

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032819\
 Data File : VU030523.D
 Acq On : 28 Mar 2019 18:34
 Operator : JC/SP
 Sample : K2128-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A5

Quant Time: Mar 29 01:55:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 01:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	405257	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	379993	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148515	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145135	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.00%
7) Chloroethane-d5	1.68	69	123814	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.27	63	217050	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
21) 2-Butanone-d5	4.17	46	279545	91.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.18%
24) Chloroform-d	4.64	84	267051	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.31	65	180433	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.34	84	527707	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
36) 1,2-Dichloropropane-d6	6.33	67	193866	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.00%
41) Toluene-d8	7.56	98	440528	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%
43) trans-1,3-Dichloropropene-	7.85	79	79259	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.31	63	167831	83.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	258659	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	150579	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

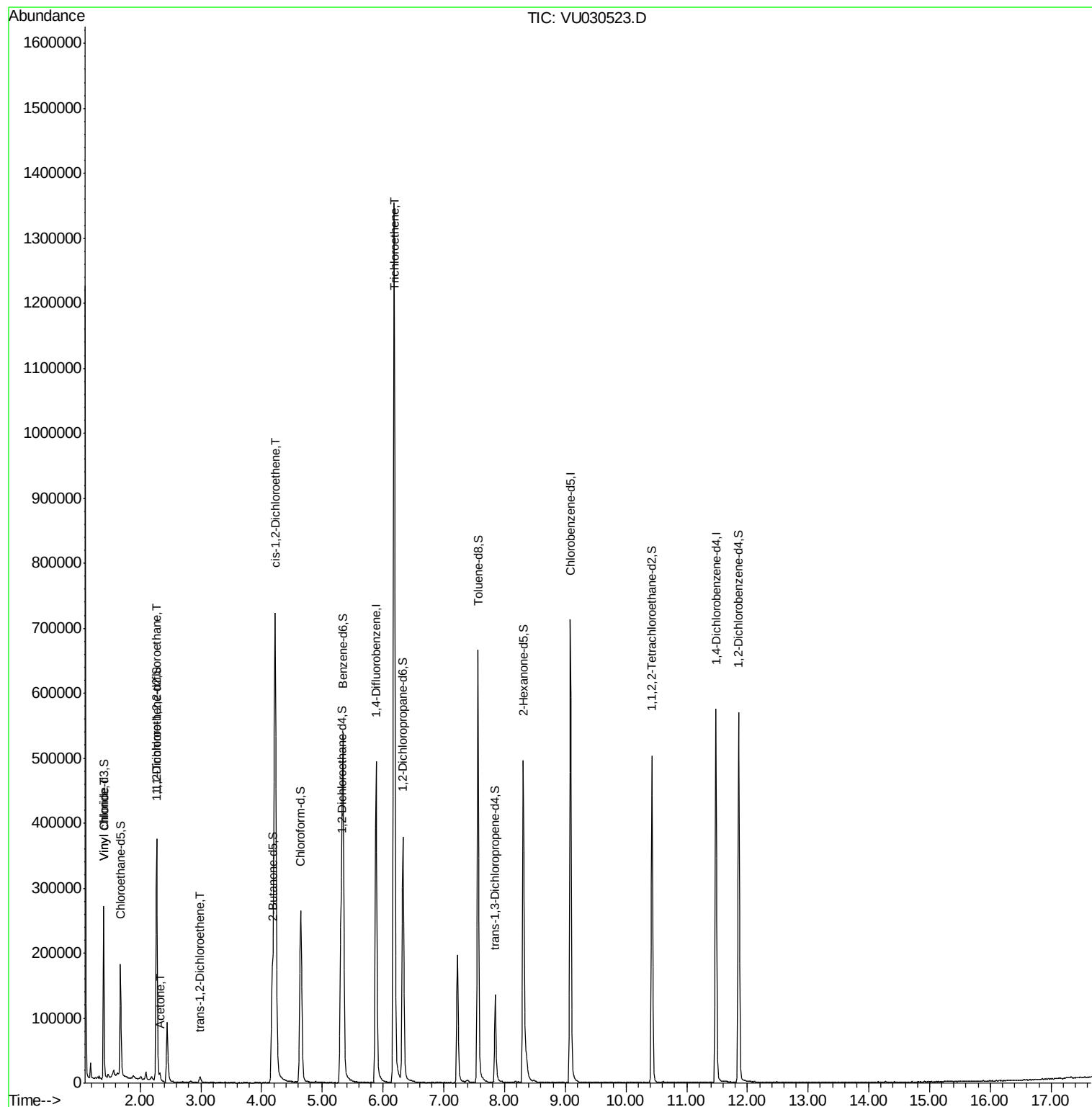
					Ovalue
5) Vinyl chloride	1.40	62	30682	6.470 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	8604	2.909 ug/L #	84
13) Acetone	2.32	43	8406	2.711 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	3578	1.176 ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	385785	113.083 ug/L	97
34) Trichloroethene	6.18	95	493587	155.221 ug/L	100

