

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031585.D
 Acq On : 29 Apr 2019 14:45
 Operator : JC/SP
 Sample : K2592-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X83

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:07:16 PM

Quant Time: Apr 30 03:48:25 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 30 01:54:25 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	658992	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	661997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245146	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	280837	50.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.84%
7) Chloroethane-d5	1.68	69	225358	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.76%
11) 1,1-Dichloroethene-d2	2.27	63	434871	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
21) 2-Butanone-d5	4.18	46	598560	119.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.78%
24) Chloroform-d	4.64	84	524632	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	5.30	65	359533	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.96%
32) Benzene-d6	5.34	84	1026967	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.33	67	377157	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.48%
41) Toluene-d8	7.56	98	840169	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%
43) trans-1,3-Dichloropropene-	7.85	79	147903	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.36%
47) 2-Hexanone-d5	8.31	63	345013	111.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	484351	50.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	275818	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	203032	21.728 ug/L	98
13) Acetone	2.33	43	357334	63.482 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	14356m	2.498 ug/L	
22) 2-Butanone	4.30	43	26896m	4.313 ug/L	
34) Trichloroethene	6.18	95	110736	18.769 ug/L	92
46) Tetrachloroethene	8.22	164	287889	71.576 ug/L	96

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

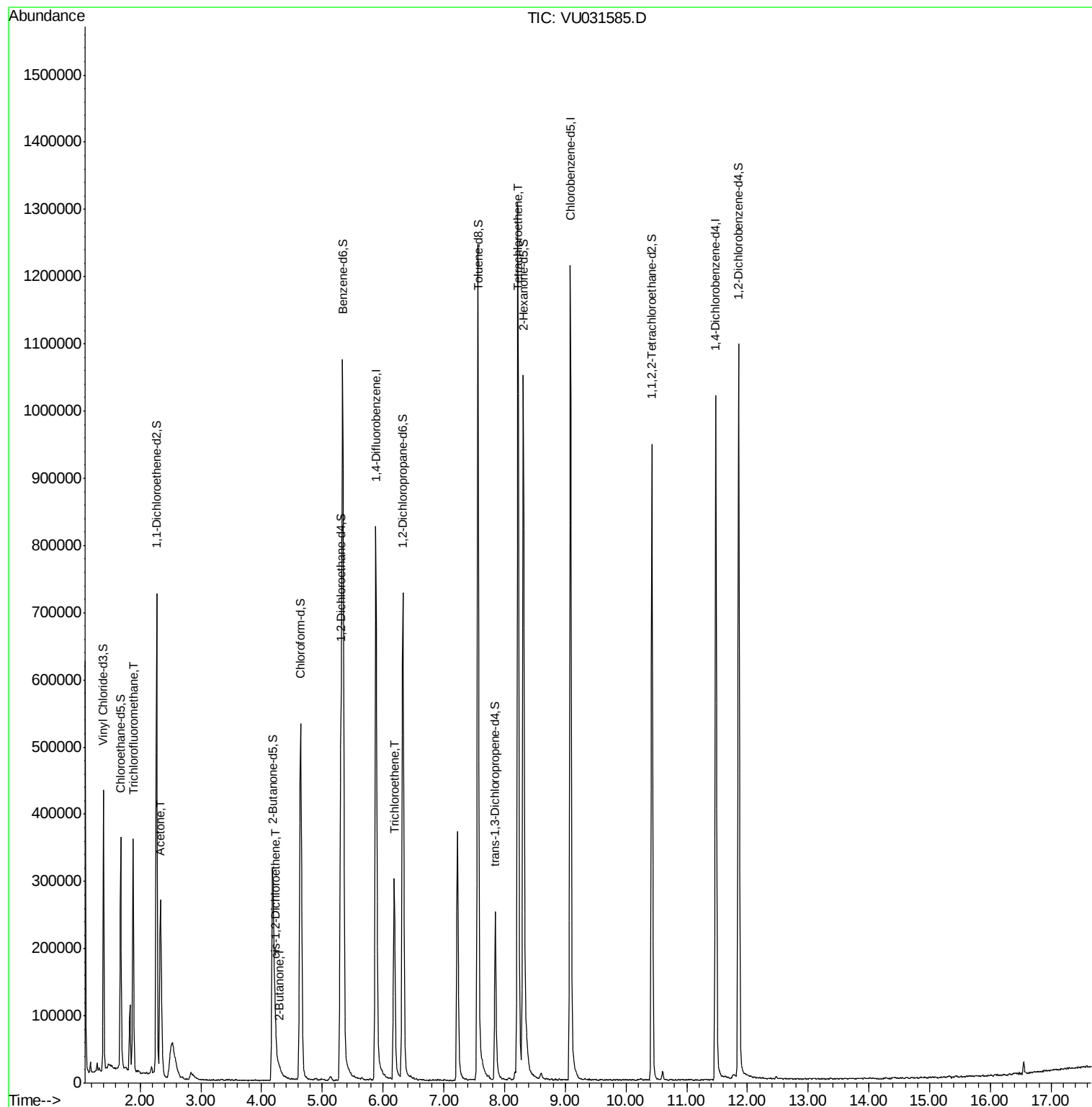
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
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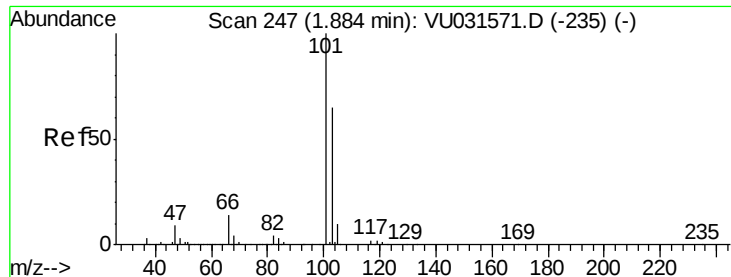
Instrument :
MSVOA_U
ClientSampleId :
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#9

