

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101818\
 Data File : VU027693.D
 Acq On : 18 Oct 2018 12:51
 Operator : MD/SY
 Sample : J5463-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB8

Quant Time: Oct 19 08:32:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	71890	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	66392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	31744	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26948	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.68	69	19962	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.28	63	49019	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.20	46	83760	51.56	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	4.65	84	43024	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	24445	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.34	84	88336	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	32091	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.57	98	78301	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.85	79	12162	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.31	63	69410	50.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23518	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	29133	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

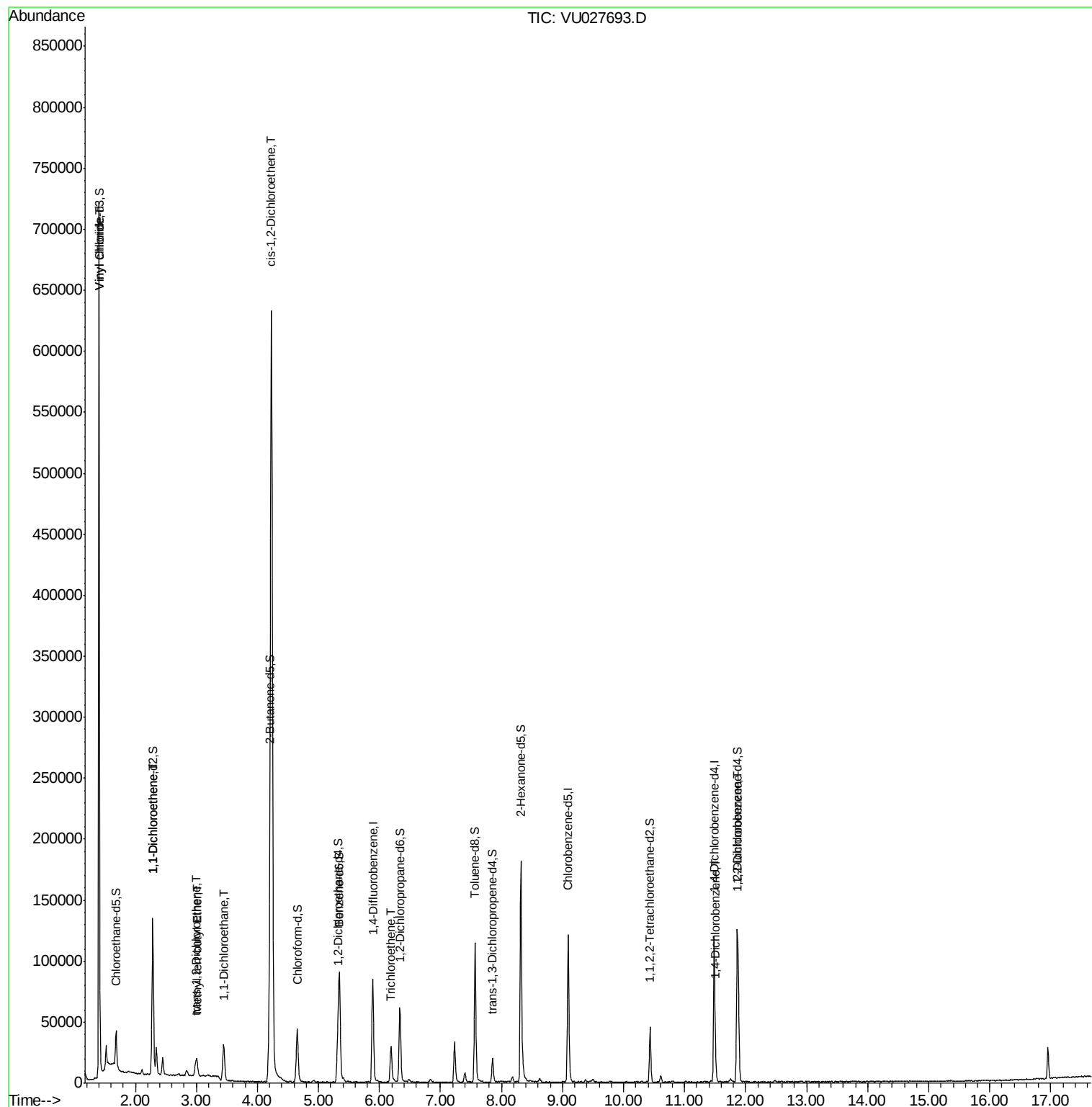
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	447339	63.766	ug/L	99
12) 1,1-Dichloroethene	2.29	96	31330	6.440	ug/L	88
17) Methyl tert-butyl Ether	3.01	73	13984	1.040	ug/L #	94
18) trans-1,2-Dichloroethene	2.98	96	2800	0.541	ug/L	94
19) 1,1-Dichloroethane	3.45	63	33130	3.218	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	322375	56.316	ug/L #	96
34) Trichloroethene	6.19	95	10546	1.875	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	4418	0.418	ug/L	92
65) 1,2-Dichlorobenzene	11.88	146	30052	2.968	ug/L	97

