

Data File : VU035645.D
Acq On : 06 Nov 2019 14:25
Operator : JC/SP
Sample : K5697-08DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AA7DL

Quant Time: Nov 07 04:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	609303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	594194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	168150	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	162240	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.94%
7) Chloroethane-d5	1.93	69	152770	38.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.74%
11) 1,1-Dichloroethene-d2	2.80	63	187	0.02	ug/L	0.21
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.69	46	275194	95.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.73%
24) Chloroform-d	5.11	84	342853	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.75	65	214586	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
32) Benzene-d6	5.77	84	710939	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.74	67	241755	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.26%
41) Toluene-d8	7.93	98	639941	43.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.21	79	103937	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.84%
47) 2-Hexanone-d5	8.68	63	172620	89.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.67%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	328514	45.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.98%
64) 1,2-Dichlorobenzene-d4	12.22	152	171776	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%

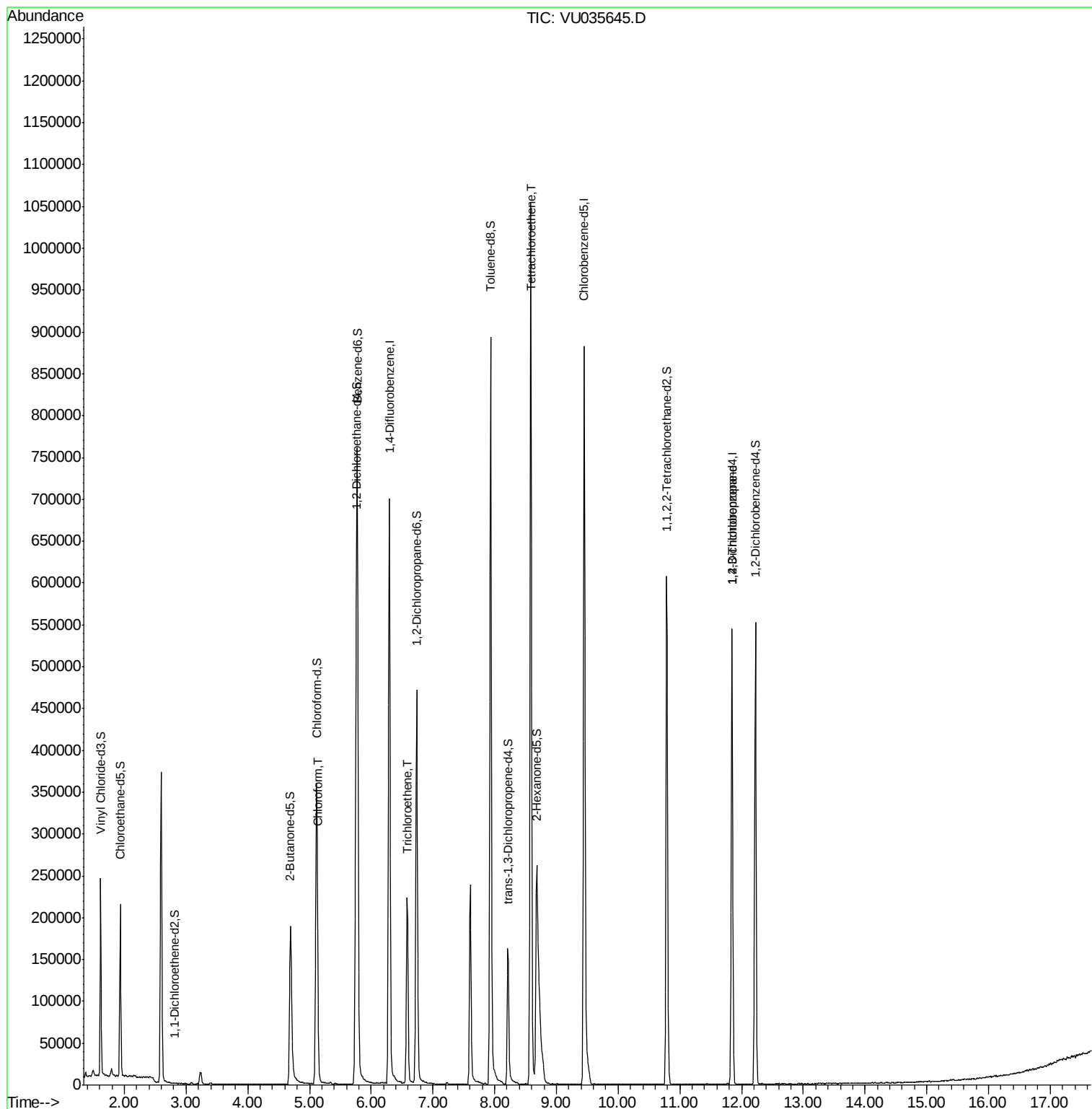
Target Compounds					Qvalue
25) Chloroform	5.14	83	11614	1.512	ug/L 96
34) Trichloroethene	6.58	95	76198	17.948	ug/L 98
46) Tetrachloroethene	8.59	164	263372	74.192	ug/L 98
59) 1,2,3-Trichloropropane	11.84	75	17433	2.990	ug/L 97

