

Data File : VU031887.D
Acq On : 10 May 2019 14:39
Operator : JC/SP
Sample : K2690-19ME
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5165ME

Quant Time: May 11 01:01:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1101818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1105873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	465561	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	341983	37.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.18%
7) Chloroethane-d5	1.64	69	188036	26.39	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.78%#
11) 1,1-Dichloroethene-d2	2.22	63	507688	27.65	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.30%#
21) 2-Butanone-d5	4.20	46	619519	74.15	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.15%
24) Chloroform-d	4.64	84	640085	37.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.80%
26) 1,2-Dichloroethane-d4	5.30	65	439329	39.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.64%
32) Benzene-d6	5.33	84	1355581	39.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.84%
36) 1,2-Dichloropropane-d6	6.32	67	466104	39.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.02%
41) Toluene-d8	7.56	98	1166141	39.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.86%#
43) trans-1,3-Dichloropropene-	7.85	79	189581	36.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.94%
47) 2-Hexanone-d5	8.32	63	479226	92.67	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	694430	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	424937	43.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

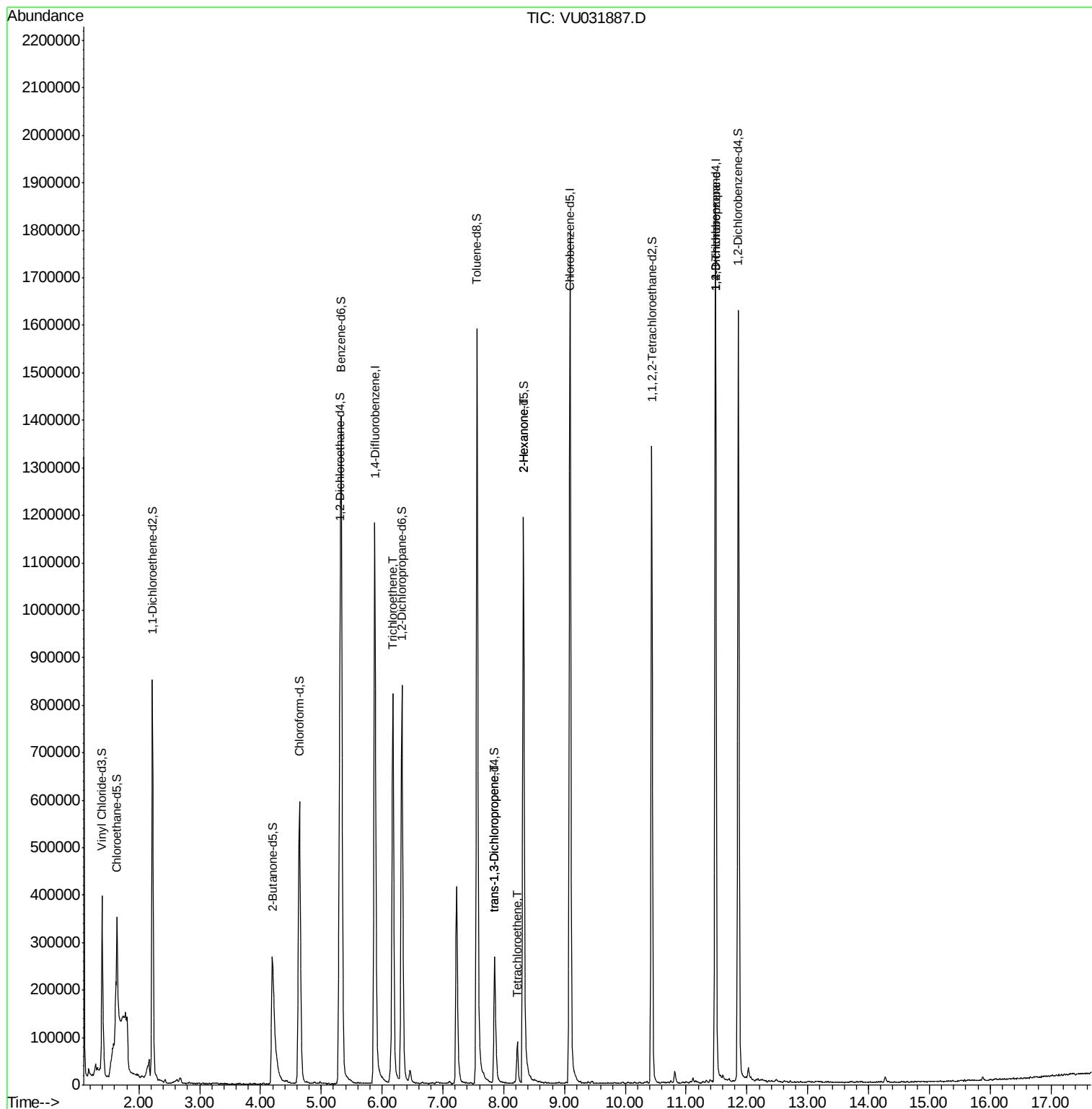
					Qvalue
34) Trichloroethene	6.18	95	312285	31.686 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	8671	0.627 ug/L	90
46) Tetrachloroethene	8.22	164	19486	2.900 ug/L	91
48) 2-Hexanone	8.32	43	56374	3.925 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	63404	4.633 ug/L	92

