

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\  
 Data File : VU031062.D  
 Acq On : 11 Apr 2019 12:17  
 Operator : JC/SP  
 Sample : K2340-16  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF2S6

Quant Time: Apr 12 04:34:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 12 03:03:54 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	476671	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206310	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	186828	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.82%
7) Chloroethane-d5	1.68	69	160589	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.46%
11) 1,1-Dichloroethene-d2	2.27	63	265769	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	4.17	46	350597	103.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.96%
24) Chloroform-d	4.64	84	330688	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
26) 1,2-Dichloroethane-d4	5.31	65	235166	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
32) Benzene-d6	5.34	84	678024	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
36) 1,2-Dichloropropane-d6	6.32	67	232983	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.50%
41) Toluene-d8	7.56	98	588957	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%
43) trans-1,3-Dichloropropene-	7.85	79	102542	47.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.08%
47) 2-Hexanone-d5	8.31	63	206759	95.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322519	50.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	218773	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%

## Target Compounds

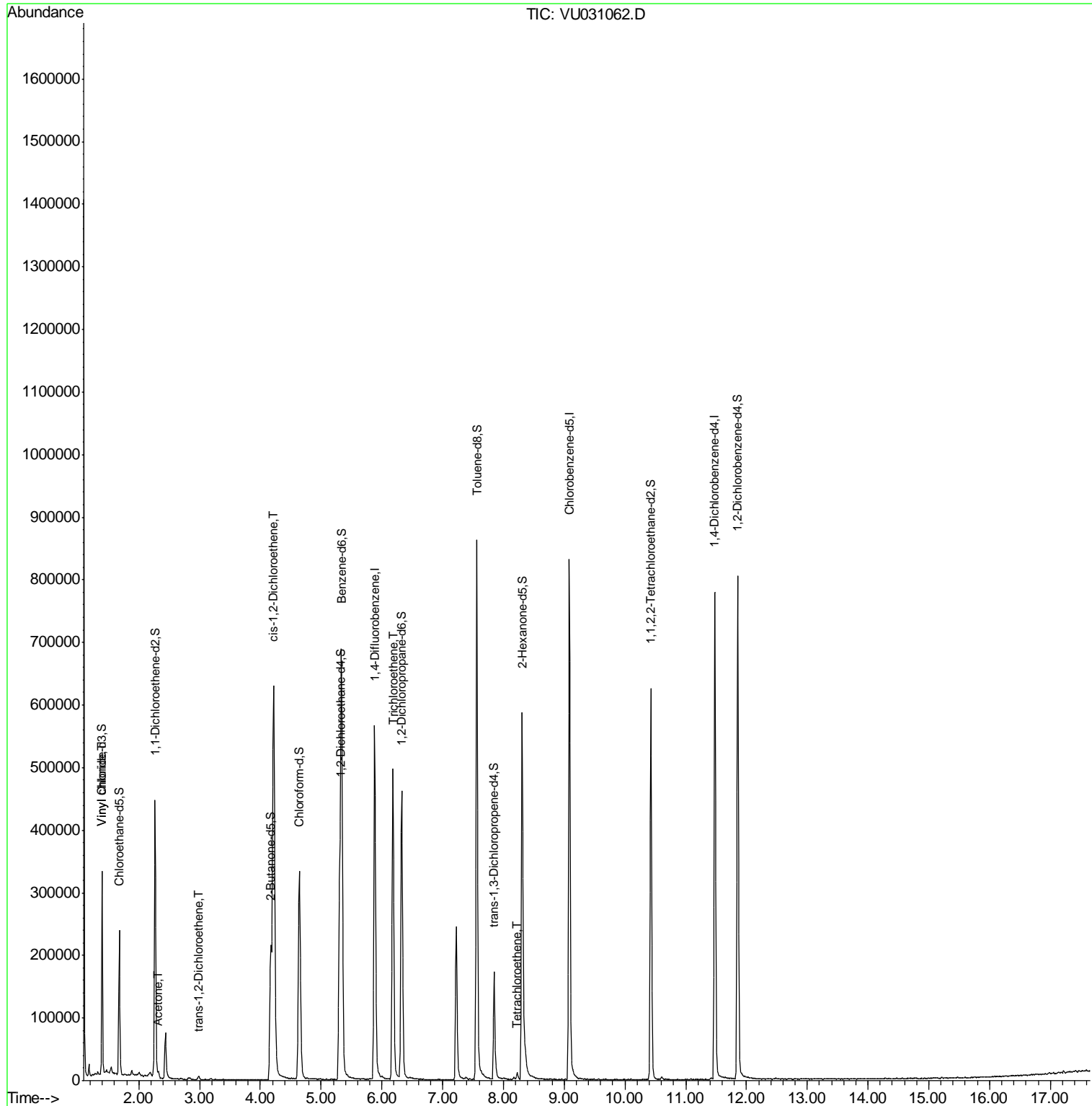
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	23050	4.397	ug/L #	68
13) Acetone	2.32	43	10229	2.964	ug/L	91
17) trans-1,2-Dichloroethene	2.98	96	1888	0.540	ug/L #	88
20) cis-1,2-Dichloroethene	4.22	96	341006	88.275	ug/L	95
34) Trichloroethene	6.18	95	183004	48.219	ug/L	97
46) Tetrachloroethene	8.23	164	3213	1.164	ug/L	84