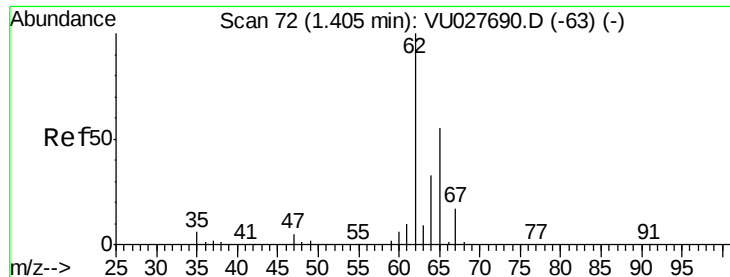
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 63.766 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027693.D

Acq: 18 Oct 2018 12:51

Instrument :

MSVOA_U

ClientSampleId :

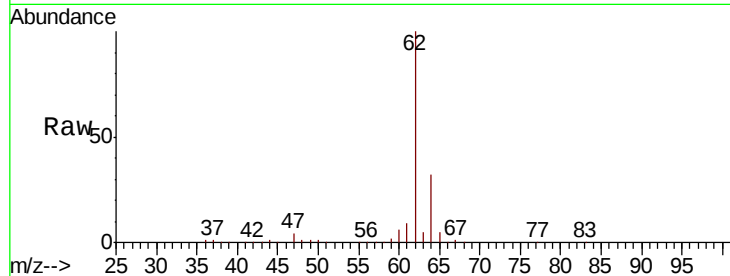
C0JB8

Tot Ion: 62 Resp: 447339

Ion Ratio Lower Upper

62 100

64 31.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

400000

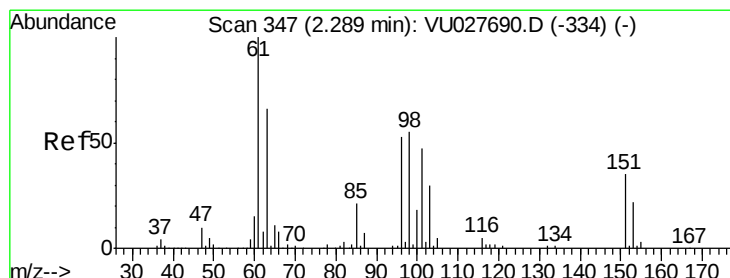
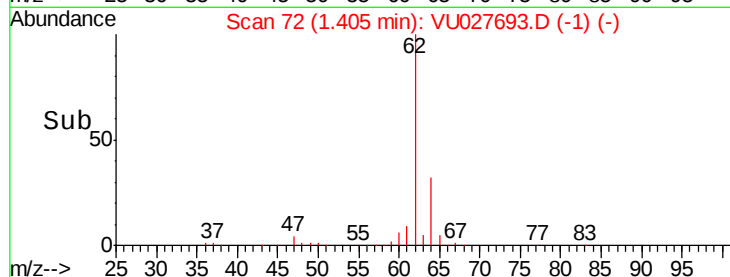
300000

