

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031028.D
 Acq On : 10 Apr 2019 21:52
 Operator : JC/SP
 Sample : K2277-21MERE
 Misc : 5.69g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R5MERE

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:44:26 PM

Quant Time: Apr 11 07:07:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	330613	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	338487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148431	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57976	19.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	39.28%#
7) Chloroethane-d5	1.64	69	47679m	21.29	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.58%#
11) 1,1-Dichloroethene-d2	2.23	63	88974m	16.67	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.34%#
21) 2-Butanone-d5	4.20	46	137802	58.91	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.91%
24) Chloroform-d	4.64	84	110788	24.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	49.14%#
26) 1,2-Dichloroethane-d4	5.30	65	86091	27.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.98%#
32) Benzene-d6	5.33	84	223750	22.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.28%#
36) 1,2-Dichloropropane-d6	6.32	67	83732	24.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	49.46%#
41) Toluene-d8	7.56	98	190784	21.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	43.56%#
43) trans-1,3-Dichloropropene-	7.86	79	34844	22.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.12%#
47) 2-Hexanone-d5	8.32	63	80656	52.11	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	52.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132771	29.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	58.14%#
64) 1,2-Dichlorobenzene-d4	11.86	152	78506	26.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	53.78%#

Target Compounds

					Ovalue
13) Acetone	2.34	43	39338	16.435 ug/L	68
20) cis-1,2-Dichloroethene	4.22	96	20970	7.827 ug/L	95
34) Trichloroethene	6.18	95	14102	5.191 ug/L	90
46) Tetrachloroethene	8.22	164	25632	12.977 ug/L	98

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

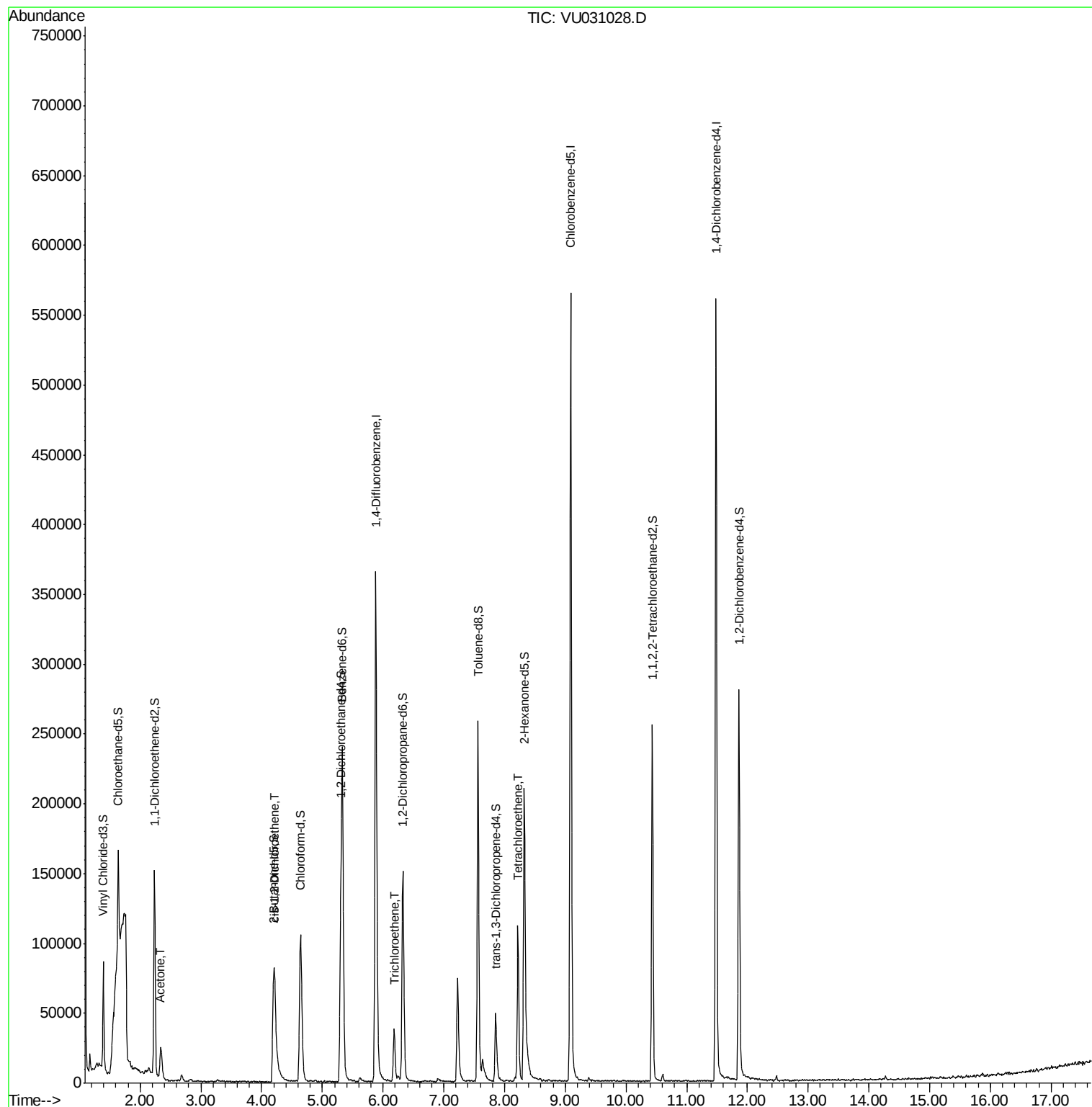
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
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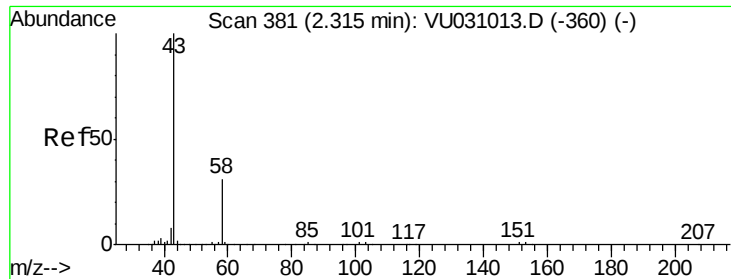
Instrument :
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QLast Update : Thu Apr 11 05:17:40 2019
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#13