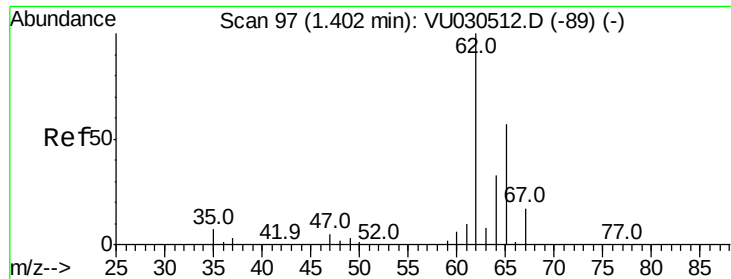
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.470 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

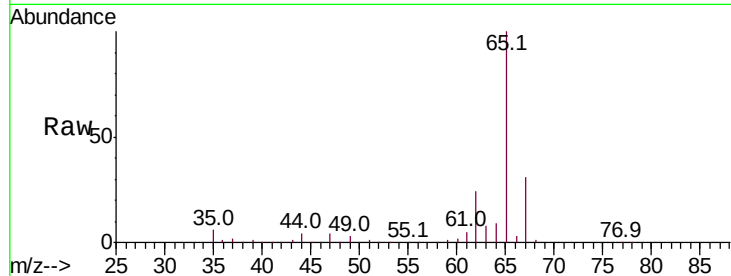
BF1A5

Tot Ion: 62 Resp: 30682

Ion Ratio Lower Upper

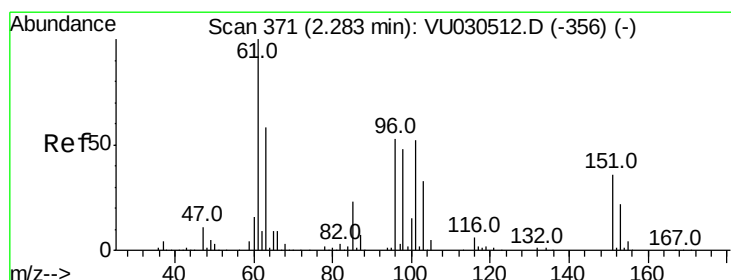
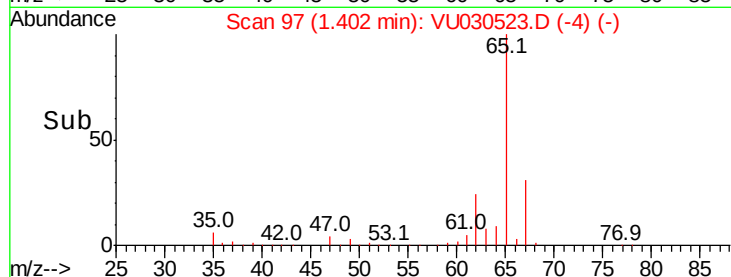
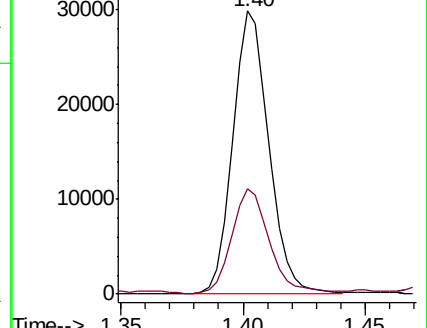
62 100

