

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026338.D
 Acq On : 24 Aug 2018 17:01
 Operator : MD/SY
 Sample : J4624-06ME
 Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 02:31:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 02:29:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	328143	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	335642	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66277	33.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.22%
7) Chloroethane-d5	1.64	69	42628	26.12	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.24%#
11) 1,1-Dichloroethene-d2	2.24	63	102735	26.12	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.24%#
21) 2-Butanone-d5	4.20	46	119185	74.61	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.61%
24) Chloroform-d	4.65	84	158228	35.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.94%
26) 1,2-Dichloroethane-d4	5.31	65	105367	36.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.58%
32) Benzene-d6	5.34	84	306325	34.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.22%#
36) 1,2-Dichloropropane-d6	6.33	67	99397	34.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	68.96%#
41) Toluene-d8	7.57	98	275530	32.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.20%#
43) trans-1,3-Dichloropropene-	7.85	79	48487	32.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.10%
47) 2-Hexanone-d5	8.33	63	94607	76.78	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.78%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	157307	36.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	135314	35.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.42%#

Target Compounds

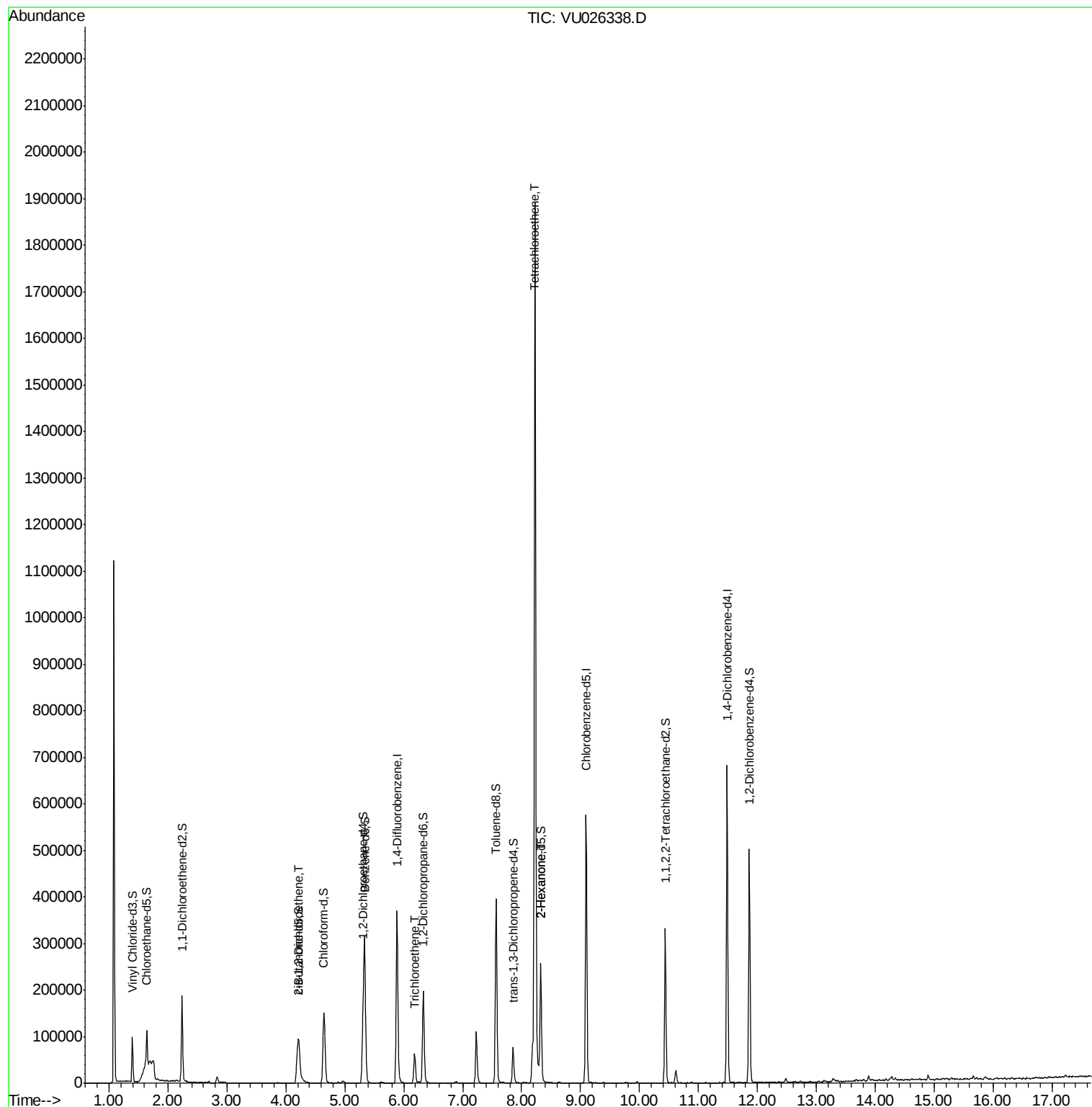
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	4.21	96	33907	14.430	ug/L	96
34) Trichloroethene	6.18	95	22807	9.426	ug/L	98
46) Tetrachloroethene	8.23	164	429020	206.060	ug/L	98
48) 2-Hexanone	8.32	43	11279	4.422	ug/L #	69

