

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031565.D
 Acq On : 27 Apr 2019 04:55
 Operator : JC/SP
 Sample : K2592-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X84

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:20:44 AM

Quant Time: Apr 27 05:33:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	818346	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	765946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294732	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	352585	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.96%
7) Chloroethane-d5	1.68	69	276526	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.50%
11) 1,1-Dichloroethene-d2	2.27	63	521511	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.48%
21) 2-Butanone-d5	4.18	46	691683	111.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.46%
24) Chloroform-d	4.64	84	606433	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.31	65	407440	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
32) Benzene-d6	5.34	84	1243569	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.74%
36) 1,2-Dichloropropane-d6	6.32	67	434513	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.56	98	1029629	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%
43) trans-1,3-Dichloropropene-	7.85	79	171207	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
47) 2-Hexanone-d5	8.31	63	424021	118.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	557015	50.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	323596	52.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.42%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	11696	1.008 ug/L	100
13) Acetone	2.34	43	10410m	1.489 ug/L	
34) Trichloroethene	6.18	95	395523	57.941 ug/L	99
46) Tetrachloroethene	8.23	164	15749	3.384 ug/L	91

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

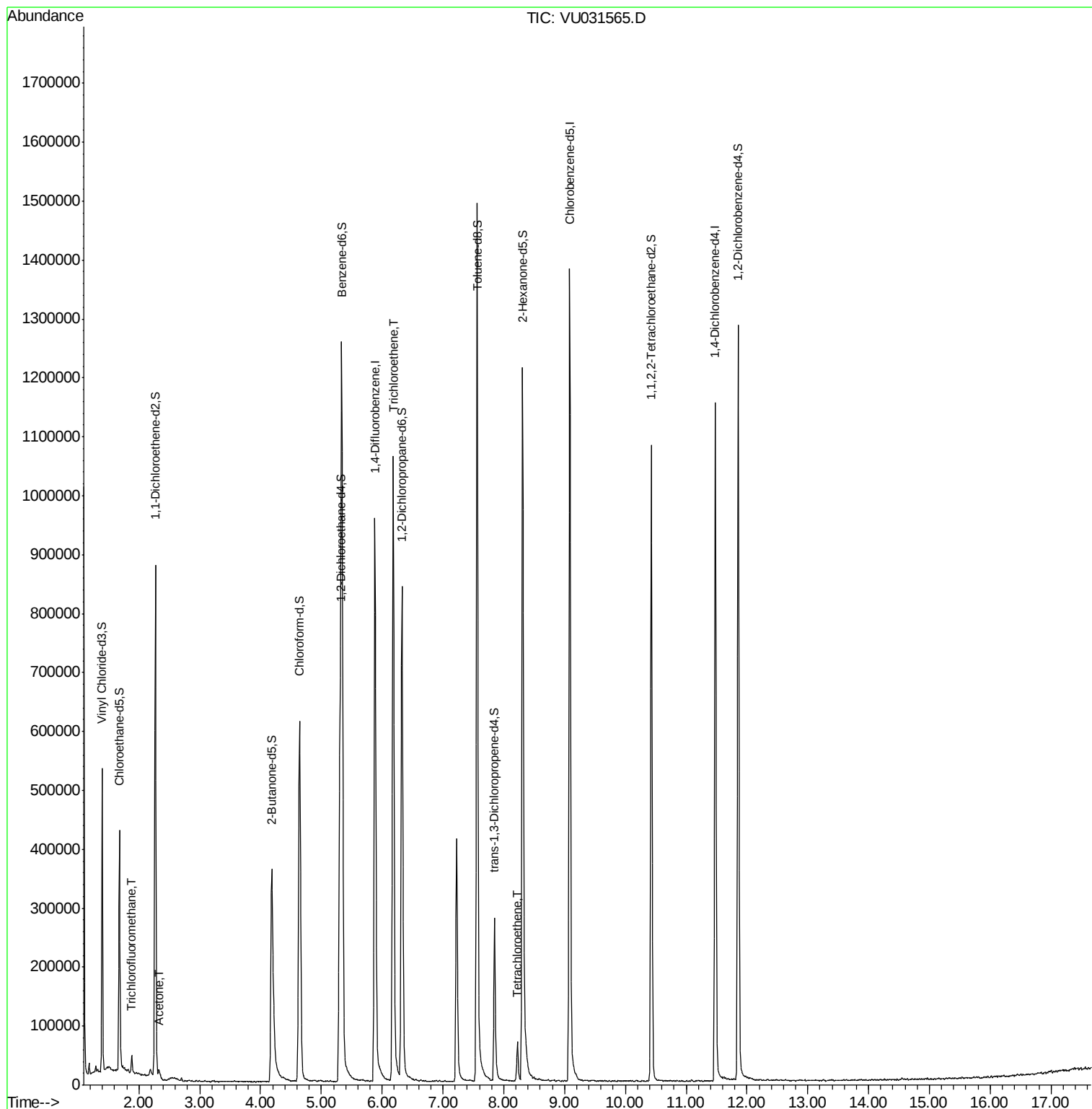
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031565.D
Acq On : 27 Apr 2019 04:55
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ALS Vial : 50 Sample Multiplier: 1

