

Data File : VU031805.D
Acq On : 07 May 2019 15:27
Operator : JC/SP
Sample : K2690-06
Misc : 4.89g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5152

Quant Time: May 08 06:52:10 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	683941	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	651092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	236886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	182690	31.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.84%
7) Chloroethane-d5	1.67	69	140017	31.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.30%#
11) 1,1-Dichloroethene-d2	2.32	63	525	0.05	ug/L	0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.10%#
21) 2-Butanone-d5	4.20	46	424469	81.84	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.84%
24) Chloroform-d	4.78	84	271	0.03	ug/L	0.13
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.06%#
26) 1,2-Dichloroethane-d4	5.31	65	319392	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
32) Benzene-d6	5.33	84	773317	38.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.36%
36) 1,2-Dichloropropane-d6	6.32	67	301688	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.78%
41) Toluene-d8	7.56	98	602021	34.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.14%#
43) trans-1,3-Dichloropropene-	7.85	79	119688	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
47) 2-Hexanone-d5	8.33	63	302698	99.42	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.42%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	404214	42.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	197661	39.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.36%#

Target Compounds

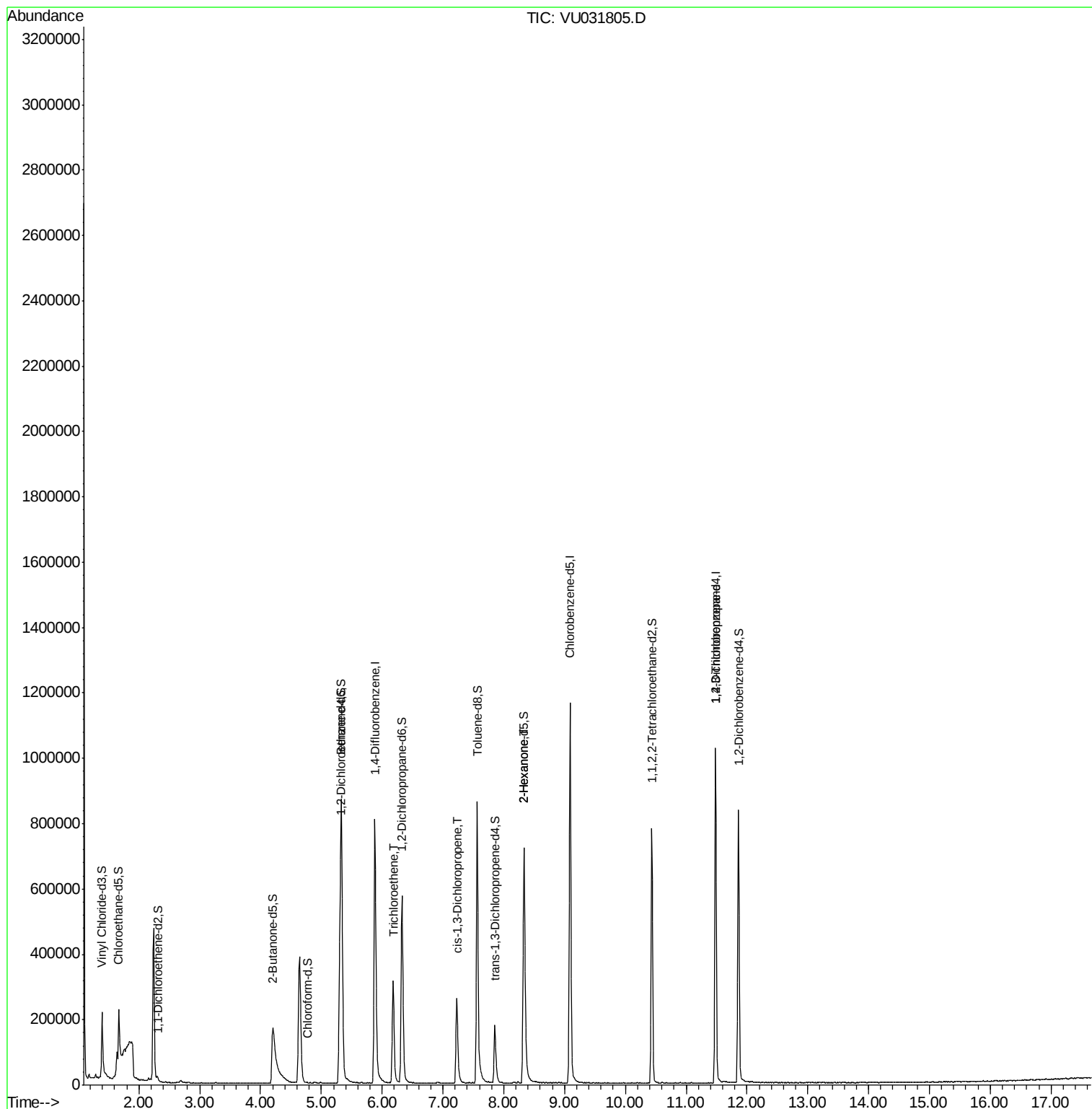
						Qvalue
34) Trichloroethene	6.18	95	121303	20.905	ug/L	94
39) cis-1,3-Dichloropropene	7.22	75	6879	0.766	ug/L #	73
48) 2-Hexanone	8.33	43	44841	5.303	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	35859	4.451	ug/L	92

