

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031584.D
 Acq On : 29 Apr 2019 14:22
 Operator : JC/SP
 Sample : K2592-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X82

Manual Integrations
 APPROVED

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

Quant Time: Apr 30 03:43:28 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	681048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	663060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	250139	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	280361	49.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.38%
7) Chloroethane-d5	1.68	69	232747	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.68%
11) 1,1-Dichloroethene-d2	2.27	63	429178	37.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.62%
21) 2-Butanone-d5	4.18	46	587389	113.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.74%
24) Chloroform-d	4.64	84	522834	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	5.31	65	363920	53.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.72%
32) Benzene-d6	5.34	84	1037205	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
36) 1,2-Dichloropropane-d6	6.33	67	367014	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.46%
41) Toluene-d8	7.56	98	857329	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloropropene-	7.85	79	147963	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.31	63	343797	110.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	489991	50.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	277063	52.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	114993	11.908	ug/L	98
13) Acetone	2.33	43	408840	70.281	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	19171	3.228	ug/L	99
22) 2-Butanone	4.28	43	29079m	4.512	ug/L	
34) Trichloroethene	6.19	95	33452	5.661	ug/L	97
46) Tetrachloroethene	8.22	164	199933	49.629	ug/L	98

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

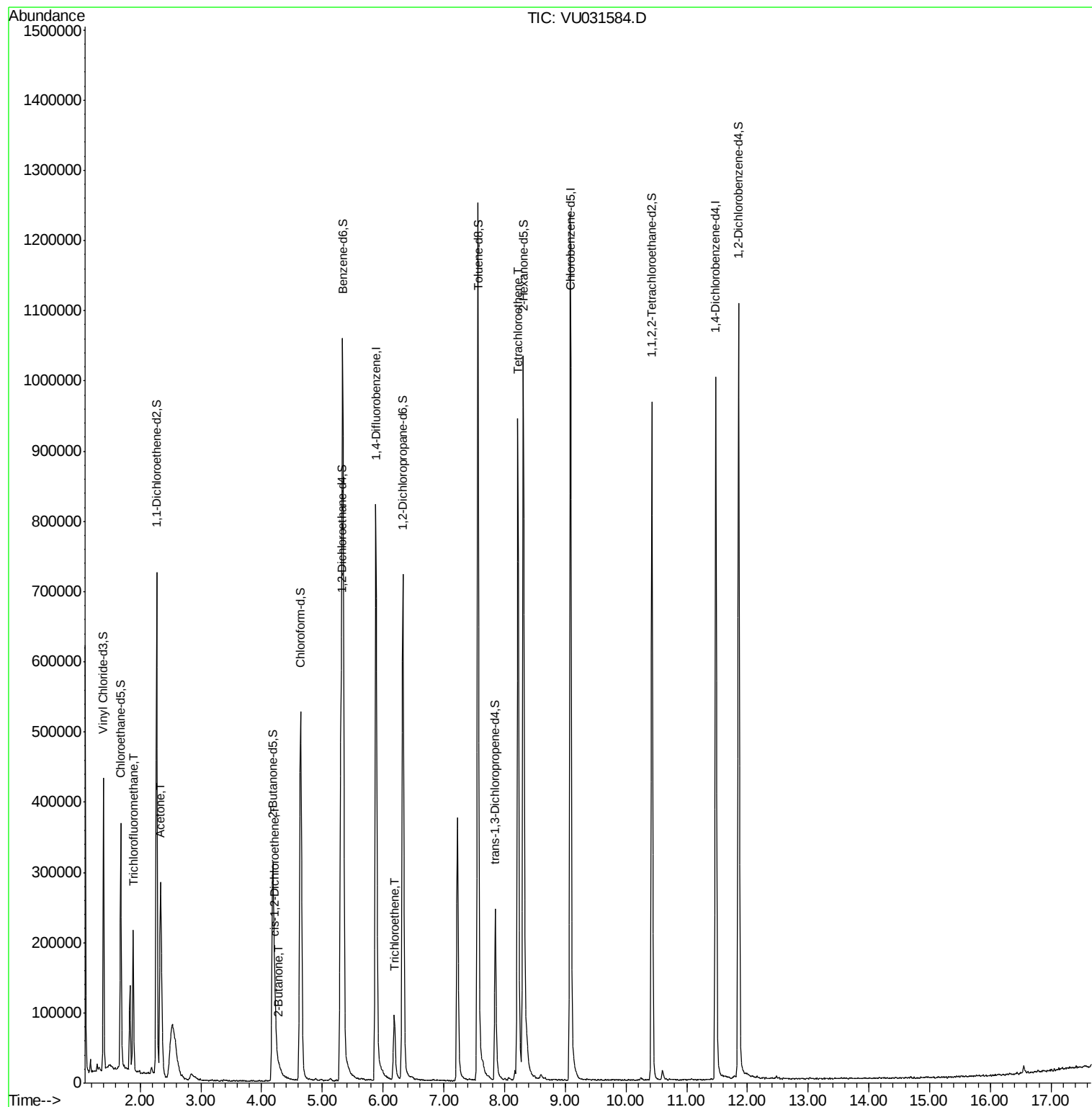
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031584.D
Acq On : 29 Apr 2019 14:22
Operator : JC/SP
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