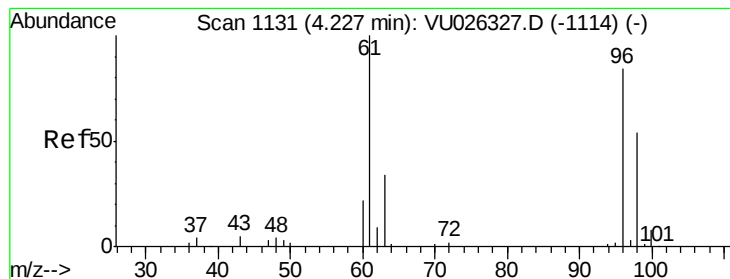
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Aug 25 02:31:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 14.430 ug/L

RT: 4.21 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VU026338.D

Acq: 24 Aug 2018 17:01

Instrument :

MSVOA_U

ClientSampled :

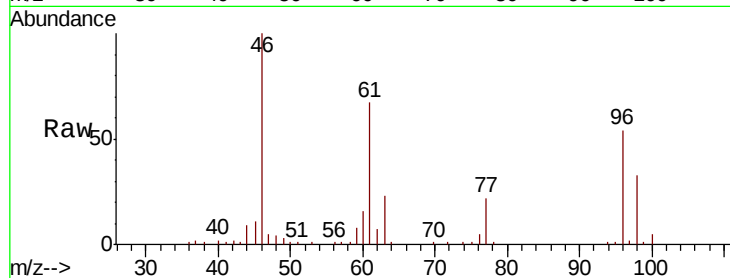
Tot Ion: 96 Resp: 33907

Ion Ratio Lower Upper

96 100

61 124.9 90.3 167.7

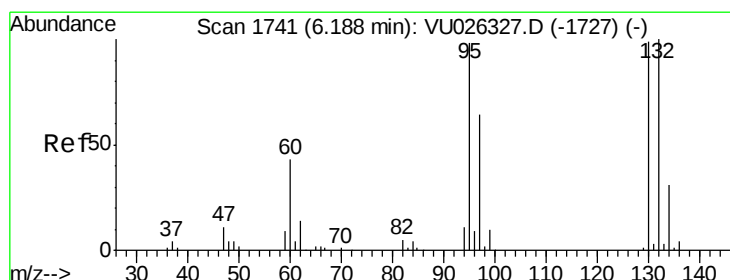
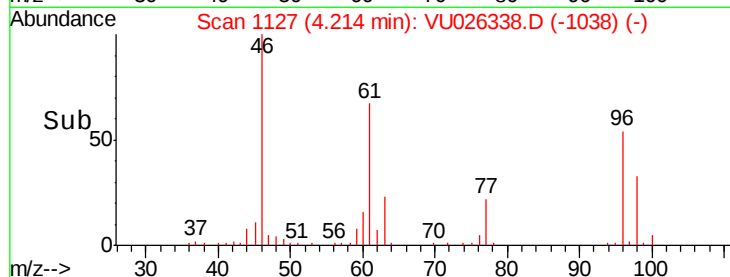
