

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030348.D
 Acq On : 23 Mar 2019 18:27
 Operator : JC/SP
 Sample : K2062-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A1

Quant Time: Mar 24 02:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Mar 24 02:05:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	410535	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	393909	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145608	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.14%
7) Chloroethane-d5	1.68	69	124104	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.78%
11) 1,1-Dichloroethene-d2	2.27	63	215397	34.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.74%
21) 2-Butanone-d5	4.17	46	282284	90.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.89%
24) Chloroform-d	4.65	84	257217	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
26) 1,2-Dichloroethane-d4	5.31	65	176918	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
32) Benzene-d6	5.34	84	545003	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
36) 1,2-Dichloropropane-d6	6.33	67	191641	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.56	98	479146	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%
43) trans-1,3-Dichloropropene-	7.85	79	83969	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
47) 2-Hexanone-d5	8.31	63	193230	92.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	258188	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	168031	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%

Target Compounds

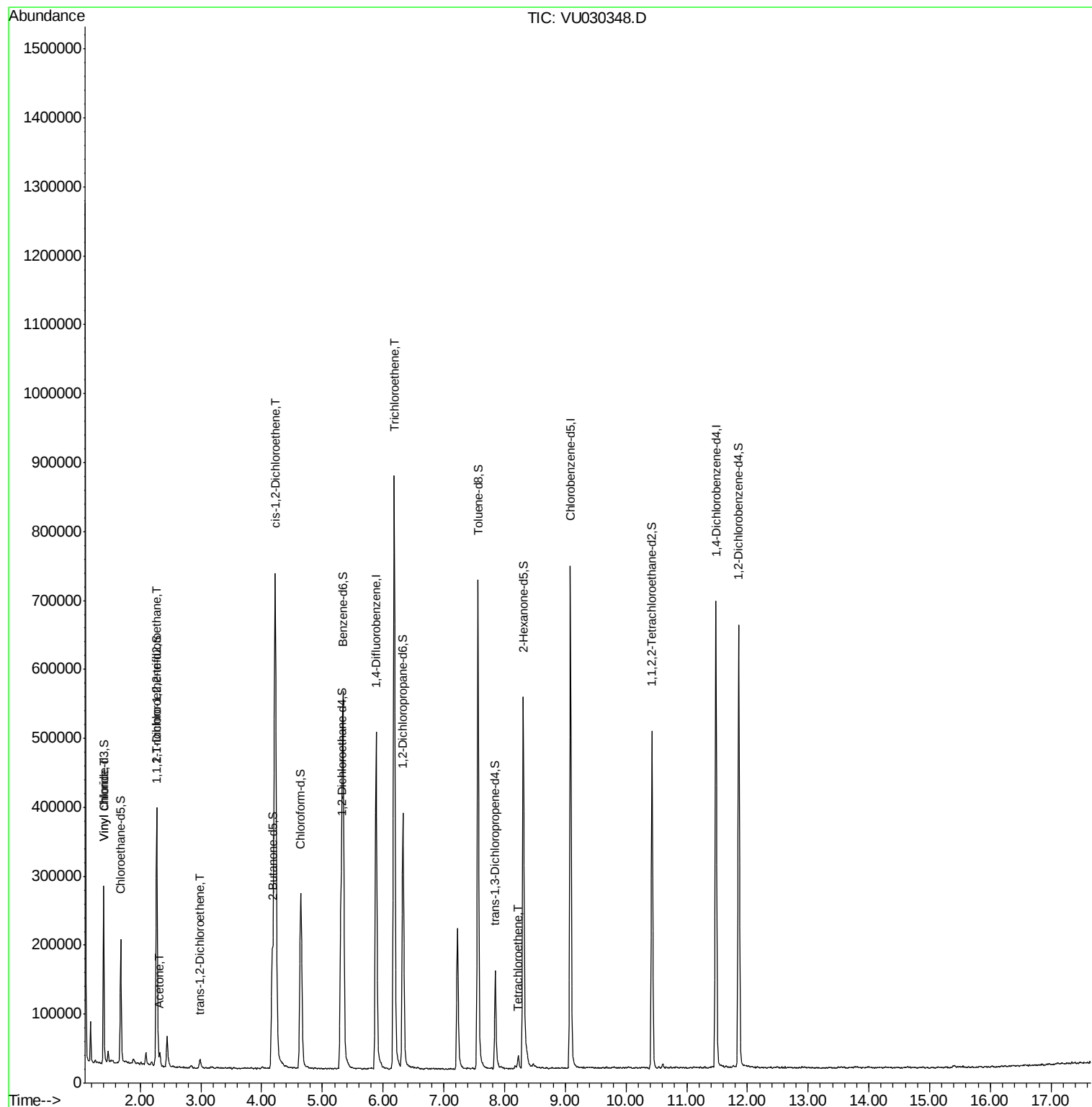
					Ovalue
5) Vinyl chloride	1.40	62	16451	3.425 ug/L	# 82
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11430	3.815 ug/L	89
13) Acetone	2.32	43	17780	5.661 ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	4482	1.454 ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	395034	114.305 ug/L	100
34) Trichloroethene	6.18	95	318640	96.664 ug/L	99
46) Tetrachloroethene	8.22	164	4624	2.008 ug/L	83