Acetone

Concen: 16.435 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU031028.D

Acq: 10 Apr 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

BF2R5MERE

Tot Ion: 43 Resp: 39338

Ion Ratio Lower Upper

43 100

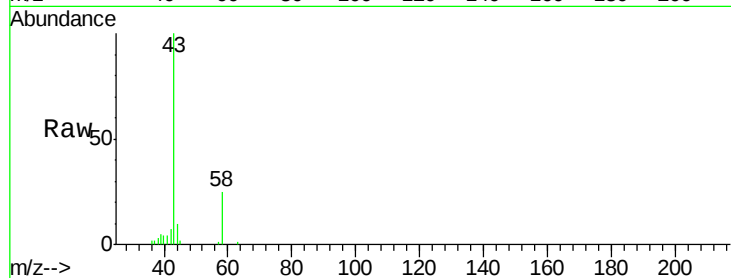
58 14.3 0.0 64.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU031013.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031013.D (-360) (-)

2.34

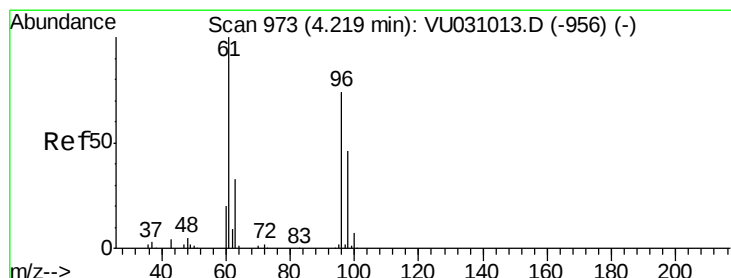
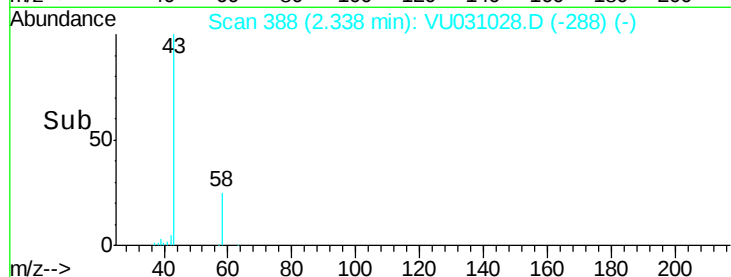
15000

10000

5000

0

Time--> 2.25 2.30 2.35 2.40 2.45



#20

cis-1,2-Dichloroethene

Concen: 7.827 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU031028.D

Acq: 10 Apr 2019 21:52

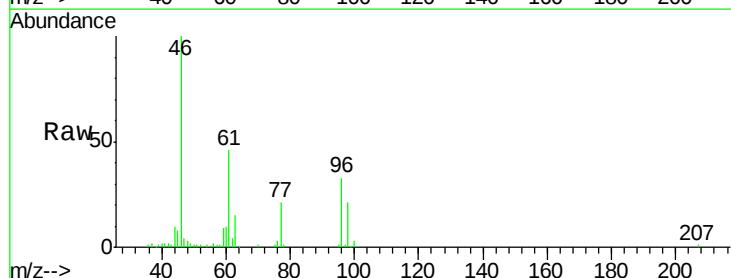
Tgt Ion: 96 Resp: 20970

Ion Ratio Lower Upper

96 100

61 140.6 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031013.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU031013.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU031013.D (-956) (-)

