

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040919\
 Data File : VU030899.D
 Acq On : 08 Apr 2019 12:42
 Operator : JC/SP
 Sample : K2277-09ME
 Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF172ME

Manual Integrations
 APPROVED

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 4/9/2019 11:05:25 AM

Quant Time: Apr 09 02:42:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:16:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510948	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	513350	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231034	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	177785	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.96%
7) Chloroethane-d5	1.64	69	138902m	40.12	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.24%
11) 1,1-Dichloroethene-d2	2.23	63	288048	34.92	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.84%
21) 2-Butanone-d5	4.19	46	367651	101.70	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.64	84	344049	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.30	65	254665	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.14%
32) Benzene-d6	5.33	84	703090	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.32	67	250016	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.56	98	611663	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.85	79	110667	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.32	63	266662	113.60	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	385214	55.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	241545	53.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.32%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	6396m	1.545 ug/L	
34) Trichloroethene	6.18	95	32566	7.904 ug/L	95
46) Tetrachloroethene	8.22	164	60384	20.158 ug/L	99

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

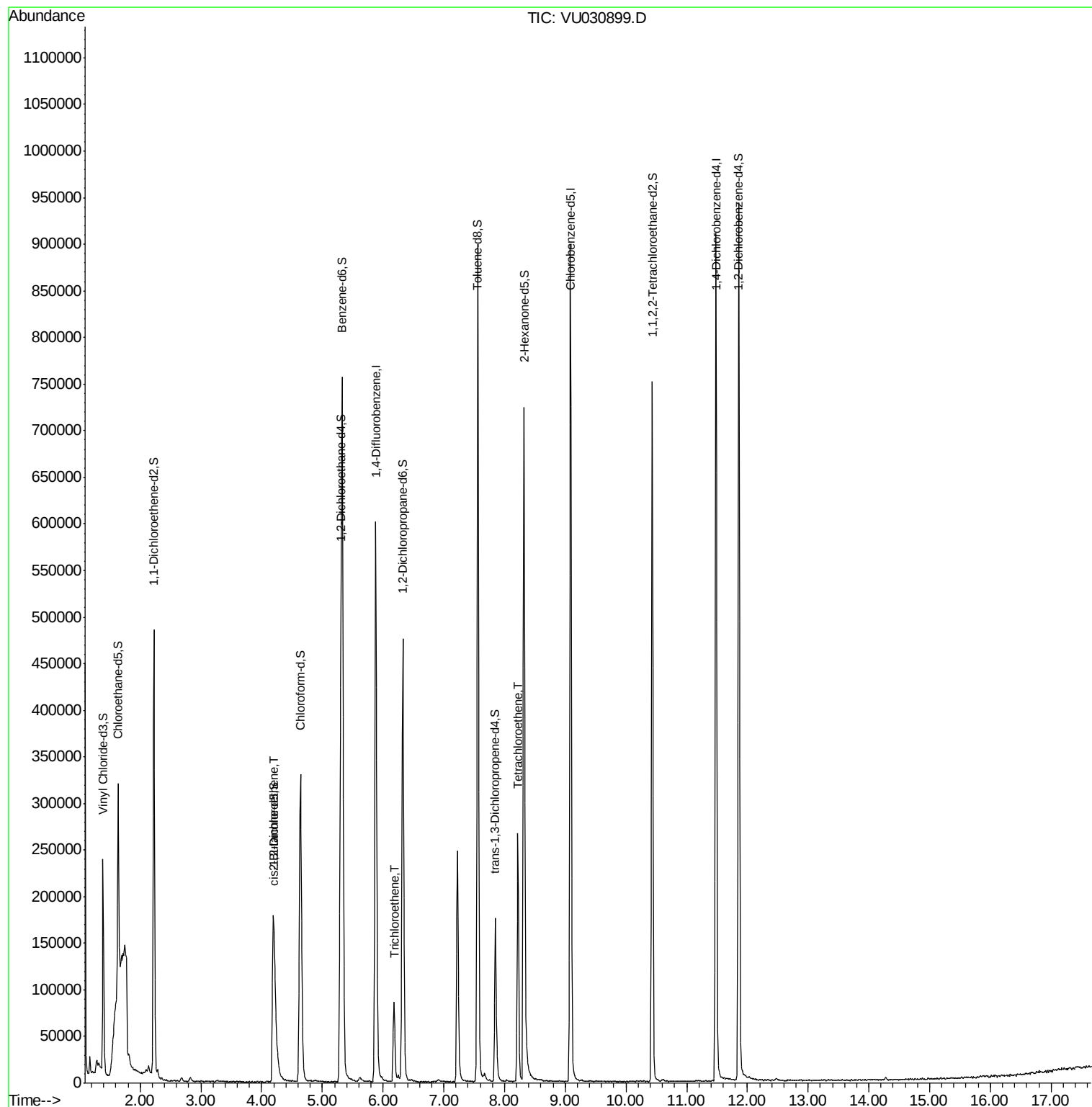
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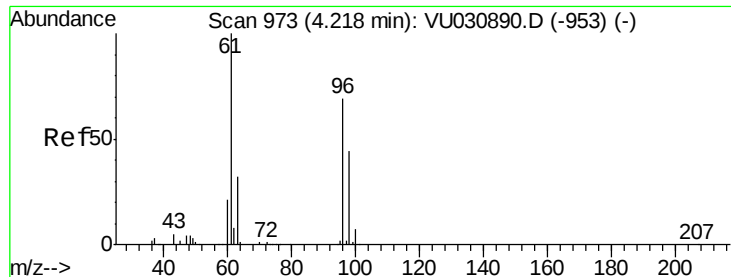
Instrument :
MSVOA_U
ClientSampled :
BF172ME

