

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026333.D
 Acq On : 24 Aug 2018 15:04
 Operator : MD/SY
 Sample : J4624-02ME
 Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 02:31:14 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	313336	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	313950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	161459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74904	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.38%
7) Chloroethane-d5	1.64	69	47787	30.66	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.32%#
11) 1,1-Dichloroethene-d2	2.24	63	114427	30.46	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.92%
21) 2-Butanone-d5	4.19	46	133379	87.44	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.44%
24) Chloroform-d	4.64	84	177081	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.14%
26) 1,2-Dichloroethane-d4	5.31	65	120096	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
32) Benzene-d6	5.34	84	344138	40.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.94%
36) 1,2-Dichloropropane-d6	6.33	67	111742	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.88%
41) Toluene-d8	7.57	98	306105	38.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.26%#
43) trans-1,3-Dichloropropene-	7.85	79	54200	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.80%
47) 2-Hexanone-d5	8.33	63	102369	88.82	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.82%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	177894	44.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	145924	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%

Target Compounds

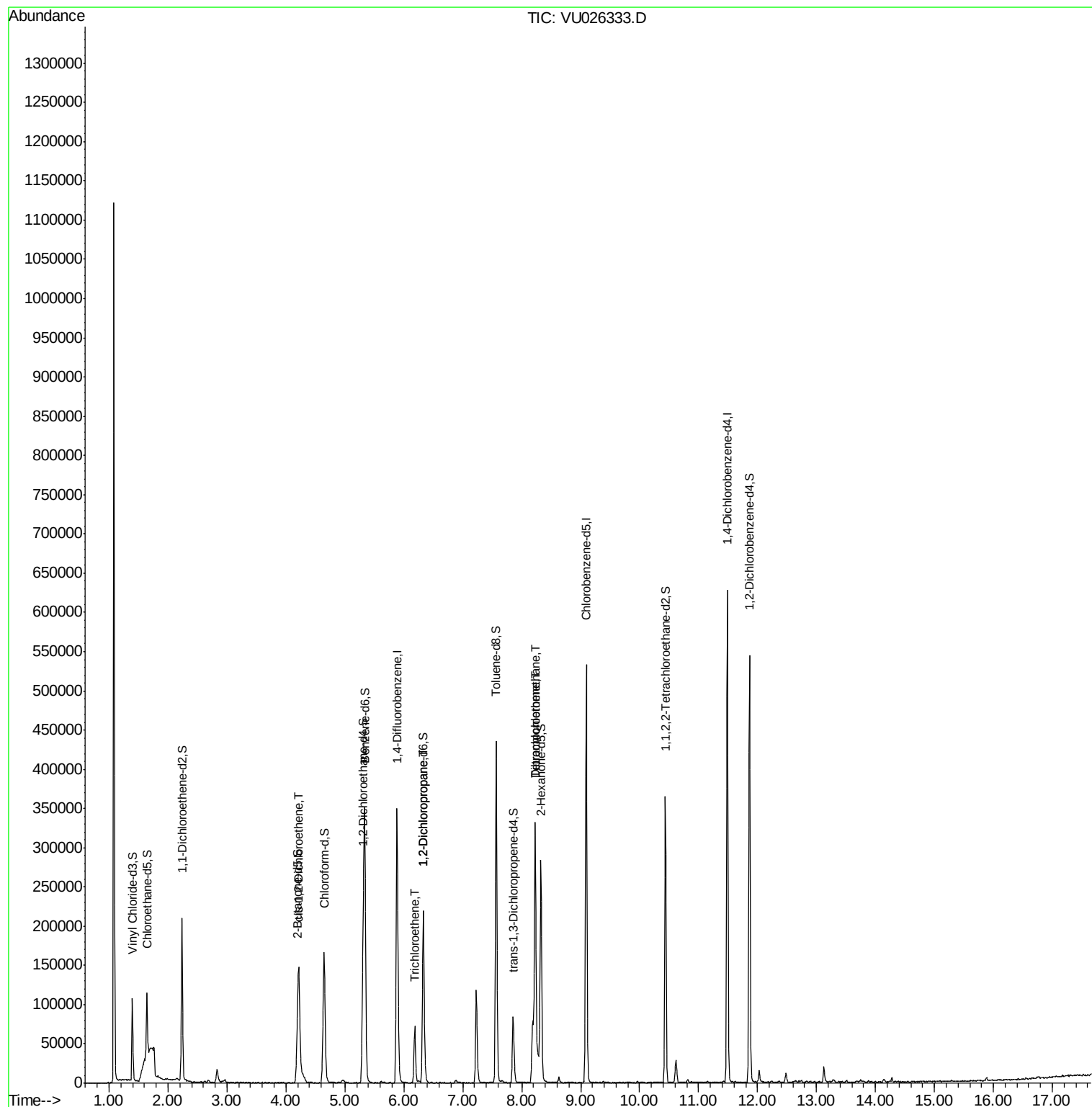
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	62709	27.948	ug/L 97
34) Trichloroethene	6.18	95	24146	10.669	ug/L 94
37) 1,2-Dichloropropane	6.33	63	12246	5.235	ug/L # 88
46) Tetrachloroethene	8.23	164	69958	35.923	ug/L 94
49) Dibromochloromethane	8.23	129	62458	22.999	ug/L # 11