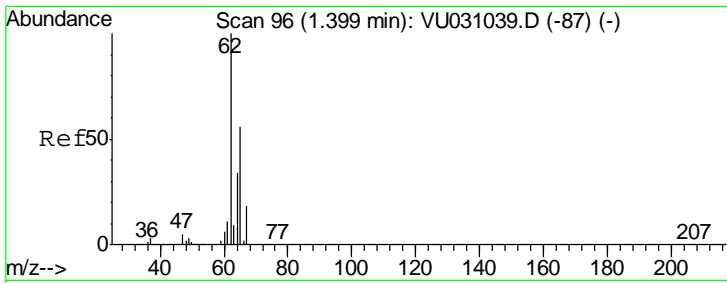
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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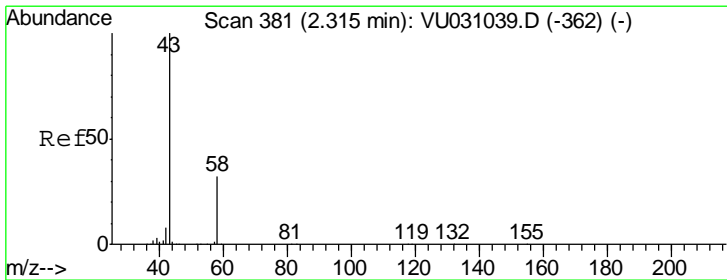
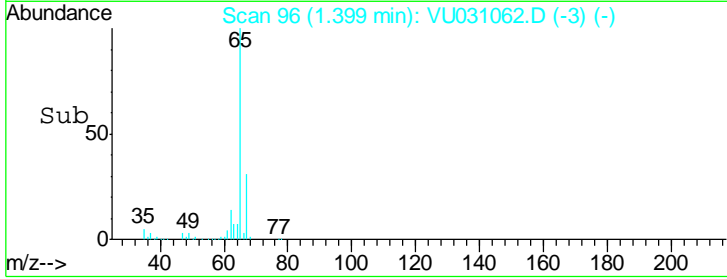
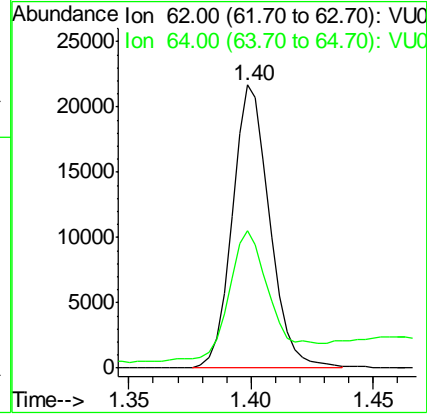
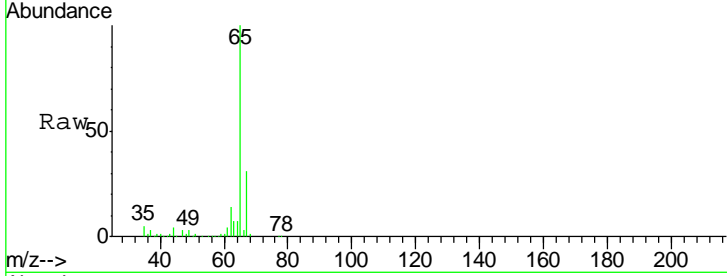




#5  
 Vinyl chloride  
 Concen: 4.397 ug/L  
 RT: 1.40 min Scan# 96  
 Delta R.T. 0.00 min  
 Lab File: VU031062.D  
 Acq: 11 Apr 2019 12:17