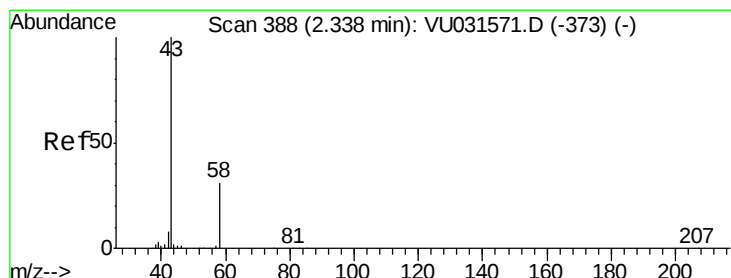
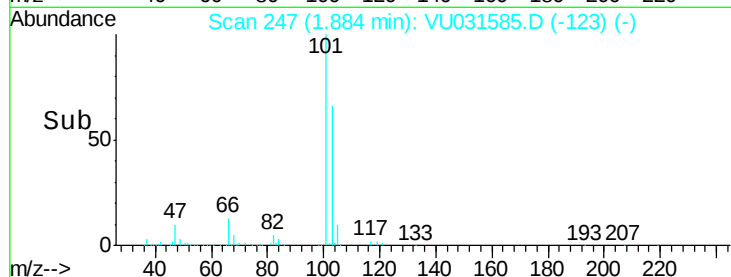
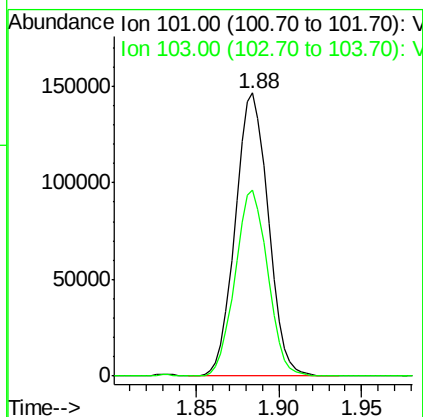
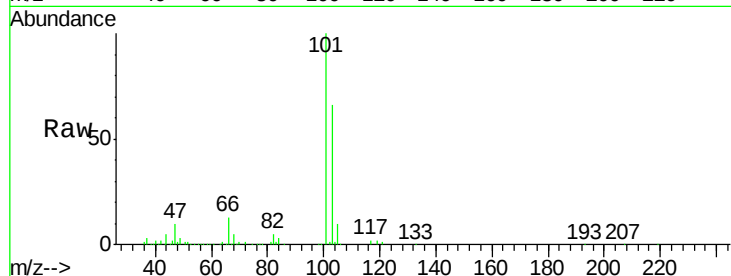
Trichlorofluoromethane
 Concen: 21.728 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU031585.D
 Acq: 29 Apr 2019 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X83

