

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
 Data File : VU028208.D
 Acq On : 17 Nov 2018 01:42
 Operator : MD/SY
 Sample : J5986-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG9

Quant Time: Nov 17 04:06:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 03:46:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155654	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65805	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66105	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.68	69	50517	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.28	63	92287	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.20	46	223716	59.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.44%
24) Chloroform-d	4.65	84	103872	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.31	65	64033	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.34	84	215855	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.33	67	79225	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.57	98	186709	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	23937	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.31	63	159489	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56502	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	64265	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

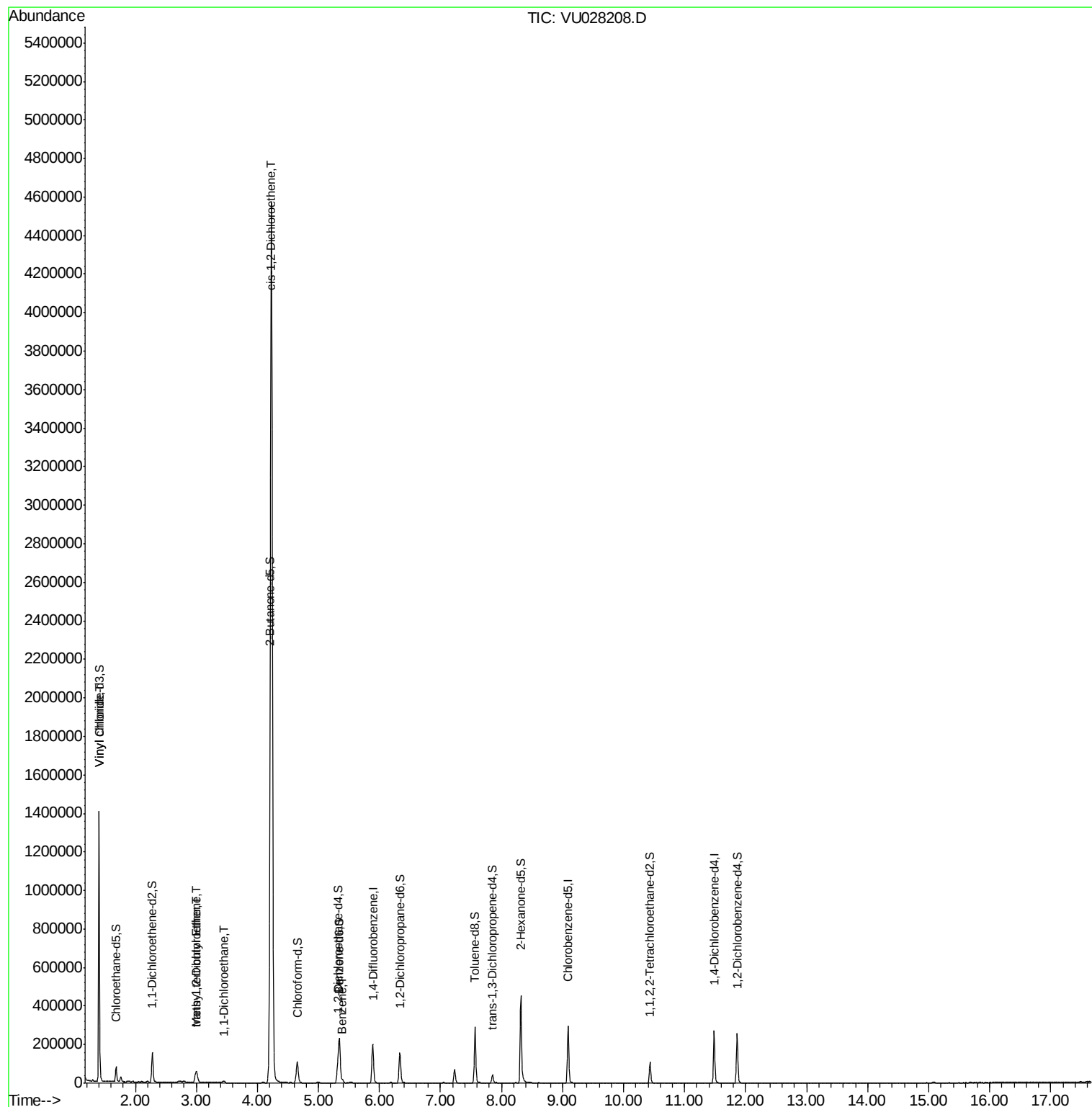
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.40	62	843051	50.566	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	42714	1.476	ug/L #	89
18) trans-1,2-Dichloroethene	2.99	96	10743	0.976	ug/L	92
19) 1,1-Dichloroethane	3.45	63	11678	0.505	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	2315422	190.856	ug/L	96
33) Benzene	5.39	78	12788	0.252	ug/L	100