200000

100000

0

Time-->



#12

1,1-Dichloroethene

Concen: 6.440 ug/L

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027693.D

Acq: 18 Oct 2018 12:51

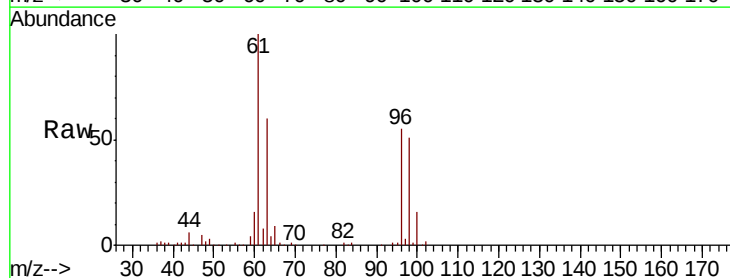
Tgt Ion: 96 Resp: 31330

Ion Ratio Lower Upper

96 100

61 182.4 125.6 233.2

63 108.8 97.6 181.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

50000

40000

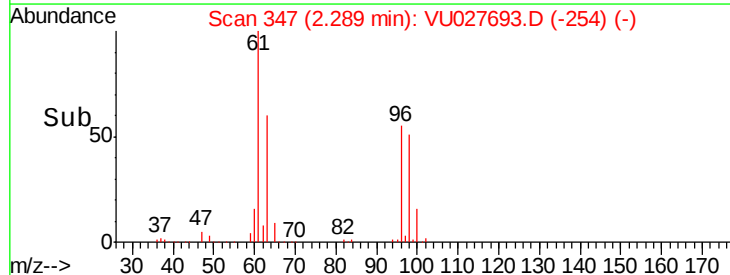
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20000

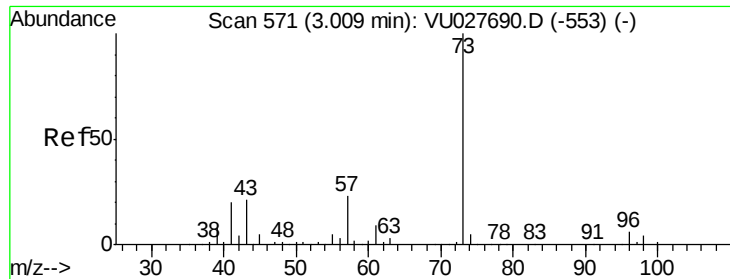
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Time-->



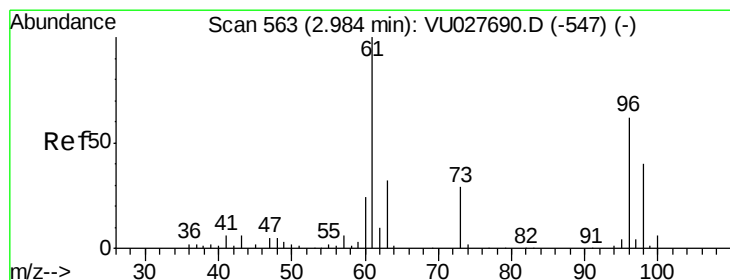
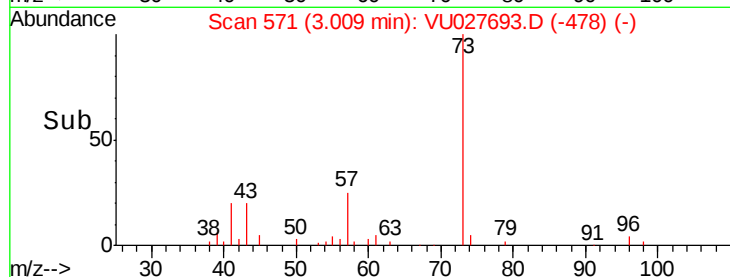
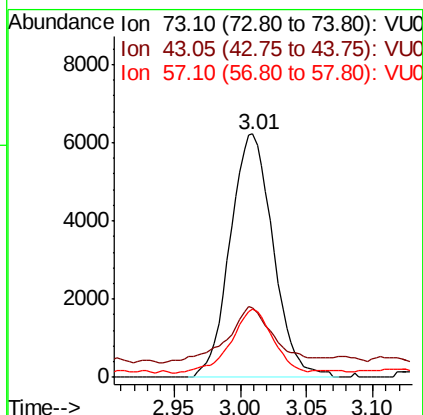
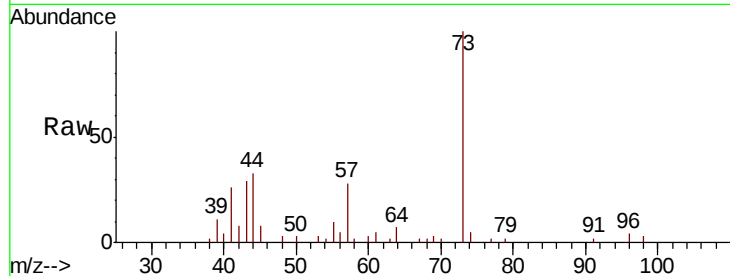
Time-->



