

Data File : VU031810.D
Acq On : 07 May 2019 17:24
Operator : JC/SP
Sample : K2690-24DL 10X
Misc : 6.29g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5168DL

Quant Time: May 08 06:52:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	641170	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	610892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	174341	32.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.98%
7) Chloroethane-d5	1.67	69	146568	35.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.68%
11) 1,1-Dichloroethene-d2	2.26	63	280425	26.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.48%#
21) 2-Butanone-d5	4.18	46	555569	114.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.27%
24) Chloroform-d	4.64	84	403861	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.31	65	302011	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
32) Benzene-d6	5.34	84	722251	38.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.32	67	287398	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.10%
41) Toluene-d8	7.56	98	543327	33.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.50%#
43) trans-1,3-Dichloropropene-	7.85	79	108160	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.36%
47) 2-Hexanone-d5	8.31	63	293739	102.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	401509	45.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	193703	40.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.66%

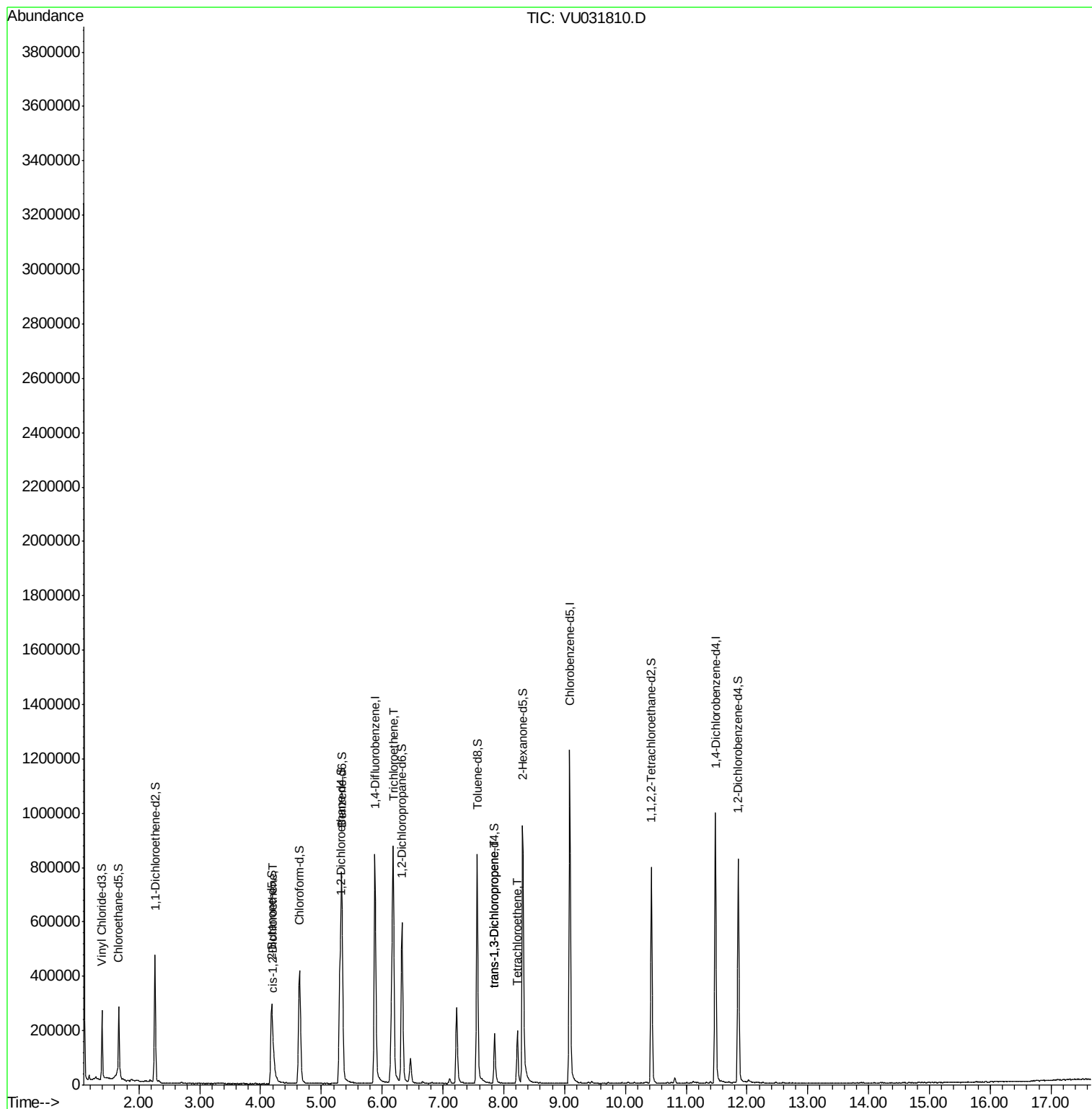
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	6180	1.105	ug/L	80
34) Trichloroethene	6.18	95	298551	54.836	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	4190	0.548	ug/L #	41
46) Tetrachloroethene	8.22	164	40452	10.899	ug/L	95