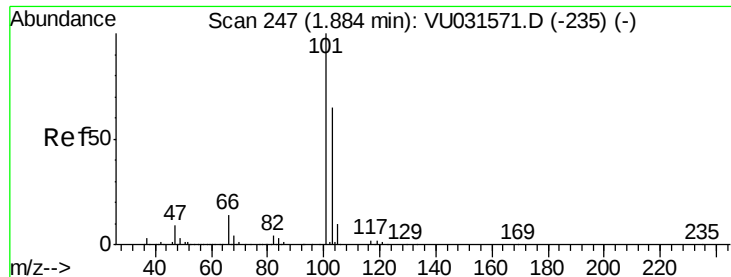
Instrument :
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#9

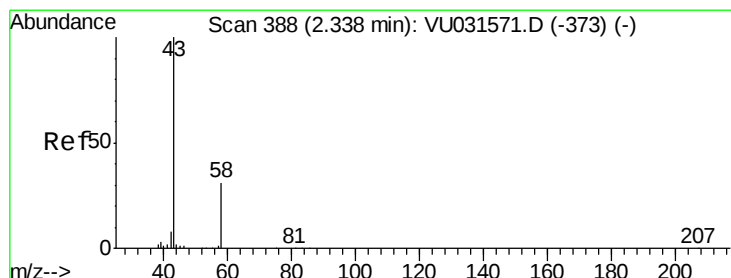
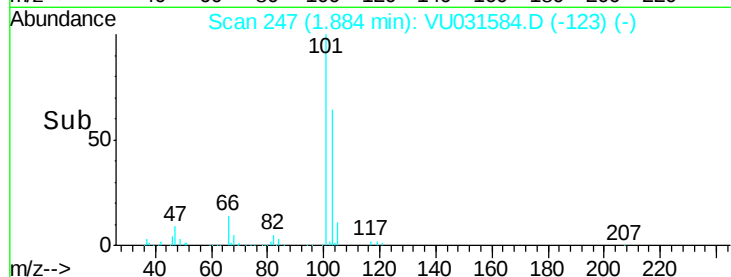
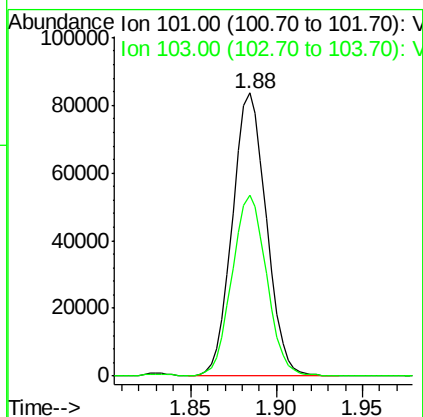
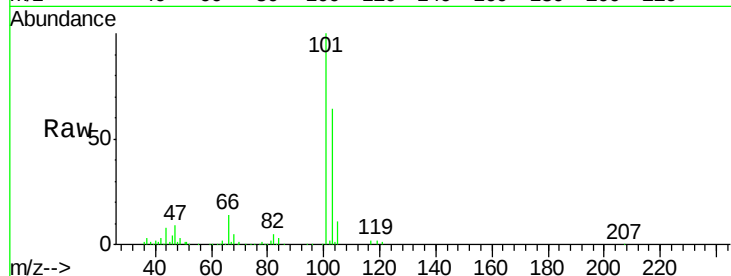
Trichlorofluoromethane
 Concen: 11.908 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031584.D
 Acq: 29 Apr 2019 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X82