#17
Methvl tert-butvl Ether
Concen: 1.040 ug/L
RT: 3.01 min Scan# 571
Delta R.T. 0.00 min
Lab File: VU027693.D
Acq: 18 Oct 2018 12:51

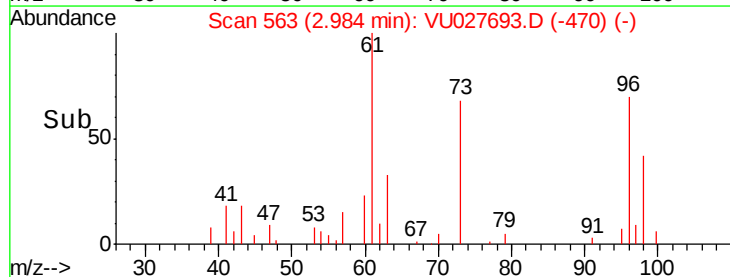
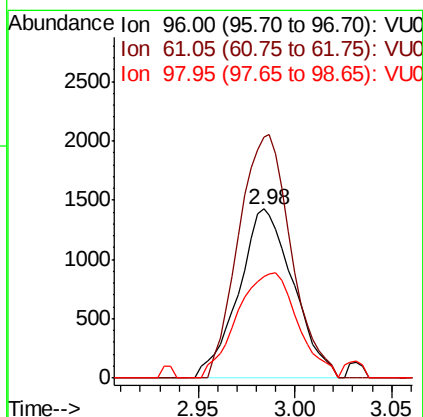
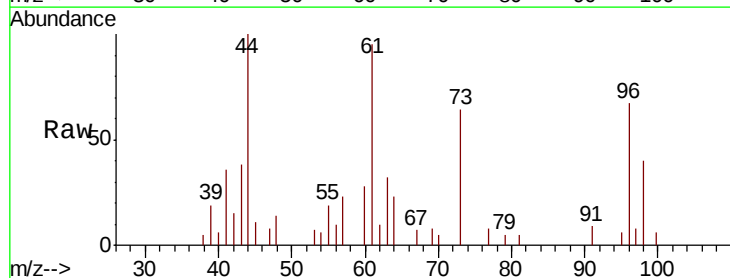
Instrument :
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C0JB8

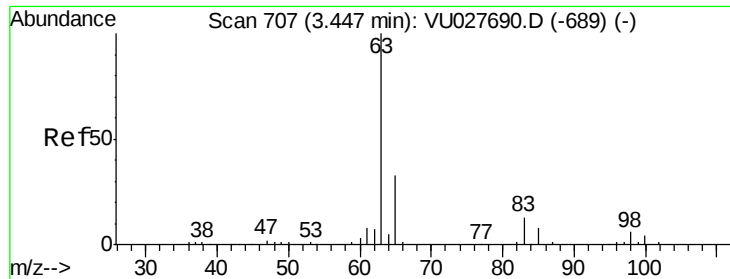
Tot Ion: 73 Resp: 13984
Ion Ratio Lower Upper
73 100
43 23.8 15.8 23.8#
57 25.2 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 0.541 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027693.D
Acq: 18 Oct 2018 12:51