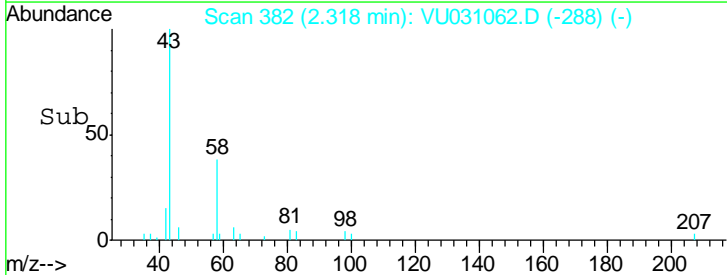
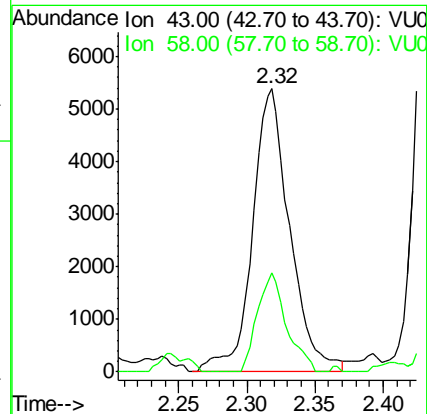
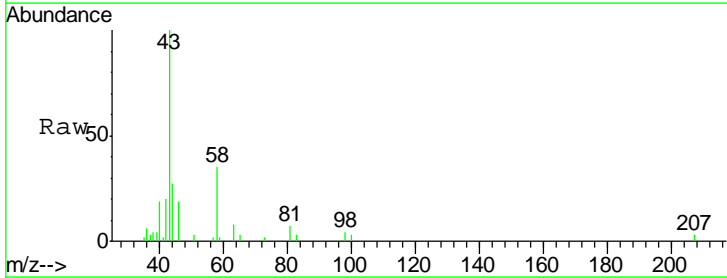
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 BF2S6

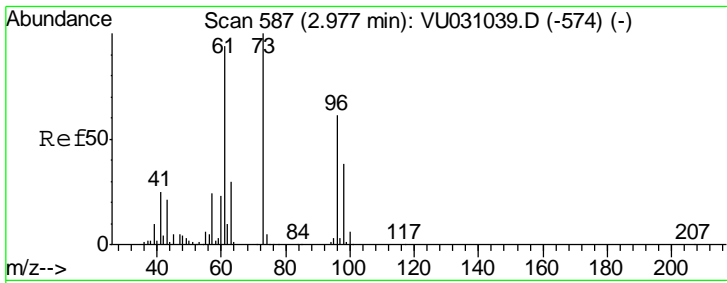
Tgt Ion	Resp	Lower	Upper
62	100		
64	48.4	21.5	39.9#



#13  
 Acetone  
 Concen: 2.964 ug/L  
 RT: 2.32 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VU031062.D  
 Acq: 11 Apr 2019 12:17

Tgt Ion	Resp	Lower	Upper
43	100		
58	27.2	0.0	64.0

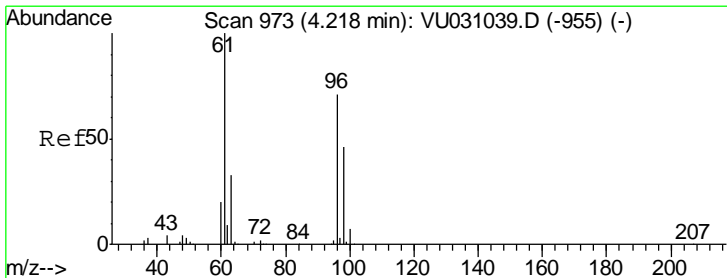
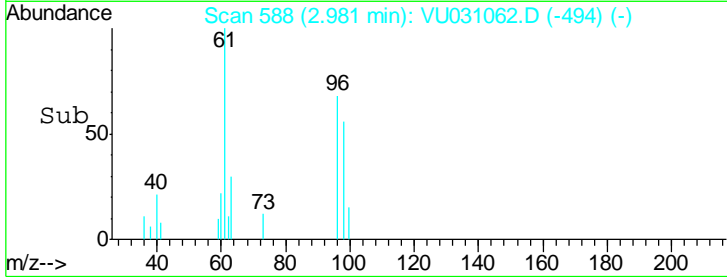
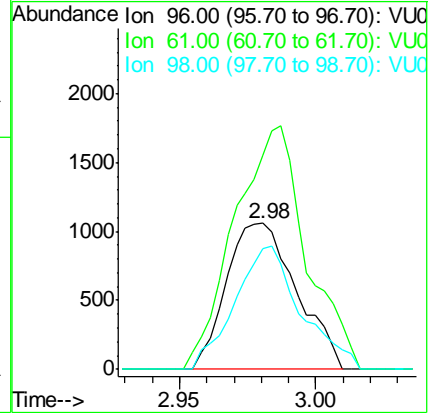
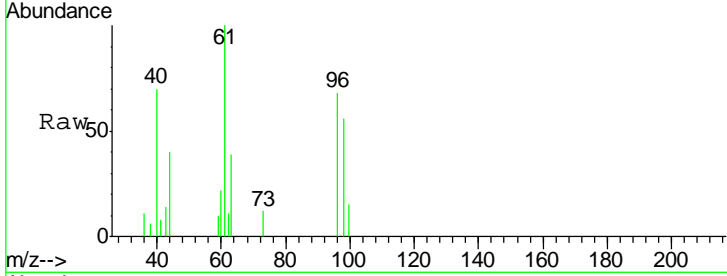