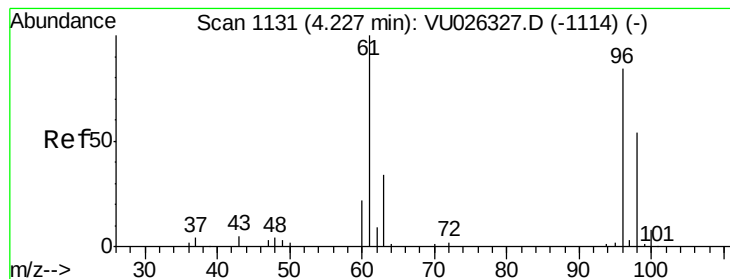
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 27.948 ug/L

RT: 4.22 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VU026333.D

Acq: 24 Aug 2018 15:04

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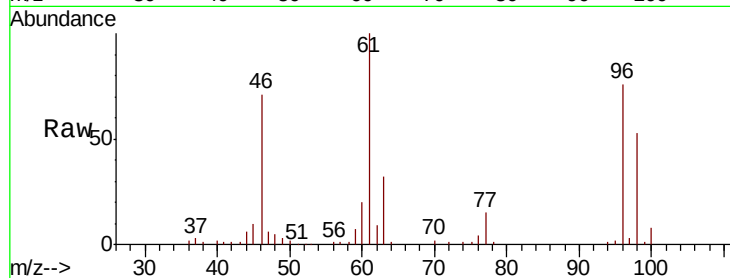
Tot Ion: 96 Resp: 62709

Ion Ratio Lower Upper

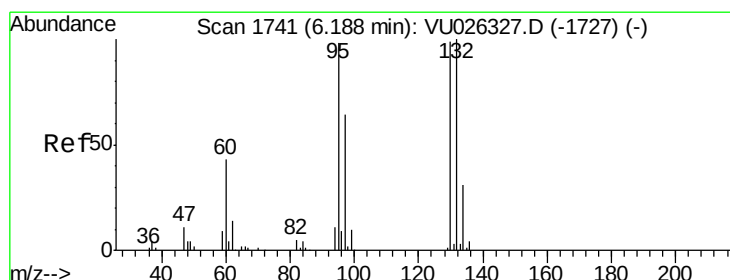
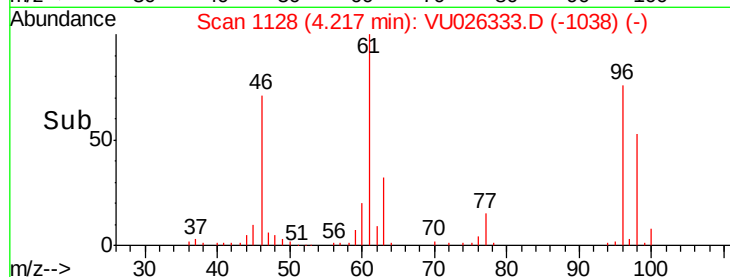
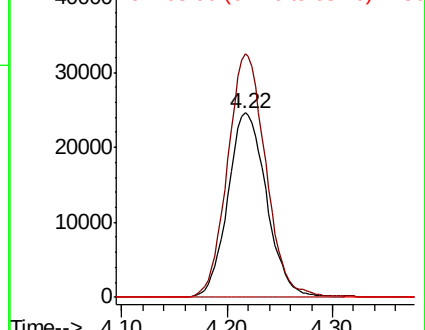
96 100