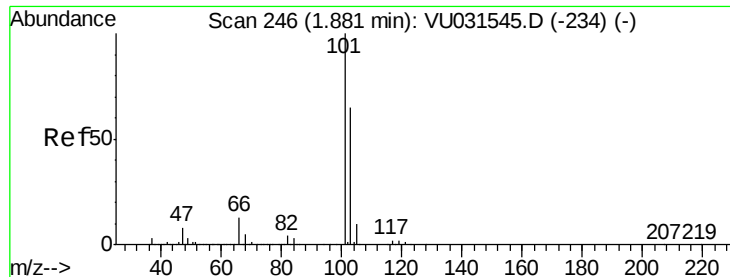
Instrument :
MSVOA_U
ClientSampleId :
C0X84

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Quant Time: Apr 27 05:33:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.008 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031565.D

Acq: 27 Apr 2019 04:55

Instrument :

MSVOA_U

ClientSampled :

C0X84

Tot Ion:101 Resp: 11696

Ion Ratio Lower Upper

101 100

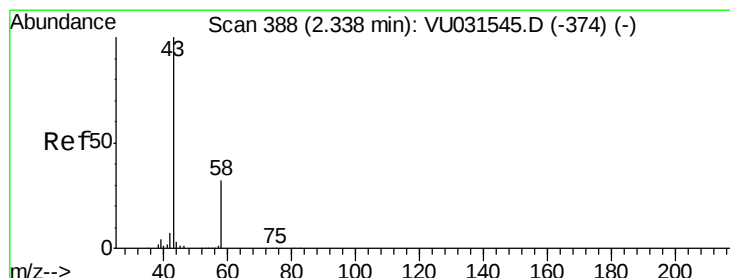
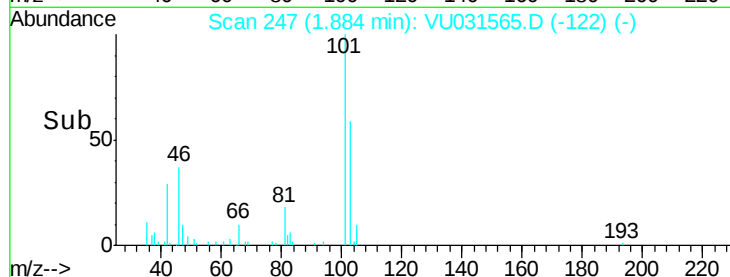
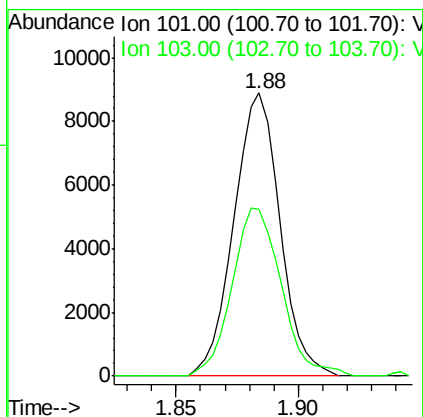
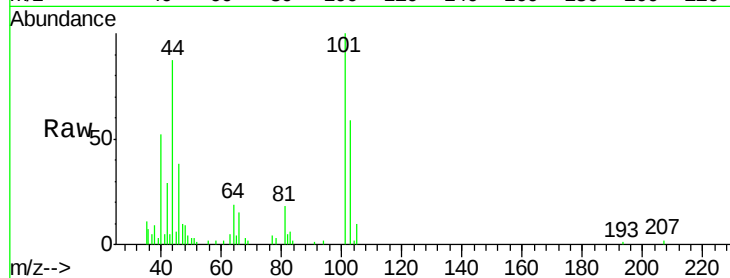
103 63.1 50.8 76.2