64 37.4 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VU030512.D (-89) (-)

Ion 64.00 (63.70 to 64.70): VU030512.D (-89) (-)



#10

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

Concen: 2.909 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

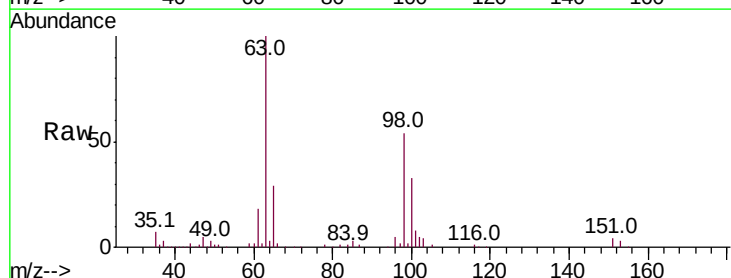
Tgt Ion: 101 Resp: 8604

Ion Ratio Lower Upper

101 100

85 37.4 34.8 52.2

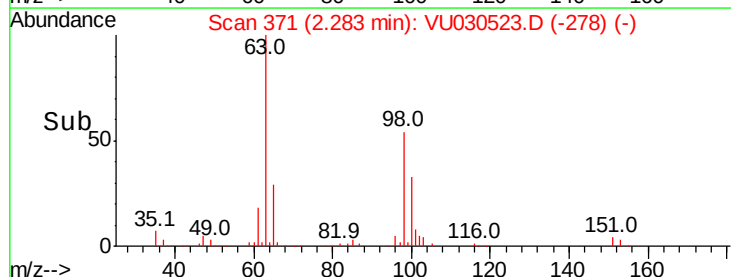
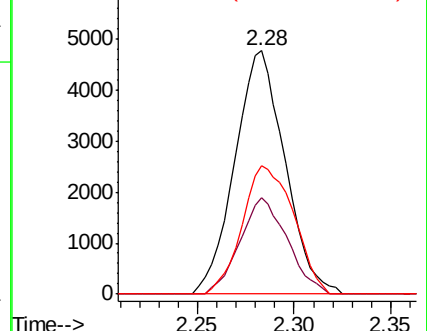
151 54.1 56.6 85.0#

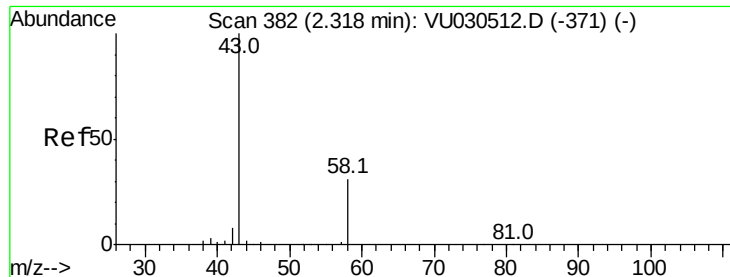


Abundance Ion 101.00 (100.70 to 101.70): VU030512.D (-356) (-)

Ion 85.00 (84.70 to 85.70): VU030512.D (-356) (-)

Ion 151.00 (150.70 to 151.70): VU030512.D (-356) (-)