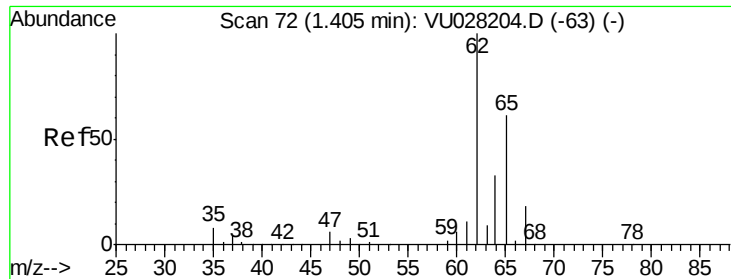
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 50.566 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028208.D

Acq: 17 Nov 2018 01:42

Instrument :

MSVOA_U

ClientSampleId :

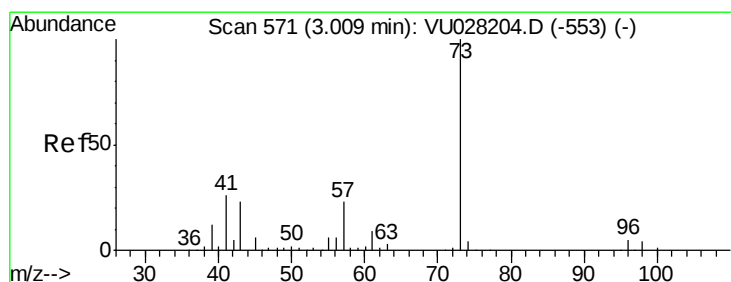
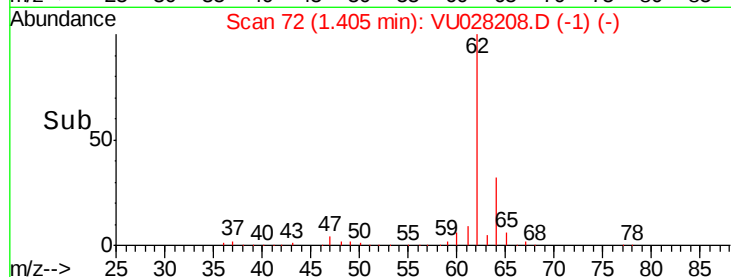
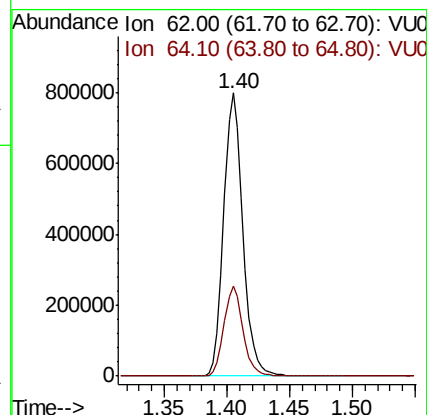
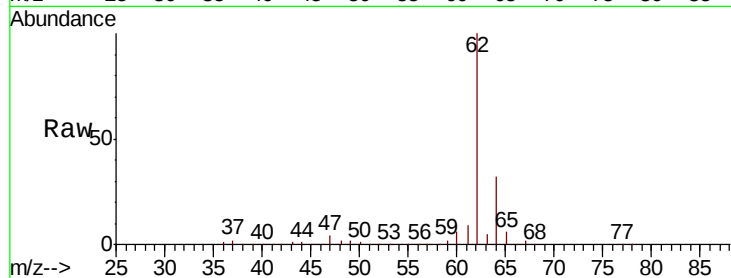
H0FG9