#17  
 trans-1,2-Dichloroethene  
 Concen: 0.540 ug/L  
 RT: 2.98 min Scan# 588  
 Delta R.T. 0.00 min  
 Lab File: VU031062.D  
 Acq: 11 Apr 2019 12:17

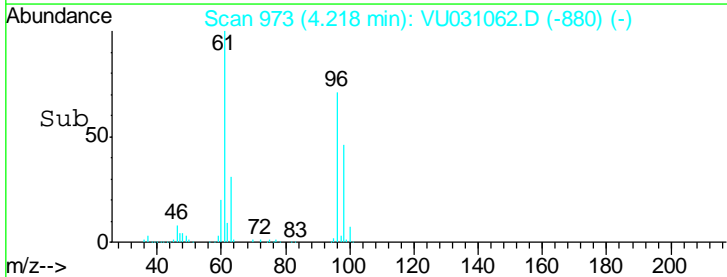
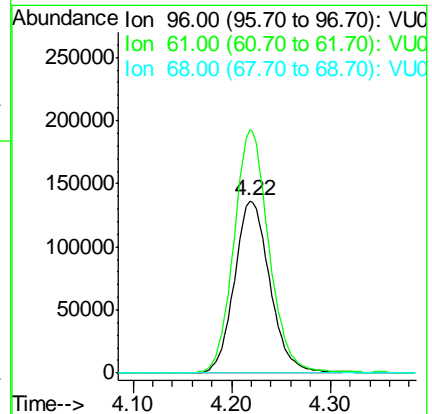
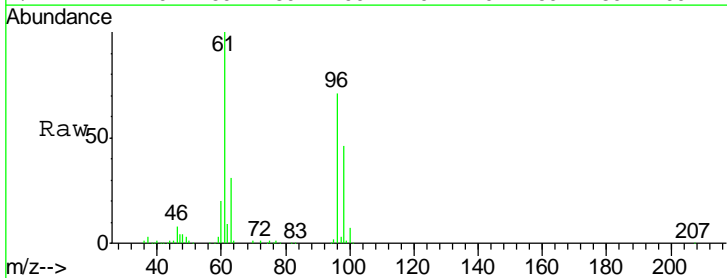
Instrument :  
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 BF2S6

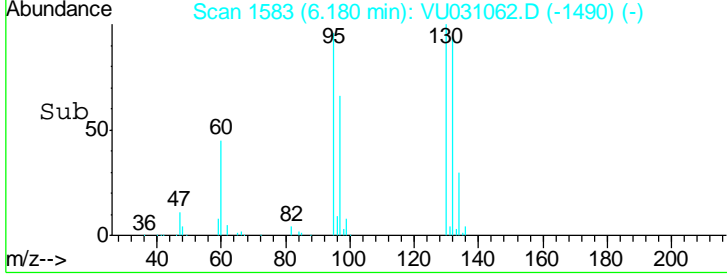
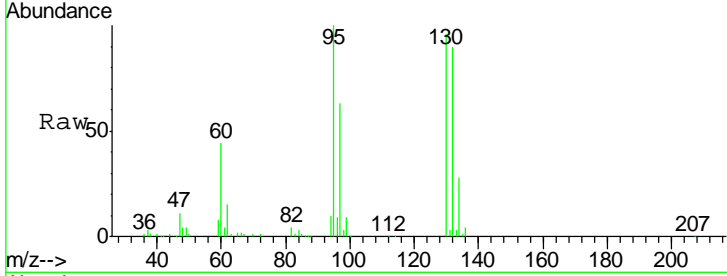
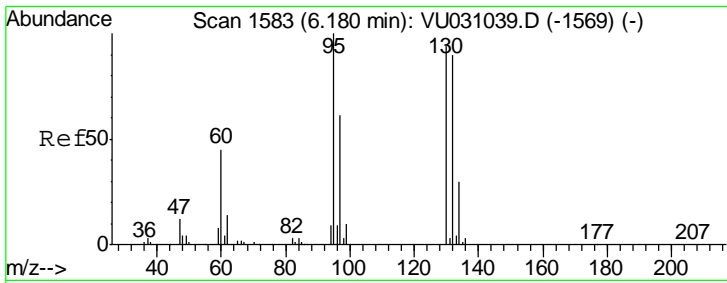
Tgt Ion	Resp	Lower	Upper
96	1888		
61	147.1	109.5	203.3
98	82.8	44.0	81.6#