Tgt Ion: 96 Resp: 2800
Ion Ratio Lower Upper
96 100
61 142.7 105.8 196.4
98 60.0 43.6 81.0

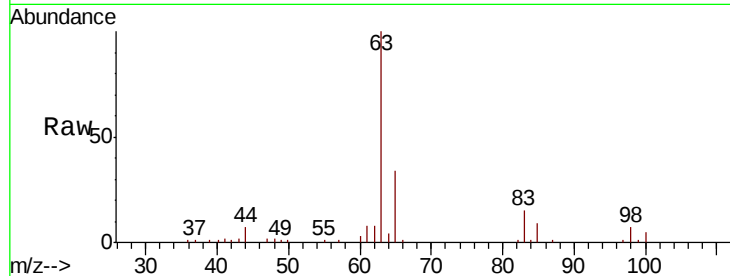




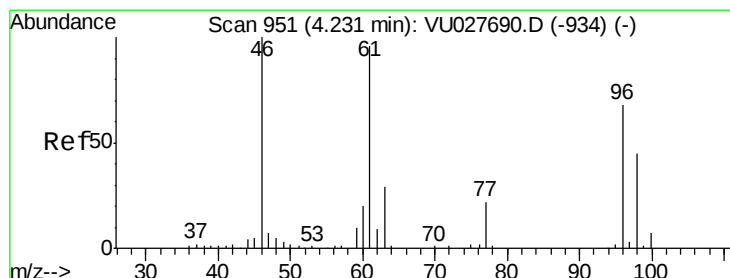
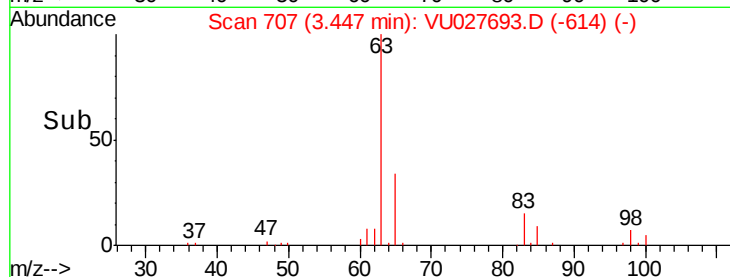
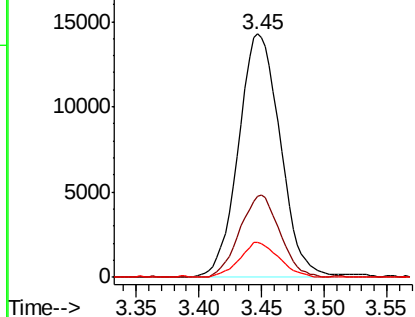
#19
 1,1-Dichloroethane
 Concen: 3.218 ug/L
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027693.D
 Acq: 18 Oct 2018 12:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB8

Tot Ion: 63 Resp: 33130
 Ion Ratio Lower Upper
 63 100
 65 33.5 22.3 41.3
 83 14.5 9.7 17.9