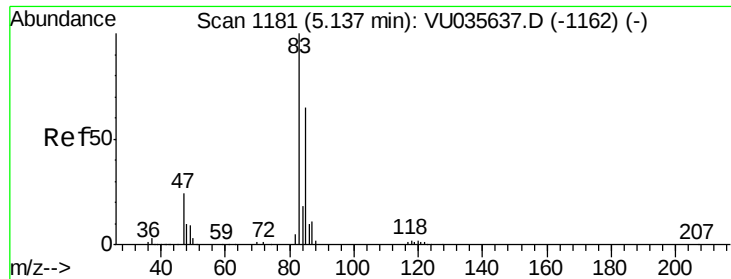
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.512 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

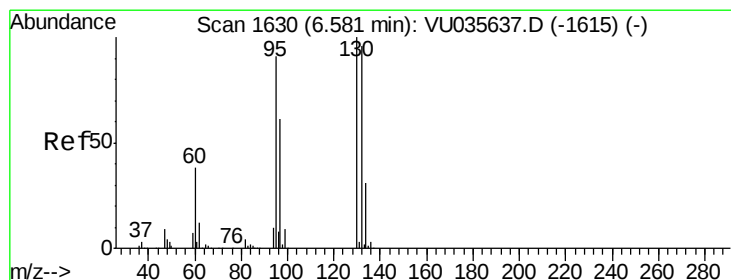
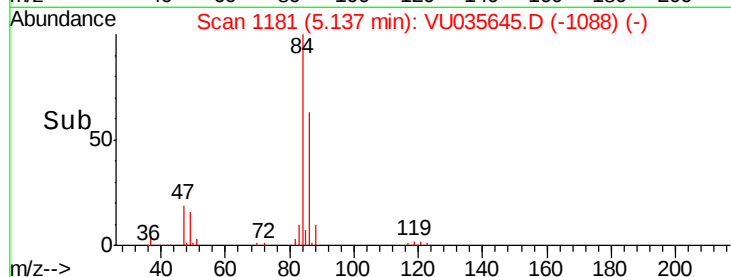
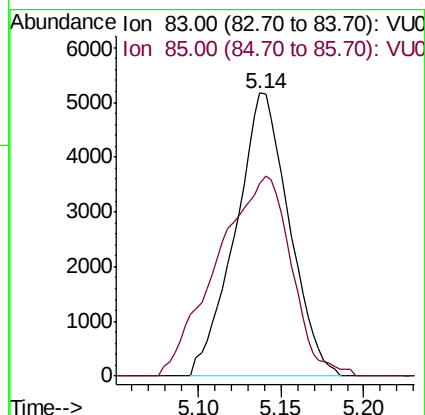
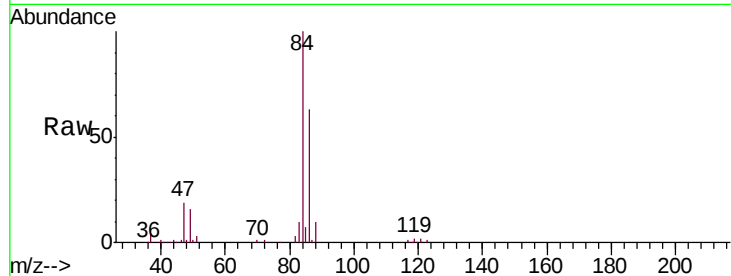
H0AA7DL

Tgt Ion: 83 Resp: 11614

Ion Ratio Lower Upper

83 100

85 68.0 45.4 84.4



#34

Trichloroethene

Concen: 17.948 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 76198

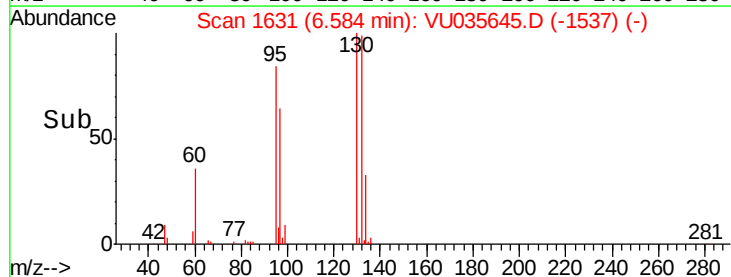
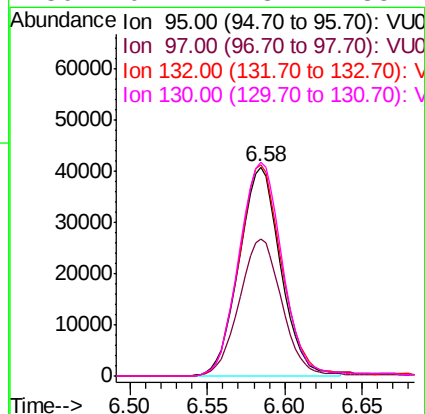
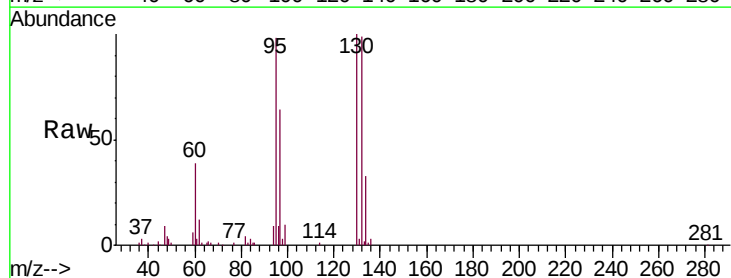
Ion Ratio Lower Upper