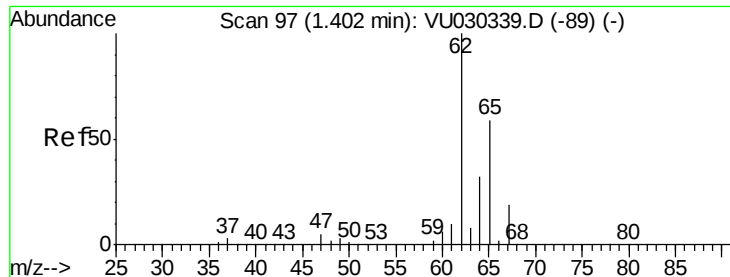
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 02:41:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Mar 24 02:05:17 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.425 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU030348.D

Acq: 23 Mar 2019 18:27

Instrument :

MSVOA_U

ClientSampled :

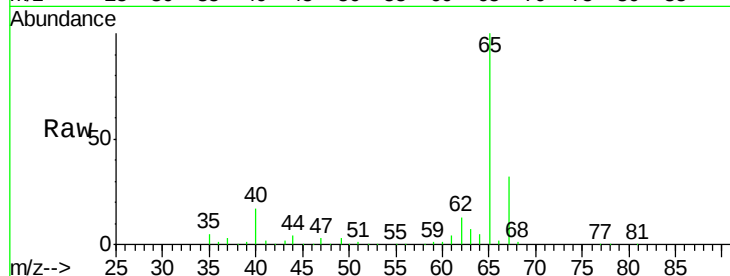
BF1A1

Tot Ion: 62 Resp: 16451

Ion Ratio Lower Upper

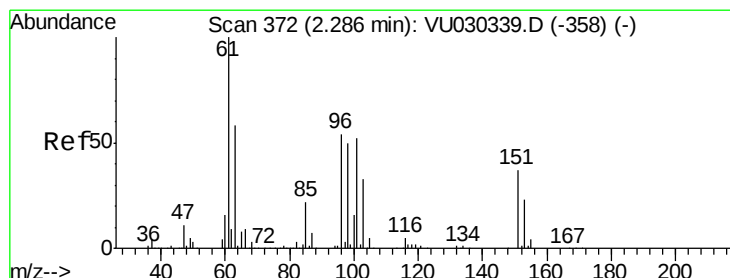
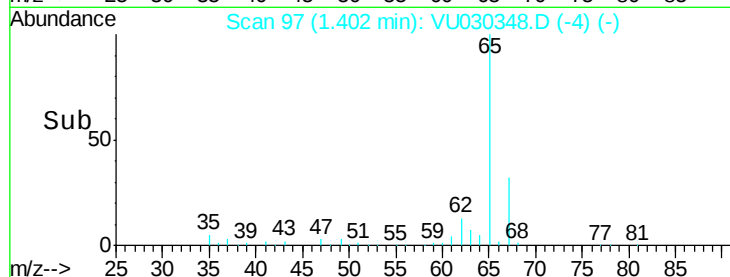
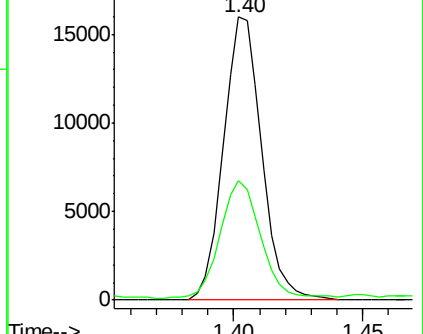
62 100