#20  
 cis-1,2-Dichloroethene  
 Concen: 88.275 ug/L  
 RT: 4.22 min Scan# 973  
 Delta R.T. 0.00 min  
 Lab File: VU031062.D  
 Acq: 11 Apr 2019 12:17

Tgt Ion	Resp	Lower	Upper
96	341006		
61	141.1	102.9	191.1
68	0.0	0.0	0.0

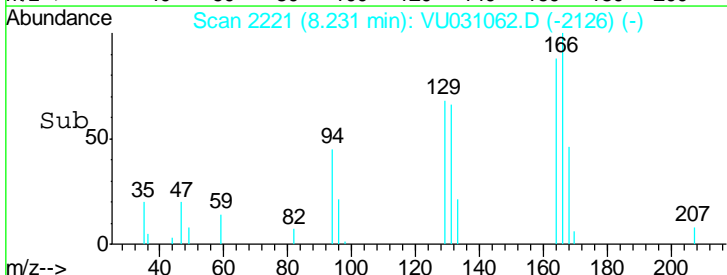
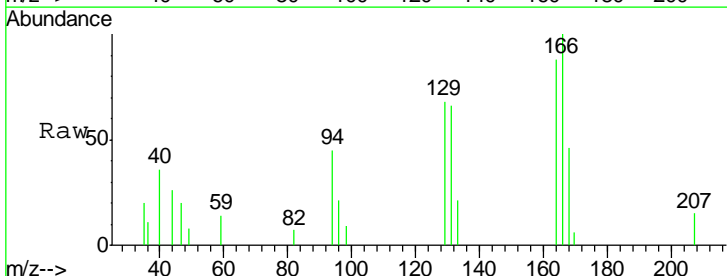
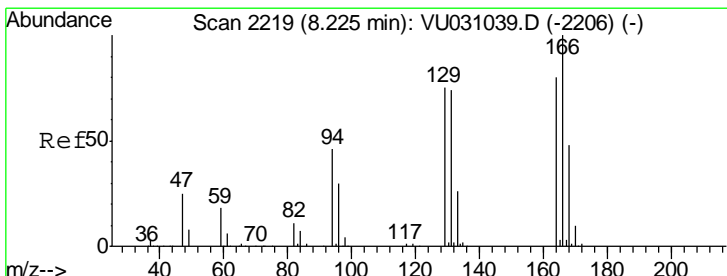
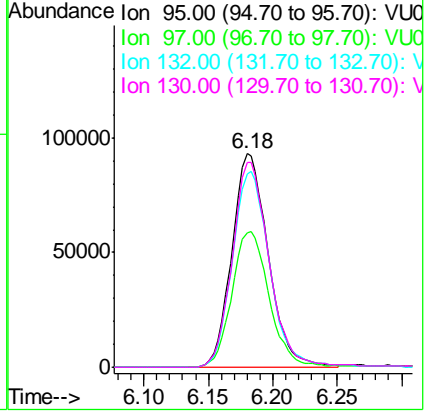




#34  
 Trichloroethene  
 Concen: 48.219 ug/L  
 RT: 6.18 min Scan# 1583  
 Delta R.T. 0.00 min  
 Lab File: VU031062.D  
 Acq: 11 Apr 2019 12:17

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 BF2S6

Tgt Ion	Resp	Lower	Upper
95	183004		
97	63.1	44.5	82.7
132	90.4	61.5	114.1
130	96.1	64.9	120.5



#46  
 Tetrachloroethene  
 Concen: 1.164 ug/L  
 RT: 8.23 min Scan# 2221  
 Delta R.T. 0.01 min  
 Lab File: VU031062.D  
 Acq: 11 Apr 2019 12:17

Tgt Ion	Resp	Lower	Upper
164	3213		
164	100		
129	77.2	67.4	125.2
131	75.1	65.9	122.5
166	113.2	88.6	164.6