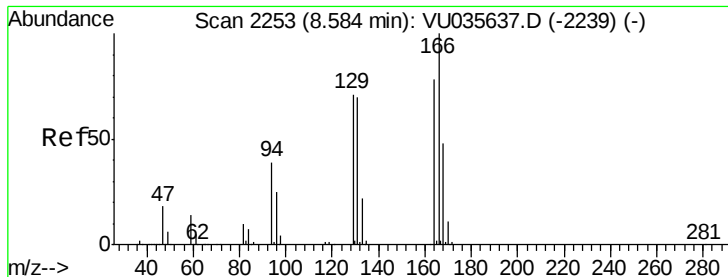
95 100

97 65.7 45.6 84.6

132 101.2 69.9 129.7

130 102.1 73.1 135.7





#46

Tetrachloroethene

Concen: 74.192 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

H0AA7DL

Tgt Ion:164 Resp: 263372

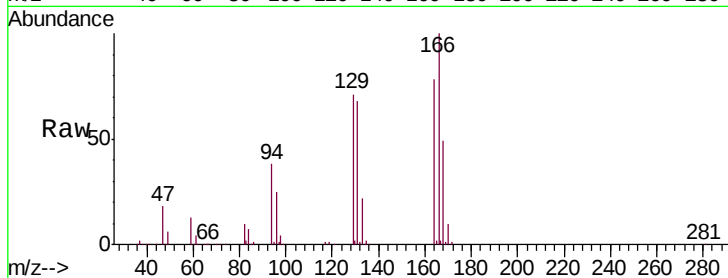
Ion Ratio Lower Upper

164 100

129 91.0 64.1 119.1

131 88.1 63.1 117.1

166 128.7 88.5 164.3

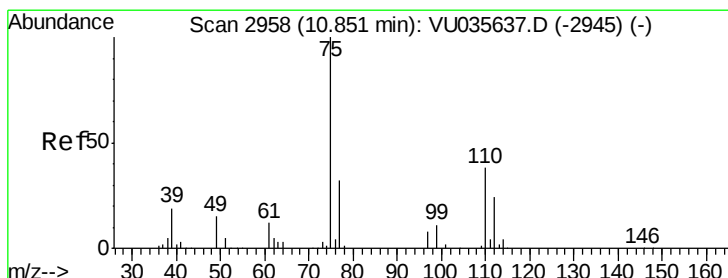
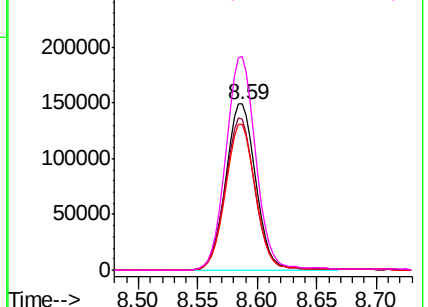
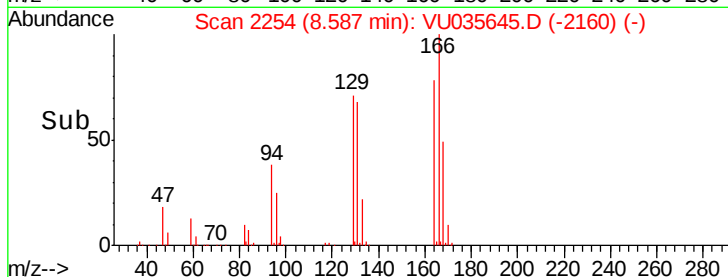


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 2.990 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

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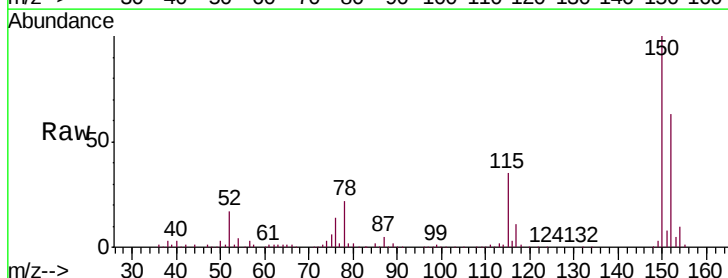
Acq: 06 Nov 2019 14:25

Tgt Ion: 75 Resp: 17433

Ion Ratio Lower Upper

75 100

77 33.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