64 42.4 22.6 42.0#



Abundance Ion 62.00 (61.70 to 62.70): VU030339.D (-89) (-)

Ion 64.00 (63.70 to 64.70): VU030339.D (-89) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.815 ug/L

RT: 2.29 min Scan# 372

Delta R.T. -0.00 min

Lab File: VU030348.D

Acq: 23 Mar 2019 18:27

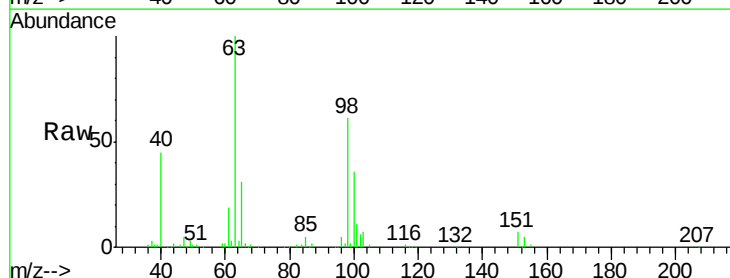
Tgt Ion: 101 Resp: 11430

Ion Ratio Lower Upper

101 100

85 38.4 34.8 52.2

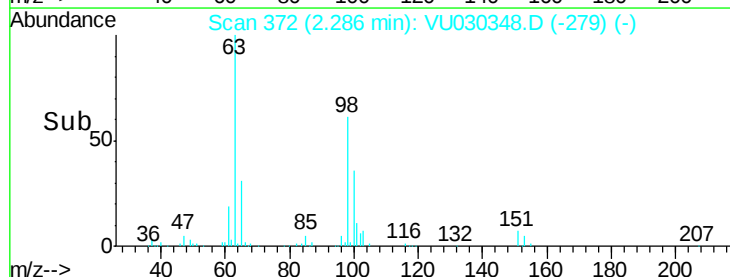
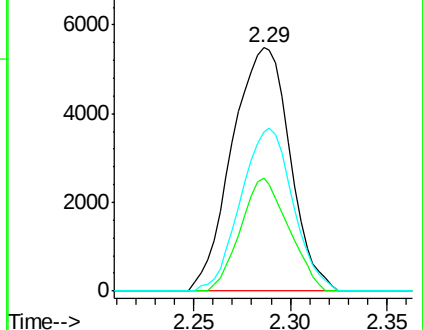
151 60.2 56.6 85.0

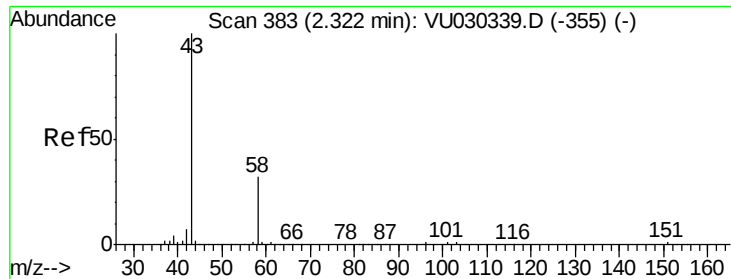


Abundance Ion 101.00 (100.70 to 101.70): VU030339.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU030339.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU030339.D (-358) (-)





#13

Acetone

Concen: 5.661 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU030348.D

Acq: 23 Mar 2019 18:27

Instrument :

MSVOA_U

ClientSampleId :