Tgt Ion: 62 Resp: 843051

Ion Ratio Lower Upper

62 100

64 31.6 22.7 42.3



#17

Methyl tert-butyl Ether

Concen: 1.476 ug/L

RT: 3.01 min Scan# 571

Delta R.T. -0.00 min

Lab File: VU028208.D

Acq: 17 Nov 2018 01:42

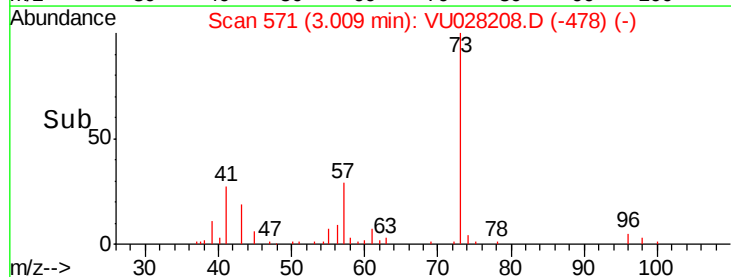
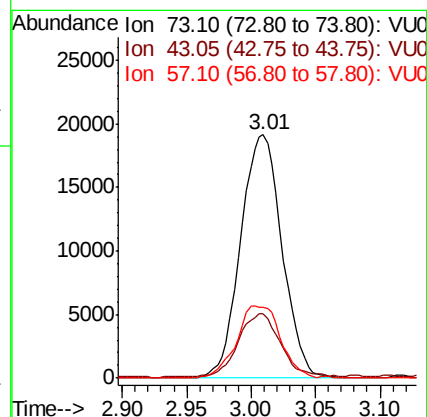
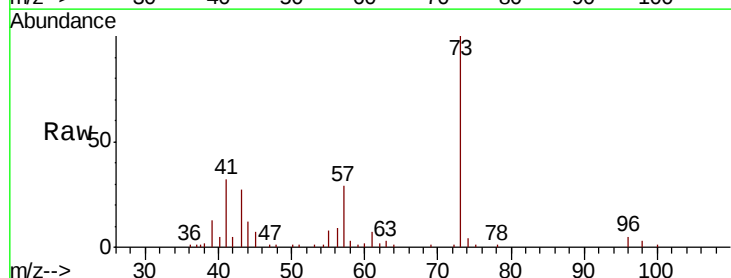
Tgt Ion: 73 Resp: 42714

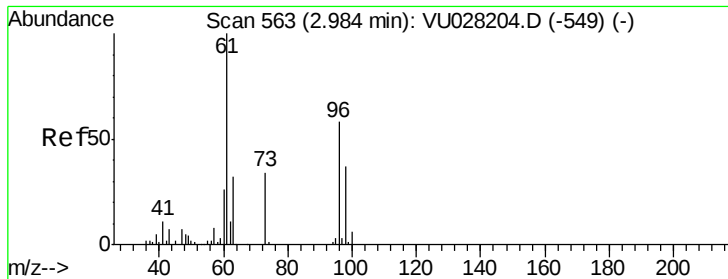
Ion Ratio Lower Upper

73 100

43 26.7 18.1 27.1

57 31.6 20.0 30.0#





#18

trans-1,2-Dichloroethene

Concen: 0.976 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU028208.D

Acq: 17 Nov 2018 01:42

Instrument :

MSVOA_U

ClientSampleId :