61 132.0 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: 10.669 ug/L

RT: 6.18 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VU026333.D

Acq: 24 Aug 2018 15:04

Tgt Ion: 95 Resp: 24146

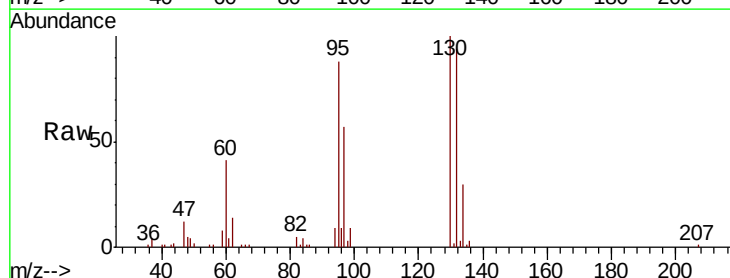
Ion Ratio Lower Upper

95 100

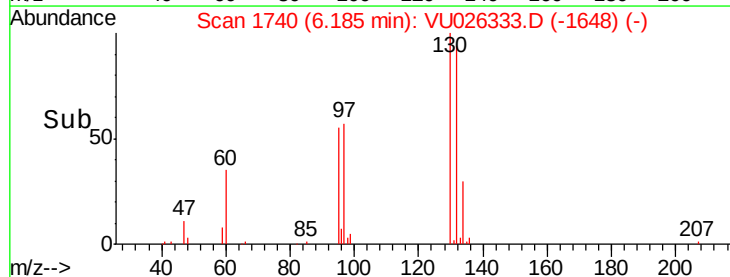
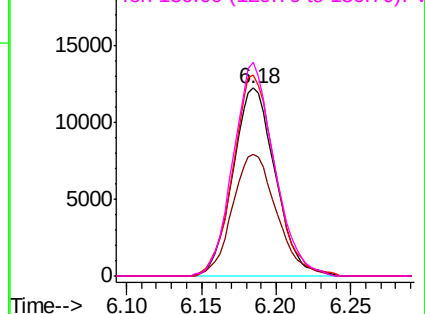
97 65.0 47.2 87.6

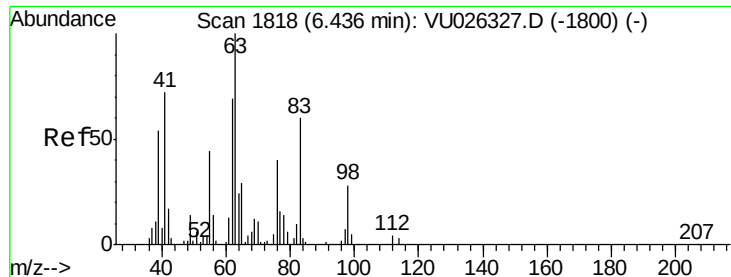
132 106.7 70.2 130.4

130 113.8 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

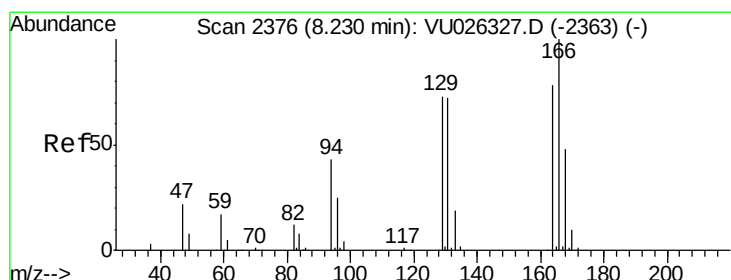
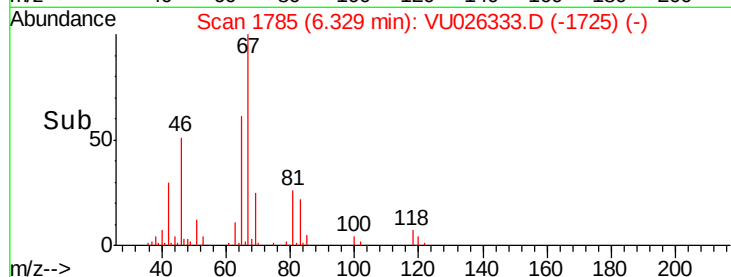
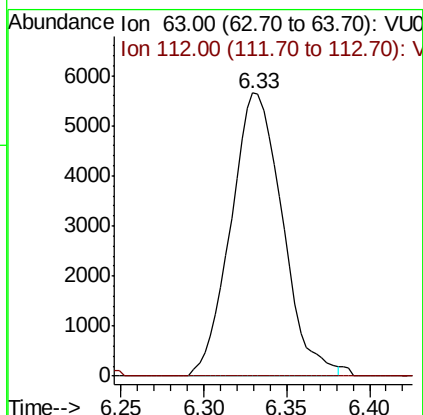
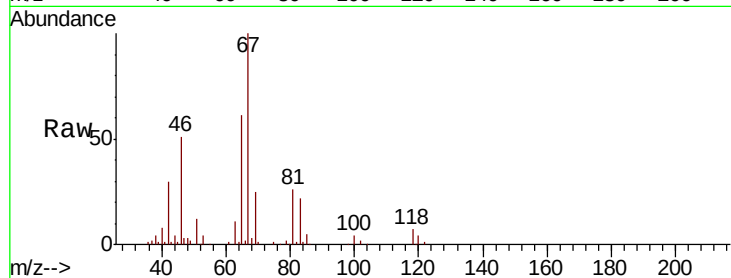