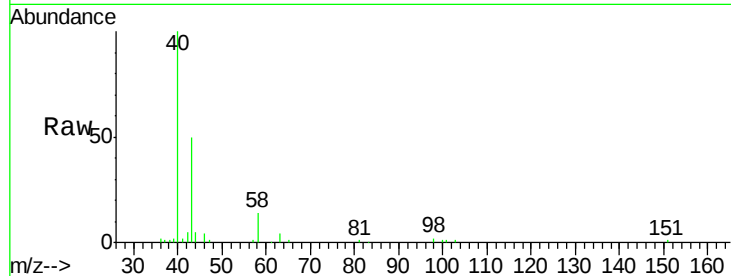
BF1A1

Tot Ion: 43 Resp: 17780

Ion Ratio Lower Upper

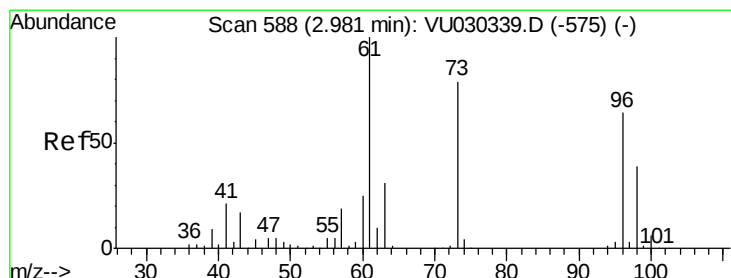
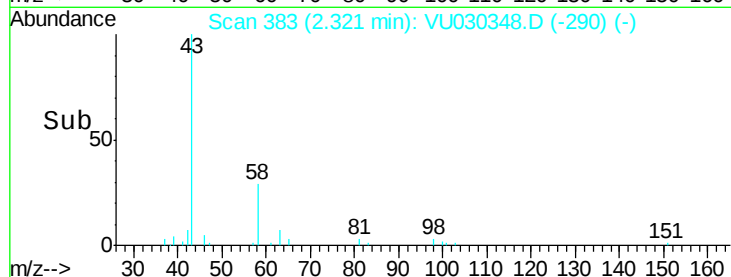
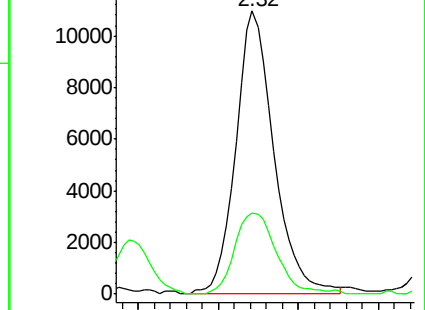
43 100

58 31.1 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030339.D (-355) (-)

Ion 58.00 (57.70 to 58.70): VU030339.D (-355) (-)



#17

trans-1,2-Dichloroethene

Concen: 1.454 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU030348.D

Acq: 23 Mar 2019 18:27

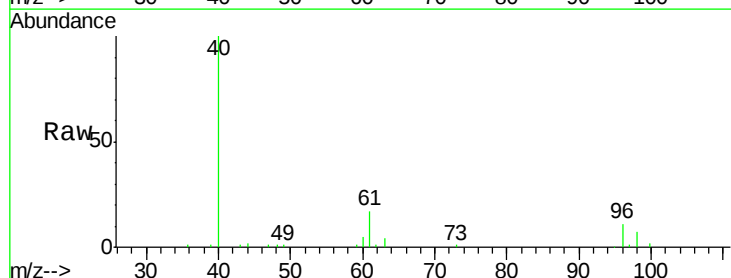
Tgt Ion: 96 Resp: 4482

Ion Ratio Lower Upper

96 100

61 162.8 108.6 201.8

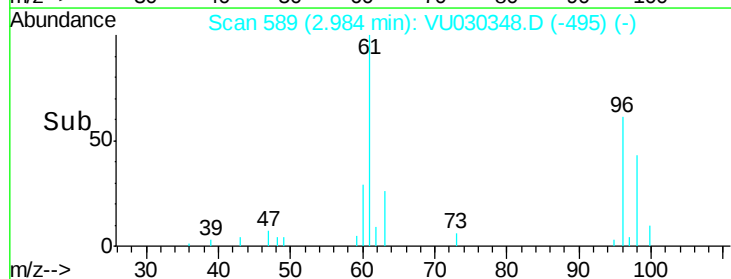
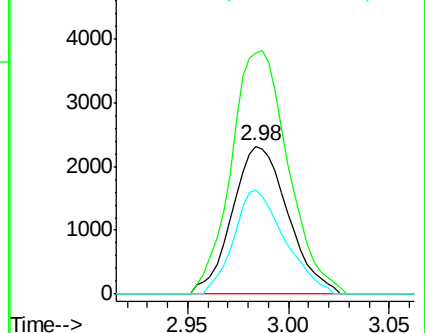
98 70.1 42.3 78.5