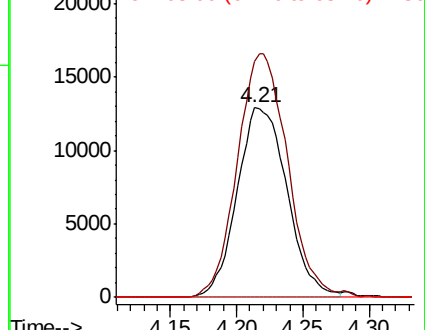
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 9.426 ug/L

RT: 6.18 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VU026338.D

Acq: 24 Aug 2018 17:01

Tgt Ion: 95 Resp: 22807

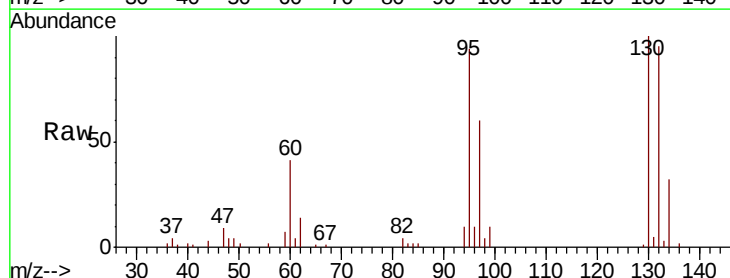
Ion Ratio Lower Upper

95 100

97 63.2 47.2 87.6

132 101.3 70.2 130.4

130 106.1 73.4 136.4

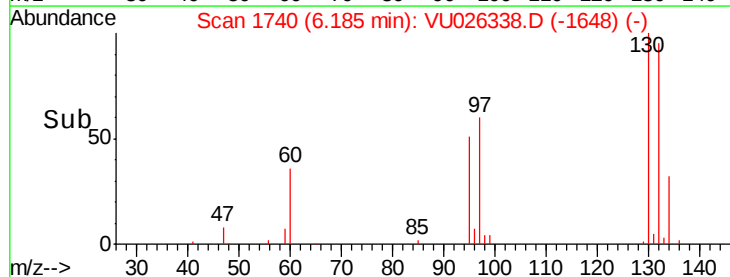
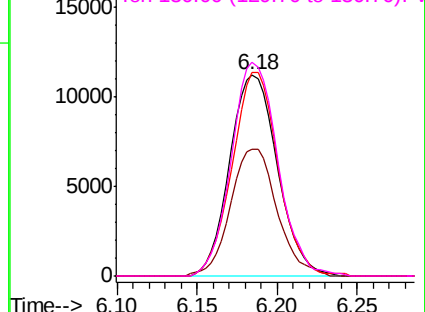


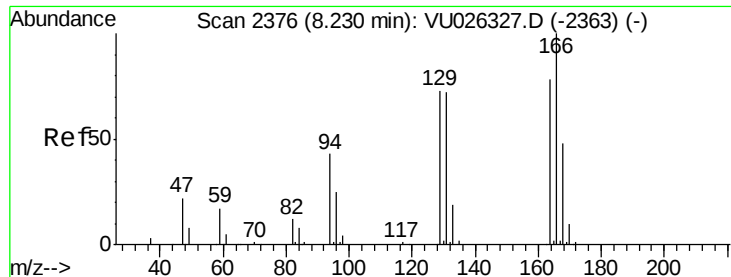
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