Manual Integrations

APPROVED

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4/29/2019 10:20:44 AM



#13

Acetone

Concen: 1.489 ug/L m

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031565.D

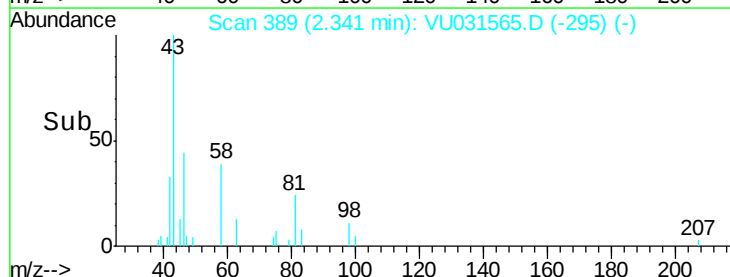
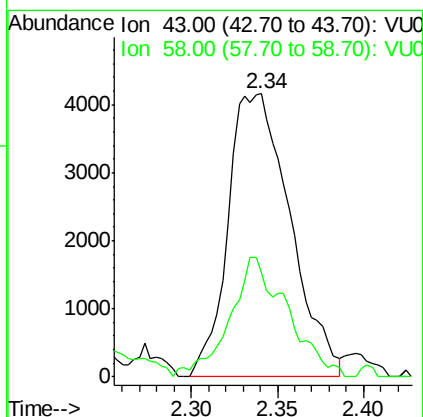
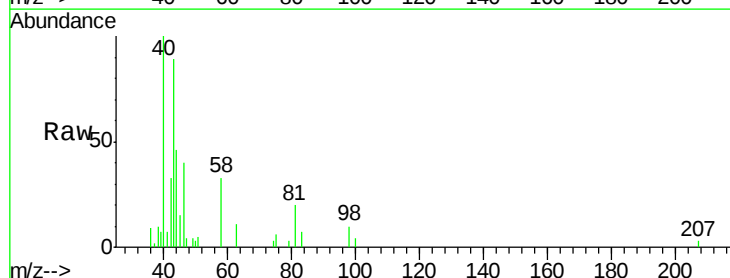
Acq: 27 Apr 2019 04:55

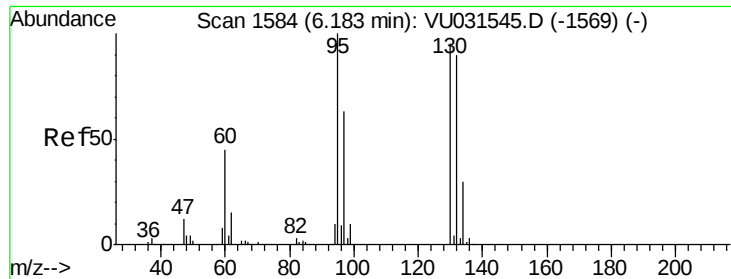
Tgt Ion: 43 Resp: 10410

Ion Ratio Lower Upper

43 100

58 22.8 0.0 64.4





#34

Trichloroethene

Concen: 57.941 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031565.D

Acq: 27 Apr 2019 04:55

Instrument :

MSVOA_U

ClientSampleId :