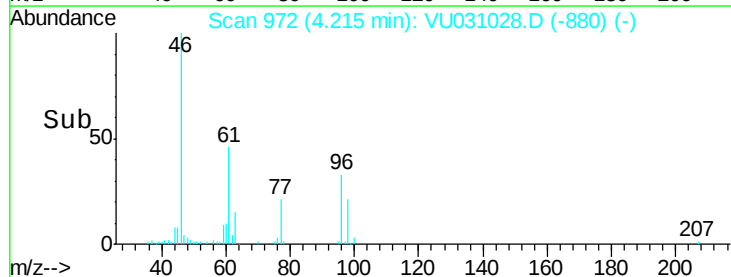
15000

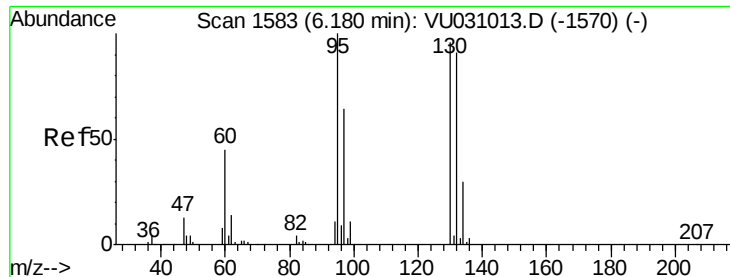
10000

5000

0

Time--> 4.15 4.20 4.25 4.30





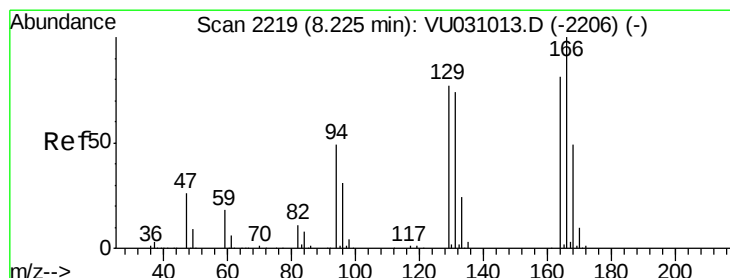
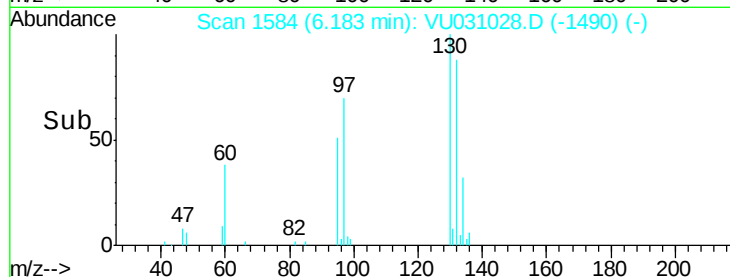
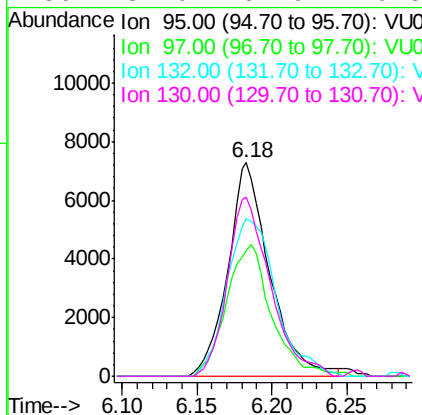
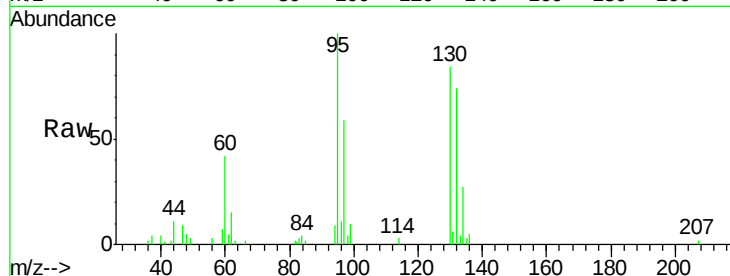
#34
 Trichloroethene
 Concen: 5.191 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031028.D
 Acq: 10 Apr 2019 21:52

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Tot Ion	95	Resp	14102
Ion	Ratio	Lower	Upper
95	100		
97	58.9	44.5	82.7
132	74.0	61.5	114.1
130	84.0	64.9	120.5

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#46
 Tetrachloroethene
 Concen: 12.977 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU031028.D
 Acq: 10 Apr 2019 21:52

Tgt Ion	164	Resp	25632
Ion	Ratio	Lower	Upper
164	100		
129	94.3	67.4	125.2
131	94.5	65.9	122.5
166	121.8	88.6	164.6