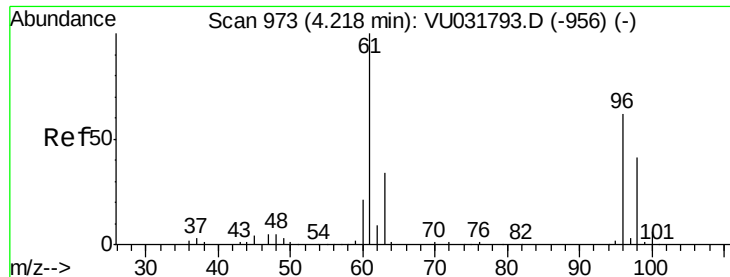
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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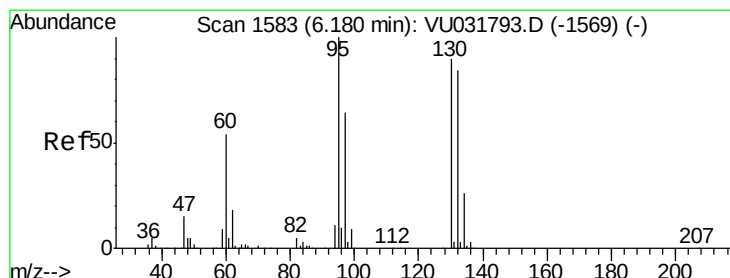
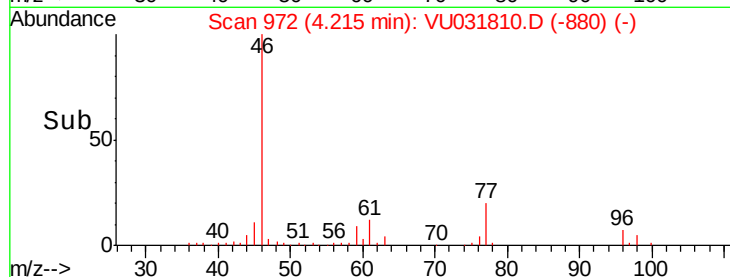
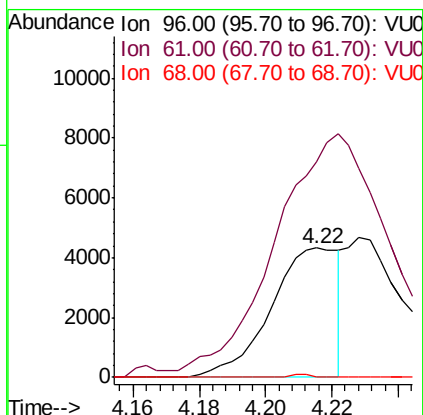
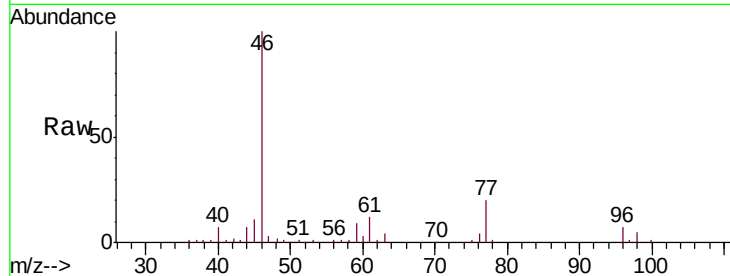




#20
 cis-1,2-Dichloroethene
 Concen: 1.105 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU031810.D
 Acq: 07 May 2019 17:24

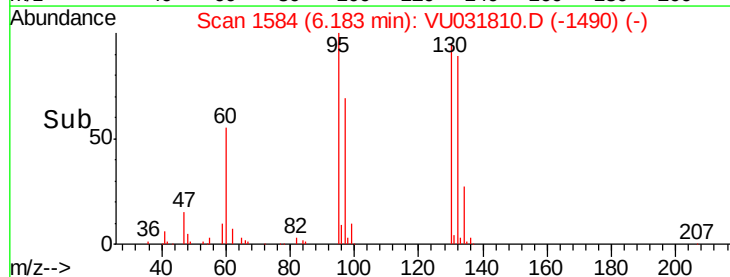
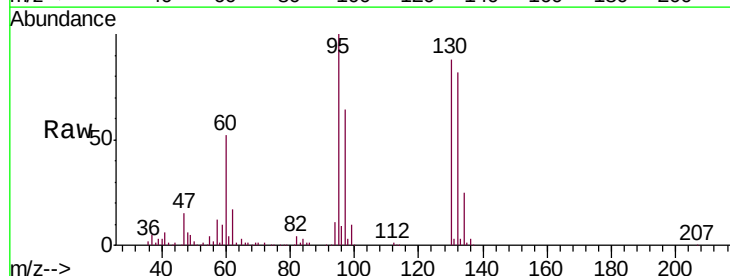
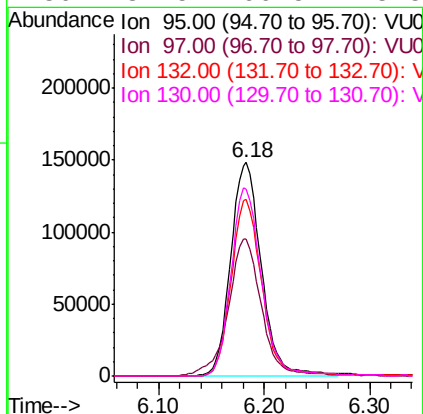
Instrument :
 MSVOA_U
 ClientSampleID :
 A5168DL

