) 1,2-Dichloroethane-d4	5.74	65	292996	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
32) Benzene-d6	5.76	84	863746	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.22%
36) 1,2-Dichloropropane-d6	6.72	67	295573	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.66%
41) Toluene-d8	7.92	98	737556	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	8.20	79	108661	38.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.90%
47) 2-Hexanone-d5	8.65	63	265155	88.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	416059	54.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.92%
64) 1,2-Dichlorobenzene-d4	12.20	152	262926	53.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.30%

Target Compounds

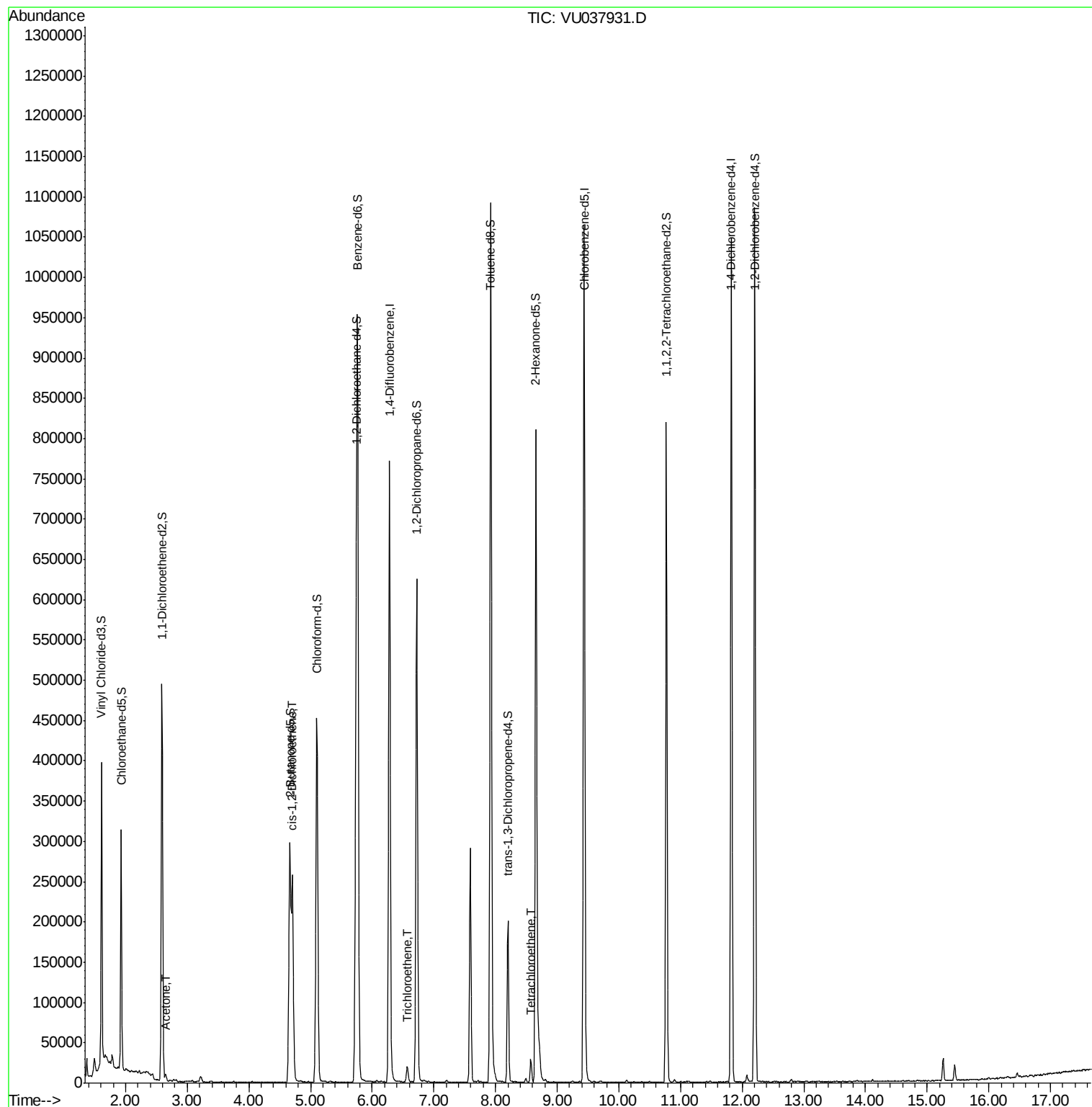
					Ovalue
13) Acetone	2.65	43	9750	3.858 ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	116003	25.511 ug/L	91
34) Trichloroethene	6.57	95	5146	1.191 ug/L	95
46) Tetrachloroethene	8.57	164	6563	2.077 ug/L	96