#13

Acetone

Concen: 2.711 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

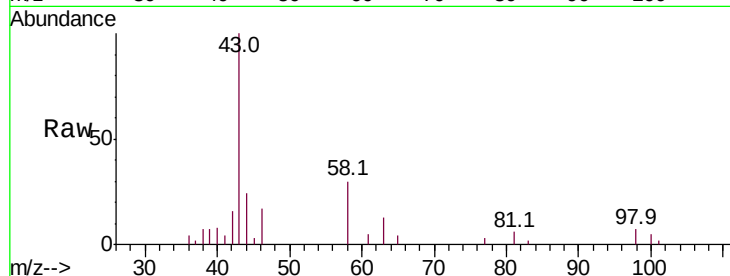
BF1A5

Tot Ion: 43 Resp: 8406

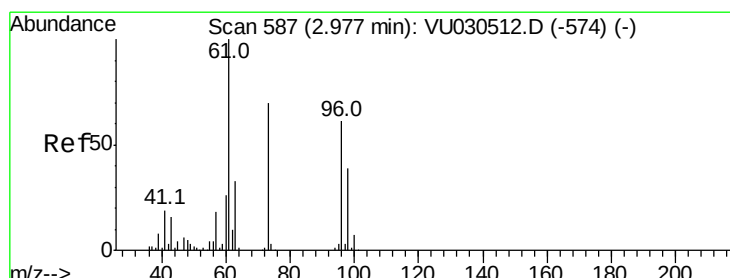
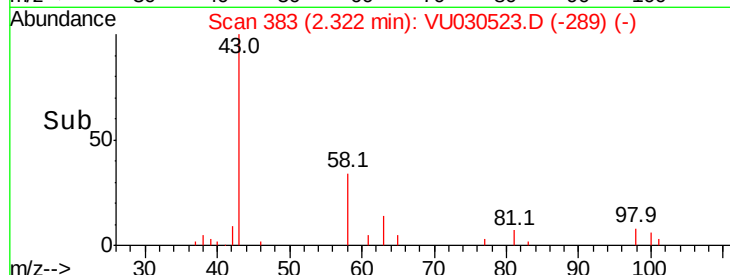
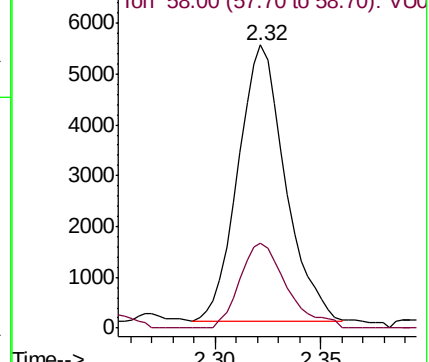
Ion Ratio Lower Upper

43 100

58 30.7 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030523.D (-289) (-)



#17

trans-1,2-Dichloroethene

Concen: 1.176 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

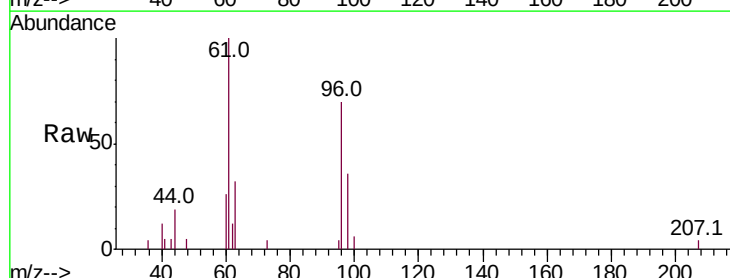
Tgt Ion: 96 Resp: 3578

Ion Ratio Lower Upper

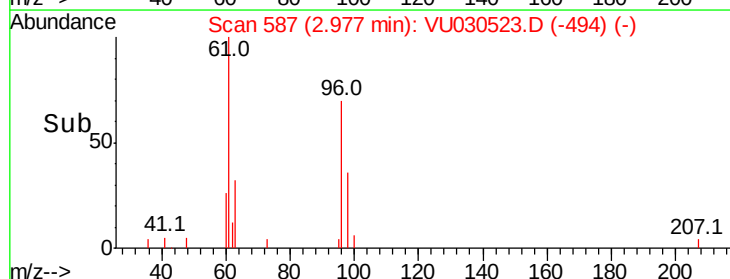
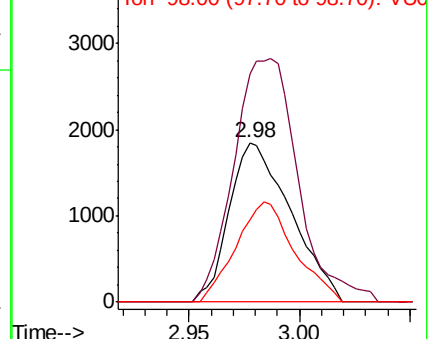
96 100