C0X84

Tot Ion: 95 Resp: 395523

Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 89.2 63.1 117.1

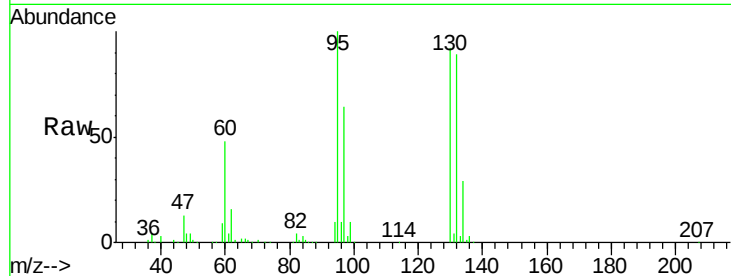
130 92.2 66.5 123.5

Manual Integrations

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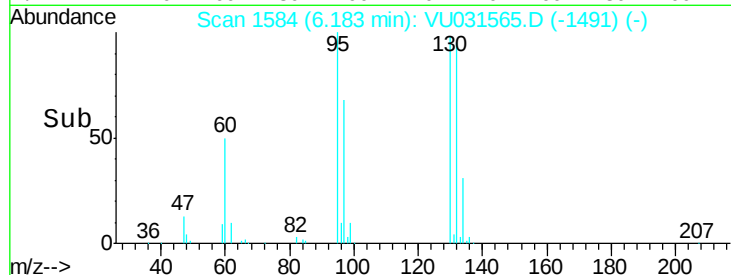
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

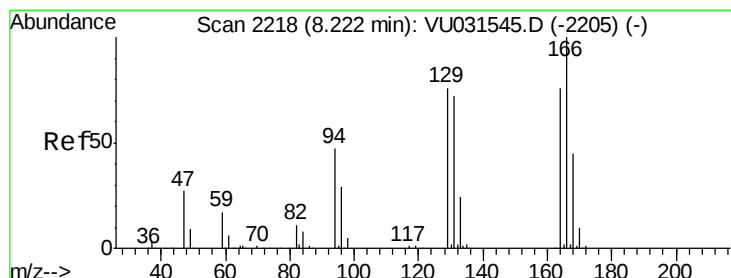
Ion 130.00 (129.70 to 130.70): V

Time-->



Abundance

Time-->



#46

Tetrachloroethene

Concen: 3.384 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031565.D

Acq: 27 Apr 2019 04:55

Tgt Ion:164 Resp: 15749

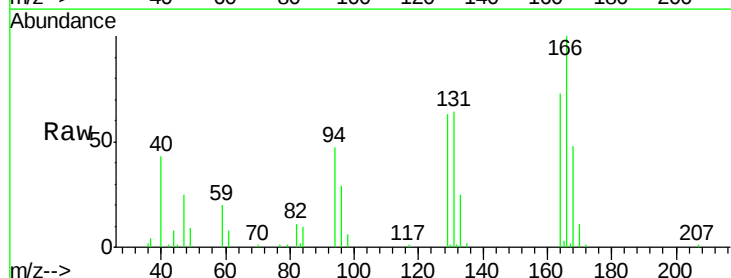
Ion Ratio Lower Upper

164 100

129 85.5 71.5 132.9

131 87.4 69.0 128.2

166 136.5 93.7 173.9



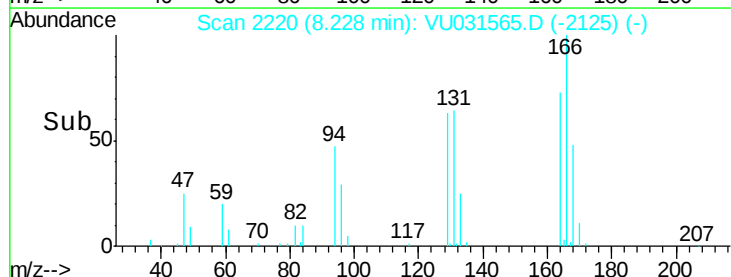
Abundance Ion 164.00 (163.70 to 164.70): V

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

Time-->



Abundance

Time-->