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Response via : Initial Calibration





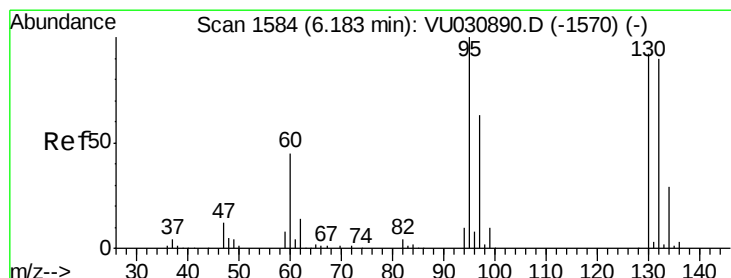
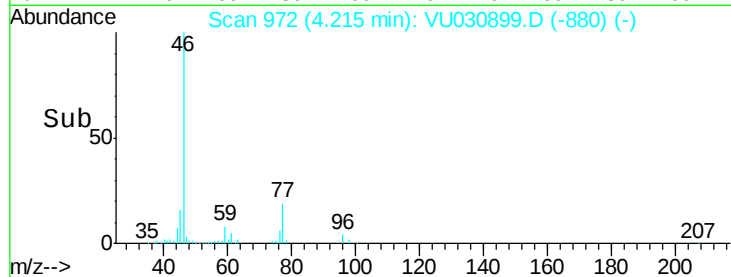
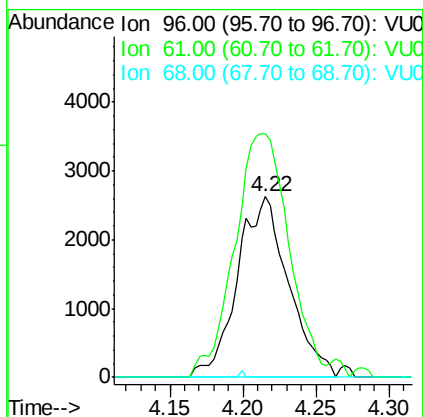
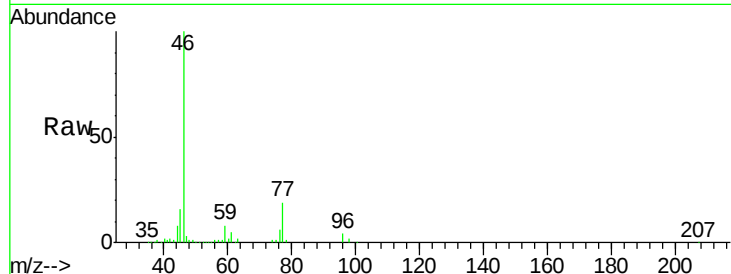
#20
cis-1,2-Dichloroethene
Concen: 1.545 ug/L m
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU030899.D
Acq: 08 Apr 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
BF172ME