H0FG9

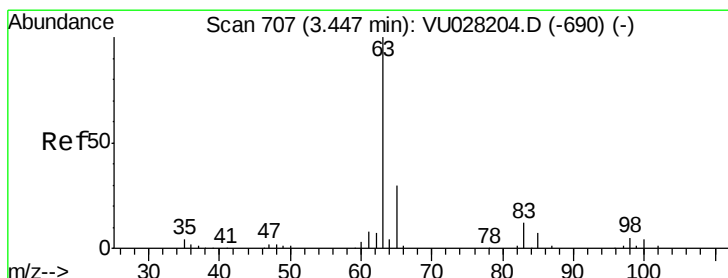
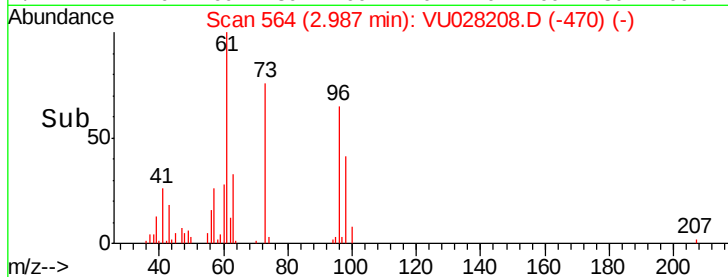
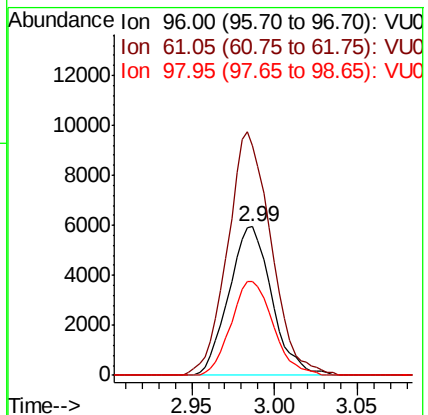
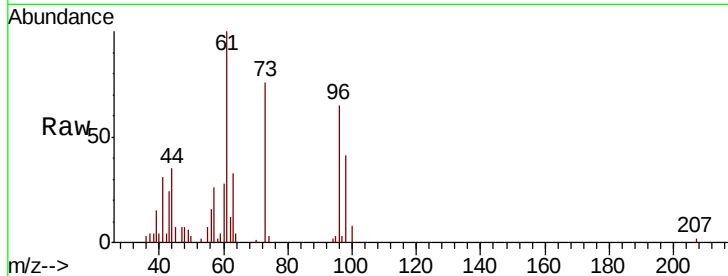
Tgt Ion: 96 Resp: 10743

Ion Ratio Lower Upper

96 100

61 154.6 118.5 220.1

98 63.6 44.9 83.5



#19

1,1-Dichloroethane

Concen: 0.505 ug/L

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028208.D

Acq: 17 Nov 2018 01:42

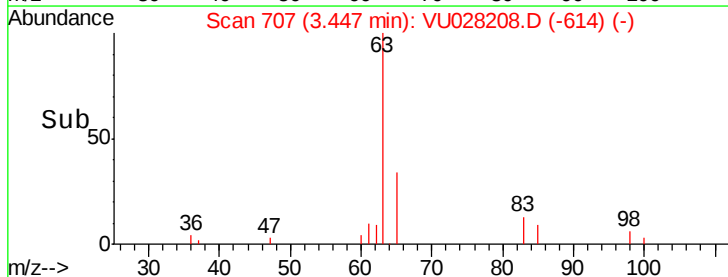
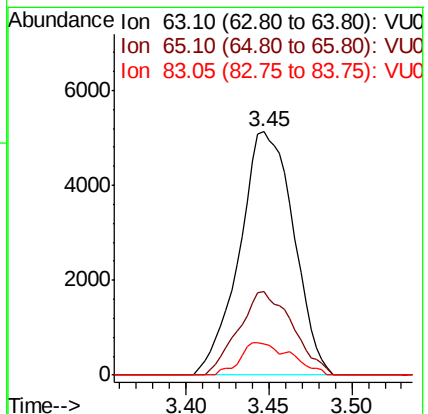
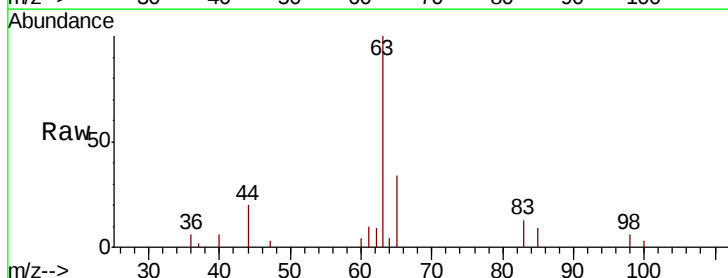
Tgt Ion: 63 Resp: 11678