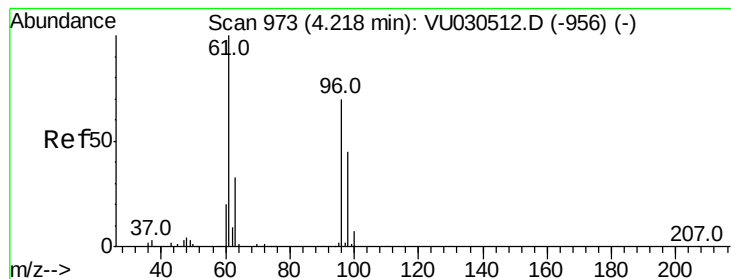
61 142.8 108.6 201.8

98 51.8 42.3 78.5



Abundance Ion 96.00 (95.70 to 96.70): VU030523.D (-494) (-)



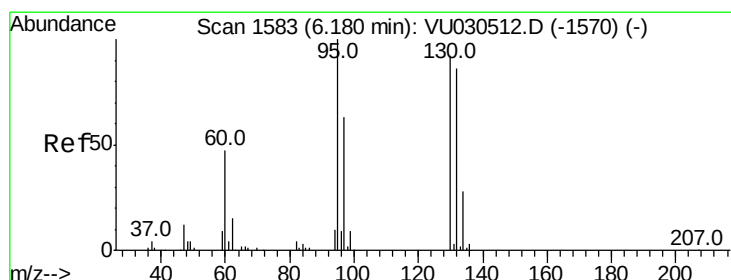
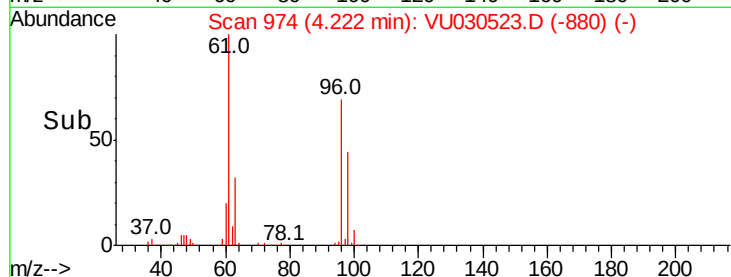
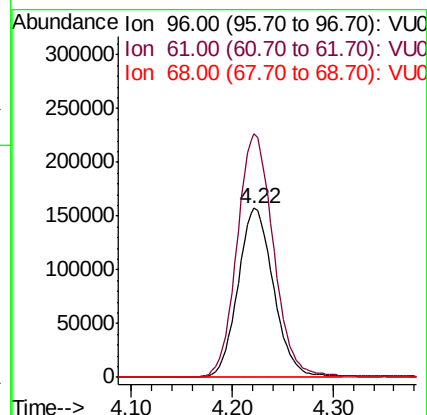
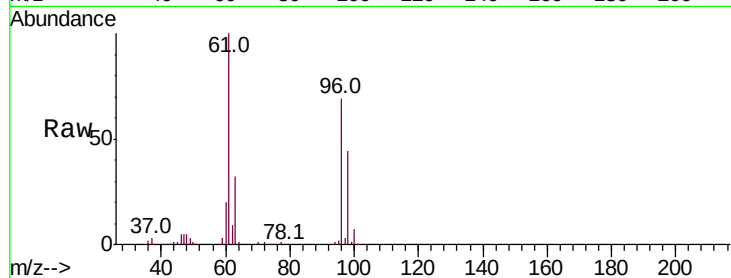


#20

cis-1,2-Dichloroethene
Concen: 113.083 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU030523.D
Acq: 28 Mar 2019 18:34

Instrument :
MSVOA_U
ClientSampled :
BF1A5

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	98.4	182.8
68	0.0	0.0	0.0



#34

Trichloroethene
Concen: 155.221 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030523.D
Acq: 28 Mar 2019 18:34

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.7	84.9
132	90.7	63.8	118.4
130	94.1	65.7	121.9