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	50.8	76.2

Manual Integrations
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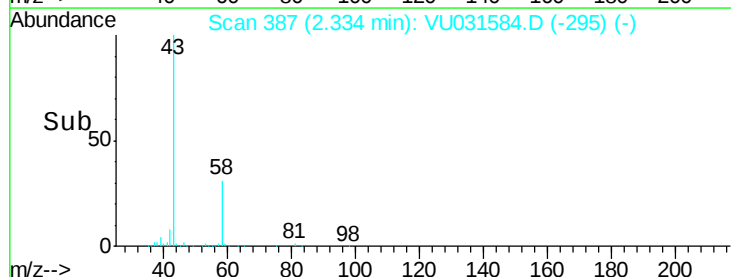
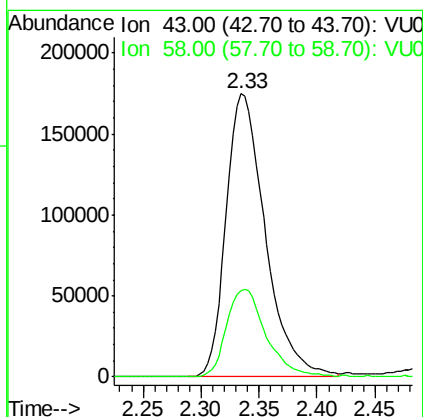
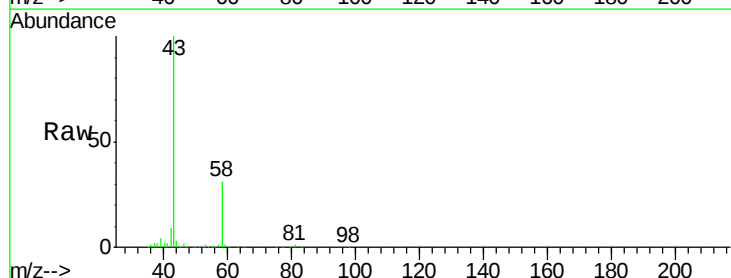
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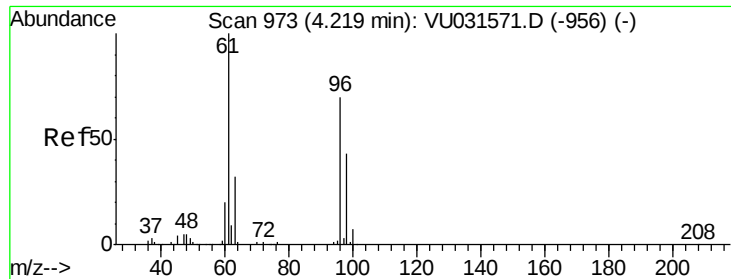


#13

Acetone
 Concen: 70.281 ug/L
 RT: 2.33 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VU031584.D
 Acq: 29 Apr 2019 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	64.4