#37
 1,2-Dichloropropane
 Concen: 5.235 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.11 min
 Lab File: VU026333.D
 Acq: 24 Aug 2018 15:04

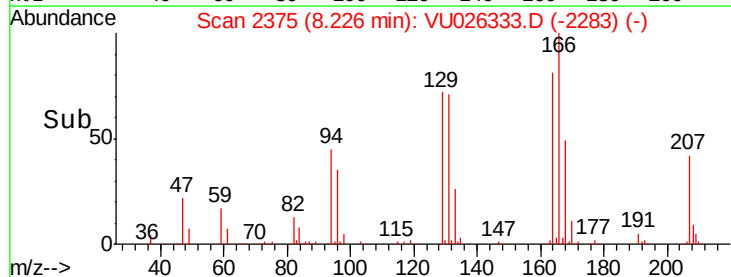
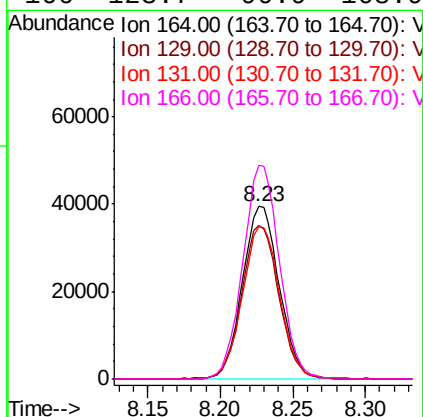
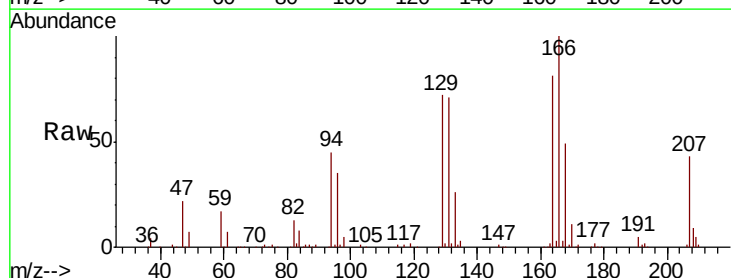
Instrument :
 MSVOA_U
 ClientSampleId :

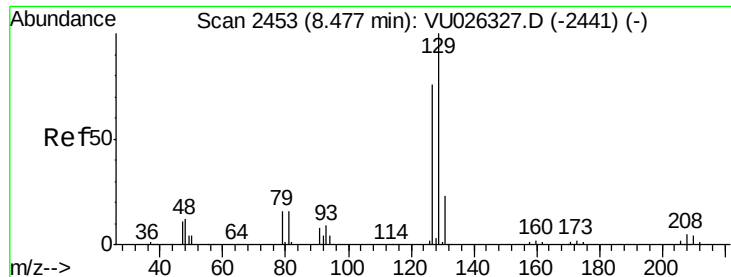
Tot Ion: 63 Resp: 12246
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#46
 Tetrachloroethene
 Concen: 35.923 ug/L
 RT: 8.23 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: VU026333.D
 Acq: 24 Aug 2018 15:04

Tgt Ion: 164 Resp: 69958
 Ion Ratio Lower Upper
 164 100
 129 89.0 67.3 124.9
 131 88.1 65.5 121.7
 166 123.7 90.9 168.9





#49

Dibromochloromethane

Concen: 22.999 ug/L

RT: 8.23 min Scan# 2375

Delta R.T. -0.25 min

Lab File: VU026333.D

Acq: 24 Aug 2018 15:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 62458

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