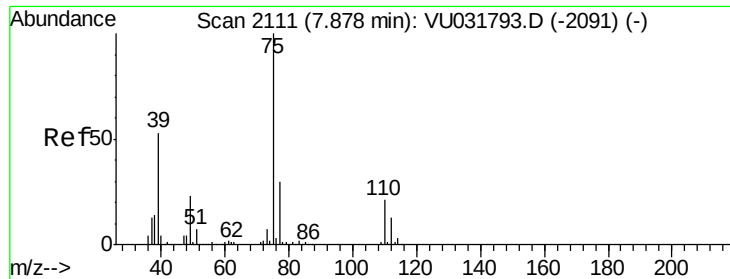
Tgt Ion: 96 Resp: 6180
 Ion Ratio Lower Upper
 96 100
 61 166.5 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 54.836 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031810.D
 Acq: 07 May 2019 17:24

Tgt Ion: 95 Resp: 298551
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.8 83.2
 132 82.4 63.1 117.1
 130 87.5 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.548 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031810.D

Acq: 07 May 2019 17:24

Instrument :

MSVOA_U

ClientSampleId :

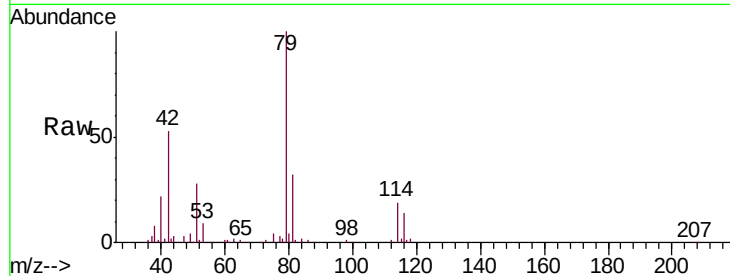
A5168DL

Tgt Ion: 75 Resp: 4190

Ion Ratio Lower Upper

75 100

77 64.5 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031810.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU031810.D (-2101) (-)

7.85

2500

2000

1500

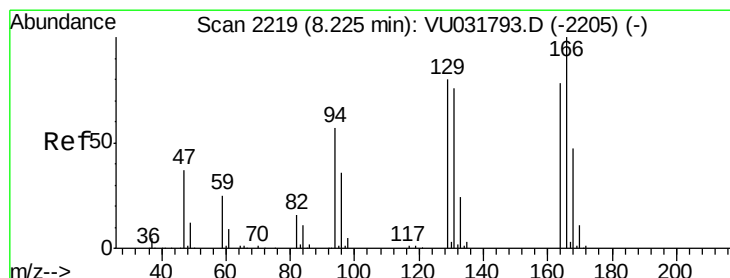
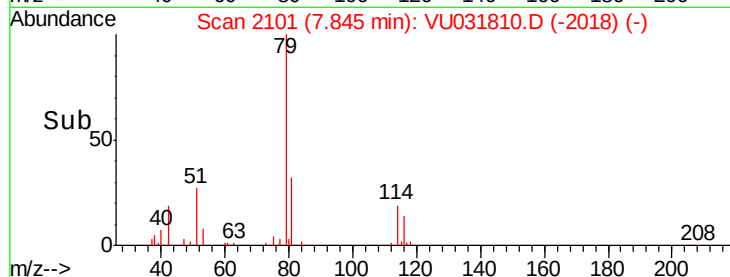
1000

500

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 10.899 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031810.D

Acq: 07 May 2019 17:24

Tgt Ion: 164 Resp: 40452

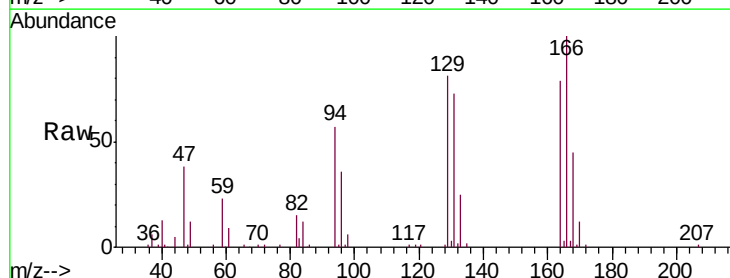
Ion Ratio Lower Upper

164 100

129 102.0 71.5 132.9

131 91.7 69.0 128.2

166 125.8 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): VU031810.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU031810.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU031810.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU031810.D (-2219) (-)

8.22

40000

30000

20000

10000

0

8.15 8.20 8.25

Time-->