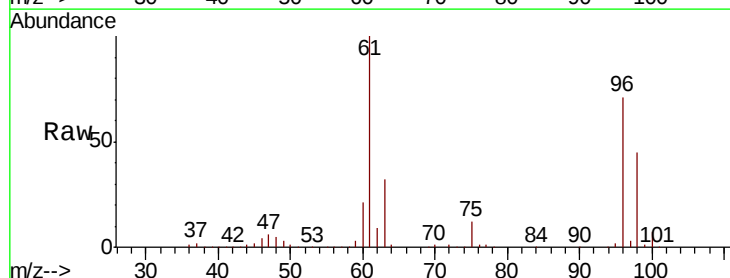


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

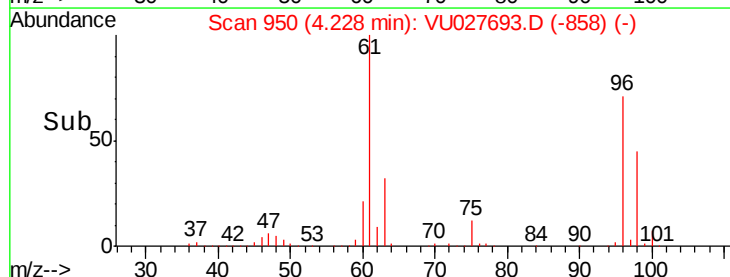
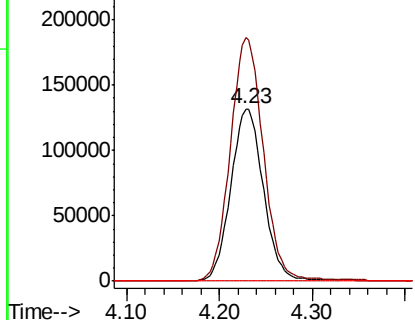


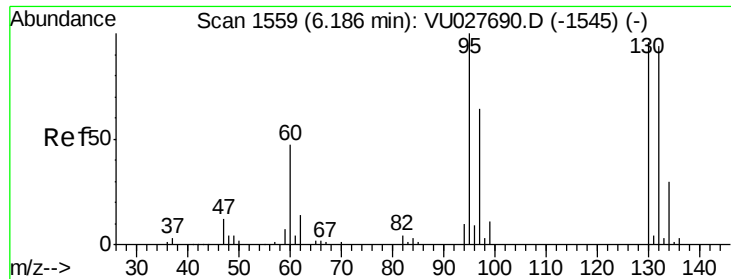
#22
 cis-1,2-Dichloroethene
 Concen: 56.316 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027693.D
 Acq: 18 Oct 2018 12:51

Tgt Ion: 96 Resp: 322375
 Ion Ratio Lower Upper
 96 100
 61 141.2 95.3 176.9
 68 0.0 1.1 2.1#



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

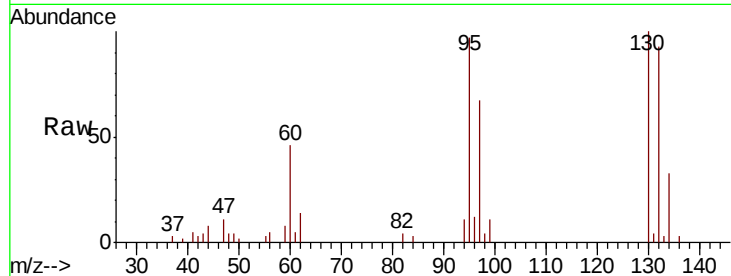




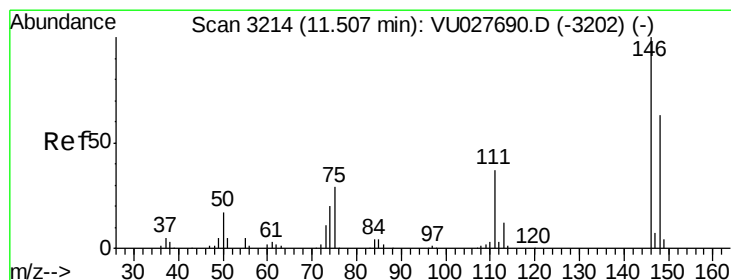
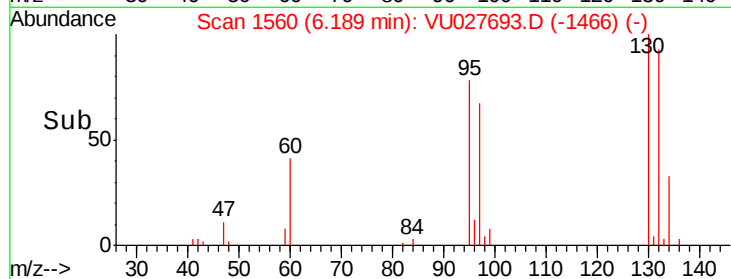
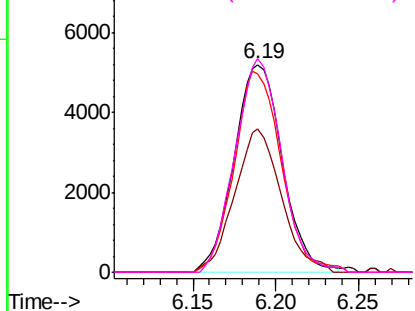
#34
 Trichloroethene
 Concen: 1.875 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027693.D
 Acq: 18 Oct 2018 12:51