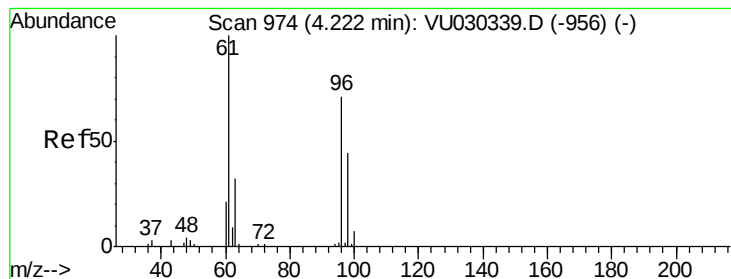


Abundance Ion 96.00 (95.70 to 96.70): VU030339.D (-575) (-)

Ion 61.00 (60.70 to 61.70): VU030339.D (-575) (-)

Ion 98.00 (97.70 to 98.70): VU030339.D (-575) (-)



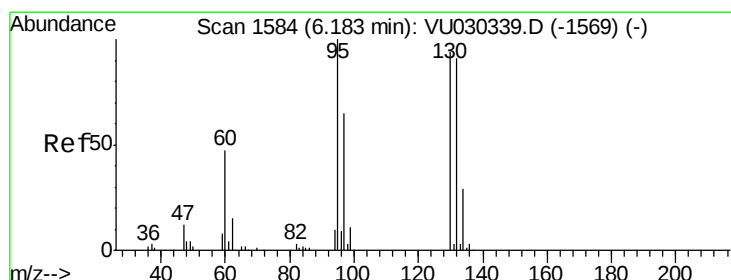
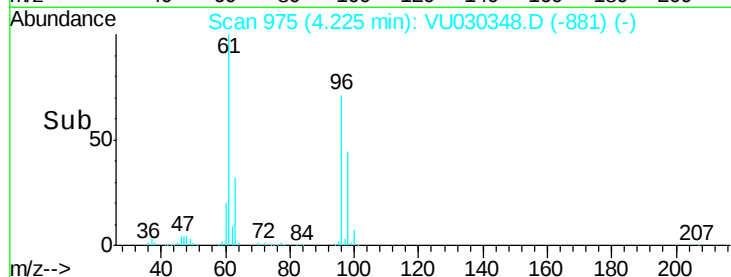
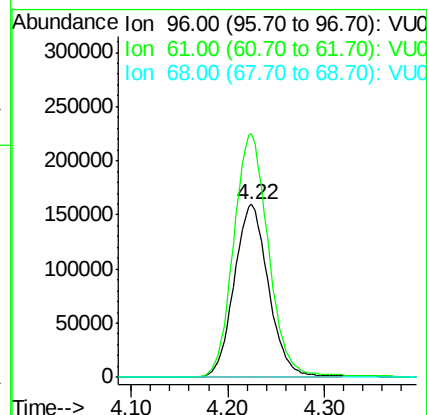
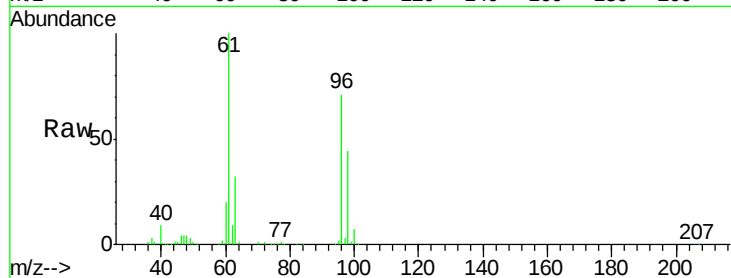