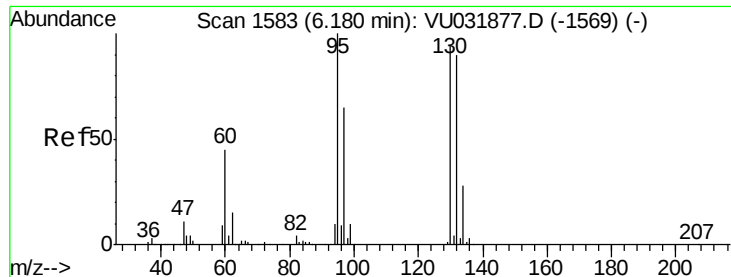
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 31.686 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

A5165ME

Tgt Ion: 95 Resp: 312285

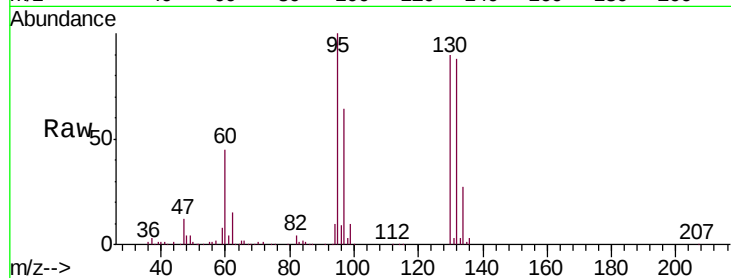
Ion Ratio Lower Upper

95 100

97 63.9 44.8 83.2

132 88.0 63.1 117.1

130 89.7 66.5 123.5

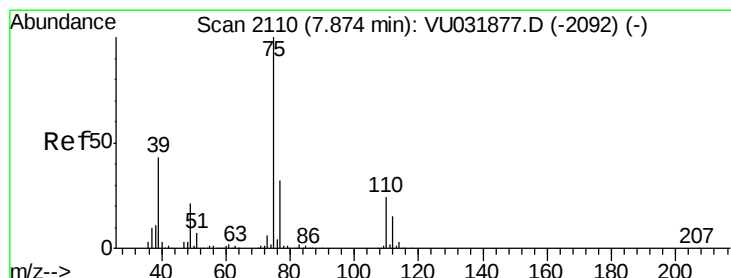
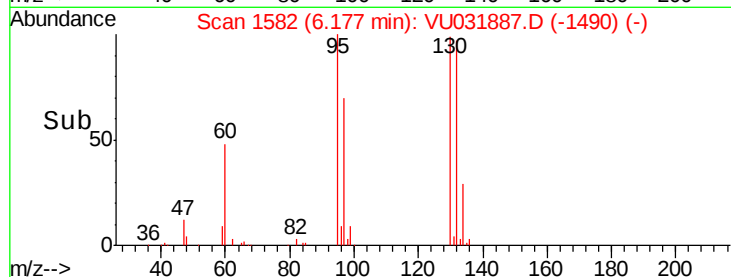
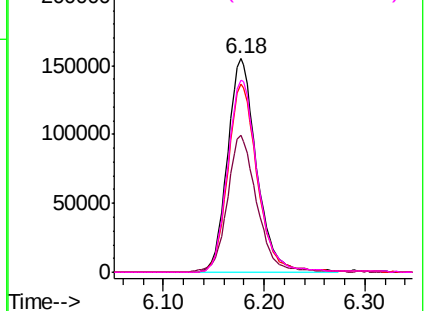