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.8	102.9	191.1
68	0.0	0.0	0.0

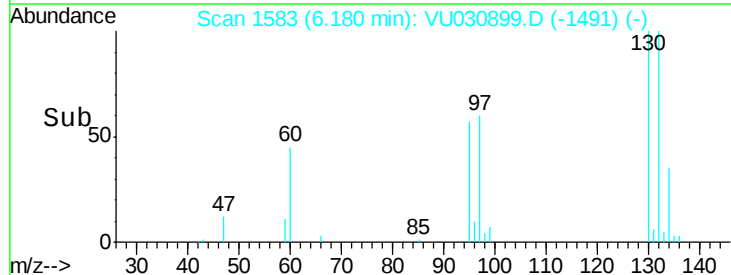
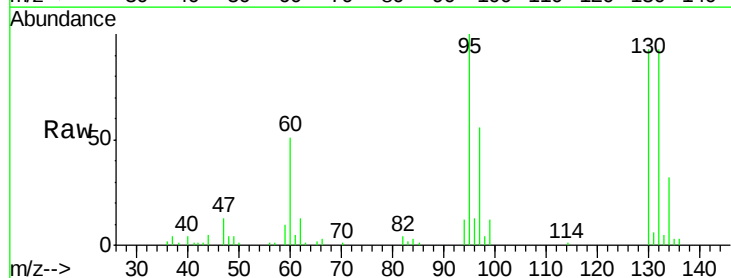
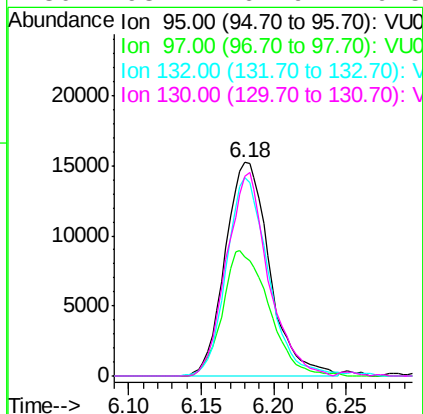
Manual Integrations
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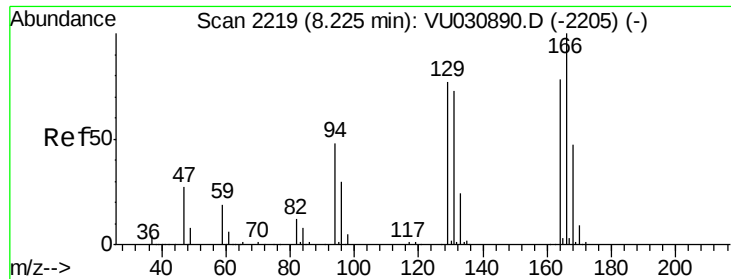
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#34
Trichloroethene
Concen: 7.904 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030899.D
Acq: 08 Apr 2019 12:42

Tgt Ion	Ratio	Lower	Upper
95	100		
97	55.9	44.5	82.7
132	93.0	61.5	114.1
130	93.4	64.9	120.5





#46
Tetrachloroethene
Concen: 20.158 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030899.D
Acq: 08 Apr 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:	164	Resp:	60384
Ion Ratio	Lower	Upper	
164	100		
129	96.1	67.4	125.2
131	95.3	65.9	122.5
166	124.7	88.6	164.6

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