#20

cis-1,2-Dichloroethene
Concen: 114.305 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU030348.D
Acq: 23 Mar 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :
BF1A1

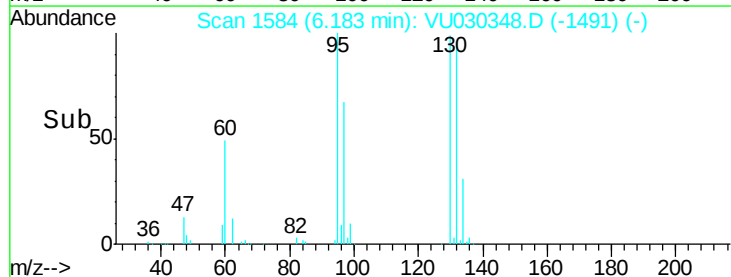
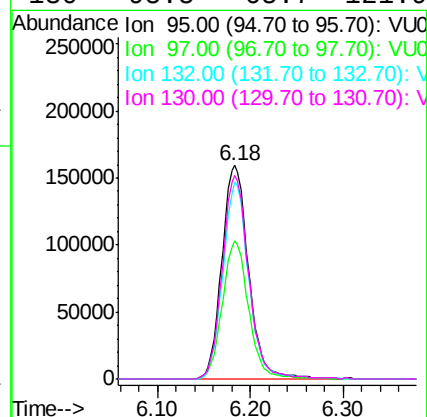
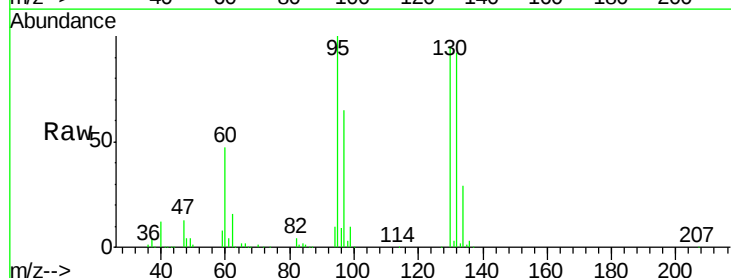
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	98.4	182.8
68	0.0	0.0	0.0

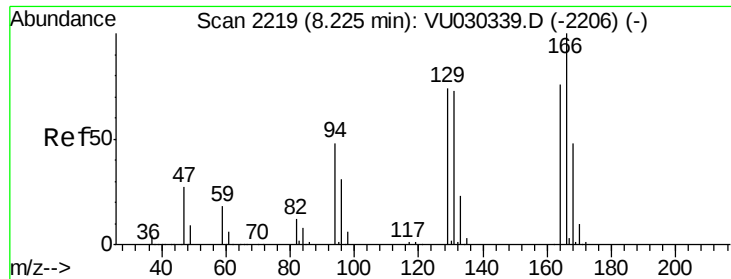


#34

Trichloroethene
Concen: 96.664 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU030348.D
Acq: 23 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.7	84.9
132	92.1	63.8	118.4
130	95.5	65.7	121.9

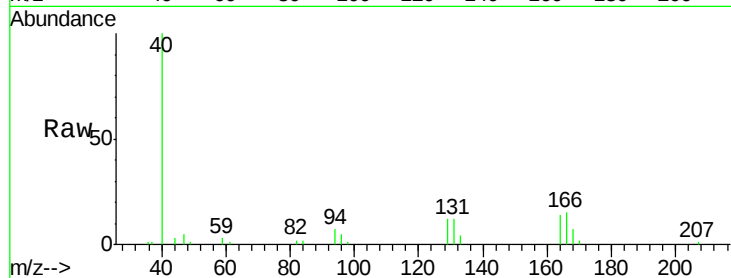




#46
 Tetrachloroethene
 Concen: 2.008 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU030348.D
 Acq: 23 Mar 2019 18:27

Instrument :
 MSVOA_U
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Tot Ion:	164	Resp:	4624
Ion	Ratio	Lower	Upper
164	100		
129	82.6	68.1	126.5
131	87.3	67.7	125.7
166	104.4	92.4	171.6



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