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#44

trans-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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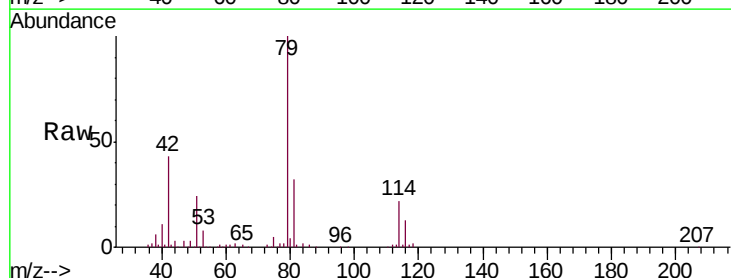
Acq: 10 May 2019 14:39

Tgt Ion: 75 Resp: 8671

Ion Ratio Lower Upper

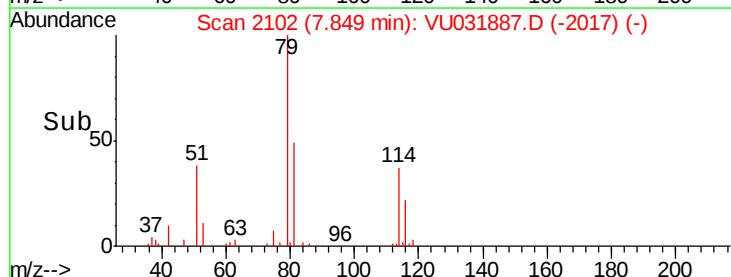
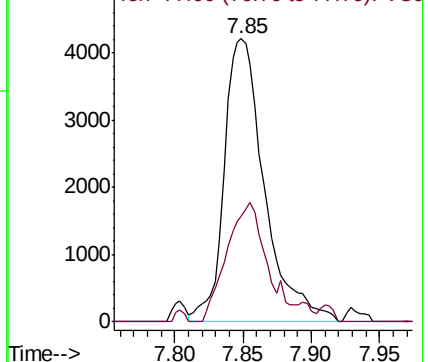
75 100

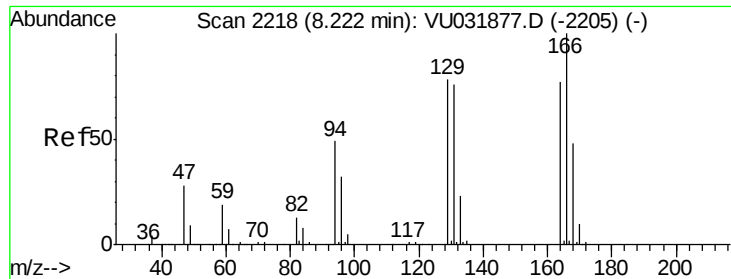
77 37.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

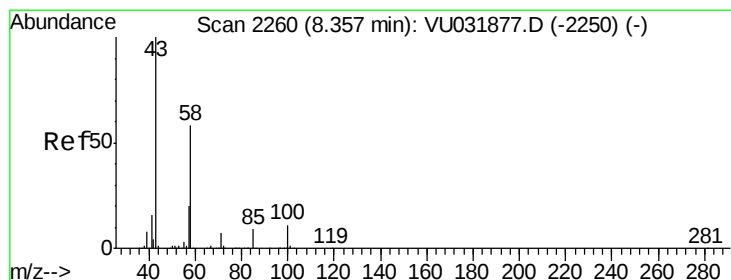
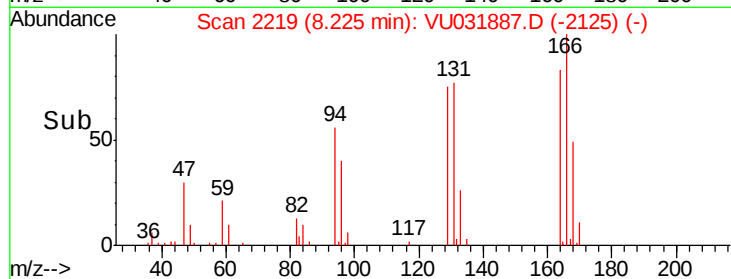
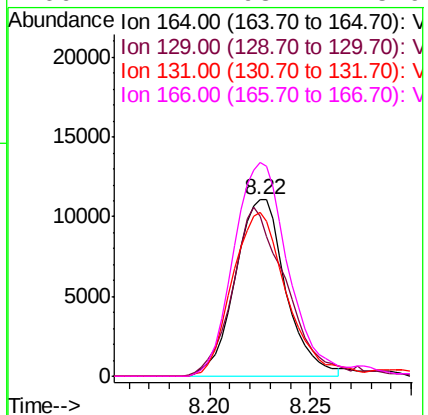
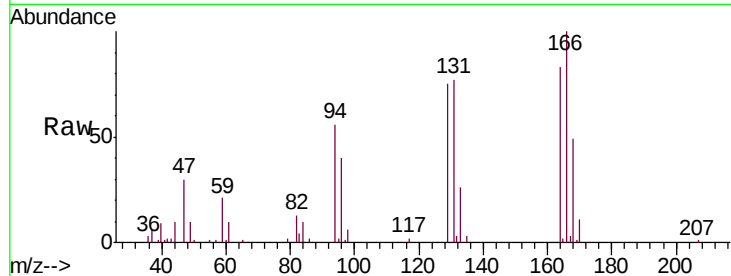