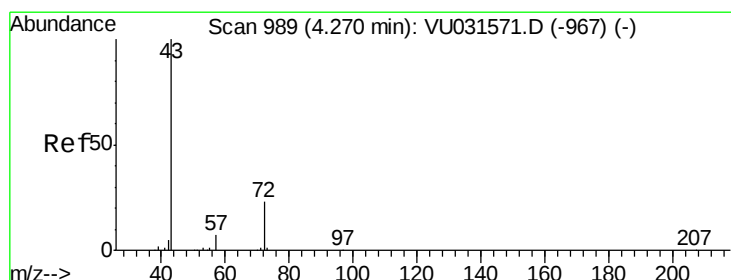
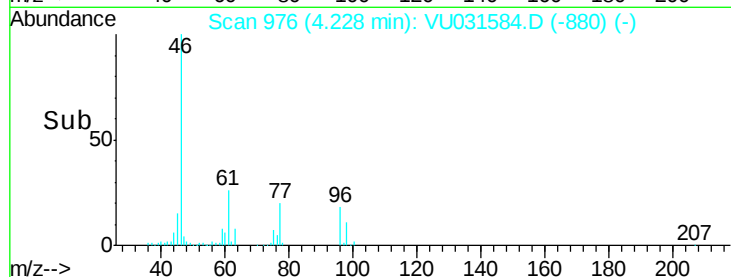
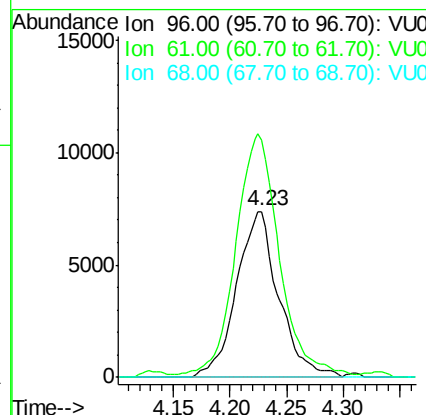
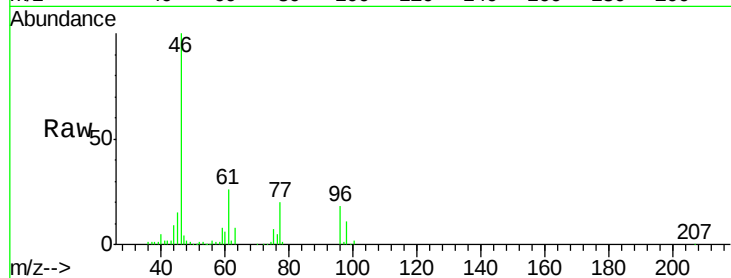
#20
 cis-1,2-Dichloroethene
 Concen: 3.228 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU031584.D
 Acq: 29 Apr 2019 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X82

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	142.8		99.5	184.7	
68	0.0		0.0	0.0	

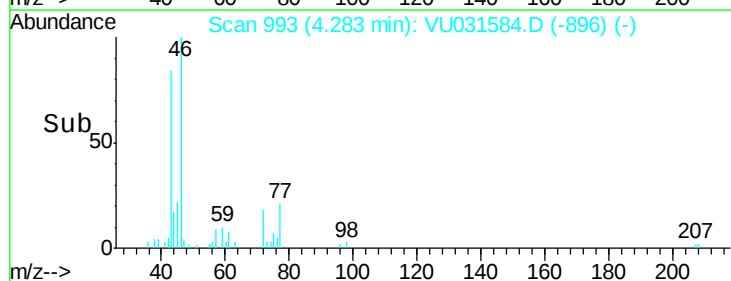
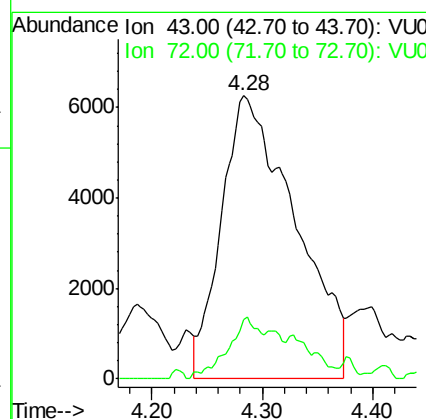
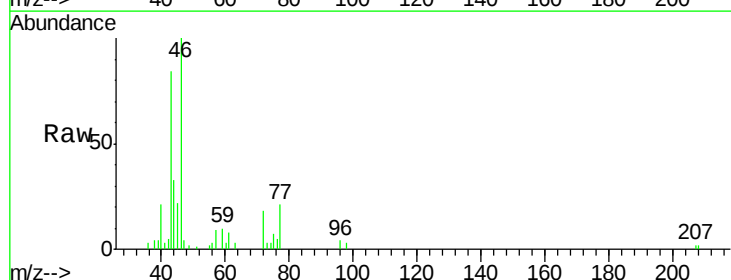
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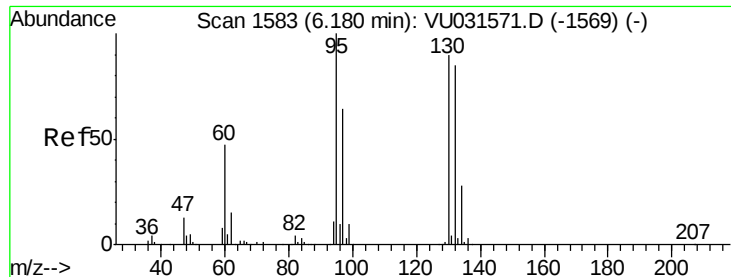
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#22
 2-Butanone
 Concen: 4.512 ug/L m
 RT: 4.28 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VU031584.D
 Acq: 29 Apr 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
72	7.9		11.4	34.2	