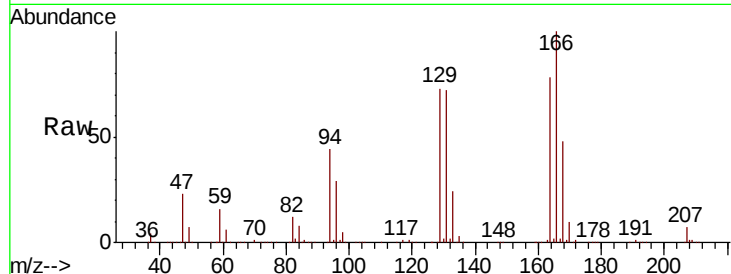




#46
Tetrachloroethene
Concen: 206.060 ug/L
RT: 8.23 min Scan# 2375
Delta R.T. -0.00 min
Lab File: VU026338.D
Acq: 24 Aug 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	93.6	67.3	124.9
131	91.2	65.5	121.7
166	127.4	90.9	168.9



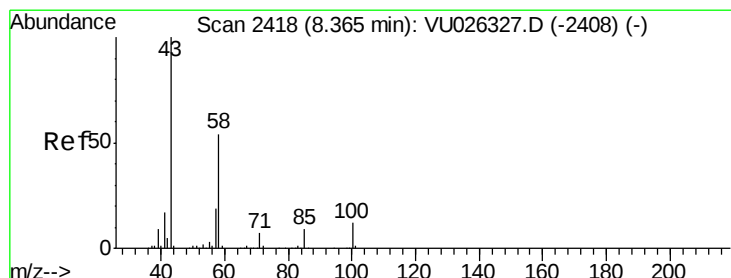
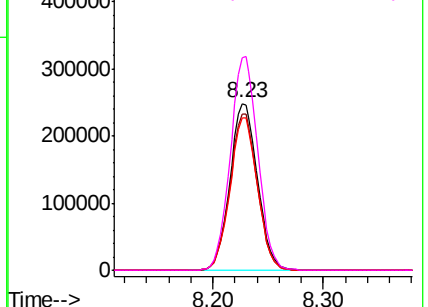
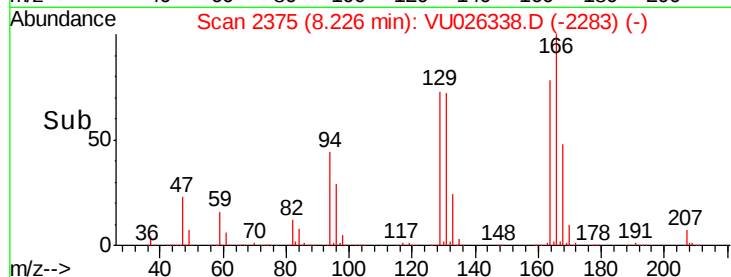
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

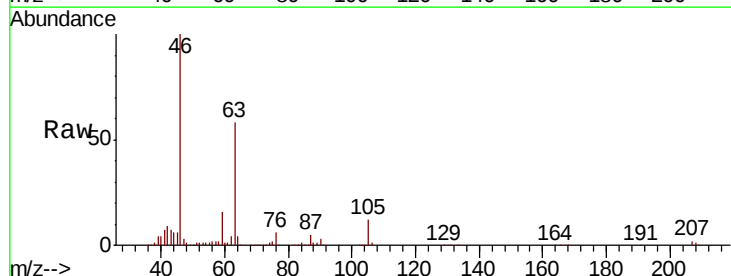
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 4.422 ug/L
RT: 8.32 min Scan# 2405
Delta R.T. -0.04 min
Lab File: VU026338.D
Acq: 24 Aug 2018 17:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.0	42.6	63.8#
57	24.9	15.1	22.7#
100	0.0	9.5	14.3#



Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