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.8	76.2

Manual Integrations
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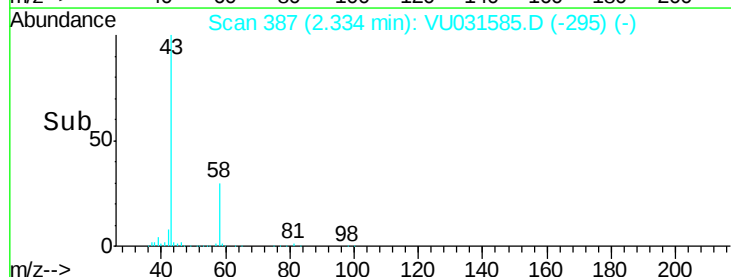
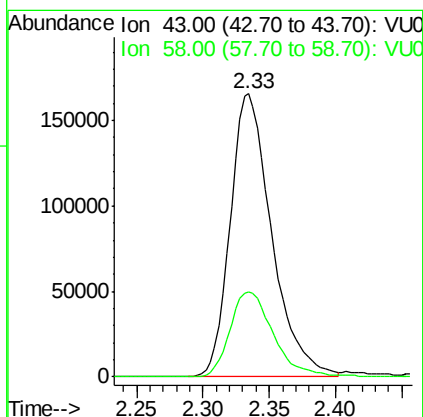
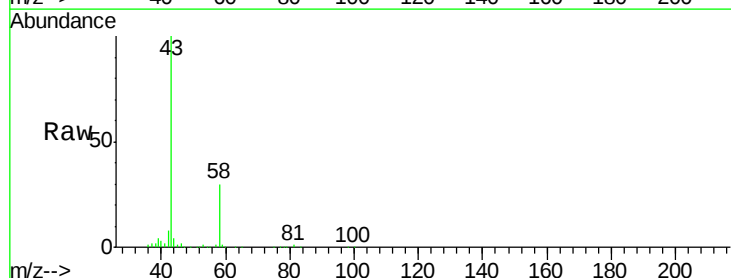
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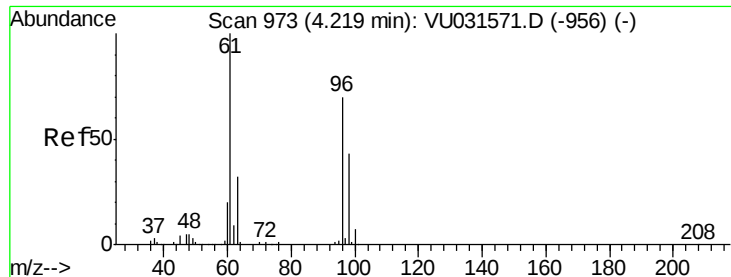


#13

Acetone
 Concen: 63.482 ug/L
 RT: 2.33 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VU031585.D
 Acq: 29 Apr 2019 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	64.4