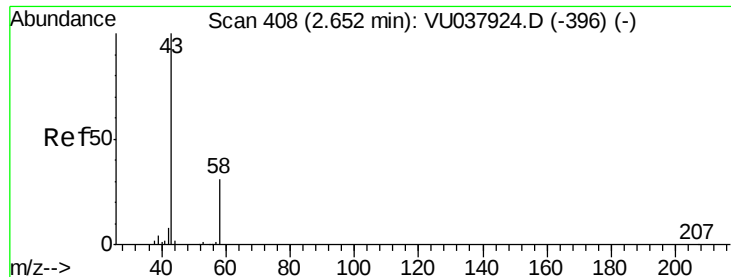
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.858 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

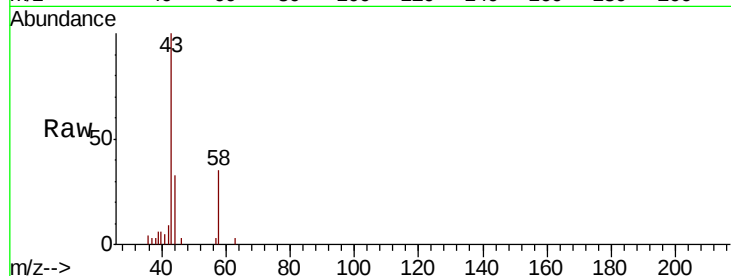
DBEF4

Tot Ion: 43 Resp: 9750

Ion Ratio Lower Upper

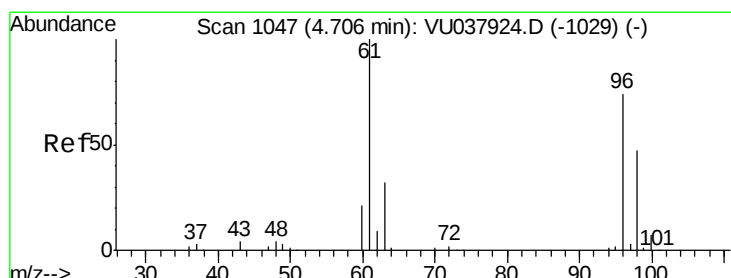
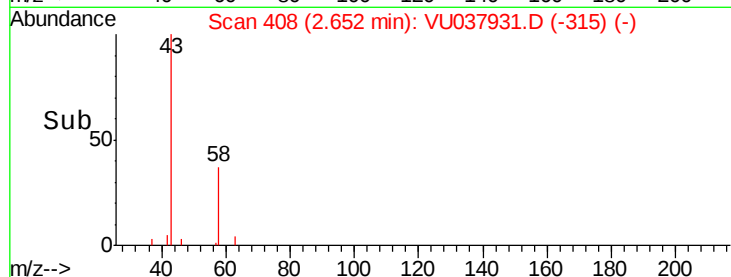
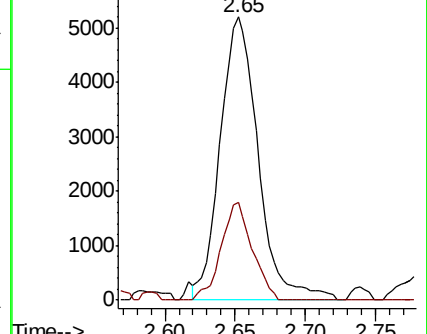
43 100