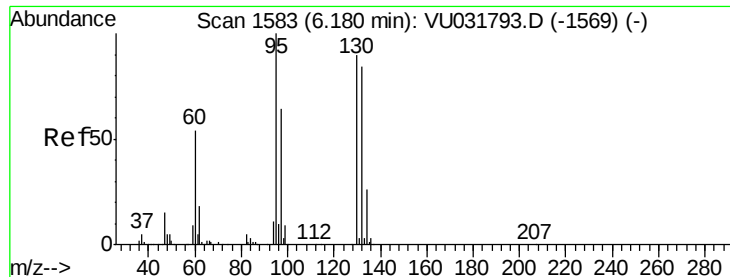
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 20.905 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

A5152

Tgt Ion: 95 Resp: 121303

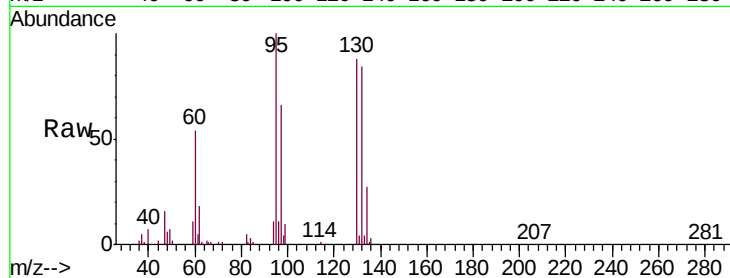
Ion Ratio Lower Upper

95 100

97 65.8 44.8 83.2

132 84.0 63.1 117.1

130 87.9 66.5 123.5

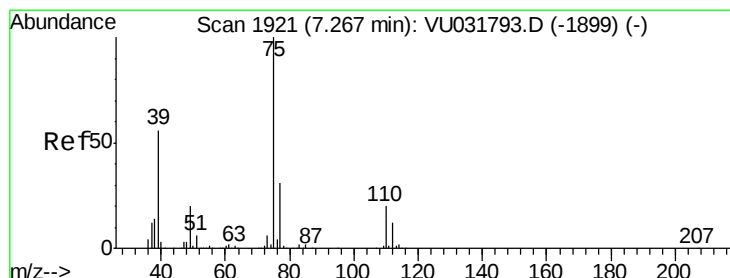
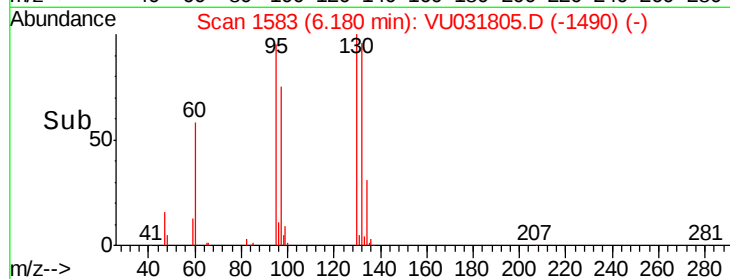
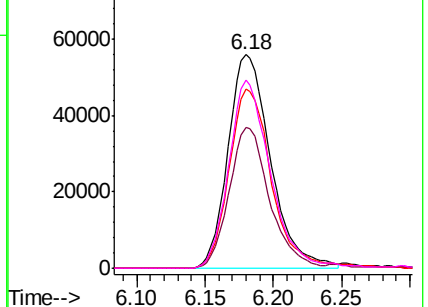


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#39

cis-1,3-Dichloropropene

Concen: 0.766 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.05 min

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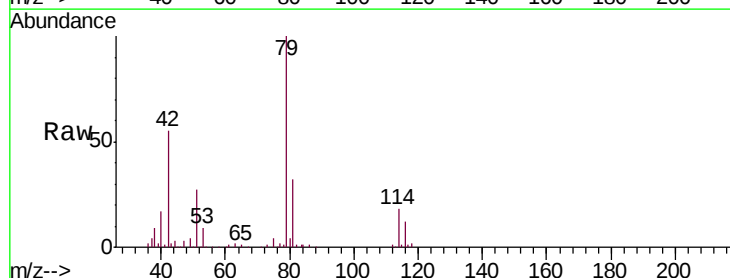
Acq: 07 May 2019 15:27