#20

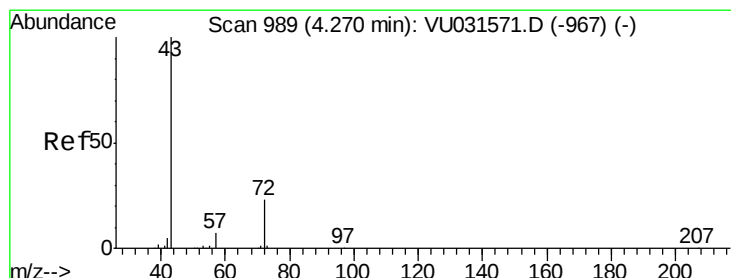
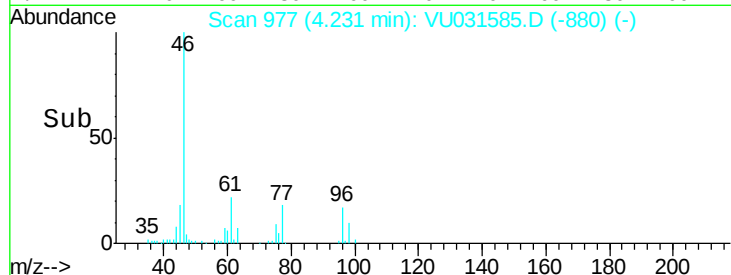
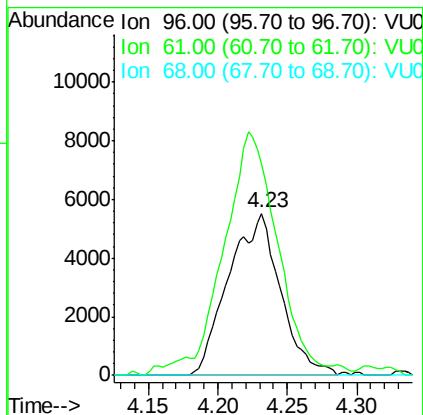
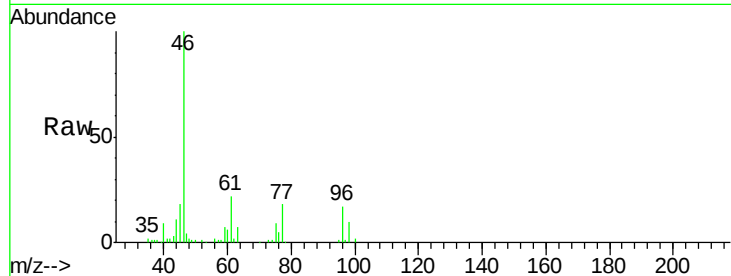
cis-1,2-Dichloroethene
Concen: 2.498 ug/L m
RT: 4.23 min Scan# 977
Delta R.T. 0.01 min
Lab File: VU031585.D
Acq: 29 Apr 2019 14:45

Instrument :
MSVOA_U
ClientSampled :
C0X83

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	99.5	184.7
68	0.0	0.0	0.0

Manual Integrations
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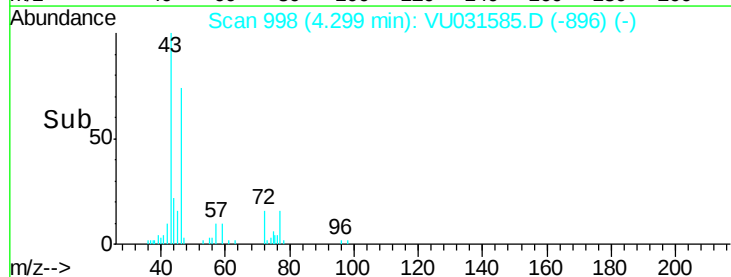
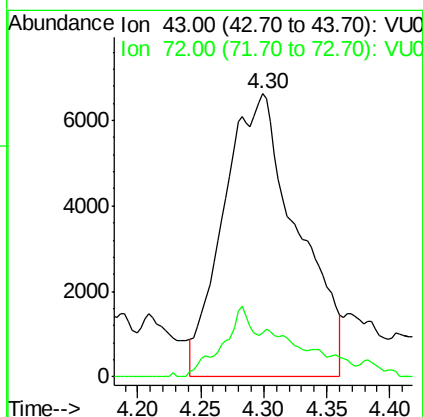
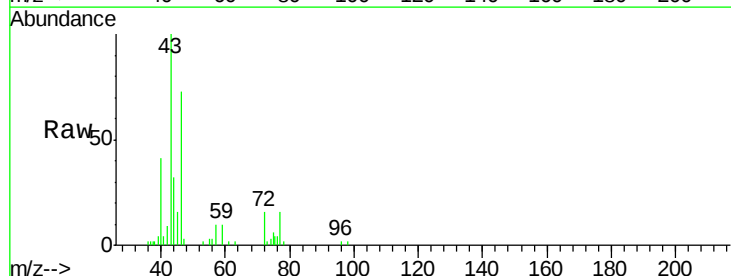
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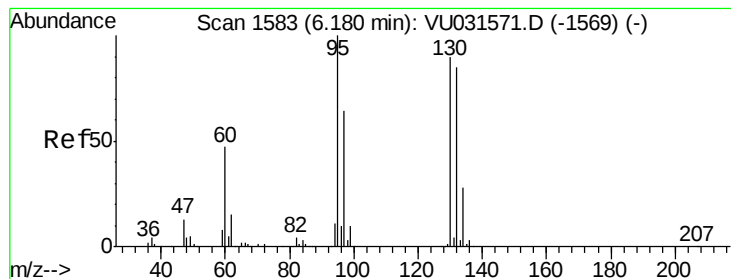