58 28.3 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037924.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037924.D (-396) (-)



#20

cis-1,2-Dichloroethene

Concen: 25.511 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037931.D

Acq: 29 Apr 2020 23:25

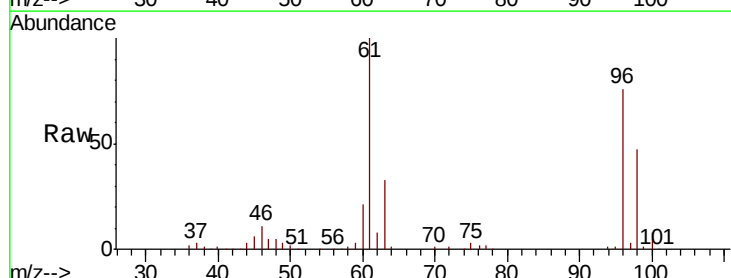
Tgt Ion: 96 Resp: 116003

Ion Ratio Lower Upper

96 100

61 132.0 100.4 186.4

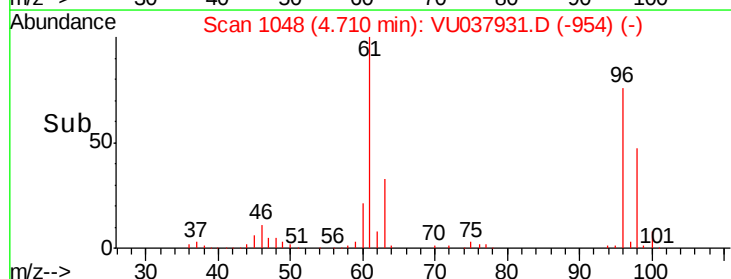
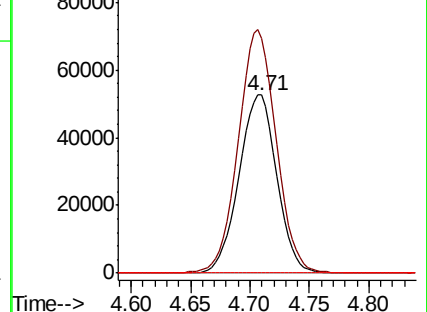
68 0.0 0.0 0.0

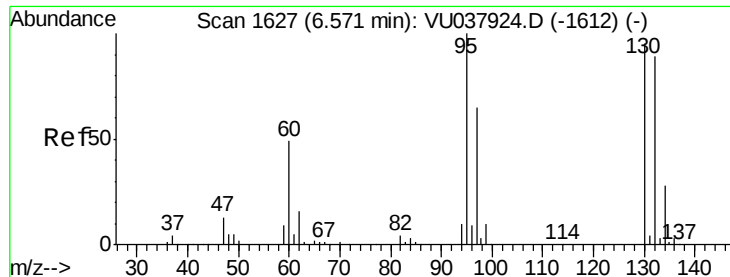


Abundance Ion 96.00 (95.70 to 96.70): VU037924.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037924.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037924.D (-1029) (-)