#46
Tetrachloroethene
Concen: 2.900 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031887.D
Acq: 10 May 2019 14:39

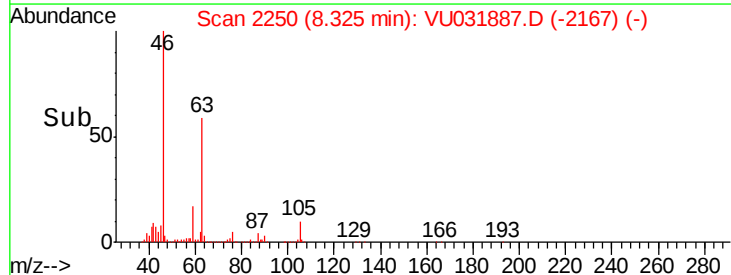
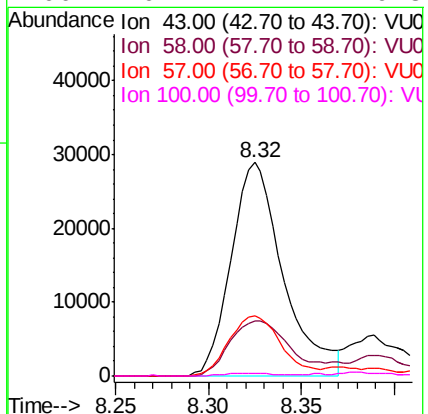
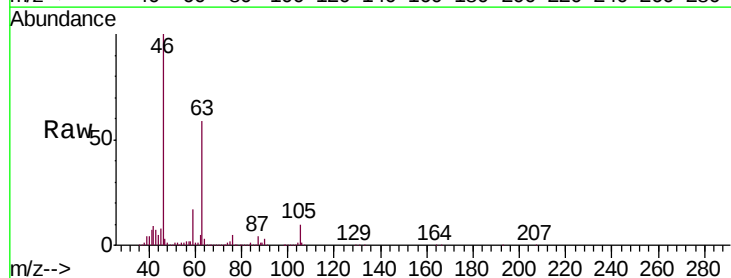
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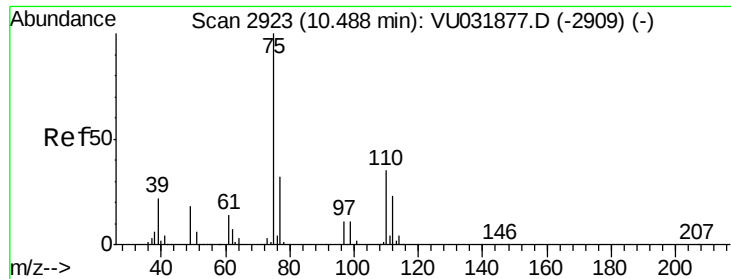
Tgt Ion:164 Resp: 19486
Ion Ratio Lower Upper
164 100
129 91.0 71.5 132.9
131 93.3 69.0 128.2
166 121.2 93.7 173.9



#48
2-Hexanone
Concen: 3.925 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.03 min
Lab File: VU031887.D
Acq: 10 May 2019 14:39

Tgt Ion: 43 Resp: 56374
Ion Ratio Lower Upper
43 100
58 28.8 42.1 63.1#
57 28.2 14.6 22.0#
100 0.7 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.633 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031887.D

Acq: 10 May 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

A5165ME

Tgt Ion: 75 Resp: 63404

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