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 C0JB8

Tot Ion: 95 Resp: 10546
 Ion Ratio Lower Upper
 95 100
 97 69.3 44.7 83.1
 132 95.4 65.9 122.5
 130 102.7 67.9 126.1

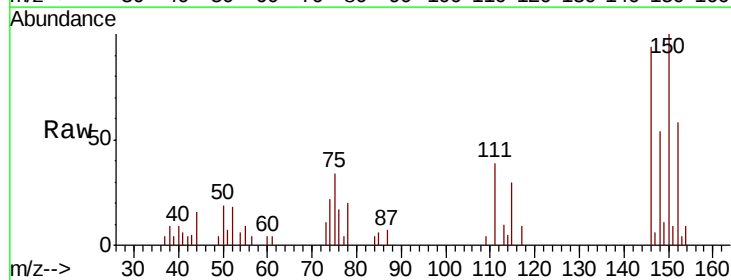


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

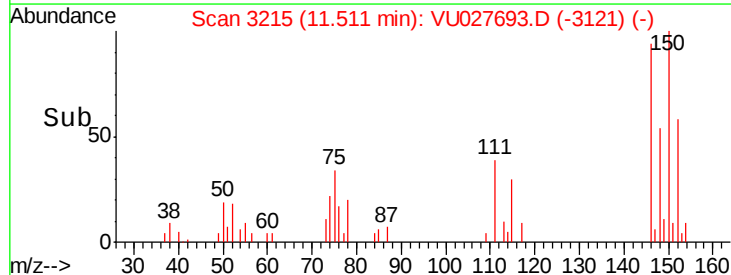
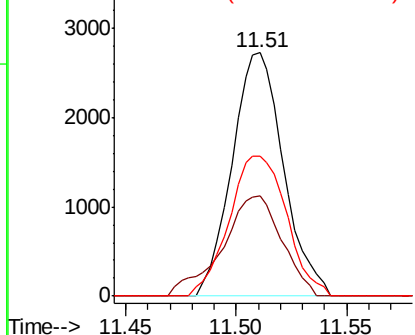


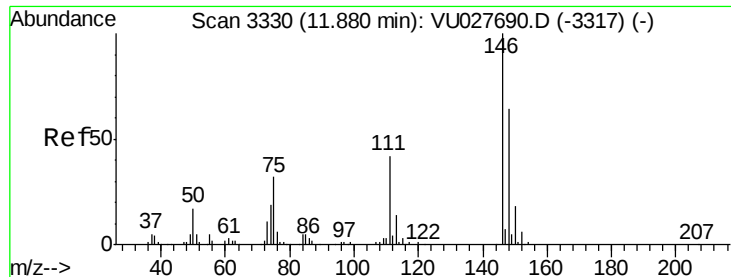
#63
 1,4-Dichlorobenzene
 Concen: 0.418 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027693.D
 Acq: 18 Oct 2018 12:51

Tgt Ion: 146 Resp: 4418
 Ion Ratio Lower Upper
 146 100
 111 41.0 26.5 49.1
 148 57.3 45.2 84.0



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 2.968 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027693.D
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Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	31.7	47.5
148	64.6	50.6	75.8