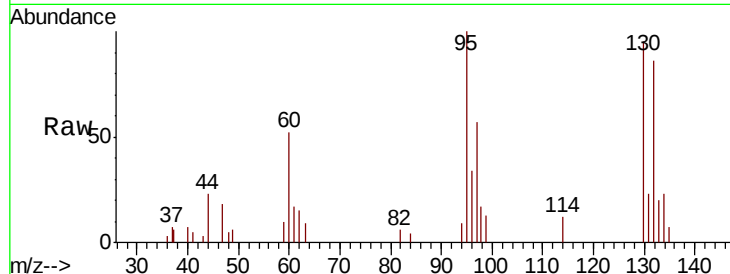




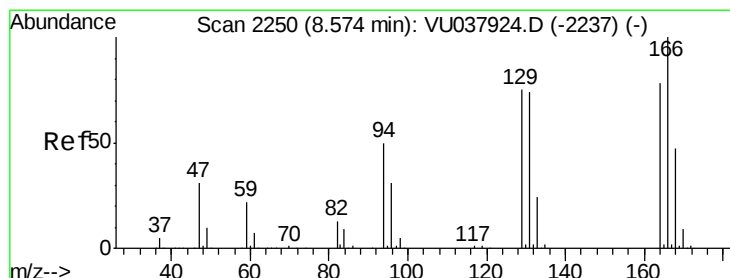
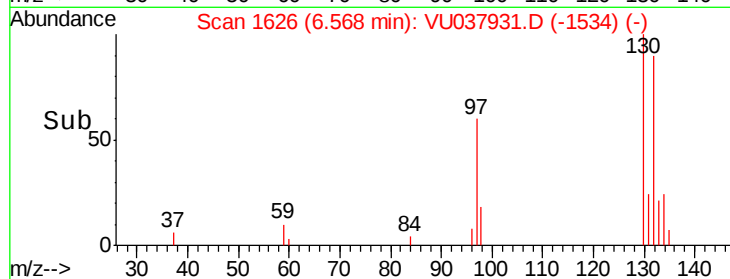
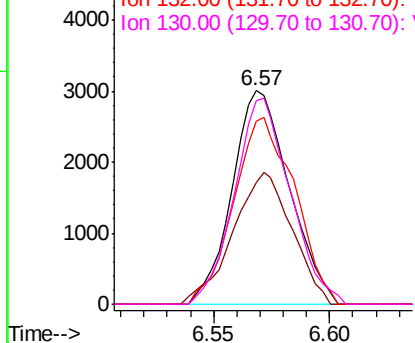
#34
 Trichloroethene
 Concen: 1.191 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: VU037931.D
 Acq: 29 Apr 2020 23:25

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Tot Ion:	95	Resp:	5146
Ion	Ratio	Lower	Upper
95	100		
97	57.1	44.4	82.5
132	86.0	65.0	120.6
130	95.3	65.5	121.7

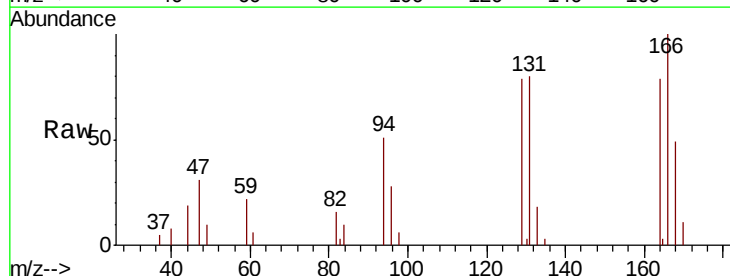


Abundance Ion 95.00 (94.70 to 95.70): VU037924.D (-1612) (-)
 Ion 97.00 (96.70 to 97.70): VU037924.D (-1612) (-)
 Ion 132.00 (131.70 to 132.70): VU037924.D (-1612) (-)
 Ion 130.00 (129.70 to 130.70): VU037924.D (-1612) (-)



#46
 Tetrachloroethene
 Concen: 2.077 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU037931.D
 Acq: 29 Apr 2020 23:25

Tgt Ion:	164	Resp:	6563
Ion	Ratio	Lower	Upper
164	100		
129	99.9	67.3	125.1
131	100.4	64.8	120.4
166	126.0	88.5	164.4



Abundance Ion 164.00 (163.70 to 164.70): VU037924.D (-2237) (-)
 Ion 129.00 (128.70 to 129.70): VU037924.D (-2237) (-)
 Ion 131.00 (130.70 to 131.70): VU037924.D (-2237) (-)
 Ion 166.00 (165.70 to 166.70): VU037924.D (-2237) (-)