Tgt Ion: 75 Resp: 6879

Ion Ratio Lower Upper

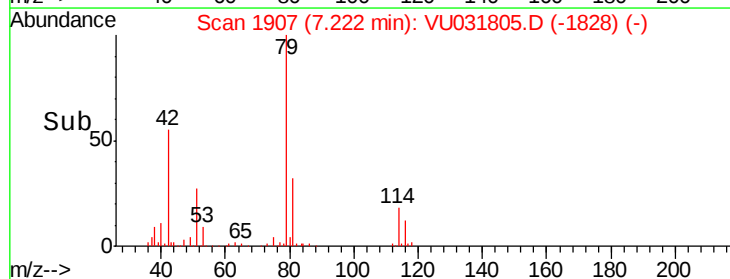
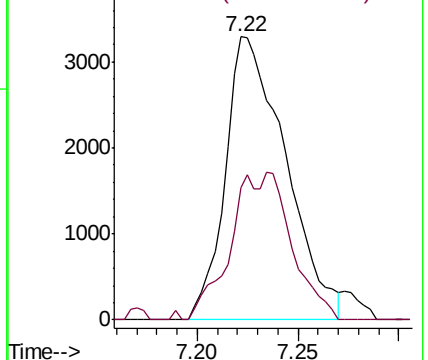
75 100

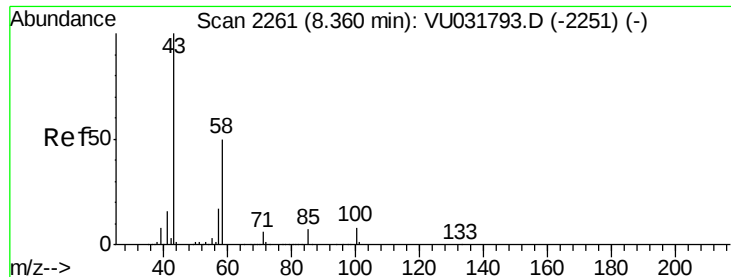
77 46.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

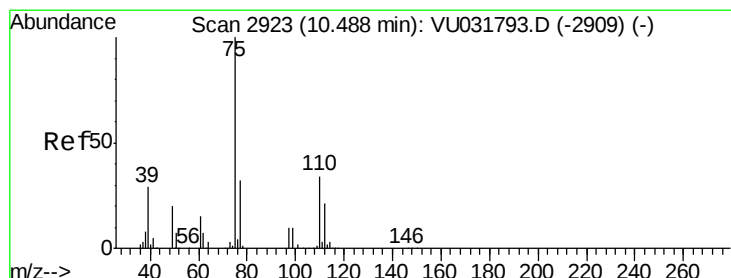
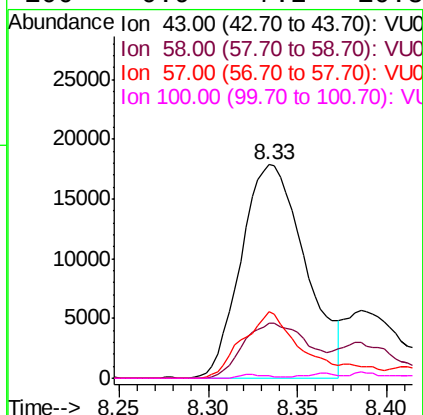
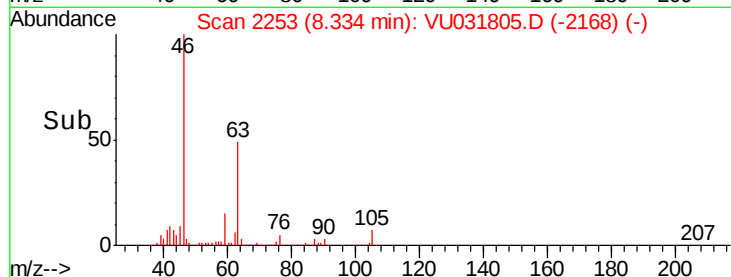
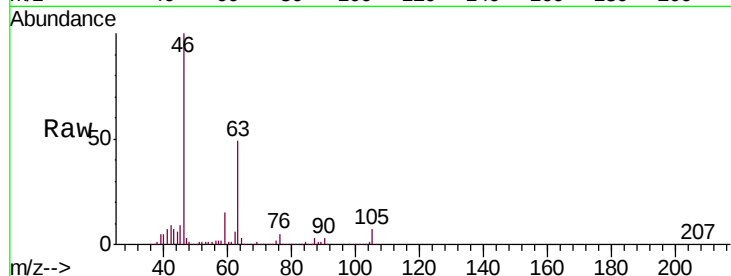




#48
 2-Hexanone
 Concen: 5.303 ug/L
 RT: 8.33 min Scan# 2253
 Delta R.T. -0.03 min
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 MSVOA_U
 ClientSampled :
 A5152

Tgt Ion: 43 Resp: 44841
 Ion Ratio Lower Upper
 43 100
 58 26.1 42.1 63.1#
 57 27.4 14.6 22.0#
 100 0.9 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.451 ug/L
 RT: 11.49 min Scan# 3233
 Delta R.T. 1.00 min
 Lab File: VU031805.D
 Acq: 07 May 2019 15:27

Tgt Ion: 75 Resp: 35859
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.9 38.9