#22

2-Butanone
Concen: 4.313 ug/L m
RT: 4.30 min Scan# 998
Delta R.T. 0.03 min
Lab File: VU031585.D
Acq: 29 Apr 2019 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
72	5.9	11.4	34.2#





#34

Trichloroethene

Concen: 18.769 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

Instrument :

MSVOA_U

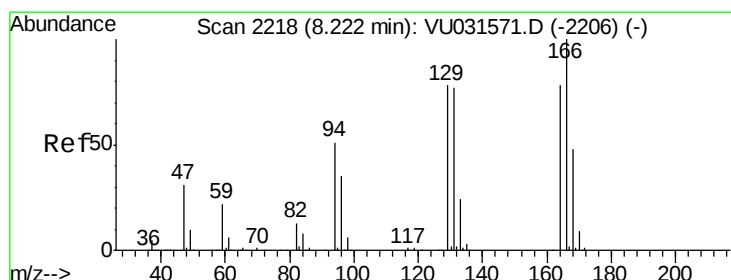
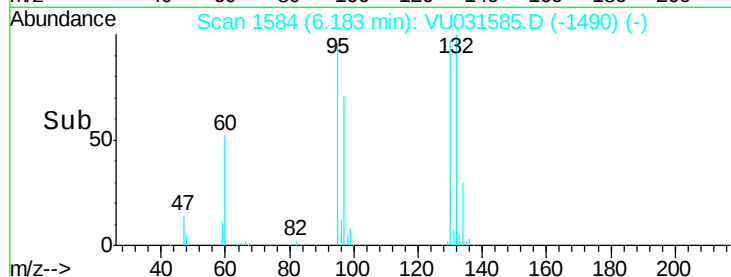
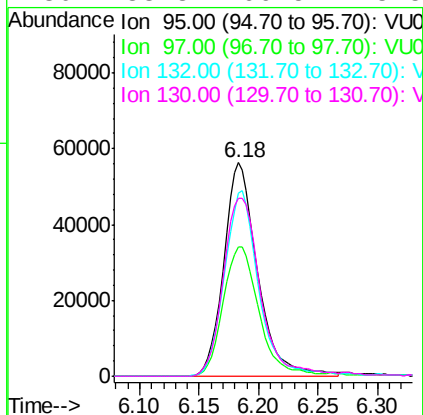
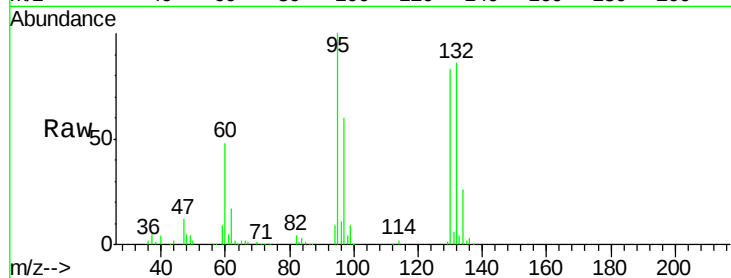
ClientSampled :

C0X83

Tot Ion	95	Resp	110736
Ion	Ratio	Lower	Upper
95	100		
97	60.5	44.8	83.2
132	85.5	63.1	117.1
130	83.3	66.5	123.5

Manual Integrations
APPROVED

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4/30/2019 12:07:16 PM



#46

Tetrachloroethene

Concen: 71.576 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

Tgt Ion	164	Resp	287889
Ion	Ratio	Lower	Upper
164	100		
129	104.2	71.5	132.9
131	95.5	69.0	128.2
166	127.5	93.7	173.9