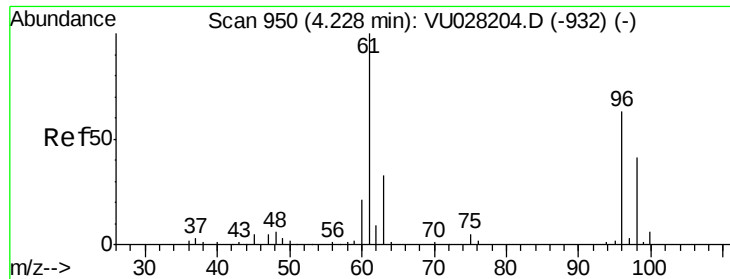
Ion Ratio Lower Upper

63 100

65 34.1 22.2 41.2

83 12.8 8.9 16.5



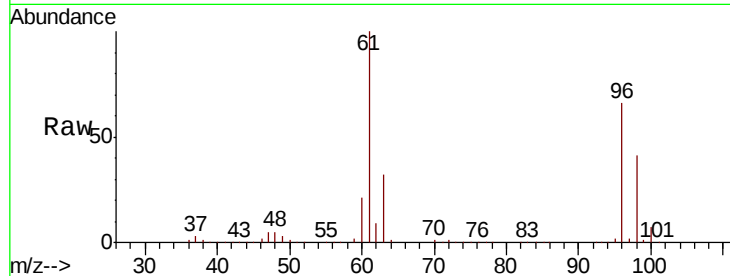


#22

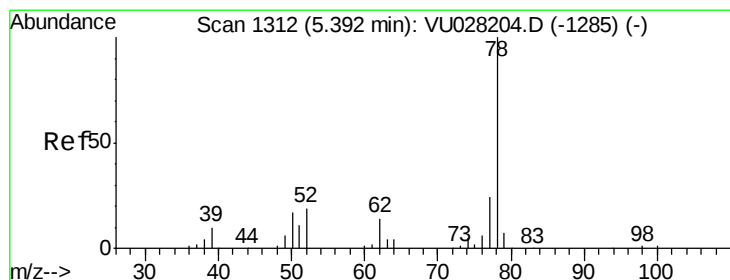
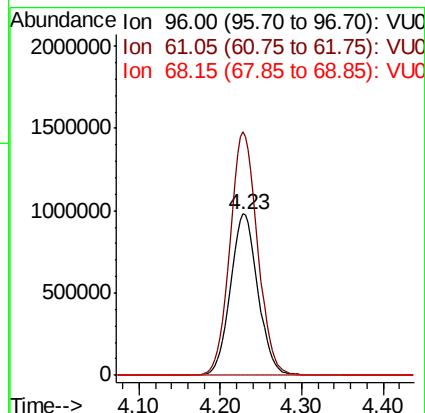
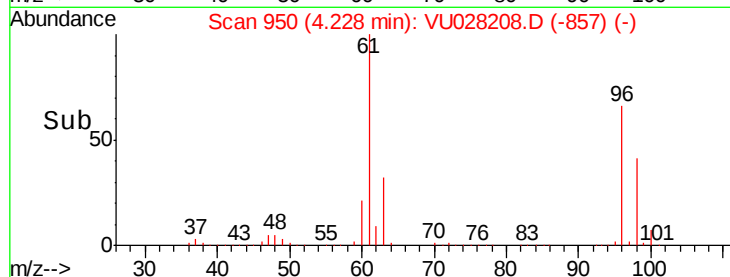
cis-1,2-Dichloroethene
 Concen: 190.856 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU028208.D
 Acq: 17 Nov 2018 01:42

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG9

Tgt Ion: 96 Resp: 2315422
 Ion Ratio Lower Upper
 96 100
 61 150.6 101.8 189.0
 68 0.0 0.0 0.0



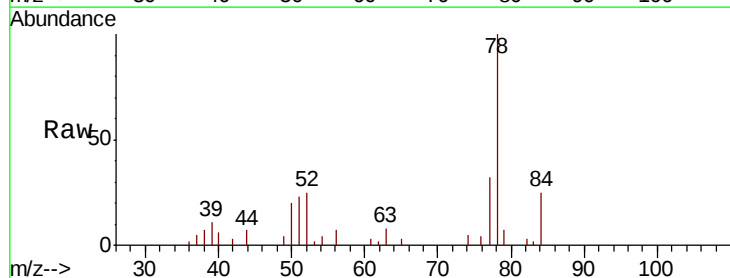
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#33

Benzene
 Concen: 0.252 ug/L
 RT: 5.39 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: VU028208.D
 Acq: 17 Nov 2018 01:42

Tgt Ion: 78 Resp: 12788



Abundance Ion 78.10 (77.80 to 78.80): VU0