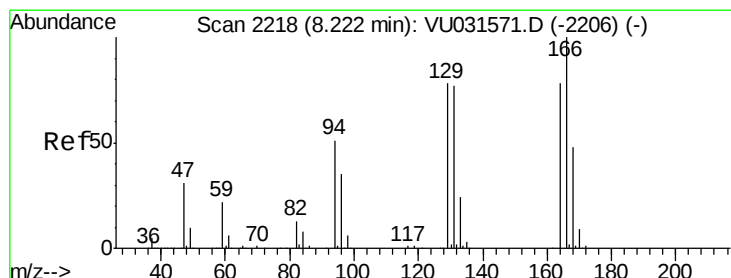
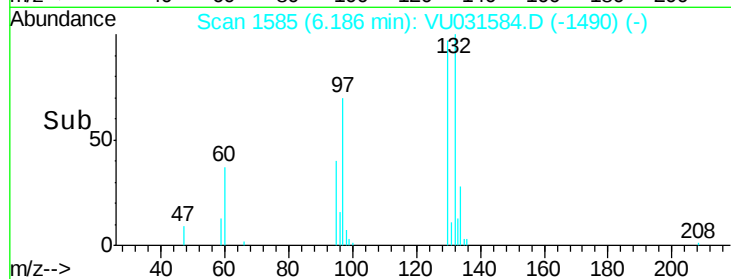
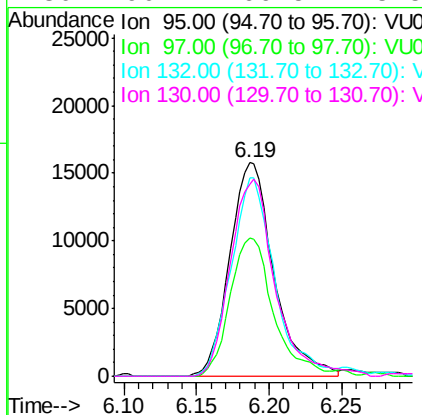
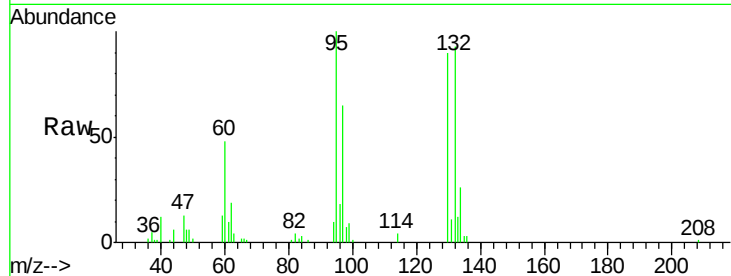
#34
 Trichloroethene
 Concen: 5.661 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031584.D
 Acq: 29 Apr 2019 14:22

Instrument :
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Tot Ion	95	Resp	33452
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.8	83.2
132	93.0	63.1	117.1
130	90.2	66.5	123.5

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 49.629 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031584.D
 Acq: 29 Apr 2019 14:22

Tgt Ion	164	Resp	199933
Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.5	132.9
131	101.4	69.0	128.2
166	130.4	93.7	173.9

